

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122619\  
 Data File : VY001065.D  
 Acq On : 26 Dec 2019 12:39  
 Operator : SY/MD  
 Sample : VY1226SBS01  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1226SBS01

Manual Integrations  
 APPROVED

apatel  
 12/27/2019 11:04:33 AM

Quant Time: Dec 27 04:36:04 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y122319S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Dec 23 12:07:44 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.80  | 168  | 324397   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.70  | 114  | 562527   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.49 | 117  | 500598   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152  | 230330   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.15   | 65  | 152442   | 47.65 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.30%  |      |
| 35) Dibromofluoromethane  | 7.73   | 113 | 161217   | 48.67 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.34%  |      |
| 50) Toluene-d8            | 10.18  | 98  | 677316   | 52.32 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.64% |      |
| 62) 4-Bromofluorobenzene  | 12.48  | 95  | 216809   | 45.81 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 91.62%  |      |

## Target Compounds

|                               |      |     |        |        |      | Qvalue |
|-------------------------------|------|-----|--------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.90 | 85  | 59099  | 20.907 | ug/l | 99     |
| 3) Chloromethane              | 2.12 | 50  | 77619  | 20.176 | ug/l | 96     |
| 4) Vinyl Chloride             | 2.26 | 62  | 74384  | 19.909 | ug/l | 97     |
| 5) Bromomethane               | 2.65 | 94  | 47157  | 19.124 | ug/l | 96     |
| 6) Chloroethane               | 2.79 | 64  | 47424  | 20.380 | ug/l | 99     |
| 7) Trichlorofluoromethane     | 3.13 | 101 | 110010 | 20.075 | ug/l | 99     |
| 8) Diethyl Ether              | 3.54 | 74  | 42246  | 18.886 | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.90 | 101 | 73142  | 20.319 | ug/l | 97     |
| 10) Methyl Iodide             | 4.10 | 142 | 96758  | 19.455 | ug/l | 98     |
| 11) Tert butyl alcohol        | 4.97 | 59  | 28119  | 79.931 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 3.88 | 96  | 73983  | 20.301 | ug/l | 98     |
| 13) Acrolein                  | 3.74 | 56  | 34656  | 79.508 | ug/l | 99     |
| 14) Allyl chloride            | 4.49 | 41  | 109962 | 19.423 | ug/l | 98     |
| 15) Acrylonitrile             | 5.18 | 53  | 99789  | 89.261 | ug/l | 99     |
| 16) Acetone                   | 3.96 | 43  | 69359  | 94.101 | ug/l | 95     |
| 17) Carbon Disulfide          | 4.20 | 76  | 241723 | 20.298 | ug/l | 97     |
| 18) Methyl Acetate            | 4.49 | 43  | 49122  | 17.371 | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 5.24 | 73  | 176002 | 18.712 | ug/l | 97     |
| 20) Methylene Chloride        | 4.72 | 84  | 91108  | 21.000 | ug/l | 90     |
| 21) trans-1,2-Dichloroethene  | 5.23 | 96  | 82297  | 20.376 | ug/l | 89     |
| 22) Diisopropyl ether         | 6.13 | 45  | 226361 | 19.781 | ug/l | 99     |
| 23) Vinyl Acetate             | 6.07 | 43  | 662003 | 91.602 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 6.04 | 63  | 135662 | 20.061 | ug/l | 99     |
| 25) 2-Butanone                | 7.00 | 43  | 110959 | 85.693 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 6.99 | 77  | 109109 | 19.638 | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 7.00 | 96  | 90370  | 20.366 | ug/l | 100    |
| 28) Bromochloromethane        | 7.35 | 49  | 46974  | 17.803 | ug/l | 98     |
| 29) Tetrahydrofuran           | 7.36 | 42  | 77532  | 84.178 | ug/l | 100    |
| 30) Chloroform                | 7.52 | 83  | 126025 | 19.708 | ug/l | 100    |
| 31) Cyclohexane               | 7.79 | 56  | 141022 | 19.832 | ug/l | 95     |
| 32) 1,1,1-Trichloroethane     | 7.71 | 97  | 108037 | 19.806 | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.93 | 75  | 108640 | 20.244 | ug/l | 99     |
| 37) Ethyl Acetate             | 7.09 | 43  | 51346  | 17.280 | ug/l | 98     |
| 38) Carbon Tetrachloride      | 7.91 | 117 | 97702  | 20.780 | ug/l | 97     |

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 Sample : VY1226SBS01  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
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Manual Integrations  
 APPROVED

apatel  
 12/27/2019 11:04:33 AM

Quant Time: Dec 27 04:36:04 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y122319S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Dec 23 12:07:44 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.19  | 83   | 149680   | 21.003  | ug/l   | 100      |
| 40) Benzene                    | 8.17  | 78   | 336979   | 20.814  | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.33  | 41   | 26312m   | 20.424  | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.24  | 62   | 75849    | 19.596  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.28  | 43   | 94198    | 17.125  | ug/l   | 97       |
| 44) Trichloroethene            | 8.94  | 130  | 88457    | 20.737  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.22  | 63   | 80457    | 19.810  | ug/l   | 99       |
| 46) Dibromomethane             | 9.31  | 93   | 40316    | 19.256  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.50  | 83   | 96101    | 19.816  | ug/l   | 96       |
| 48) Methyl methacrylate        | 9.30  | 41   | 41555    | 17.703  | ug/l   | 95       |
| 49) 1,4-Dioxane                | 9.30  | 88   | 11432    | 373.269 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 10.07 | 43   | 244221   | 85.183  | ug/l   | 98       |
| 52) Toluene                    | 10.24 | 92   | 204788   | 20.551  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.47 | 75   | 102367   | 19.449  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 9.93  | 75   | 124396   | 19.655  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.64 | 97   | 62077    | 19.861  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.51 | 69   | 82674    | 18.585  | ug/l   | 95       |
| 57) 1,3-Dichloropropane        | 10.79 | 76   | 104416   | 19.059  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.78  | 63   | 157793   | 91.838  | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.83 | 43   | 163608   | 82.471  | ug/l   | 97       |
| 60) Dibromochloromethane       | 10.99 | 129  | 64763    | 19.398  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.09 | 107  | 57560    | 19.258  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.72 | 164  | 90294    | 20.847  | ug/l   | 92       |
| 65) Chlorobenzene              | 11.52 | 112  | 209058   | 20.133  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.59 | 131  | 70852    | 20.676  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.59 | 91   | 383148   | 20.514  | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.70 | 106  | 294703   | 41.556  | ug/l   | 98       |
| 69) o-Xylene                   | 12.03 | 106  | 138467   | 20.755  | ug/l   | 99       |
| 70) Styrene                    | 12.04 | 104  | 233837   | 20.613  | ug/l   | 99       |
| 71) Bromoform                  | 12.20 | 173  | 35139    | 18.416  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.33 | 105  | 362507   | 20.338  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.14 | 43   | 78717    | 16.811  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.58 | 83   | 64220    | 18.289  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.63 | 75   | 52260m   | 18.405  | ug/l   |          |
| 77) Bromobenzene               | 12.61 | 156  | 81324    | 20.287  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.67 | 91   | 441207   | 20.315  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.75 | 91   | 244080   | 20.350  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.81 | 105  | 302235   | 20.687  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75   | 24030    | 18.049  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.85 | 91   | 255333   | 20.496  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.07 | 119  | 256313   | 20.899  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.12 | 105  | 304465   | 20.738  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.25 | 105  | 372559   | 20.606  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.36 | 119  | 331123   | 21.165  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.36 | 146  | 161292   | 20.950  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.44 | 146  | 156181   | 20.109  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.69 | 91   | 326347   | 20.733  | ug/l   | 100      |
| 90) Hexachloroethane           | 13.96 | 117  | 59556    | 20.205  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.74 | 146  | 144498   | 20.346  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75   | 10280    | 17.499  | ug/l   | 93       |

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Data File : VY001065.D  
Acq On : 26 Dec 2019 12:39  
Operator : SY/MD  
Sample : VY1226SBSD01  
Misc : 5.00G/5ML/MSVOA Y/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBSD01

Manual Integrations  
APPROVED

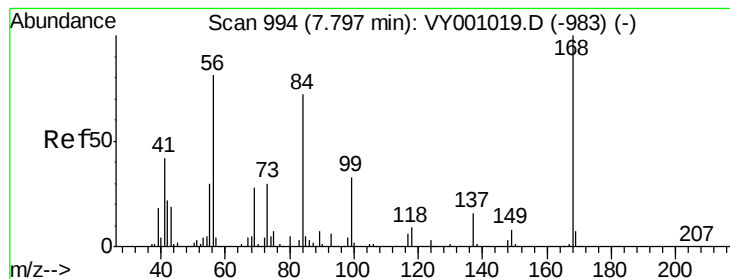
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12/27/2019 11:04:33 AM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y122319S.M  
Quant Title : SW846 8260  
QLast Update : Mon Dec 23 12:07:44 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.00 | 180  | 97166    | 20.270 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.11 | 225  | 47816    | 20.961 | ug/l  | 99       |
| 95) Naphthalene            | 15.23 | 128  | 212806   | 18.877 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.42 | 180  | 86583    | 20.253 | ug/l  | 99       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001065.D

Acq: 26 Dec 2019 12:39

Instrument :

MSVOA\_Y

ClientSampleId :

VY1226SBS01

Tot Ion:168 Resp: 324397

Ion Ratio Lower Upper

168 100

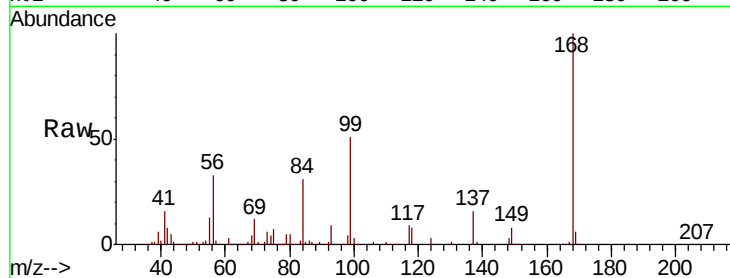
99 51.2 44.0 66.0

Manual Integrations

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12/27/2019 11:04:33 AM



Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)

7.80

150000

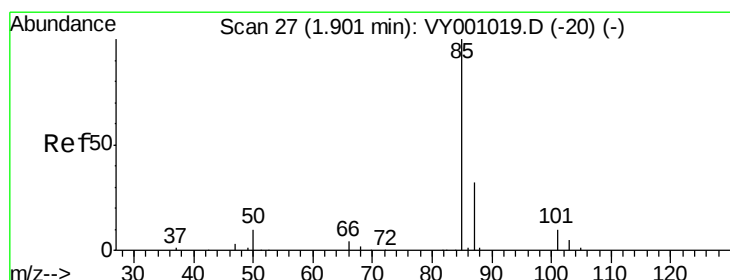
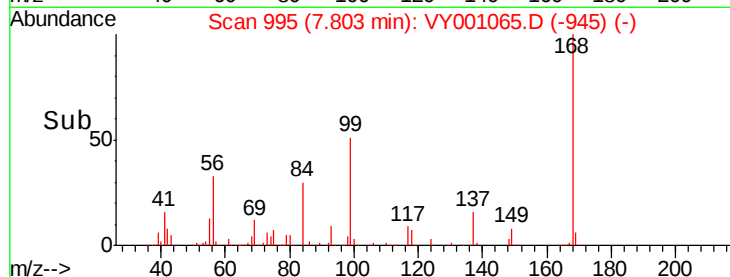
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 20.907 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001065.D

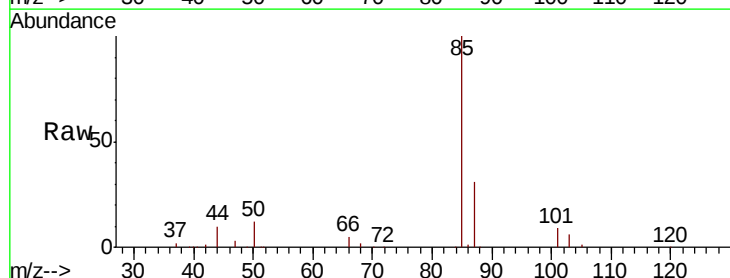
Acq: 26 Dec 2019 12:39

Tgt Ion: 85 Resp: 59099

Ion Ratio Lower Upper

85 100

87 31.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY001019.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY001019.D (-20) (-)

1.90

40000

30000

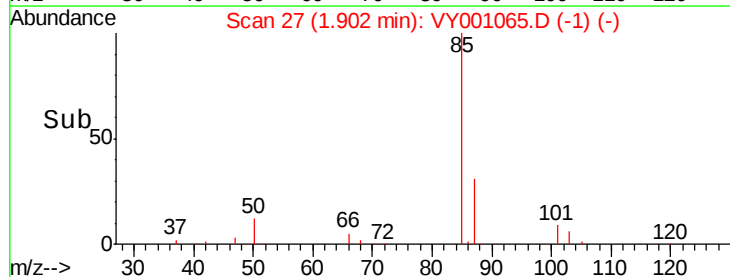
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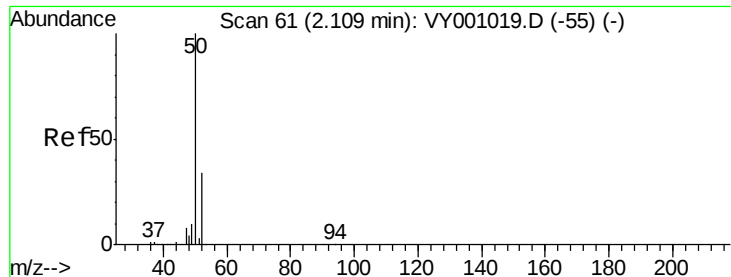
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 20.176 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY001065.D

Acq: 26 Dec 2019 12:39

Instrument :

MSVOA\_Y

ClientSampleId :

VY1226SBS01

Tot Ion: 50 Resp: 77619

Ion Ratio Lower Upper

50 100

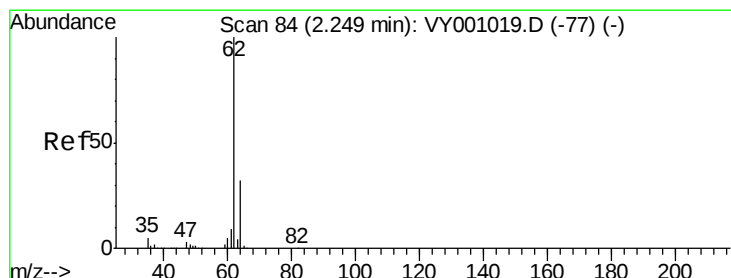
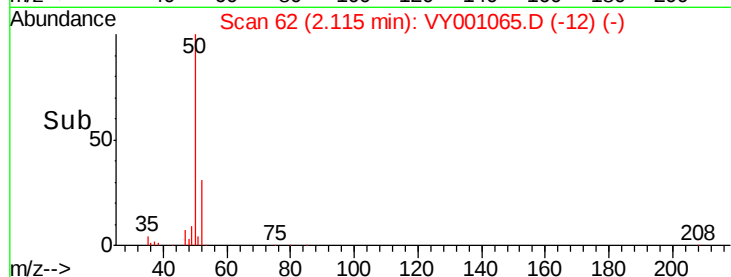
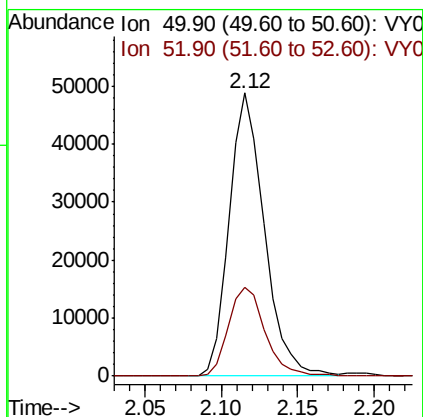
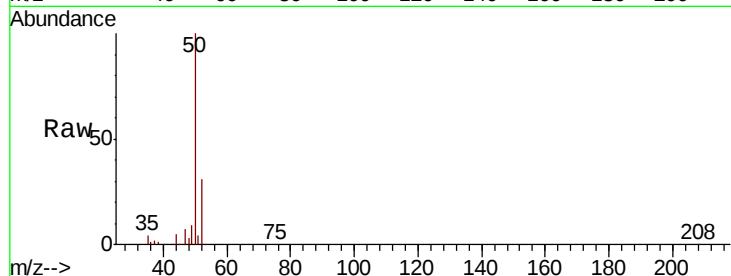
52 31.4 27.1 40.7

Manual Integrations

APPROVED

apatel

12/27/2019 11:04:33 AM



#4

Vinyl Chloride

Concen: 19.909 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY001065.D

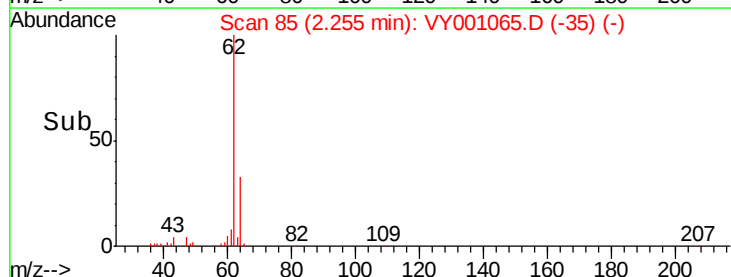
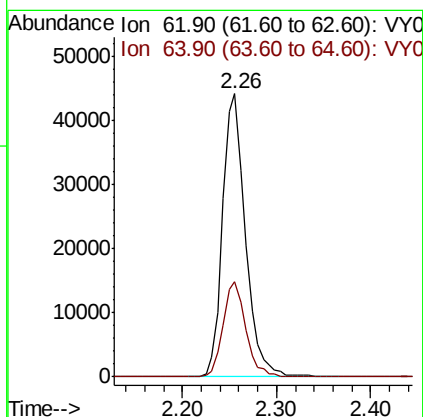
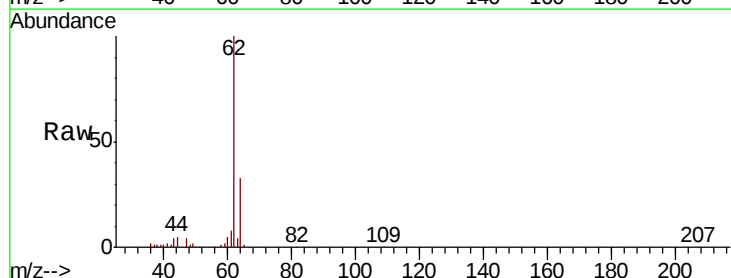
Acq: 26 Dec 2019 12:39

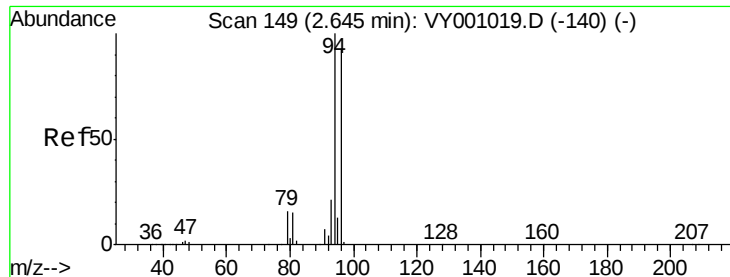
Tgt Ion: 62 Resp: 74384

Ion Ratio Lower Upper

62 100

64 33.5 25.6 38.4





#5

Bromomethane

Concen: 19.124 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY001065.D

Acq: 26 Dec 2019 12:39

Instrument :

MSVOA\_Y

ClientSampleId :

VY1226SBS01

Tot Ion: 94 Resp: 47157

Ion Ratio Lower Upper

94 100

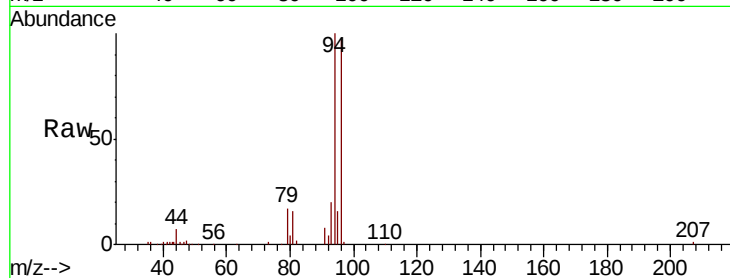
96 96.6 74.2 111.4

Manual Integrations

APPROVED

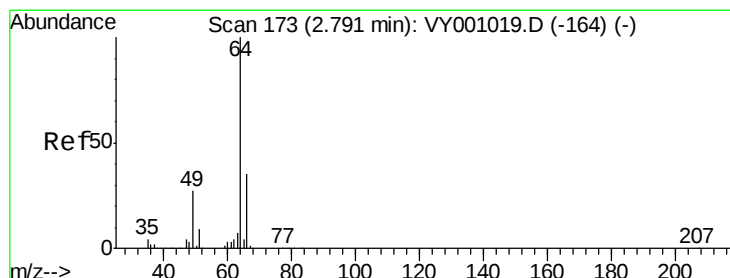
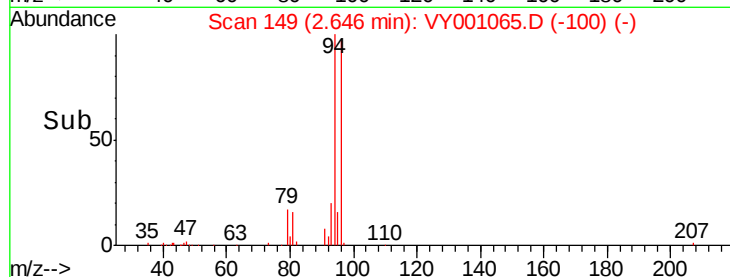
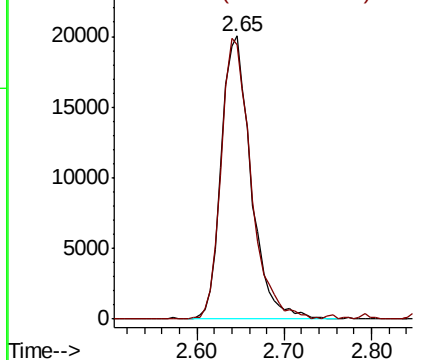
apatel

12/27/2019 11:04:33 AM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.380 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY001065.D

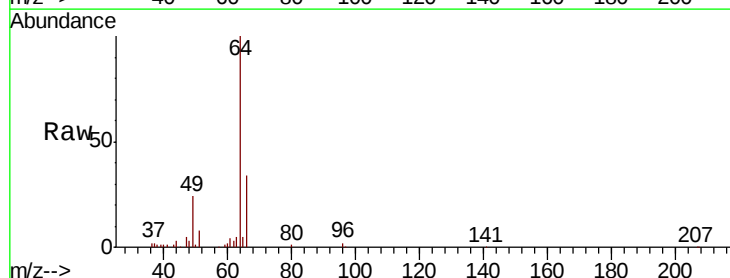
Acq: 26 Dec 2019 12:39

Tgt Ion: 64 Resp: 47424

Ion Ratio Lower Upper

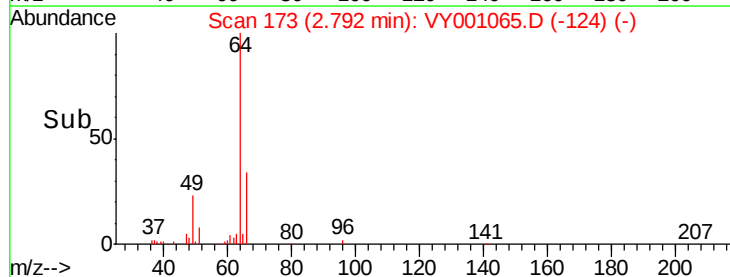
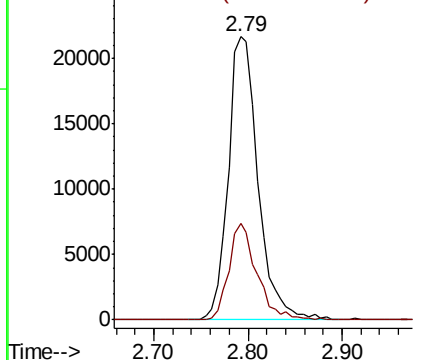
64 100

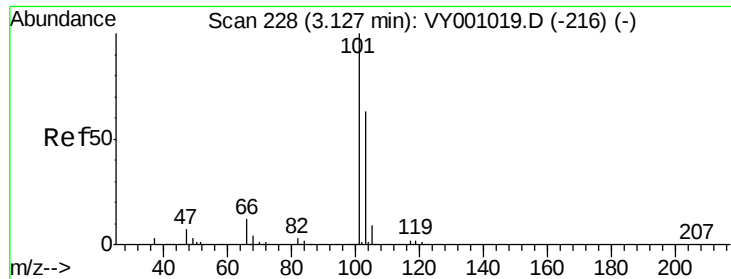
66 34.1 27.8 41.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

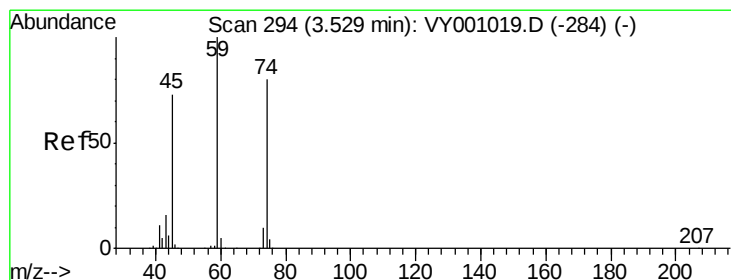
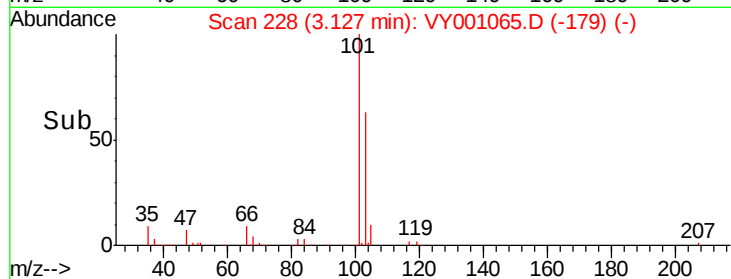
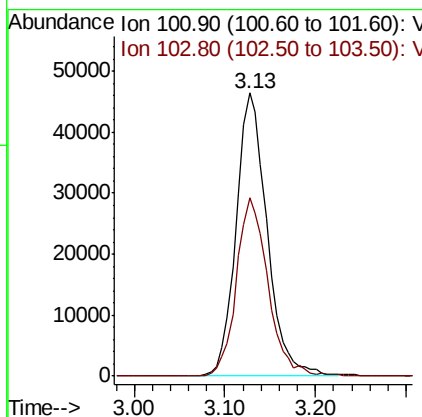
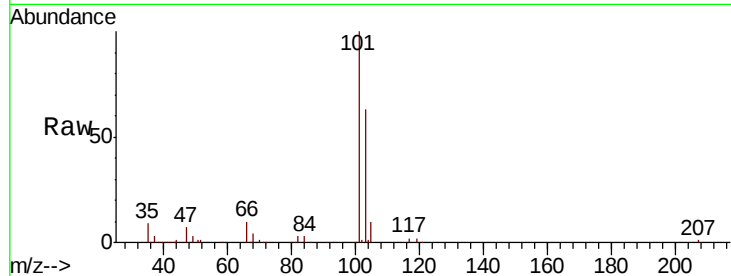
Trichlorofluoromethane  
 Concen: 20.075 ug/l  
 RT: 3.13 min Scan# 228  
 Delta R.T. 0.00 min  
 Lab File: VY001065.D  
 Acq: 26 Dec 2019 12:39

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1226SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 63.2  | 50.2  | 75.2  |

Manual Integrations  
 APPROVED

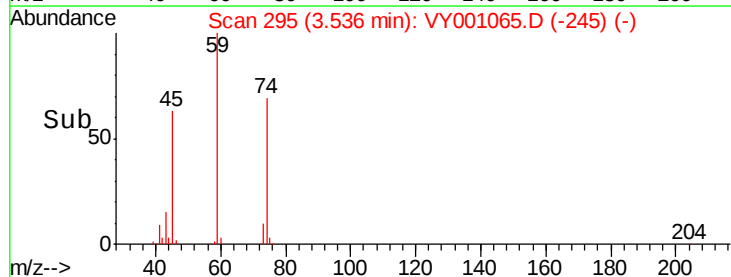
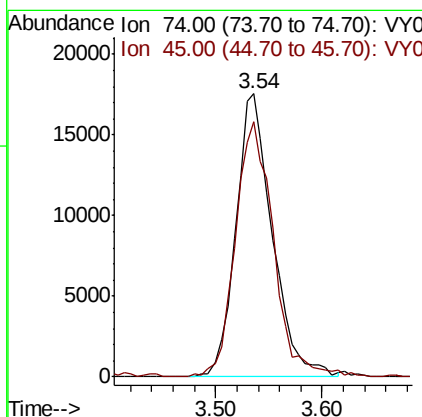
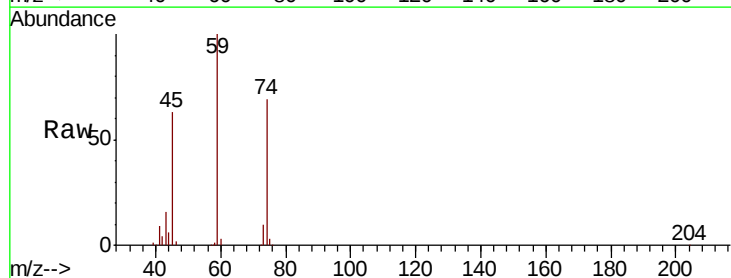
apatel  
 12/27/2019 11:04:33 AM

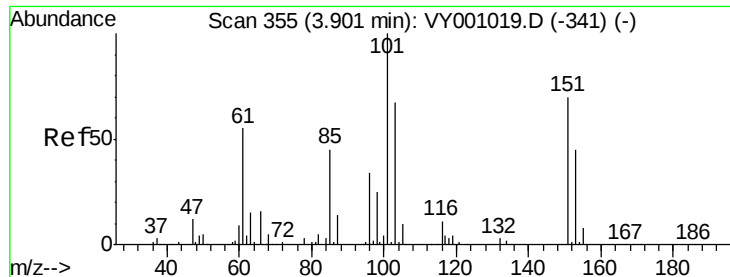


#8

Diethyl Ether  
 Concen: 18.886 ug/l  
 RT: 3.54 min Scan# 295  
 Delta R.T. 0.01 min  
 Lab File: VY001065.D  
 Acq: 26 Dec 2019 12:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 94.0  | 46.4  | 139.2 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.319 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY001065.D

Acq: 26 Dec 2019 12:39

Instrument :

MSVOA\_Y

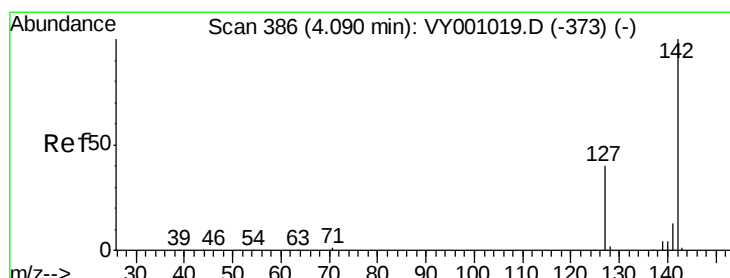
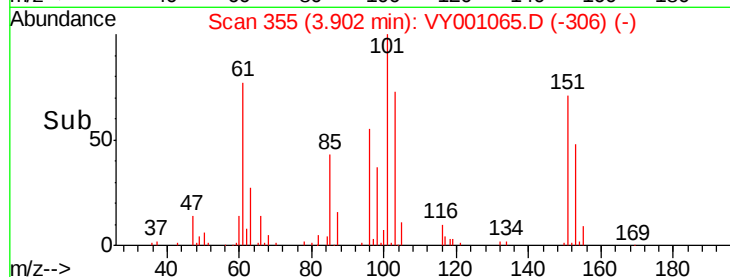
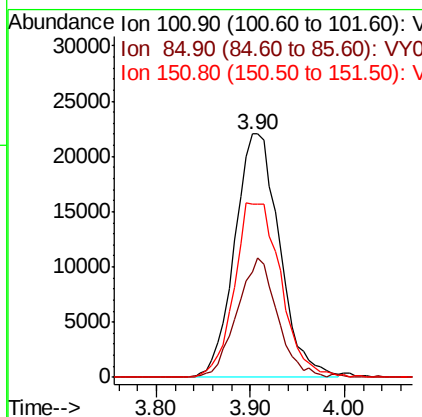
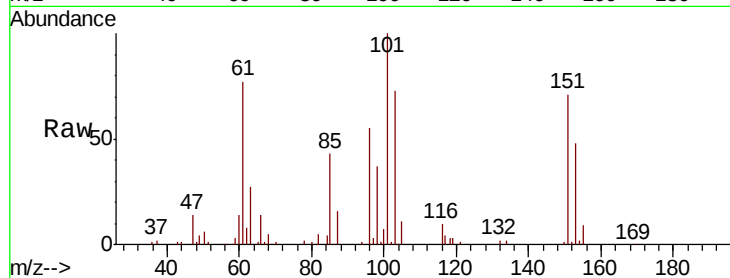
ClientSampleId :

VY1226SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 73142 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 44.0  | 34.2  | 51.2  |
| 151       | 74.5  | 57.0  | 85.6  |

Manual Integrations  
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apatel  
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#10

