

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101018\  
 Data File : VW005950.D  
 Acq On : 09 Oct 2018 21:04  
 Operator : SY/AP  
 Sample : VW1010SBS01  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1010SBS01

Manual Integrations  
 APPROVED

apatel  
 10/10/2018 11:34:42 AM

Quant Time: Oct 10 01:19:19 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W100818S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 09 02:14:04 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 228711   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 339206   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 310466   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 173067   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 110415   | 49.73 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.46%  |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 112364   | 51.88 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.76% |      |
| 50) Toluene-d8            | 10.33  | 98  | 423454   | 50.82 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.64% |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 155015   | 48.90 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.80%  |      |

## Target Compounds

|                               |      |     |        |         |      | Qvalue |
|-------------------------------|------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 2.01 | 85  | 21315  | 19.018  | ug/l | 91     |
| 3) Chloromethane              | 2.21 | 50  | 25693  | 19.489  | ug/l | 99     |
| 4) Vinyl Chloride             | 2.37 | 62  | 43427  | 20.749  | ug/l | 99     |
| 5) Bromomethane               | 2.78 | 94  | 37502  | 22.704  | ug/l | 100    |
| 6) Chloroethane               | 2.93 | 64  | 29289  | 21.965  | ug/l | 94     |
| 7) Trichlorofluoromethane     | 3.25 | 101 | 32452  | 19.533  | ug/l | 95     |
| 8) Diethyl Ether              | 3.67 | 74  | 22101  | 21.615  | ug/l | 93     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101 | 39830  | 18.997  | ug/l | 99     |
| 10) Methyl Iodide             | 4.26 | 142 | 66264  | 19.325  | ug/l | 100    |
| 11) Tert butyl alcohol        | 5.18 | 59  | 19505  | 119.869 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 4.04 | 96  | 38710  | 19.227  | ug/l | 96     |
| 13) Acrolein                  | 3.89 | 56  | 13628  | 93.982  | ug/l | 93     |
| 14) Allyl chloride            | 4.66 | 41  | 57049  | 16.616  | ug/l | 95     |
| 15) Acrylonitrile             | 5.37 | 53  | 45038  | 101.215 | ug/l | 99     |
| 16) Acetone                   | 4.12 | 43  | 44551  | 100.457 | ug/l | 99     |
| 17) Carbon Disulfide          | 4.37 | 76  | 103027 | 16.926  | ug/l | 99     |
| 18) Methyl Acetate            | 4.67 | 43  | 20657  | 18.458  | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 5.43 | 73  | 63384  | 20.236  | ug/l | 98     |
| 20) Methylene Chloride        | 4.92 | 84  | 47486  | 21.372  | ug/l | 92     |
| 21) trans-1,2-Dichloroethene  | 5.42 | 96  | 42784  | 19.497  | ug/l | 93     |
| 22) Diisopropyl ether         | 6.31 | 45  | 120469 | 18.769  | ug/l | 99     |
| 23) Vinyl Acetate             | 6.26 | 43  | 365880 | 92.618  | ug/l | 97     |
| 24) 1,1-Dichloroethane        | 6.22 | 63  | 74341  | 18.927  | ug/l | 99     |
| 25) 2-Butanone                | 7.18 | 43  | 63860  | 101.240 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 7.17 | 77  | 49048  | 17.743  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96  | 49774  | 20.057  | ug/l | 96     |
| 28) Bromochloromethane        | 7.51 | 49  | 30031  | 20.714  | ug/l | 94     |
| 29) Tetrahydrofuran           | 7.53 | 42  | 39105  | 98.071  | ug/l | 96     |
| 30) Chloroform                | 7.68 | 83  | 80777  | 20.022  | ug/l | 100    |
| 31) Cyclohexane               | 7.95 | 56  | 68065  | 17.511  | ug/l | 97     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97  | 68409  | 19.040  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 8.09 | 75  | 61037  | 18.779  | ug/l | 99     |
| 37) Ethyl Acetate             | 7.26 | 43  | 27575  | 20.034  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 65853  | 18.858  | ug/l | 98     |

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 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
 APPROVED

apatel  
 10/10/2018 11:34:42 AM

Quant Time: Oct 10 01:19:19 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W100818S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 09 02:14:04 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 77007    | 17.963  | ug/l   | 99       |
| 40) Benzene                    | 8.32  | 78   | 171681   | 19.299  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.49  | 41   | 16774    | 19.466  | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 51690    | 19.233  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 8.43  | 43   | 53764    | 18.699  | ug/l   | 98       |
| 44) Trichloroethene            | 9.09  | 130  | 51344    | 19.893  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 42178    | 18.942  | ug/l   | 99       |
| 46) Dibromomethane             | 9.46  | 93   | 24446    | 19.975  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.65  | 83   | 58720    | 19.067  | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.44  | 41   | 25117    | 18.338  | ug/l   | 92       |
| 49) 1,4-Dioxane                | 9.45  | 88   | 8845     | 475.811 | ug/l # | 92       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 138656   | 99.033  | ug/l   | 98       |
| 52) Toluene                    | 10.39 | 92   | 113718   | 19.459  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 56924    | 17.687  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 66249    | 18.312  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 34776    | 20.516  | ug/l   | 100      |
| 56) Ethyl methacrylate         | 10.65 | 69   | 44176    | 19.336  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 56495    | 19.811  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 88591    | 95.300  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.97 | 43   | 96847    | 96.471  | ug/l   | 97       |
| 60) Dibromochloromethane       | 11.13 | 129  | 42276    | 19.327  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 34739    | 20.509  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.87 | 164  | 47162    | 20.393  | ug/l   | 100      |
| 65) Chlorobenzene              | 11.66 | 112  | 132698   | 19.954  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 47536    | 19.501  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.74 | 91   | 229148   | 19.508  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.84 | 106  | 179006   | 38.995  | ug/l   | 98       |
| 69) o-Xylene                   | 12.17 | 106  | 86239    | 19.623  | ug/l   | 99       |
| 70) Styrene                    | 12.18 | 104  | 142841   | 19.590  | ug/l   | 99       |
| 71) Bromoform                  | 12.35 | 173  | 26843    | 18.487  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.47 | 105  | 239235   | 18.928  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.27 | 43   | 55065    | 18.344  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.72 | 83   | 41672    | 20.115  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 31370m   | 20.292  | ug/l   |          |
| 77) Bromobenzene               | 12.75 | 156  | 59983    | 20.031  | ug/l   | 95       |
| 78) n-propylbenzene            | 12.81 | 91   | 279655   | 18.809  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 158503   | 18.885  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 12.95 | 105  | 202892   | 19.014  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75   | 11309    | 15.443  | ug/l   | 93       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 168414   | 19.072  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 13.21 | 119  | 182407   | 19.219  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 208478   | 19.368  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.39 | 105  | 258570   | 19.409  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.51 | 119  | 230368   | 19.229  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.51 | 146  | 120486   | 20.253  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 118997   | 20.129  | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.83 | 91   | 213424   | 18.899  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.10 | 117  | 39642    | 17.593  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.88 | 146  | 108840   | 20.607  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 7140     | 18.494  | ug/l   | 93       |

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Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1010SBS01

Manual Integrations  
APPROVED

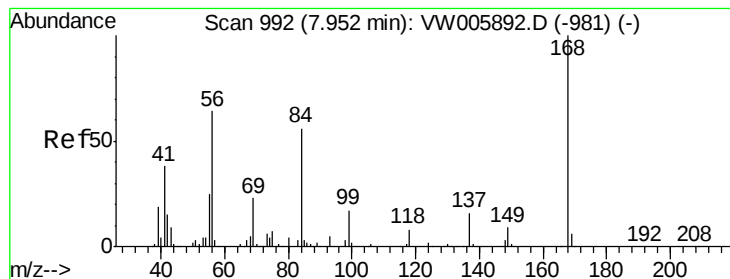
apatel  
10/10/2018 11:34:42 AM

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Quant Title : SW846 8260  
QLast Update : Tue Oct 09 02:14:04 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.14 | 180  | 82399    | 20.120 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 48616    | 19.018 | ug/l  | 99       |
| 95) Naphthalene            | 15.38 | 128  | 145506   | 20.612 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.57 | 180  | 72504    | 20.446 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA\_W

ClientSampleId :

VW1010SBS01

Tot Ion:168 Resp: 228711

Ion Ratio Lower Upper

168 100

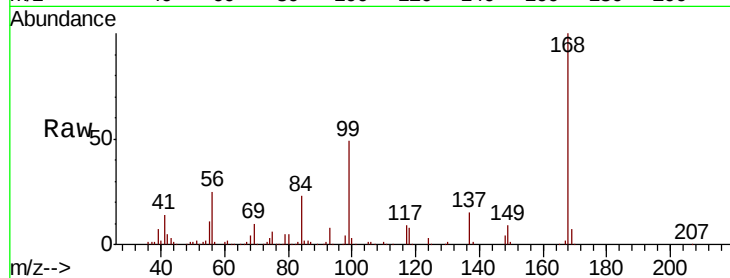
99 49.1 40.9 61.3

Manual Integrations

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10/10/2018 11:34:42 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

