

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

Quant Time: Dec 27 02:09:07 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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 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          | 7.36  | 41   | 66029    | 51.253  | ug/l # | 100      |
| 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   | 88357    | 31.117  | ug/l # | 100      |
| 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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Operator : SY/MD  
Sample : VY1226SBSD01  
Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 5 Sample Multiplier: 1

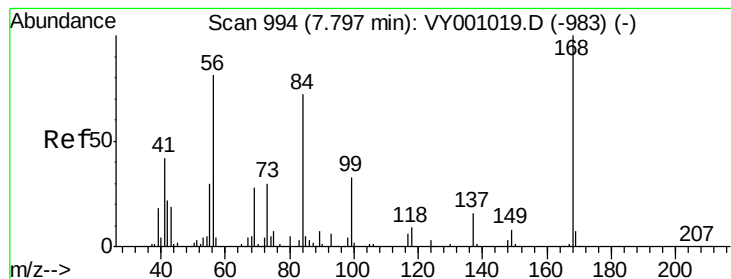
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBSD01

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QLast Update : Mon Dec 23 12:07:44 2019  
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| 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 :

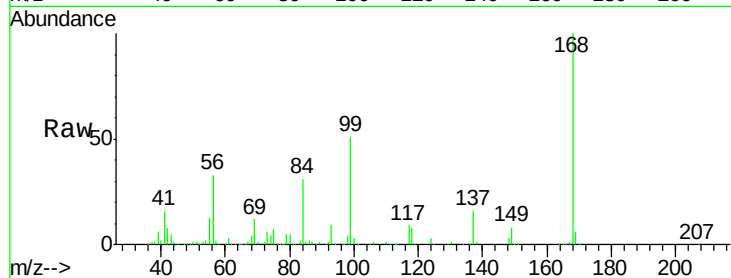
VY1226SBS01

Tgt Ion:168 Resp: 324397

Ion Ratio Lower Upper

168 100

99 51.2 44.0 66.0



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

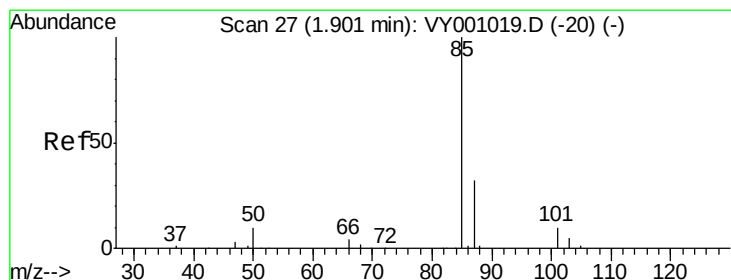
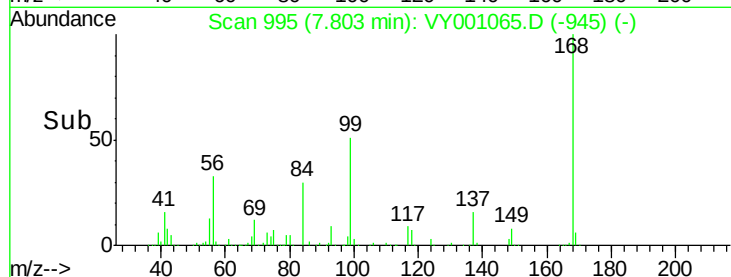
100000

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

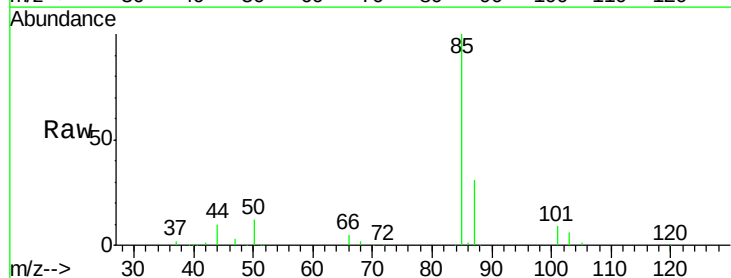
Acq: 26 Dec 2019 12:39

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

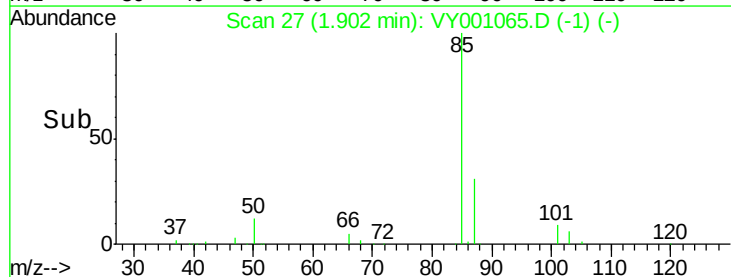
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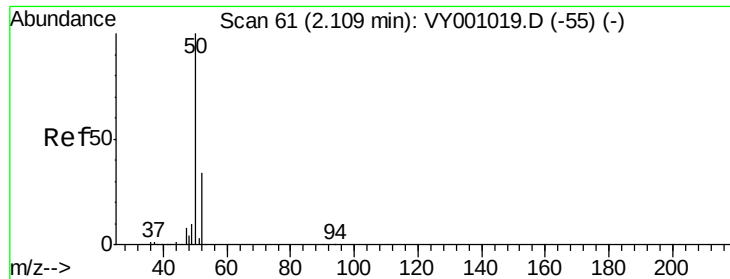
10000

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 :

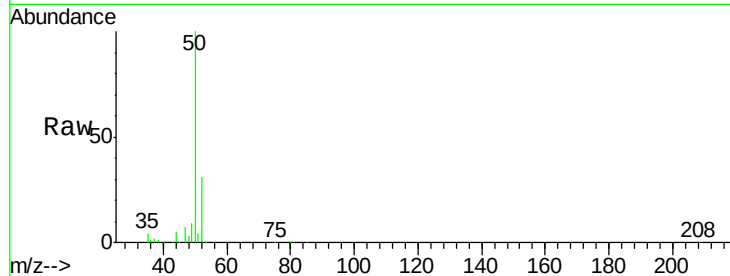
VY1226SBS01

Tgt Ion: 50 Resp: 77619

Ion Ratio Lower Upper

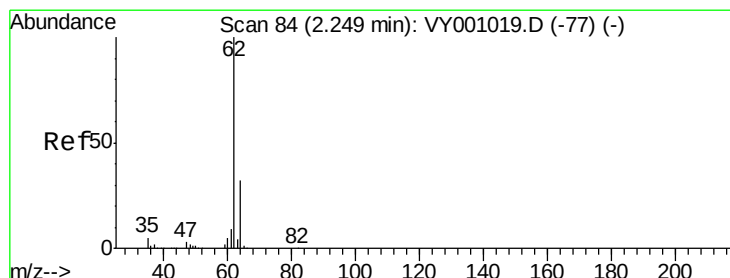
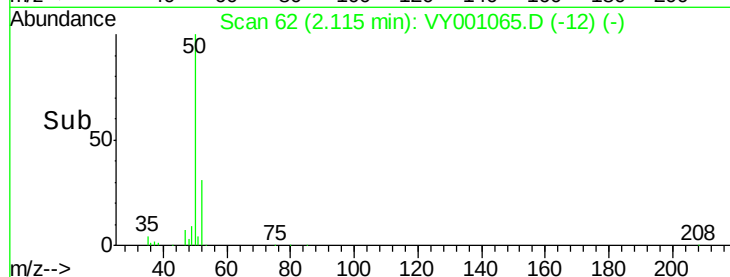
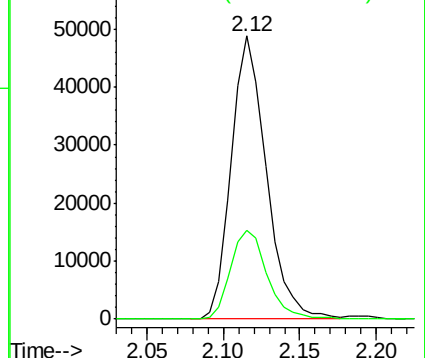
50 100

52 31.4 27.1 40.7



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 19.909 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY001065.D

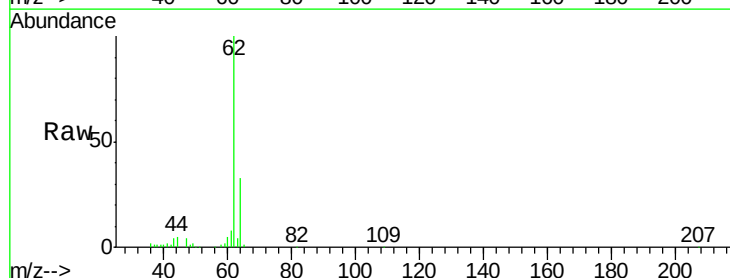
Acq: 26 Dec 2019 12:39

Tgt Ion: 62 Resp: 74384

Ion Ratio Lower Upper

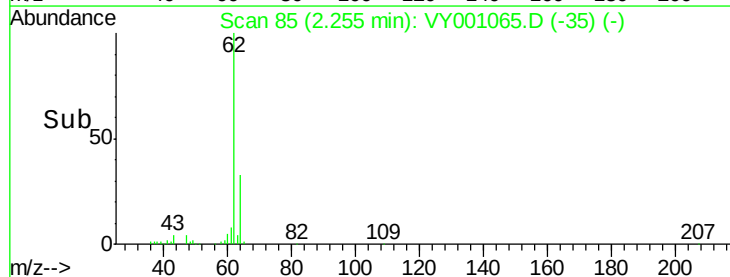
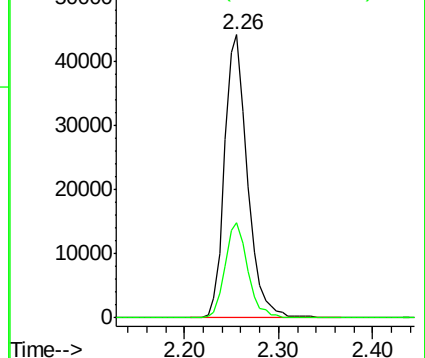
62 100

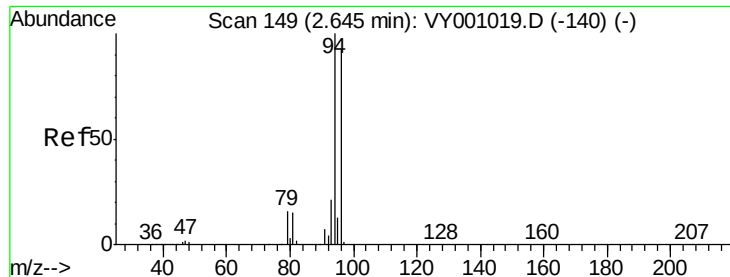
64 33.5 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#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 :

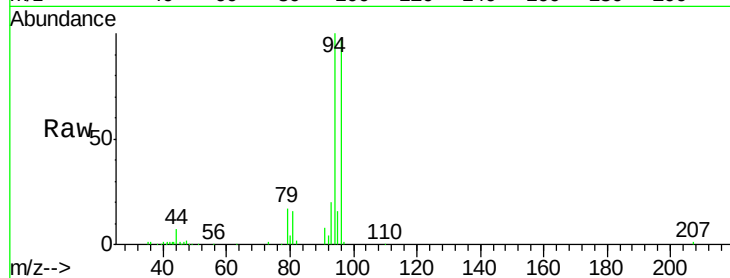
VY1226SBS01

Tgt Ion: 94 Resp: 47157

Ion Ratio Lower Upper

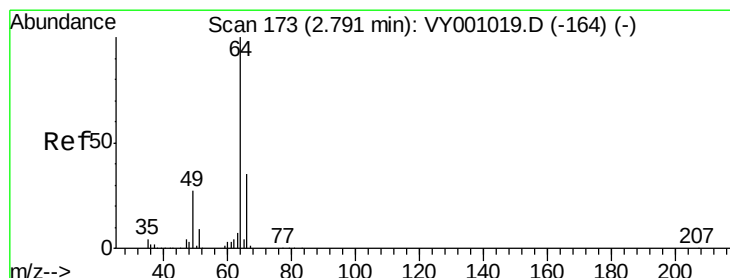
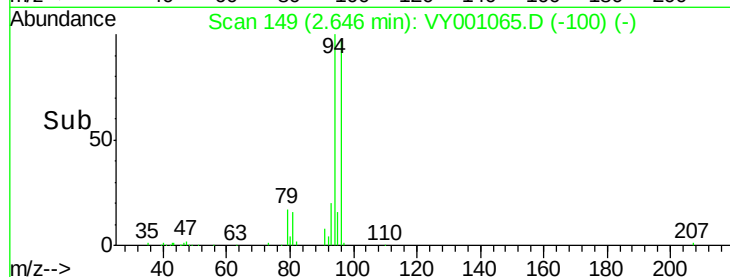
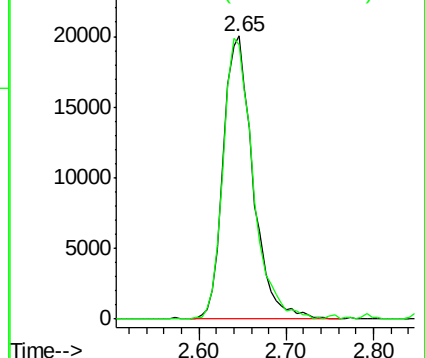
94 100

96 96.6 74.2 111.4



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

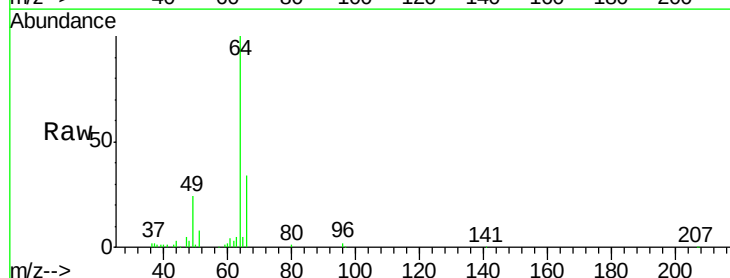
Acq: 26 Dec 2019 12:39

Tgt Ion: 64 Resp: 47424

Ion Ratio Lower Upper

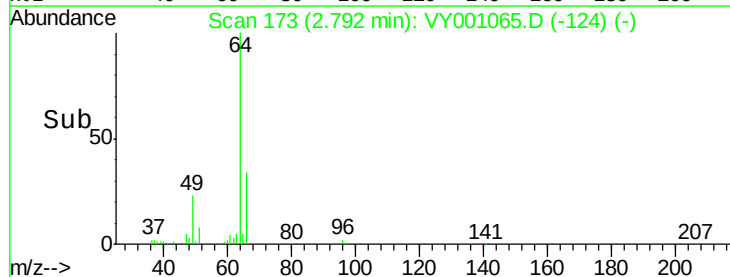
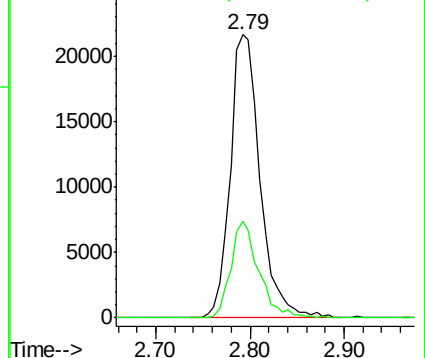
64 100

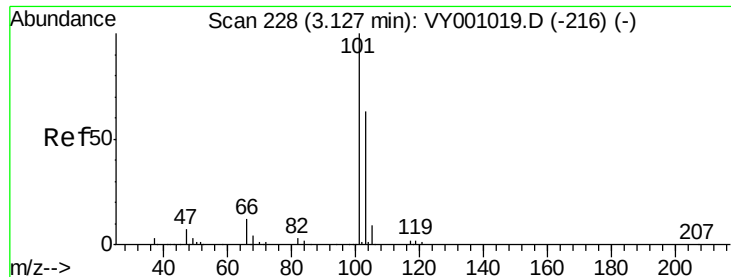
66 34.1 27.8 41.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



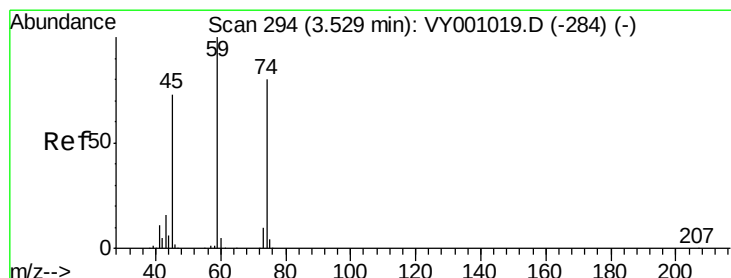
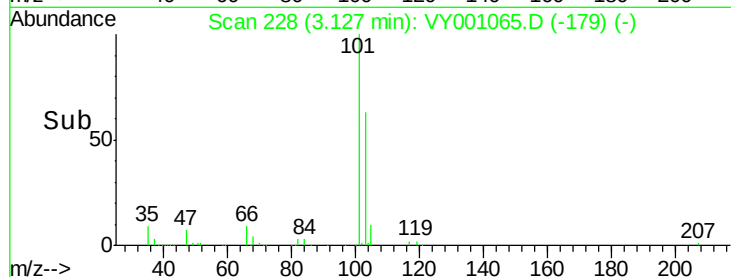
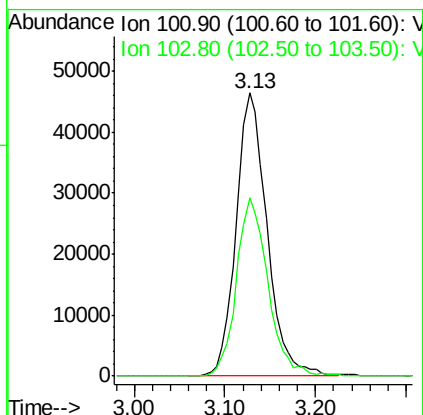
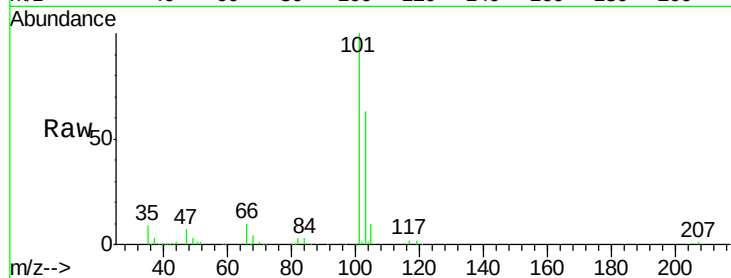


#7

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

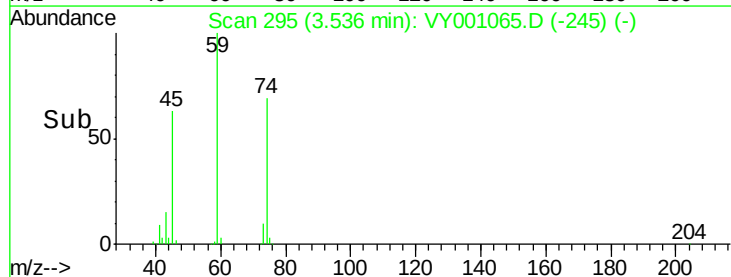
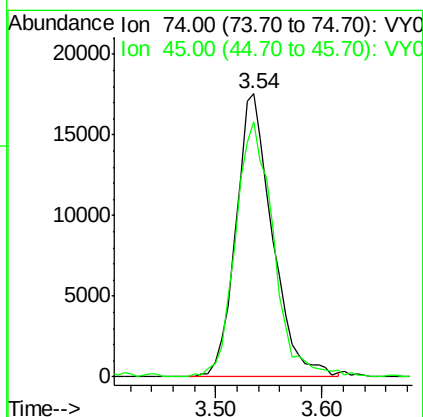
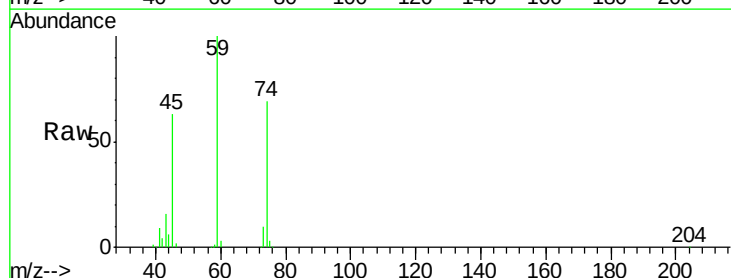
Tgt Ion:101 Resp: 110010  
Ion Ratio Lower Upper  
101 100  
103 63.2 50.2 75.2



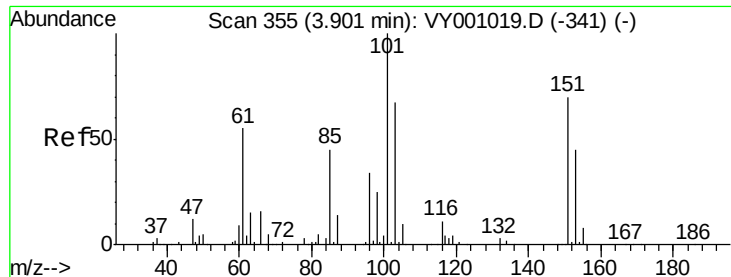
#8

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: 74 Resp: 42246  
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 :

VY1226SBSD01

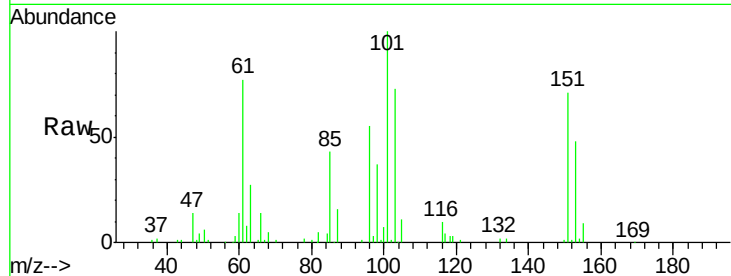
Tgt Ion:101 Resp: 73142

Ion Ratio Lower Upper

101 100

85 44.0 34.2 51.2

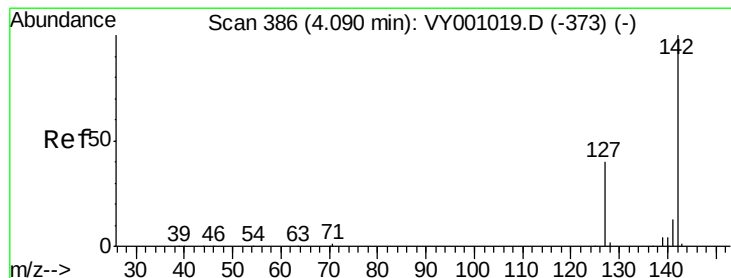
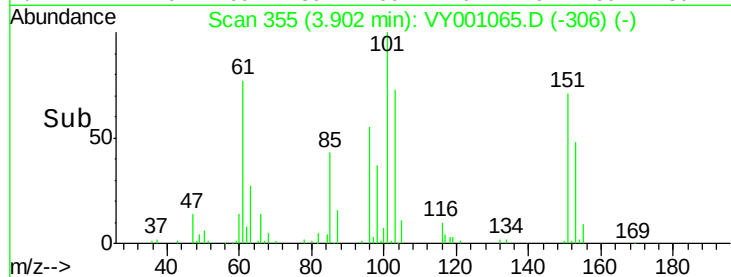
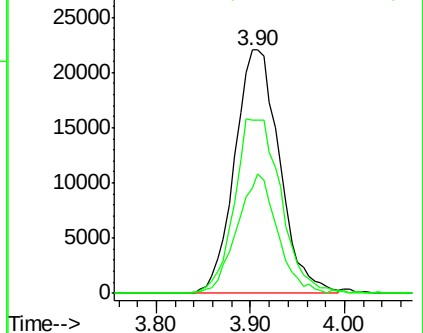
151 74.5 57.0 85.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#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

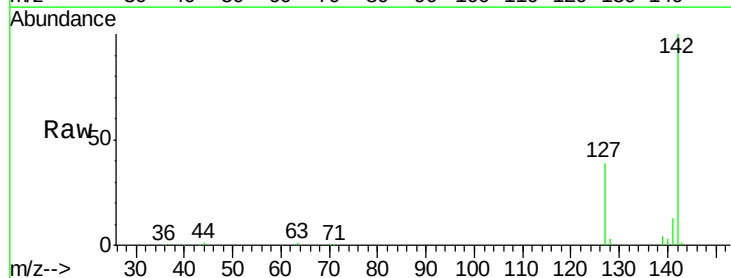
Tgt Ion:142 Resp: 96758

Ion Ratio Lower Upper

142 100

127 38.1 31.2 46.8

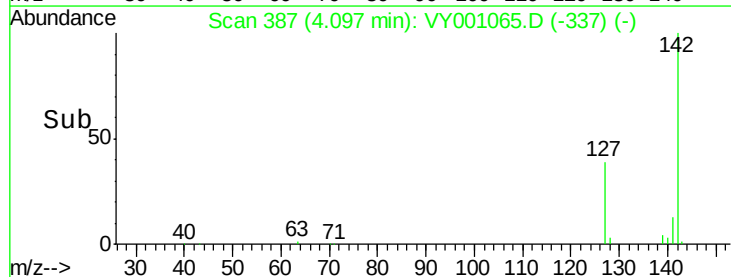
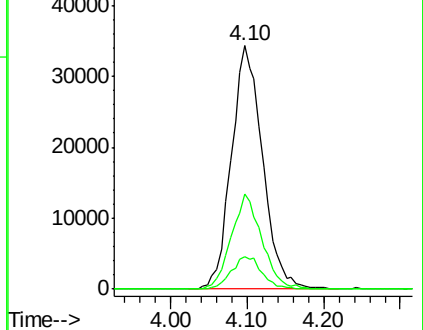
141 13.1 11.0 16.4

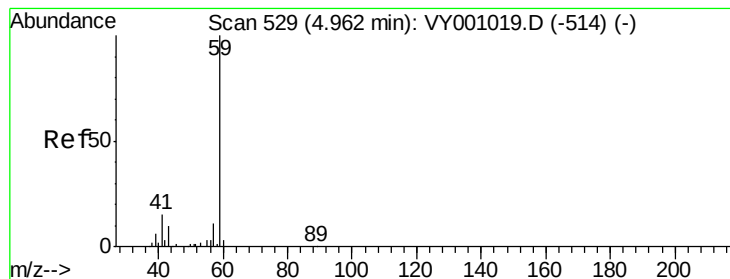


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



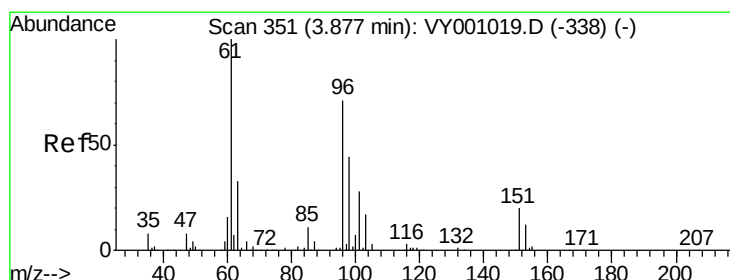
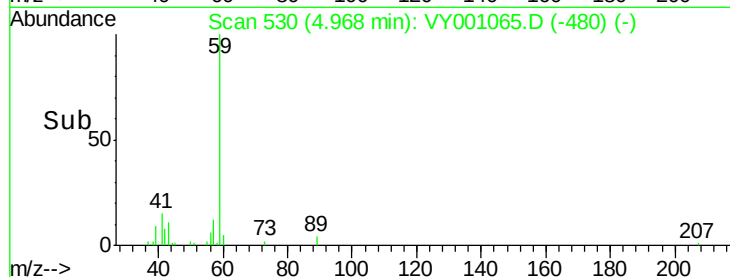
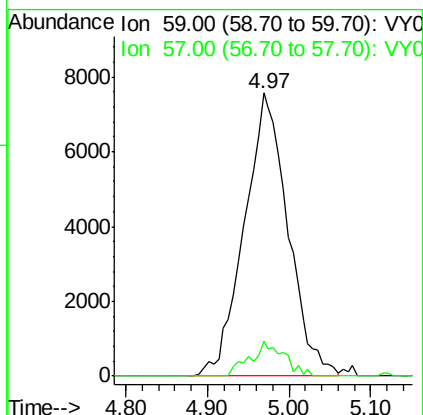
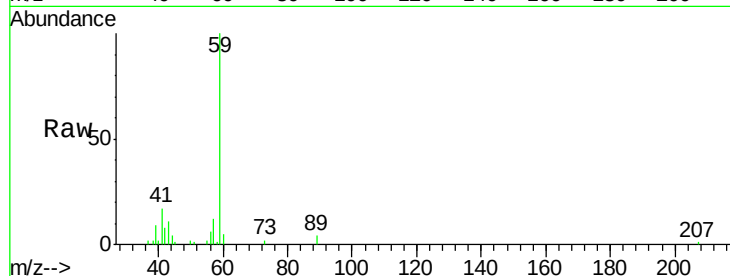


#11

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

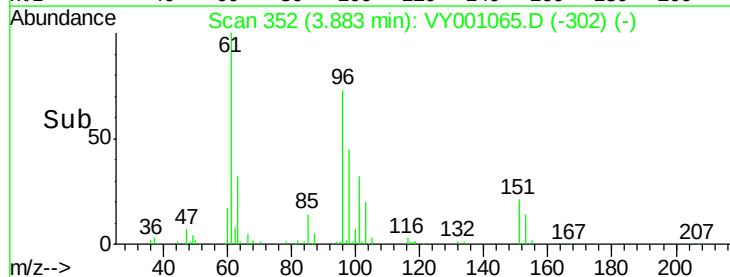
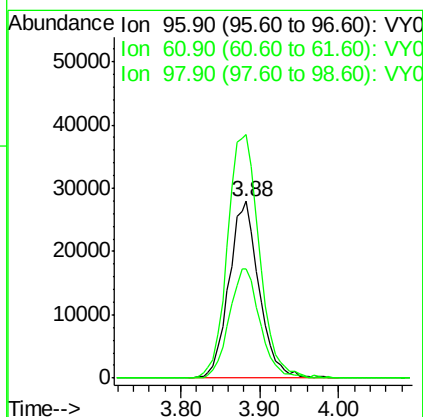
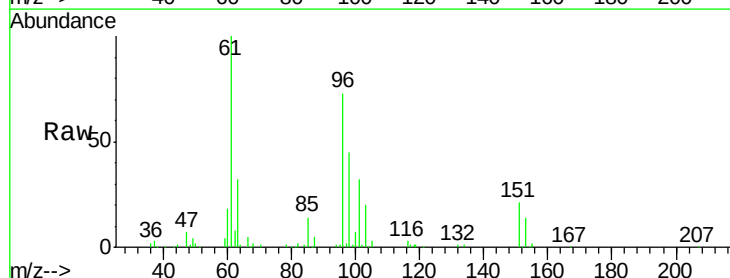
Tgt Ion: 59 Resp: 28119  
Ion Ratio Lower Upper  
59 100  
57 9.5 7.8 11.6

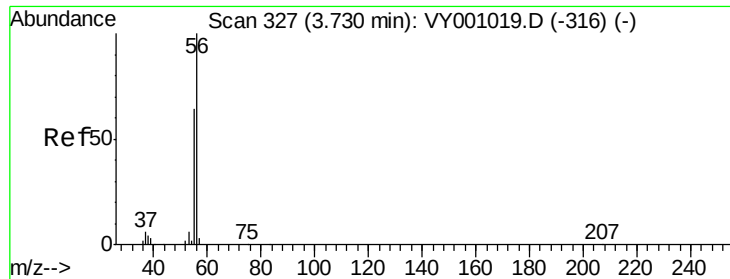


#12

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 :