Methyl Iodide

Concen: 19.455 ug/l

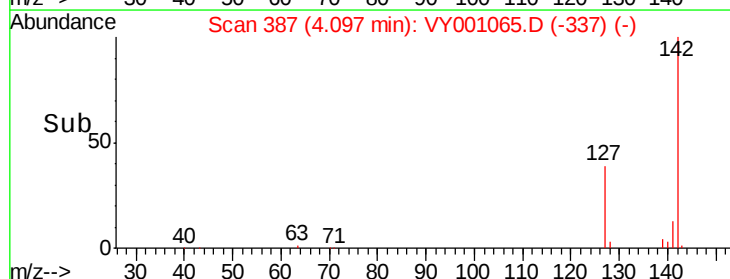
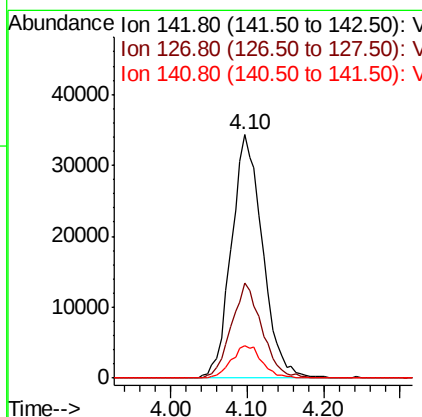
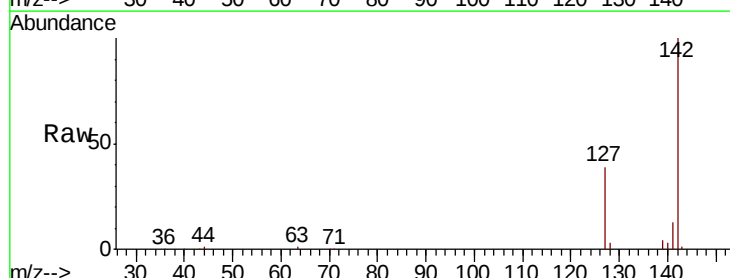
RT: 4.10 min Scan# 387

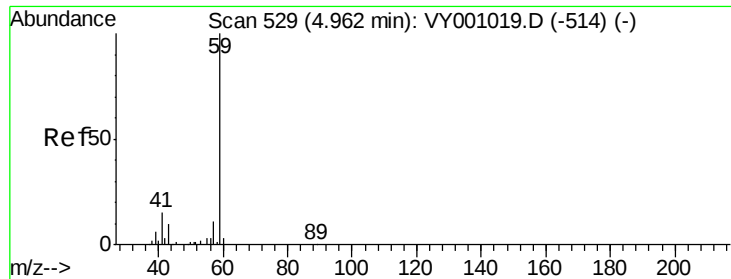
Delta R.T. 0.01 min

Lab File: VY001065.D

Acq: 26 Dec 2019 12:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 96758 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 38.1  | 31.2  | 46.8  |
| 141       | 13.1  | 11.0  | 16.4  |





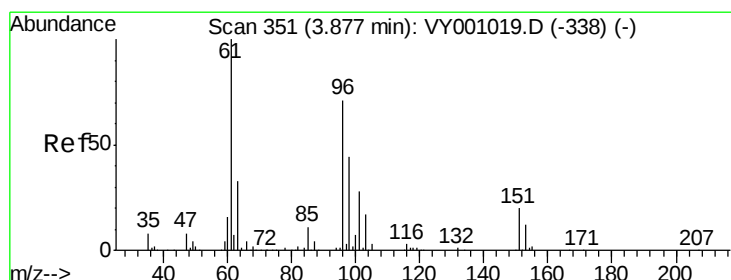
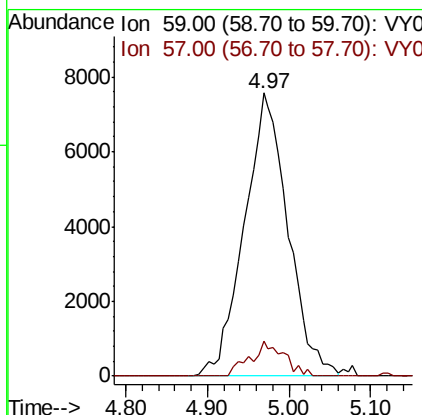
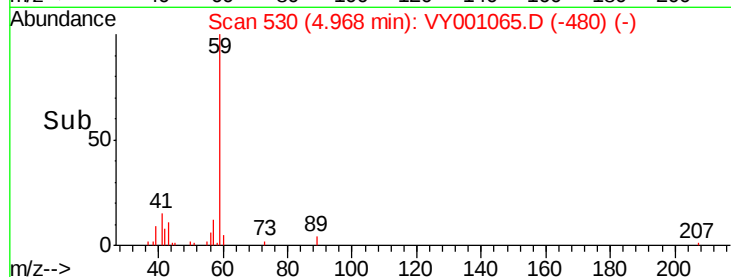
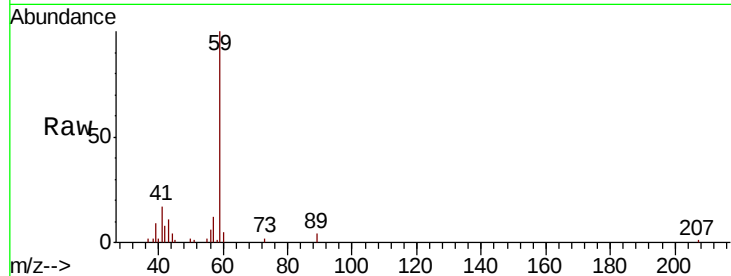
#11  
Tert butyl alcohol  
Concen: 79.931 ug/l  
RT: 4.97 min Scan# 530  
Delta R.T. 0.01 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBS01

Tot Ion: 59 Resp: 28119  
Ion Ratio Lower Upper  
59 100  
57 9.5 7.8 11.6

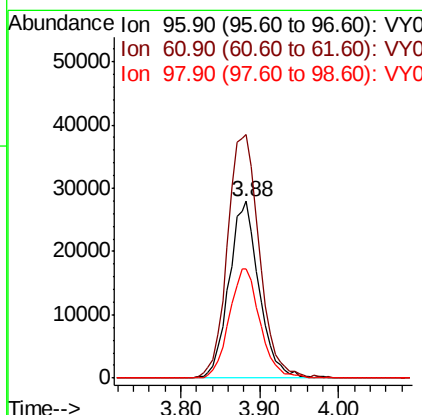
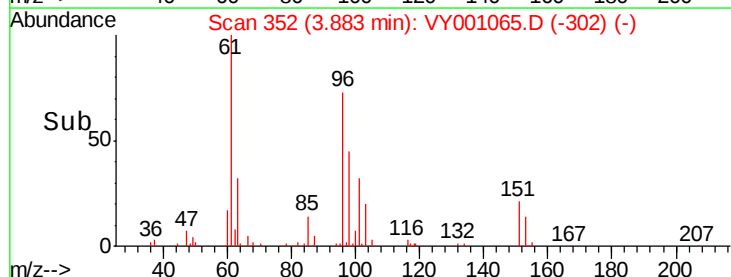
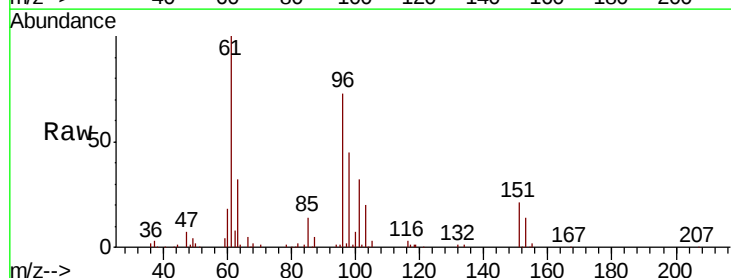
Manual Integrations  
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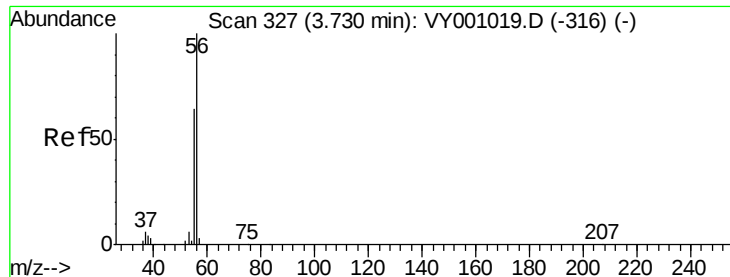
apatel  
12/27/2019 11:04:33 AM



#12  
1,1-Dichloroethene  
Concen: 20.301 ug/l  
RT: 3.88 min Scan# 352  
Delta R.T. 0.01 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

Tgt Ion: 96 Resp: 73983  
Ion Ratio Lower Upper  
96 100  
61 137.9 113.0 169.4  
98 62.1 49.8 74.8





#13

Acrolein

Concen: 79.508 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY001065.D

Acq: 26 Dec 2019 12:39

Instrument :

MSVOA\_Y

ClientSampleId :

VY1226SBS01

Tot Ion: 56 Resp: 34656

Ion Ratio Lower Upper

56 100

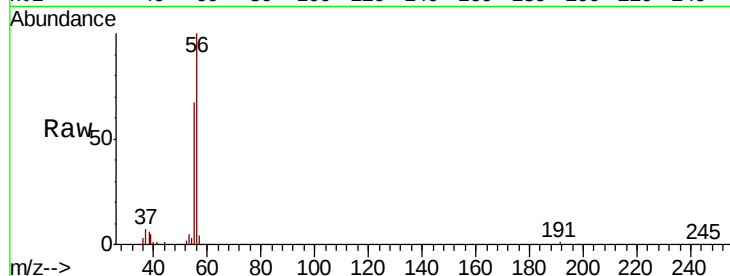
55 70.7 55.6 83.4

Manual Integrations

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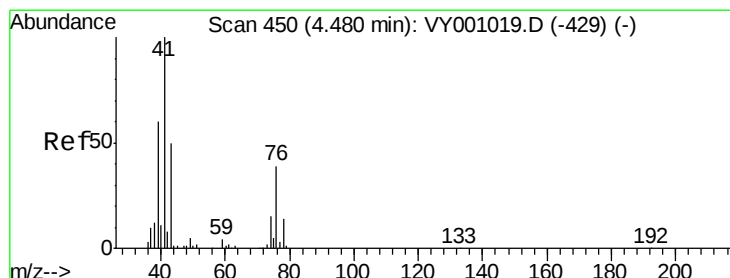
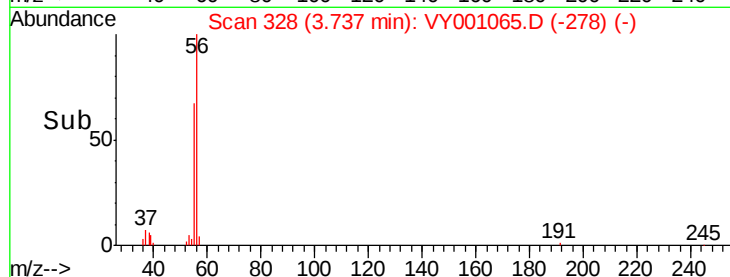
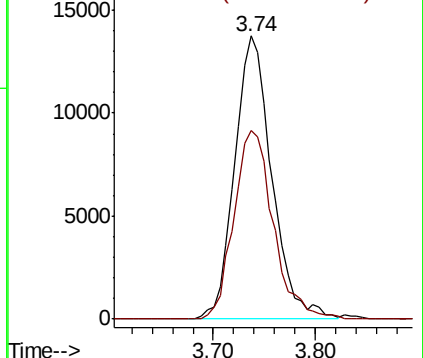
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 19.423 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY001065.D

Acq: 26 Dec 2019 12:39

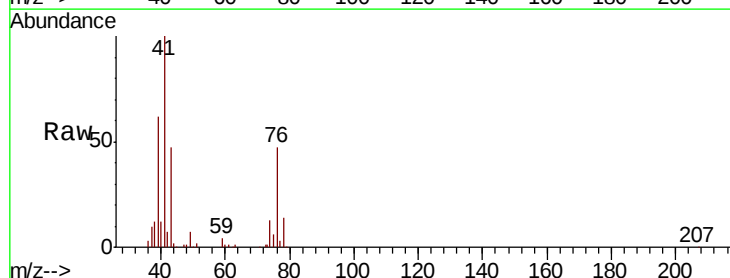
Tgt Ion: 41 Resp: 109962

Ion Ratio Lower Upper

41 100

39 59.4 46.0 69.0

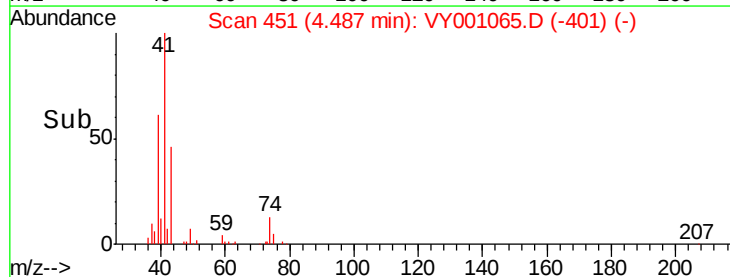
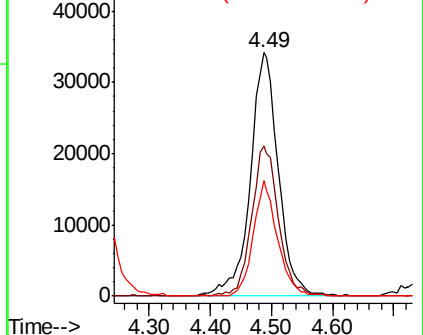
76 40.6 32.6 48.8

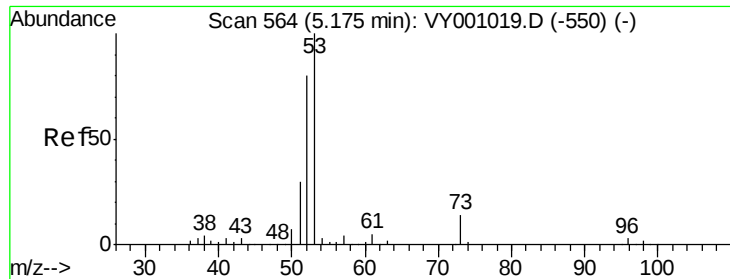


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 89.261 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY001065.D

Acq: 26 Dec 2019 12:39

Instrument :

MSVOA\_Y

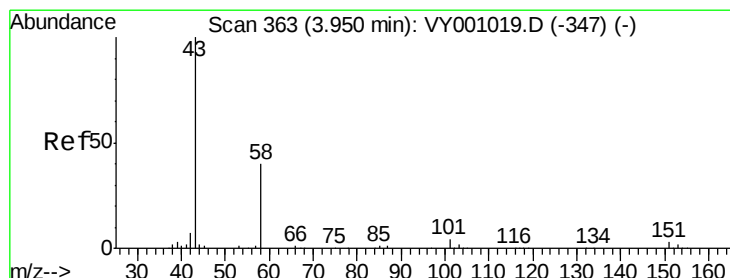
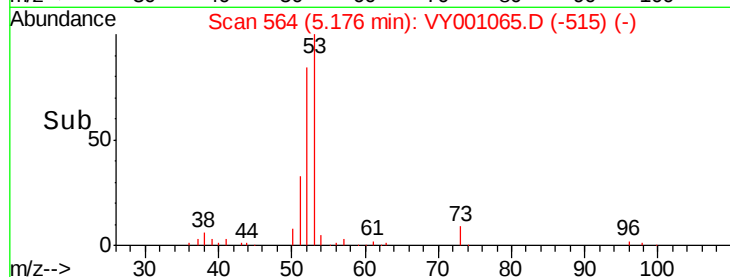
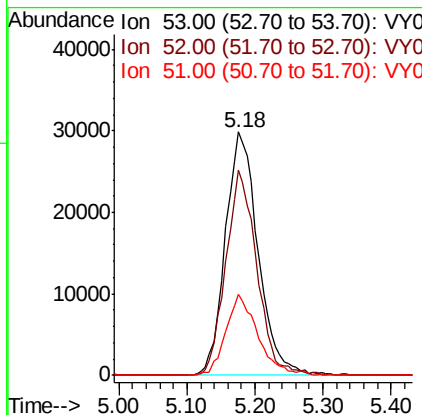
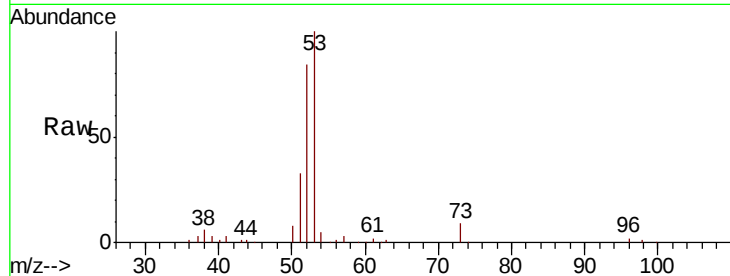
ClientSampleId :

VY1226SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 99789 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 79.8  | 63.6  | 95.4  |
| 51       | 32.5  | 26.7  | 40.1  |

Manual Integrations  
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#16

Acetone

Concen: 94.101 ug/l

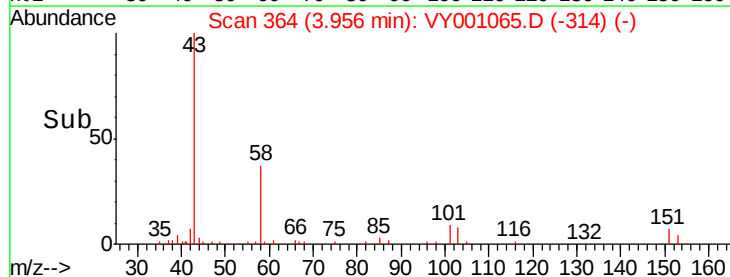
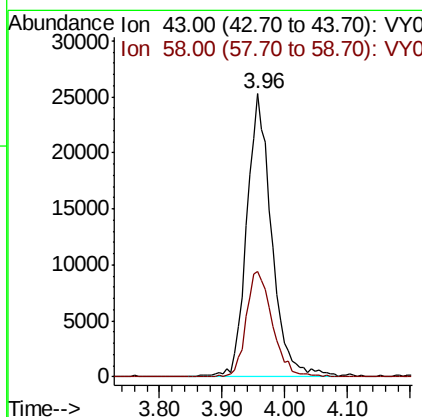
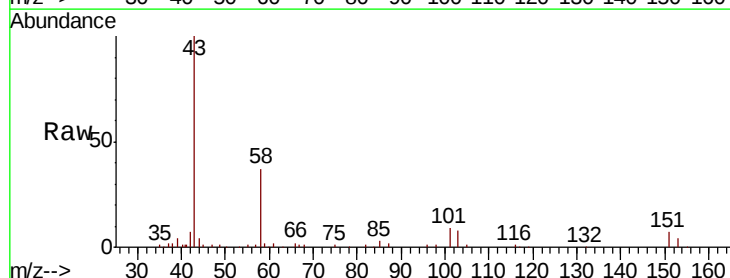
RT: 3.96 min Scan# 364

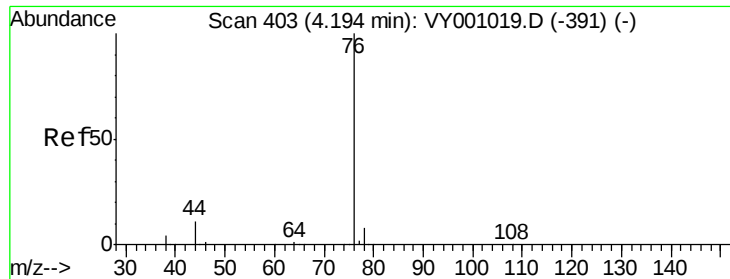
Delta R.T. 0.01 min

Lab File: VY001065.D

Acq: 26 Dec 2019 12:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 69359 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 37.3  | 32.1  | 48.1  |





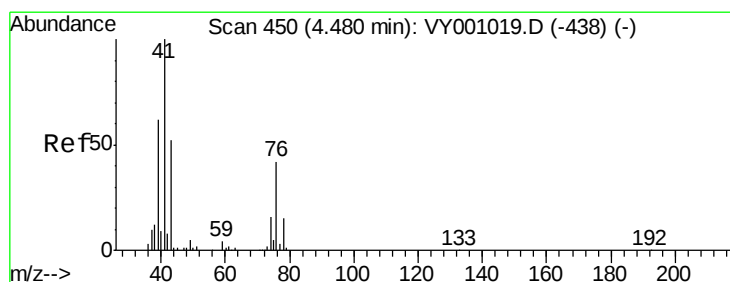
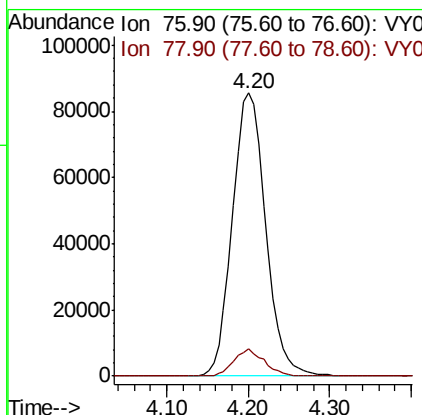
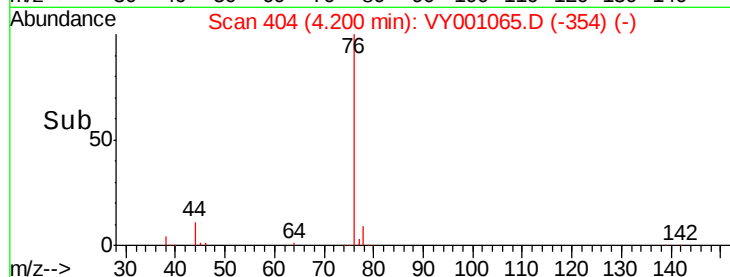
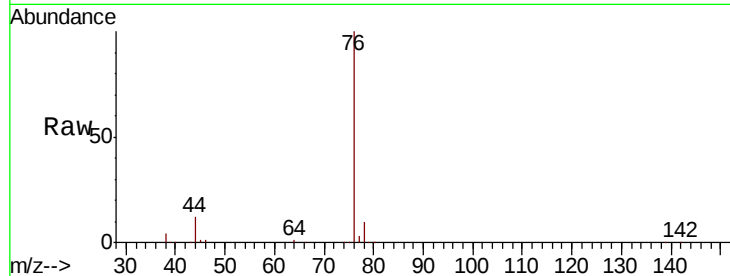
#17  
Carbon Disulfide  
Concen: 20.298 ug/l  
RT: 4.20 min Scan# 404  
Delta R.T. 0.01 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.5   | 6.7   | 10.1  |

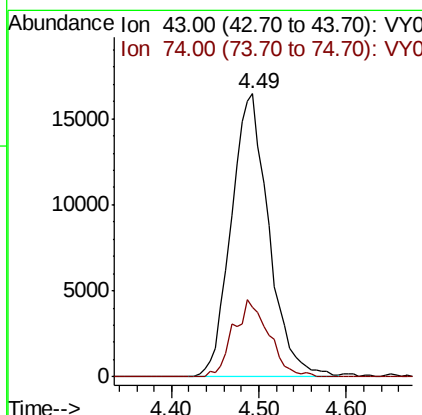
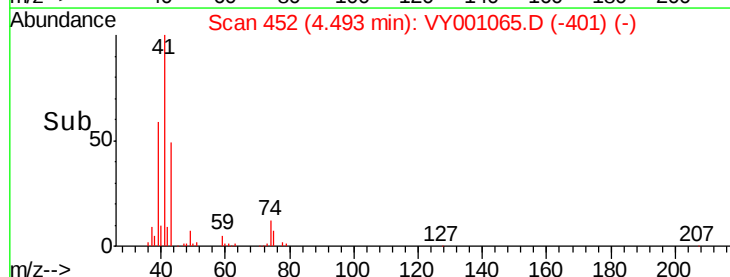
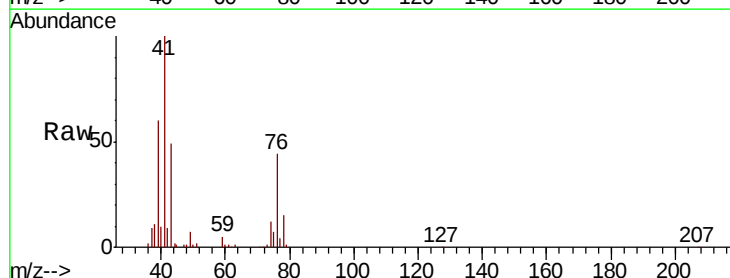
Manual Integrations  
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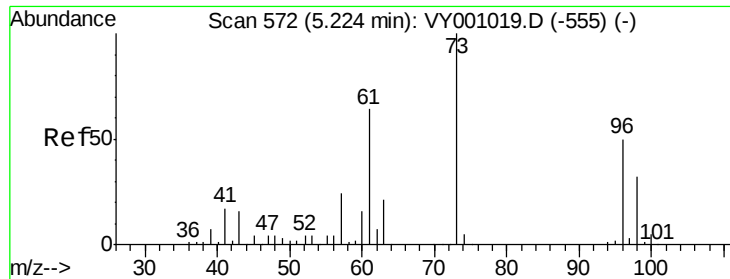
apatel  
12/27/2019 11:04:33 AM



#18  
Methyl Acetate  
Concen: 17.371 ug/l  
RT: 4.49 min Scan# 452  
Delta R.T. 0.01 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 25.7  | 20.7  | 31.1  |





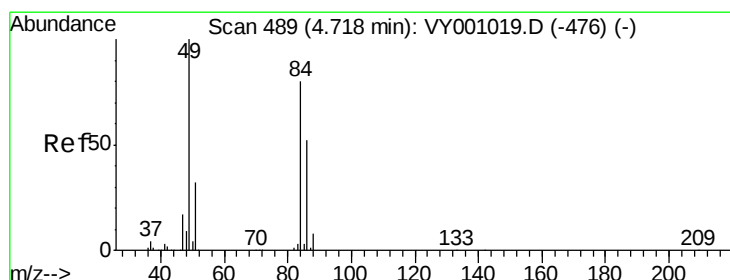
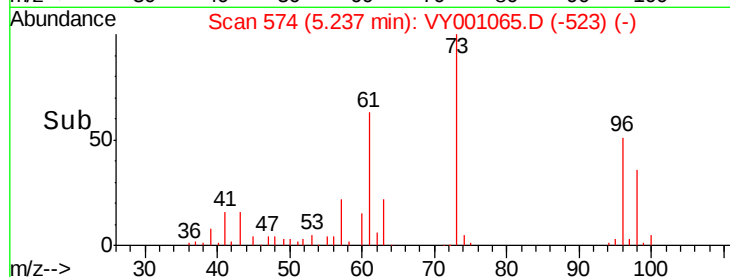
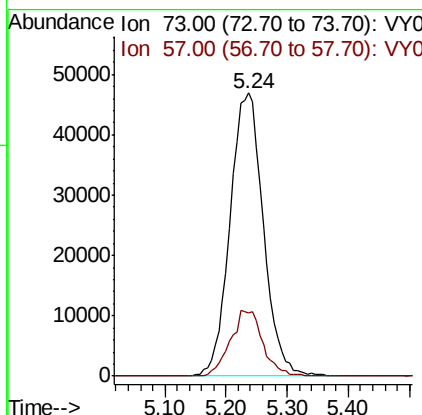
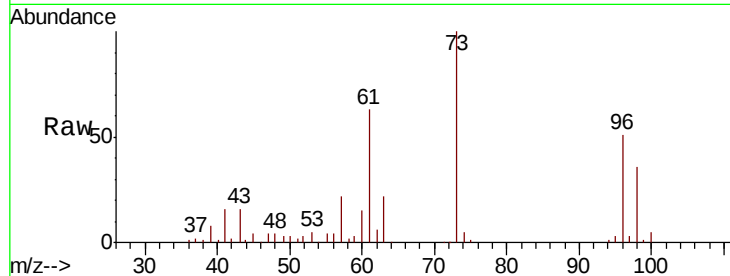
#19  
Methvl tert-butvl Ether  
Concen: 18.712 ug/l  
RT: 5.24 min Scan# 574  
Delta R.T. 0.01 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBS01

Tot Ion: 73 Resp: 176002  
Ion Ratio Lower Upper  
73 100  
57 22.2 19.0 28.6

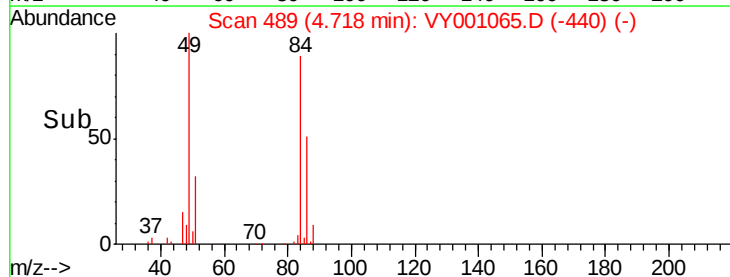
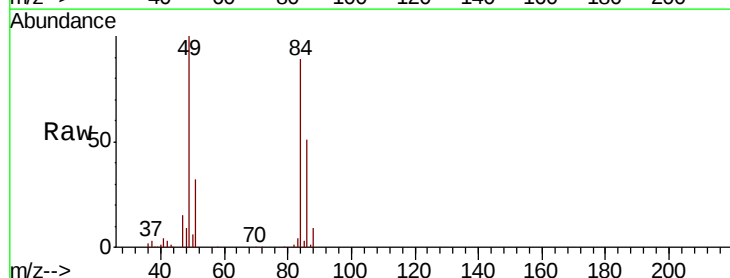
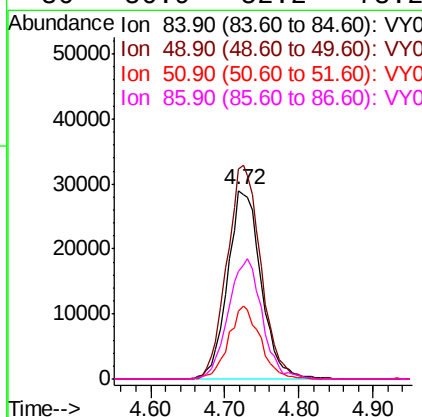
Manual Integrations  
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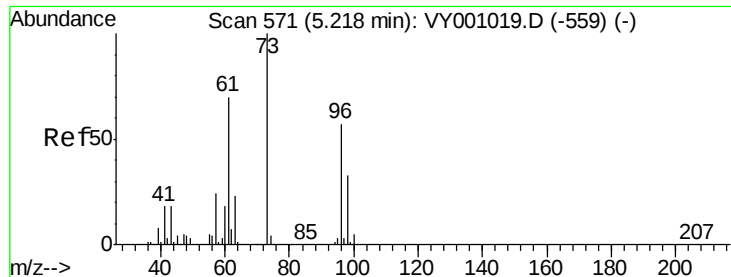
apatel  
12/27/2019 11:04:33 AM



#20  
Methylene Chloride  
Concen: 21.000 ug/l  
RT: 4.72 min Scan# 489  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

Tgt Ion: 84 Resp: 91108  
Ion Ratio Lower Upper  
84 100  
49 111.9 99.8 149.6  
51 35.8 31.4 47.2  
86 56.9 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 20.376 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY001065.D

Acq: 26 Dec 2019 12:39

Instrument :

MSVOA\_Y

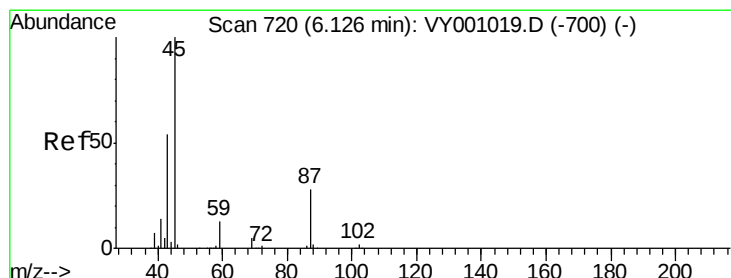
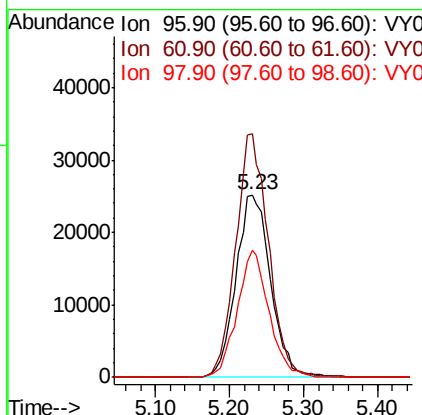
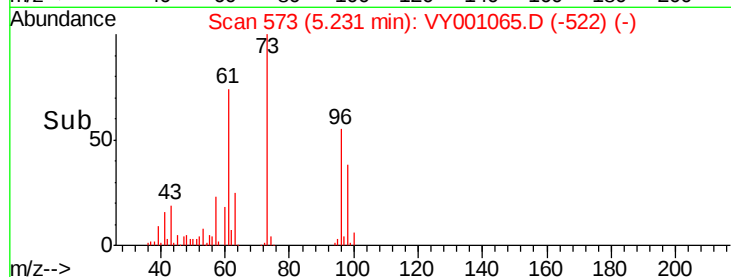
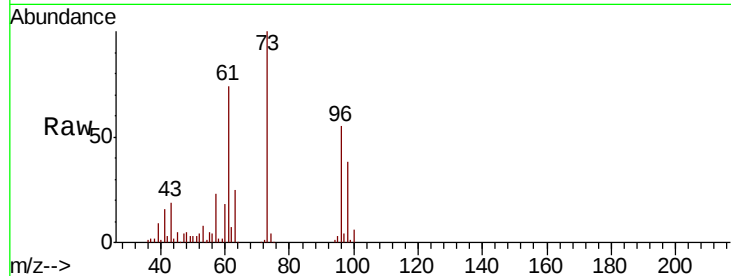
ClientSampleId :

VY1226SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 82297 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 133.4 | 98.1  | 147.1 |
| 98       | 69.5  | 47.2  | 70.8  |

Manual Integrations  
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#22

Diisopropyl ether

Concen: 19.781 ug/l

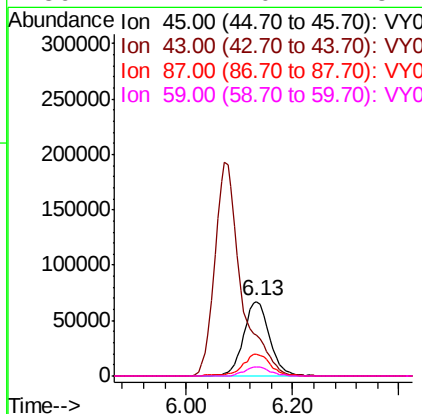
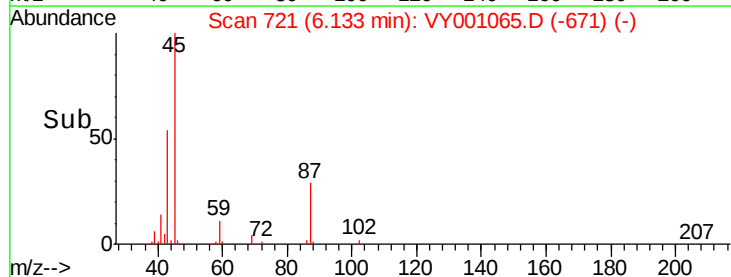
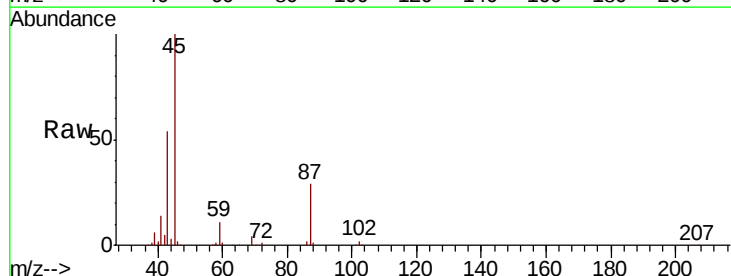
RT: 6.13 min Scan# 721