120000

100000

80000

60000

40000

20000

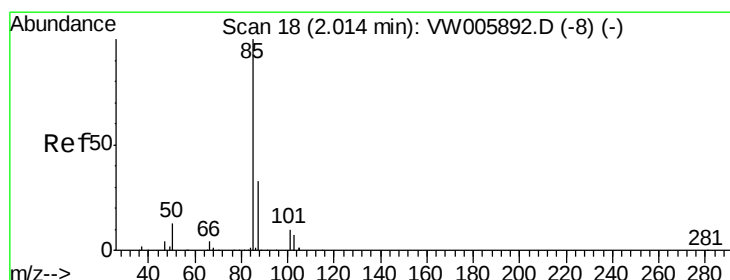
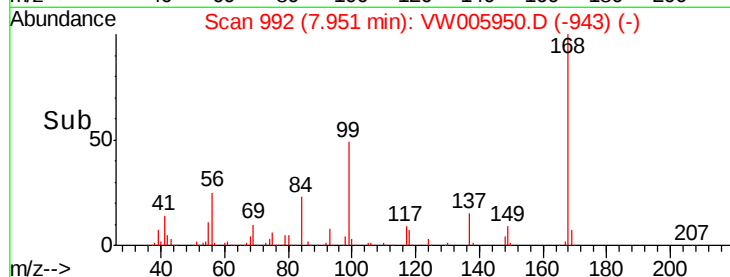
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 19.018 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW005950.D

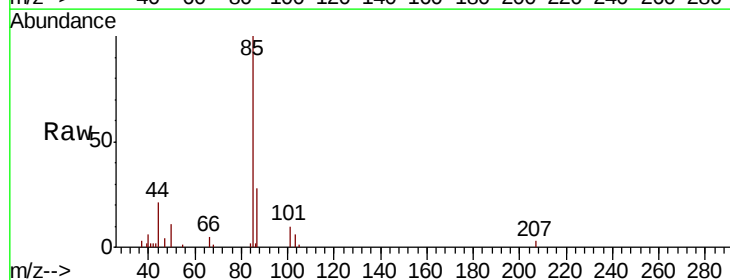
Acq: 09 Oct 2018 21:04

Tgt Ion: 85 Resp: 21315

Ion Ratio Lower Upper

85 100

87 27.9 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

6000

4000

2000

0

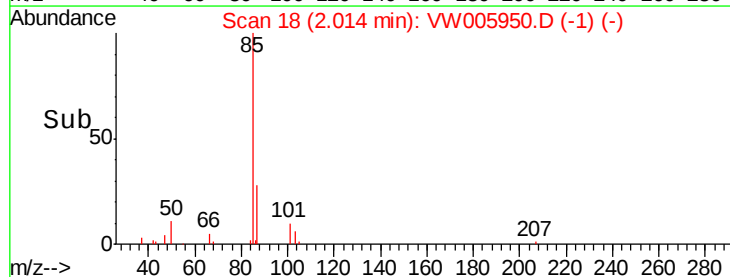
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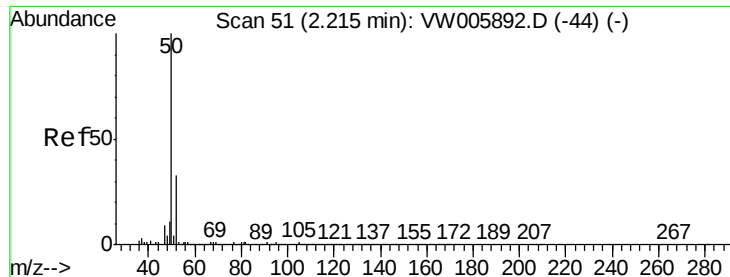
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 19.489 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA\_W

ClientSampleId :

VW1010SBS01

Tot Ion: 50 Resp: 25693

Ion Ratio Lower Upper

50 100

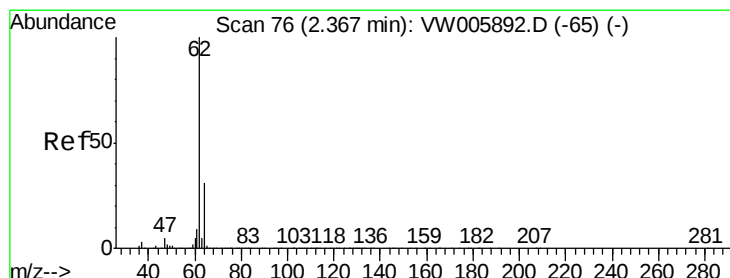
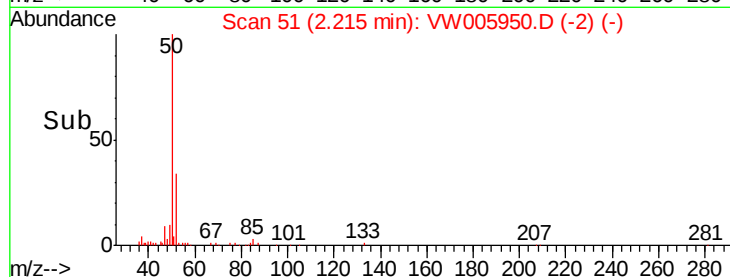
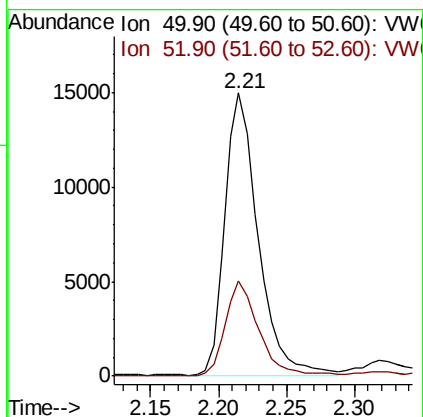
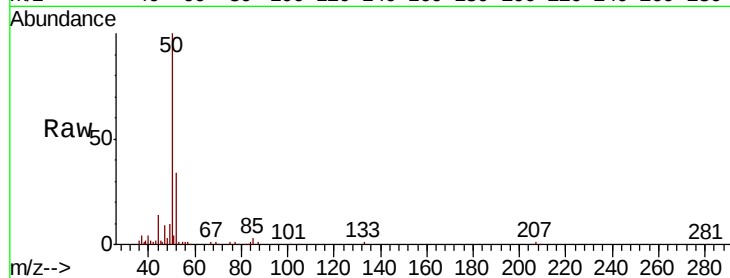
52 33.7 26.7 40.1

Manual Integrations

APPROVED

apatel

10/10/2018 11:34:42 AM



#4

Vinyl Chloride

Concen: 20.749 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005950.D

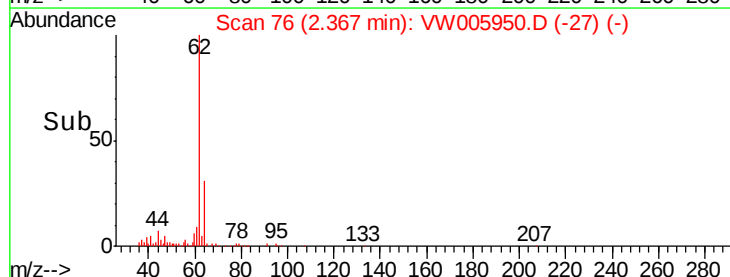
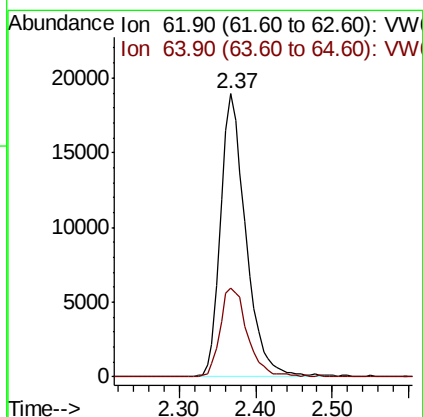
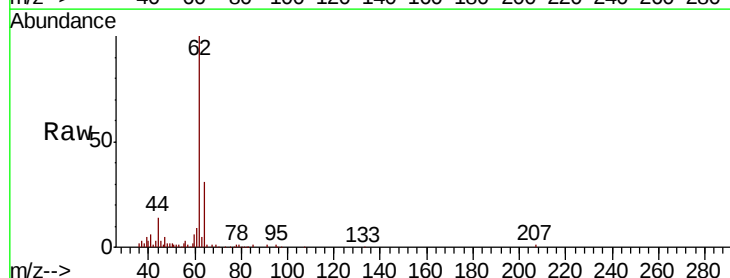
Acq: 09 Oct 2018 21:04

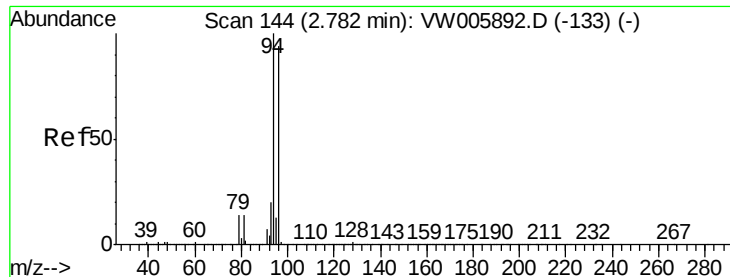
Tgt Ion: 62 Resp: 43427

Ion Ratio Lower Upper

62 100

64 31.2 24.6 36.8





#5

Bromomethane

Concen: 22.704 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA\_W

ClientSampleId :