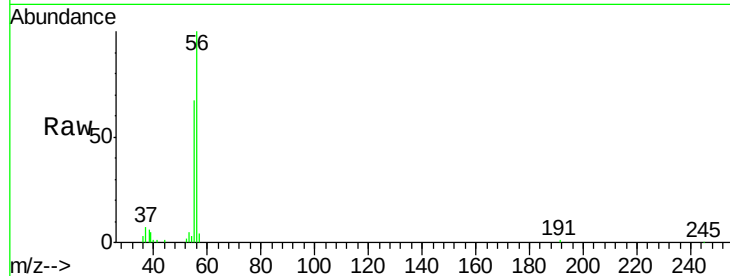
VY1226SBS01

Tgt Ion: 56 Resp: 34656

Ion Ratio Lower Upper

56 100

55 70.7 55.6 83.4



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

15000

10000

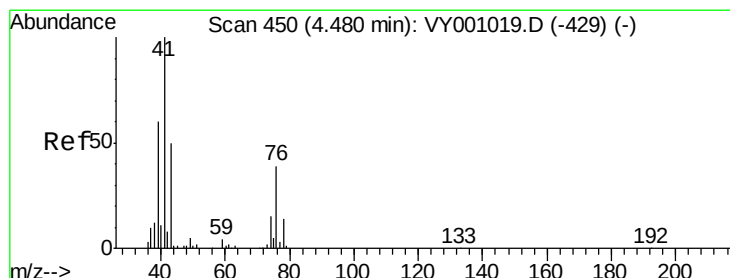
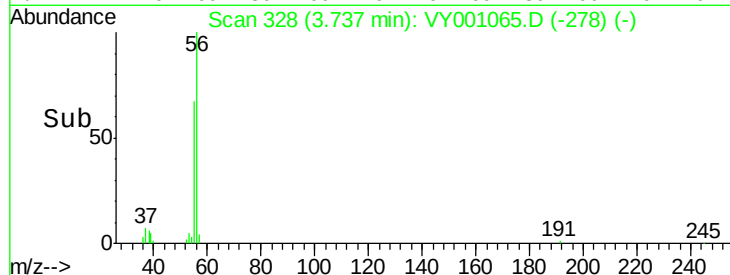
5000

0

3.74

3.70 3.80

Time-->



#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

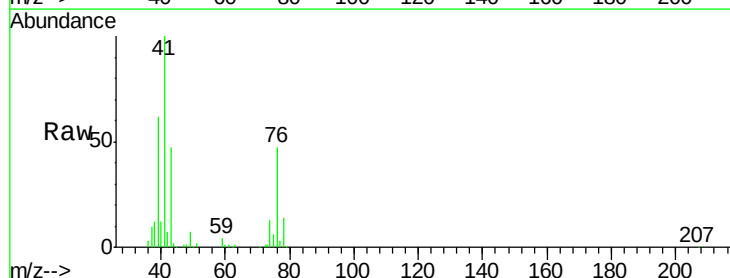
Tgt Ion: 41 Resp: 109962

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

40000

30000

20000

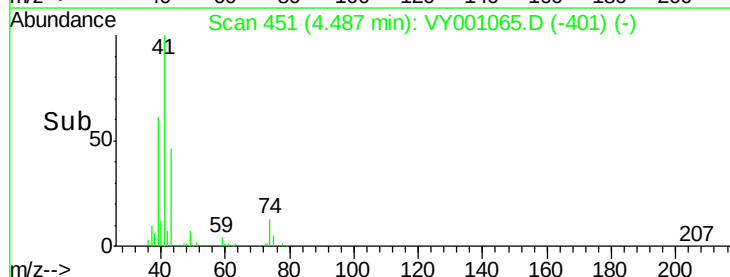
10000

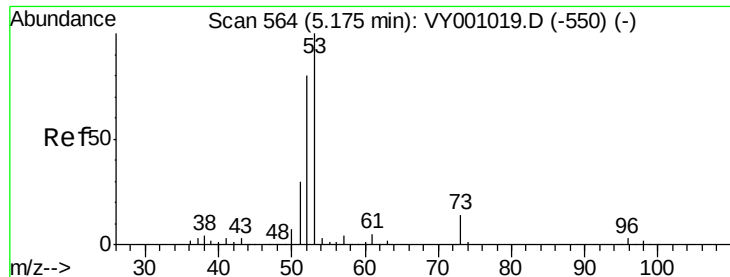
0

4.49

4.30 4.40 4.50 4.60

Time-->





#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

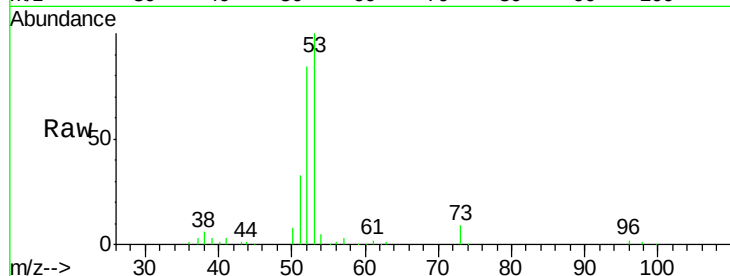
Tgt Ion: 53 Resp: 99789

Ion Ratio Lower Upper

53 100

52 79.8 63.6 95.4

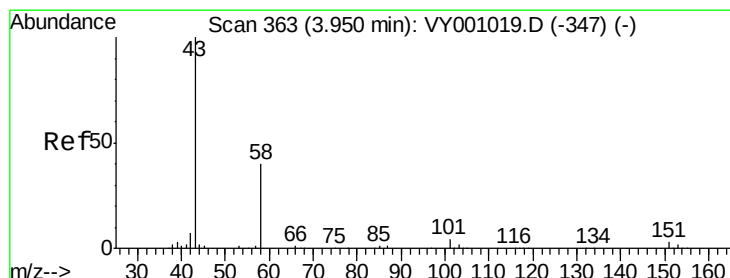
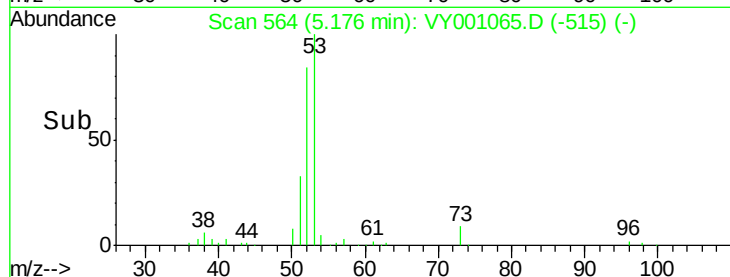
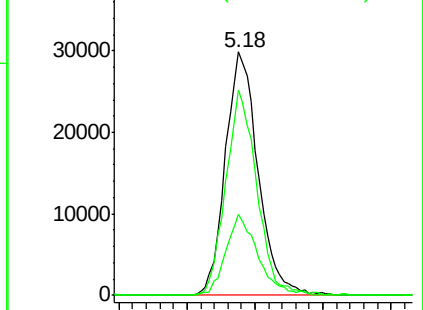
51 32.5 26.7 40.1



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 94.101 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001065.D

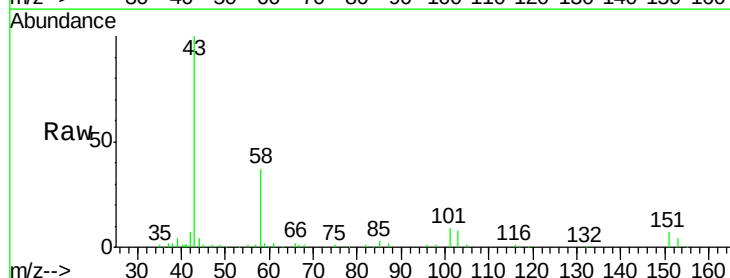
Acq: 26 Dec 2019 12:39

Tgt Ion: 43 Resp: 69359

Ion Ratio Lower Upper

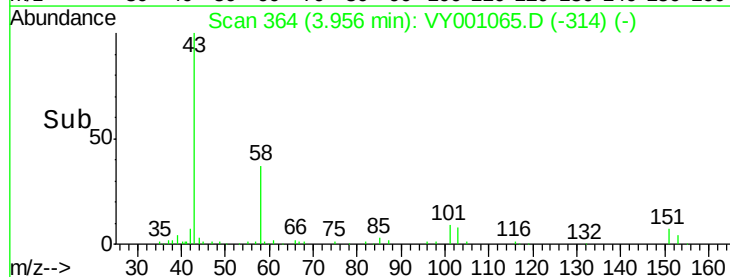
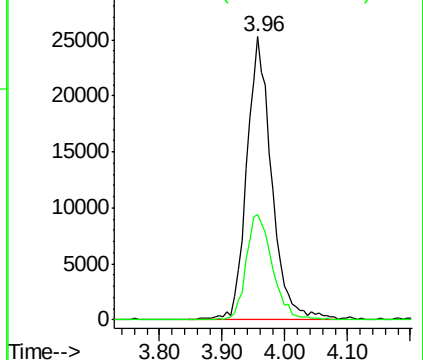
43 100

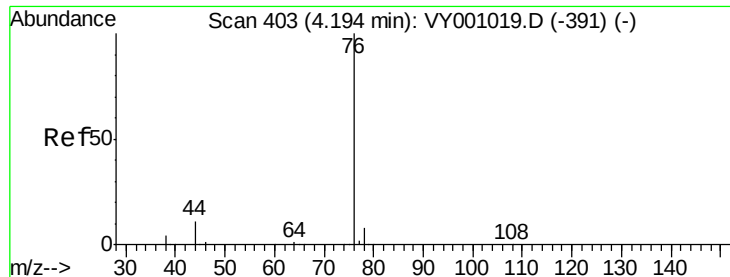
58 37.3 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

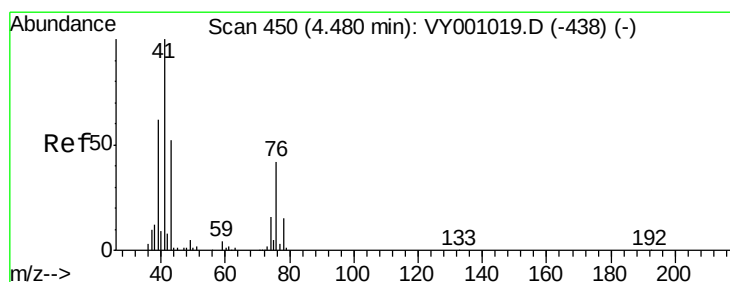
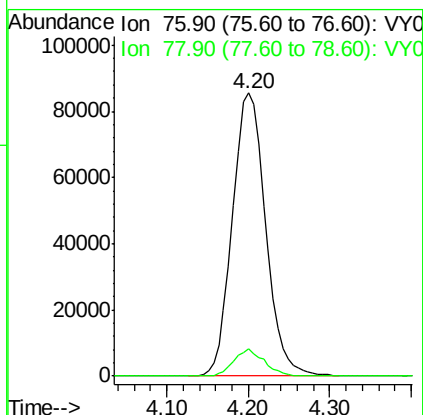
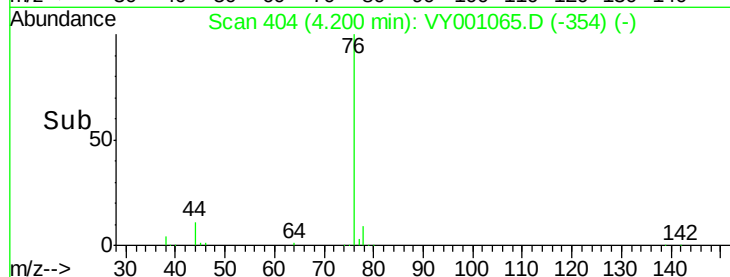
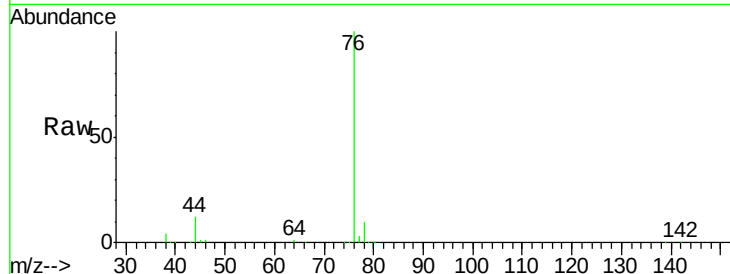




#17  
Carbon Disulfide  
Concen: 20.298 ug/l  
RT: 4.20 min Scan# 404  
Delta R.T. 0.01 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

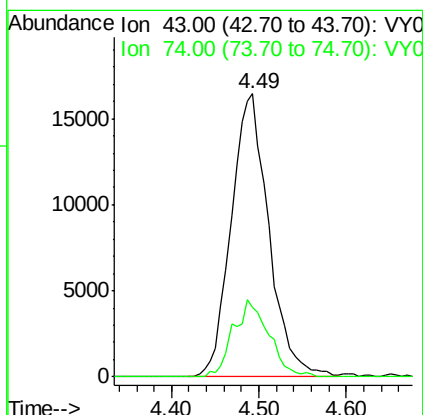
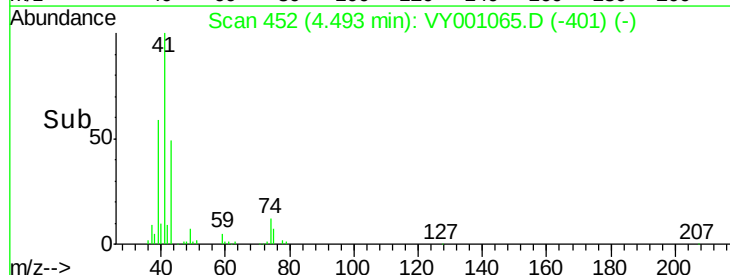
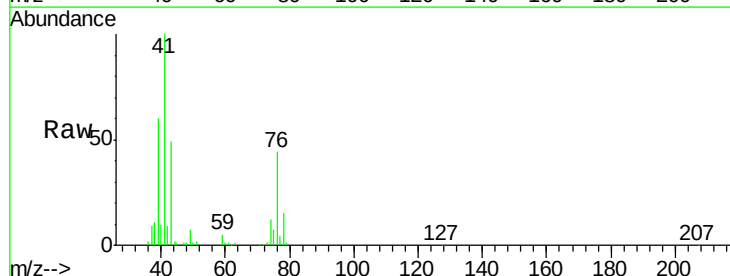
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBS01

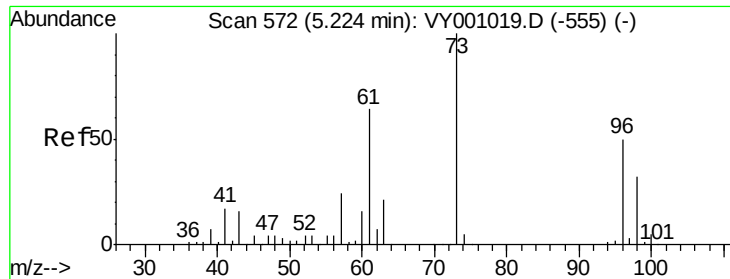
Tgt Ion: 76 Resp: 241723  
Ion Ratio Lower Upper  
76 100  
78 9.5 6.7 10.1



#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: 43 Resp: 49122  
Ion Ratio Lower Upper  
43 100  
74 25.7 20.7 31.1

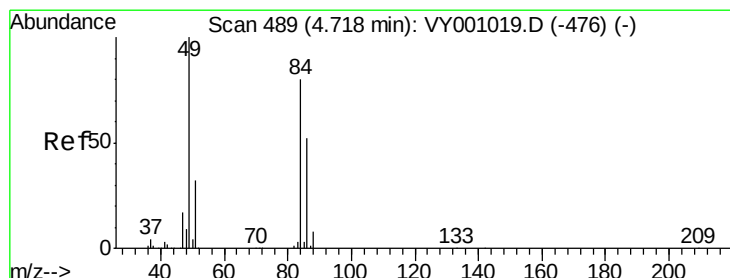
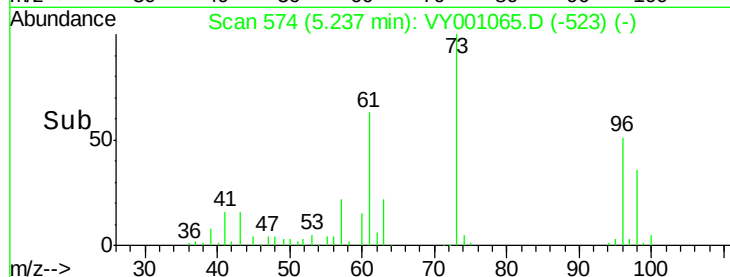
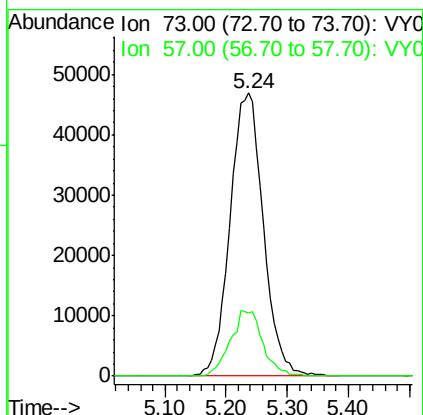
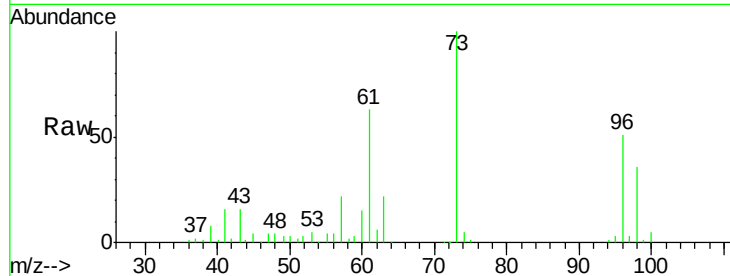




#19  
Methyl tert-butyl Ether  
Concen: 18.712 ug/l  
RT: 5.24 min Scan# 574  
Delta R.T. 0.01 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

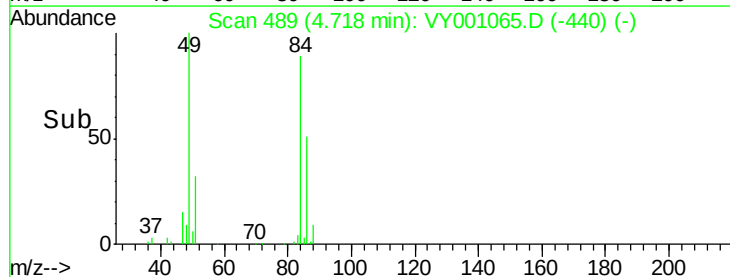
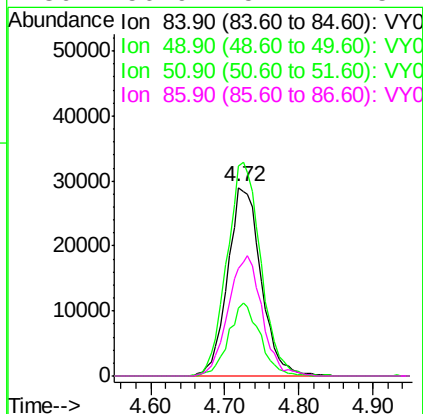
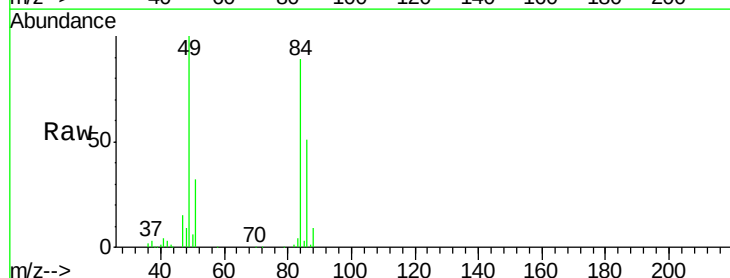
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBS01

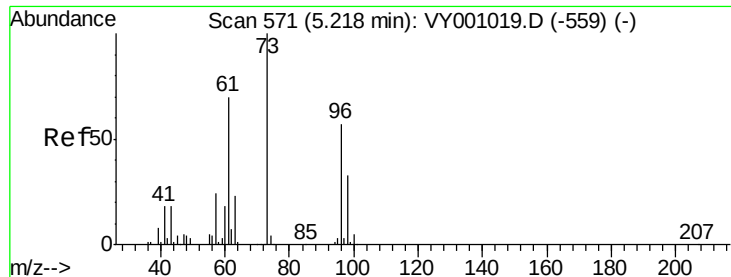
Tgt Ion: 73 Resp: 176002  
Ion Ratio Lower Upper  
73 100  
57 22.2 19.0 28.6



#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

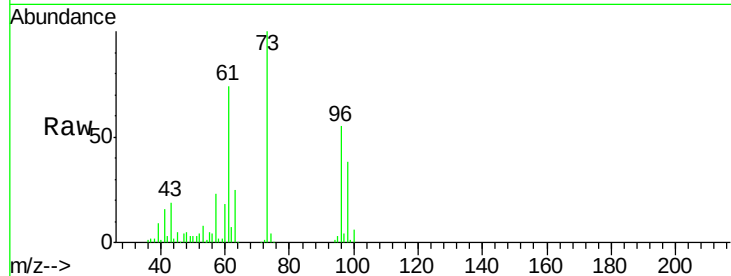
Tgt Ion: 96 Resp: 82297

Ion Ratio Lower Upper

96 100

61 133.4 98.1 147.1

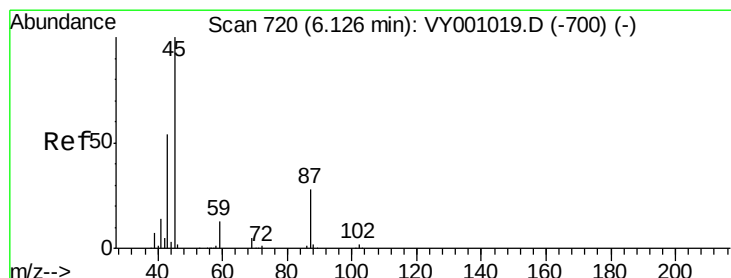
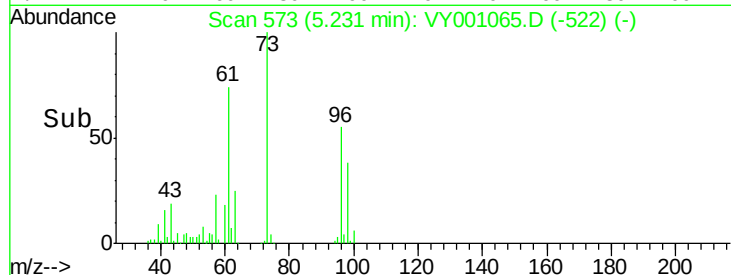
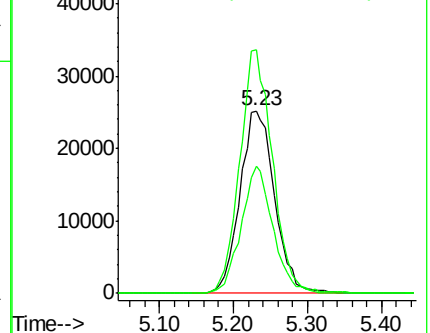
98 69.5 47.2 70.8



Abundance Ion 95.90 (95.60 to 96.60): VY001019.D (-559) (-)

Ion 60.90 (60.60 to 61.60): VY001019.D (-559) (-)

Ion 97.90 (97.60 to 98.60): VY001019.D (-559) (-)



#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

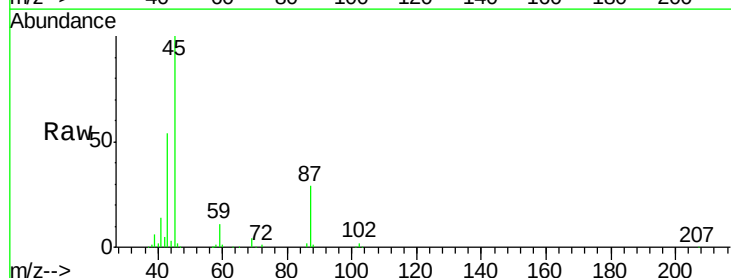
Ion Ratio Lower Upper

45 100

43 53.9 43.6 65.4

87 29.5 23.1 34.7

59 11.4 10.2 15.4

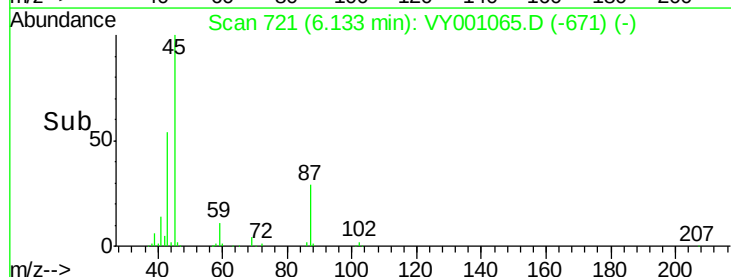
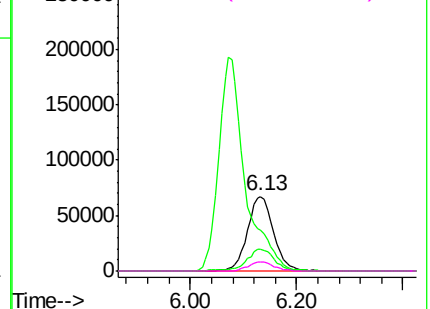


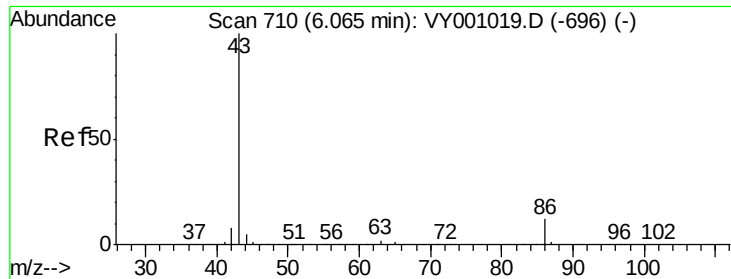
Abundance Ion 45.00 (44.70 to 45.70): VY001019.D (-700) (-)

Ion 43.00 (42.70 to 43.70): VY001019.D (-700) (-)

Ion 87.00 (86.70 to 87.70): VY001019.D (-700) (-)

Ion 59.00 (58.70 to 59.70): VY001019.D (-700) (-)





#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 :

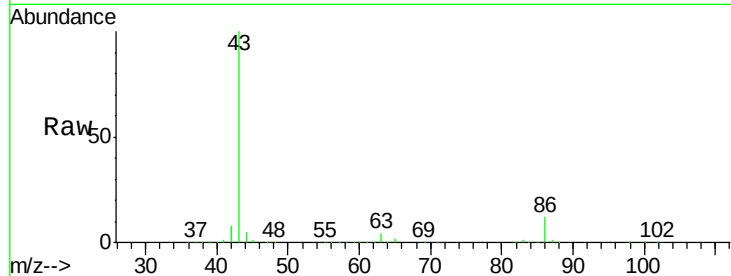
VY1226SBS01

Tgt Ion: 43 Resp: 662003

Ion Ratio Lower Upper

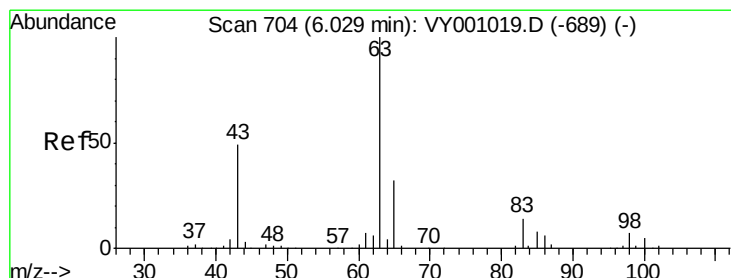
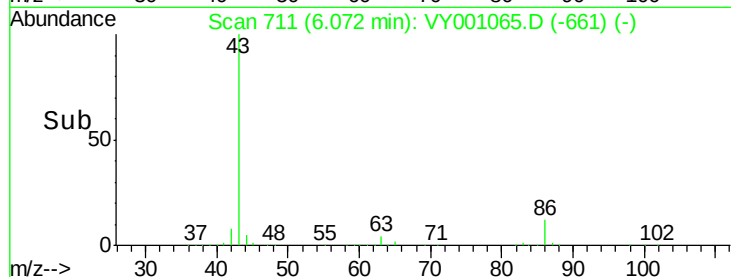
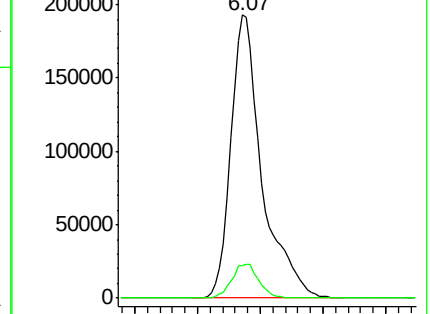
43 100

86 11.7 9.5 14.3



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

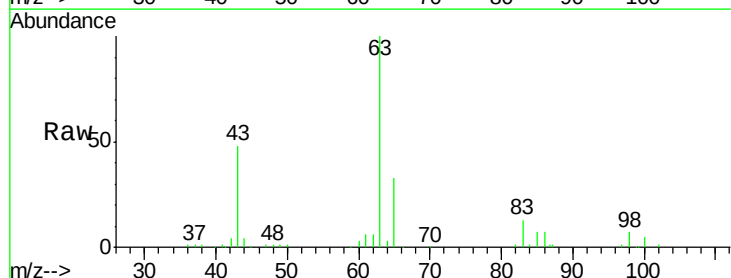
Tgt Ion: 63 Resp: 135662

Ion Ratio Lower Upper

63 100

98 6.8 3.8 11.2

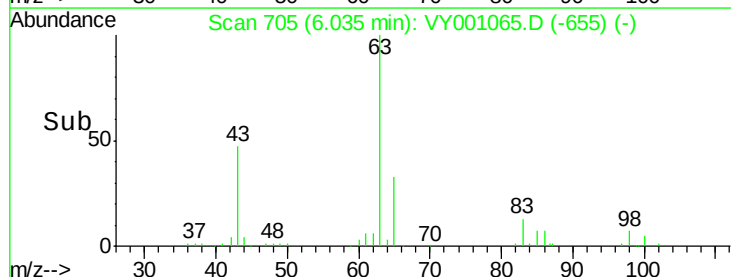
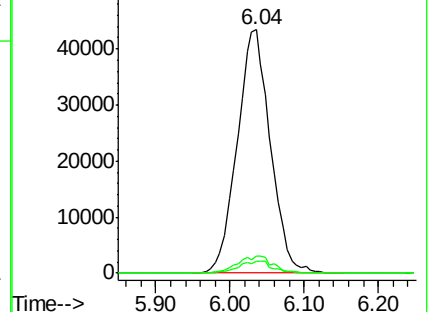
100 4.7 2.5 7.5



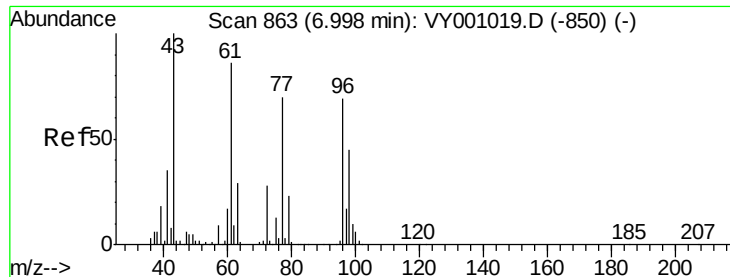
Abundance Ion 62.90 (62.60 to 63.60): VY0

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 :