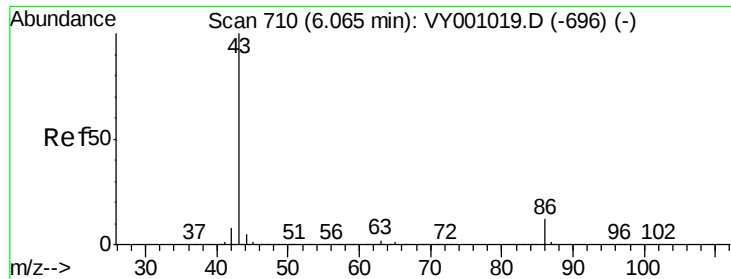
Delta R.T. 0.01 min

Lab File: VY001065.D

Acq: 26 Dec 2019 12:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 226361 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 53.9  | 43.6  | 65.4   |
| 87       | 29.5  | 23.1  | 34.7   |
| 59       | 11.4  | 10.2  | 15.4   |





#23

Vinyl Acetate

Concen: 91.602 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY001065.D

Acq: 26 Dec 2019 12:39

Instrument :

MSVOA\_Y

ClientSampleId :

VY1226SBS01

Tot Ion: 43 Resp: 662003

Ion Ratio Lower Upper

43 100

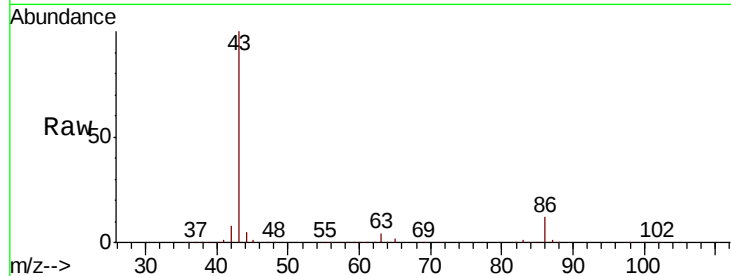
86 11.7 9.5 14.3

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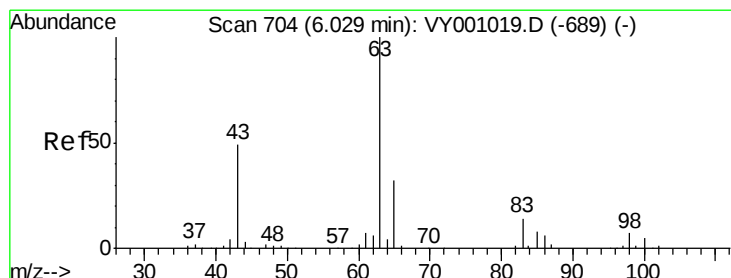
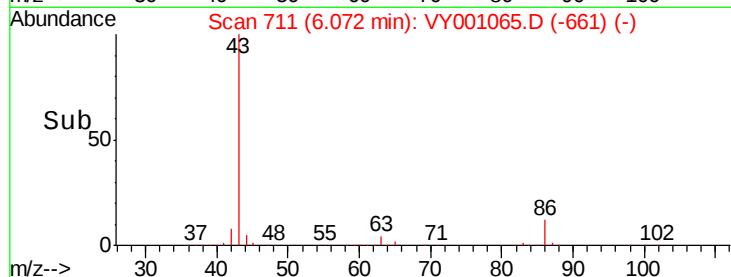
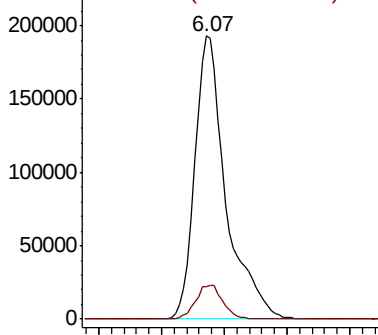
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.061 ug/l

RT: 6.04 min Scan# 705

Delta R.T. 0.01 min

Lab File: VY001065.D

Acq: 26 Dec 2019 12:39

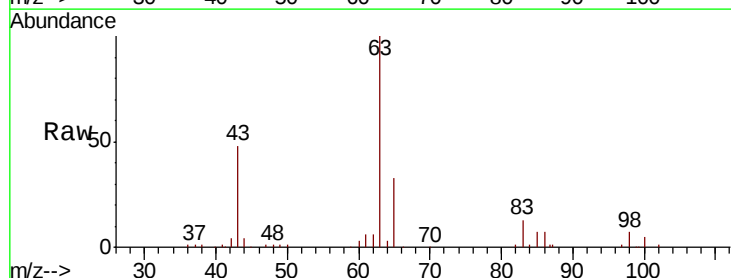
Tgt Ion: 63 Resp: 135662

Ion Ratio Lower Upper

63 100

98 6.8 3.8 11.2

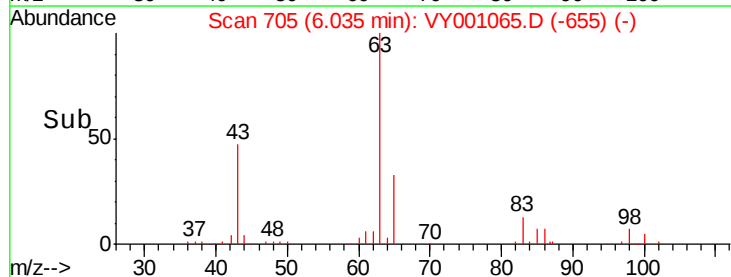
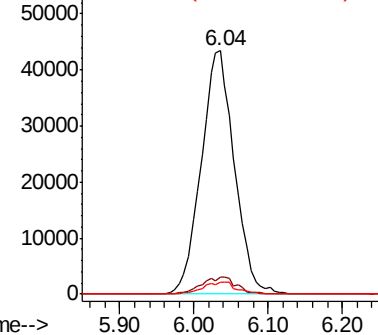
100 4.7 2.5 7.5

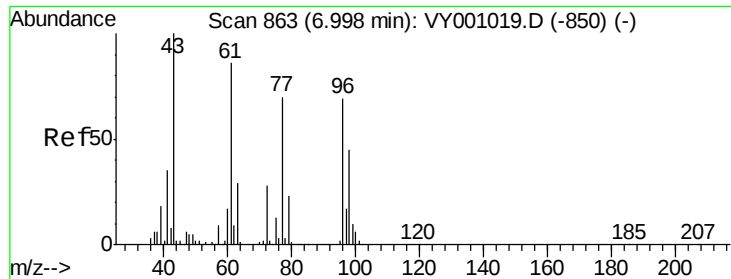


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 85.693 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY001065.D

Acq: 26 Dec 2019 12:39

Instrument :

MSVOA\_Y

ClientSampleId :

VY1226SBS01

Tot Ion: 43 Resp: 110959

Ion Ratio Lower Upper

43 100

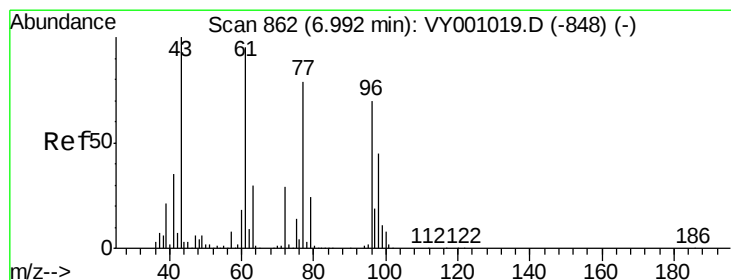
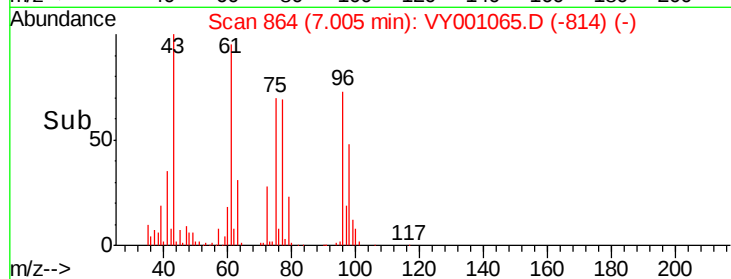
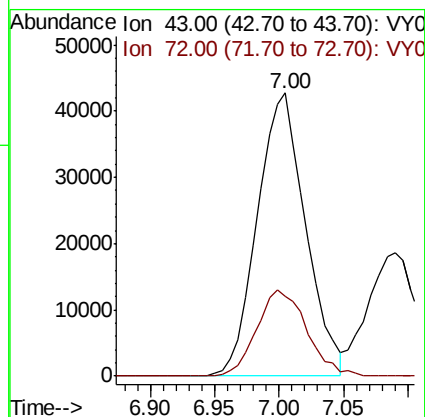
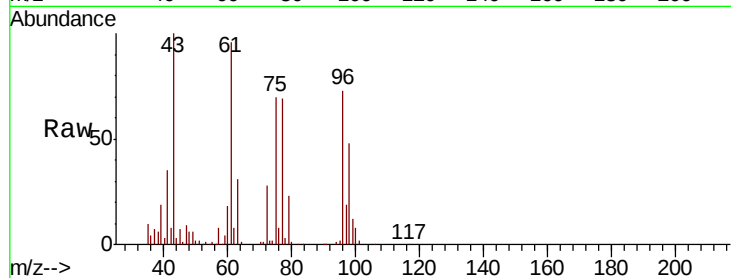
72 28.2 22.4 33.6

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#26

2,2-Dichloropropane

Concen: 19.638 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY001065.D

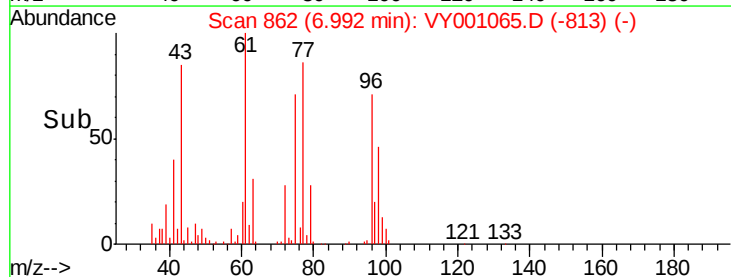
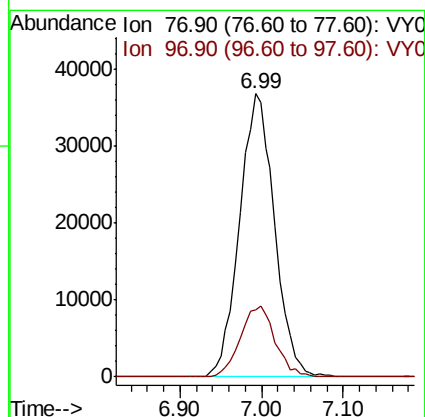
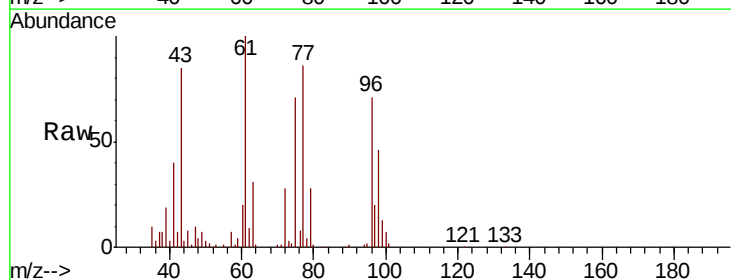
Acq: 26 Dec 2019 12:39

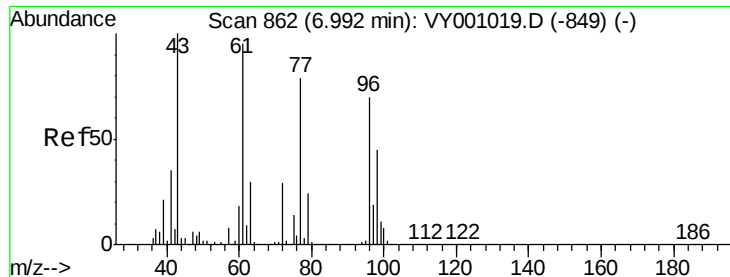
Tgt Ion: 77 Resp: 109109

Ion Ratio Lower Upper

77 100

97 25.0 12.0 36.1





#27

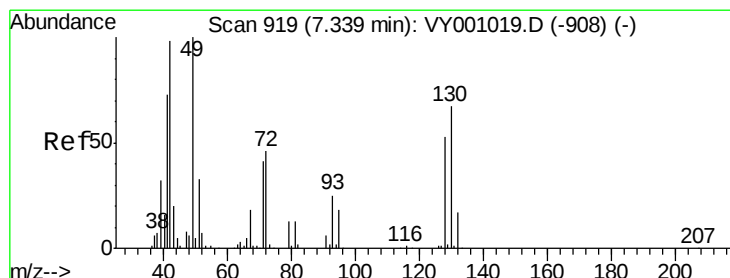
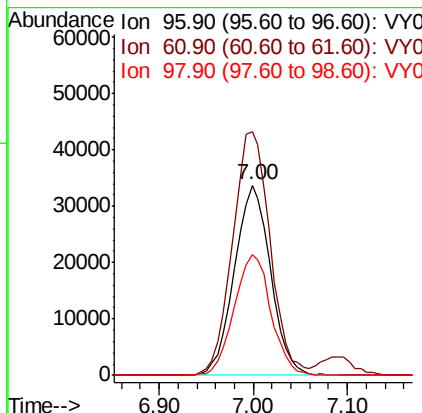
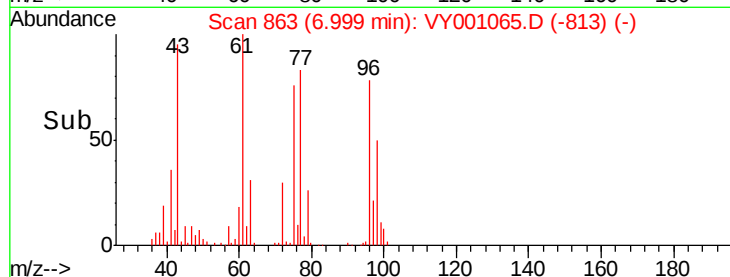
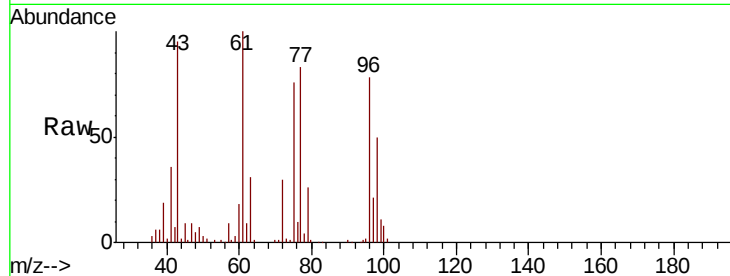
cis-1,2-Dichloroethene  
Concen: 20.366 ug/l  
RT: 7.00 min Scan# 863  
Delta R.T. 0.01 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 96      | 100   |      |       |       |
| 61      | 133.5 | 0.0  | 268.2 |       |
| 98      | 64.6  | 0.0  | 129.2 |       |

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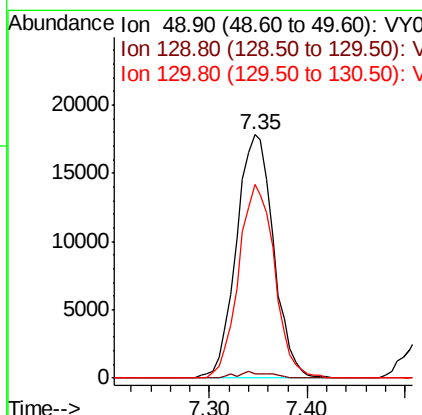
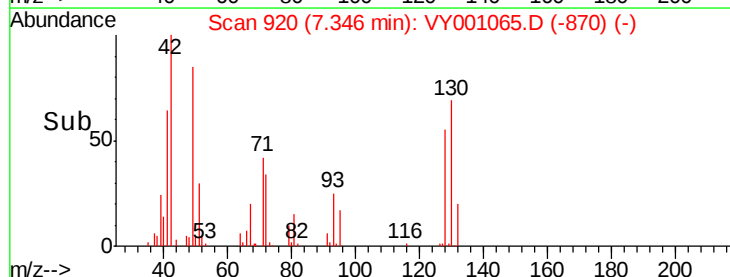
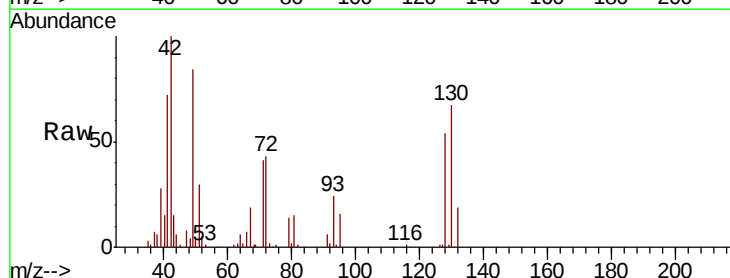
apatel  
12/27/2019 11:04:33 AM

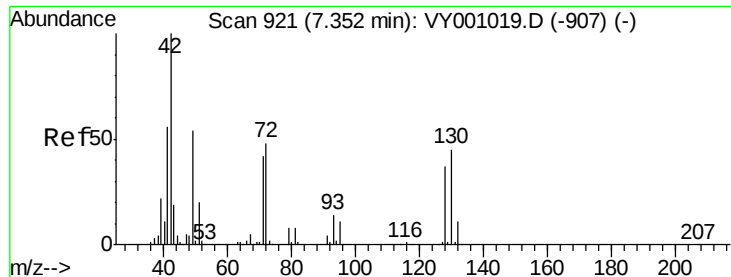


#28

Bromochloromethane  
Concen: 17.803 ug/l  
RT: 7.35 min Scan# 920  
Delta R.T. 0.01 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 49      | 100   |      |       |       |
| 129     | 2.4   | 0.0  | 3.8   |       |
| 130     | 77.4  | 60.4 | 90.6  |       |





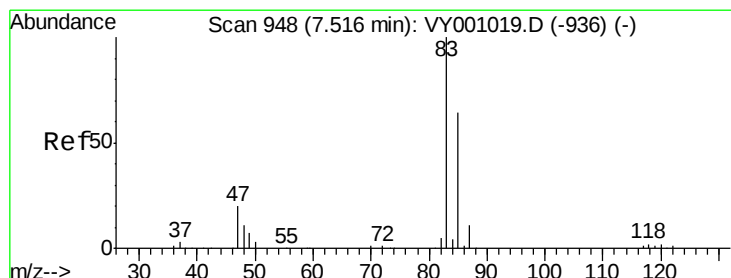
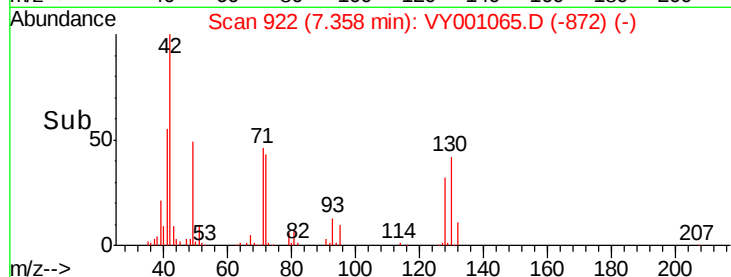
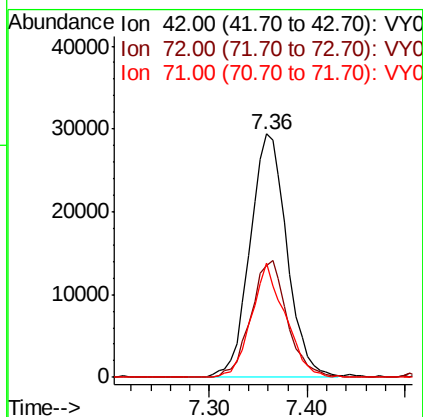
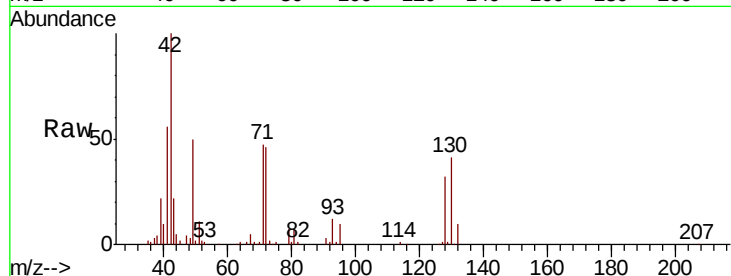
#29  
Tetrahydrofuran  
Concen: 84.178 ug/l  
RT: 7.36 min Scan# 922  
Delta R.T. 0.01 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 47.2  | 37.7  | 56.5  |
| 71      | 42.8  | 34.6  | 51.8  |

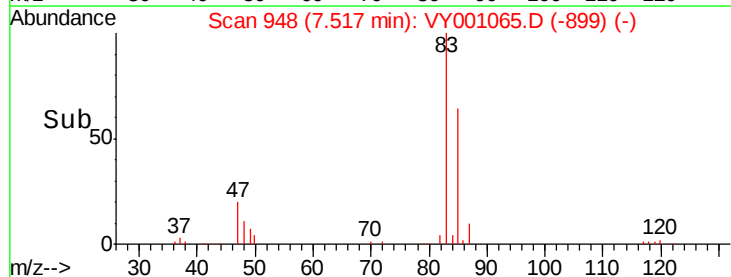
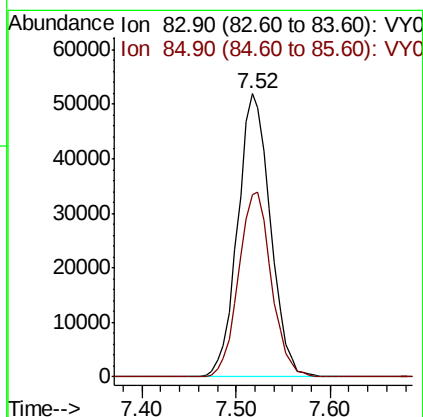
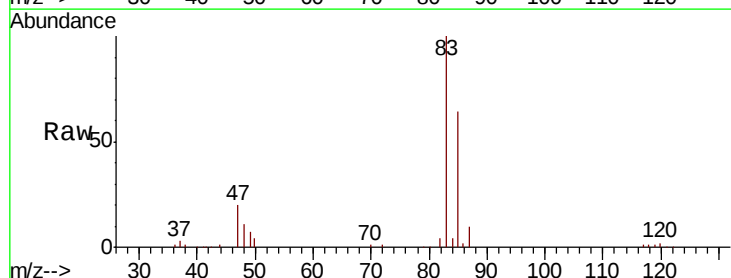
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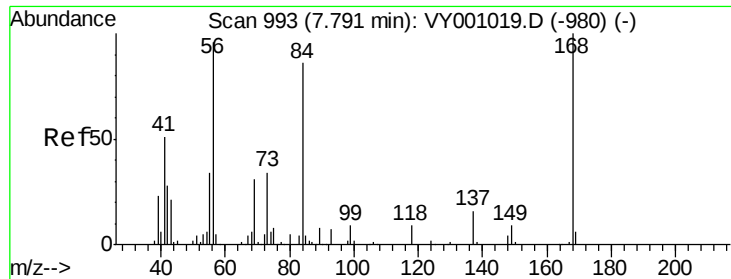
apatel  
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#30  
Chloroform  
Concen: 19.708 ug/l  
RT: 7.52 min Scan# 948  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.3  | 51.6  | 77.4  |





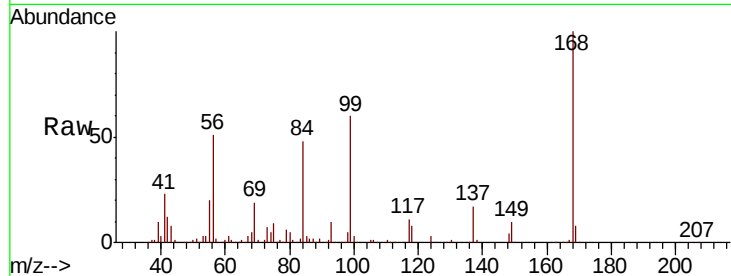
#31  
Cyclohexane  
Concen: 19.832 ug/l  
RT: 7.79 min Scan# 993  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 37.2  | 26.1  | 39.1  |
| 84      | 93.6  | 71.8  | 107.8 |

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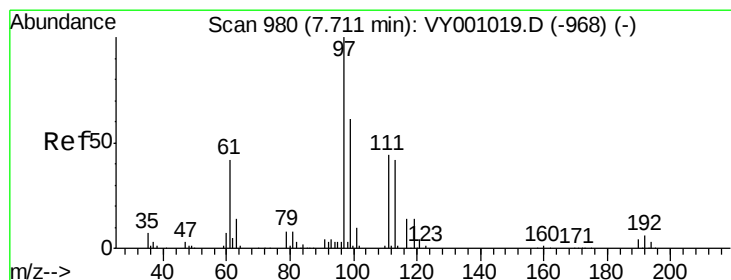
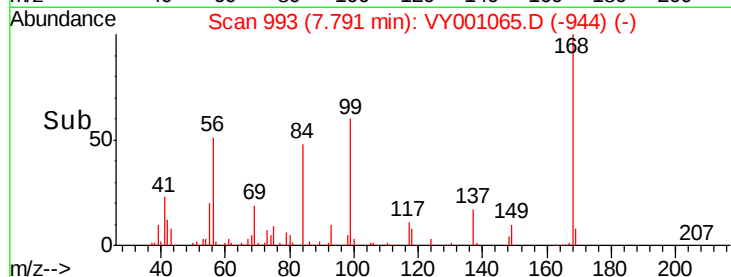
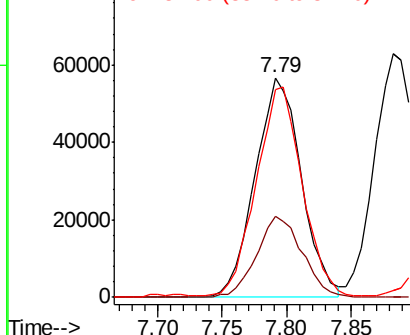


Abundance

Ion 56.00 (55.70 to 56.70): VY0

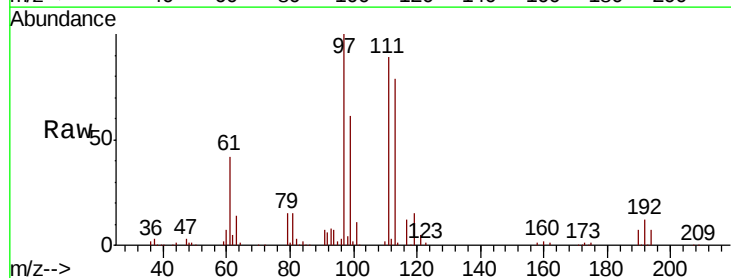
Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32  
1,1,1-Trichloroethane  
Concen: 19.806 ug/l  
RT: 7.71 min Scan# 980  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.6  | 50.6  | 76.0  |
| 61      | 41.1  | 33.0  | 49.6  |

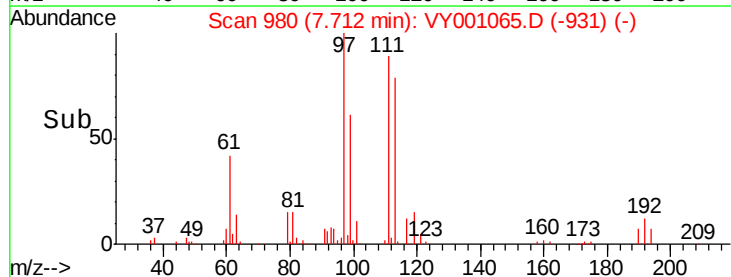
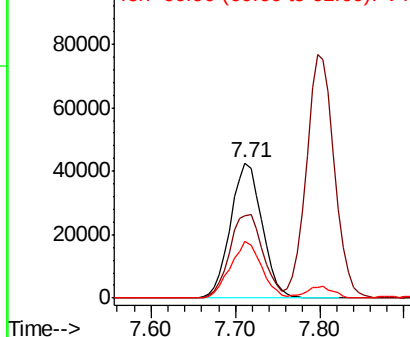


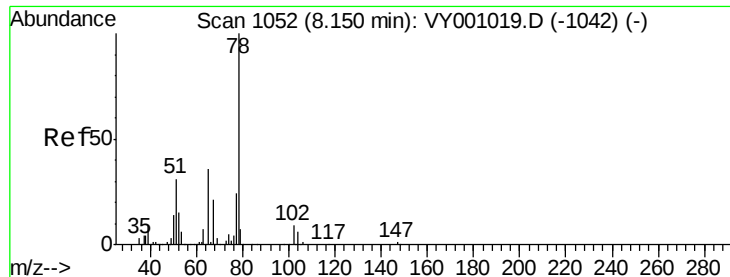
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





#33

1,2-Dichloroethane-d4

Concen: 47.646 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001065.D

Acq: 26 Dec 2019 12:39

Instrument :

MSVOA\_Y

ClientSampleId :

VY1226SBS01

Tot Ion: 65 Resp: 152442

Ion Ratio Lower Upper

65 100

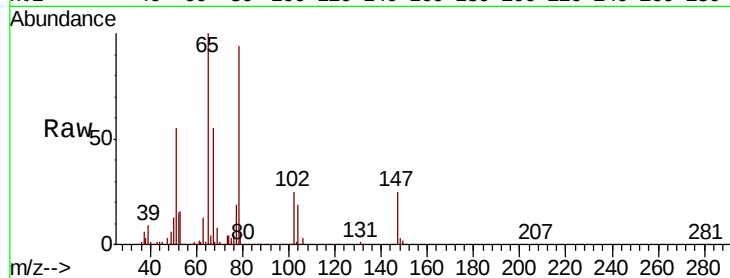
67 57.2 0.0 112.8

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Abundance Ion 64.90 (64.60 to 65.60): VY001019.D (-1042) (-)

Ion 66.90 (66.60 to 67.60): VY001019.D (-1042) (-)

8.15

60000

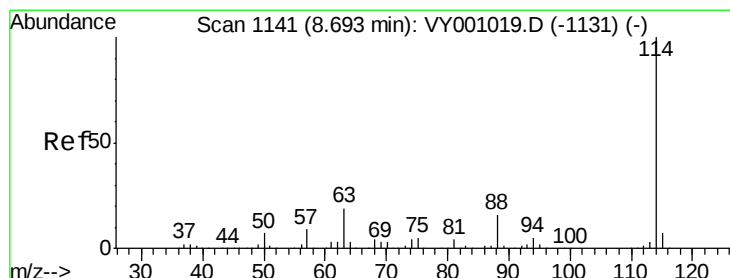
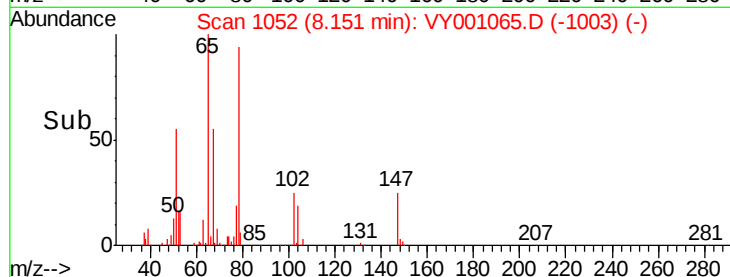
40000

20000

0

8.05 8.10 8.15 8.20 8.25

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY001065.D

Acq: 26 Dec 2019 12:39

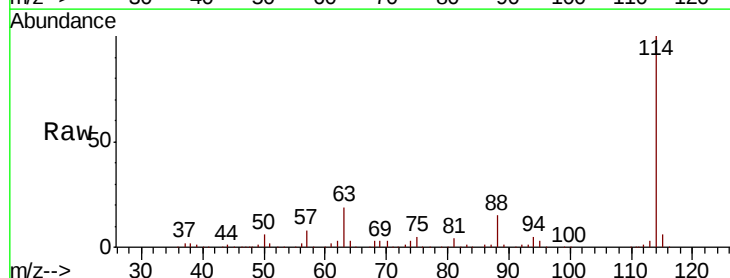
Tgt Ion: 114 Resp: 562527

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.0

88 14.7 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): VY001019.D (-1131) (-)

Ion 63.00 (62.70 to 63.70): VY001019.D (-1131) (-)

Ion 87.90 (87.60 to 88.60): VY001019.D (-1131) (-)

8.70

300000

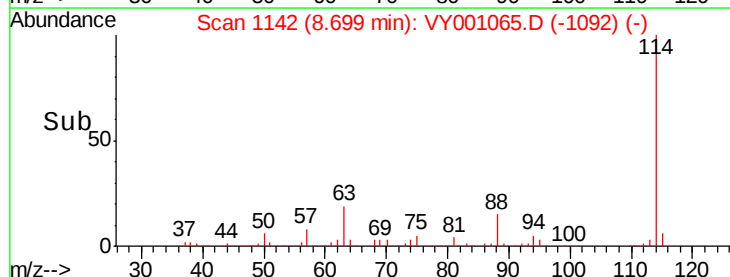
200000

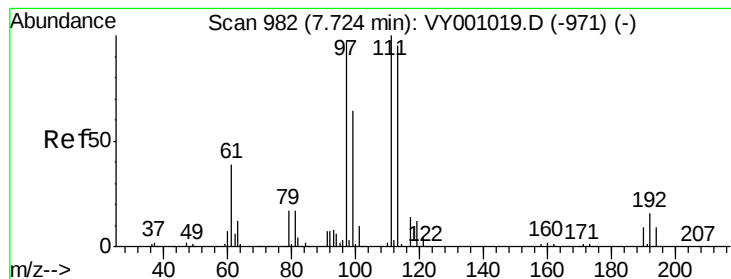
100000

0

8.60 8.70 8.80

Time-->





#35

Dibromofluoromethane

Concen: 48.670 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001065.D

Acq: 26 Dec 2019 12:39

Instrument :