VW1010SBS01

Tot Ion: 94 Resp: 37502

Ion Ratio Lower Upper

94 100

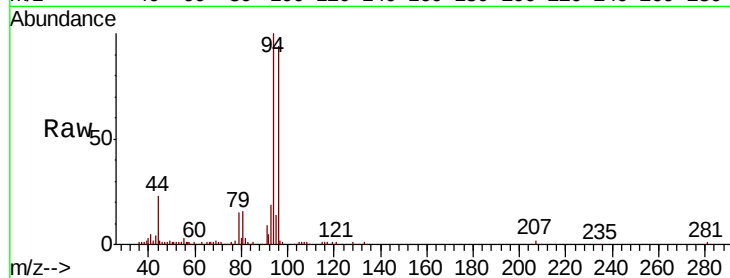
96 94.1 75.0 112.4

Manual Integrations

APPROVED

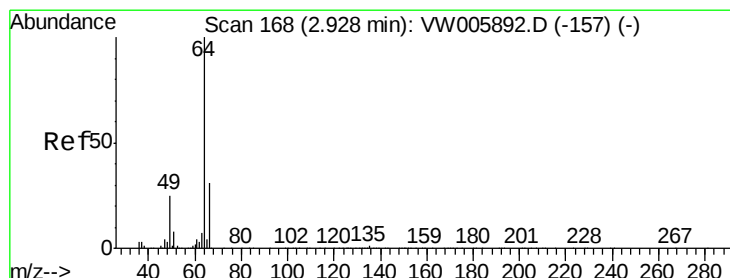
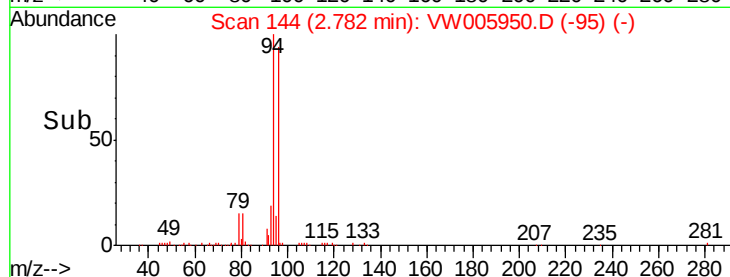
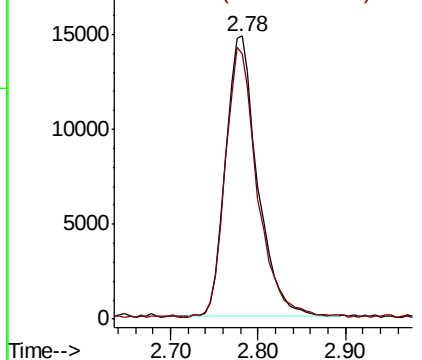
apatel

10/10/2018 11:34:42 AM



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 21.965 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW005950.D

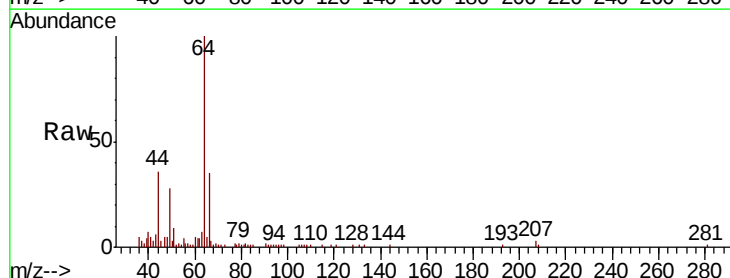
Acq: 09 Oct 2018 21:04

Tgt Ion: 64 Resp: 29289

Ion Ratio Lower Upper

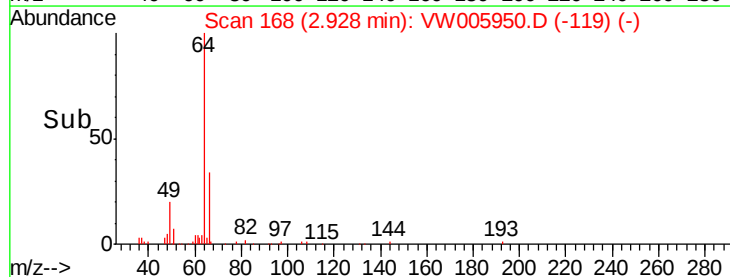
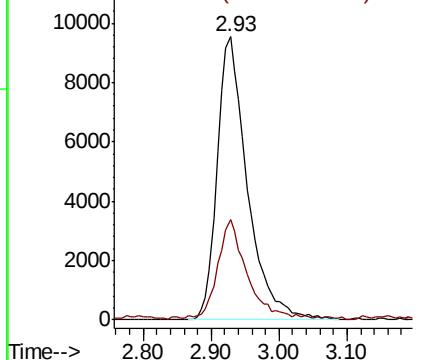
64 100

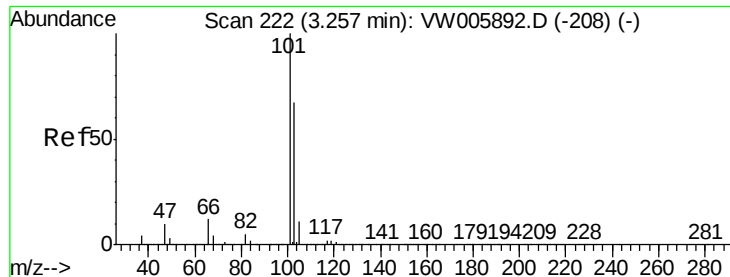
66 34.4 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

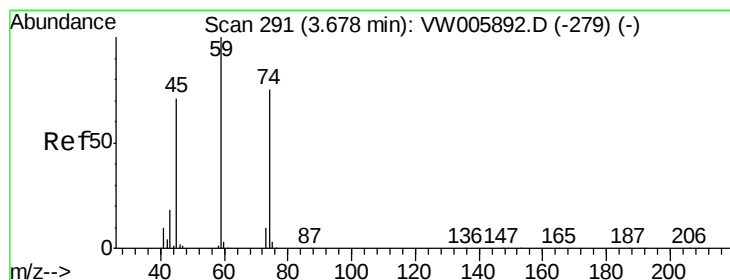
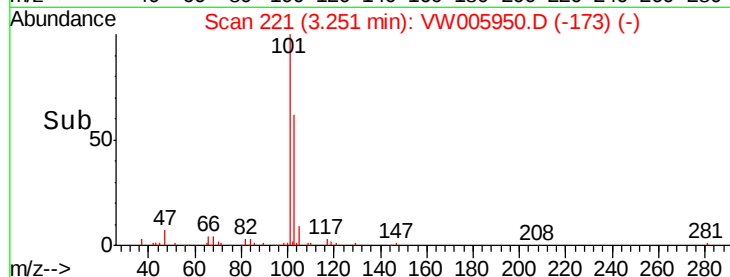
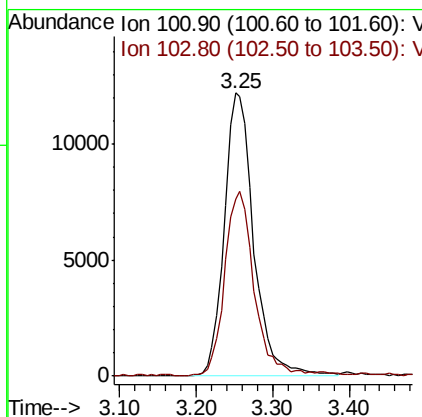
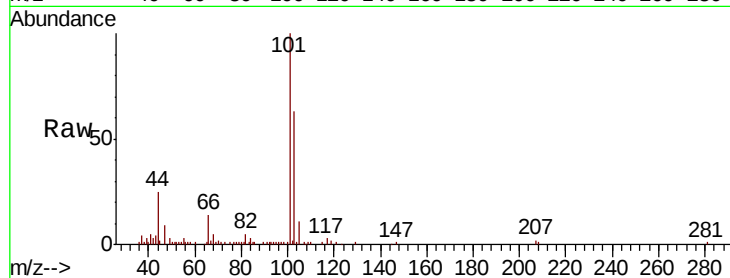
Trichlorofluoromethane  
 Concen: 19.533 ug/l  
 RT: 3.25 min Scan# 221  
 Delta R.T. -0.01 min  
 Lab File: VW005950.D  
 Acq: 09 Oct 2018 21:04

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1010SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 62.7  | 53.5  | 80.3  |

Manual Integrations  
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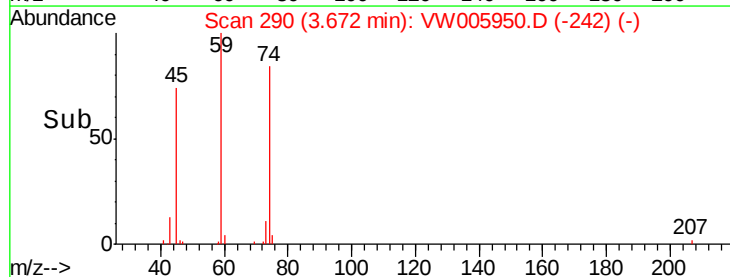
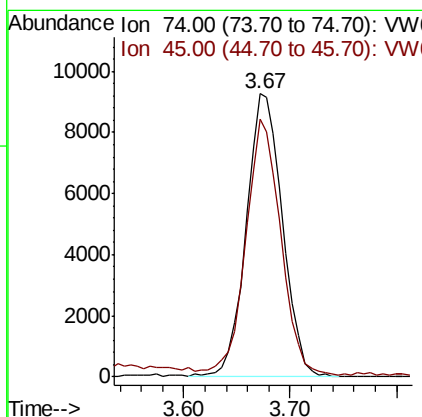
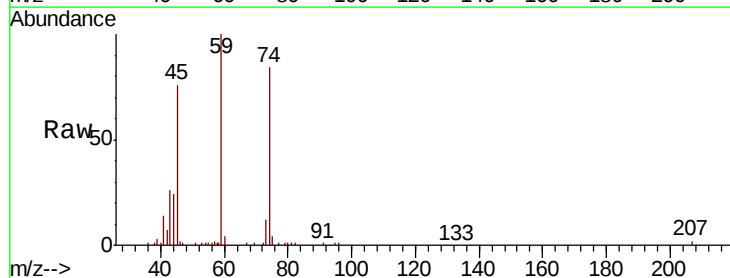
apatel  
 10/10/2018 11:34:42 AM