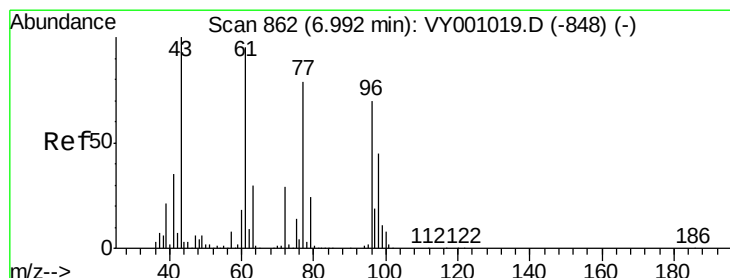
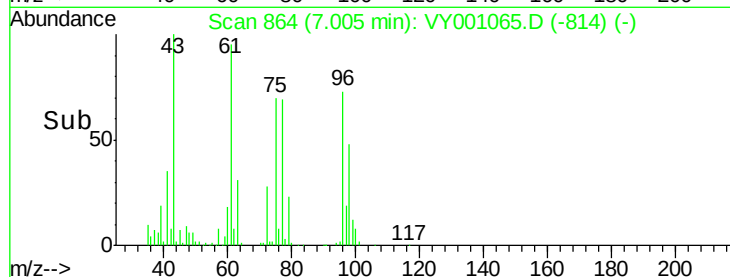
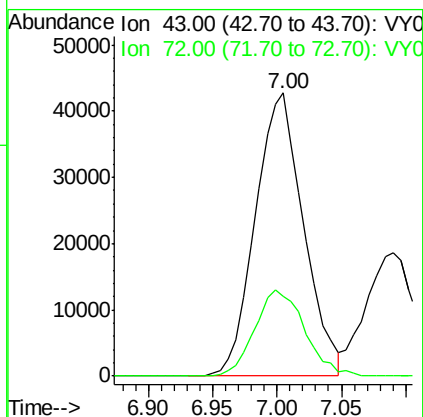
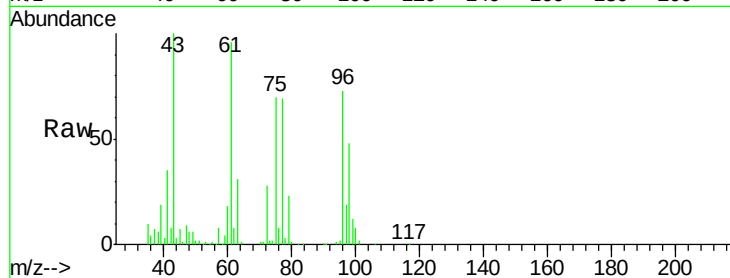
VY1226SBS01

Tgt Ion: 43 Resp: 110959

Ion Ratio Lower Upper

43 100

72 28.2 22.4 33.6



#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

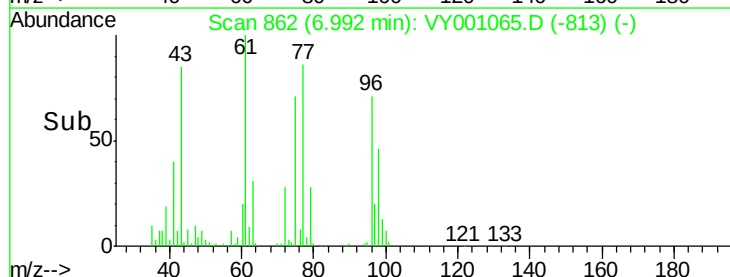
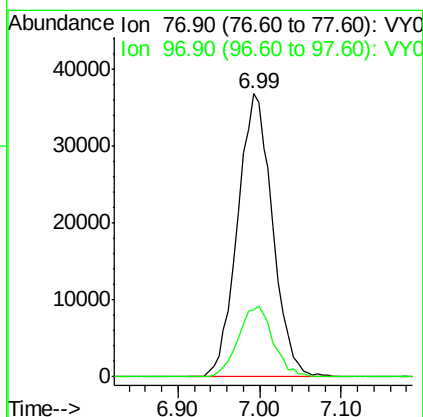
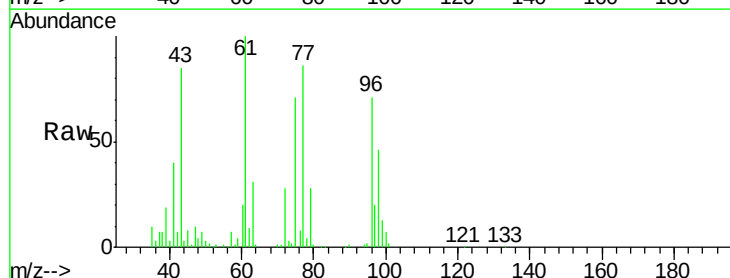
Acq: 26 Dec 2019 12:39

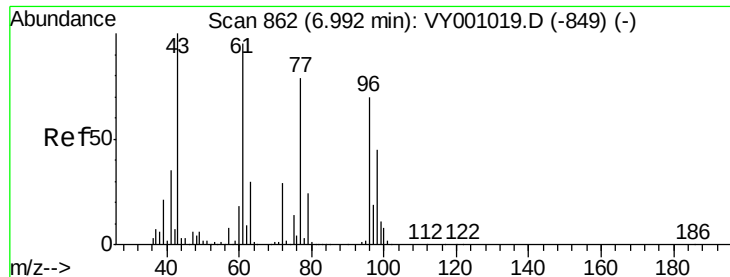
Tgt Ion: 77 Resp: 109109

Ion Ratio Lower Upper

77 100

97 25.0 12.0 36.1



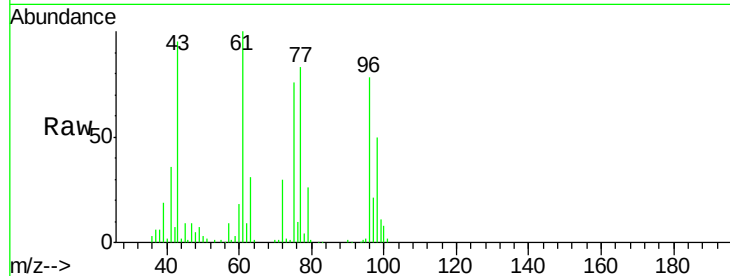


#27

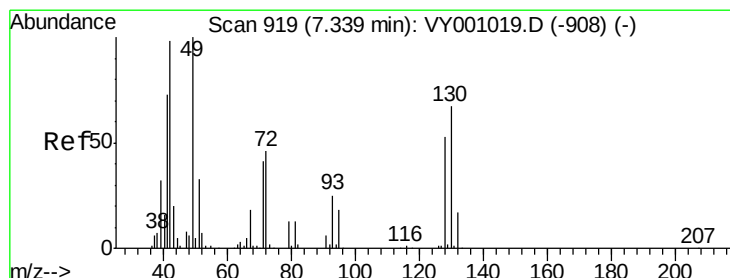
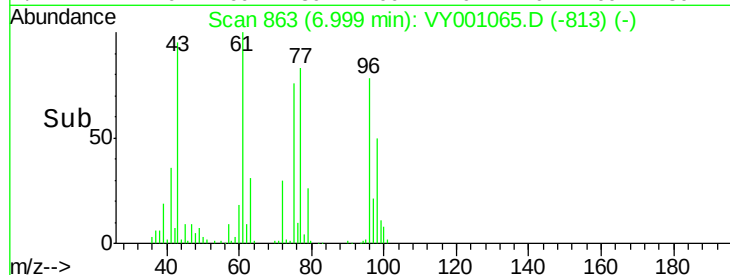
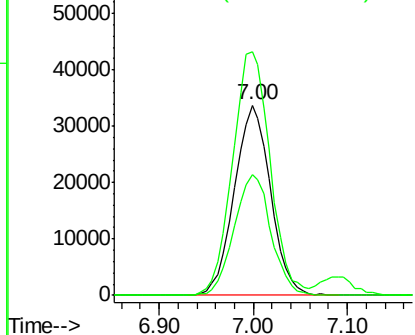
cis-1,2-Dichloroethene  
Concen: 20.366 ug/l  
RT: 7.00 min Scan# 863  
Delta R.T. 0.01 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBS01

Tgt Ion: 96 Resp: 90370  
Ion Ratio Lower Upper  
96 100  
61 133.5 0.0 268.2  
98 64.6 0.0 129.2



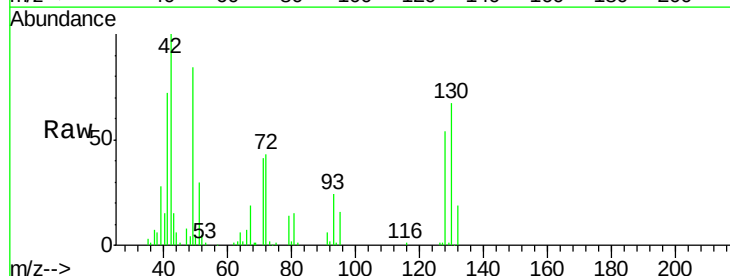
Abundance Ion 95.90 (95.60 to 96.60): VY0  
Ion 60.90 (60.60 to 61.60): VY0  
Ion 97.90 (97.60 to 98.60): VY0



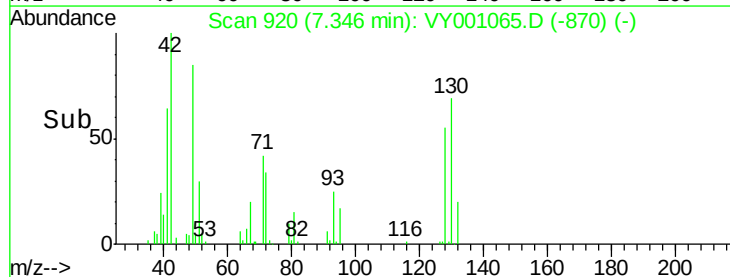
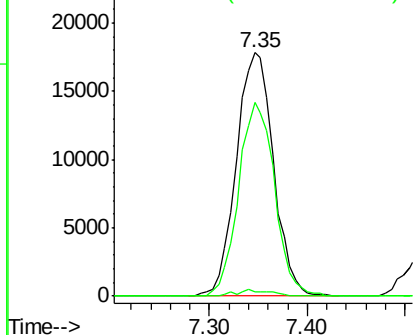
#28

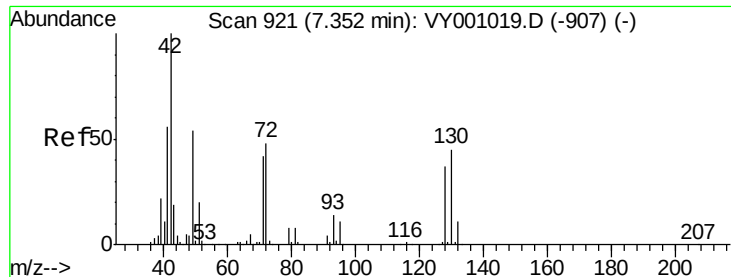
Bromochloromethane  
Concen: 17.803 ug/l  
RT: 7.35 min Scan# 920  
Delta R.T. 0.01 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

Tgt Ion: 49 Resp: 46974  
Ion Ratio Lower Upper  
49 100  
129 2.4 0.0 3.8  
130 77.4 60.4 90.6



Abundance Ion 48.90 (48.60 to 49.60): VY0  
Ion 128.80 (128.50 to 129.50): VY0  
Ion 129.80 (129.50 to 130.50): VY0

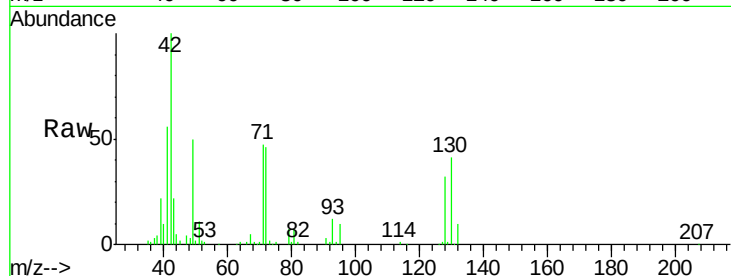




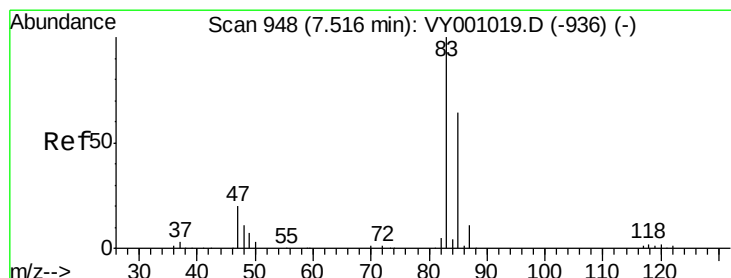
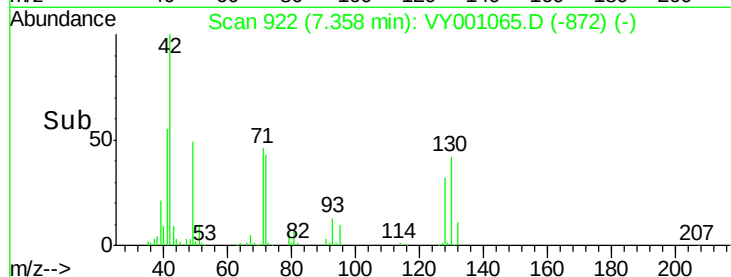
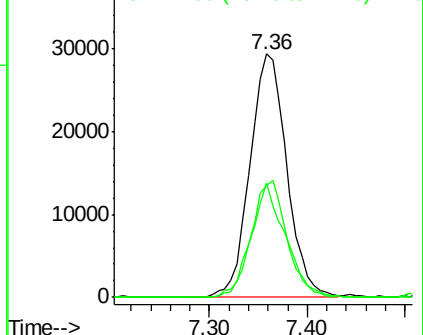
#29  
Tetrahydrofuran  
Concen: 84.178 ug/l  
RT: 7.36 min Scan# 922  
Delta R.T. 0.01 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBS01

Tgt Ion: 42 Resp: 77532  
Ion Ratio Lower Upper  
42 100  
72 47.2 37.7 56.5  
71 42.8 34.6 51.8

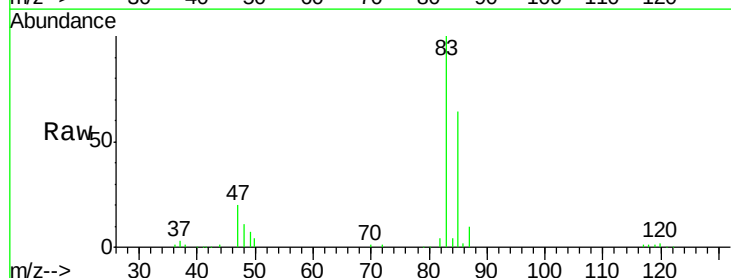


Abundance Ion 42.00 (41.70 to 42.70): VY0  
Ion 72.00 (71.70 to 72.70): VY0  
Ion 71.00 (70.70 to 71.70): VY0

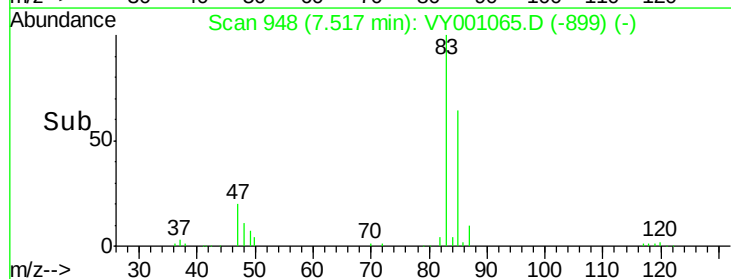
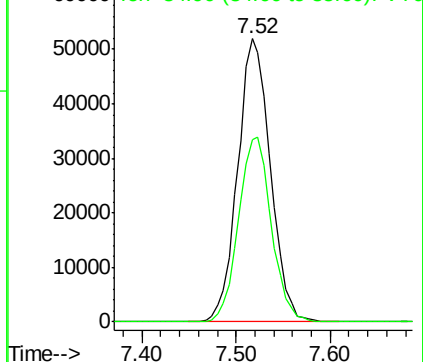


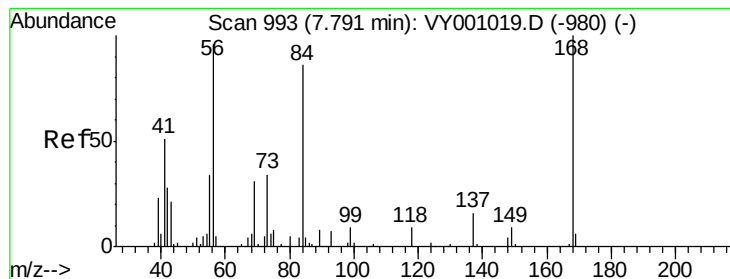
#30  
Chloroform  
Concen: 19.708 ug/l  
RT: 7.52 min Scan# 948  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

Tgt Ion: 83 Resp: 126025  
Ion Ratio Lower Upper  
83 100  
85 64.3 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VY0  
Ion 84.90 (84.60 to 85.60): VY0





#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 :

VY1226SBSD01

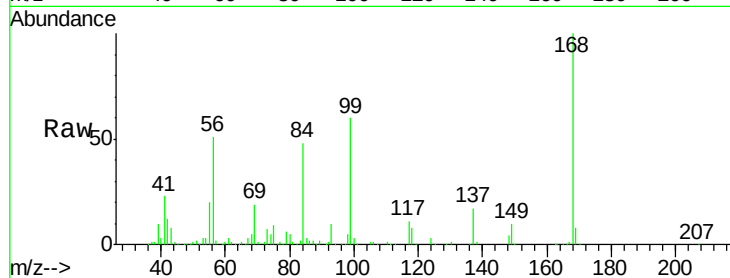
Tgt Ion: 56 Resp: 141022

Ion Ratio Lower Upper

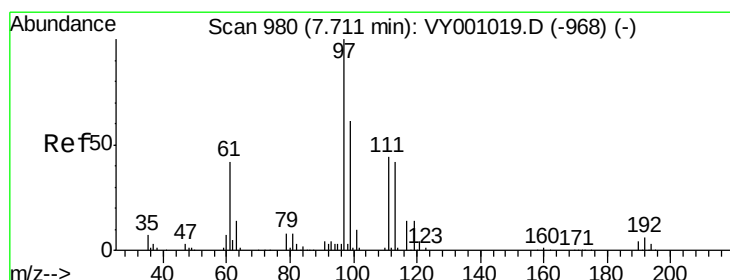
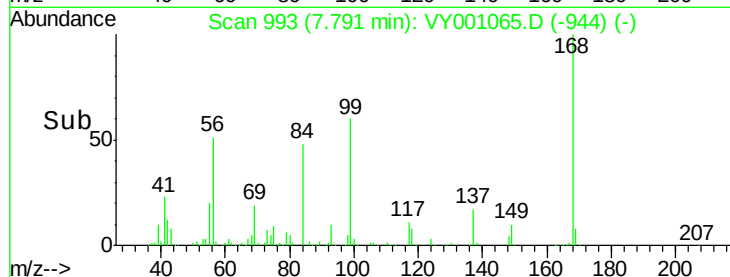
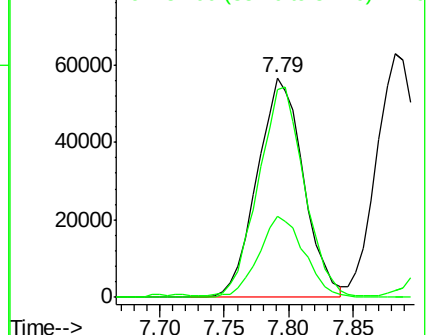
56 100

69 37.2 26.1 39.1

84 93.6 71.8 107.8



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

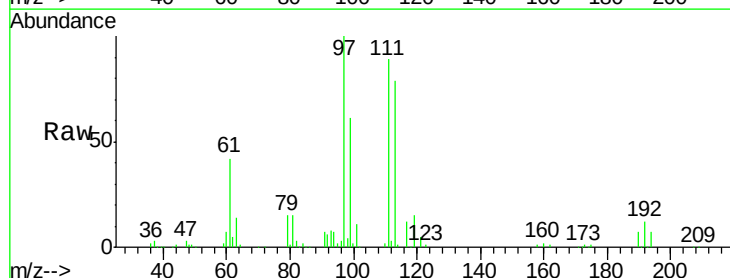
Tgt Ion: 97 Resp: 108037

Ion Ratio Lower Upper

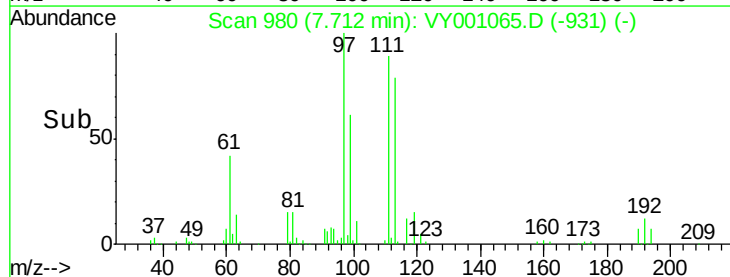
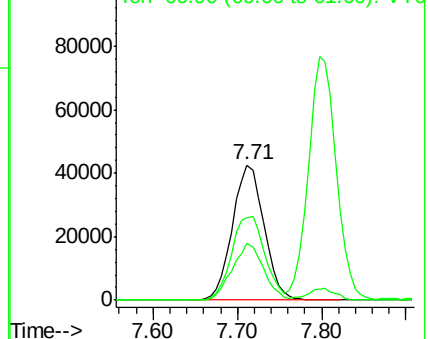
97 100

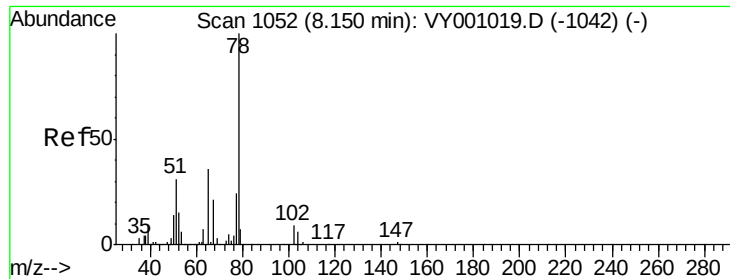
99 64.6 50.6 76.0

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

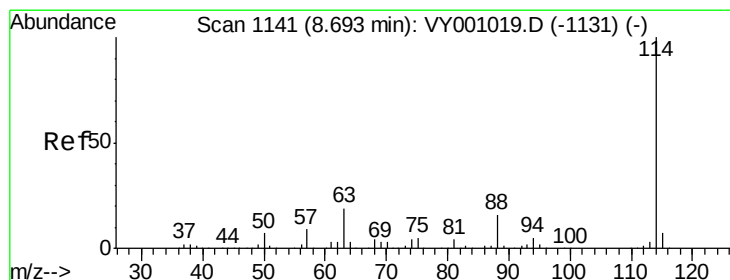
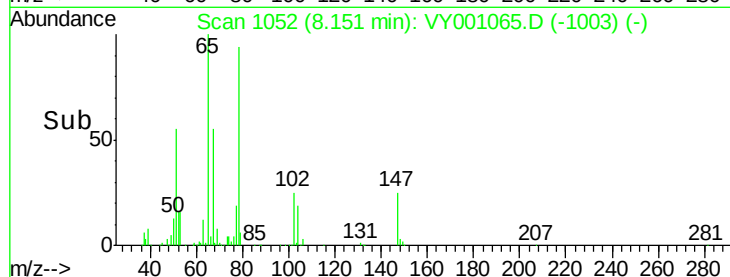
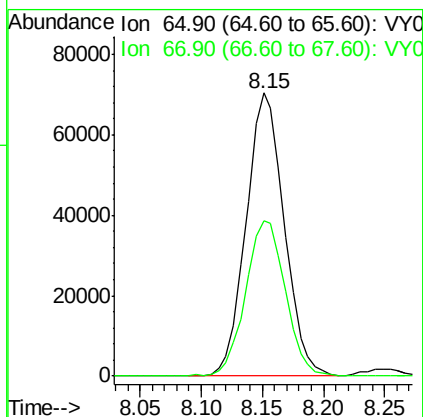
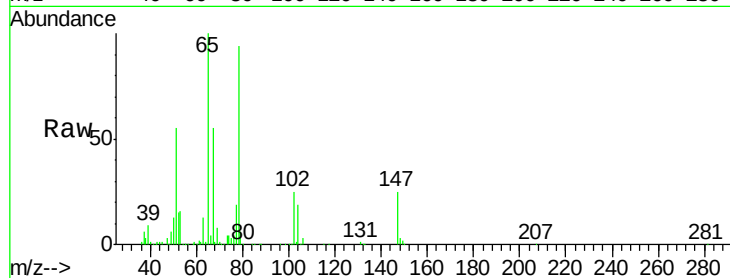




#33  
 1,2-Dichloroethane-d4  
 Concen: 47.646 ug/l  
 RT: 8.15 min Scan# 1052  
 Delta R.T. 0.00 min  
 Lab File: VY001065.D  
 Acq: 26 Dec 2019 12:39

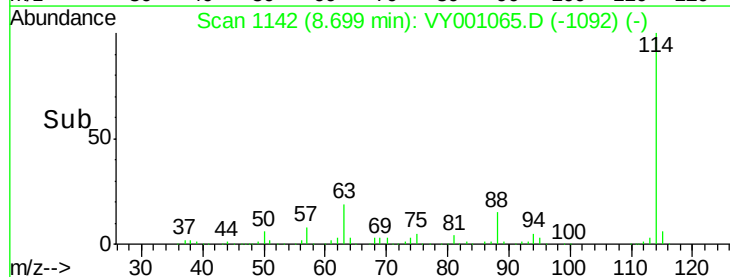
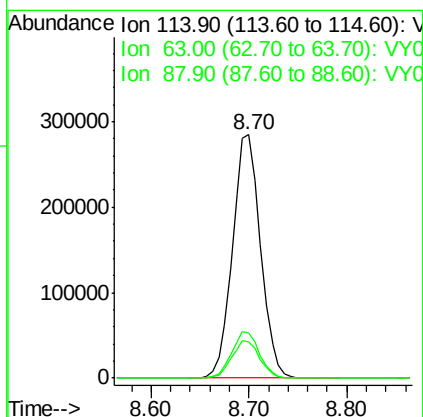
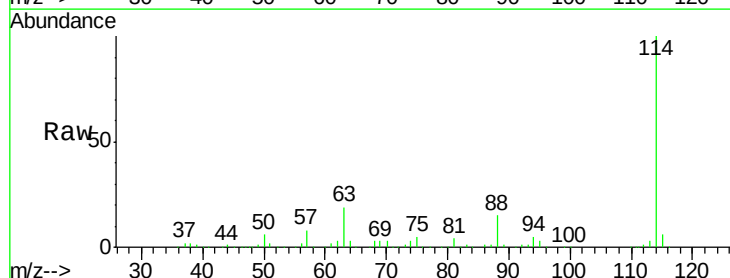
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1226SBS01

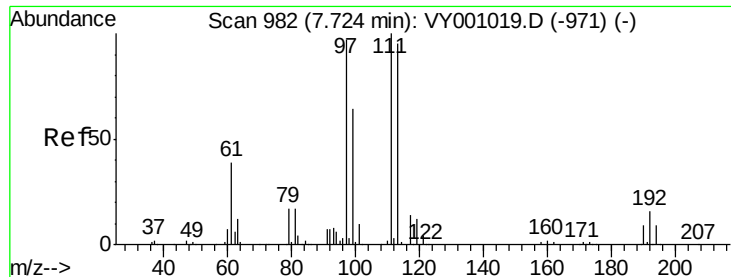
Tgt Ion: 65 Resp: 152442  
 Ion Ratio Lower Upper  
 65 100  
 67 57.2 0.0 112.8



#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

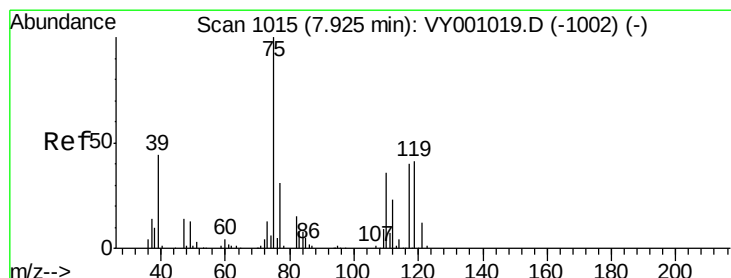
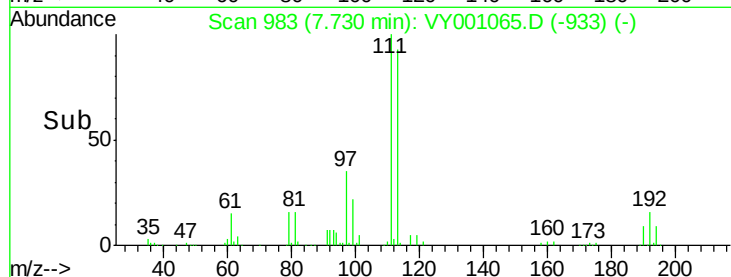
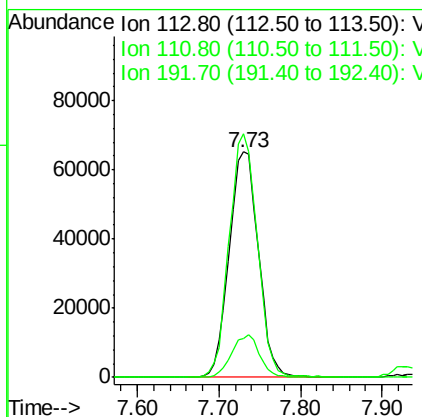
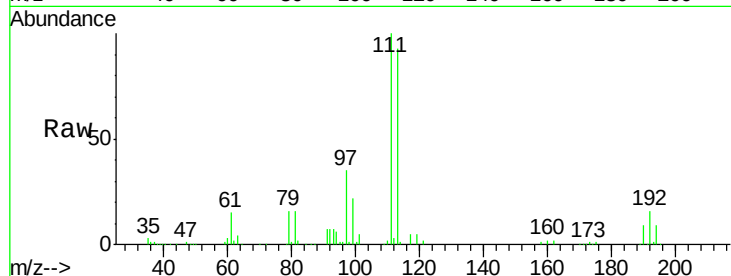




#35  
 Dibromofluoromethane  
 Concen: 48.670 ug/l  
 RT: 7.73 min Scan# 983  
 Delta R.T. 0.01 min  
 Lab File: VY001065.D  
 Acq: 26 Dec 2019 12:39

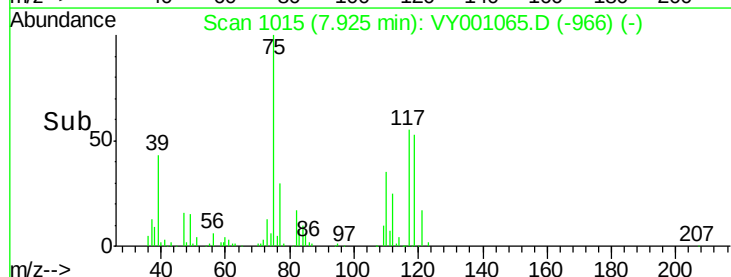
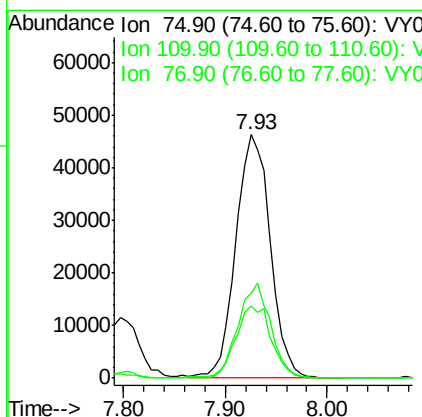
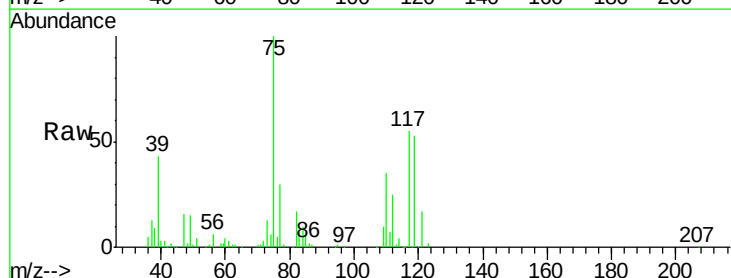
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1226SBS01