MSVOA\_Y

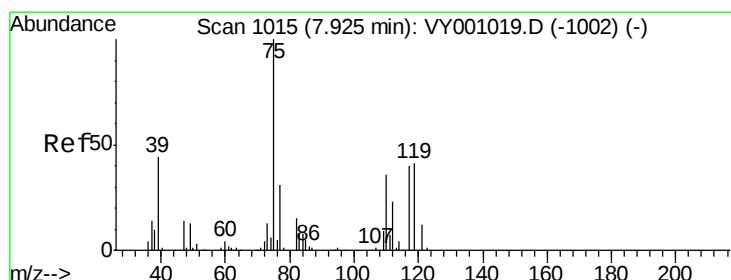
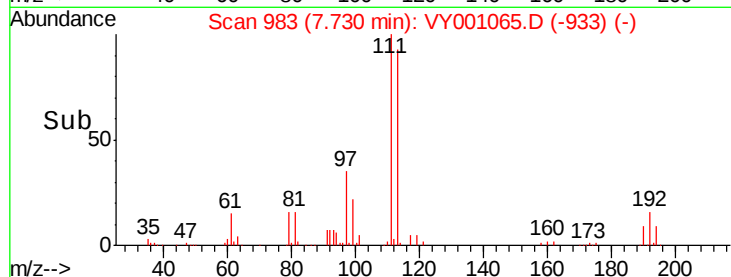
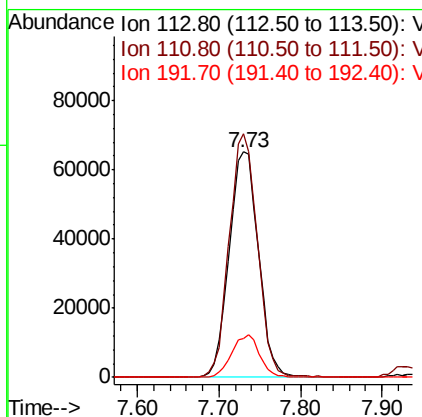
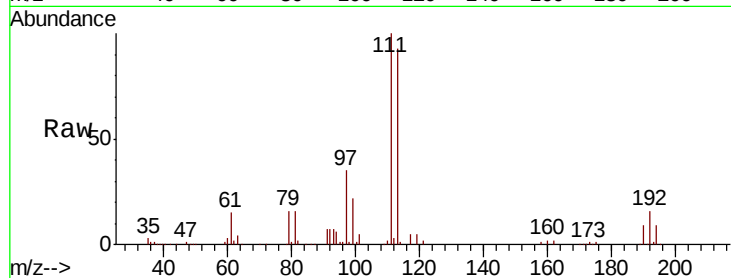
ClientSampleId :

VY1226SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 161217 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 103.3 | 83.0  | 124.4  |
| 192       | 17.8  | 14.6  | 21.8   |

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#36

1,1-Dichloropropene

Concen: 20.244 ug/l

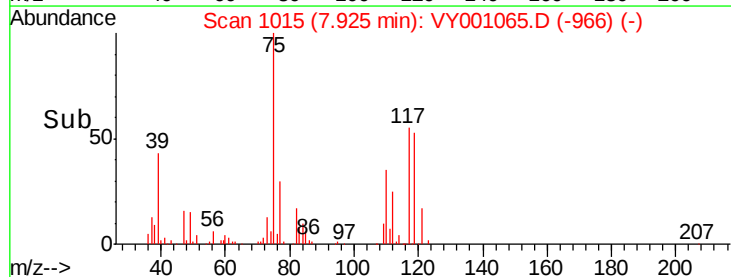
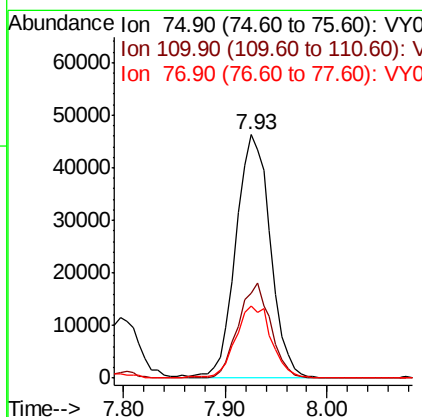
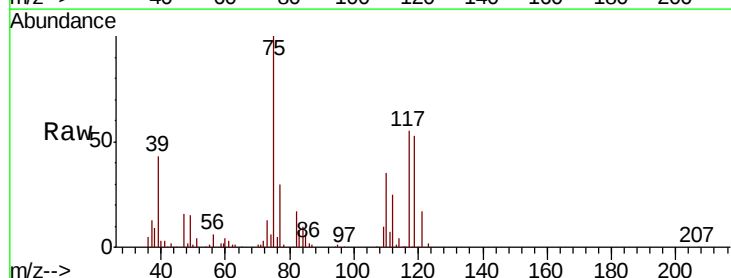
RT: 7.93 min Scan# 1015

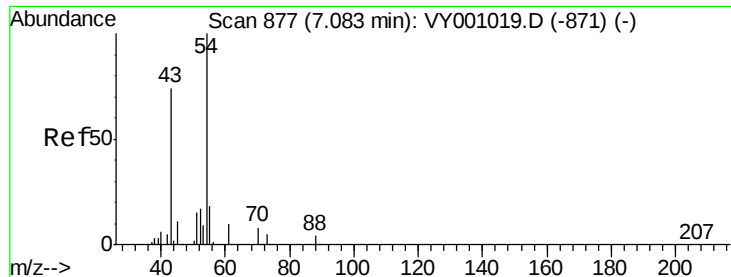
Delta R.T. 0.00 min

Lab File: VY001065.D

Acq: 26 Dec 2019 12:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 108640 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 36.8  | 18.1  | 54.4   |
| 77        | 31.1  | 24.6  | 37.0   |





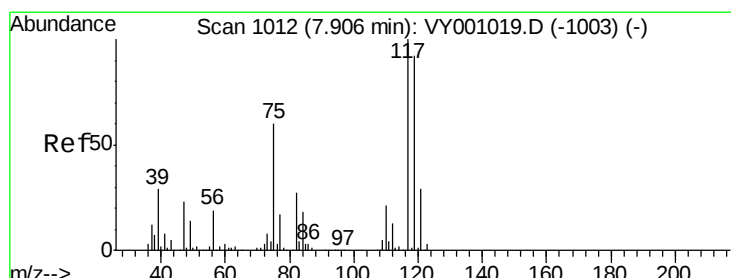
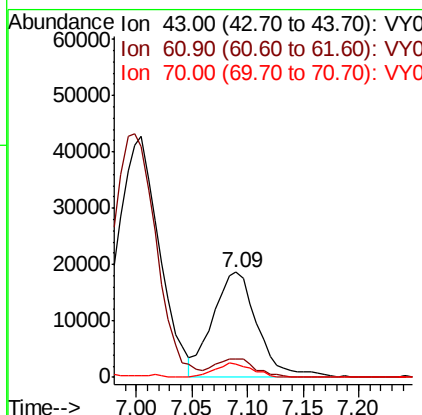
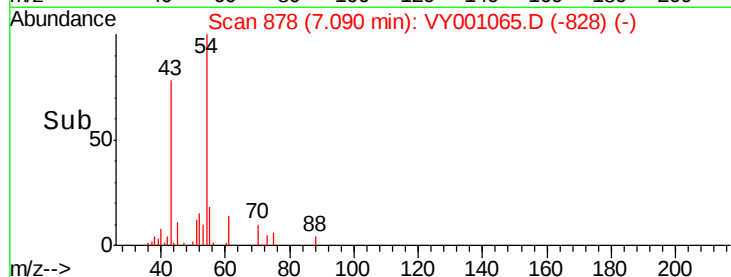
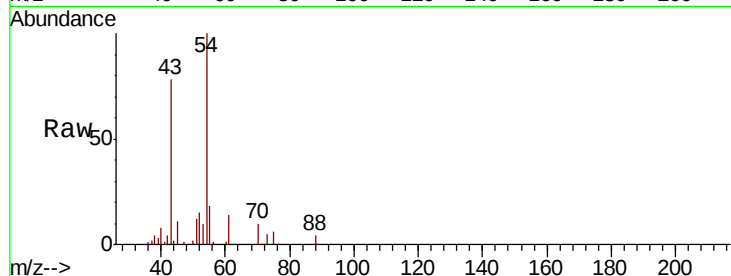
#37  
Ethyl Acetate  
Concen: 17.280 ug/l  
RT: 7.09 min Scan# 878  
Delta R.T. 0.01 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

Instrument :  
MSVOA\_Y  
ClientSampleID :  
VY1226SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 16.6  | 12.5  | 18.7  |
| 70      | 11.8  | 9.0   | 13.4  |

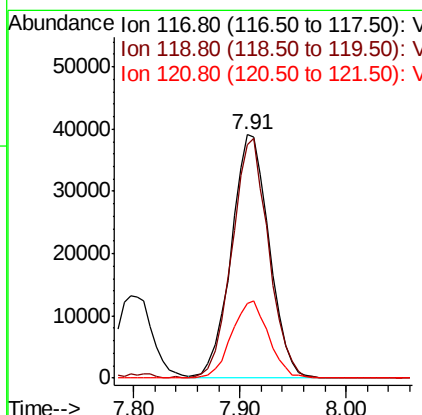
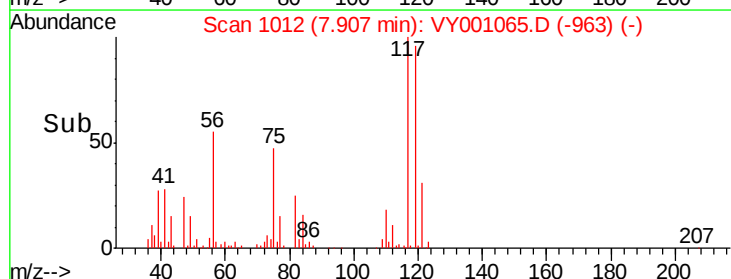
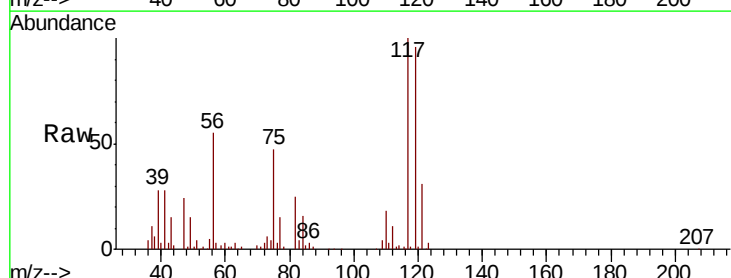
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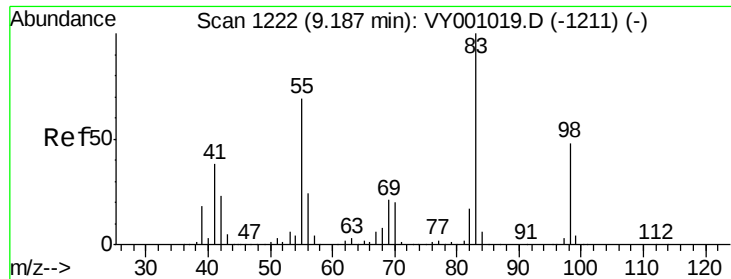
apatel  
12/27/2019 11:04:33 AM



#38  
Carbon Tetrachloride  
Concen: 20.780 ug/l  
RT: 7.91 min Scan# 1012  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.6  | 74.2  | 111.2 |
| 121     | 30.8  | 22.9  | 34.3  |





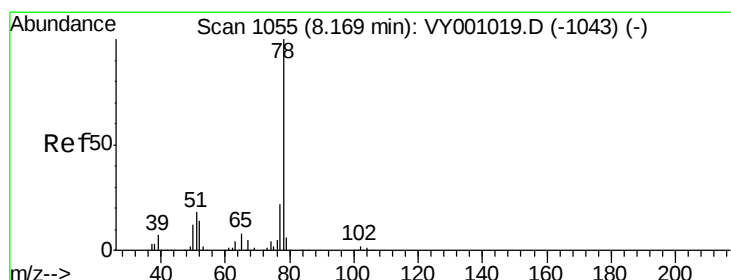
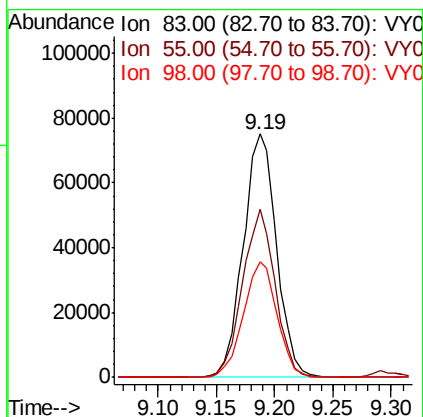
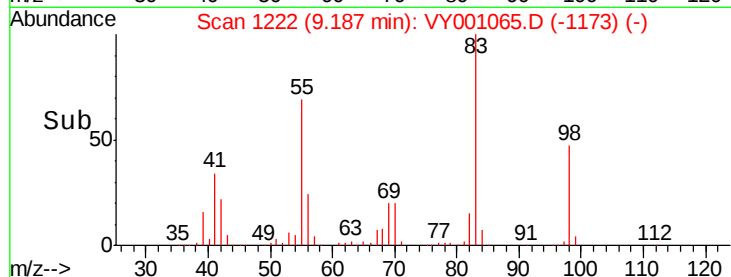
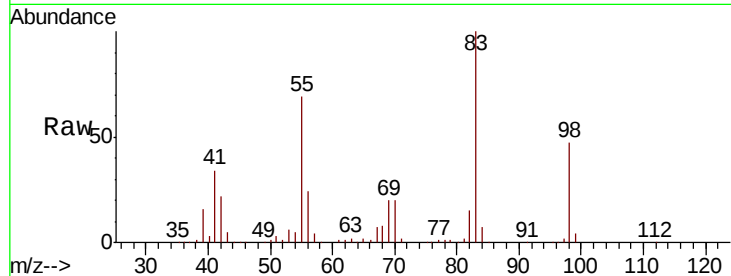
#39  
Methvlcvclohexane  
Concen: 21.003 ug/l  
RT: 9.19 min Scan# 1222  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 68.9  | 55.1  | 82.7  |
| 98      | 47.4  | 38.3  | 57.5  |

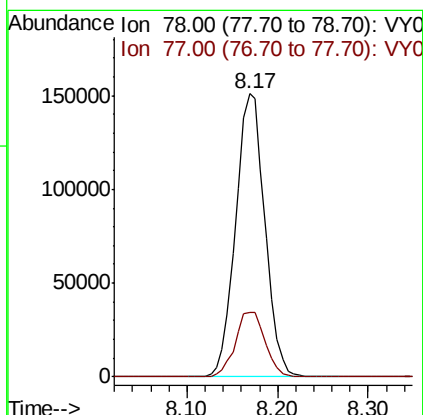
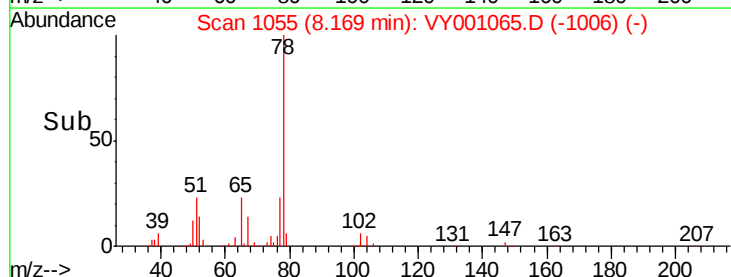
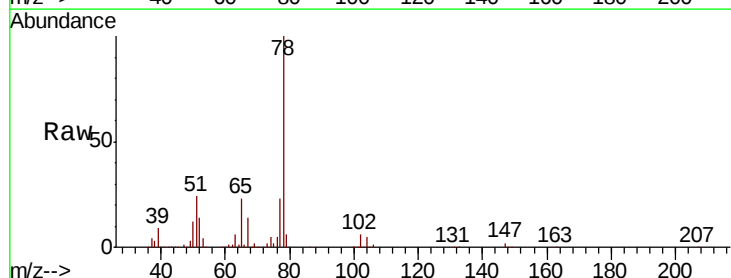
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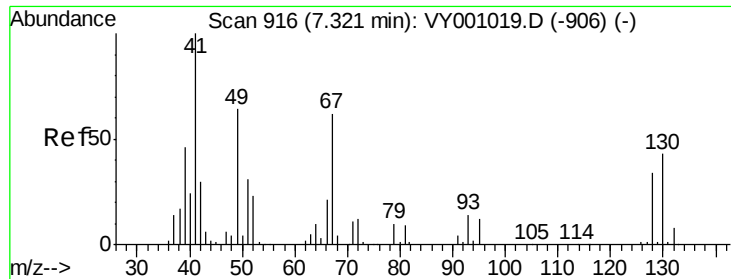
apatel  
12/27/2019 11:04:33 AM



#40  
Benzene  
Concen: 20.814 ug/l  
RT: 8.17 min Scan# 1055  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.0  | 17.7  | 26.5  |





#41

Methacrylonitrile

Concen: 20.424 ug/l m

RT: 7.33 min Scan# 918

Delta R.T. 0.01 min

Lab File: VY001065.D

Acq: 26 Dec 2019 12:39

Instrument :

MSVOA\_Y

ClientSampleId :

VY1226SBS01

Tot Ion: 41 Resp: 26312

Ion Ratio Lower Upper

41 100

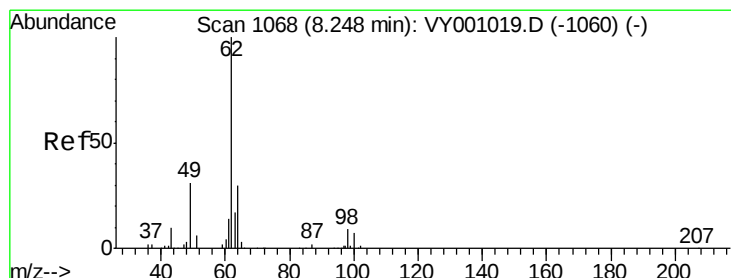
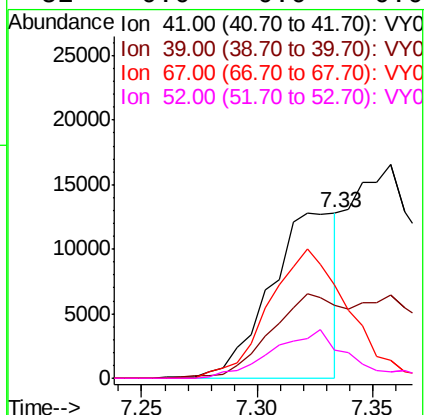
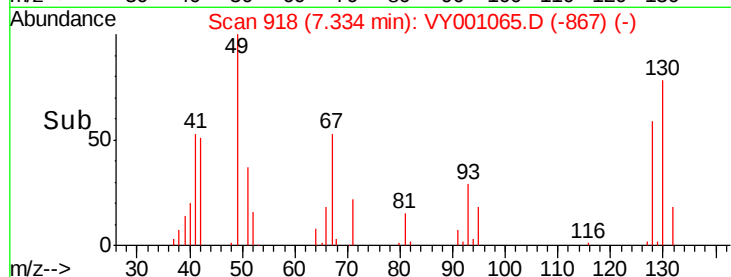
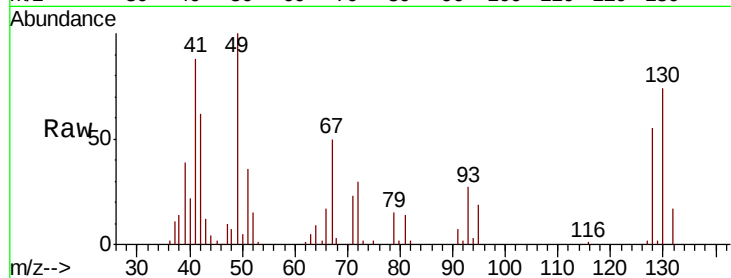
39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

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#42

1,2-Dichloroethane

Concen: 19.596 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VY001065.D

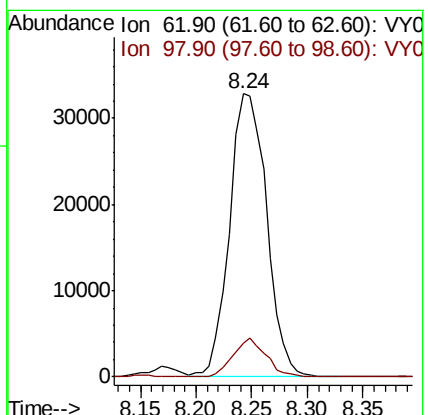
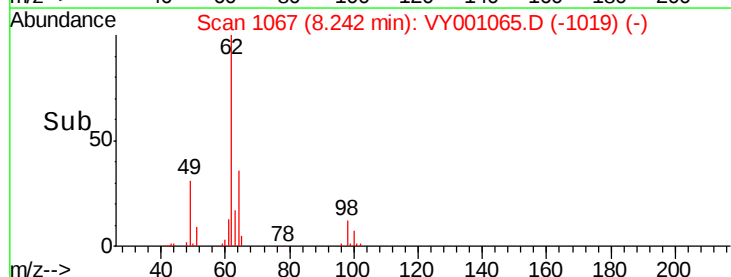
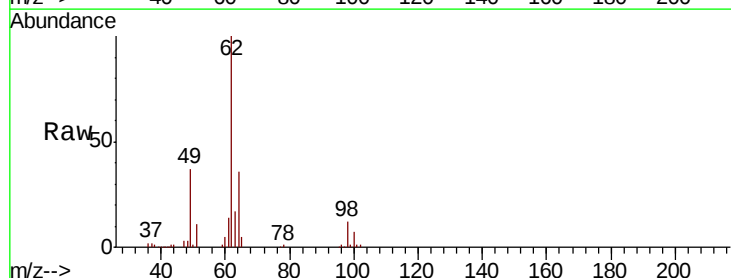
Acq: 26 Dec 2019 12:39

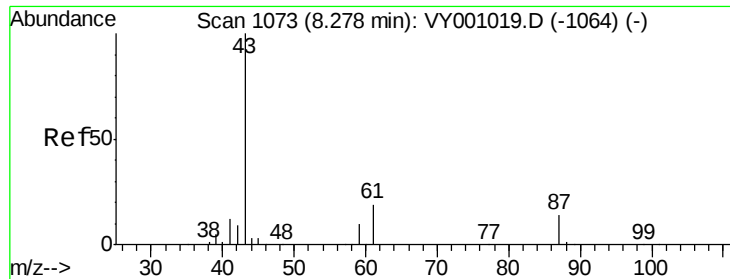
Tgt Ion: 62 Resp: 75849

Ion Ratio Lower Upper

62 100

98 12.1 0.0 23.4





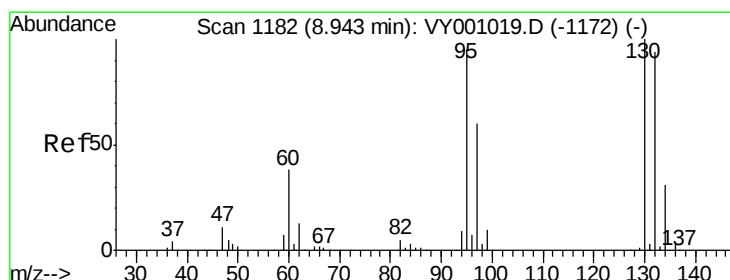
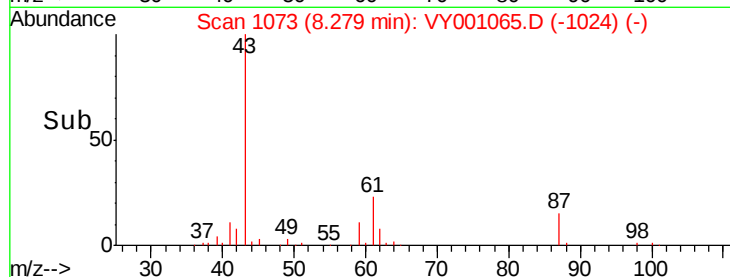
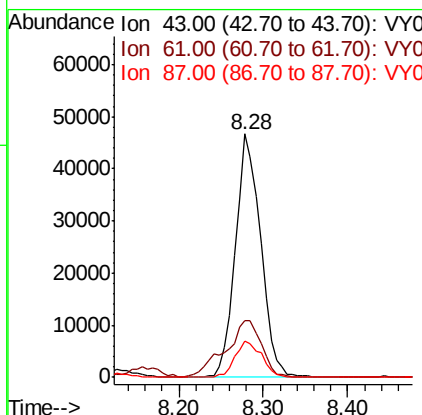
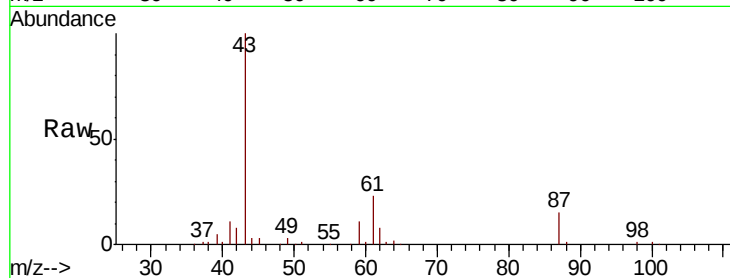
#43  
Isopropyl Acetate  
Concen: 17.125 ug/l  
RT: 8.28 min Scan# 1073  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 33.7  | 25.0  | 37.6  |
| 87      | 15.6  | 12.0  | 18.0  |

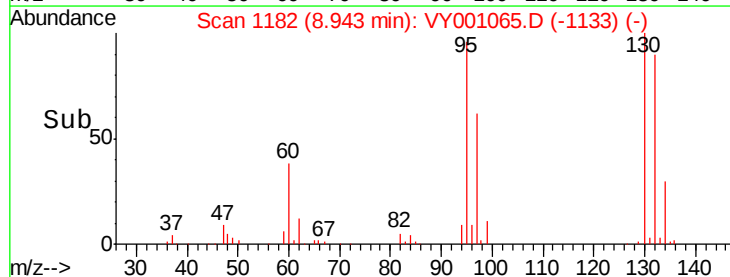
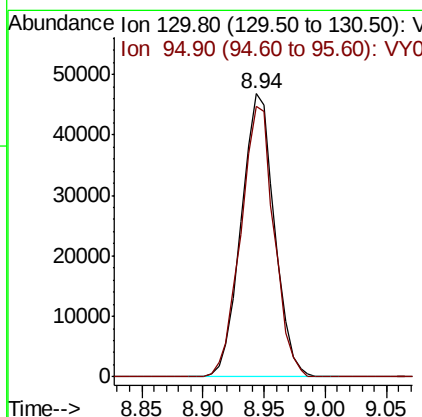
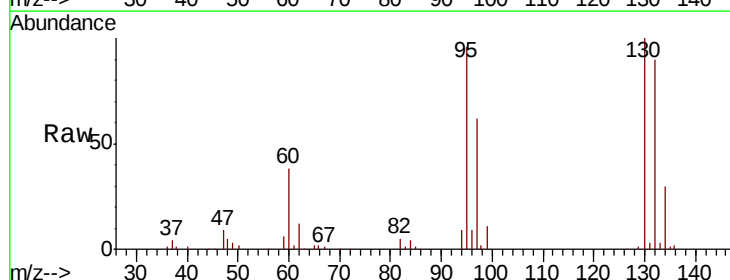
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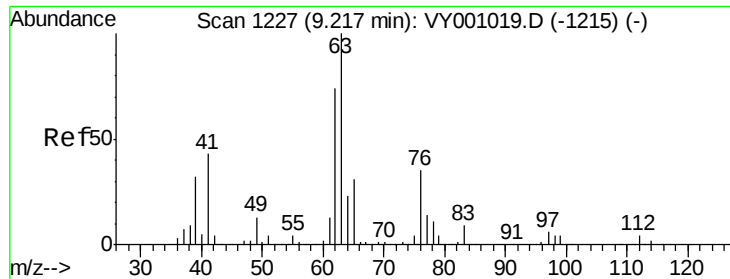
apatel  
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#44  
Trichloroethene  
Concen: 20.737 ug/l  
RT: 8.94 min Scan# 1182  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 95.5  | 0.0   | 190.6 |





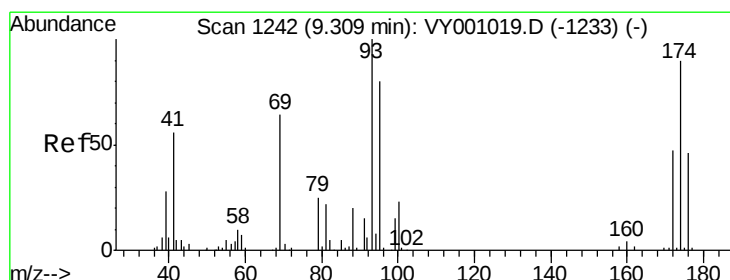
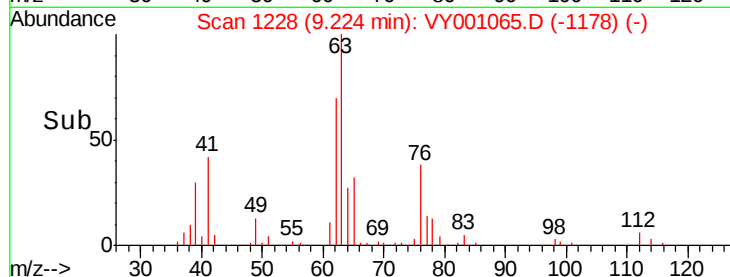
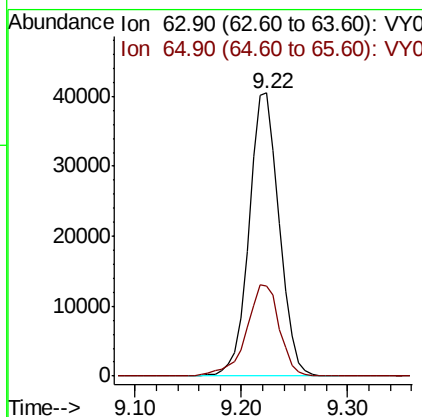
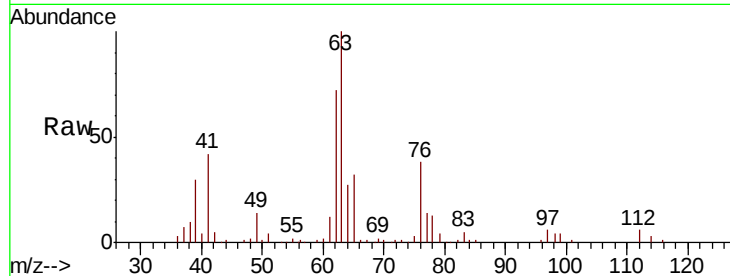
#45  
 1,2-Dichloropropane  
 Concen: 19.810 ug/l  
 RT: 9.22 min Scan# 1228  
 Delta R.T. 0.01 min  
 Lab File: VY001065.D  
 Acq: 26 Dec 2019 12:39

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1226SBS01

Tot Ion: 63 Resp: 80457  
 Ion Ratio Lower Upper  
 63 100  
 65 31.8 25.1 37.7

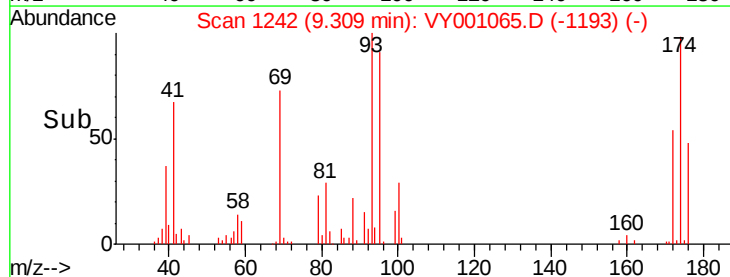
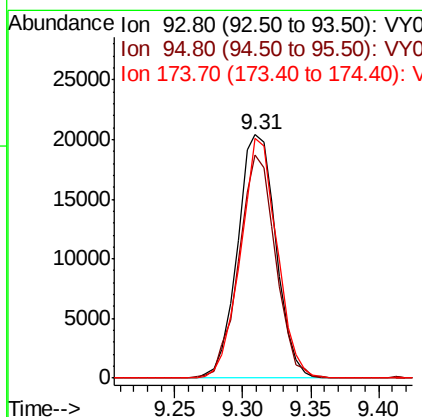
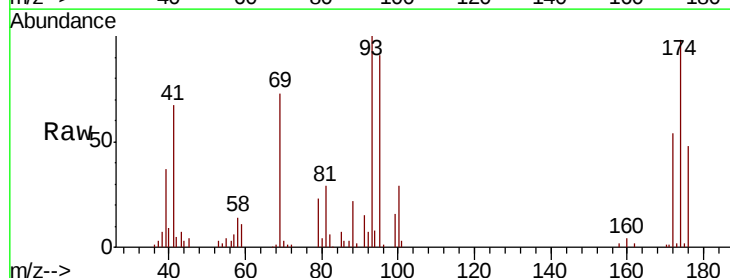
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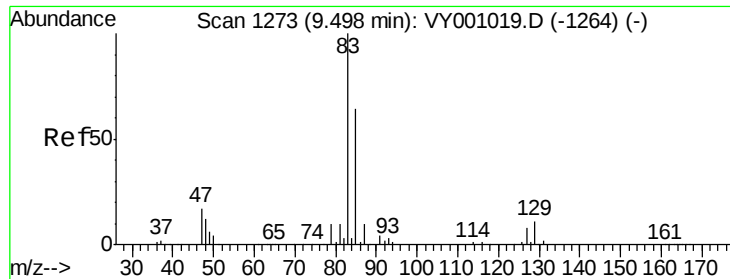
apatel  
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#46  
 Dibromomethane  
 Concen: 19.256 ug/l  
 RT: 9.31 min Scan# 1242  
 Delta R.T. 0.00 min  
 Lab File: VY001065.D  
 Acq: 26 Dec 2019 12:39