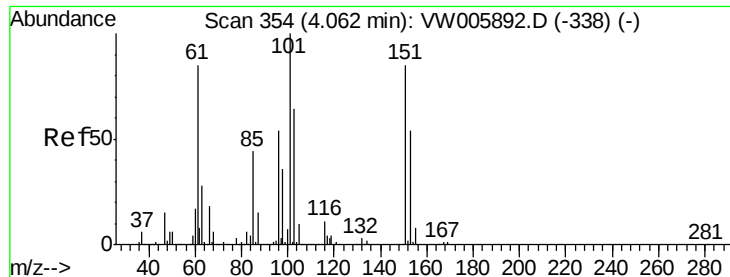


#8

Diethyl Ether  
 Concen: 21.615 ug/l  
 RT: 3.67 min Scan# 290  
 Delta R.T. -0.01 min  
 Lab File: VW005950.D  
 Acq: 09 Oct 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 86.8  | 46.8  | 140.4 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.997 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA\_W

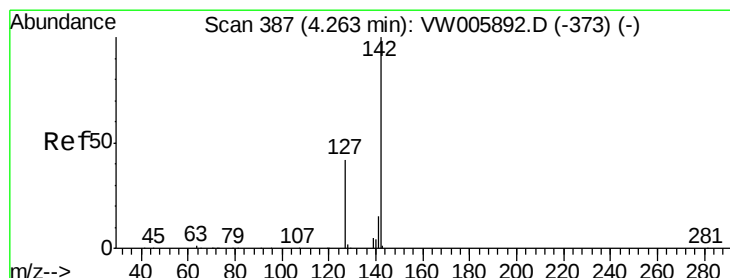
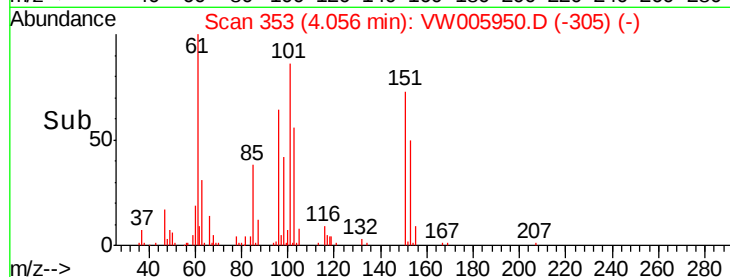
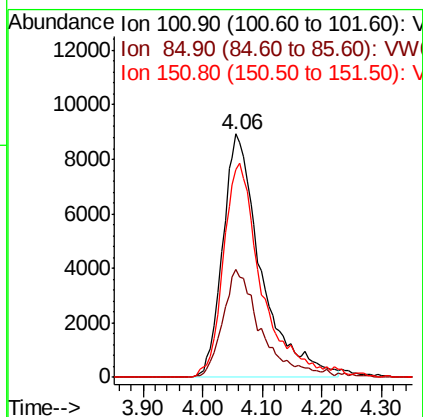
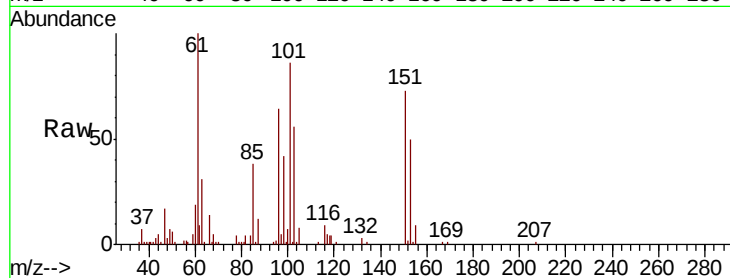
ClientSampleId :

VW1010SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 39830 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 43.9  | 35.1  | 52.7  |
| 151       | 86.3  | 67.7  | 101.5 |

Manual Integrations  
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#10

Methyl Iodide

Concen: 19.325 ug/l

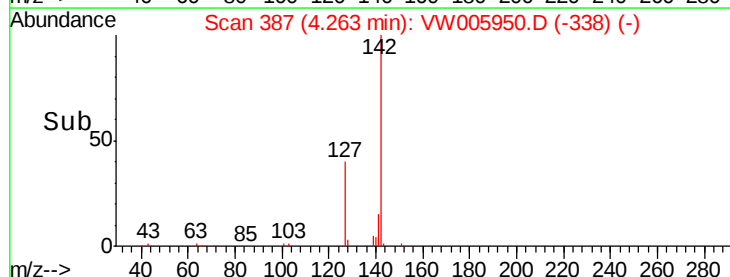
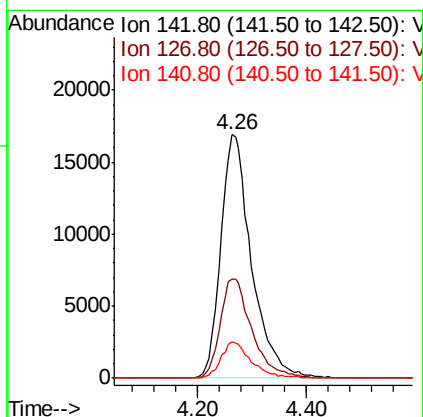
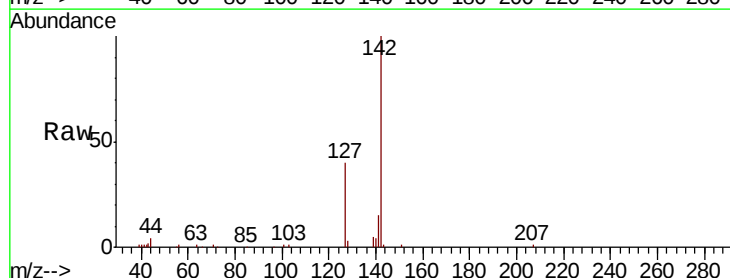
RT: 4.26 min Scan# 387

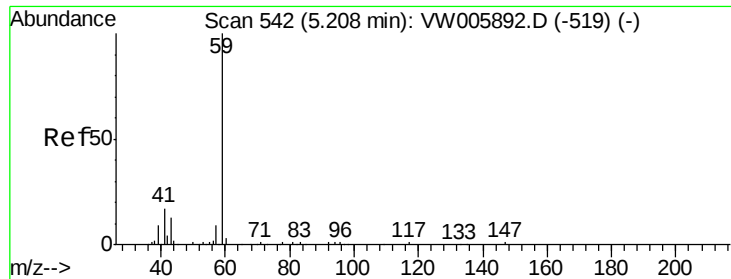
Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 66264 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 41.9  | 33.7  | 50.5  |
| 141       | 14.4  | 11.5  | 17.3  |





#11

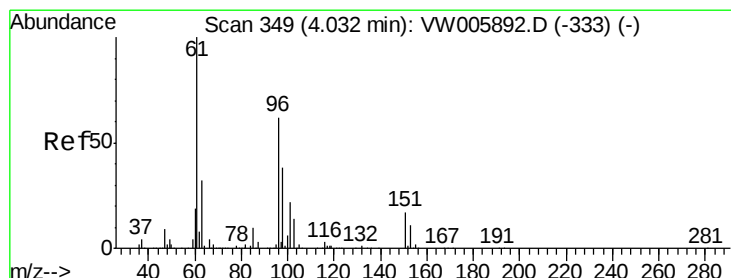
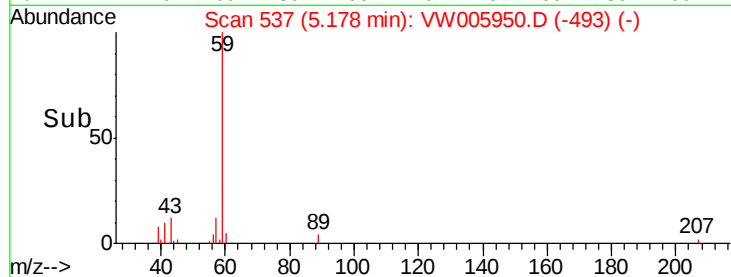
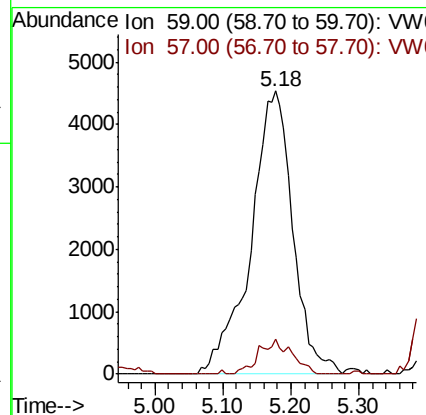
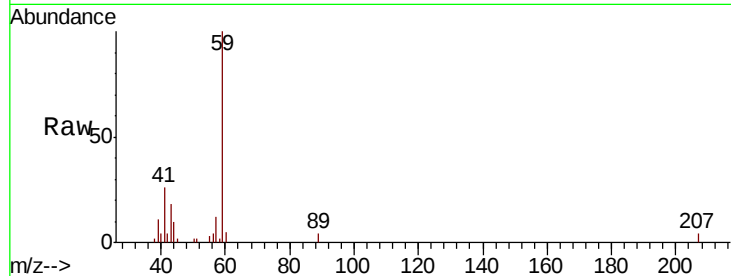
Tert butyl alcohol  
Concen: 119.869 ug/l  
RT: 5.18 min Scan# 537  
Delta R.T. -0.03 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1010SBS01

| Tot Ion | 59  | 57  | Ratio | 100 | 9.7 | Resp | 19505 | Lower | Upper |
|---------|-----|-----|-------|-----|-----|------|-------|-------|-------|
| 59      | 100 |     |       |     |     |      |       |       |       |
| 57      |     | 9.7 |       |     |     |      |       | 7.7   | 11.5  |