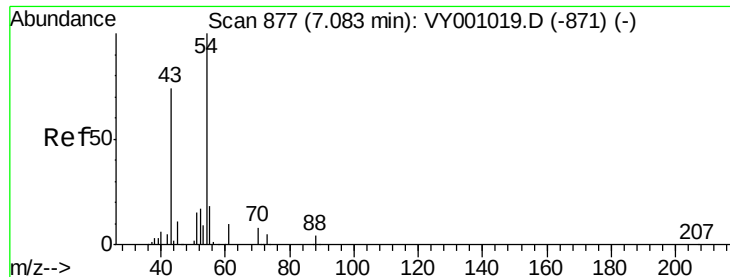
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.3 | 83.0  | 124.4 |
| 192     | 17.8  | 14.6  | 21.8  |



#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 | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.8  | 18.1  | 54.4  |
| 77      | 31.1  | 24.6  | 37.0  |

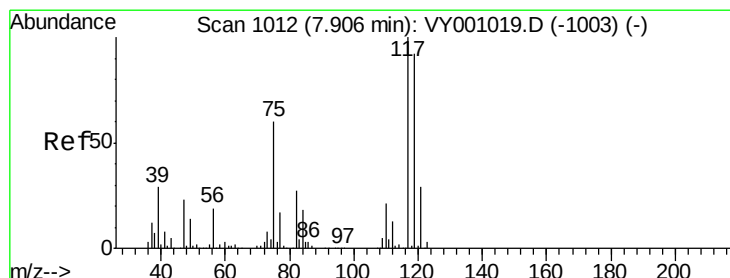
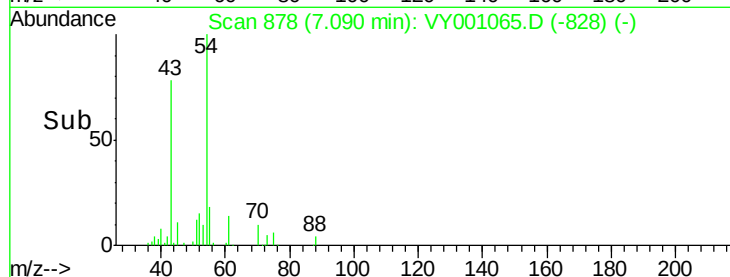
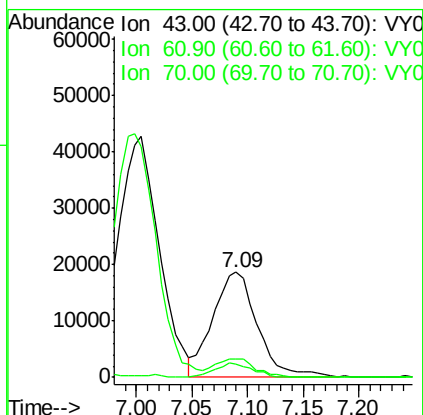
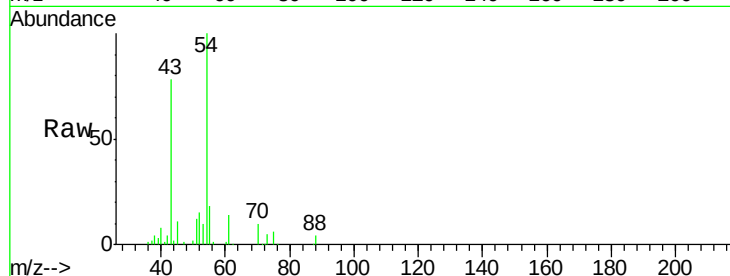




#37  
 Ethyl Acetate  
 Concen: 17.280 ug/l  
 RT: 7.09 min Scan# 878  
 Delta R.T. 0.01 min  
 Lab File: VY001065.D  
 Acq: 26 Dec 2019 12:39

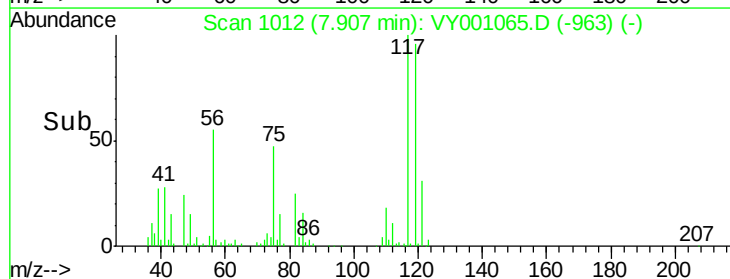
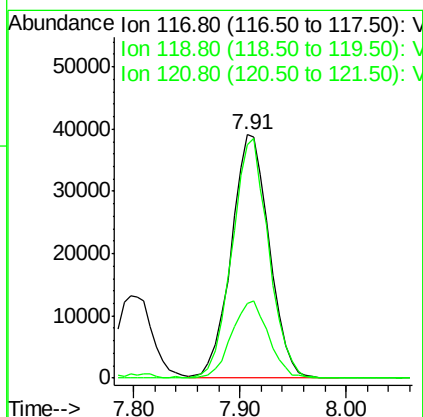
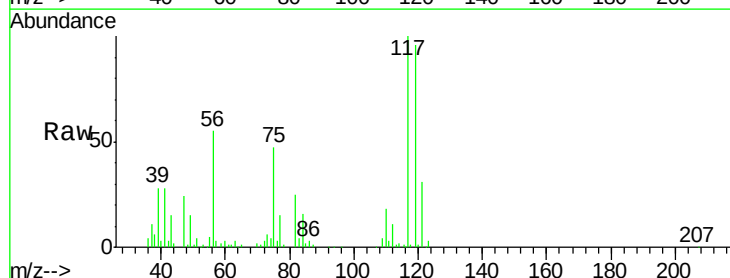
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1226SBS01

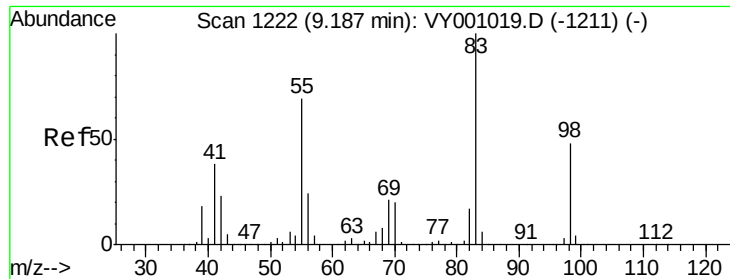
Tgt Ion: 43 Resp: 51346  
 Ion Ratio Lower Upper  
 43 100  
 61 16.6 12.5 18.7  
 70 11.8 9.0 13.4



#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: 117 Resp: 97702  
 Ion Ratio Lower Upper  
 117 100  
 119 95.6 74.2 111.2  
 121 30.8 22.9 34.3

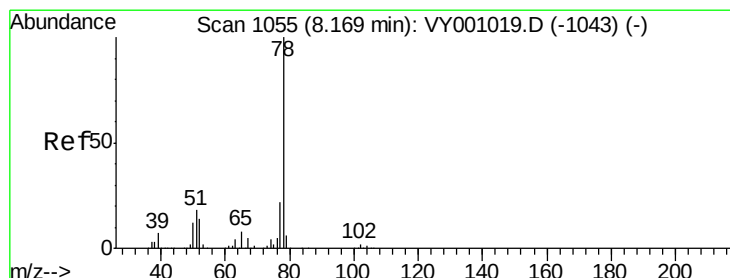
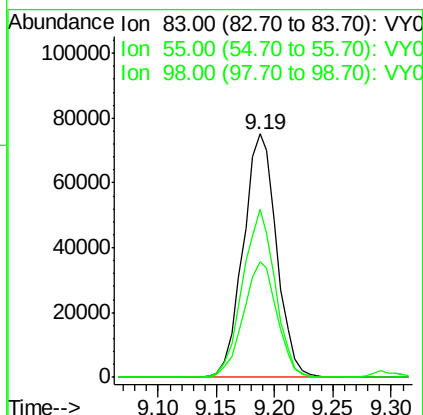
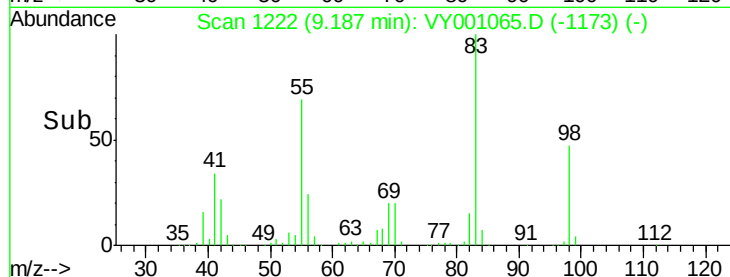
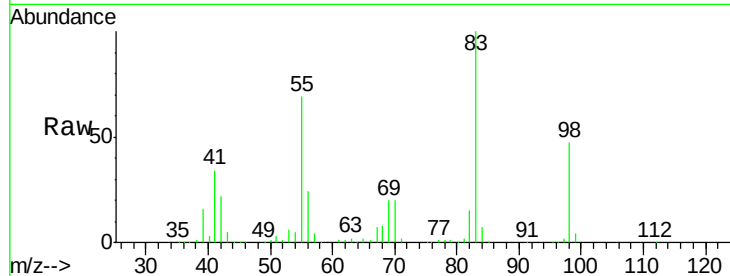




#39  
Methylcyclohexane  
Concen: 21.003 ug/l  
RT: 9.19 min Scan# 1222  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

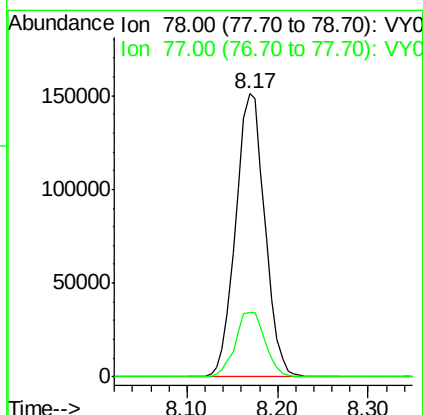
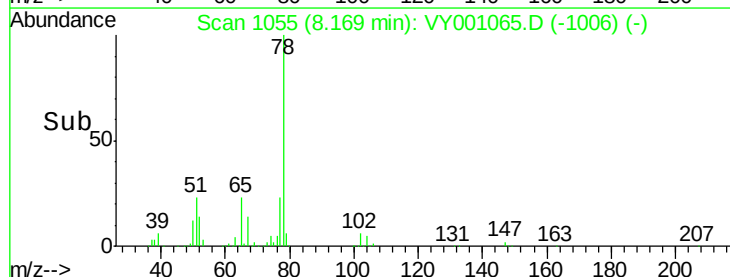
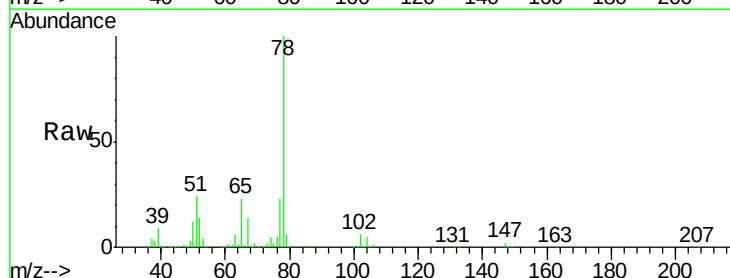
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBS01

Tgt Ion: 83 Resp: 149680  
Ion Ratio Lower Upper  
83 100  
55 68.9 55.1 82.7  
98 47.4 38.3 57.5

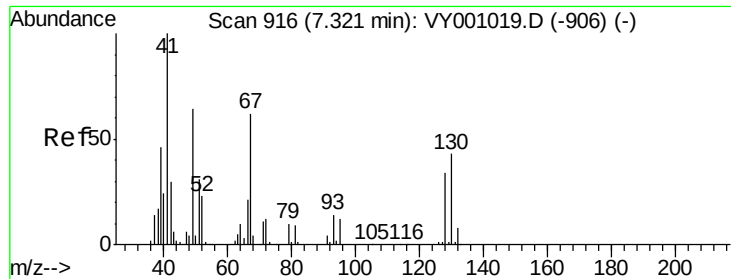


#40  
Benzene  
Concen: 20.814 ug/l  
RT: 8.17 min Scan# 1055  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

Tgt Ion: 78 Resp: 336979  
Ion Ratio Lower Upper  
78 100  
77 23.0 17.7 26.5



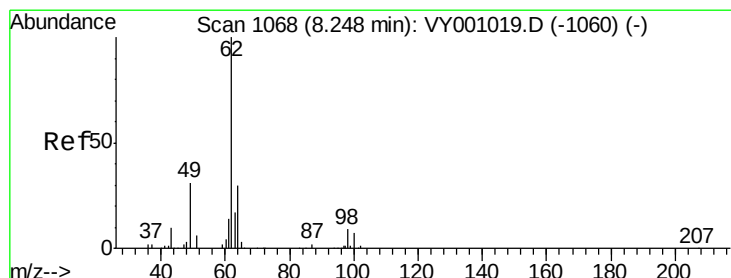
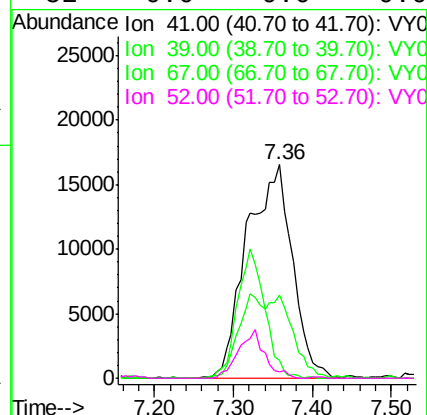
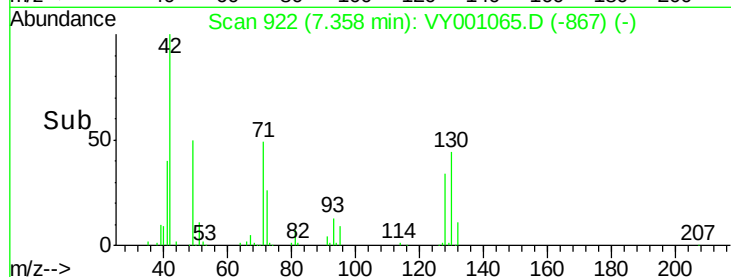
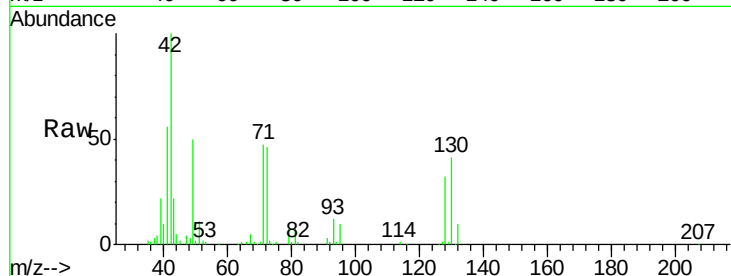




#41  
Methacrylonitrile  
Concen: 51.253 ug/l  
RT: 7.36 min Scan# 922  
Delta R.T. 0.04 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

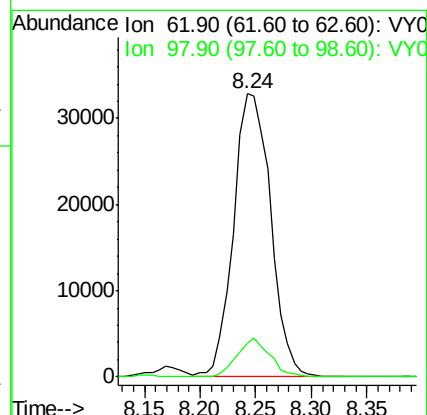
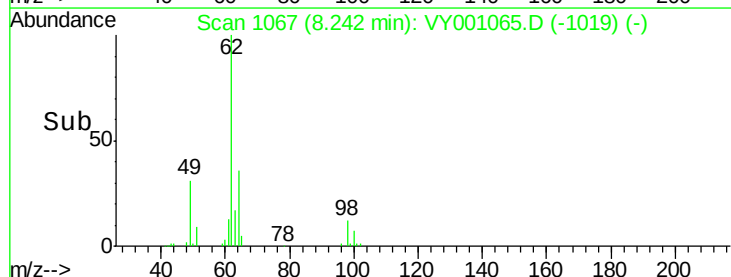
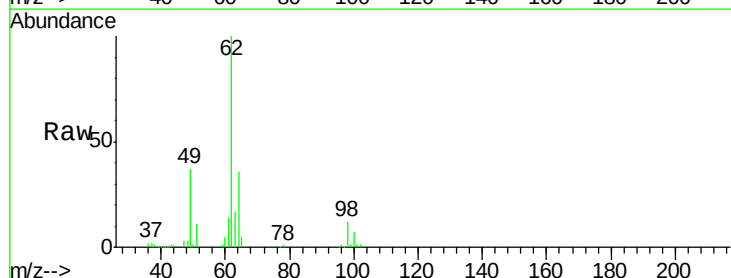
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBS01

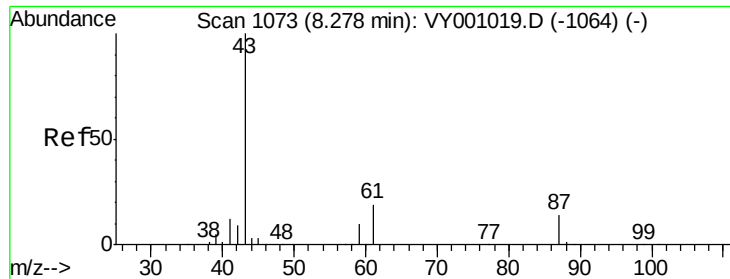
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 66029 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 0.0   | 0.0   | 0.0   |
| 67       | 0.0   | 0.0   | 0.0   |
| 52       | 0.0   | 0.0   | 0.0   |



#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

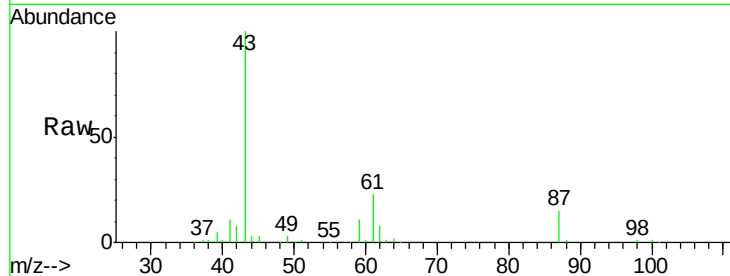
Tgt Ion: 43 Resp: 94198

Ion Ratio Lower Upper

43 100

61 33.7 25.0 37.6

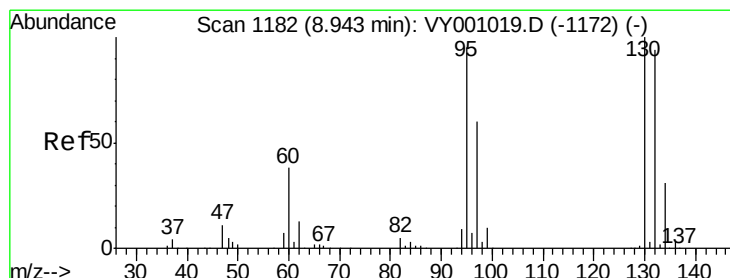
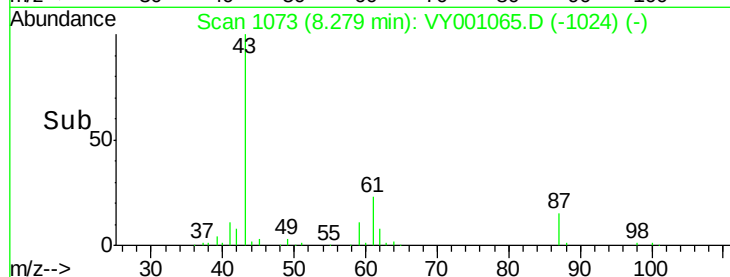
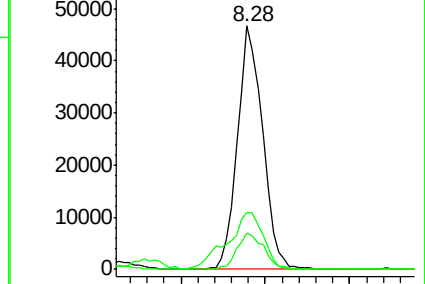
87 15.6 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VY001019.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY001019.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY001019.D (-1064) (-)



#44

Trichloroethene

Concen: 20.737 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY001065.D

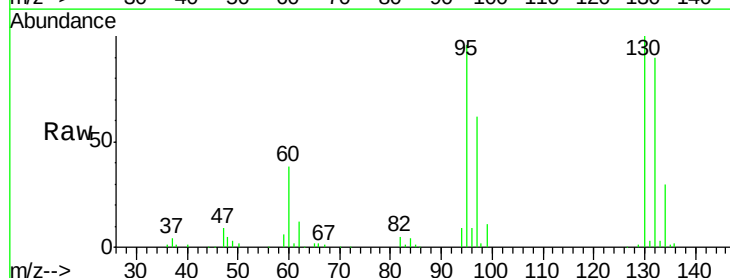
Acq: 26 Dec 2019 12:39

Tgt Ion: 130 Resp: 88457

Ion Ratio Lower Upper

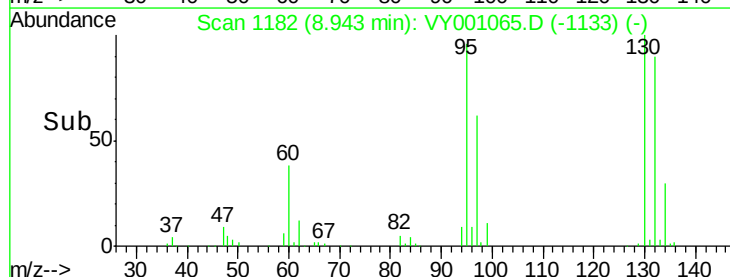
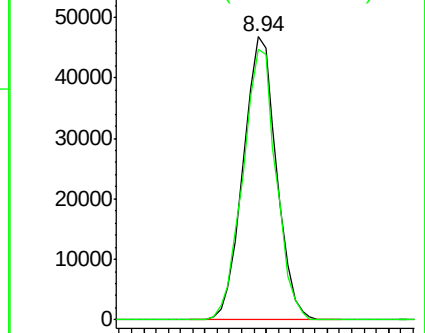
130 100

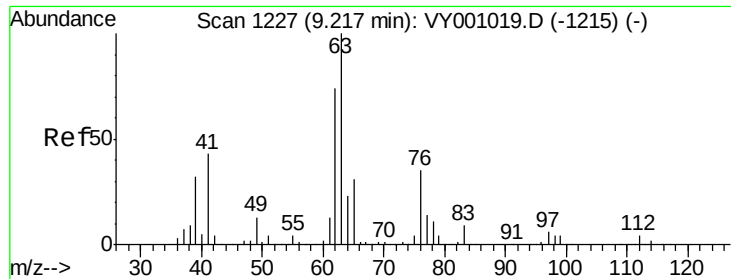
95 95.5 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): VY001019.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY001019.D (-1172) (-)

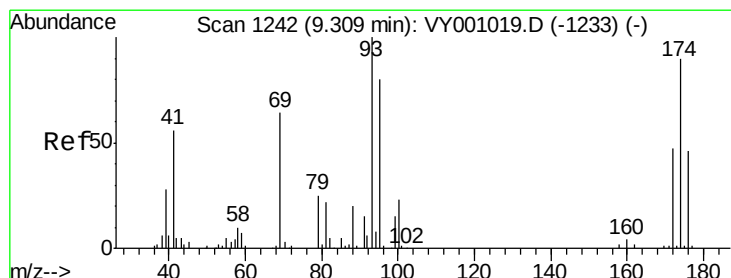
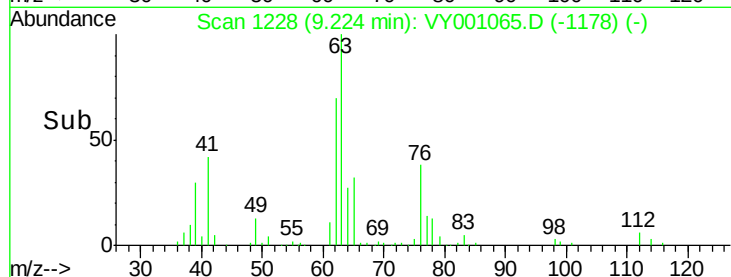
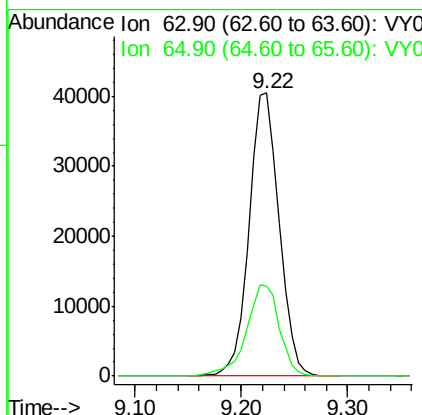
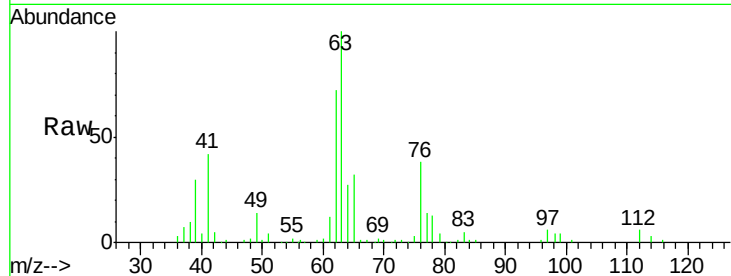




#45  
 1,2-Dichloropropane  
 Concen: 19.810 ug/l  
 RT: 9.22 min Scan# 1228  
 Delta R.T. 0.01 min  
 Lab File: VY001065.D  
 Acq: 26 Dec 2019 12:39

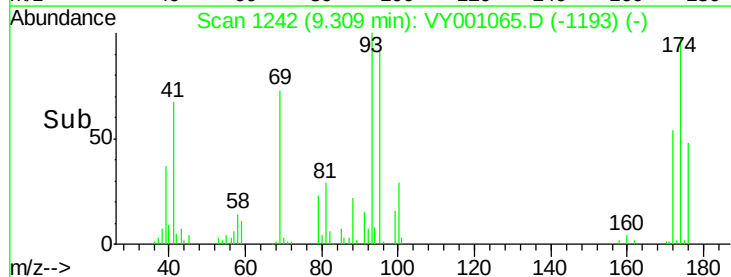
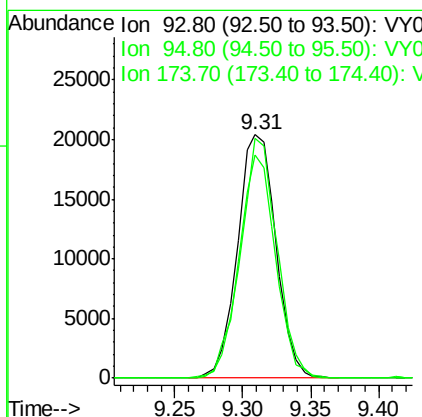
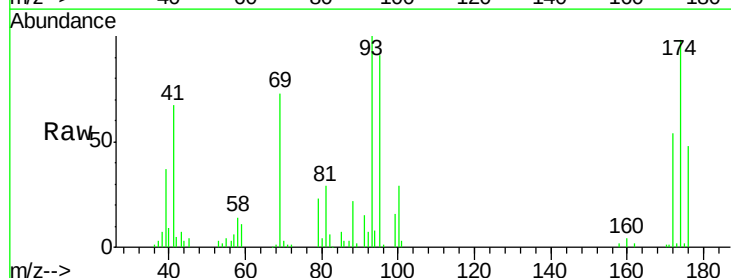
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1226SBS01

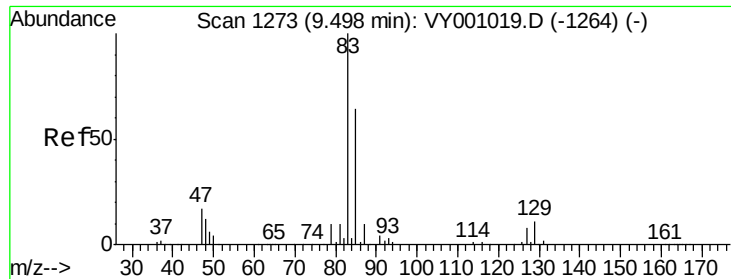
Tgt Ion: 63 Resp: 80457  
 Ion Ratio Lower Upper  
 63 100  
 65 31.8 25.1 37.7



#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 :

VY1226SBSD01

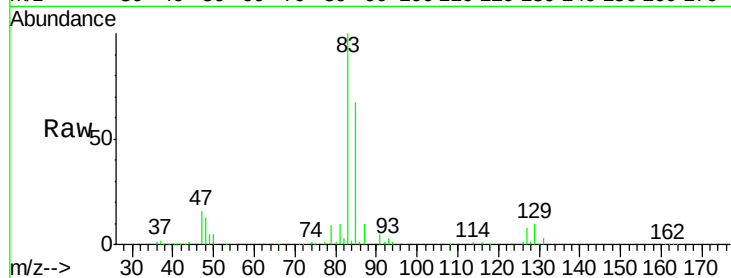
Tgt Ion: 83 Resp: 96101

Ion Ratio Lower Upper

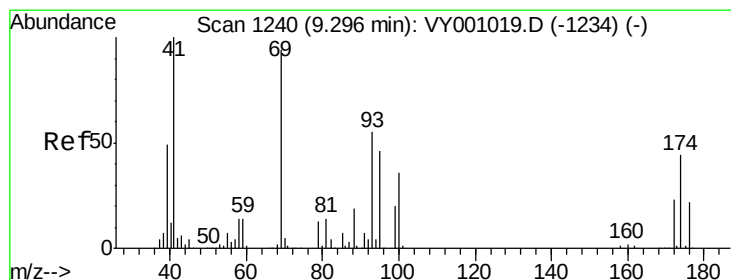
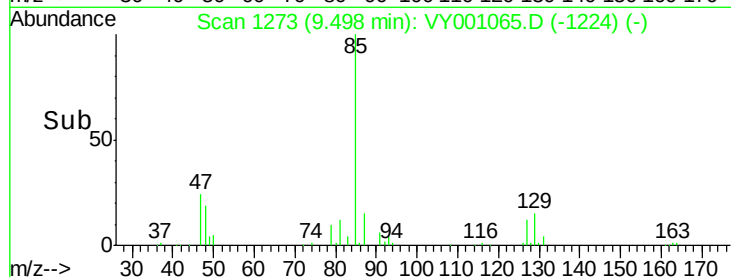
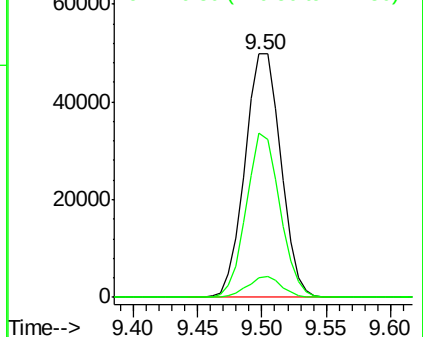
83 100

85 67.2 50.9 76.3

127 7.9 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VY0  
Ion 84.90 (84.60 to 85.60): VY0  
Ion 126.80 (126.50 to 127.50): V