Tgt Ion: 93 Resp: 40316  
 Ion Ratio Lower Upper  
 93 100  
 95 87.5 66.7 100.1  
 174 93.4 73.6 110.4





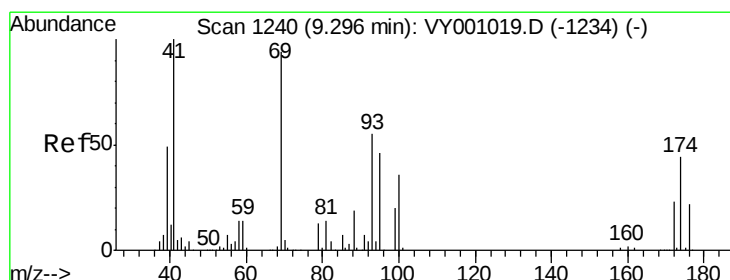
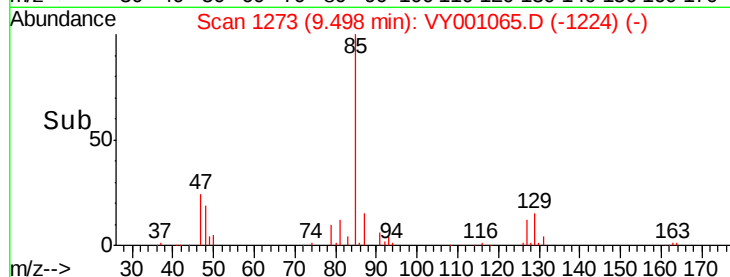
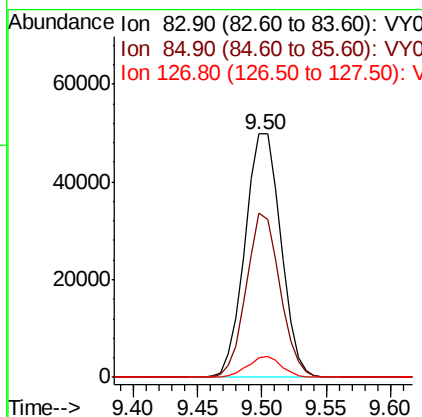
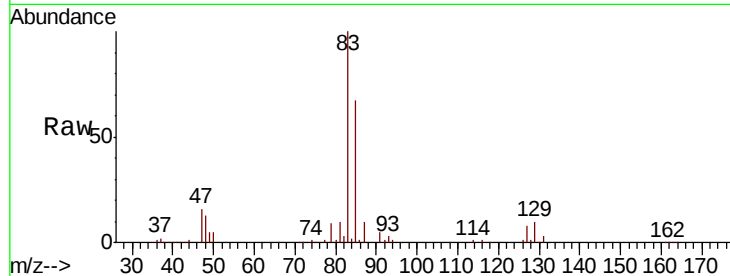
#47  
Bromodichloromethane  
Concen: 19.816 ug/l  
RT: 9.50 min Scan# 1273  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBS01

| Tot Ion   | 83   | Resp  | 96101 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 85        | 67.2 | 50.9  | 76.3  |
| 127       | 7.9  | 6.4   | 9.6   |

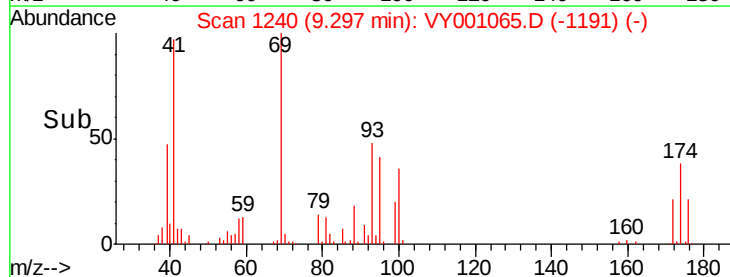
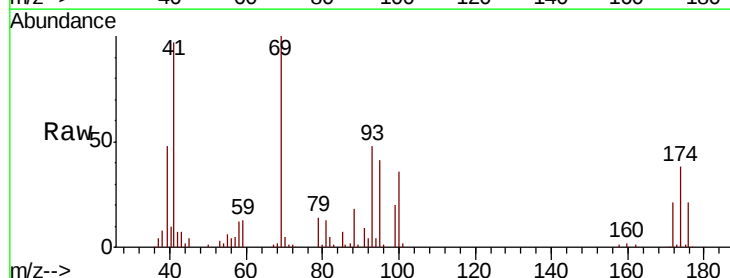
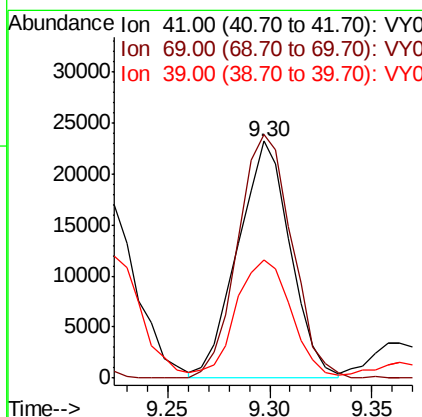
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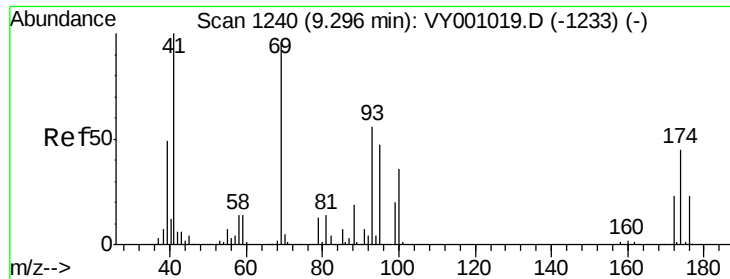
apatel  
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#48  
Methyl methacrylate  
Concen: 17.703 ug/l  
RT: 9.30 min Scan# 1240  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

| Tgt Ion   | 41    | Resp  | 41555 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 41        | 100   |       |       |
| 69        | 105.3 | 79.8  | 119.6 |
| 39        | 49.1  | 41.7  | 62.5  |





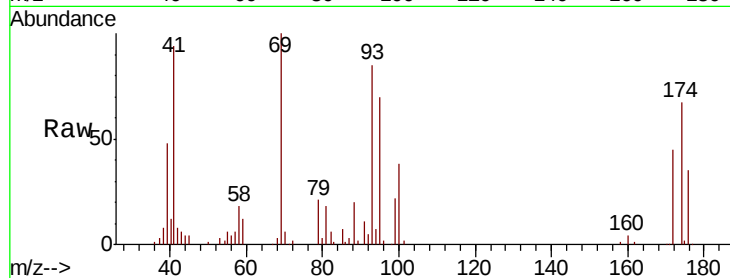
#49  
1,4-Dioxane  
Concen: 373.269 ug/l  
RT: 9.30 min Scan# 1241  
Delta R.T. 0.01 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBS01

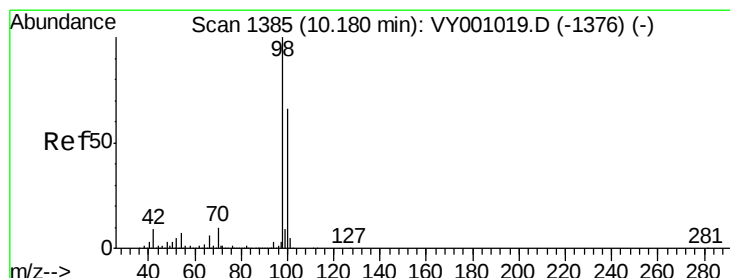
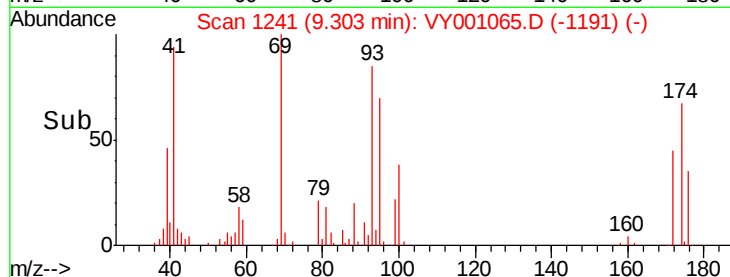
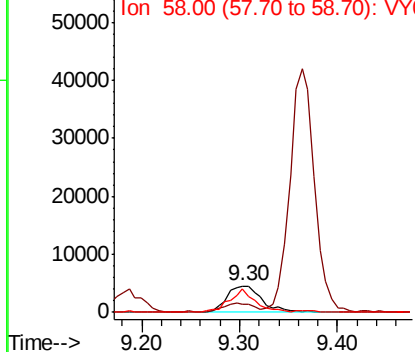
| Tot Ion   | 88    | Resp  | 11432 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 43        | 29.9  | 23.0  | 34.4  |
| 58        | 65.4  | 54.9  | 82.3  |

Manual Integrations  
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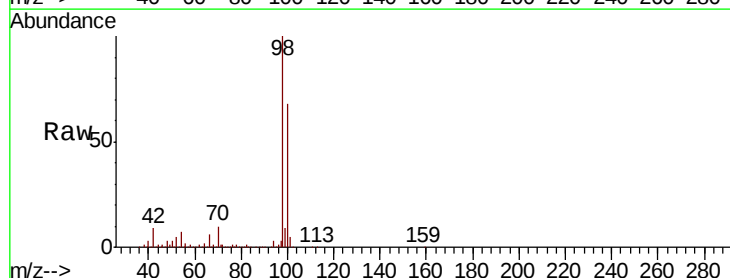


Abundance Ion 88.00 (87.70 to 88.70): VY0  
Ion 43.00 (42.70 to 43.70): VY0  
Ion 58.00 (57.70 to 58.70): VY0

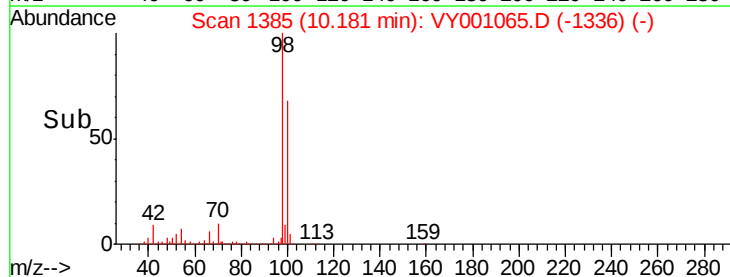
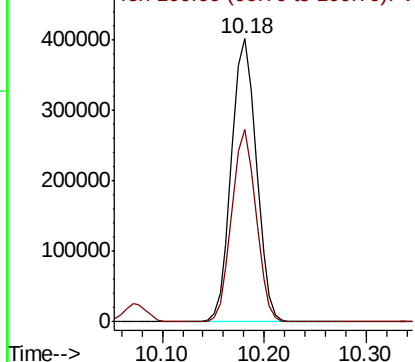


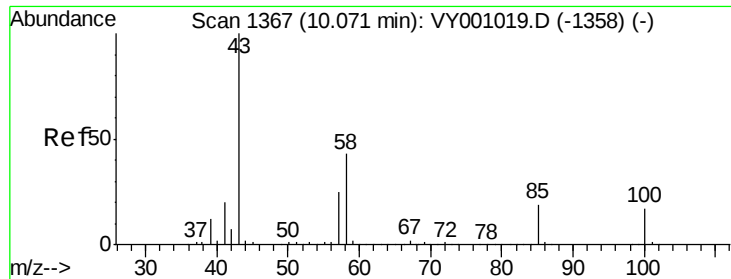
#50  
Toluene-d8  
Concen: 52.322 ug/l  
RT: 10.18 min Scan# 1385  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

| Tgt Ion   | 98    | Resp  | 677316 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 98        | 100   |       |        |
| 100       | 66.5  | 53.0  | 79.4   |



Abundance Ion 98.00 (97.70 to 98.70): VY0  
Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 85.183 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY001065.D

Acq: 26 Dec 2019 12:39

Instrument :

MSVOA\_Y

ClientSampleId :

VY1226SBS01

Tot Ion: 43 Resp: 244221

Ion Ratio Lower Upper

43 100

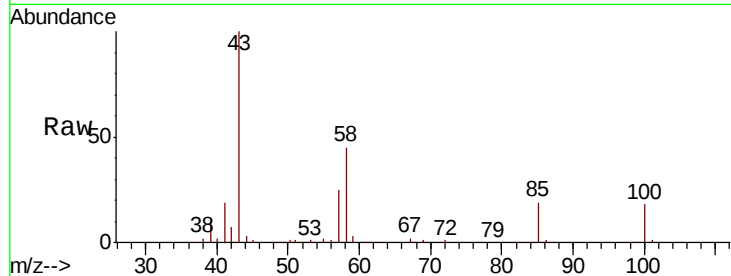
58 44.3 34.6 52.0

Manual Integrations

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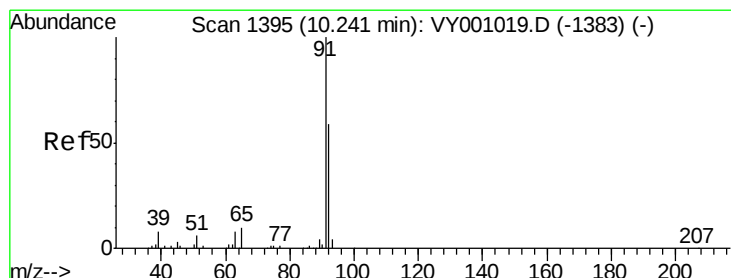
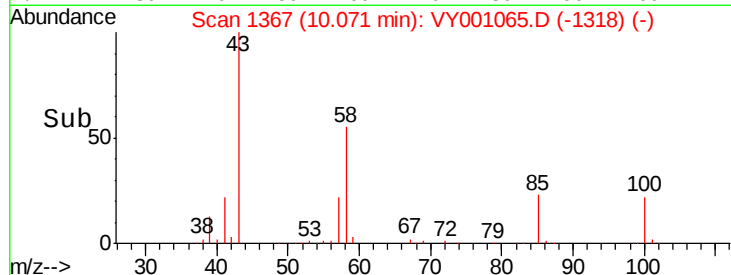
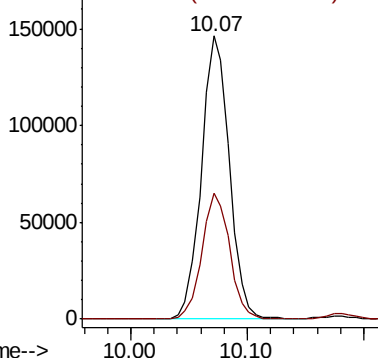
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 20.551 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY001065.D

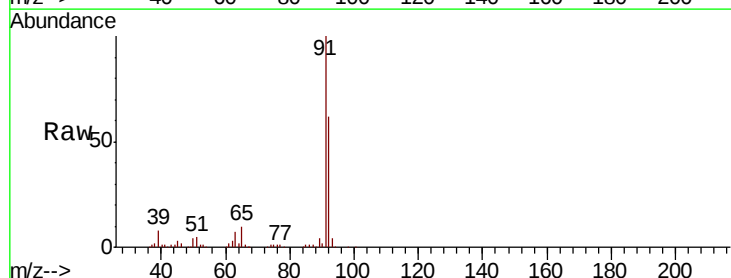
Acq: 26 Dec 2019 12:39

Tgt Ion: 92 Resp: 204788

Ion Ratio Lower Upper

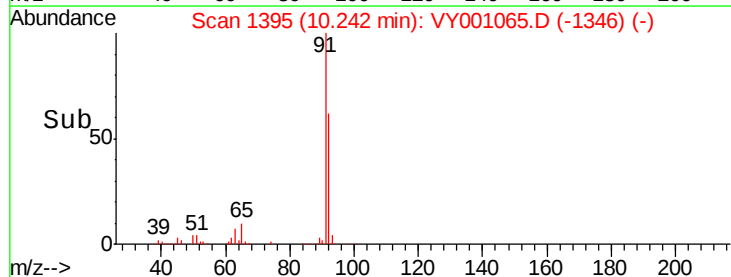
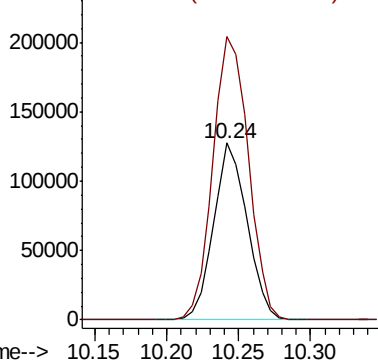
92 100

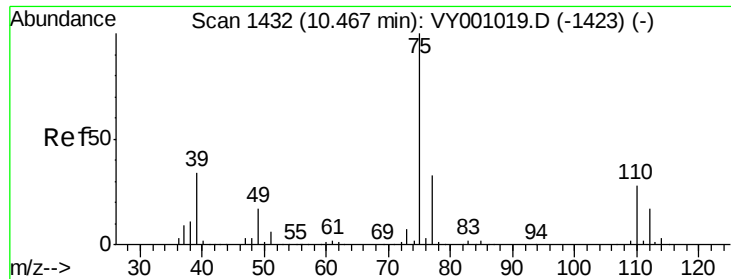
91 170.3 135.7 203.5



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





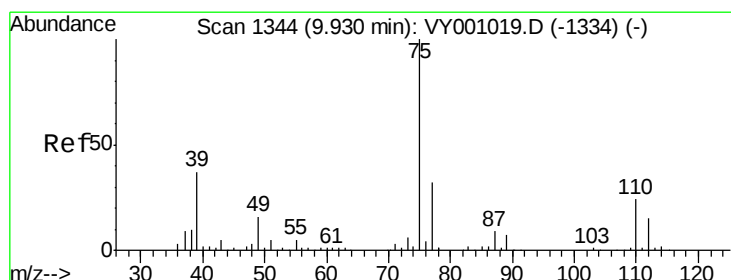
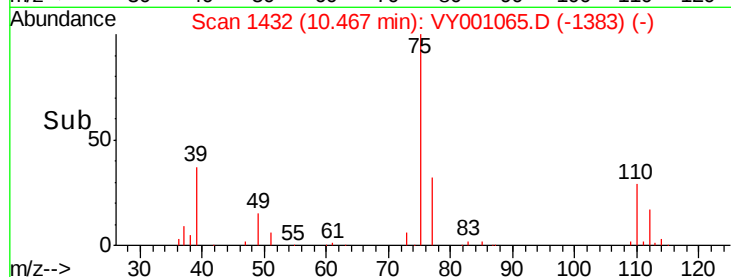
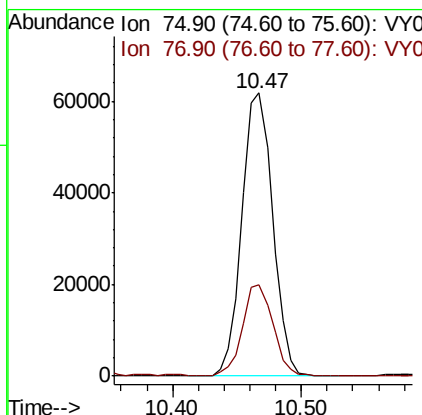
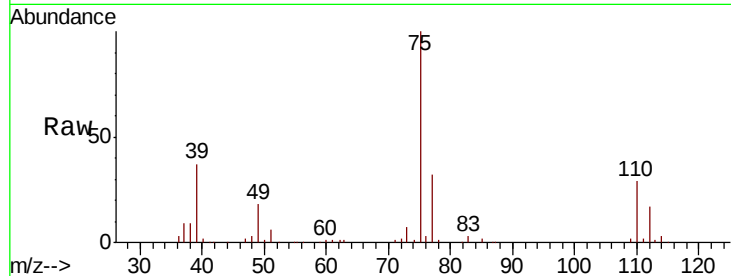
#53  
 t-1,3-Dichloropropene  
 Concen: 19.449 ug/l  
 RT: 10.47 min Scan# 1432  
 Delta R.T. 0.00 min  
 Lab File: VY001065.D  
 Acq: 26 Dec 2019 12:39

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1226SBS01

Tot Ion: 75 Resp: 102367  
 Ion Ratio Lower Upper  
 75 100  
 77 31.9 26.5 39.7

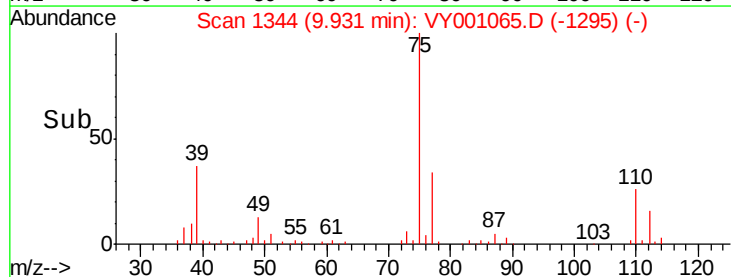
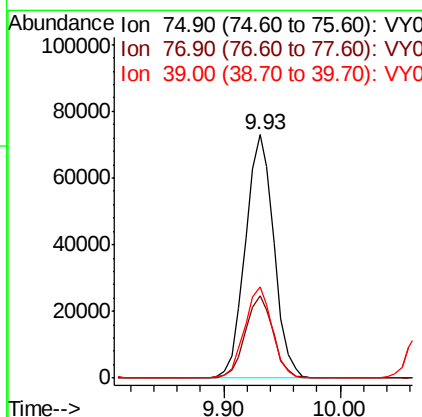
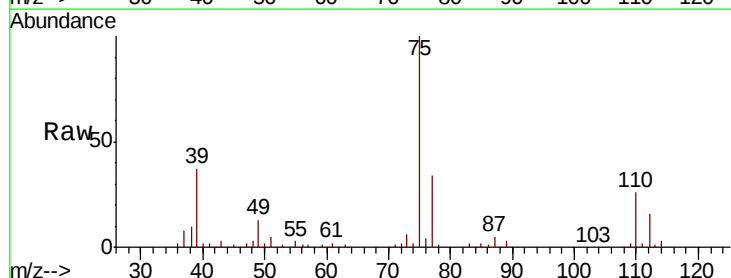
Manual Integrations  
 APPROVED

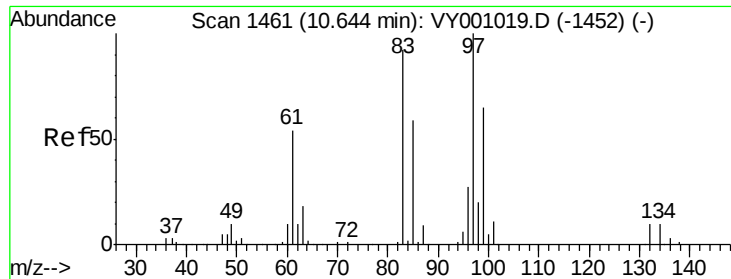
apatel  
 12/27/2019 11:04:33 AM



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.655 ug/l  
 RT: 9.93 min Scan# 1344  
 Delta R.T. 0.00 min  
 Lab File: VY001065.D  
 Acq: 26 Dec 2019 12:39

Tgt Ion: 75 Resp: 124396  
 Ion Ratio Lower Upper  
 75 100  
 77 33.7 25.2 37.8  
 39 37.2 29.5 44.3





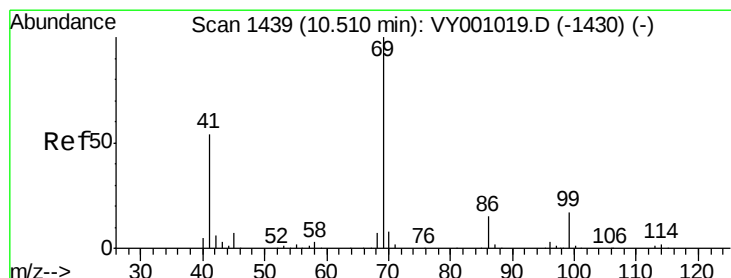
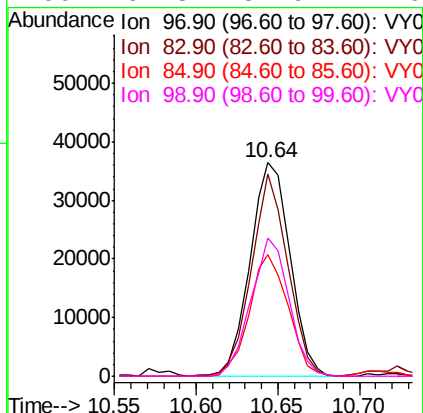
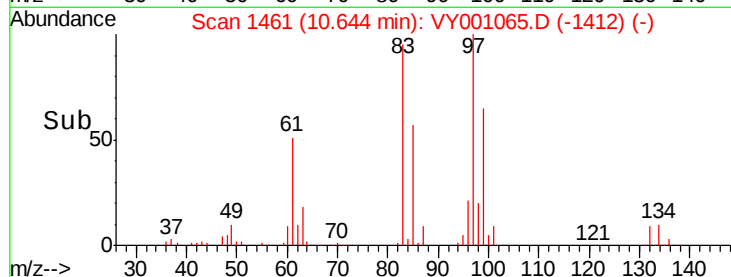
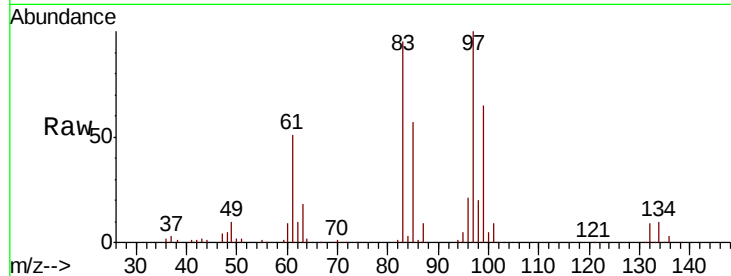
#55  
 1,1,2-Trichloroethane  
 Concen: 19.861 ug/l  
 RT: 10.64 min Scan# 1461  
 Delta R.T. 0.00 min  
 Lab File: VY001065.D  
 Acq: 26 Dec 2019 12:39

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1226SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 94.6  | 73.7  | 110.5 |
| 85      | 57.0  | 47.3  | 70.9  |
| 99      | 64.8  | 51.9  | 77.9  |

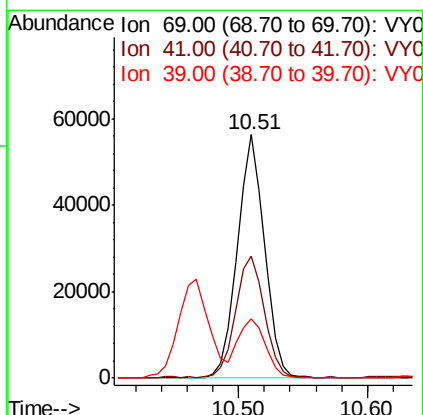
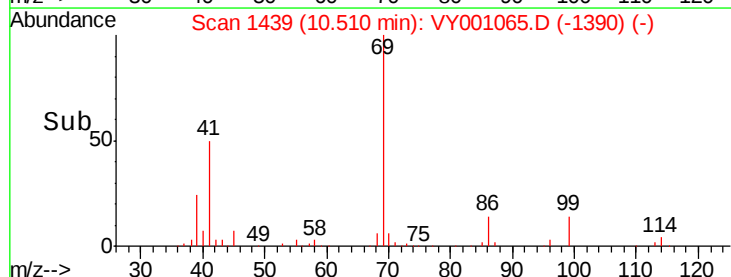
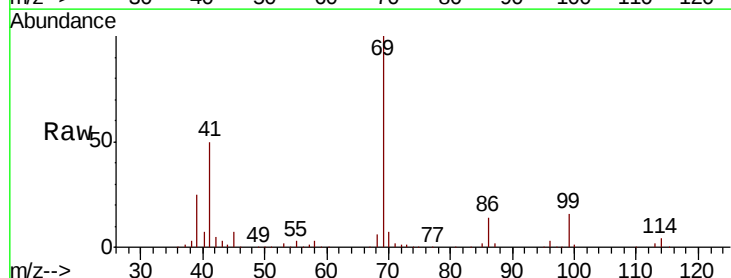
Manual Integrations  
 APPROVED

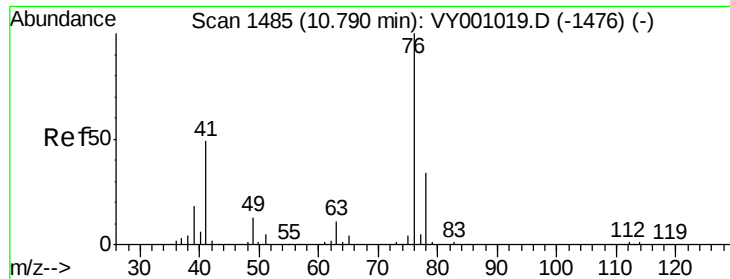
apatel  
 12/27/2019 11:04:33 AM



#56  
 Ethyl methacrylate  
 Concen: 18.585 ug/l  
 RT: 10.51 min Scan# 1439  
 Delta R.T. 0.00 min  
 Lab File: VY001065.D  
 Acq: 26 Dec 2019 12:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 52.7  | 44.7  | 67.1  |
| 39      | 24.6  | 22.2  | 33.4  |





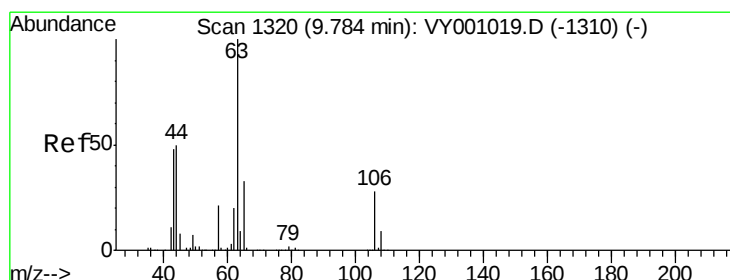
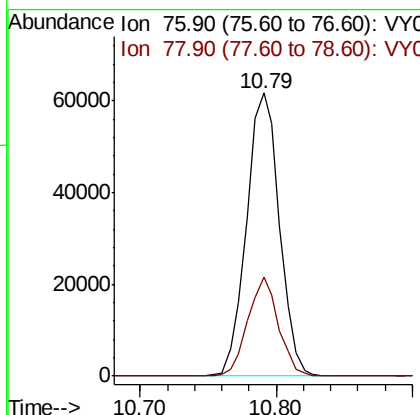
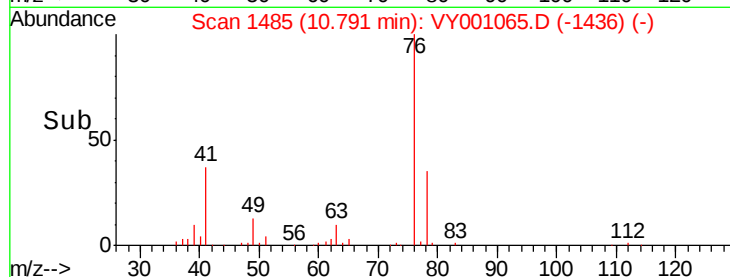
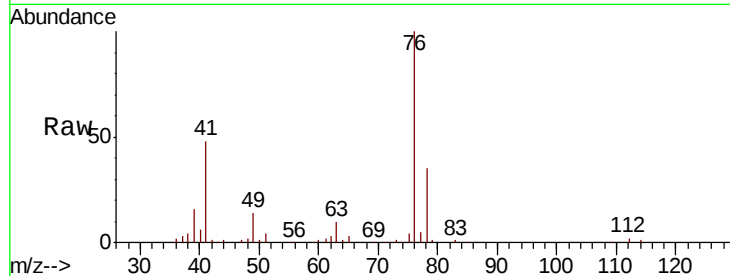
#57  
 1,3-Dichloropropane  
 Concen: 19.059 ug/l  
 RT: 10.79 min Scan# 1485  
 Delta R.T. 0.00 min  
 Lab File: VY001065.D  
 Acq: 26 Dec 2019 12:39

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1226SBS01

Tot Ion: 76 Resp: 104416  
 Ion Ratio Lower Upper  
 76 100  
 78 32.5 25.8 38.8

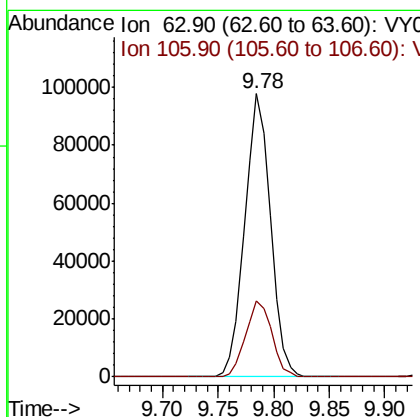
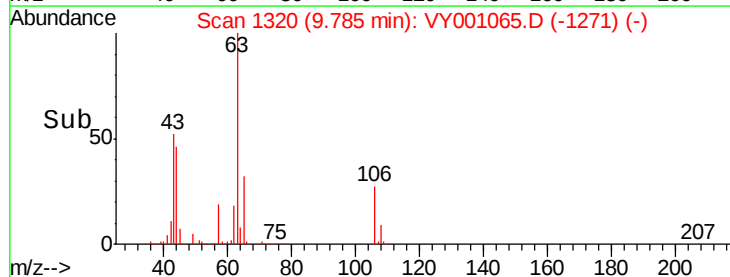
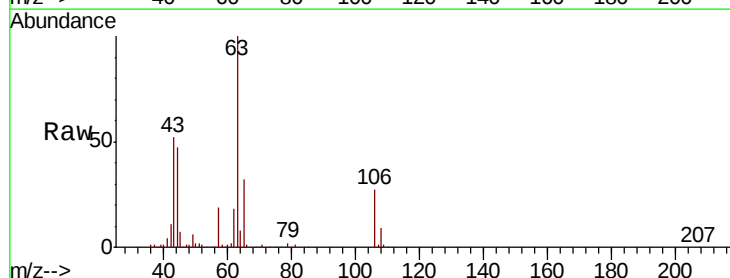
Manual Integrations  
 APPROVED