Manual Integrations  
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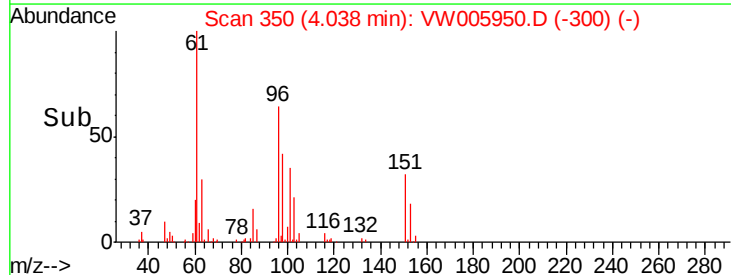
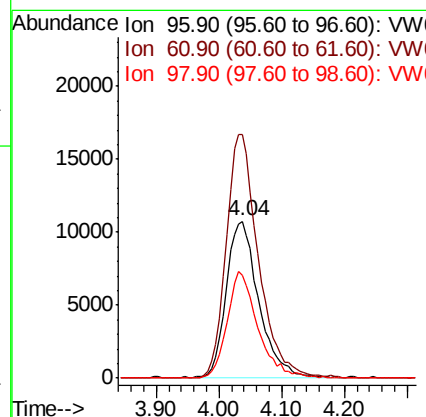
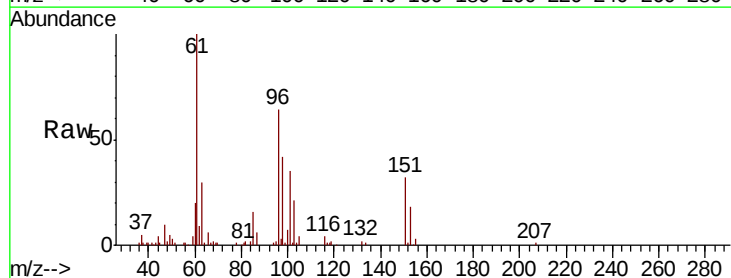
apatel  
10/10/2018 11:34:42 AM



#12

1,1-Dichloroethene  
Concen: 19.227 ug/l  
RT: 4.04 min Scan# 350  
Delta R.T. 0.01 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

| Tgt Ion | 96  | 61    | 98 | Ratio | 100 | 155.4 | 65.9 | Resp | 38710 | Lower | Upper |
|---------|-----|-------|----|-------|-----|-------|------|------|-------|-------|-------|
| 96      | 100 |       |    |       |     |       |      |      |       |       |       |
| 61      |     | 155.4 |    |       |     |       |      |      |       | 128.6 | 193.0 |
| 98      |     | 65.9  |    |       |     |       |      |      |       | 49.4  | 74.0  |





#13

Acrolein

Concen: 93.982 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA\_W

ClientSampleId :

VW1010SBS01

Tot Ion: 56 Resp: 13628

Ion Ratio Lower Upper

56 100

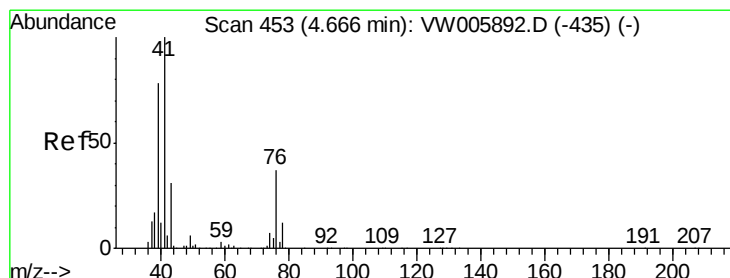
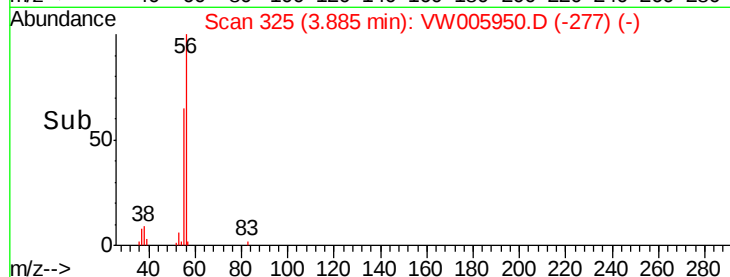
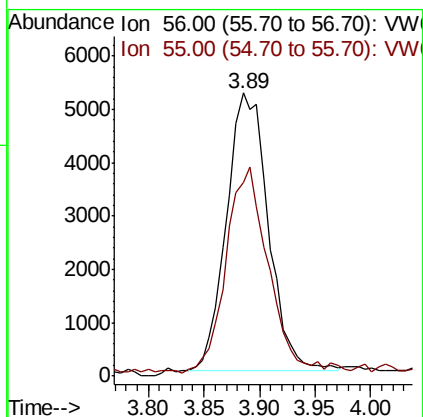
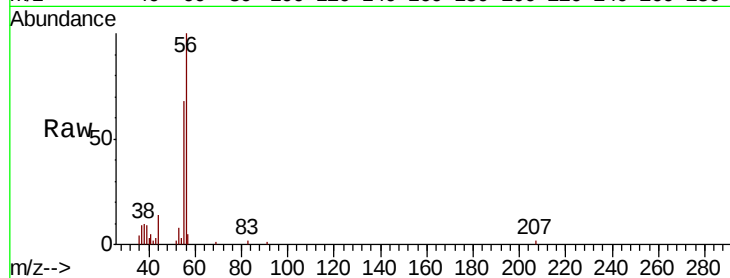
55 74.3 54.6 82.0

Manual Integrations

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#14

Allyl chloride

Concen: 16.616 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

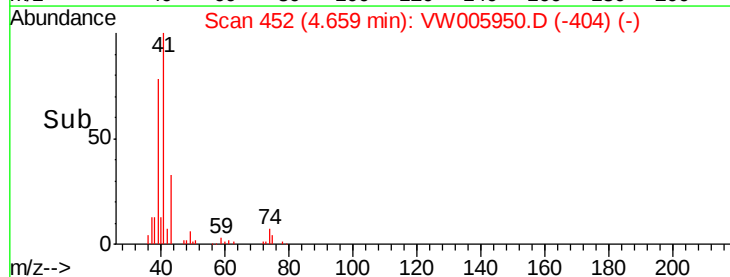
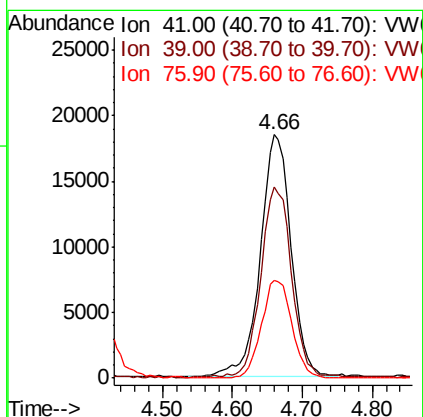
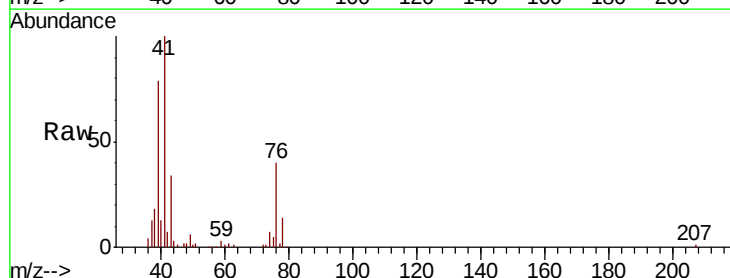
Tgt Ion: 41 Resp: 57049