#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

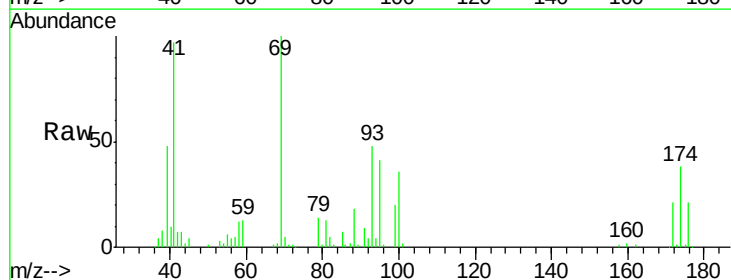
Tgt Ion: 41 Resp: 41555

Ion Ratio Lower Upper

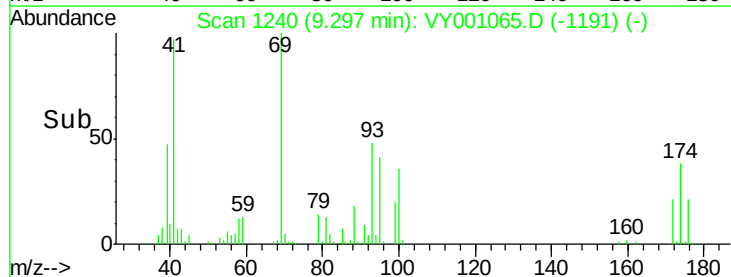
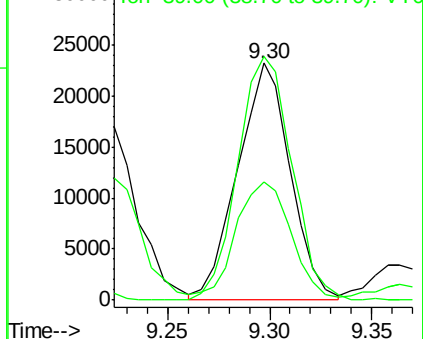
41 100

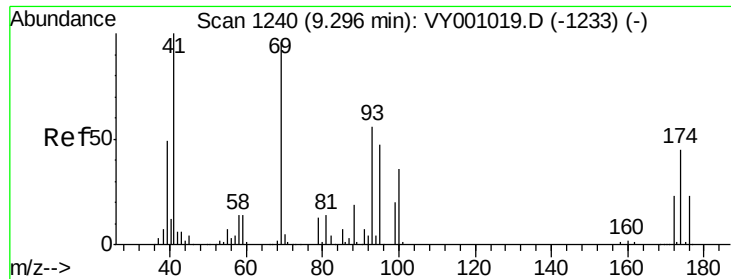
69 105.3 79.8 119.6

39 49.1 41.7 62.5



Abundance Ion 41.00 (40.70 to 41.70): VY0  
Ion 69.00 (68.70 to 69.70): VY0  
Ion 39.00 (38.70 to 39.70): VY0





#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

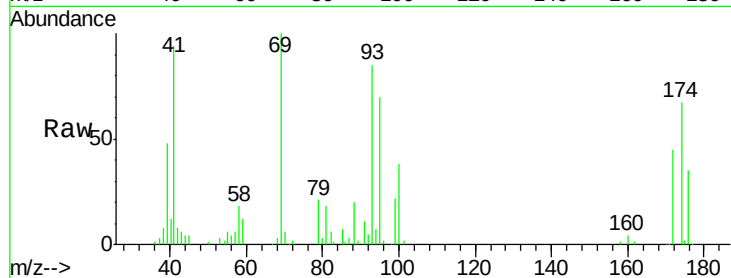
Tgt Ion: 88 Resp: 11432

Ion Ratio Lower Upper

88 100

43 29.9 23.0 34.4

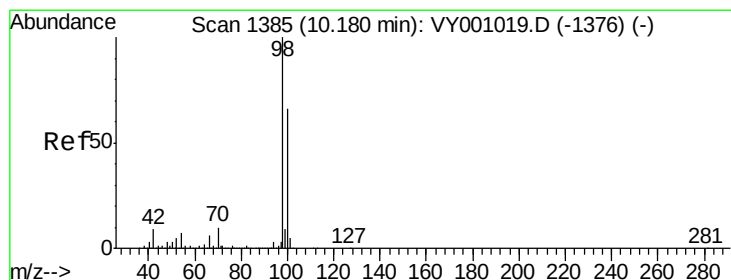
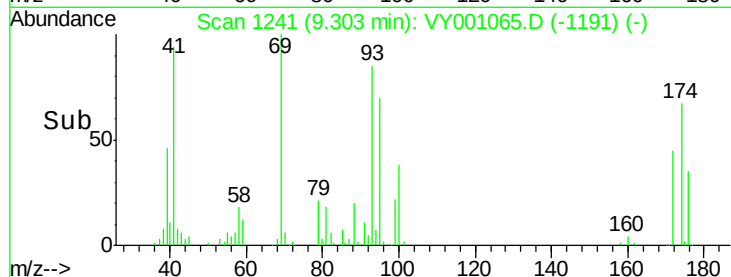
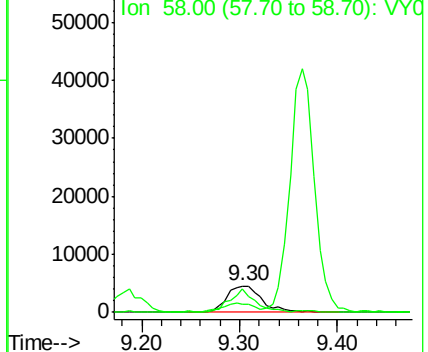
58 65.4 54.9 82.3



Abundance Ion 88.00 (87.70 to 88.70): VY001065.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VY001065.D (-1191) (-)

Ion 58.00 (57.70 to 58.70): VY001065.D (-1191) (-)



#50

Toluene-d8

Concen: 52.322 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001065.D

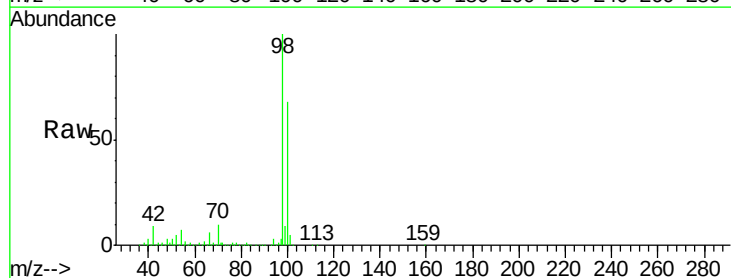
Acq: 26 Dec 2019 12:39

Tgt Ion: 98 Resp: 677316

Ion Ratio Lower Upper

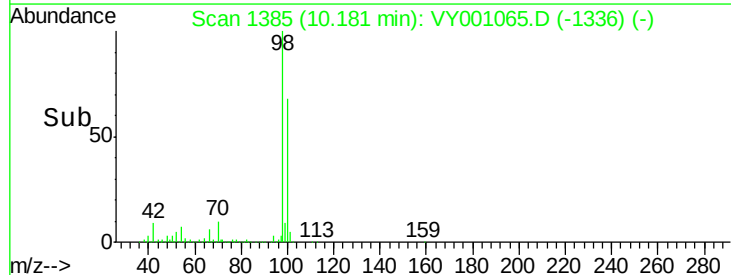
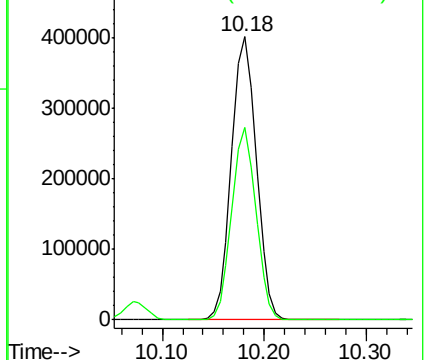
98 100

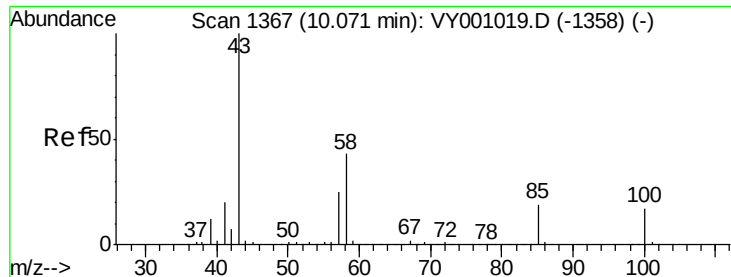
100 66.5 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001065.D (-1336) (-)

Ion 100.00 (99.70 to 100.70): VY001065.D (-1336) (-)

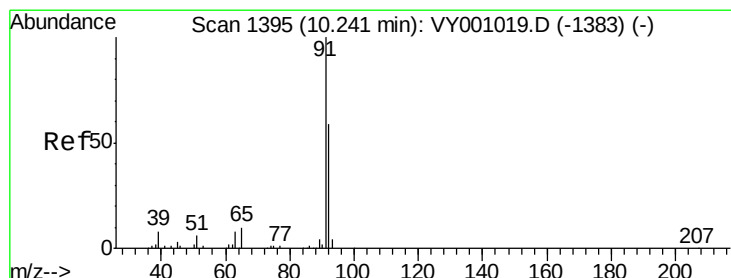
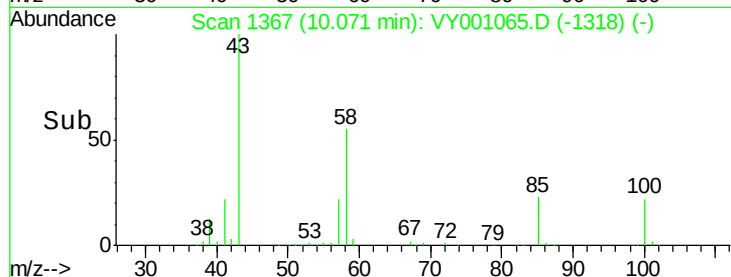
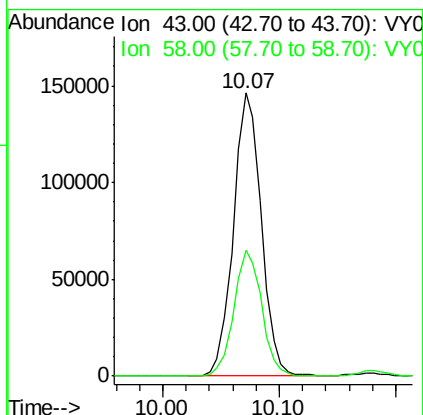
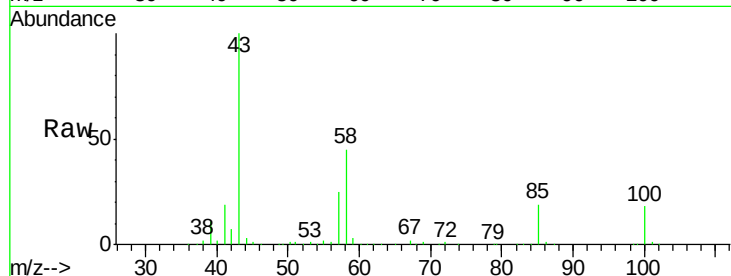




#51  
4-Methyl-2-Pentanone  
Concen: 85.183 ug/l  
RT: 10.07 min Scan# 1367  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

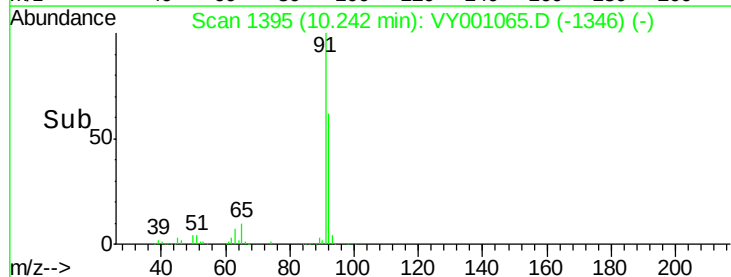
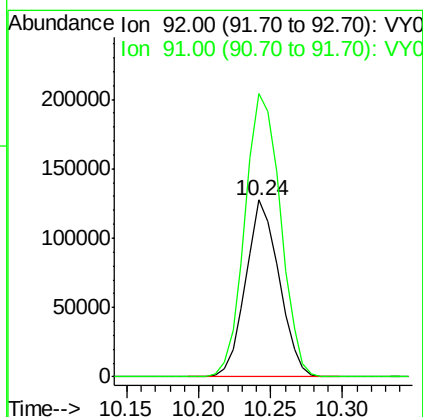
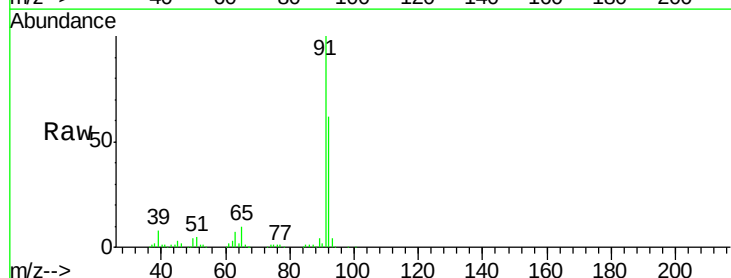
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBS01

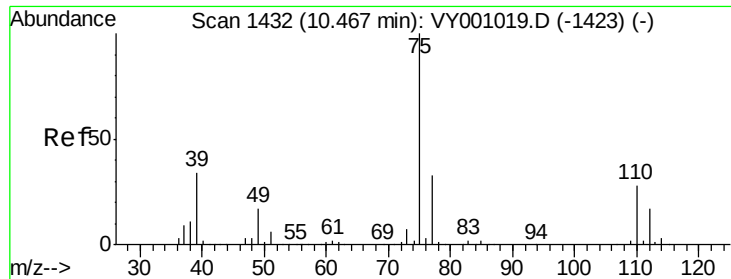
Tgt Ion: 43 Resp: 244221  
Ion Ratio Lower Upper  
43 100  
58 44.3 34.6 52.0



#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

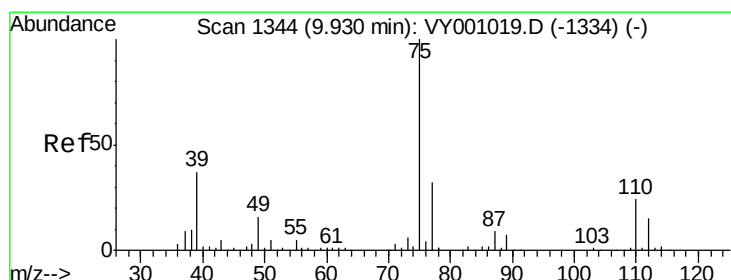
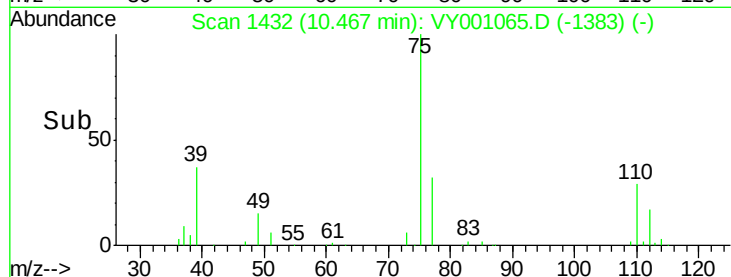
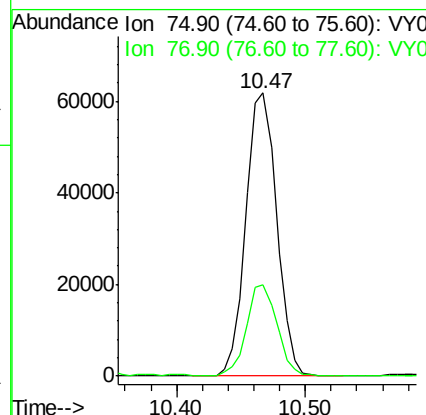
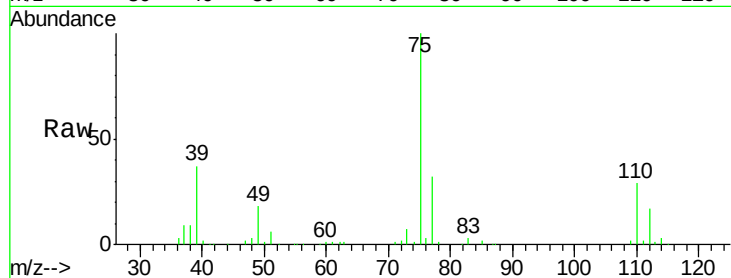




#53  
t-1,3-Dichloropropene  
Concen: 19.449 ug/l  
RT: 10.47 min Scan# 1432  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

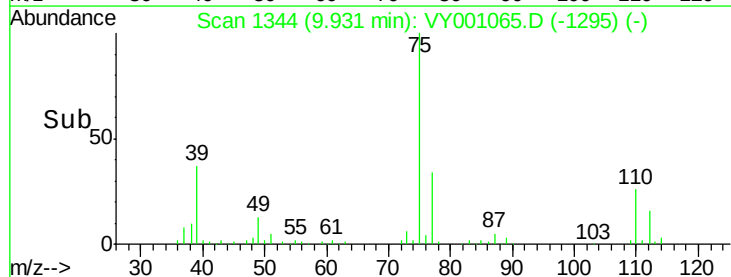
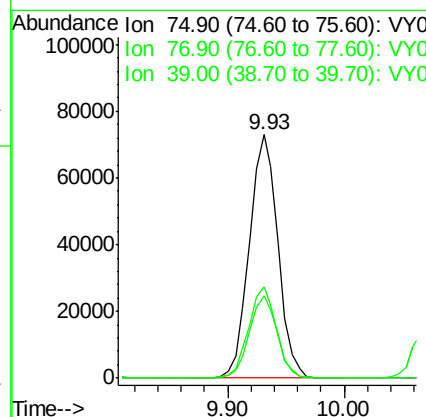
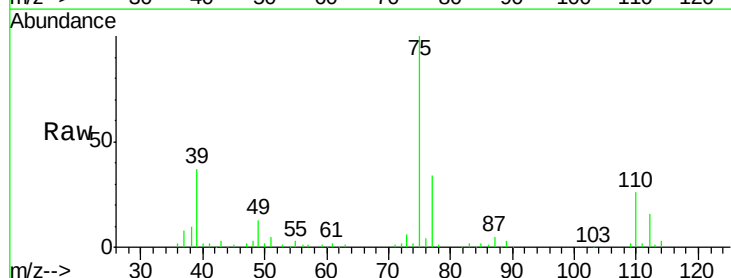
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBS01

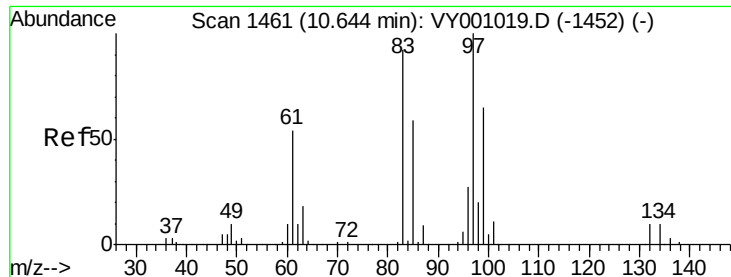
Tgt Ion: 75 Resp: 102367  
Ion Ratio Lower Upper  
75 100  
77 31.9 26.5 39.7



#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

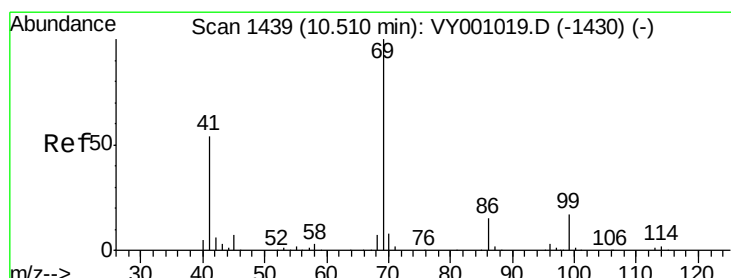
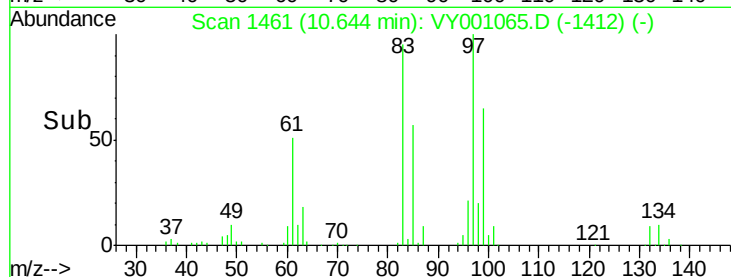
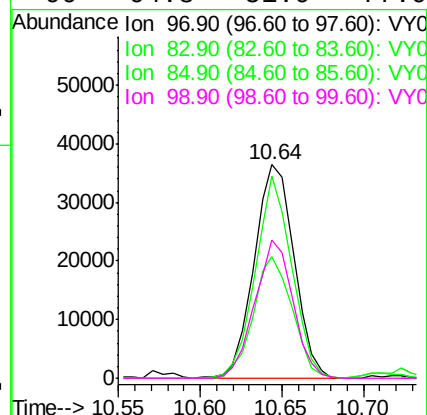
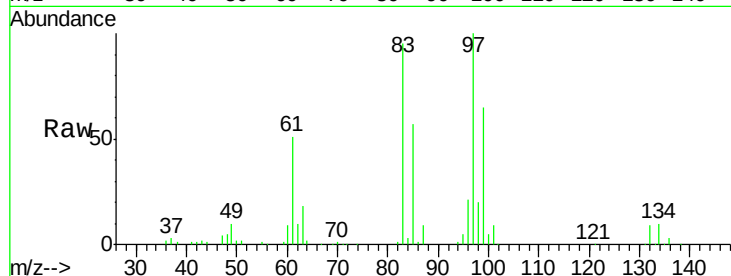




#55  
 1,1,2-Trichloroethane  
 Concen: 19.861 ug/l  
 RT: 10.64 min Scan# 1461  
 Delta R.T. 0.00 min  
 Lab File: VY001065.D  
 Acq: 26 Dec 2019 12:39

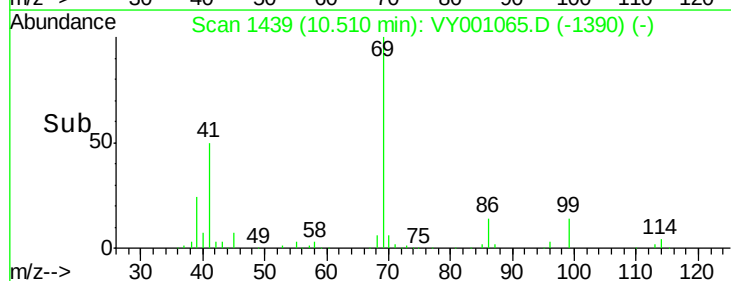
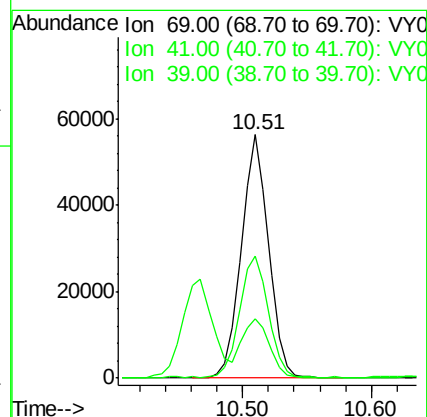
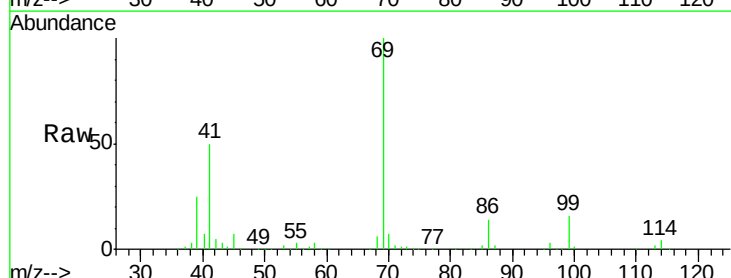
Instrument :  
 MSVOA\_Y  
 ClientSampleID :  
 VY1226SBSD01

Tgt Ion: 97 Resp: 62077  
 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

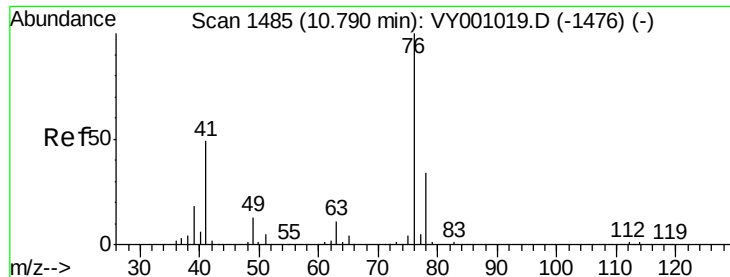


#56  
 Ethyl methacrylate  
 Concen: 18.585 ug/l  
 RT: 10.51 min Scan# 1439  
 Delta R.T. 0.00 min  
 Lab File: VY001065.D  
 Acq: 26 Dec 2019 12:39

Tgt Ion: 69 Resp: 82674  
 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 :

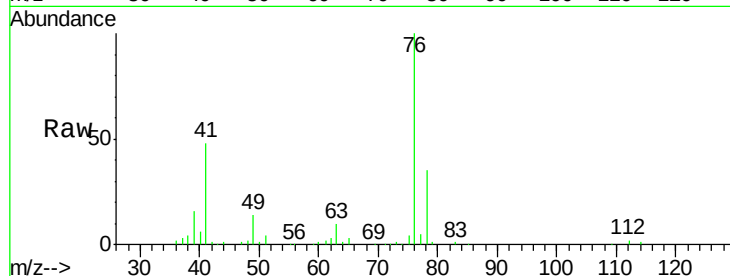
VY1226SBS01

Tgt Ion: 76 Resp: 104416

Ion Ratio Lower Upper

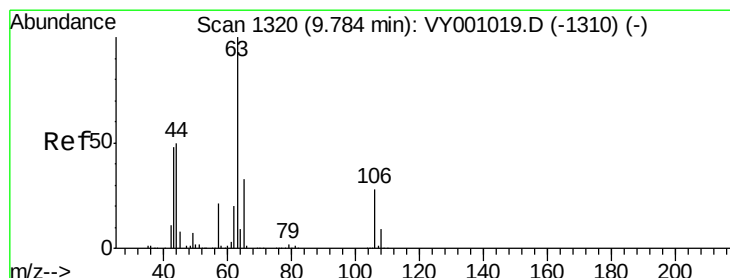
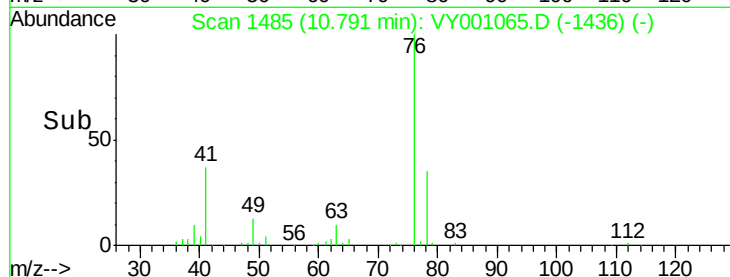
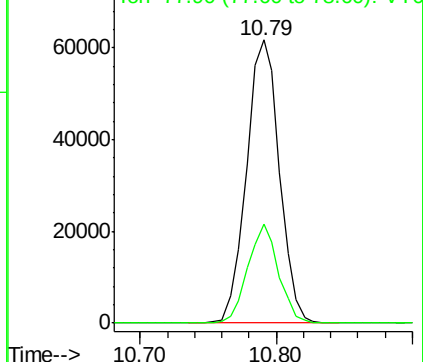
76 100

78 32.5 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#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

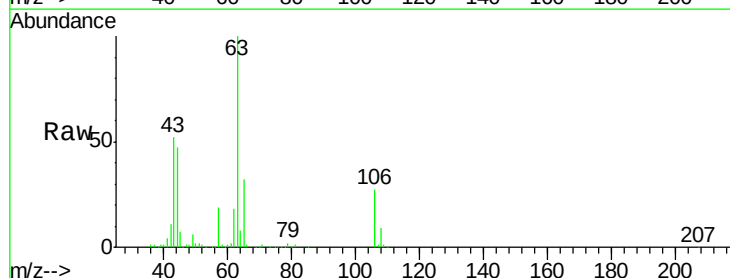
Acq: 26 Dec 2019 12:39

Tgt Ion: 63 Resp: 157793

Ion Ratio Lower Upper

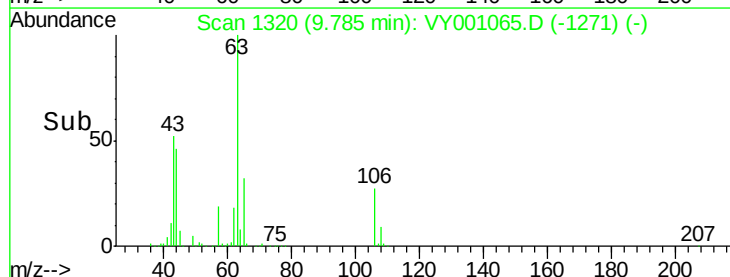
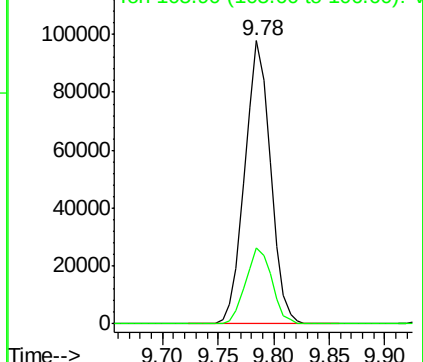
63 100

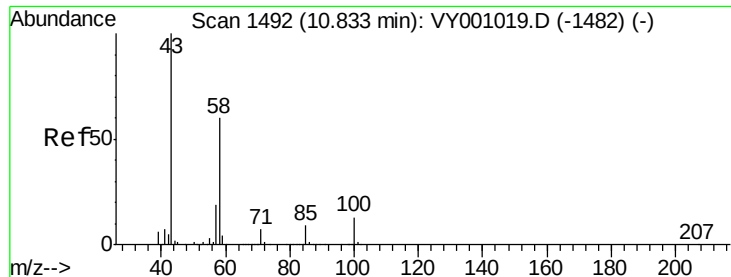
106 27.3 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

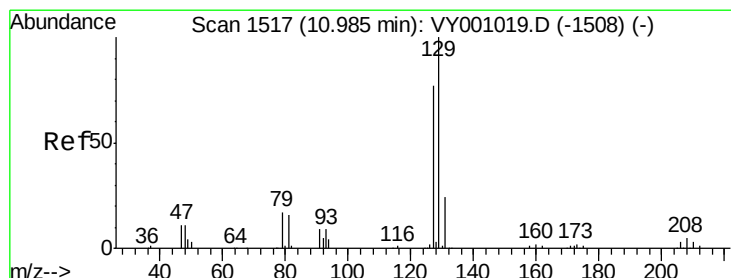
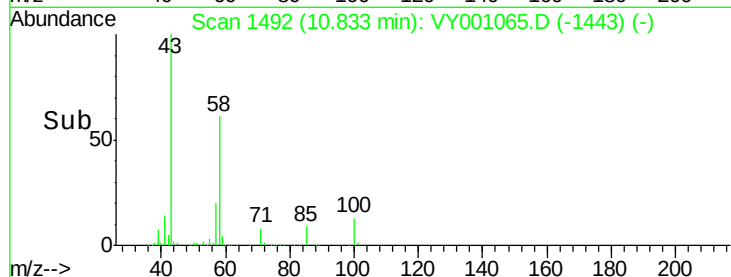
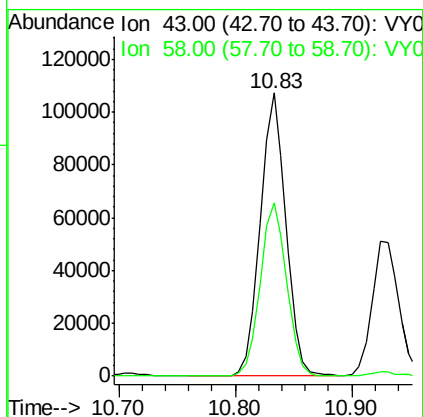
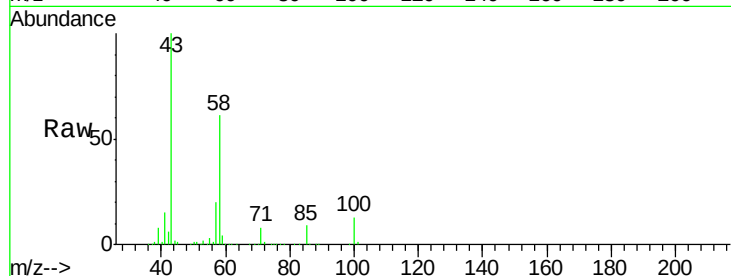