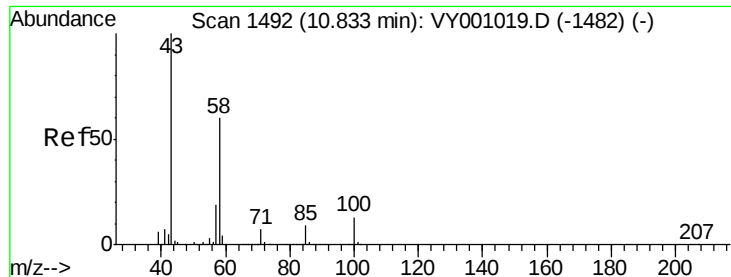
apatel  
 12/27/2019 11:04:33 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 91.838 ug/l  
 RT: 9.78 min Scan# 1320  
 Delta R.T. 0.00 min  
 Lab File: VY001065.D  
 Acq: 26 Dec 2019 12:39

Tgt Ion: 63 Resp: 157793  
 Ion Ratio Lower Upper  
 63 100  
 106 27.3 22.7 34.1





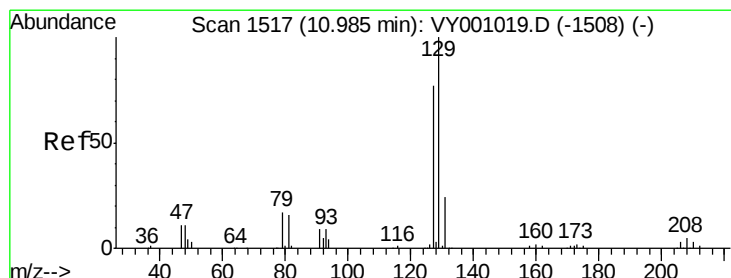
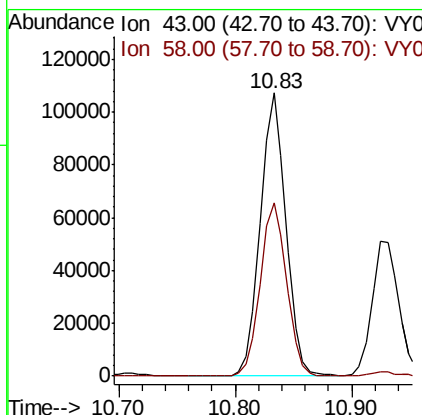
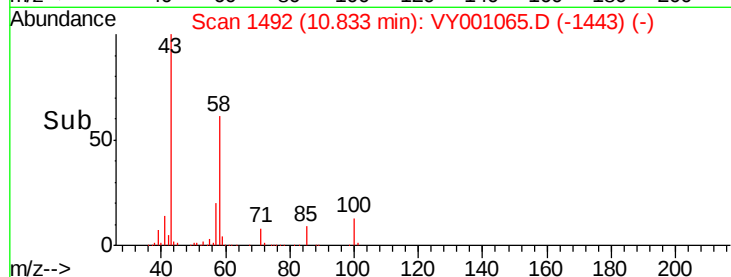
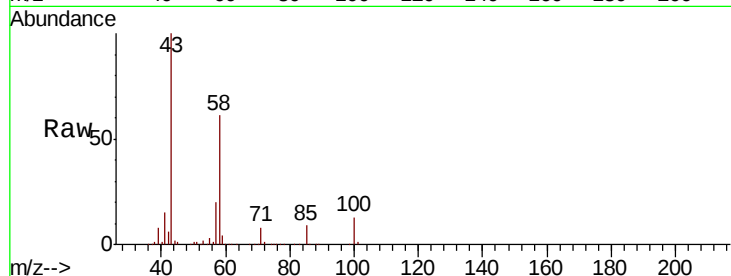
#59  
2-Hexanone  
Concen: 82.471 ug/l  
RT: 10.83 min Scan# 1492  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBS01

Tot Ion: 43 Resp: 163608  
Ion Ratio Lower Upper  
43 100  
58 63.0 30.6 91.6

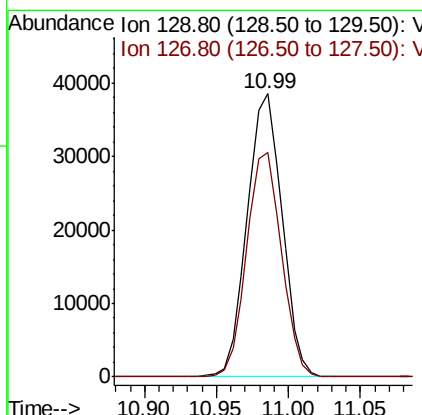
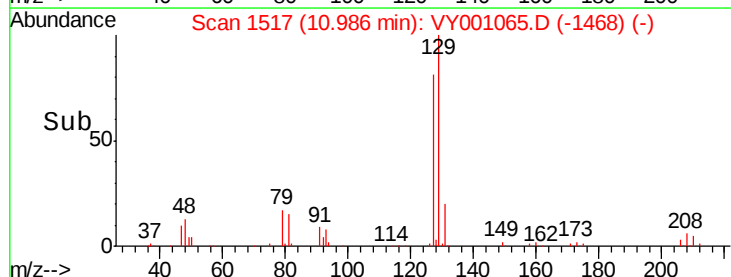
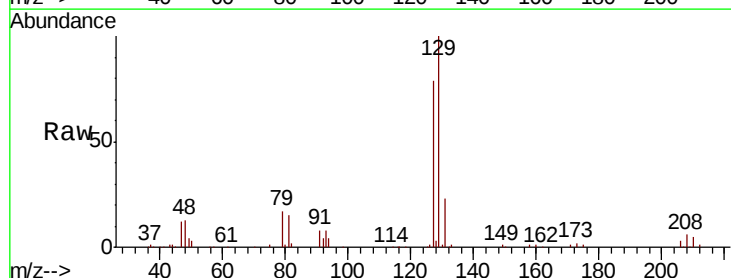
Manual Integrations  
APPROVED

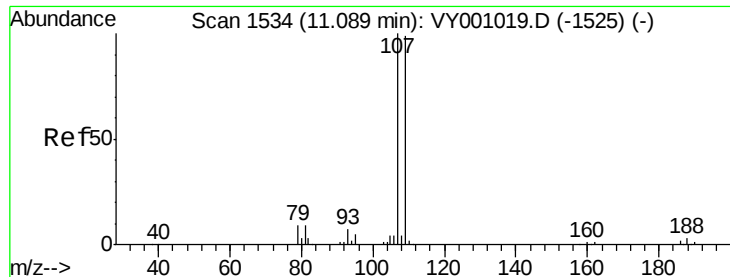
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12/27/2019 11:04:33 AM



#60  
Dibromochloromethane  
Concen: 19.398 ug/l  
RT: 10.99 min Scan# 1517  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

Tgt Ion: 129 Resp: 64763  
Ion Ratio Lower Upper  
129 100  
127 78.8 39.1 117.3





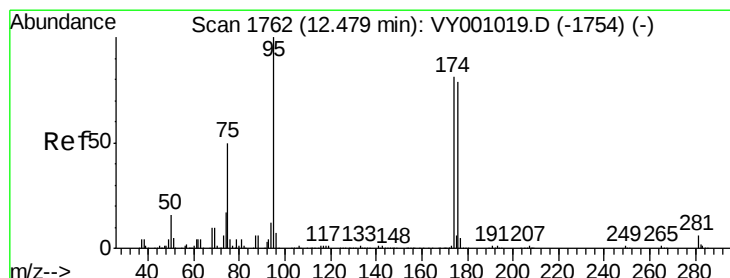
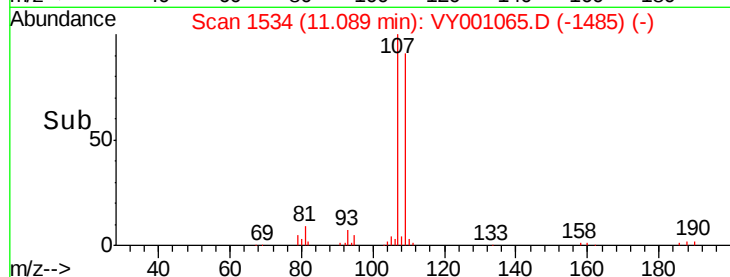
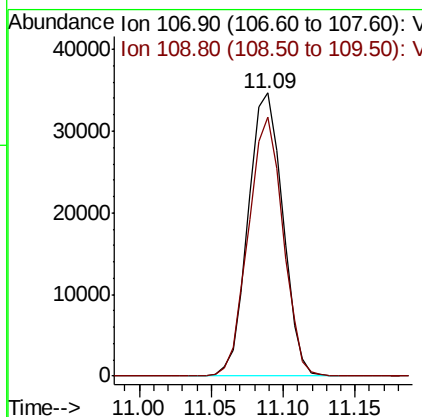
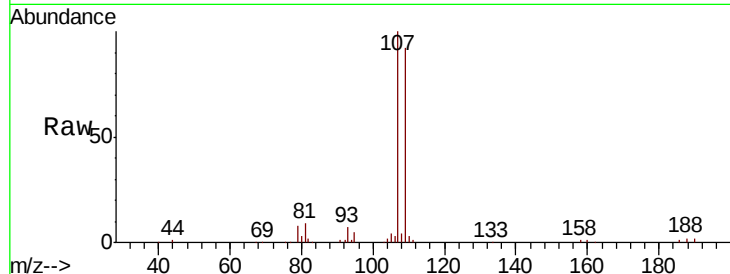
#61  
1,2-Dibromoethane  
Concen: 19.258 ug/l  
RT: 11.09 min Scan# 1534  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 91.8  | 74.8  | 112.2 |

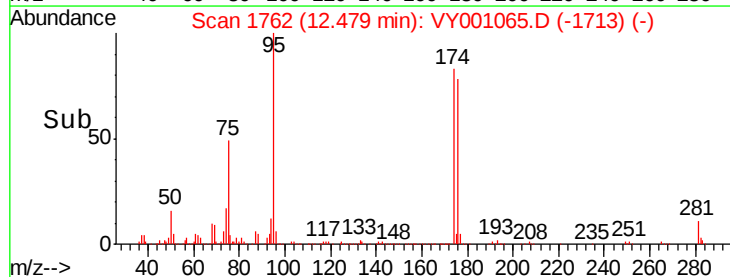
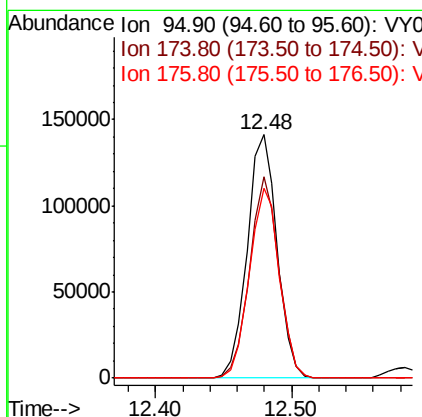
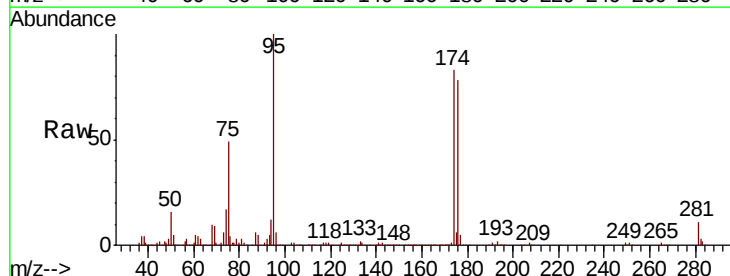
Manual Integrations  
APPROVED

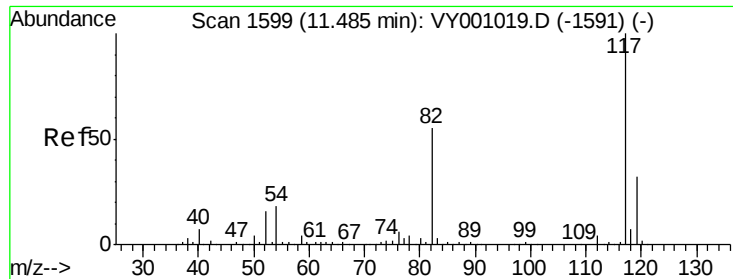
apatel  
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#62  
4-Bromofluorobenzene  
Concen: 45.809 ug/l  
RT: 12.48 min Scan# 1762  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 81.4  | 0.0   | 156.4 |
| 176     | 78.8  | 0.0   | 155.0 |





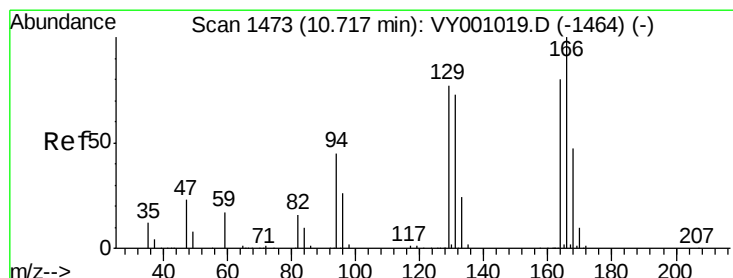
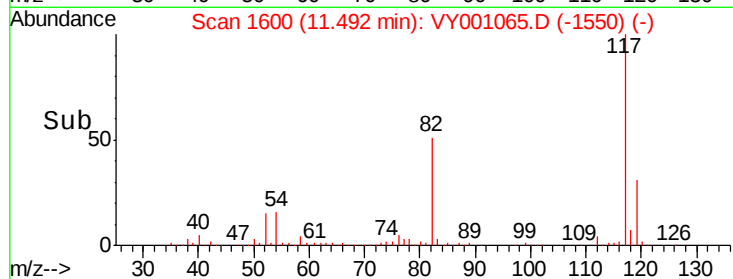
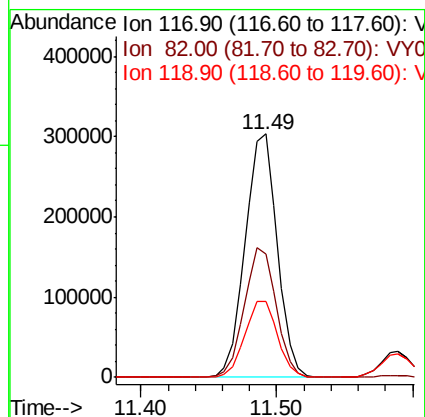
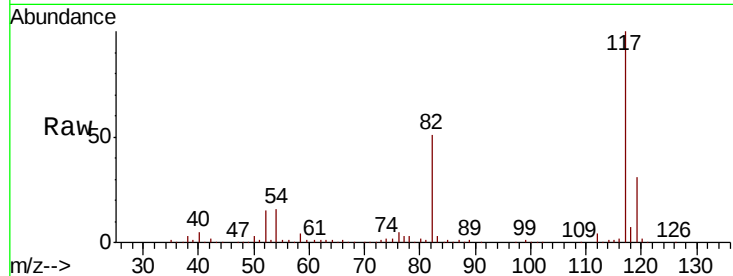
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.49 min Scan# 1600  
Delta R.T. 0.01 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 50.6  | 43.8  | 65.8  |
| 119     | 31.1  | 25.8  | 38.6  |

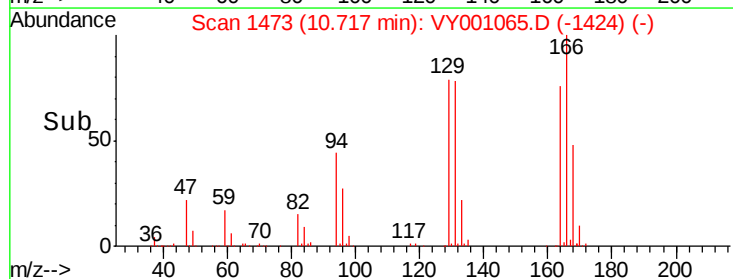
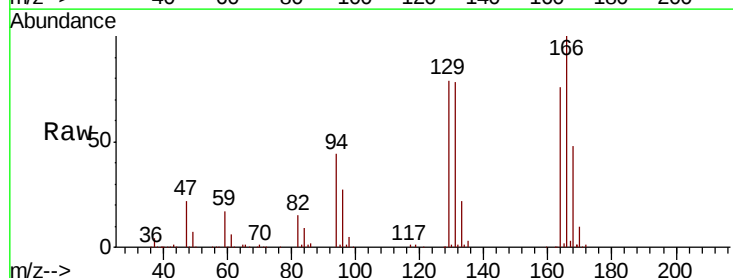
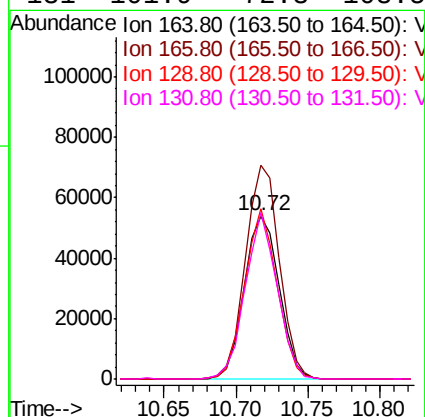
Manual Integrations  
APPROVED

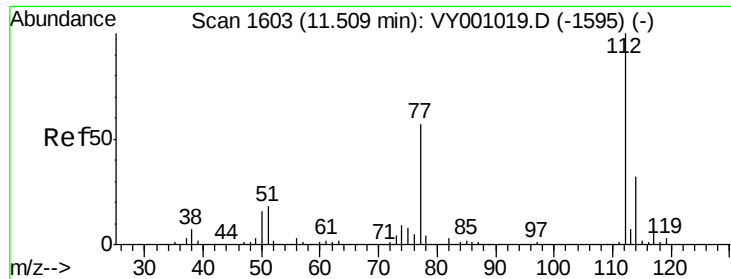
apatel  
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#64  
Tetrachloroethene  
Concen: 20.847 ug/l  
RT: 10.72 min Scan# 1473  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 131.2 | 99.7  | 149.5 |
| 129     | 104.3 | 76.9  | 115.3 |
| 131     | 101.9 | 72.3  | 108.5 |





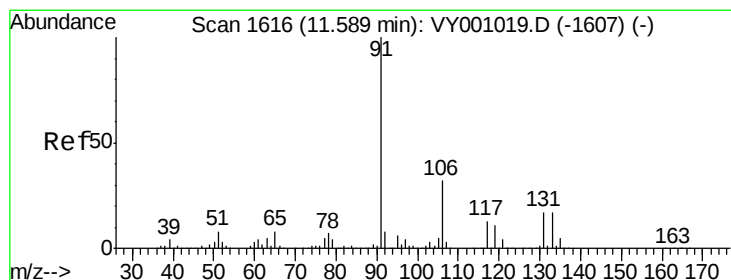
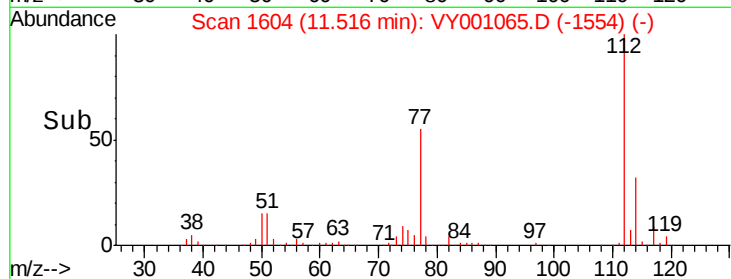
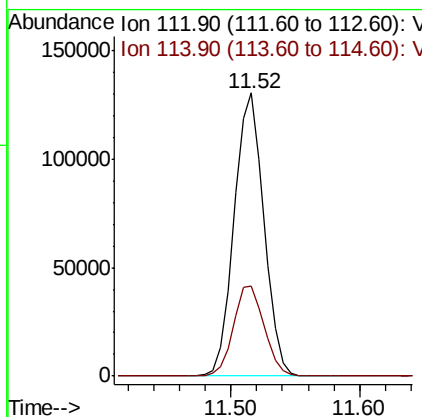
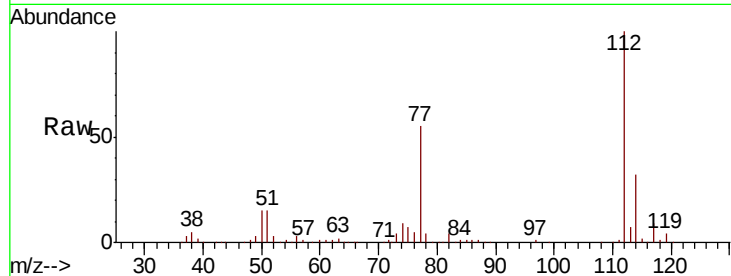
#65  
Chlorobenzene  
Concen: 20.133 ug/l  
RT: 11.52 min Scan# 1604  
Delta R.T. 0.01 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 31.6  | 25.4  | 38.2  |

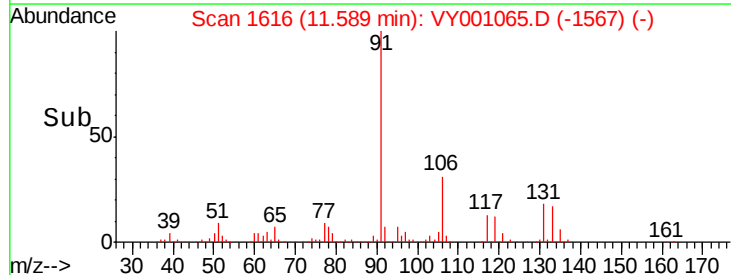
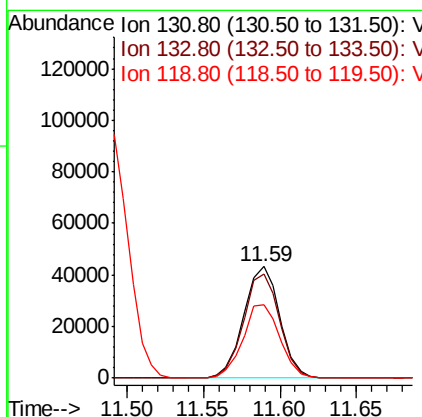
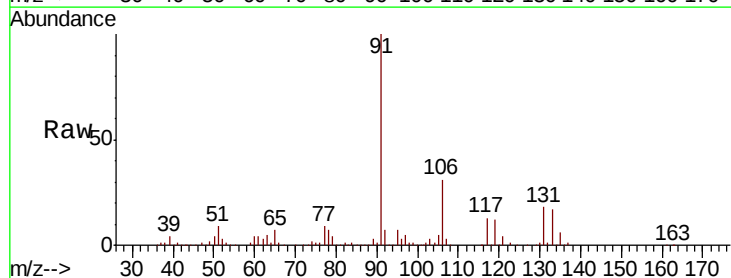
Manual Integrations  
APPROVED

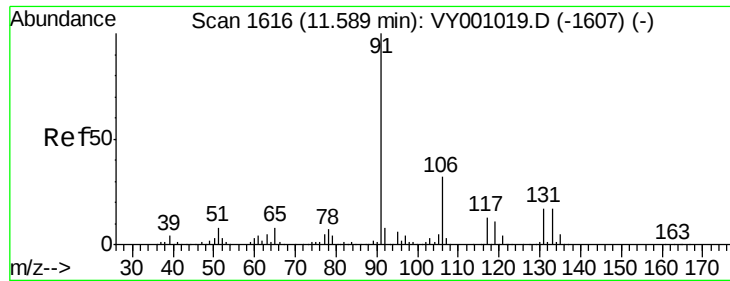
apatel  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.676 ug/l  
RT: 11.59 min Scan# 1616  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 93.8  | 48.1  | 144.4 |
| 119     | 67.6  | 34.0  | 101.8 |





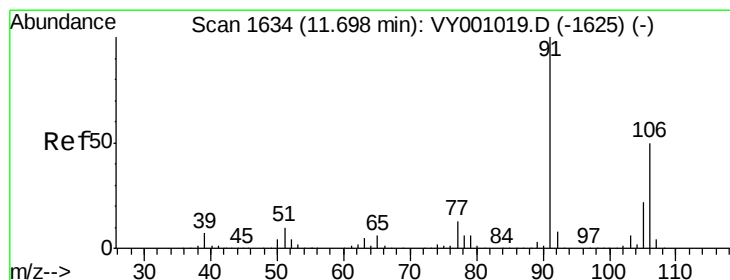
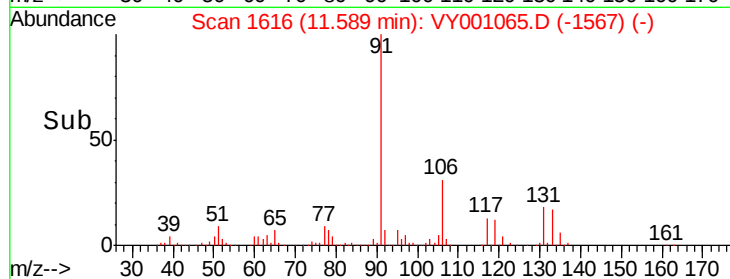
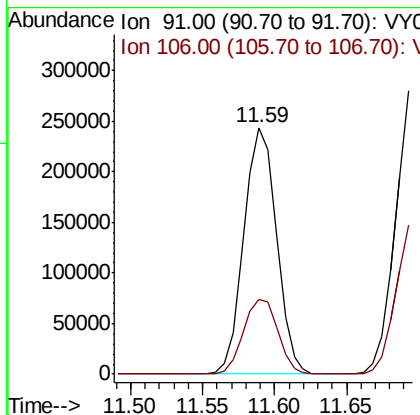
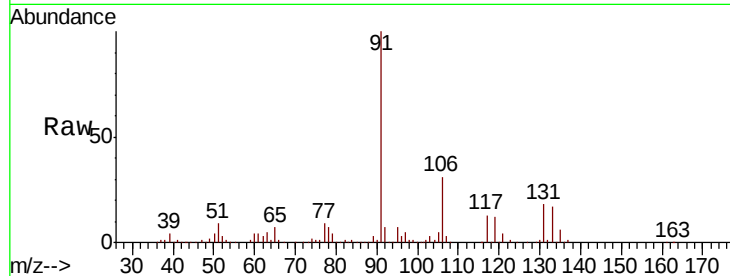
#67  
Ethyl Benzene  
Concen: 20.514 ug/l  
RT: 11.59 min Scan# 1616  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBS01

Tot Ion: 91 Resp: 383148  
Ion Ratio Lower Upper  
91 100  
106 30.5 25.3 37.9

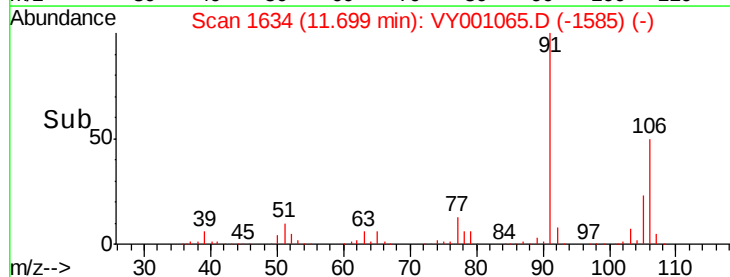
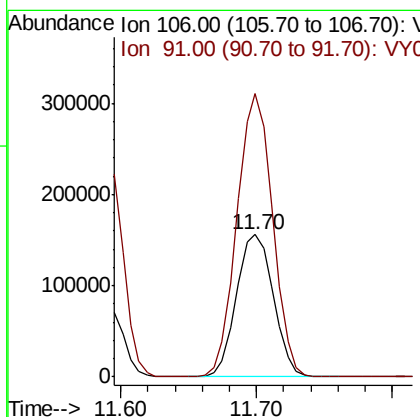
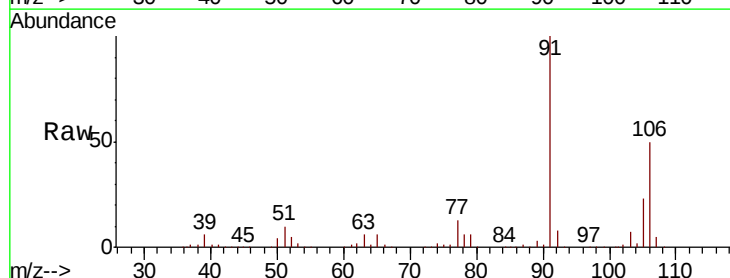
Manual Integrations  
APPROVED

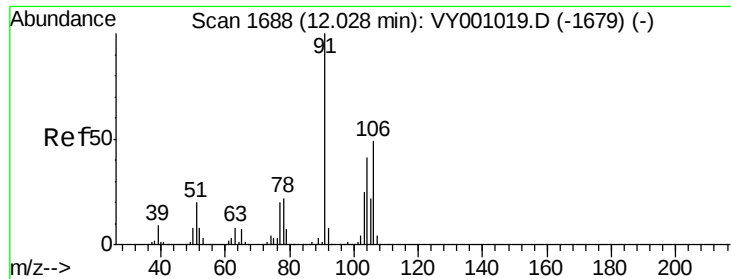
apatel  
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#68  
m/p-Xylenes  
Concen: 41.556 ug/l  
RT: 11.70 min Scan# 1634  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

Tgt Ion: 106 Resp: 294703  
Ion Ratio Lower Upper  
106 100  
91 192.8 156.4 234.6





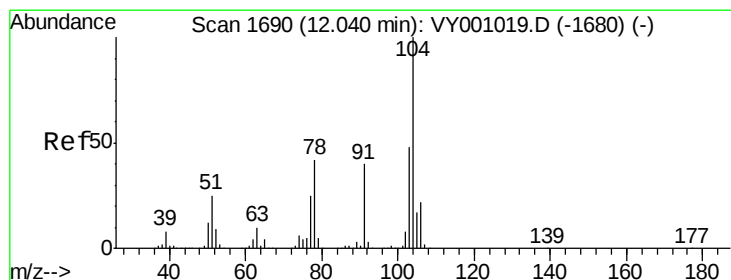
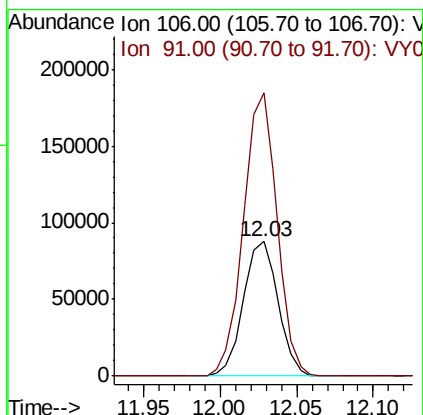
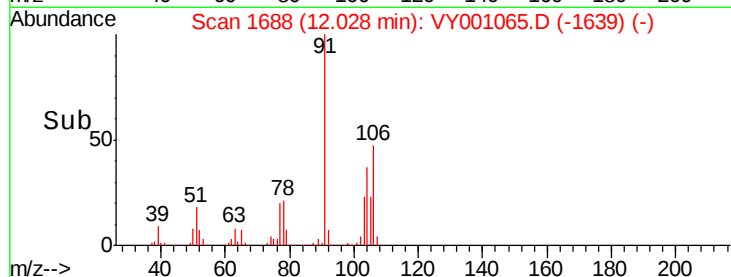
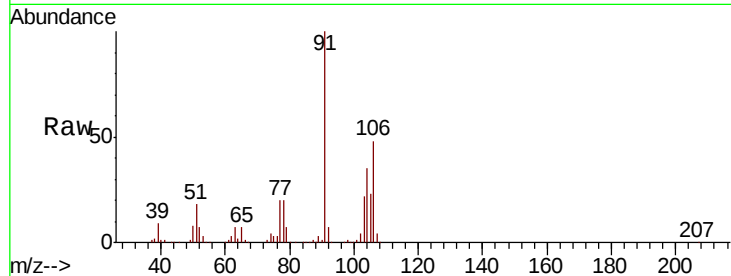
#69  
o-Xylene  
Concen: 20.755 ug/l  
RT: 12.03 min Scan# 1688  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBS01

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 106     | 100   |       |       |       |       |
| 91      | 203.9 | 103.0 | 309.0 |       |       |

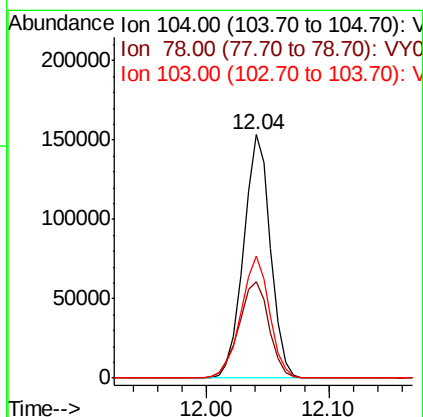
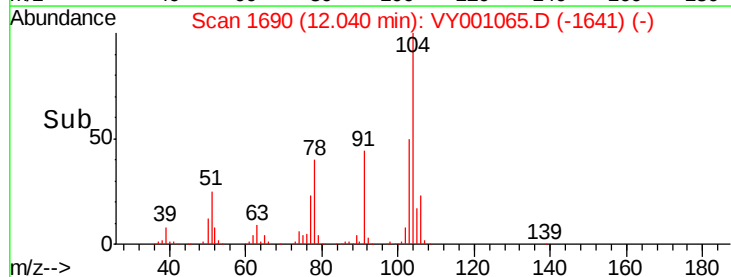
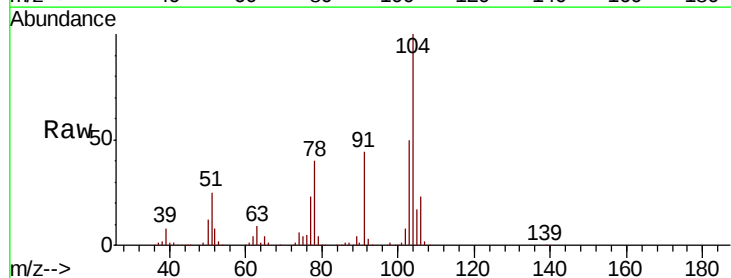
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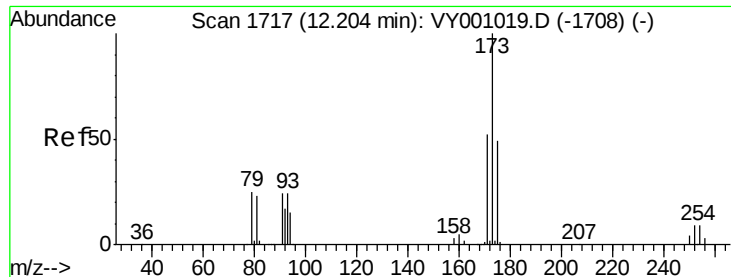
apatel  
12/27/2019 11:04:33 AM



#70  
Styrene  
Concen: 20.613 ug/l  
RT: 12.04 min Scan# 1690  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 104     | 100  |       |      |       |       |
| 78      | 44.7 | 36.6  | 54.8 |       |       |
| 103     | 53.1 | 42.6  | 64.0 |       |       |