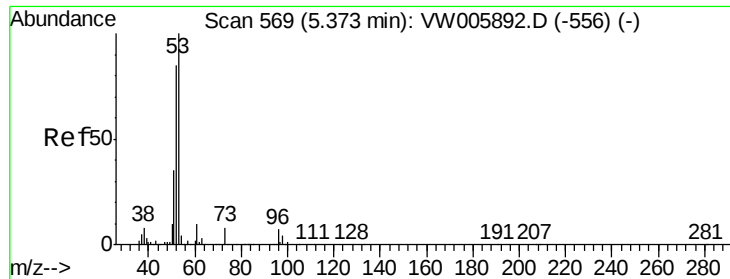
Ion Ratio Lower Upper

41 100

39 79.9 60.8 91.2

76 39.7 29.6 44.4





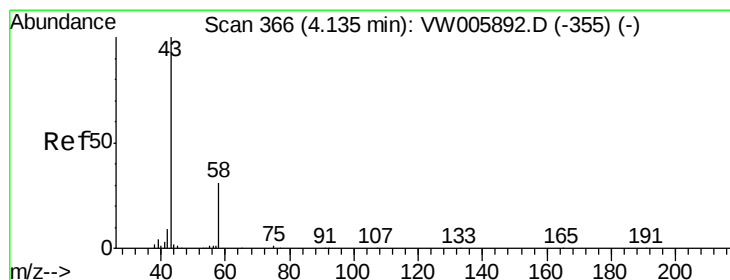
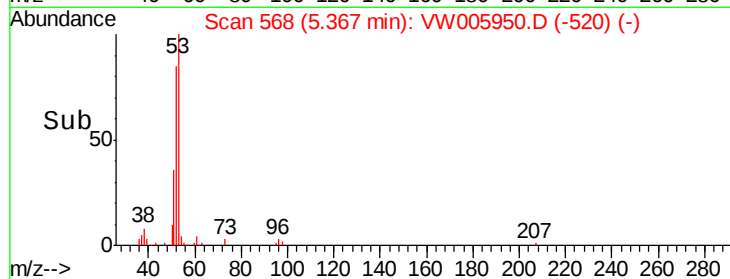
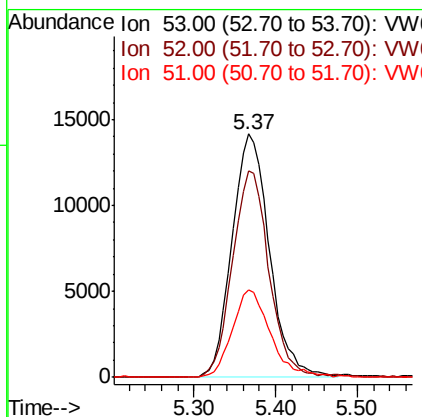
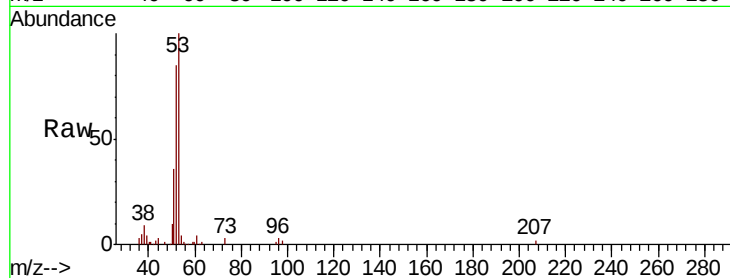
#15  
 Acrylonitrile  
 Concen: 101.215 ug/l  
 RT: 5.37 min Scan# 568  
 Delta R.T. -0.01 min  
 Lab File: VW005950.D  
 Acq: 09 Oct 2018 21:04

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1010SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 45038 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 83.0  | 66.8  | 100.2 |
| 51       | 36.3  | 29.8  | 44.6  |

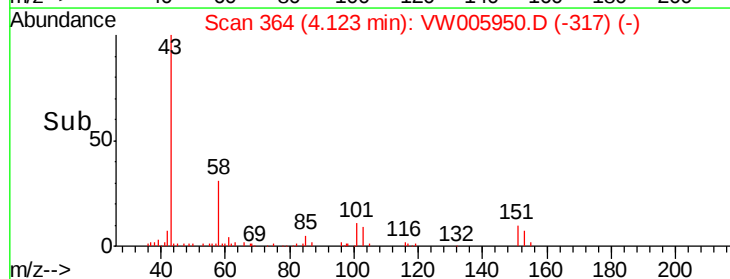
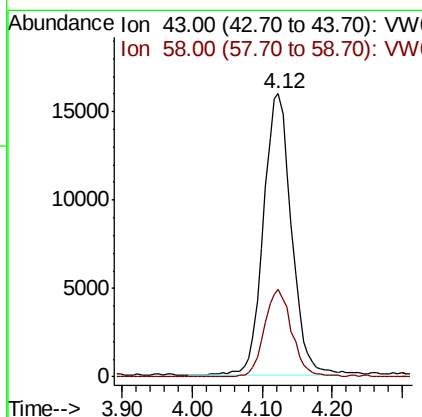
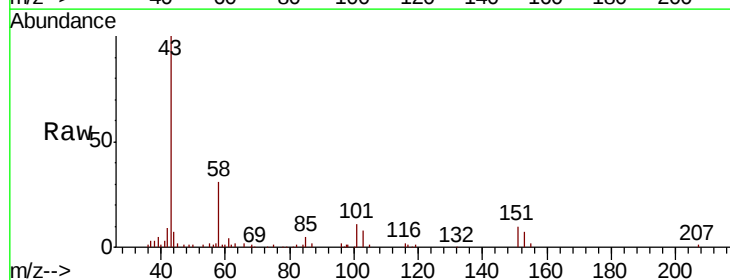
Manual Integrations  
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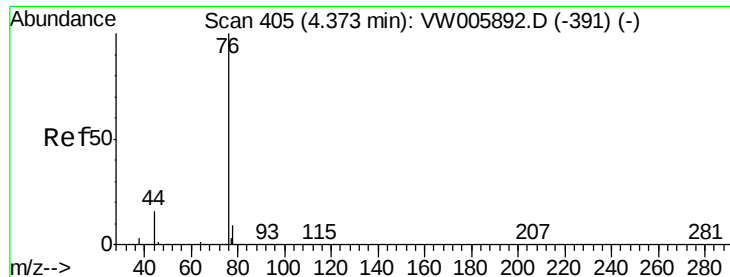
apatel  
 10/10/2018 11:34:42 AM



#16  
 Acetone  
 Concen: 100.457 ug/l  
 RT: 4.12 min Scan# 364  
 Delta R.T. -0.01 min  
 Lab File: VW005950.D  
 Acq: 09 Oct 2018 21:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 44551 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 31.3  | 24.7  | 37.1  |





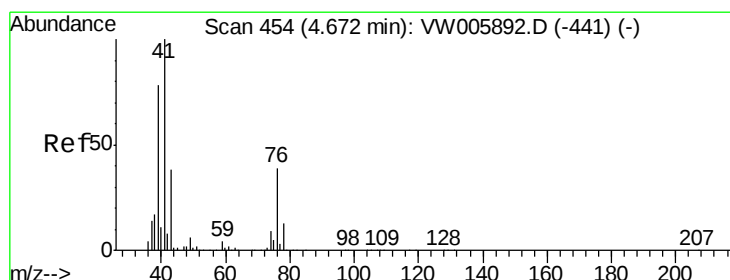
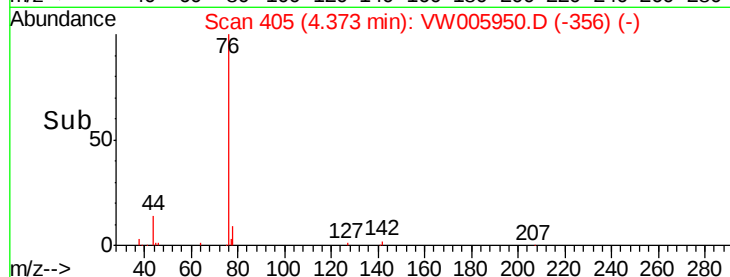
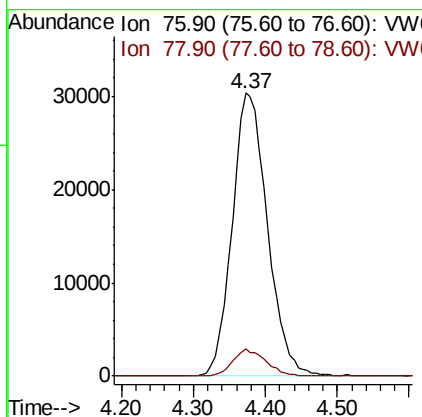
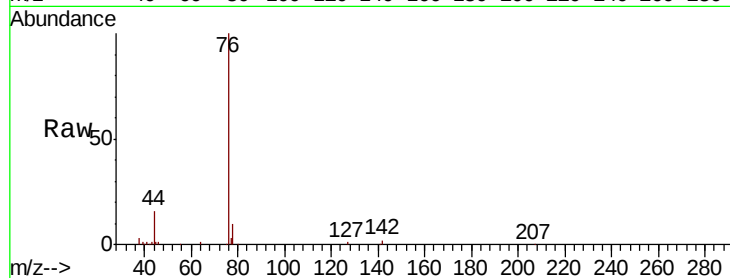
#17  
Carbon Disulfide  
Concen: 16.926 ug/l  
RT: 4.37 min Scan# 405  
Delta R.T. -0.00 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1010SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.6   | 7.4   | 11.0  |

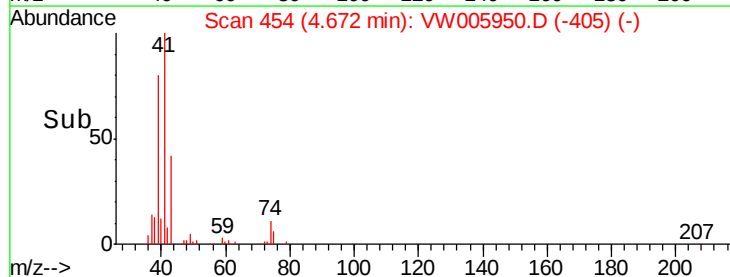
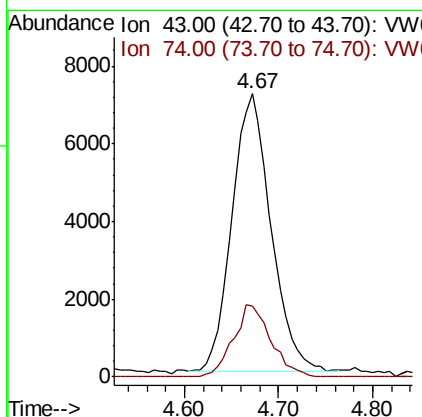
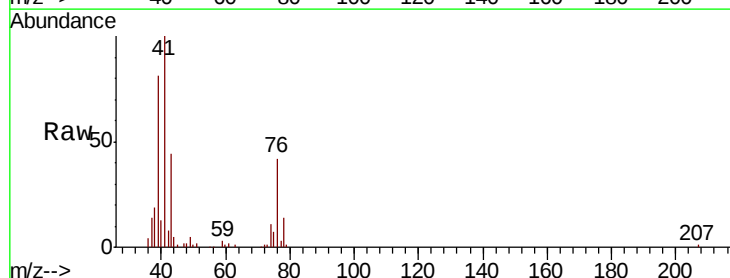
Manual Integrations  
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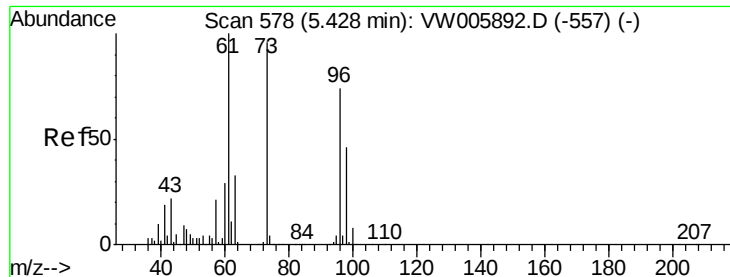
apatel  
10/10/2018 11:34:42 AM