#59  
2-Hexanone  
Concen: 82.471 ug/l  
RT: 10.83 min Scan# 1492  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

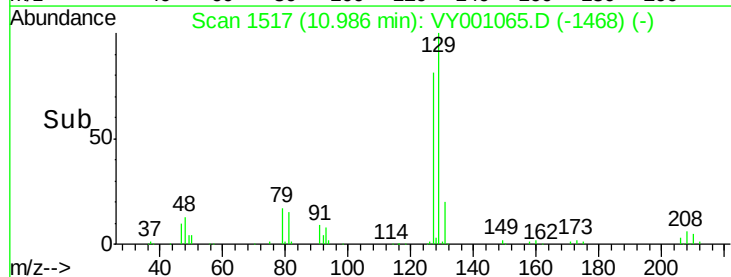
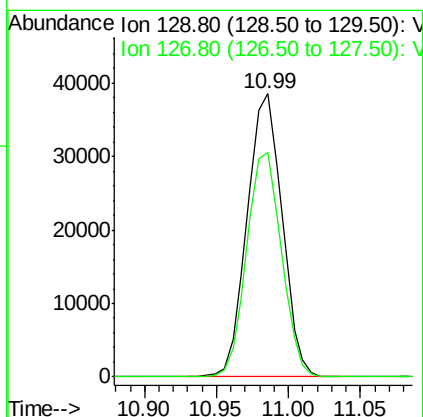
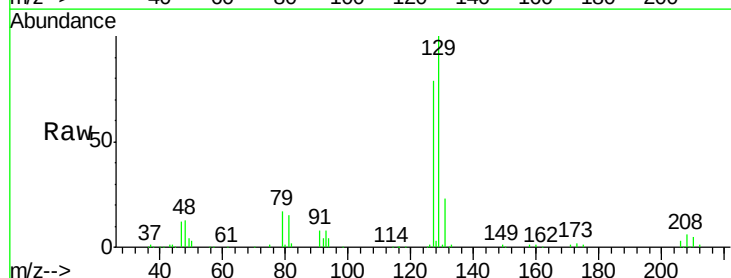
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBS01

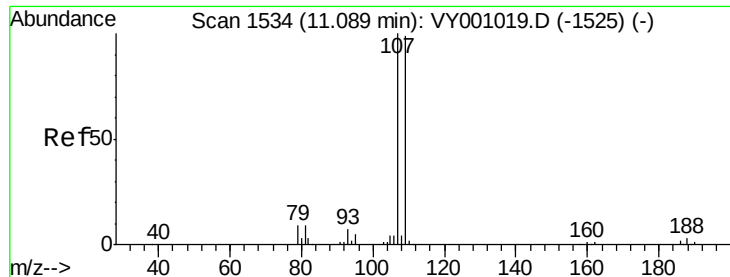
Tgt Ion: 43 Resp: 163608  
Ion Ratio Lower Upper  
43 100  
58 63.0 30.6 91.6



#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 :

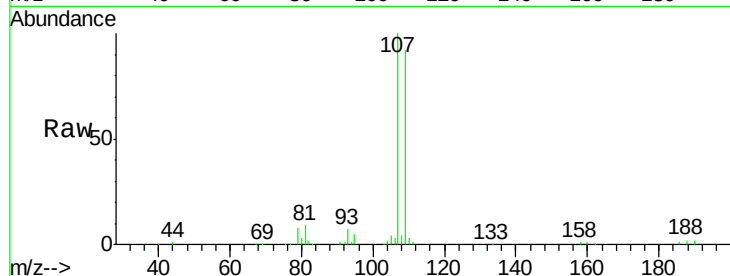
VY1226SBS01

Tgt Ion: 107 Resp: 57560

Ion Ratio Lower Upper

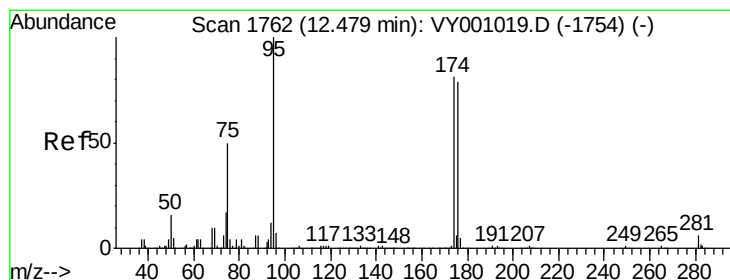
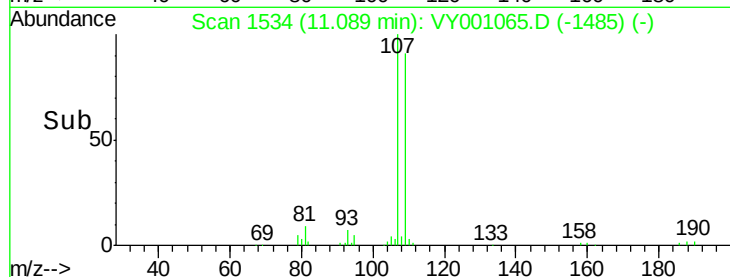
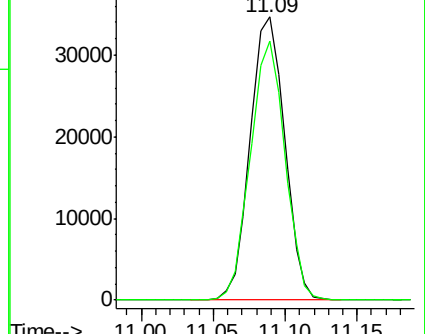
107 100

109 91.8 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#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

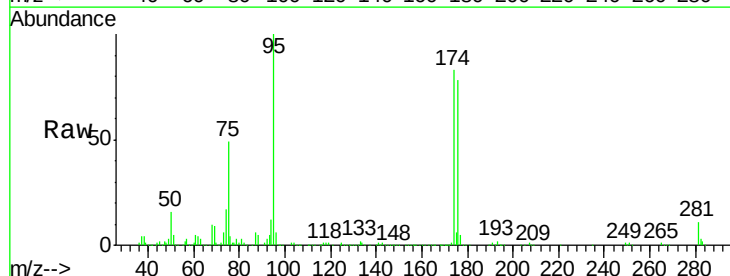
Tgt Ion: 95 Resp: 216809

Ion Ratio Lower Upper

95 100

174 81.4 0.0 156.4

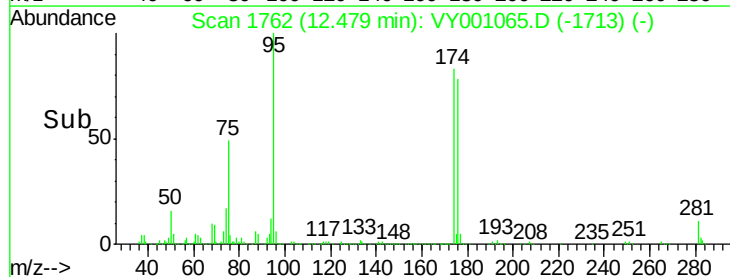
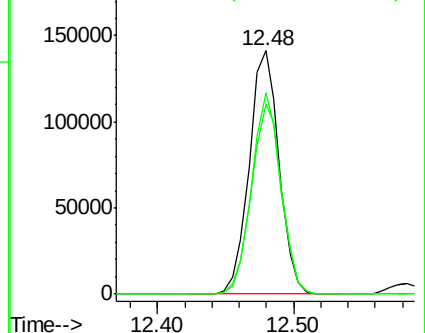
176 78.8 0.0 155.0

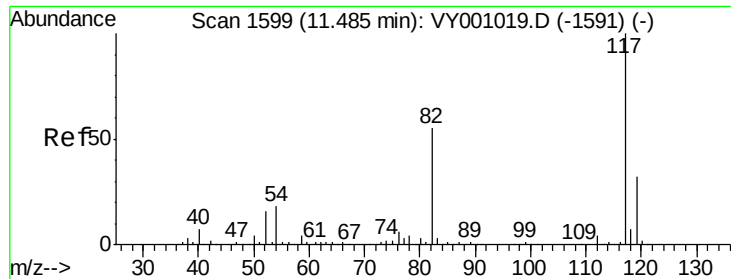


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

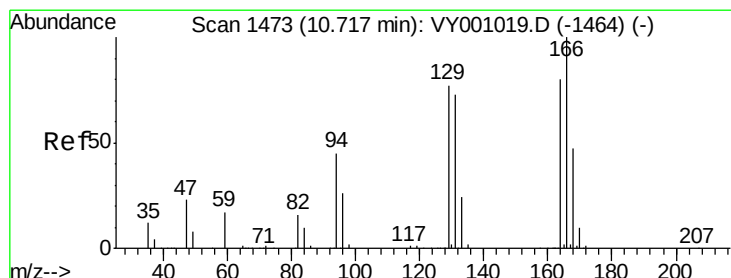
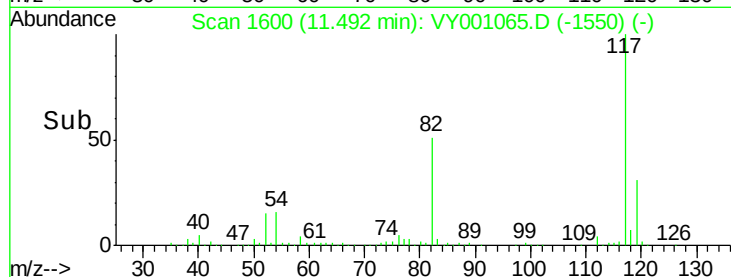
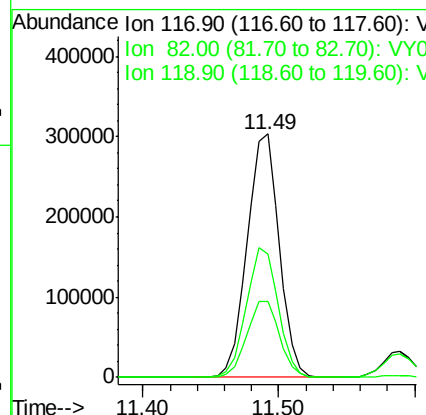
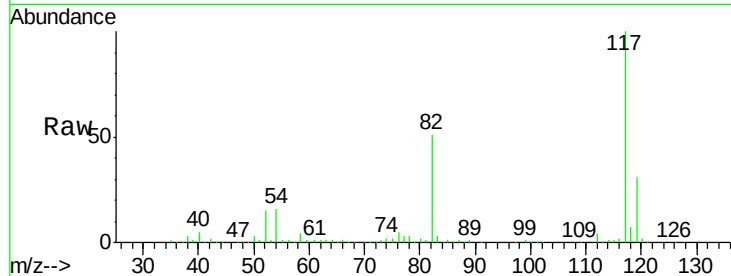




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.49 min Scan# 1600  
Delta R.T. 0.01 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

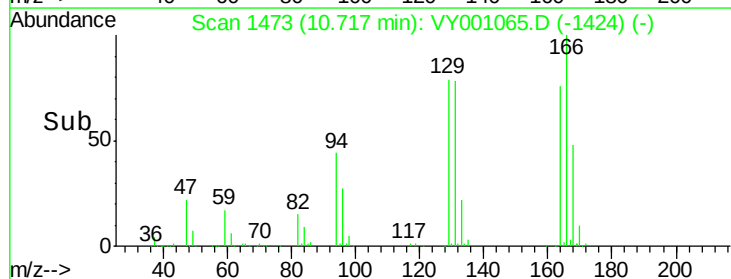
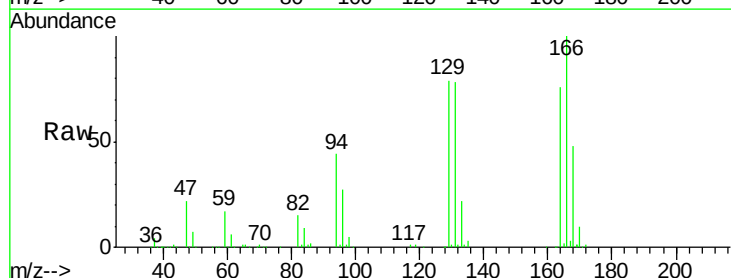
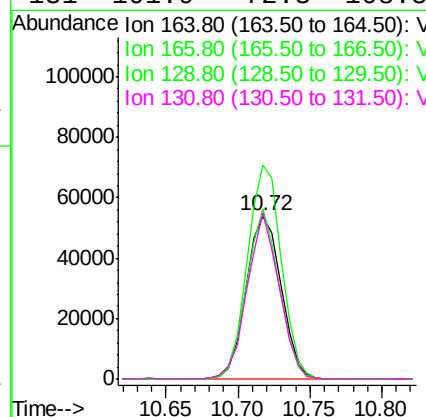
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBS01

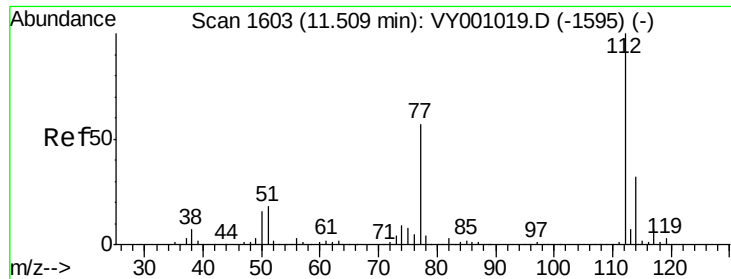
Tgt Ion:117 Resp: 500598  
Ion Ratio Lower Upper  
117 100  
82 50.6 43.8 65.8  
119 31.1 25.8 38.6



#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:164 Resp: 90294  
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 :

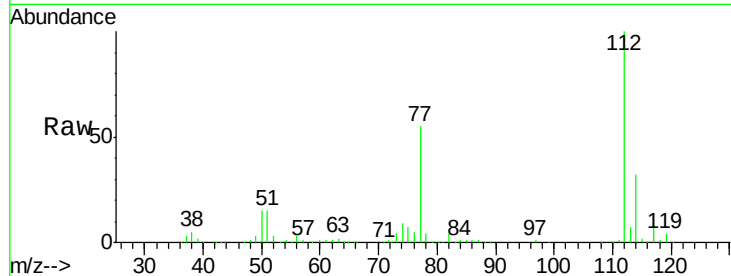
VY1226SBS01

Tgt Ion:112 Resp: 209058

Ion Ratio Lower Upper

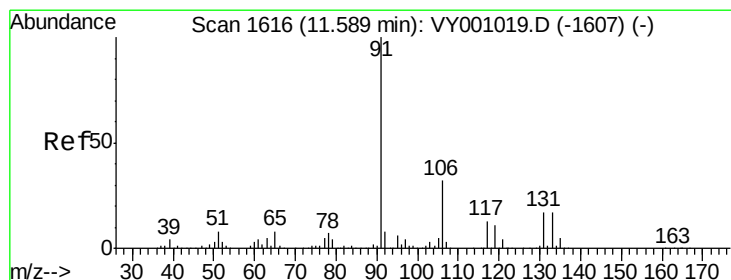
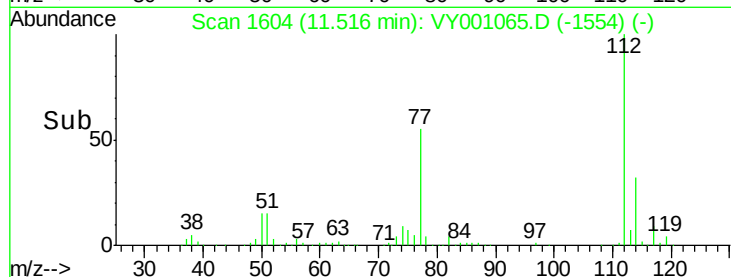
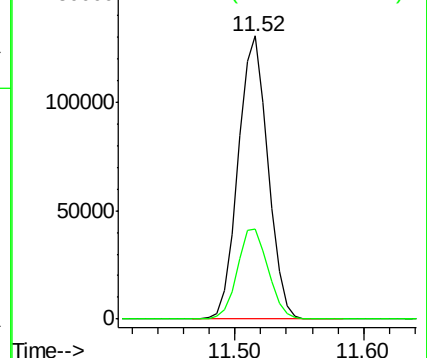
112 100

114 31.6 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#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

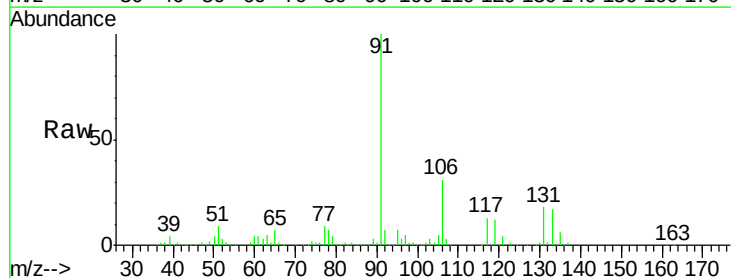
Tgt Ion:131 Resp: 70852

Ion Ratio Lower Upper

131 100

133 93.8 48.1 144.4

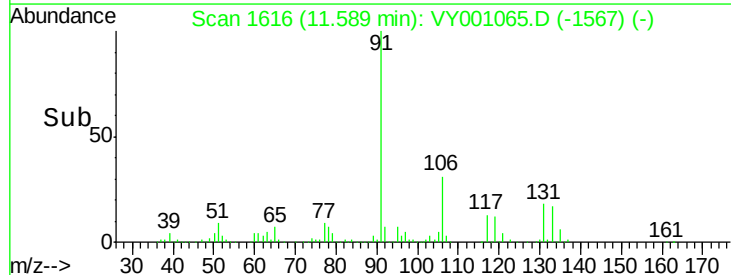
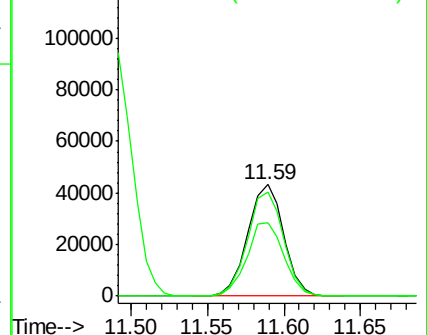
119 67.6 34.0 101.8

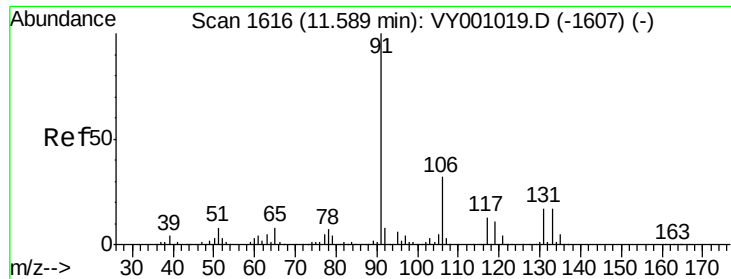


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

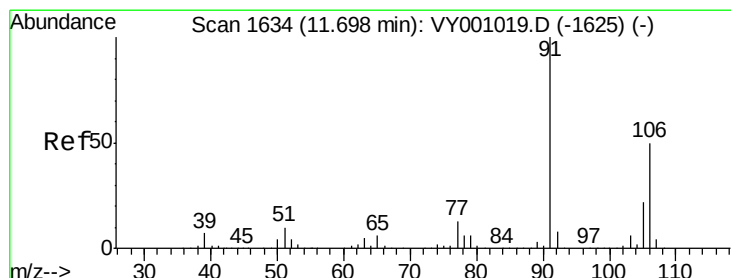
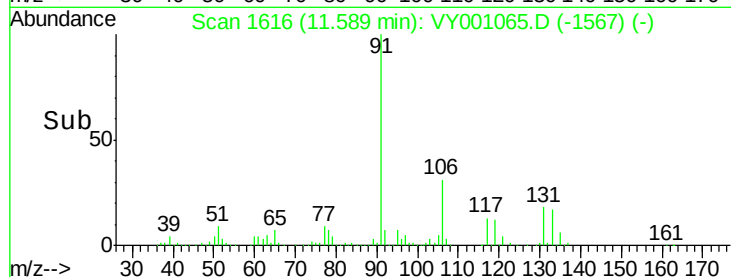
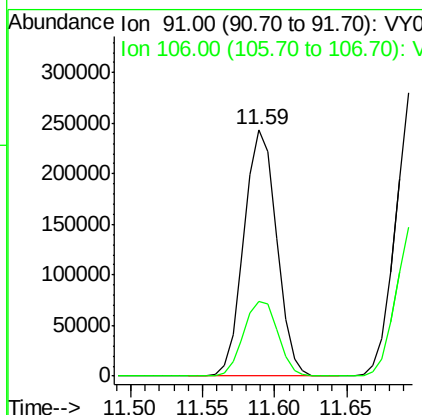
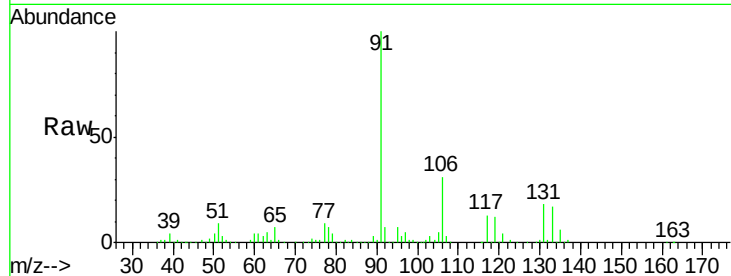




#67  
Ethyl Benzene  
Concen: 20.514 ug/l  
RT: 11.59 min Scan# 1616  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

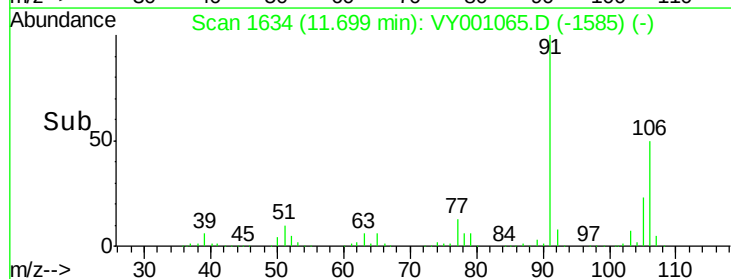
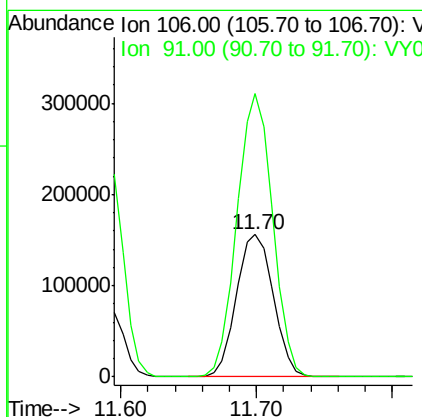
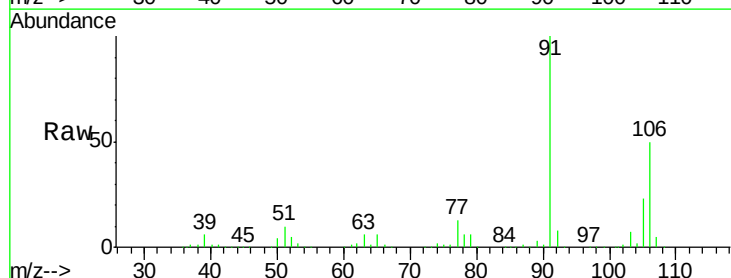
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBS01

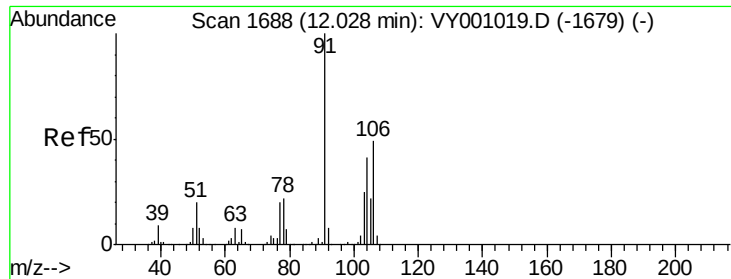
Tgt Ion: 91 Resp: 383148  
Ion Ratio Lower Upper  
91 100  
106 30.5 25.3 37.9



#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

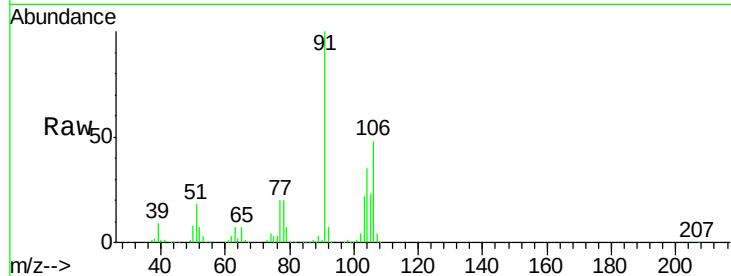




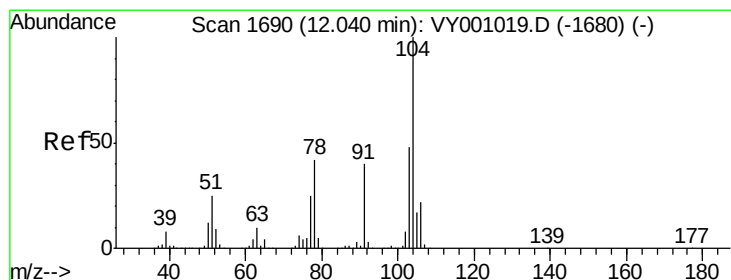
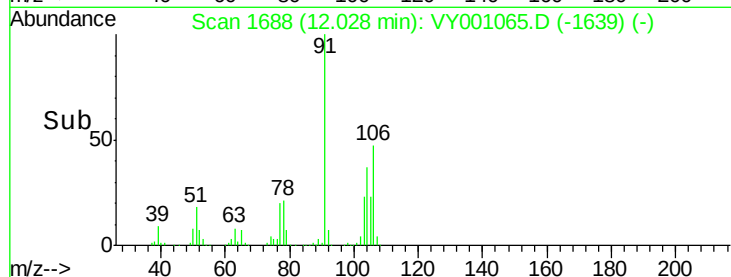
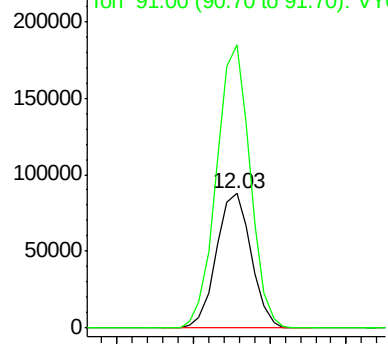
#69  
o-Xylene  
Concen: 20.755 ug/l  
RT: 12.03 min Scan# 1688  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBS01

Tgt Ion:106 Resp: 138467  
Ion Ratio Lower Upper  
106 100  
91 203.9 103.0 309.0

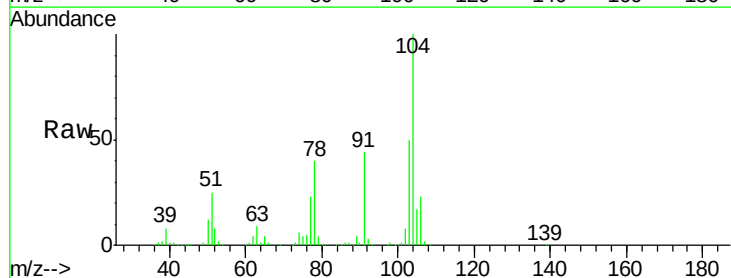


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VY0

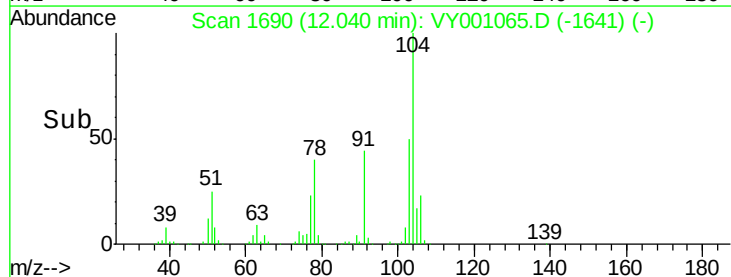
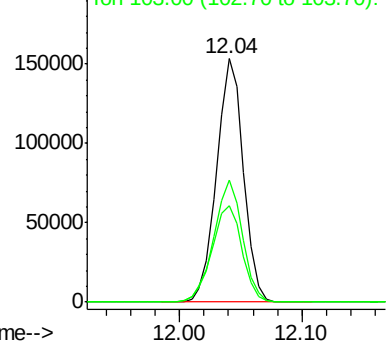


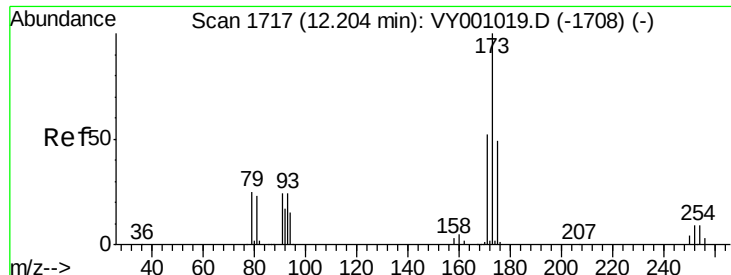
#70  
Styrene  
Concen: 20.613 ug/l  
RT: 12.04 min Scan# 1690  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

Tgt Ion:104 Resp: 233837  
Ion Ratio Lower Upper  
104 100  
78 44.7 36.6 54.8  
103 53.1 42.6 64.0



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VY0  
Ion 103.00 (102.70 to 103.70): V





#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

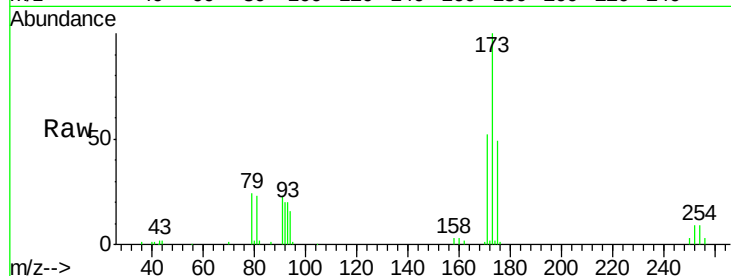
Tgt Ion:173 Resp: 35139

Ion Ratio Lower Upper

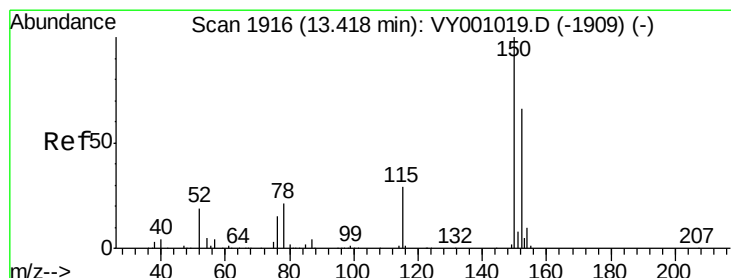
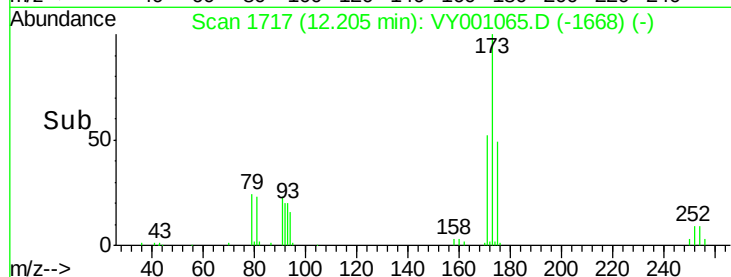
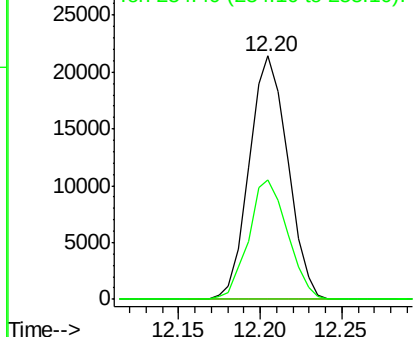
173 100