#71

Bromoform

Concen: 18.416 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001065.D

Acq: 26 Dec 2019 12:39

Instrument :

MSVOA\_Y

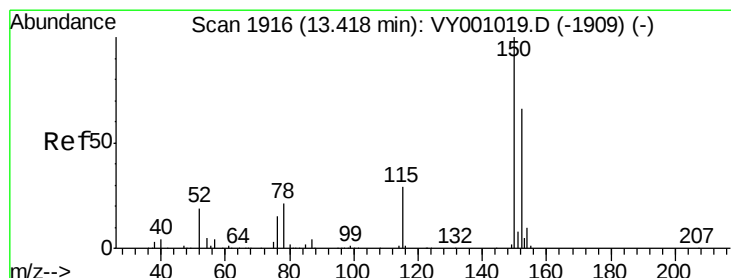
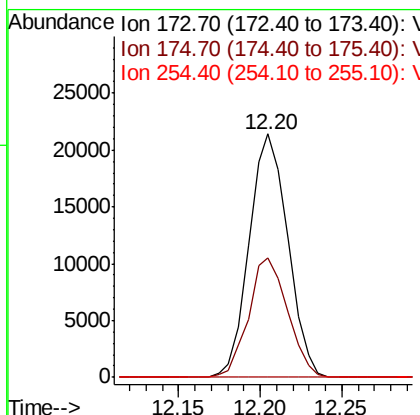
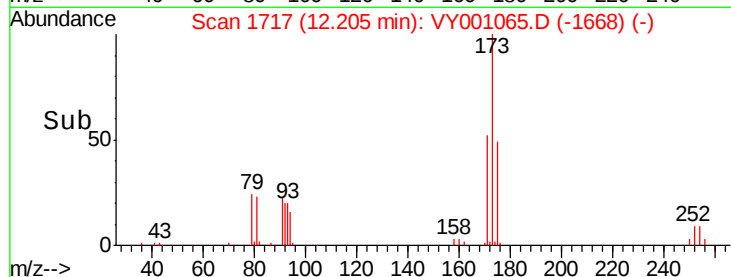
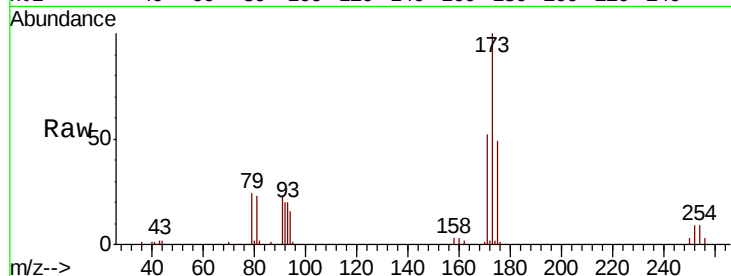
ClientSampleId :

VY1226SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.8  | 24.5  | 73.5  |
| 254     | 0.1   | 0.0   | 0.0   |

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

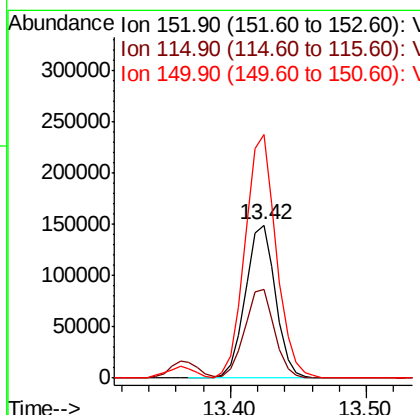
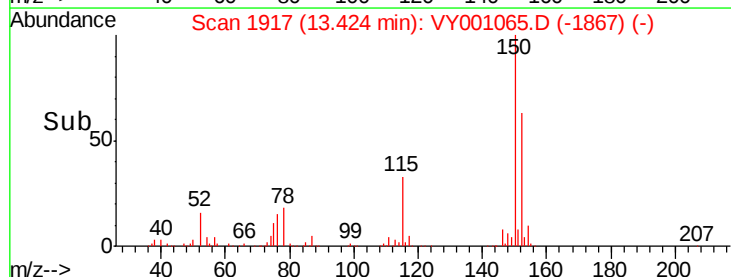
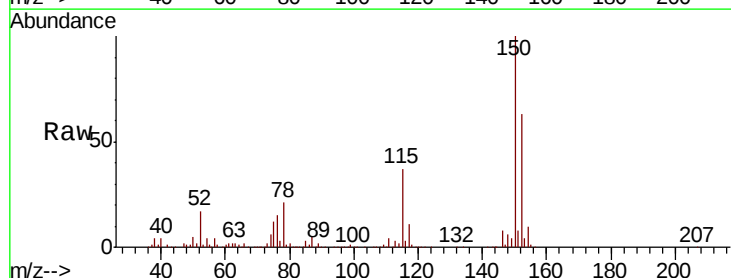
RT: 13.42 min Scan# 1917

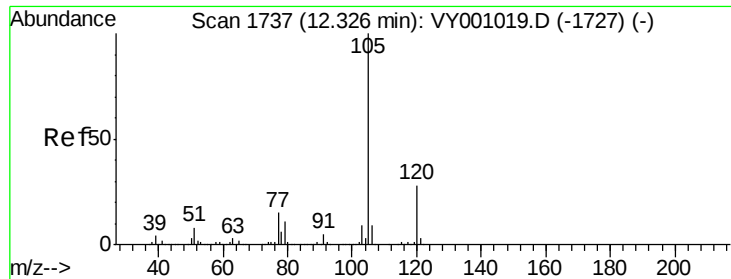
Delta R.T. 0.01 min

Lab File: VY001065.D

Acq: 26 Dec 2019 12:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 57.9  | 29.8  | 89.3  |
| 150     | 164.8 | 0.0   | 352.6 |





#73

Isopropylbenzene

Concen: 20.338 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001065.D

Acq: 26 Dec 2019 12:39

Instrument :

MSVOA\_Y

ClientSampleId :

VY1226SBS01

Tot Ion: 105 Resp: 362507

Ion Ratio Lower Upper

105 100

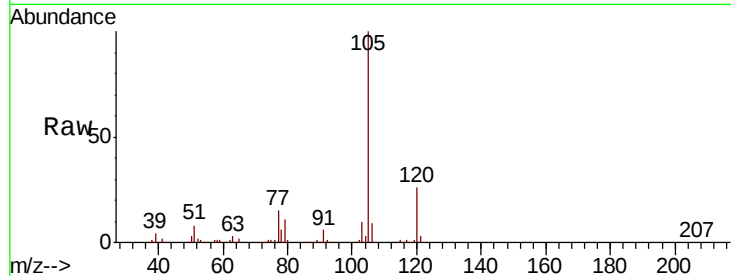
120 27.0 13.4 40.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

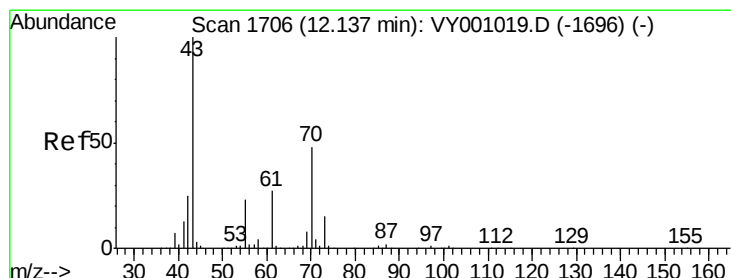
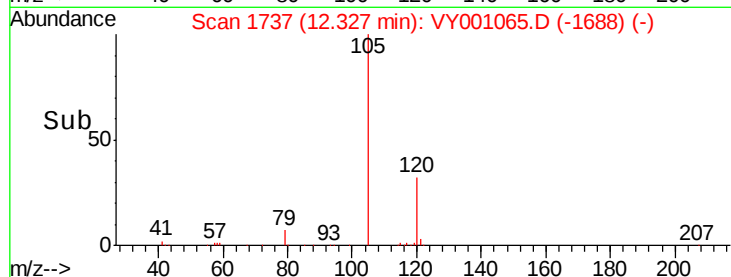
50000

0

12.33

12.40

Time-->



#74

N-ethyl acetate

Concen: 16.811 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY001065.D

Acq: 26 Dec 2019 12:39

Tgt Ion: 43 Resp: 78717

Ion Ratio Lower Upper

43 100

70 52.2 39.0 58.6

55 26.9 19.5 29.3

61 29.1 22.0 33.0

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

80000

60000

40000

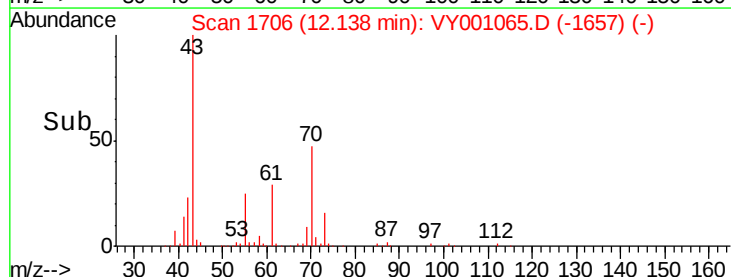
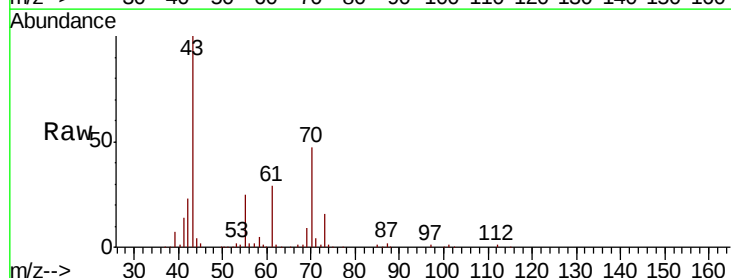
20000

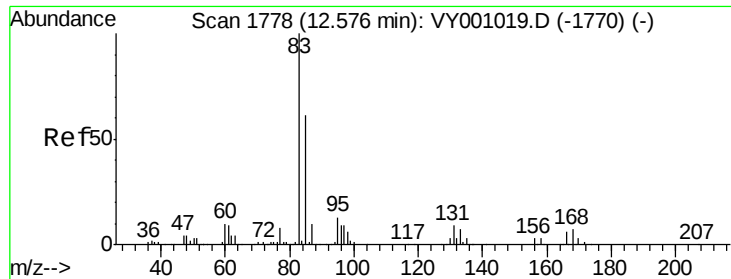
0

12.14

12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.289 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VY001065.D

Acq: 26 Dec 2019 12:39

Instrument :

MSVOA\_Y

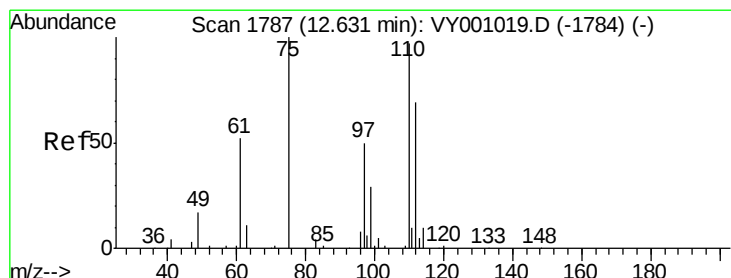
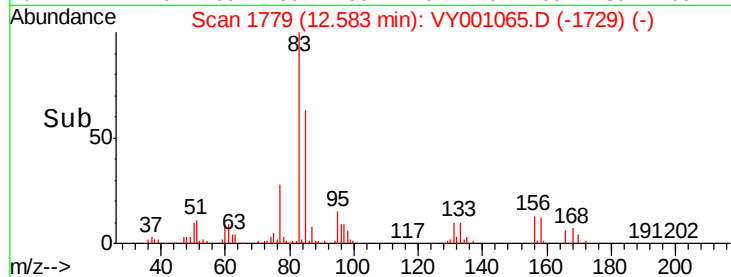
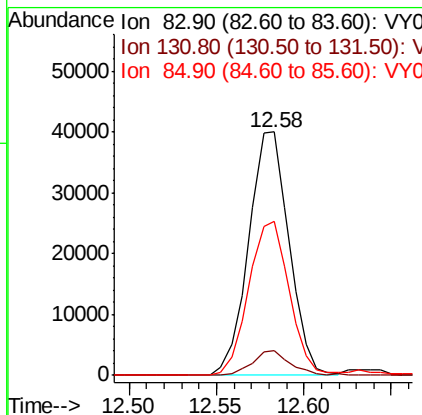
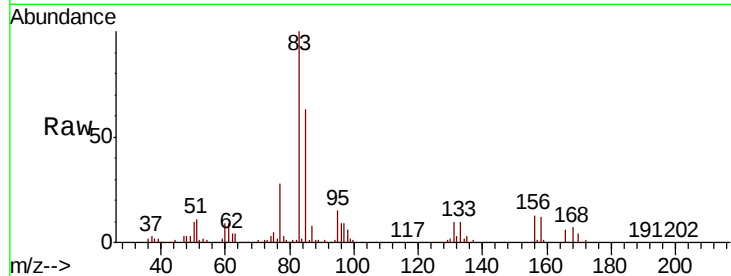
ClientSampleId :

VY1226SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 64220 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 9.5   | 5.1   | 15.3  |
| 85        | 64.0  | 32.1  | 96.5  |

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#76

1,2,3-Trichloropropane

Concen: 18.405 ug/l m

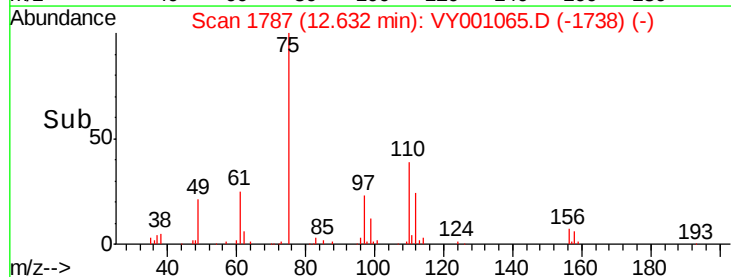
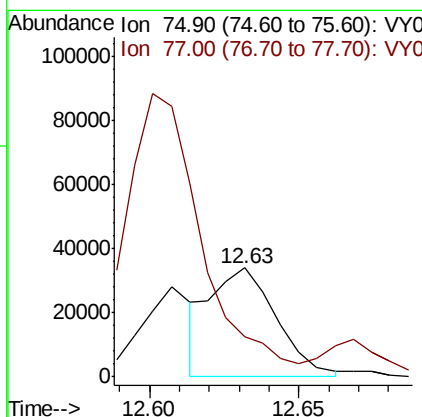
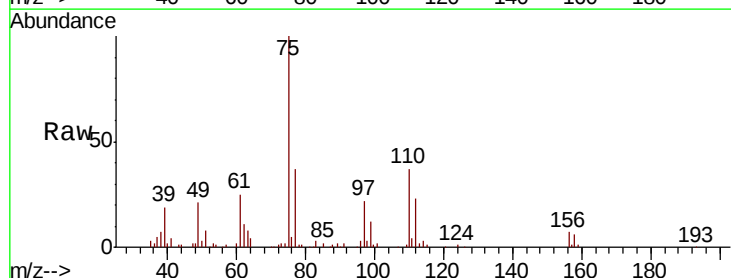
RT: 12.63 min Scan# 1787

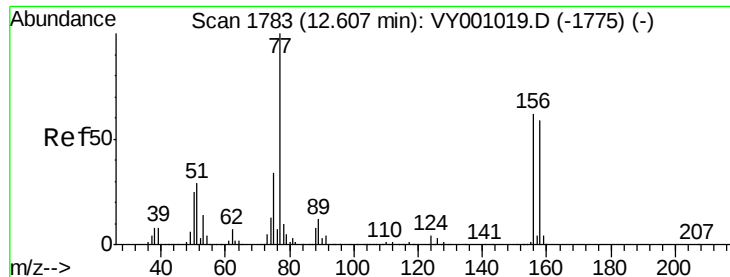
Delta R.T. 0.00 min

Lab File: VY001065.D

Acq: 26 Dec 2019 12:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 52260 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 20.287 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001065.D

Acq: 26 Dec 2019 12:39

Instrument :

MSVOA\_Y

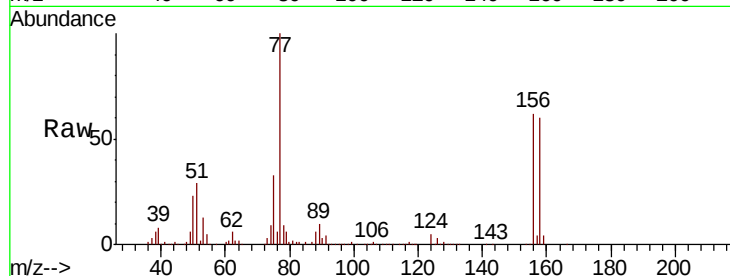
ClientSampleId :

VY1226SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 194.3 | 98.0  | 294.1 |
| 158     | 98.1  | 48.5  | 145.6 |

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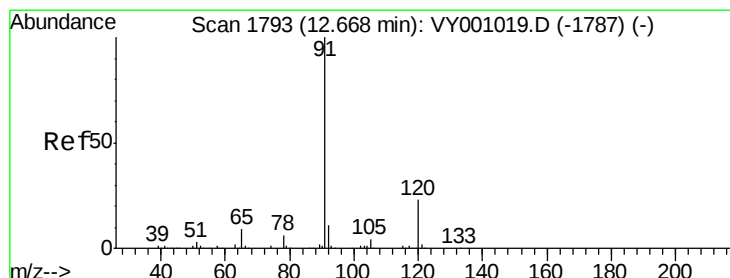
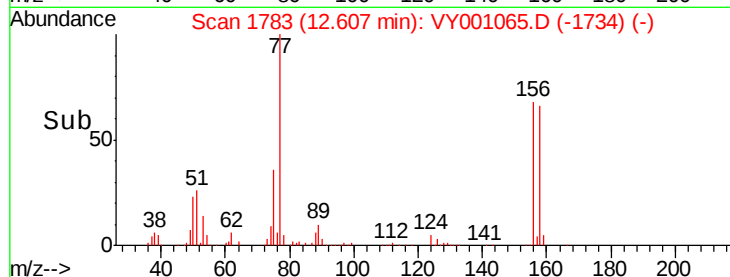
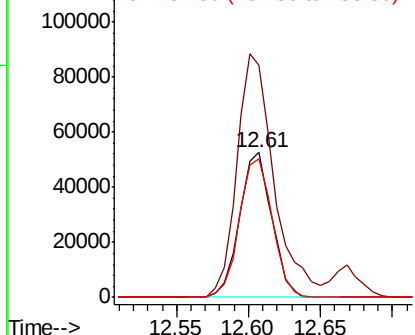
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.315 ug/l

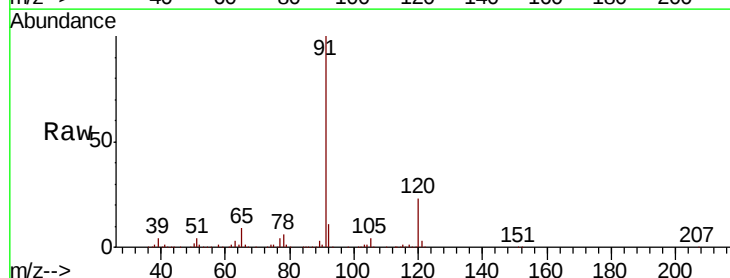
RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001065.D

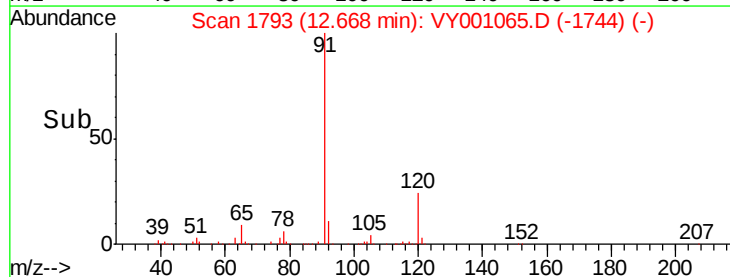
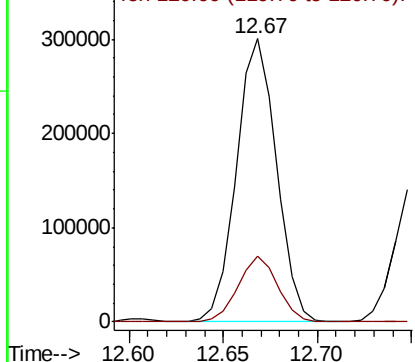
Acq: 26 Dec 2019 12:39

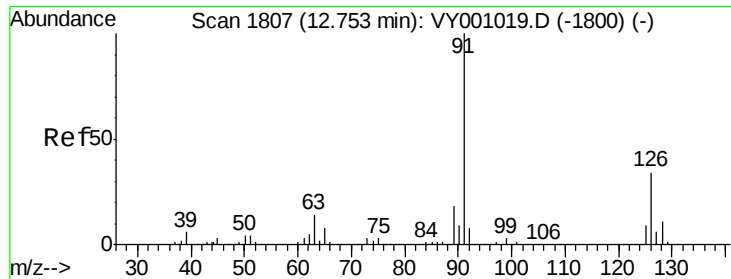
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 23.0  | 11.4  | 34.2  |



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.350 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001065.D

Acq: 26 Dec 2019 12:39

Instrument :

MSVOA\_Y

ClientSampleId :

VY1226SBS01

Tot Ion: 91 Resp: 244080

Ion Ratio Lower Upper

91 100

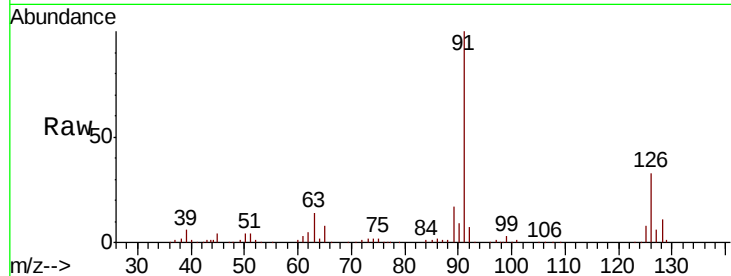
126 34.1 17.3 51.7

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Abundance Ion 91.00 (90.70 to 91.70): VY001019.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY001019.D (-1800) (-)

250000

200000

150000

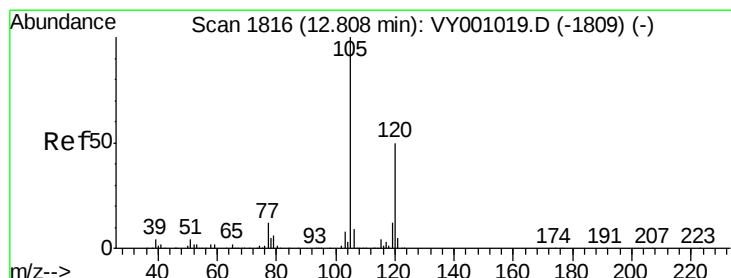
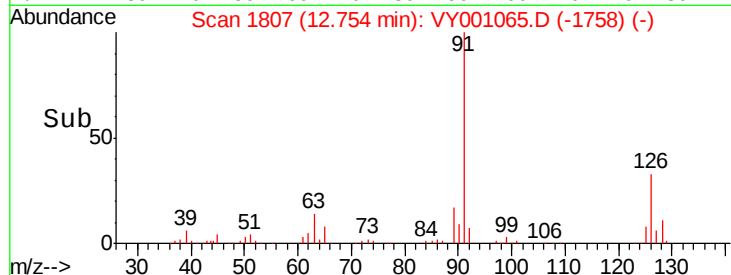
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.687 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001065.D

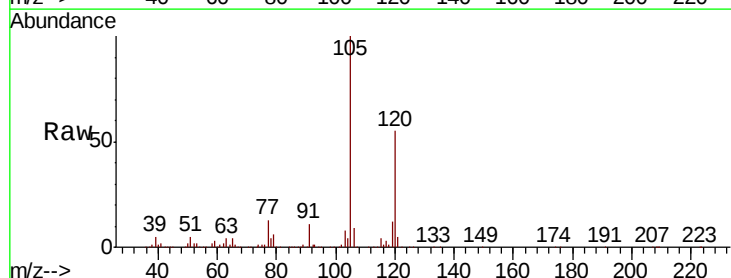
Acq: 26 Dec 2019 12:39

Tgt Ion: 105 Resp: 302235

Ion Ratio Lower Upper

105 100

120 51.0 25.1 75.4



Abundance Ion 105.00 (104.70 to 105.70): VY001019.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY001019.D (-1809) (-)

200000

150000

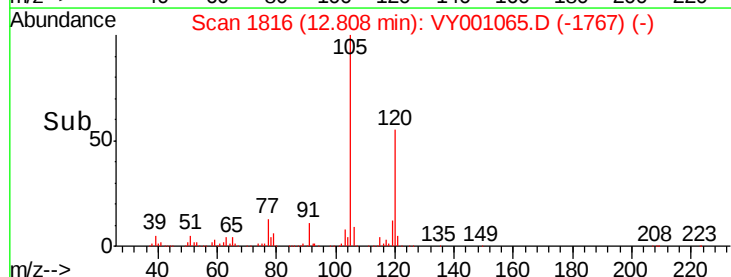
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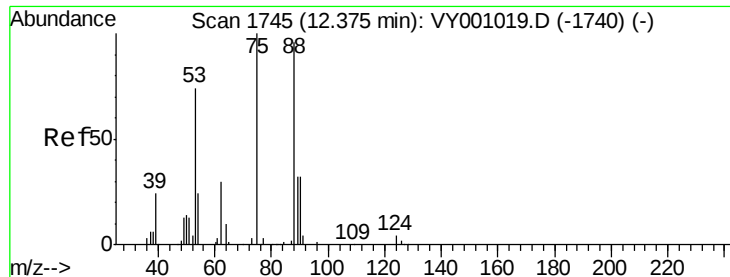
50000

0

12.70 12.80 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.049 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001065.D

Acq: 26 Dec 2019 12:39

Instrument :

MSVOA\_Y

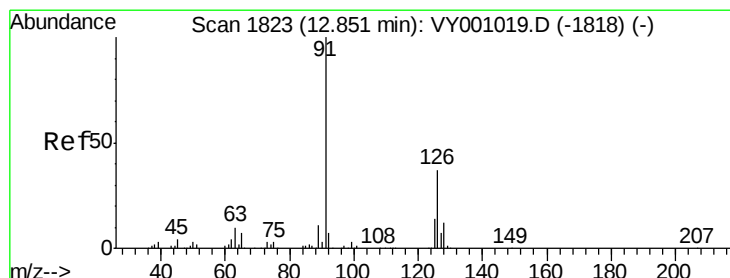
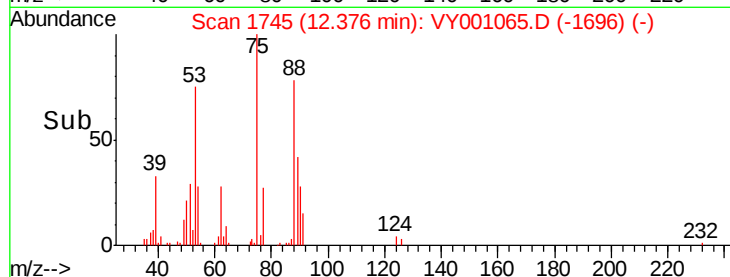
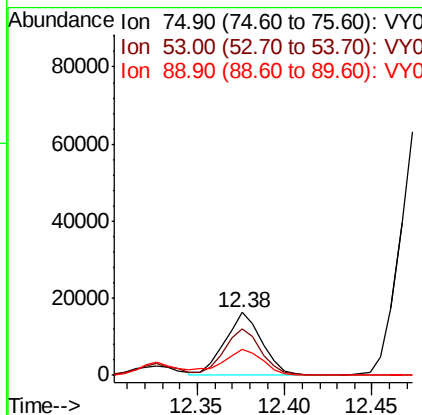
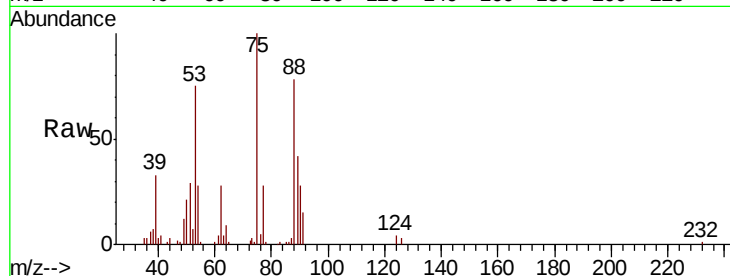
ClientSampleId :

VY1226SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 24030 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 73.4  | 60.6  | 91.0  |
| 89       | 45.5  | 35.4  | 53.0  |

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#82

4-Chlorotoluene

Concen: 20.496 ug/l

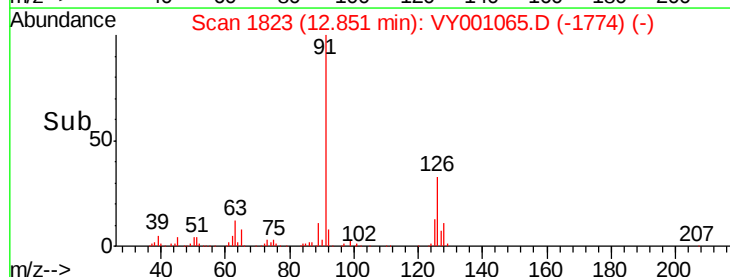
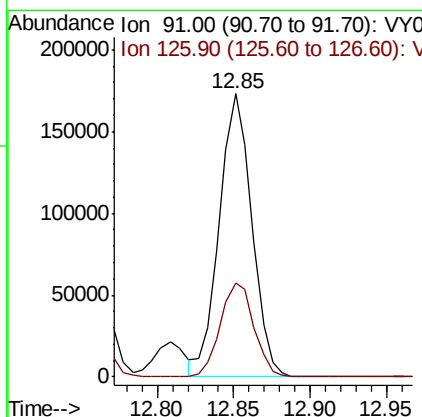
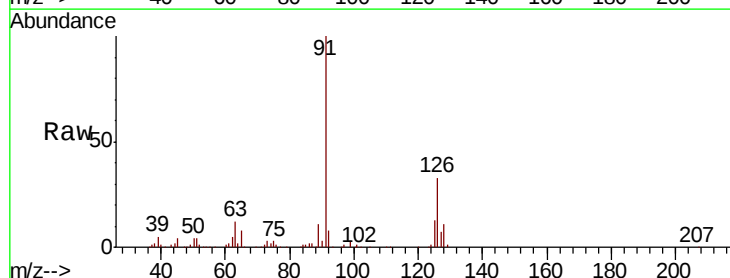
RT: 12.85 min Scan# 1823

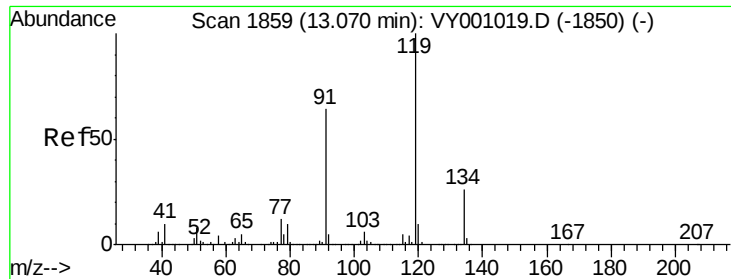
Delta R.T. 0.00 min

Lab File: VY001065.D

Acq: 26 Dec 2019 12:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 255333 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 34.5  | 17.6  | 52.8   |





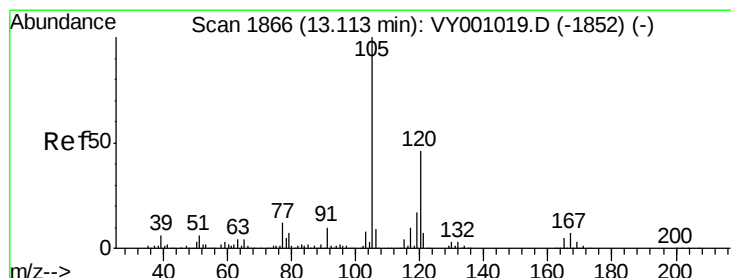
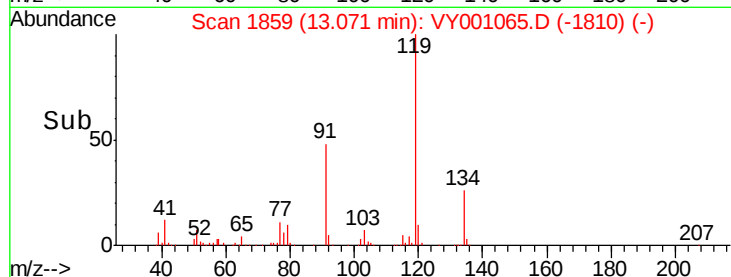
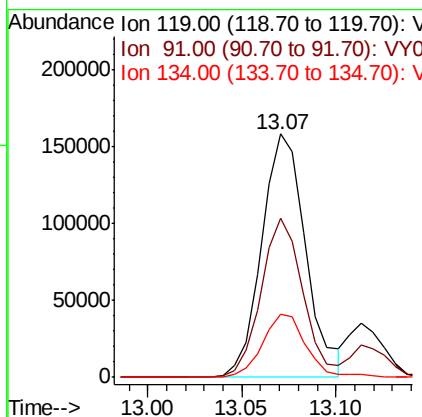
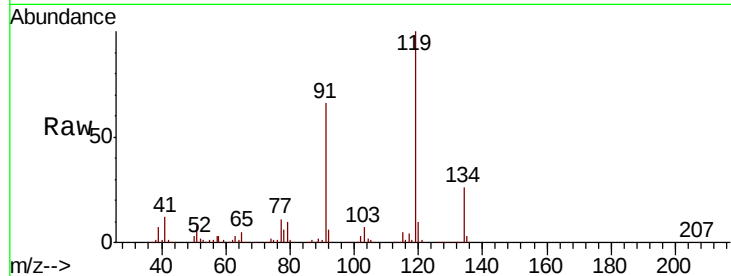
#83  
tert-Butylbenzene  
Concen: 20.899 ug/l  
RT: 13.07 min Scan# 1859  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 256313 |       |       |
| 91      | 62.1  |        | 31.9  | 95.7  |
| 134     | 25.9  |        | 13.6  | 40.7  |