#18  
Methyl Acetate  
Concen: 18.458 ug/l  
RT: 4.67 min Scan# 454  
Delta R.T. -0.00 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 24.9  | 19.2  | 28.8  |





#19

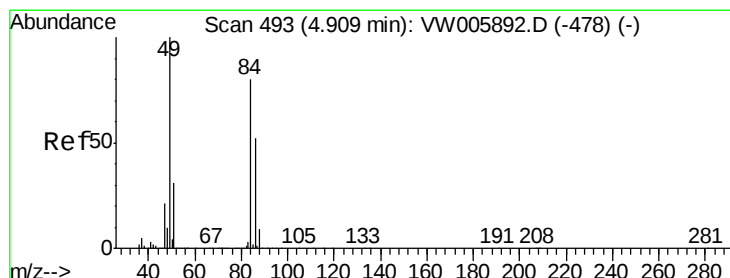
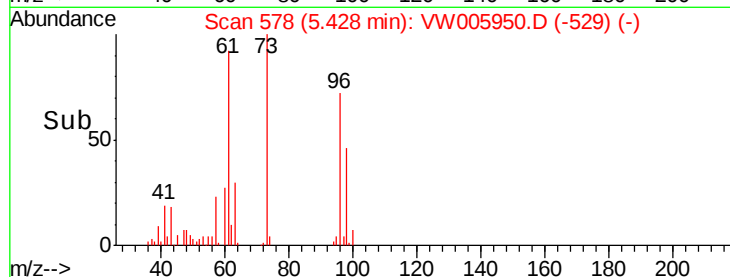
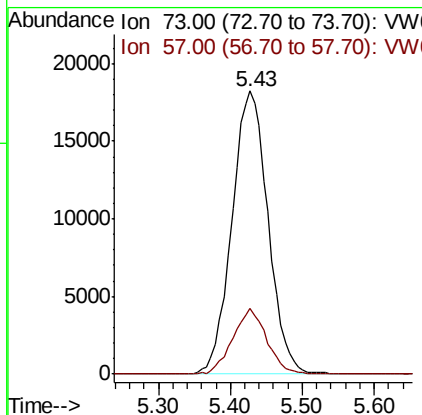
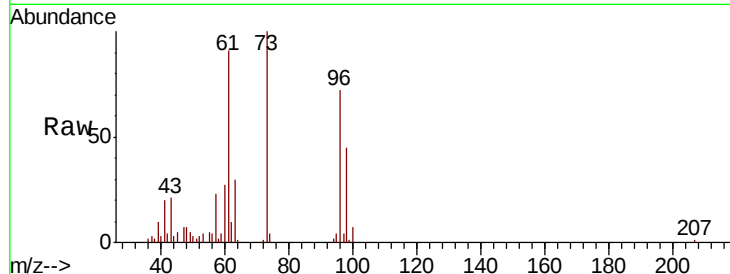
Methyl tert-butyl Ether  
 Concen: 20.236 ug/l  
 RT: 5.43 min Scan# 578  
 Delta R.T. -0.00 min  
 Lab File: VW005950.D  
 Acq: 09 Oct 2018 21:04

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1010SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 23.3  | 17.7  | 26.5  |

Manual Integrations  
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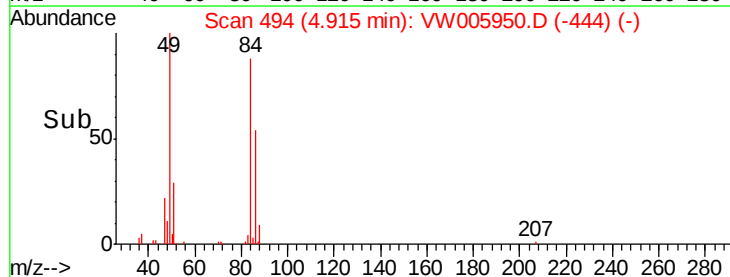
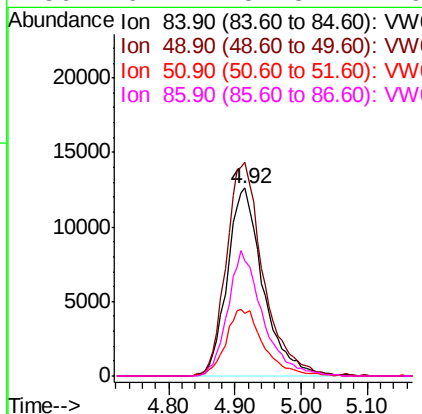
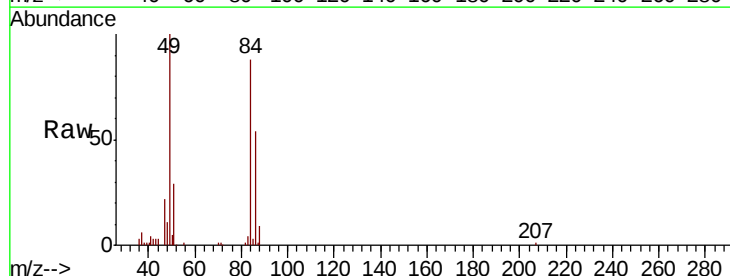
apatel  
 10/10/2018 11:34:42 AM

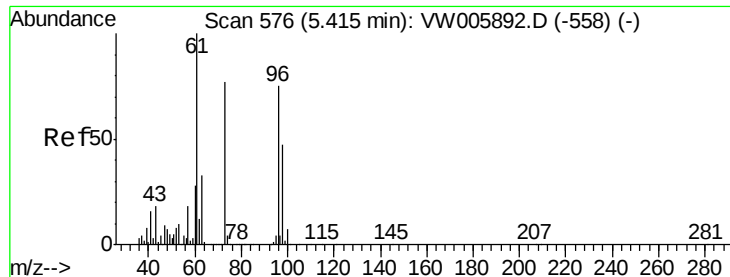


#20

Methylene Chloride  
 Concen: 21.372 ug/l  
 RT: 4.92 min Scan# 494  
 Delta R.T. 0.01 min  
 Lab File: VW005950.D  
 Acq: 09 Oct 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 113.6 | 99.9  | 149.9 |
| 51      | 33.3  | 31.1  | 46.7  |
| 86      | 61.4  | 51.8  | 77.6  |





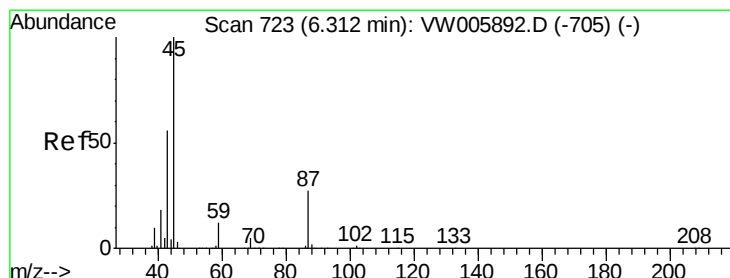
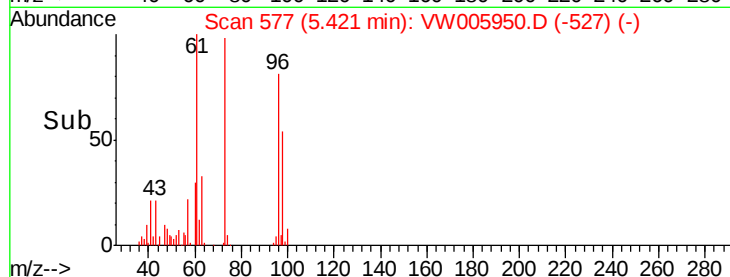
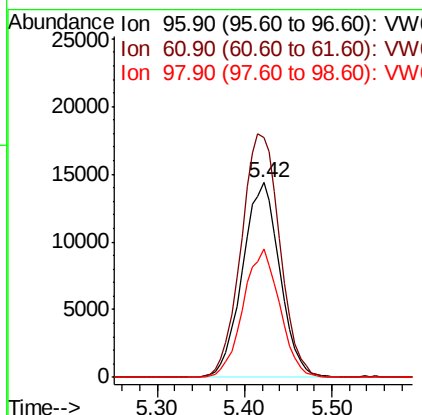
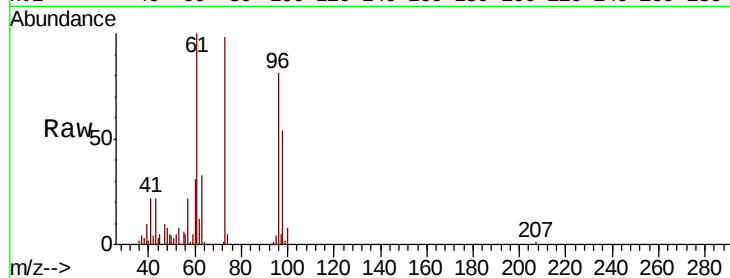
#21  
trans-1,2-Dichloroethene  
Concen: 19.497 ug/l  
RT: 5.42 min Scan# 577  
Delta R.T. 0.01 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1010SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 123.2 | 107.4 | 161.0 |
| 98      | 65.9  | 50.8  | 76.2  |