175 49.8 24.5 73.5

254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#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

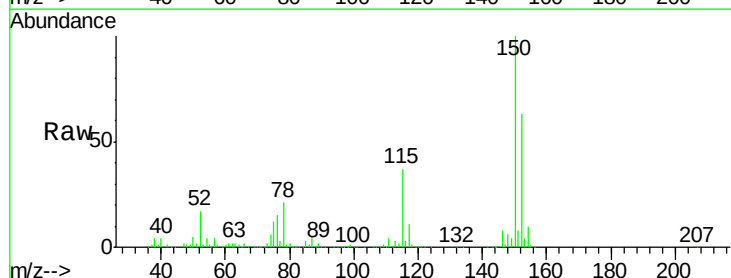
Tgt Ion:152 Resp: 230330

Ion Ratio Lower Upper

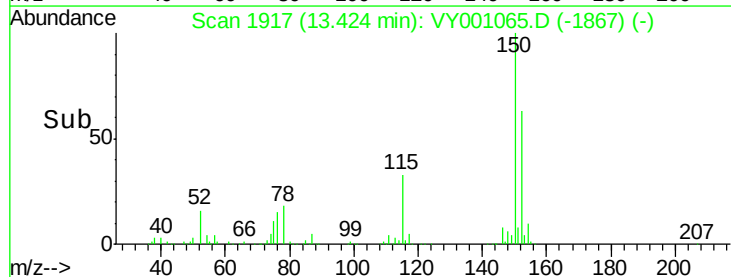
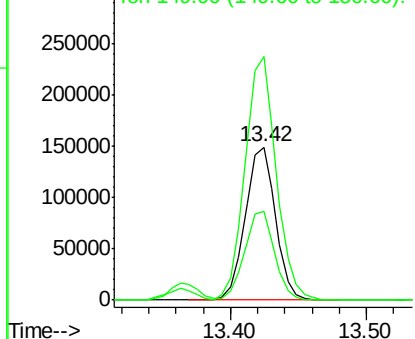
152 100

115 57.9 29.8 89.3

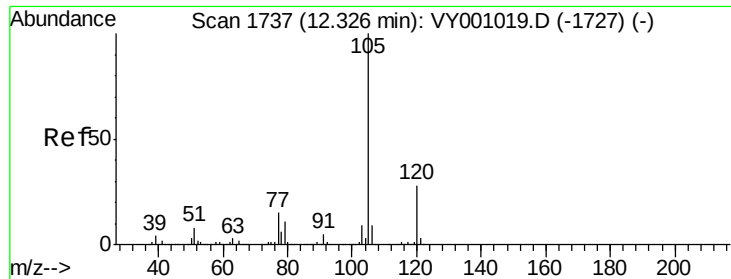
150 164.8 0.0 352.6



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V







#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 :

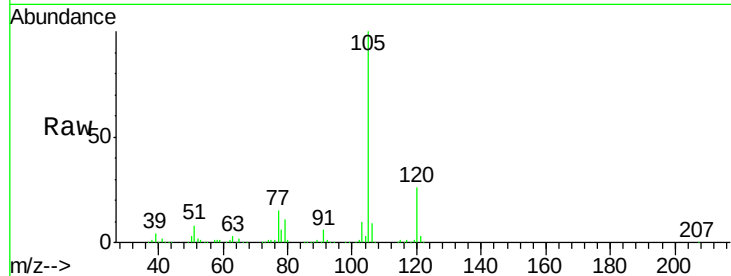
VY1226SBS01

Tgt Ion:105 Resp: 362507

Ion Ratio Lower Upper

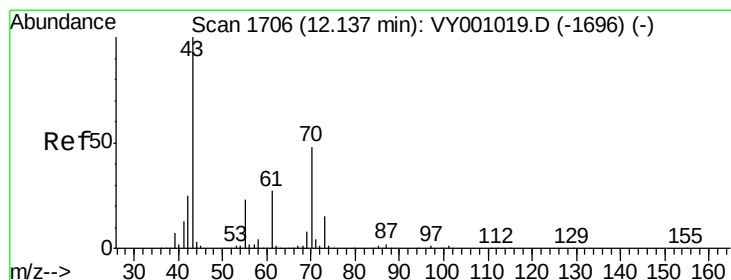
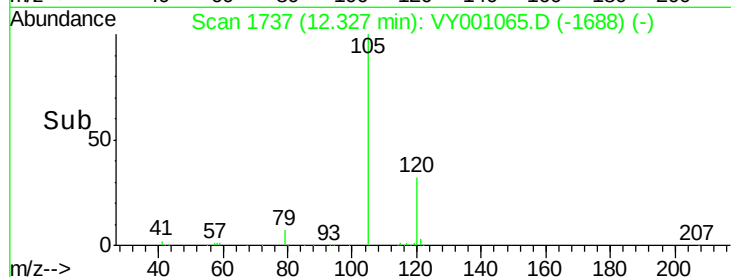
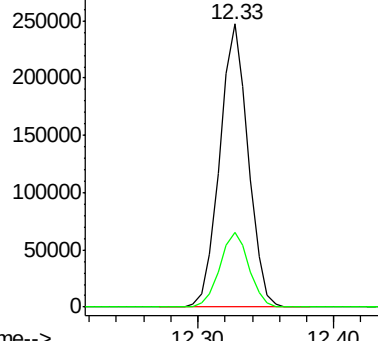
105 100

120 27.0 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#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

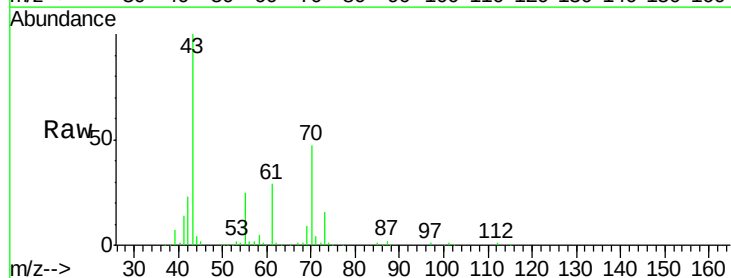
Ion Ratio Lower Upper

43 100

70 52.2 39.0 58.6

55 26.9 19.5 29.3

61 29.1 22.0 33.0

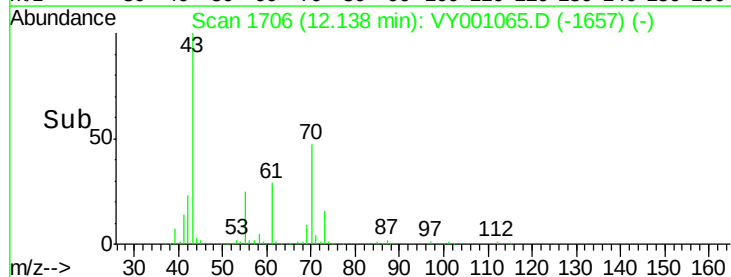
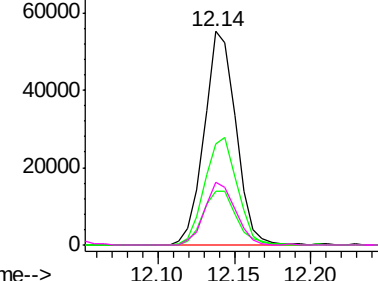


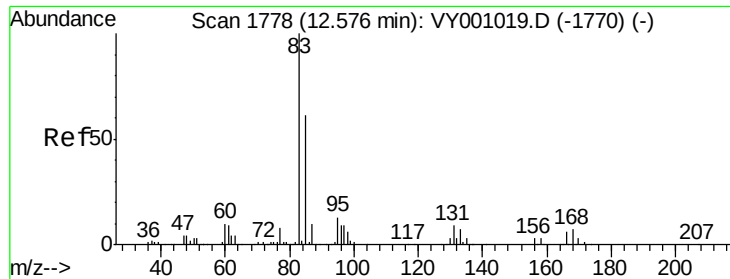
Abundance Ion 43.00 (42.70 to 43.70): VY0

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





#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 :

VY1226SBSD01

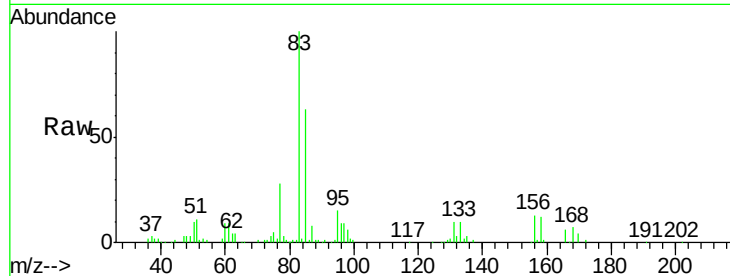
Tgt Ion: 83 Resp: 64220

Ion Ratio Lower Upper

83 100

131 9.5 5.1 15.3

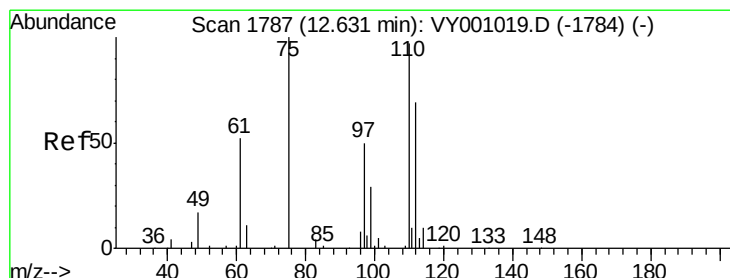
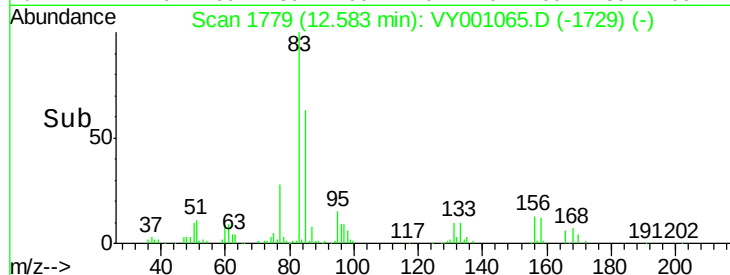
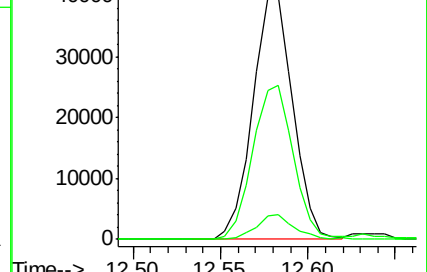
85 64.0 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VY001019.D (-1770) (-)

Ion 130.80 (130.50 to 131.50): VY001019.D (-1770) (-)

Ion 84.90 (84.60 to 85.60): VY001019.D (-1770) (-)



#76

1,2,3-Trichloropropane

Concen: 31.117 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY001065.D

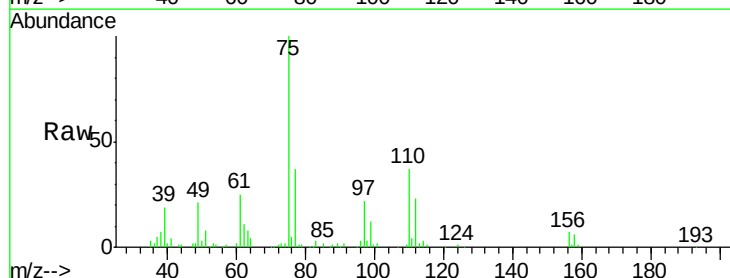
Acq: 26 Dec 2019 12:39

Tgt Ion: 75 Resp: 88357

Ion Ratio Lower Upper

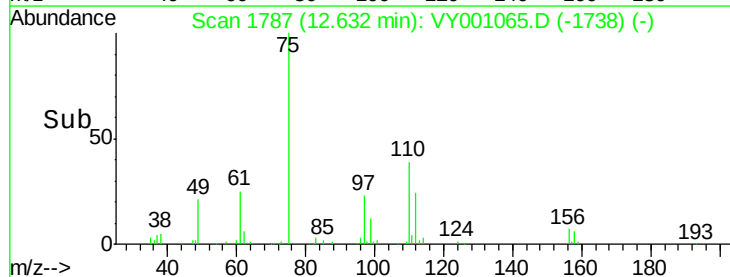
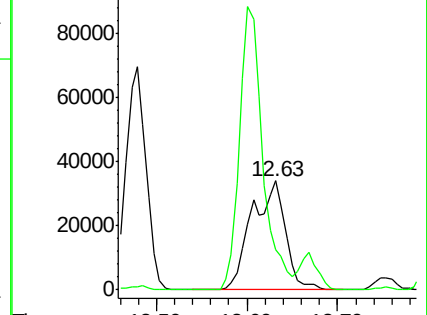
75 100

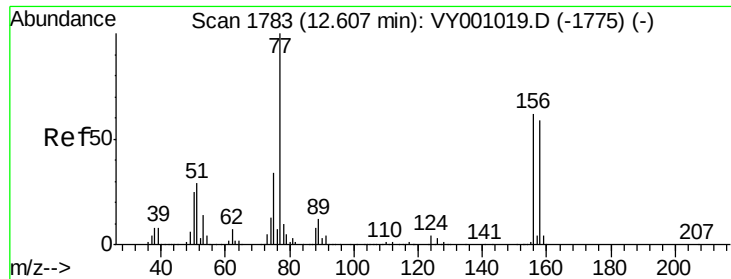
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001019.D (-1784) (-)

Ion 77.00 (76.70 to 77.70): VY001019.D (-1784) (-)





#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

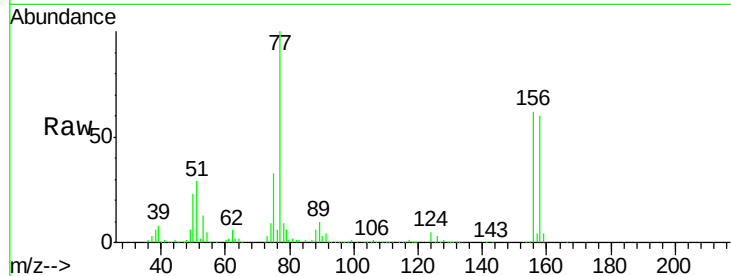
Tgt Ion:156 Resp: 81324

Ion Ratio Lower Upper

156 100

77 194.3 98.0 294.1

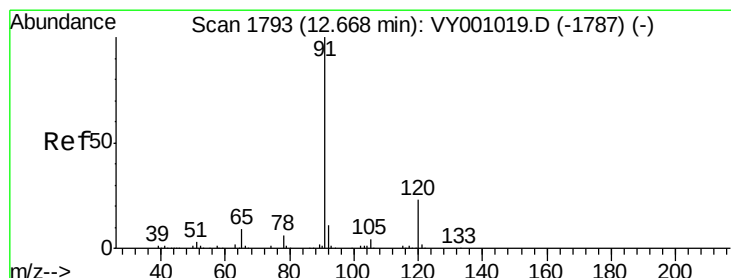
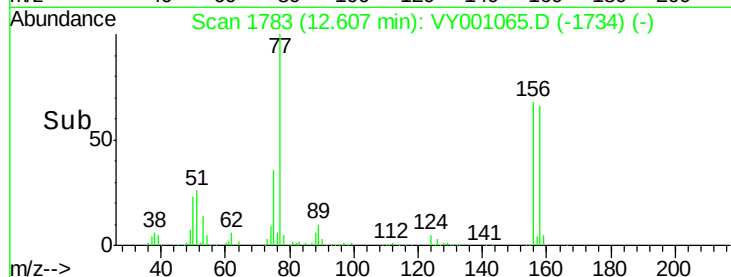
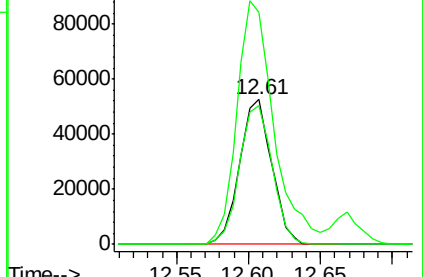
158 98.1 48.5 145.6



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

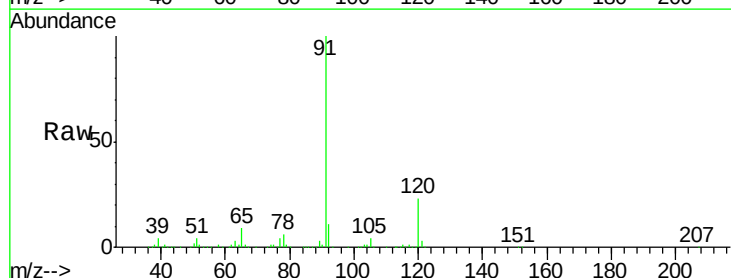
Acq: 26 Dec 2019 12:39

Tgt Ion: 91 Resp: 441207

Ion Ratio Lower Upper

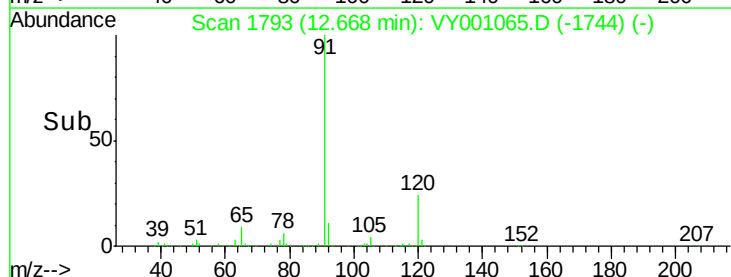
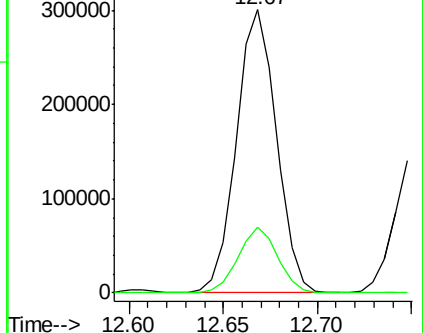
91 100

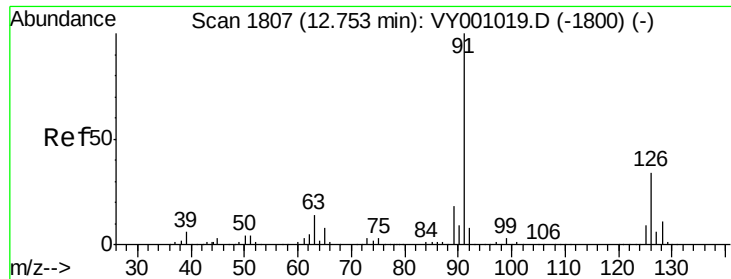
120 23.0 11.4 34.2



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 :

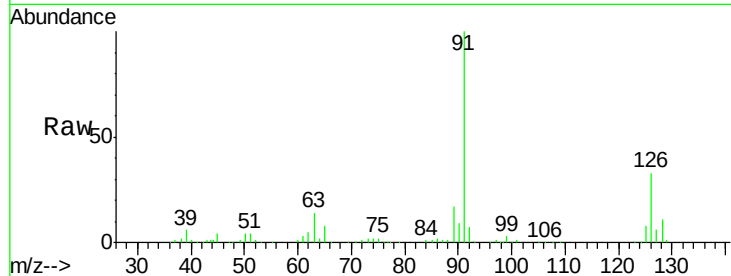
VY1226SBS01

Tgt Ion: 91 Resp: 244080

Ion Ratio Lower Upper

91 100

126 34.1 17.3 51.7



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

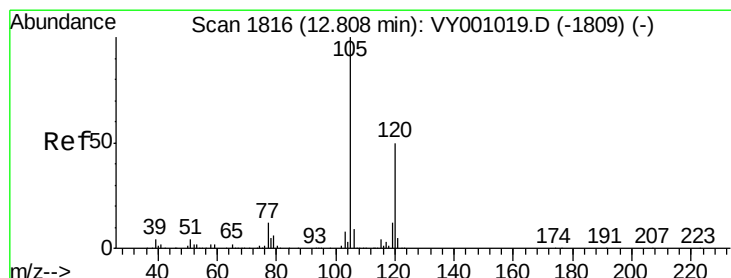
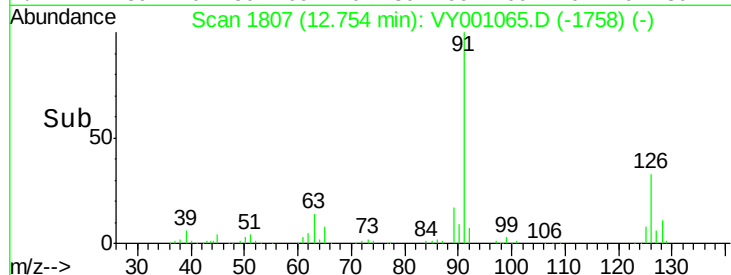
100000

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

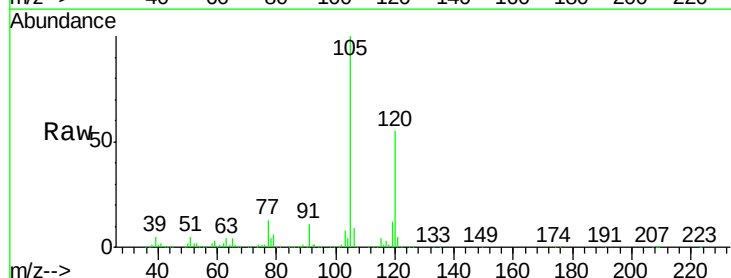
Acq: 26 Dec 2019 12:39

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

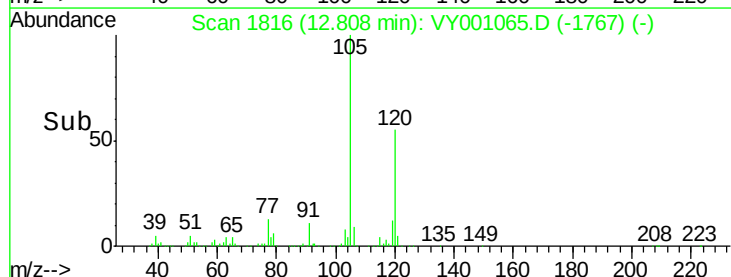
100000

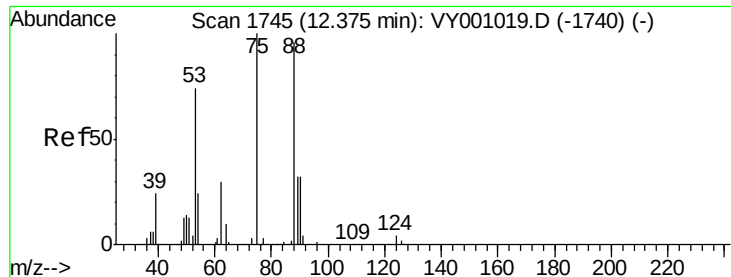
50000

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

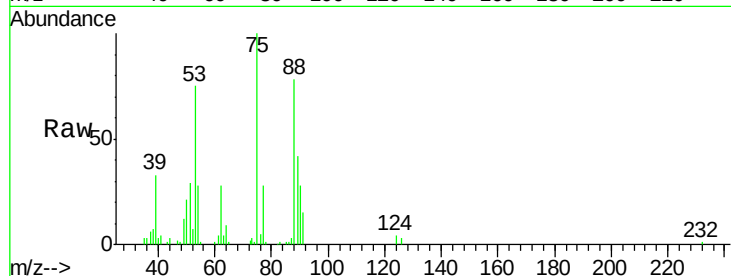
Tgt Ion: 75 Resp: 24030

Ion Ratio Lower Upper

75 100

53 73.4 60.6 91.0

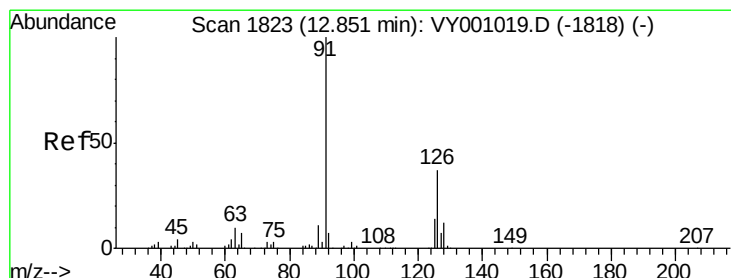
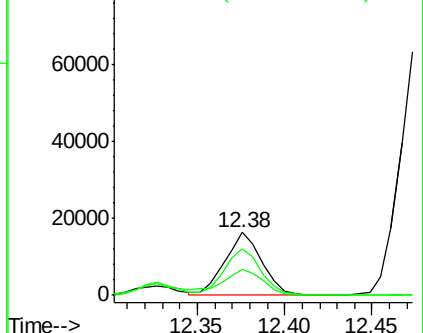
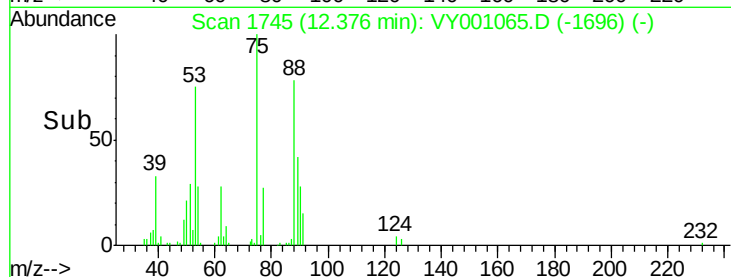
89 45.5 35.4 53.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.496 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY001065.D

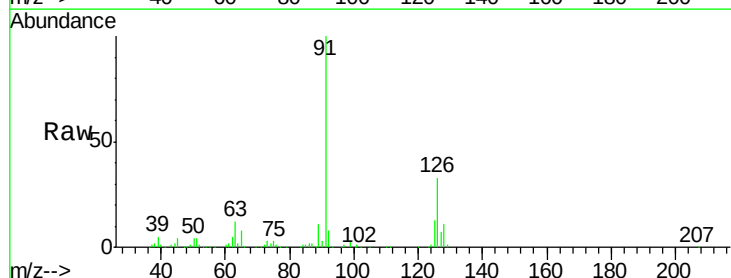
Acq: 26 Dec 2019 12:39

Tgt Ion: 91 Resp: 255333

Ion Ratio Lower Upper

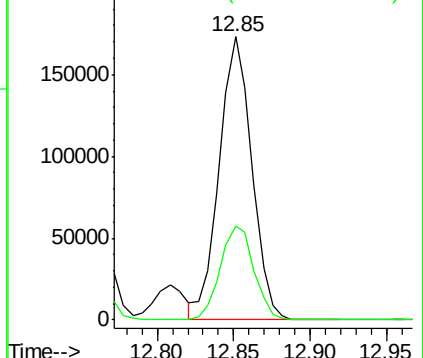
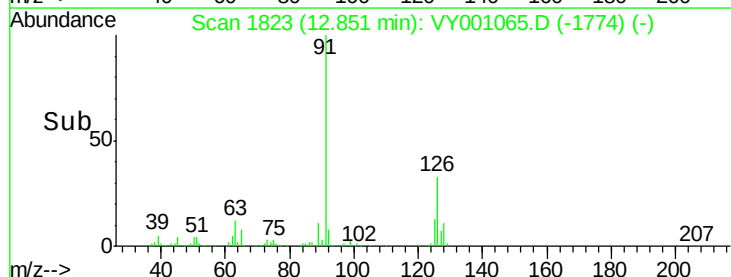
91 100

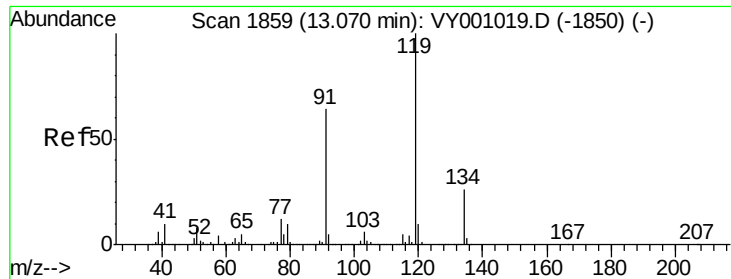
126 34.5 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

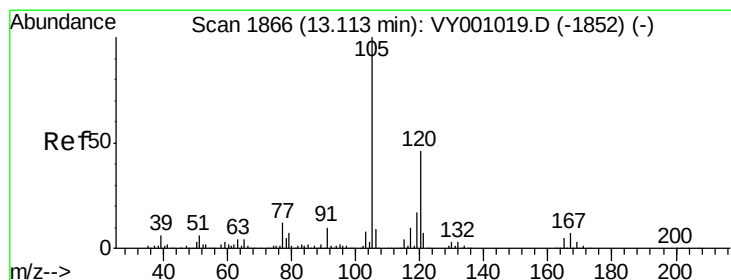
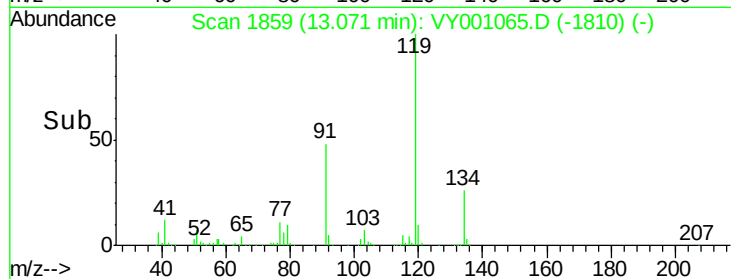
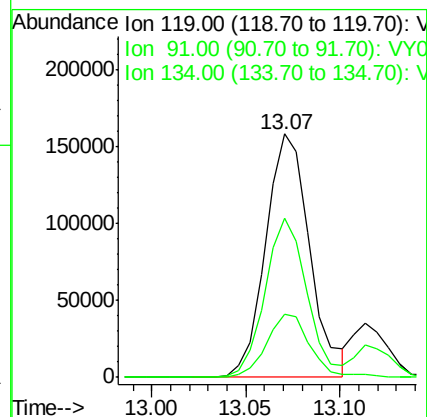
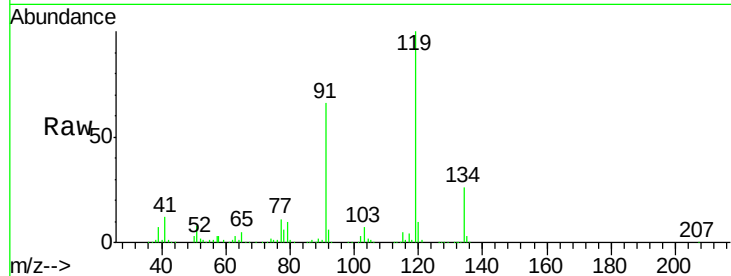




#83  
 tert-Butylbenzene  
 Concen: 20.899 ug/l  
 RT: 13.07 min Scan# 1859  
 Delta R.T. 0.00 min  
 Lab File: VY001065.D  
 Acq: 26 Dec 2019 12:39

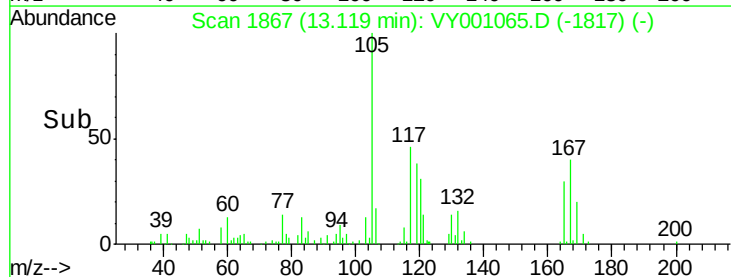
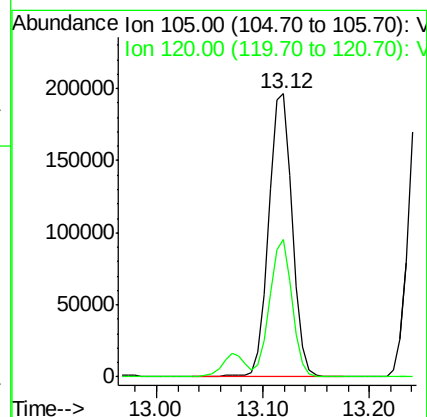
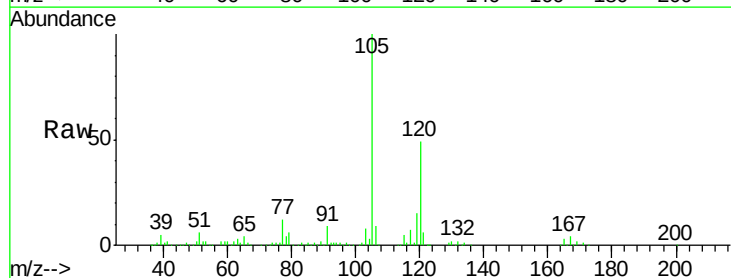
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1226SBSD01