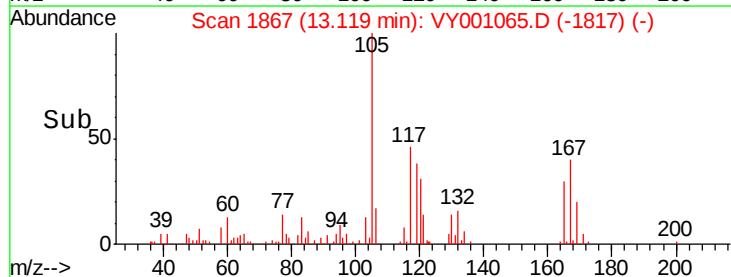
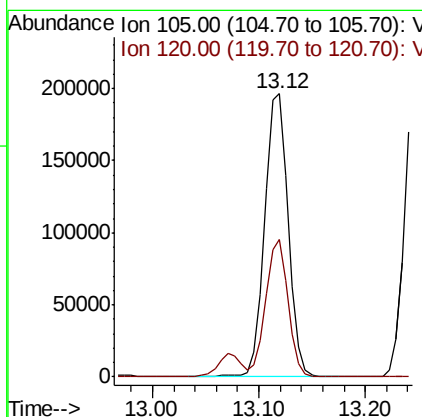
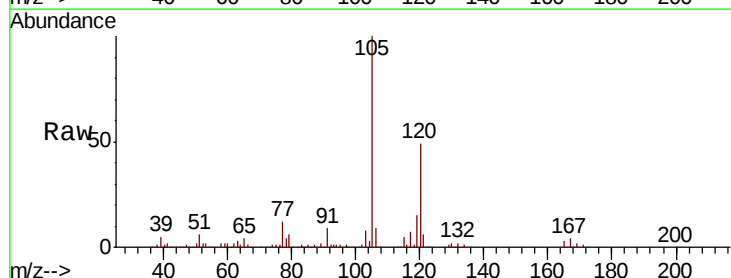
Manual Integrations  
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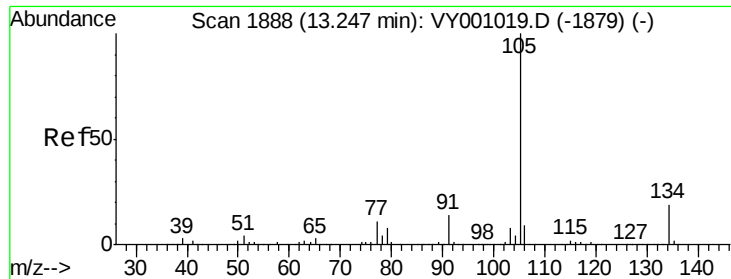
apatel  
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#84  
1,2,4-Trimethylbenzene  
Concen: 20.738 ug/l  
RT: 13.12 min Scan# 1867  
Delta R.T. 0.01 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 304465 |       |       |
| 120     | 46.2  |        | 23.4  | 70.2  |





#85

sec-Butylbenzene

Concen: 20.606 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VY001065.D

Acq: 26 Dec 2019 12:39

Instrument :

MSVOA\_Y

ClientSampleId :

VY1226SBS01

Tot Ion:105 Resp: 372559

Ion Ratio Lower Upper

105 100

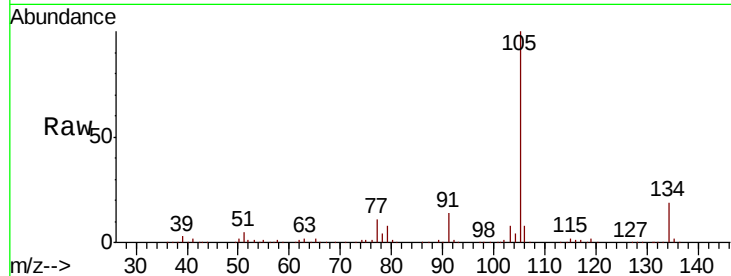
134 19.9 10.0 30.0

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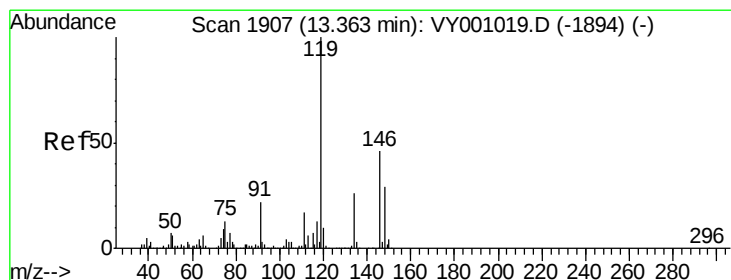
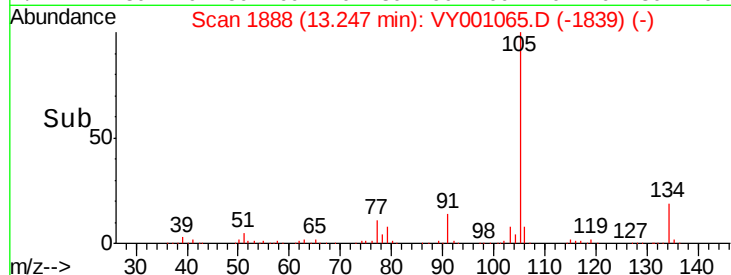
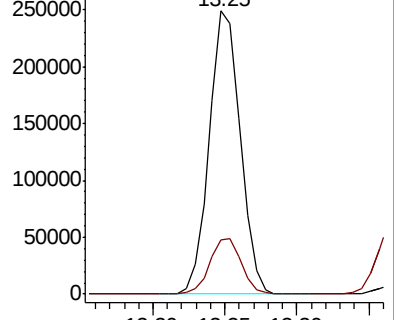
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.165 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY001065.D

Acq: 26 Dec 2019 12:39

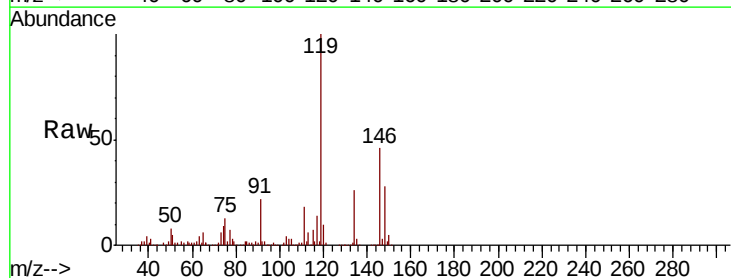
Tgt Ion:119 Resp: 331123

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.7

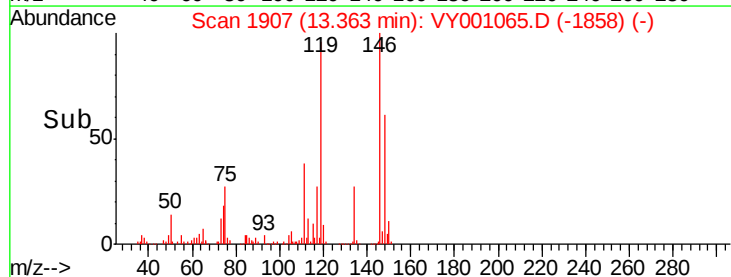
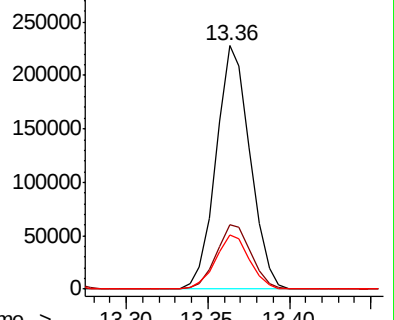
91 22.1 11.4 34.1

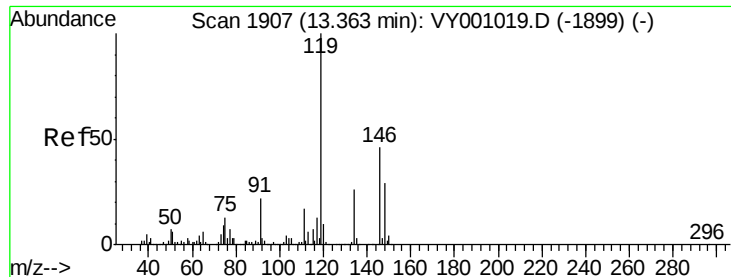


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





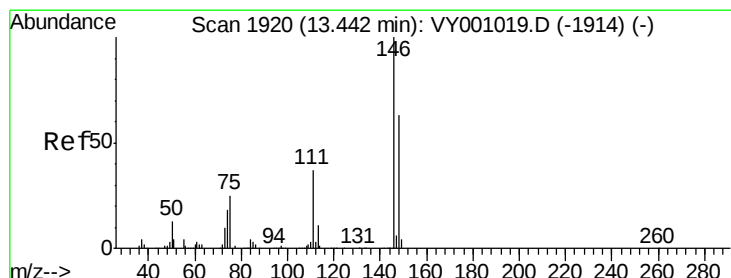
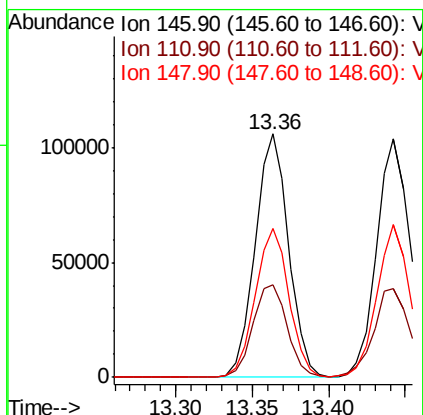
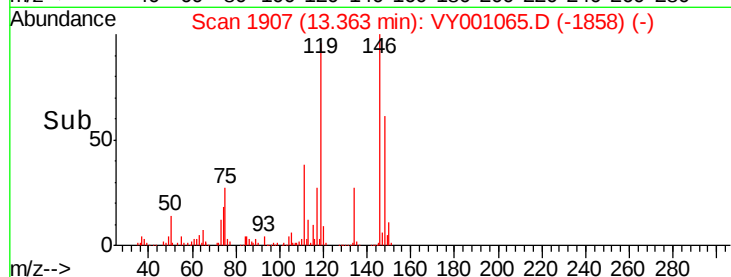
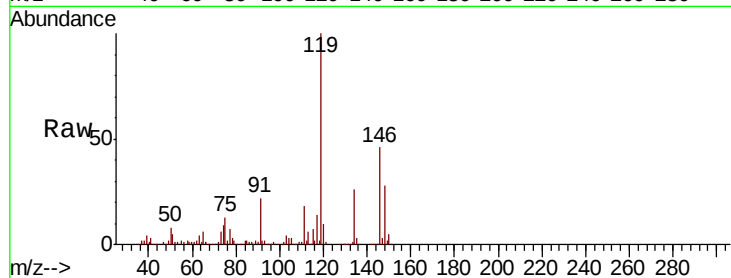
#87  
 1,3-Dichlorobenzene  
 Concen: 20.950 ug/l  
 RT: 13.36 min Scan# 1907  
 Delta R.T. 0.00 min  
 Lab File: VY001065.D  
 Acq: 26 Dec 2019 12:39

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1226SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 161292 |       |       |
| 111     | 39.0  | 19.7   | 59.0  |       |
| 148     | 61.4  | 31.9   | 95.5  |       |

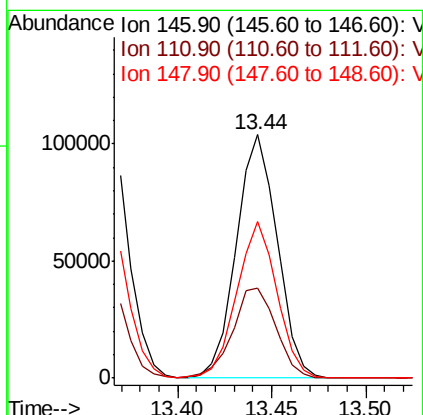
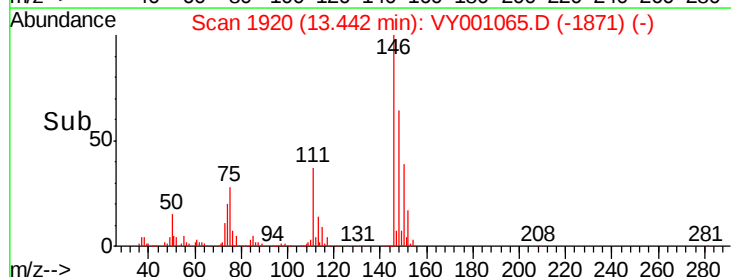
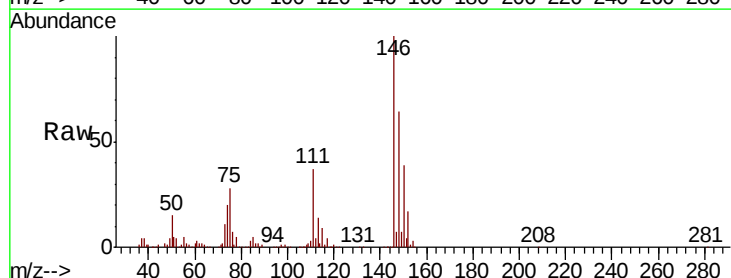
Manual Integrations  
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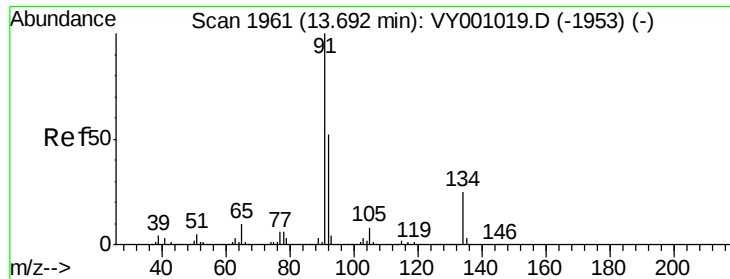
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#88  
 1,4-Dichlorobenzene  
 Concen: 20.109 ug/l  
 RT: 13.44 min Scan# 1920  
 Delta R.T. 0.00 min  
 Lab File: VY001065.D  
 Acq: 26 Dec 2019 12:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 156181 |       |       |
| 111     | 39.7  | 19.4   | 58.2  |       |
| 148     | 63.4  | 31.8   | 95.3  |       |





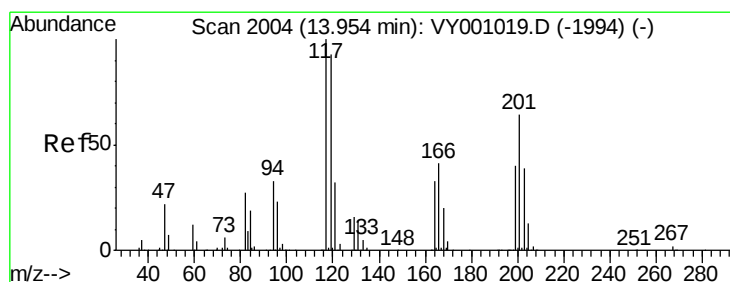
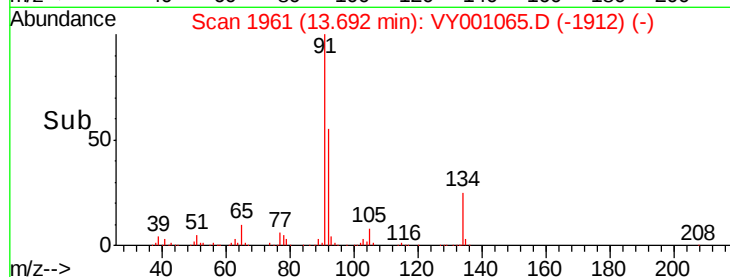
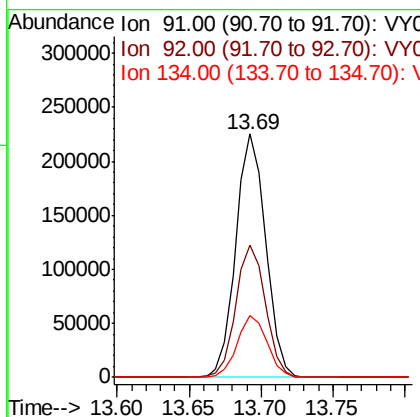
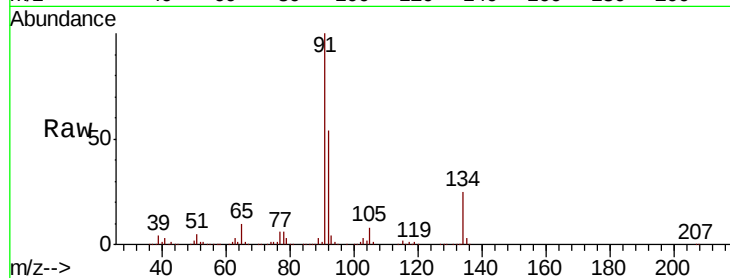
#89  
n-Butylbenzene  
Concen: 20.733 ug/l  
RT: 13.69 min Scan# 1961  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 53.9  | 26.9  | 80.7  |
| 134     | 25.3  | 12.7  | 38.0  |

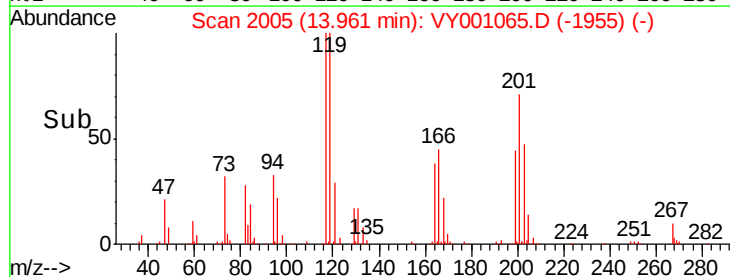
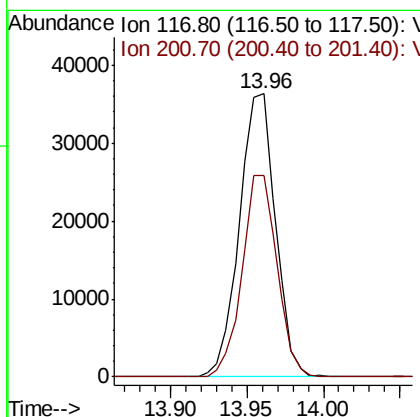
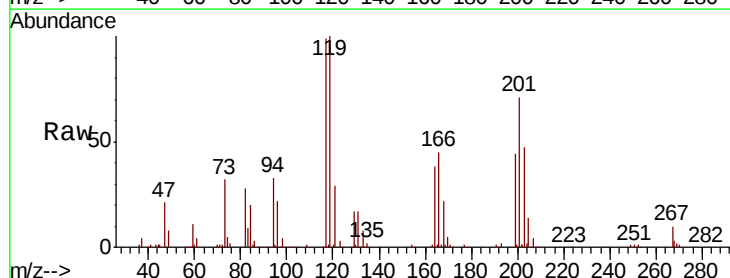
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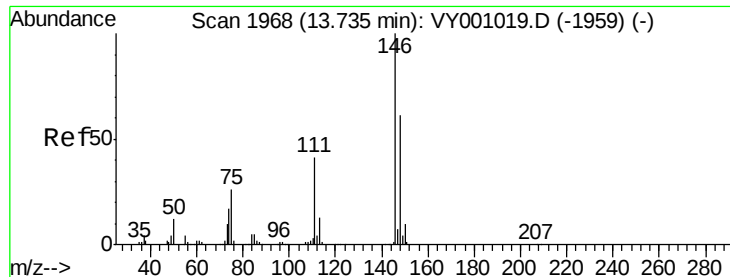
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#90  
Hexachloroethane  
Concen: 20.205 ug/l  
RT: 13.96 min Scan# 2005  
Delta R.T. 0.01 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 68.9  | 33.7  | 101.1 |





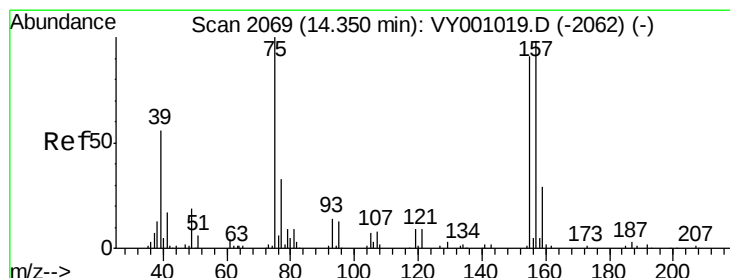
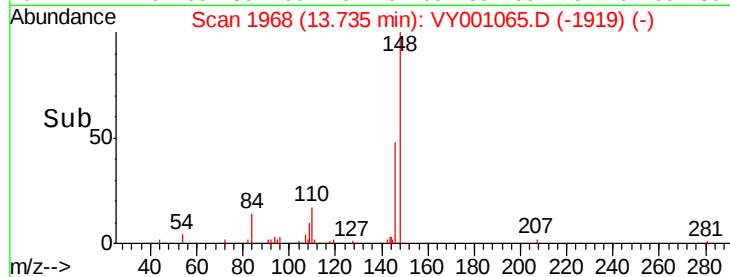
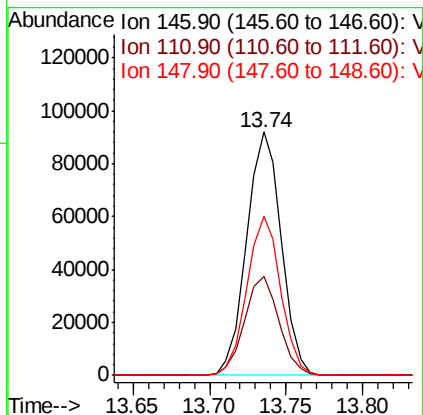
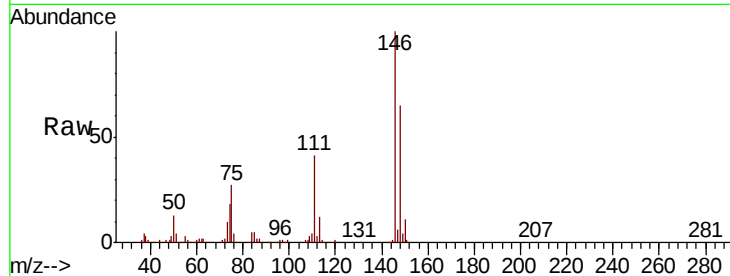
#91  
 1,2-Dichlorobenzene  
 Concen: 20.346 ug/l  
 RT: 13.74 min Scan# 1968  
 Delta R.T. 0.00 min  
 Lab File: VY001065.D  
 Acq: 26 Dec 2019 12:39

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1226SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.7  | 20.6  | 61.9  |
| 148     | 63.9  | 31.6  | 94.7  |

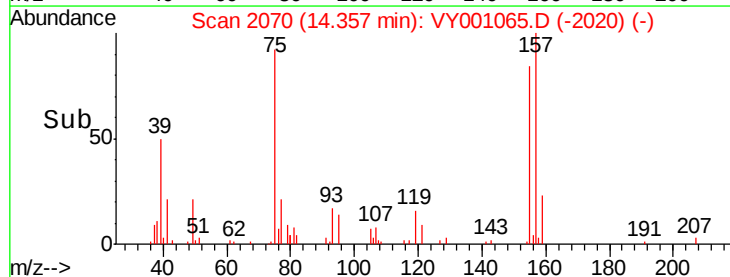
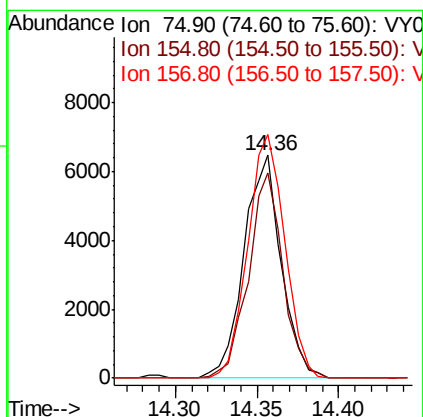
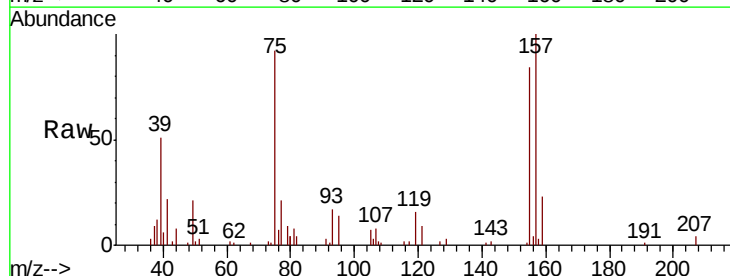
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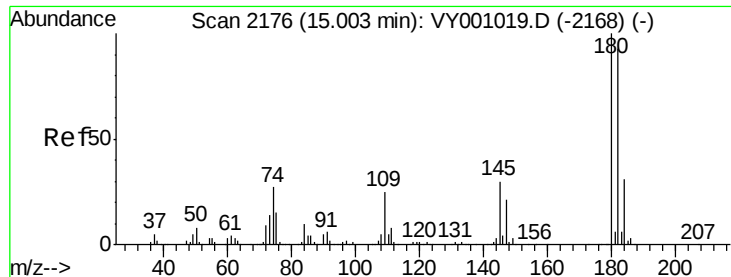
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 17.499 ug/l  
 RT: 14.36 min Scan# 2070  
 Delta R.T. 0.01 min  
 Lab File: VY001065.D  
 Acq: 26 Dec 2019 12:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 85.2  | 46.3  | 138.9 |
| 157     | 108.4 | 58.1  | 174.4 |





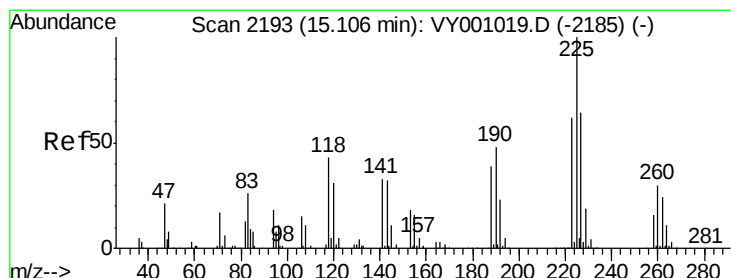
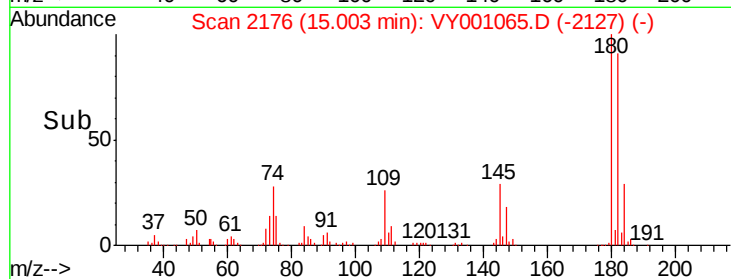
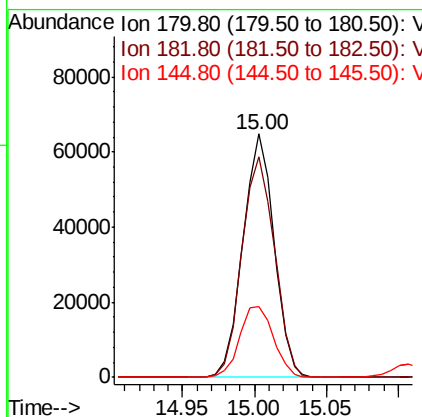
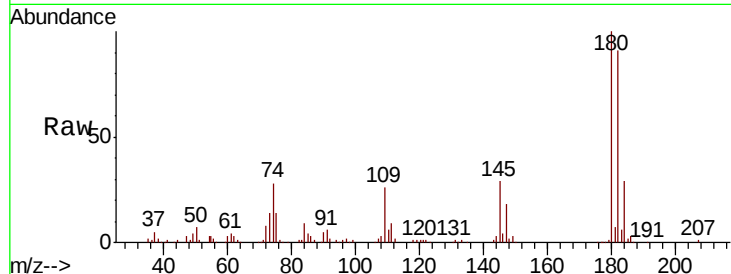
#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.270 ug/l  
 RT: 15.00 min Scan# 2176  
 Delta R.T. 0.00 min  
 Lab File: VY001065.D  
 Acq: 26 Dec 2019 12:39

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1226SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.1  | 46.8  | 140.3 |
| 145     | 31.7  | 15.3  | 45.9  |

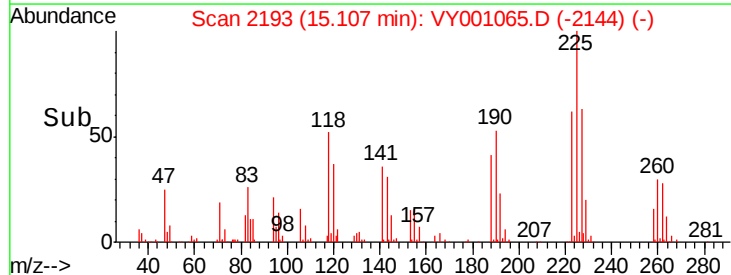
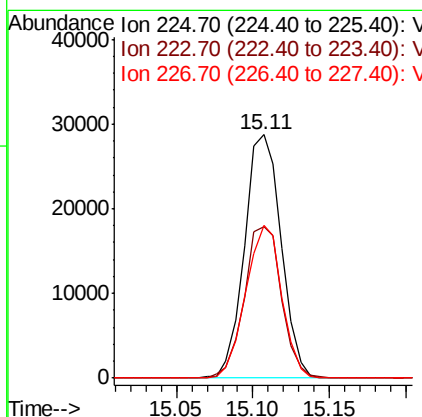
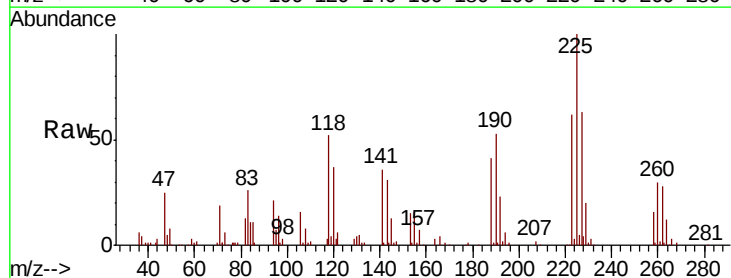
Manual Integrations  
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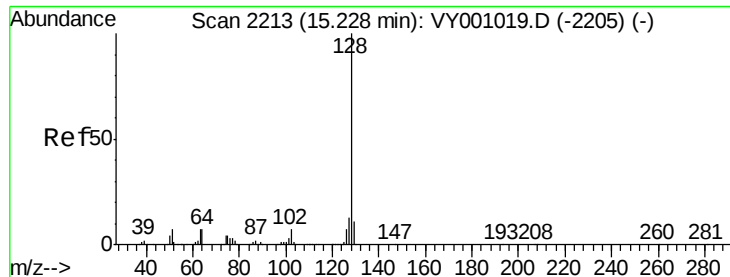
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#94  
 Hexachlorobutadiene  
 Concen: 20.961 ug/l  
 RT: 15.11 min Scan# 2193  
 Delta R.T. 0.00 min  
 Lab File: VY001065.D  
 Acq: 26 Dec 2019 12:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.2  | 31.6  | 94.8  |
| 227     | 61.7  | 31.9  | 95.5  |





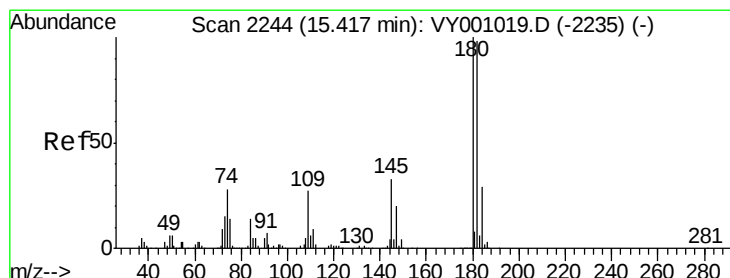
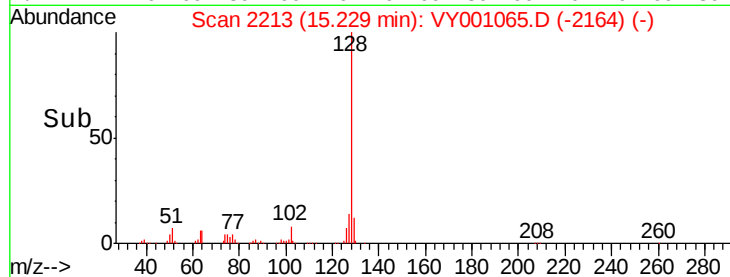
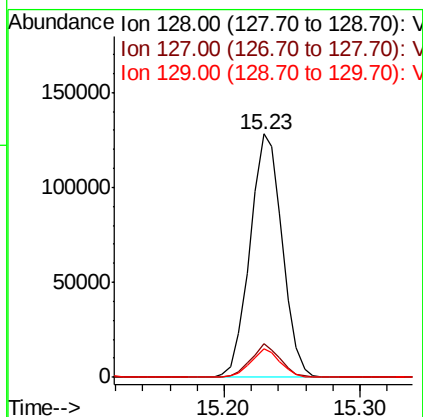
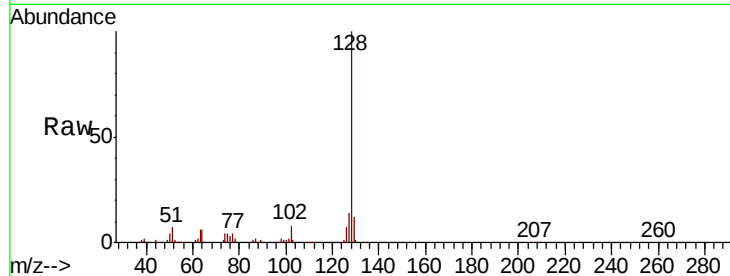
#95  
Naphthalene  
Concen: 18.877 ug/l  
RT: 15.23 min Scan# 2213  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 212806 |       |       |
| 127     | 12.7  |        | 9.9   | 14.9  |
| 129     | 10.7  |        | 8.6   | 13.0  |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 20.253 ug/l  
RT: 15.42 min Scan# 2244  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 86583 |       |       |
| 182     | 94.4  |       | 47.9  | 143.8 |
| 145     | 33.1  |       | 16.3  | 48.9  |