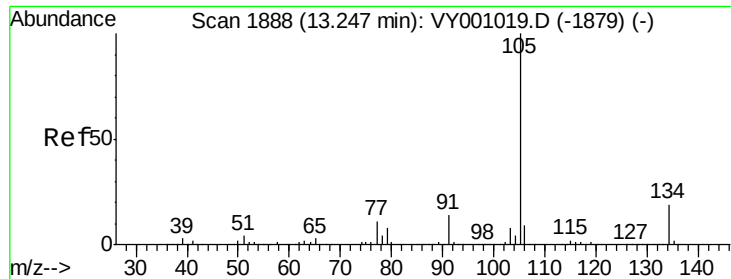
Tgt Ion:119 Resp: 256313  
 Ion Ratio Lower Upper  
 119 100  
 91 62.1 31.9 95.7  
 134 25.9 13.6 40.7



#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:105 Resp: 304465  
 Ion Ratio Lower Upper  
 105 100  
 120 46.2 23.4 70.2

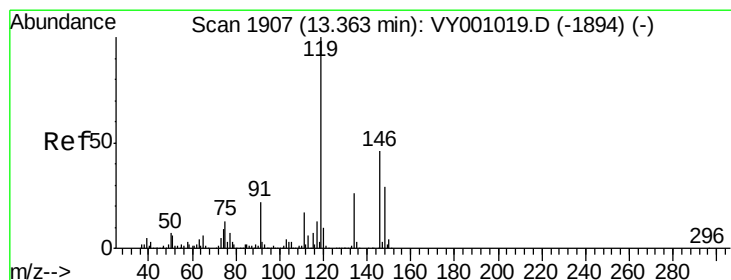
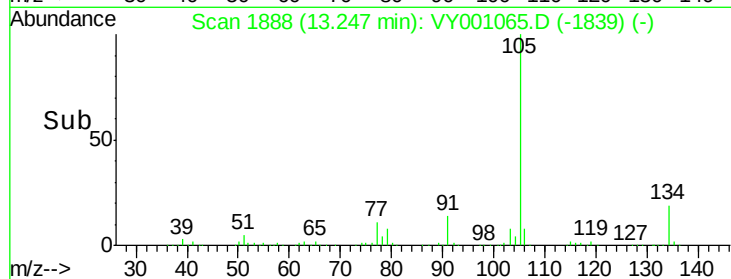
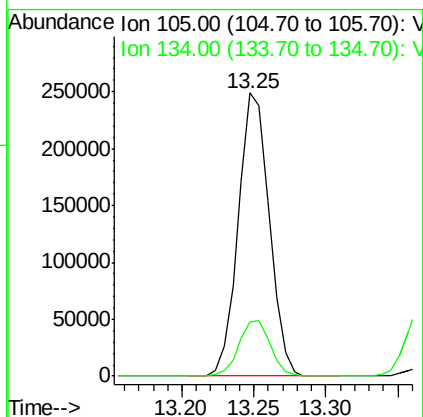
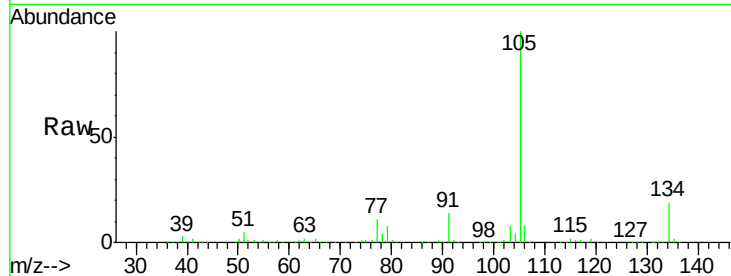




#85  
 sec-Butylbenzene  
 Concen: 20.606 ug/l  
 RT: 13.25 min Scan# 1888  
 Delta R.T. 0.00 min  
 Lab File: VY001065.D  
 Acq: 26 Dec 2019 12:39

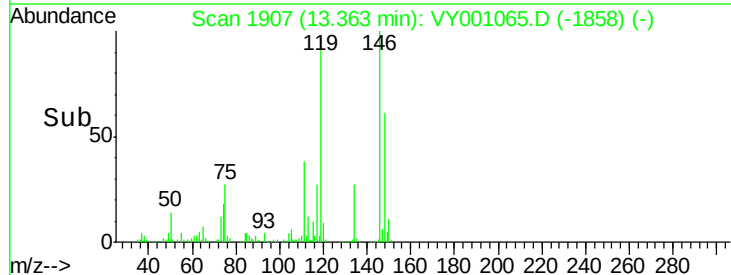
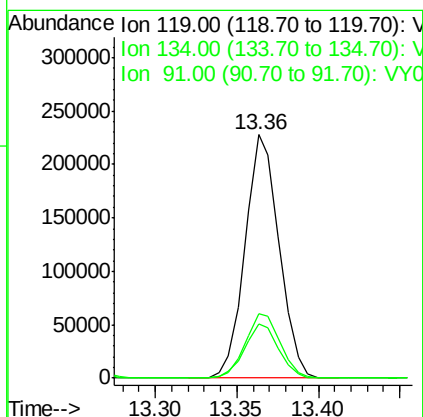
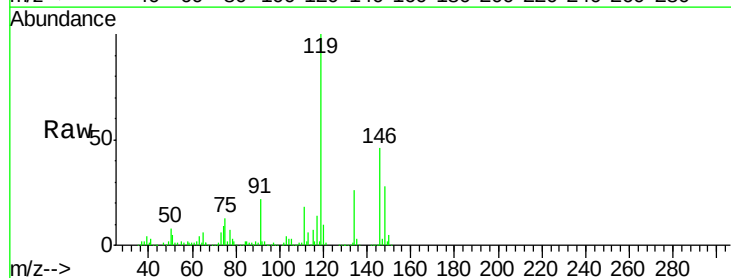
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1226SBS01

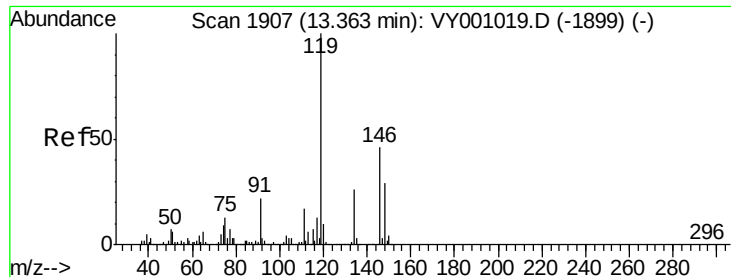
Tgt Ion:105 Resp: 372559  
 Ion Ratio Lower Upper  
 105 100  
 134 19.9 10.0 30.0



#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





#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

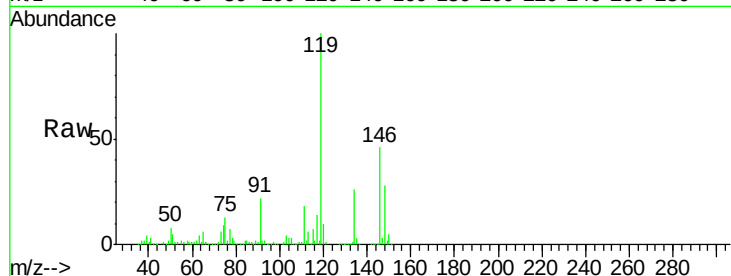
Tgt Ion:146 Resp: 161292

Ion Ratio Lower Upper

146 100

111 39.0 19.7 59.0

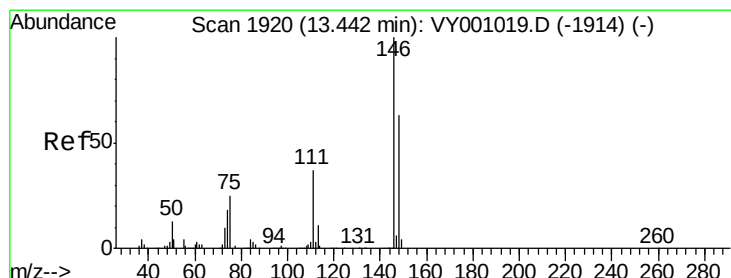
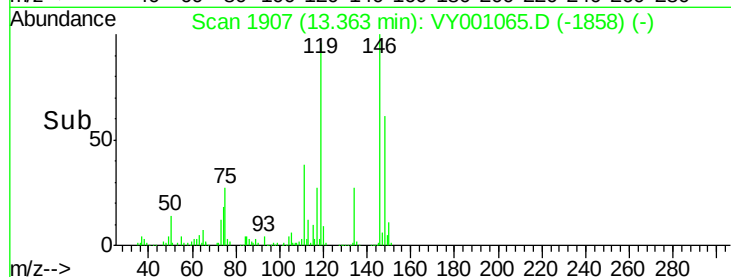
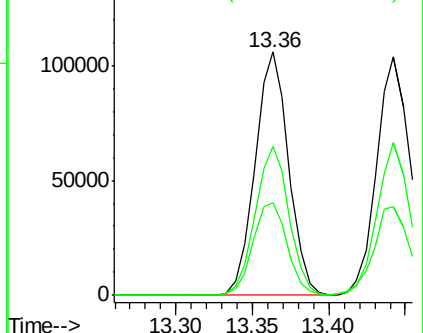
148 61.4 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#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

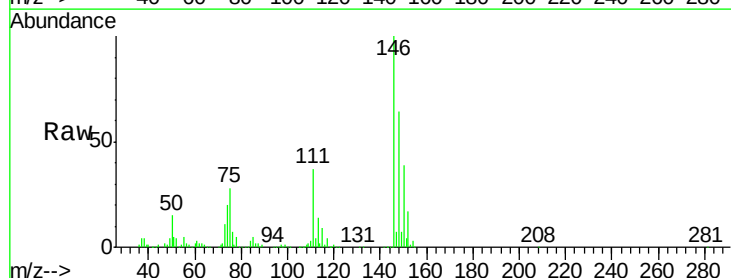
Tgt Ion:146 Resp: 156181

Ion Ratio Lower Upper

146 100

111 39.7 19.4 58.2

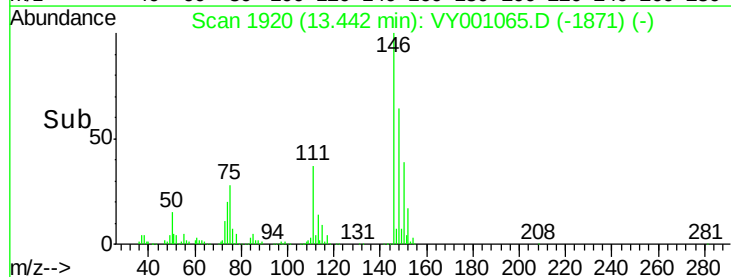
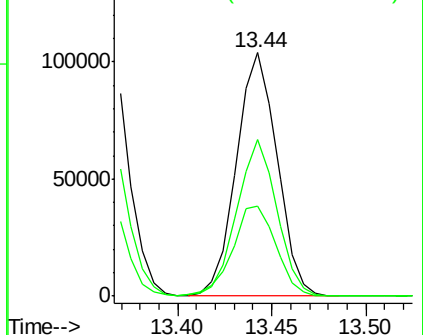
148 63.4 31.8 95.3



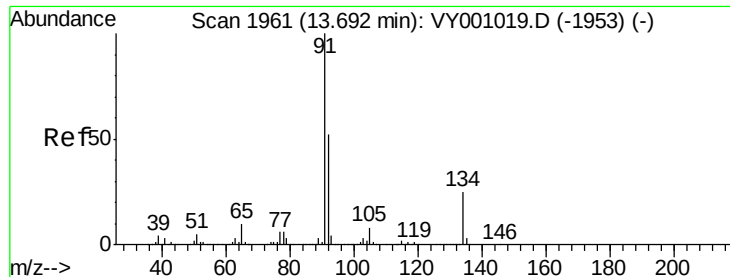
Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



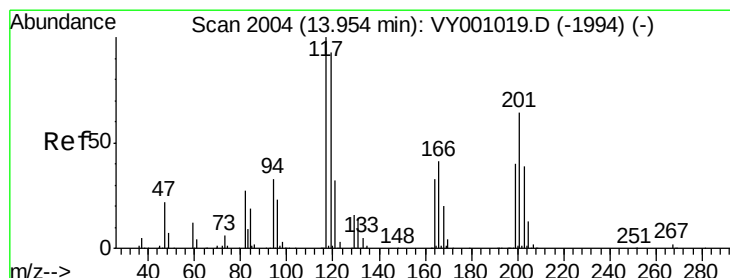
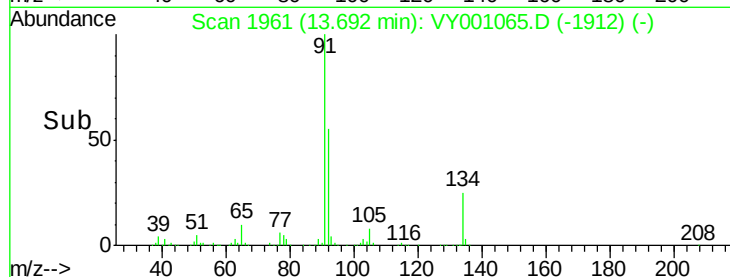
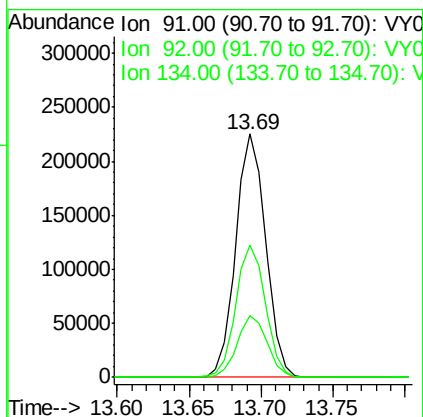
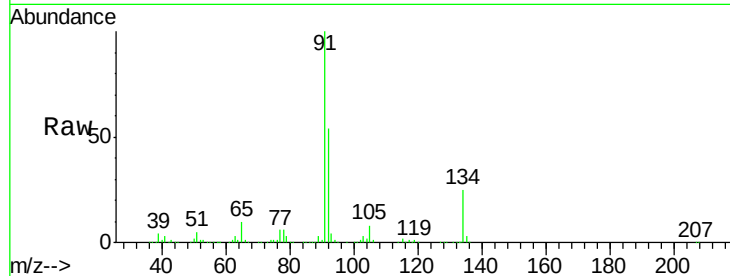




#89  
n-Butylbenzene  
Concen: 20.733 ug/l  
RT: 13.69 min Scan# 1961  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

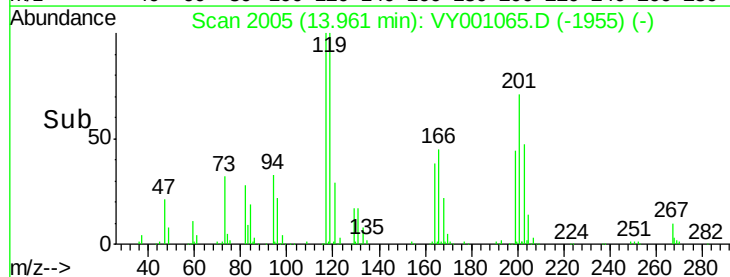
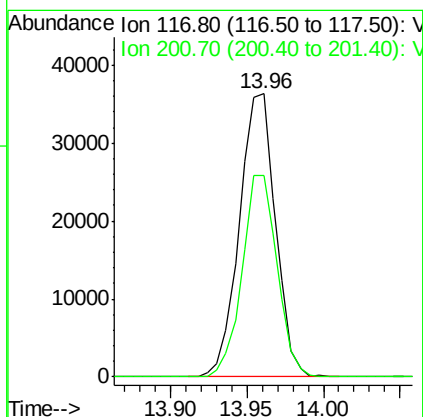
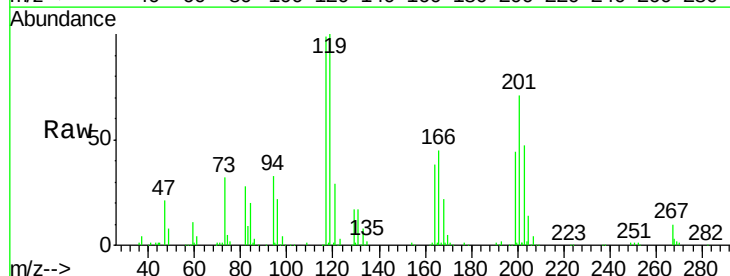
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBS01

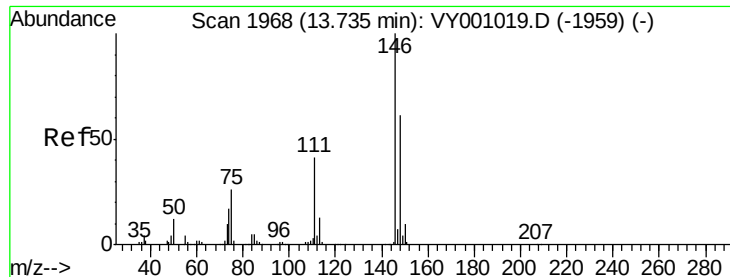
Tgt Ion: 91 Resp: 326347  
Ion Ratio Lower Upper  
91 100  
92 53.9 26.9 80.7  
134 25.3 12.7 38.0



#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: 117 Resp: 59556  
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

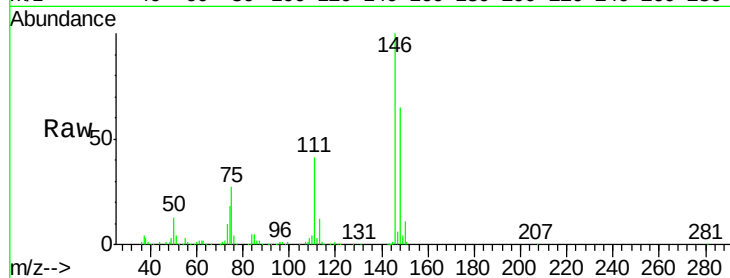
Tgt Ion:146 Resp: 144498

Ion Ratio Lower Upper

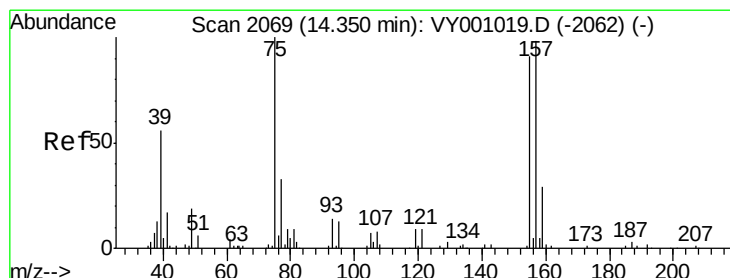
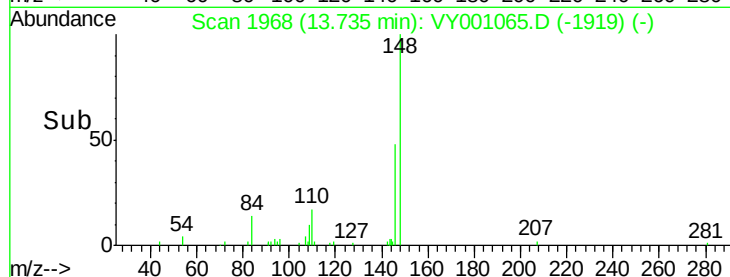
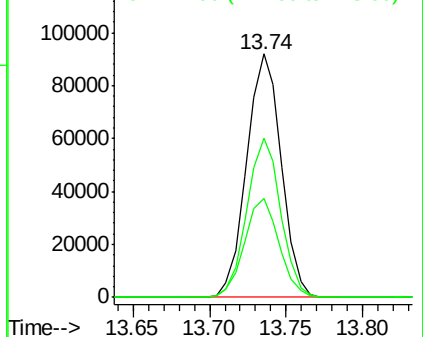
146 100

111 40.7 20.6 61.9

148 63.9 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 147.90 (147.60 to 148.60): V



#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

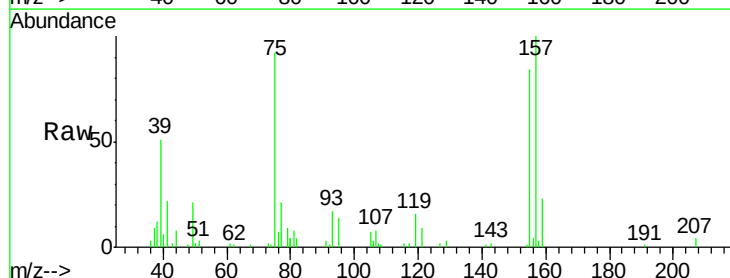
Tgt Ion: 75 Resp: 10280

Ion Ratio Lower Upper

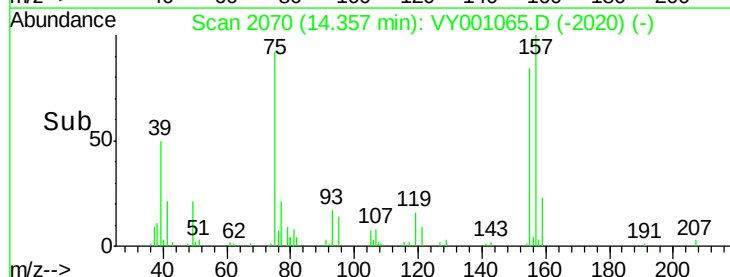
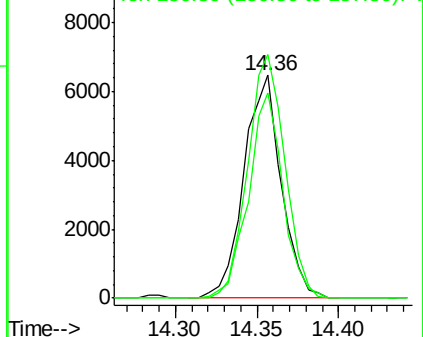
75 100

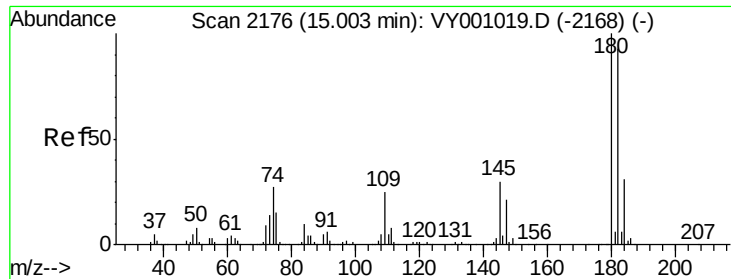
155 85.2 46.3 138.9

157 108.4 58.1 174.4



Abundance Ion 74.90 (74.60 to 75.60): VY0  
Ion 154.80 (154.50 to 155.50): V  
Ion 156.80 (156.50 to 157.50): V

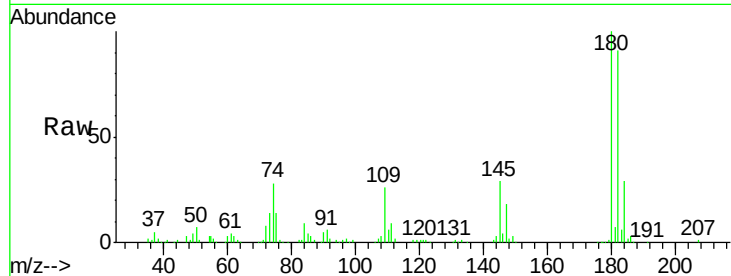




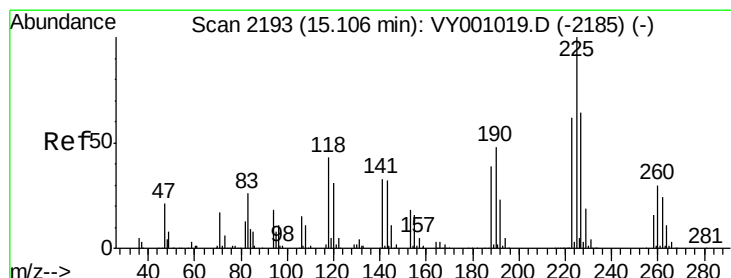
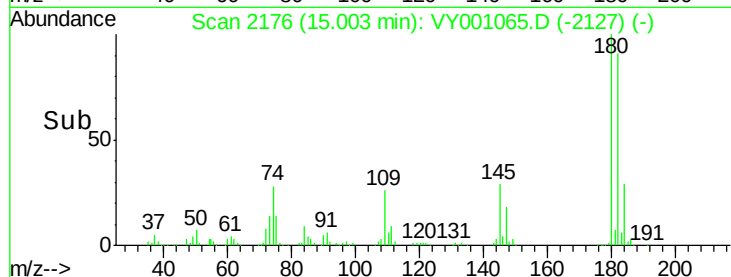
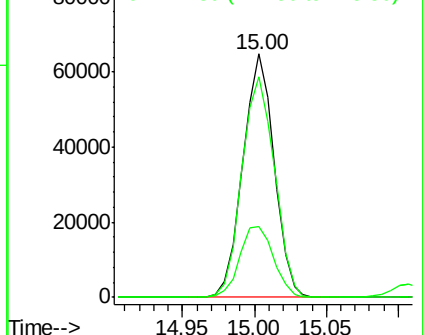
#93  
1,2,4-Trichlorobenzene  
Concen: 20.270 ug/l  
RT: 15.00 min Scan# 2176  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBS01

Tgt Ion:180 Resp: 97166  
Ion Ratio Lower Upper  
180 100  
182 95.1 46.8 140.3  
145 31.7 15.3 45.9

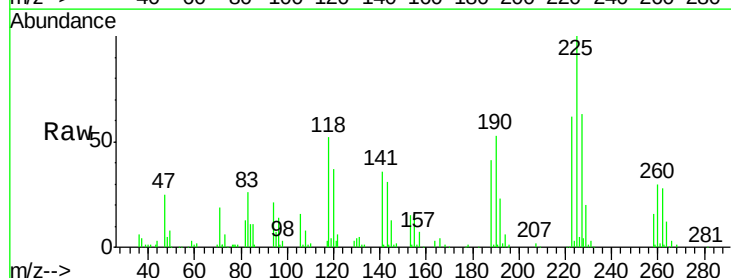


Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.80 (144.50 to 145.50): V

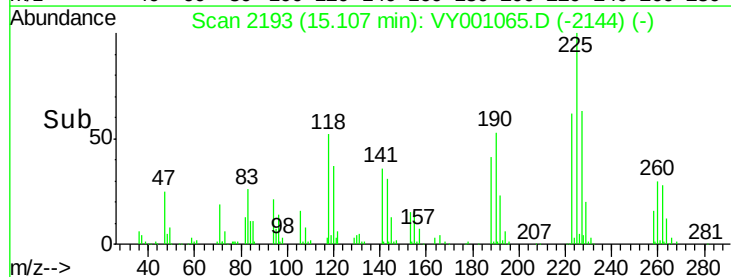
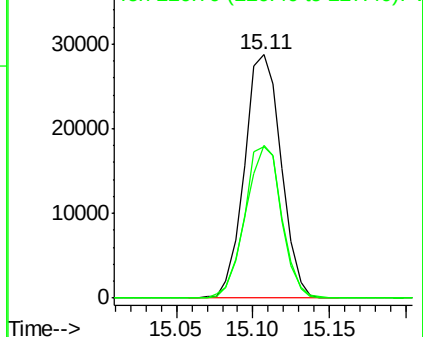


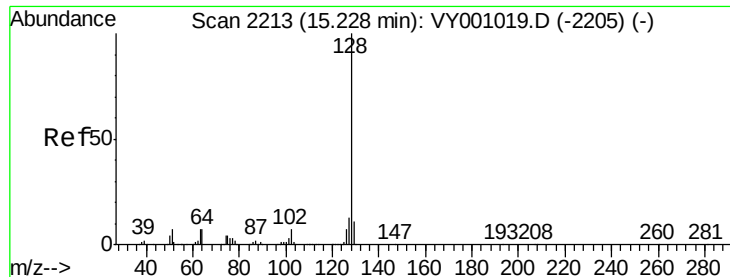
#94  
Hexachlorobutadiene  
Concen: 20.961 ug/l  
RT: 15.11 min Scan# 2193  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

Tgt Ion:225 Resp: 47816  
Ion Ratio Lower Upper  
225 100  
223 63.2 31.6 94.8  
227 61.7 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V  
Ion 222.70 (222.40 to 223.40): V  
Ion 226.70 (226.40 to 227.40): V

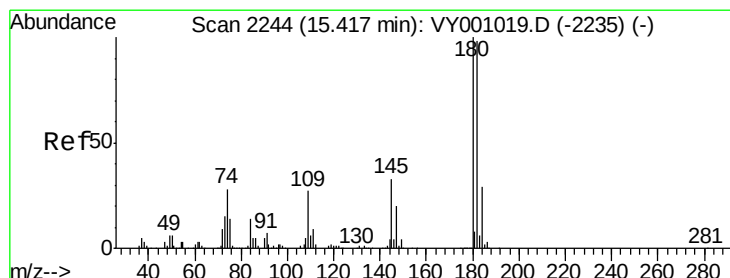
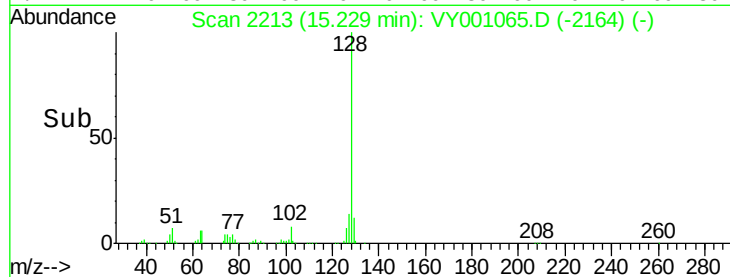
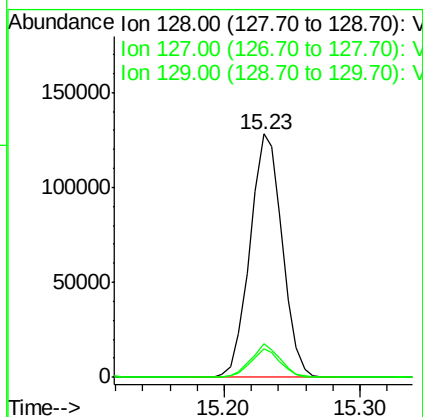
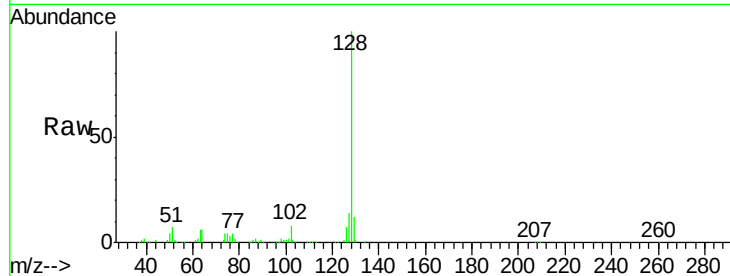




#95  
Naphthalene  
Concen: 18.877 ug/l  
RT: 15.23 min Scan# 2213  
Delta R.T. 0.00 min  
Lab File: VY001065.D  
Acq: 26 Dec 2019 12:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1226SBS01

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



#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 | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.4  | 47.9  | 143.8 |
| 145     | 33.1  | 16.3  | 48.9  |