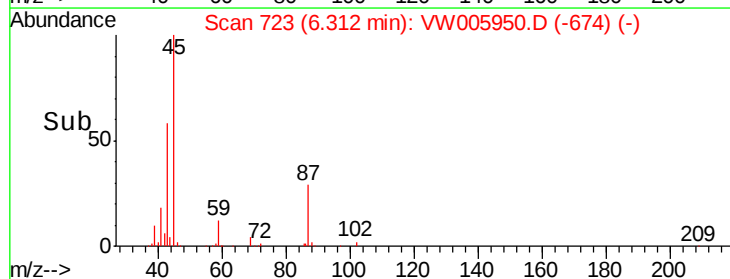
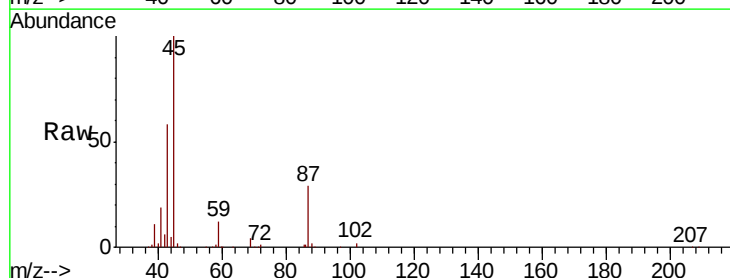
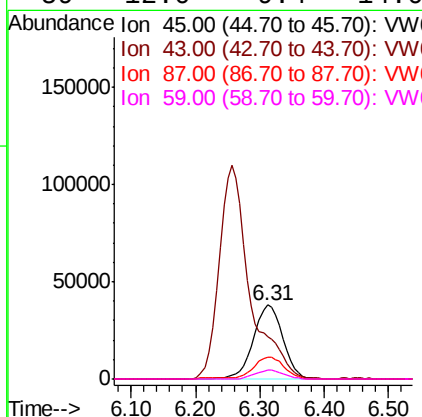
Manual Integrations  
APPROVED

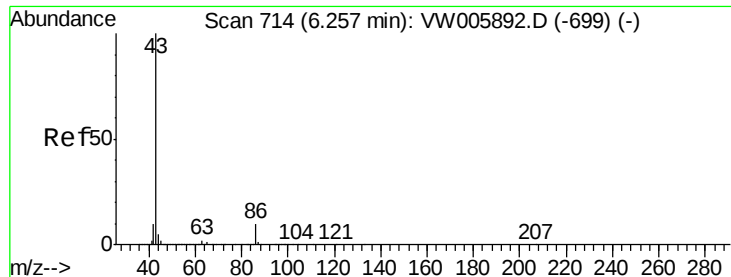
apatel  
10/10/2018 11:34:42 AM



#22  
Diisopropyl ether  
Concen: 18.769 ug/l  
RT: 6.31 min Scan# 723  
Delta R.T. -0.00 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 57.8  | 45.9  | 68.9  |
| 87      | 29.4  | 22.2  | 33.4  |
| 59      | 12.0  | 9.4   | 14.0  |





#23

Vinyl Acetate

Concen: 92.618 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA\_W

ClientSampleId :

VW1010SBS01

Tot Ion: 43 Resp: 365880

Ion Ratio Lower Upper

43 100

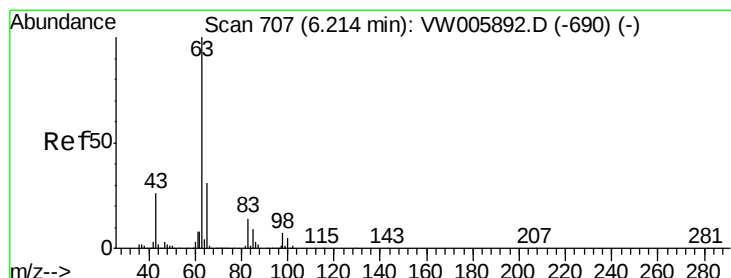
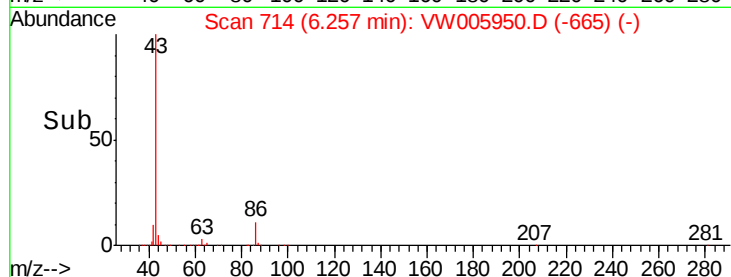
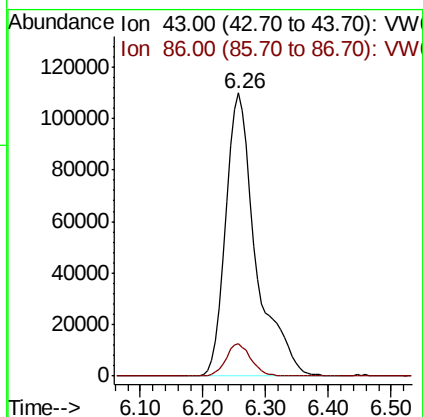
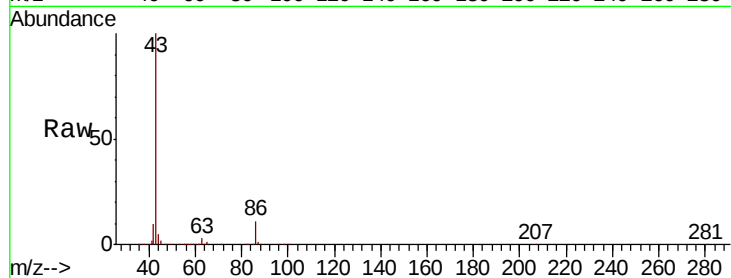
86 11.3 8.2 12.4

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#24

1,1-Dichloroethane

Concen: 18.927 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

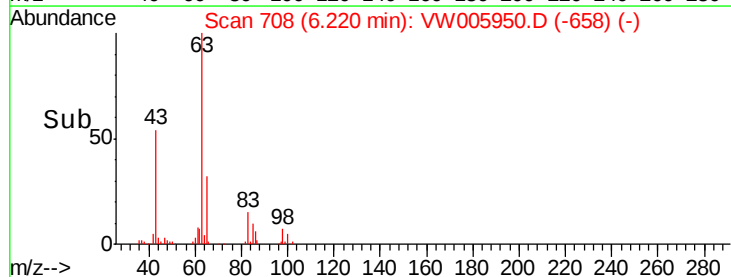
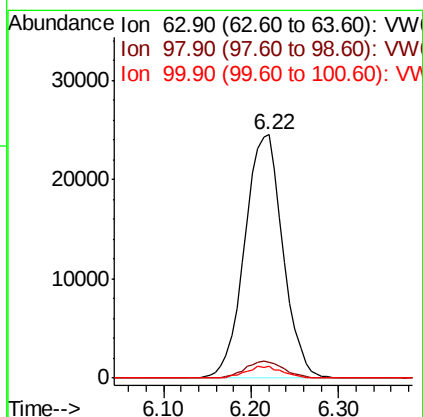
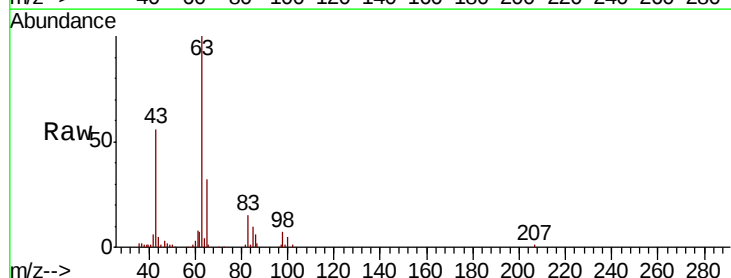
Tgt Ion: 63 Resp: 74341

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.6

100 5.0 2.4 7.1





#25

2-Butanone

Concen: 101.240 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA\_W

ClientSampleId :

VW1010SBS01

Tot Ion: 43 Resp: 63860

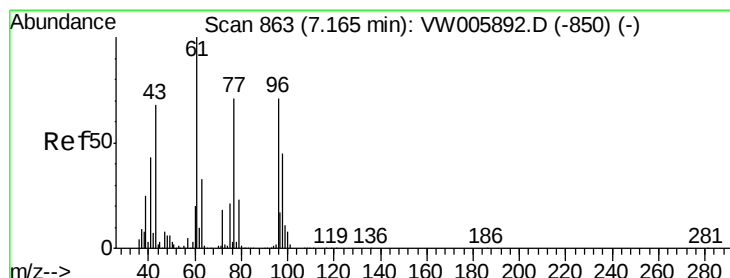
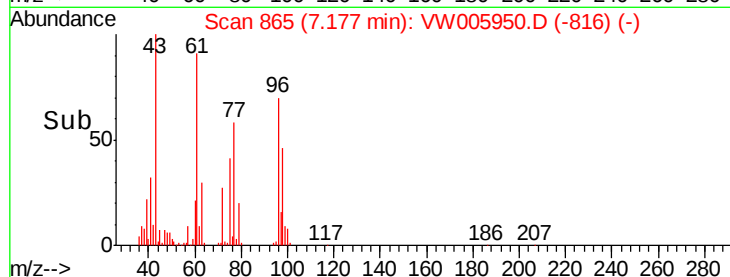
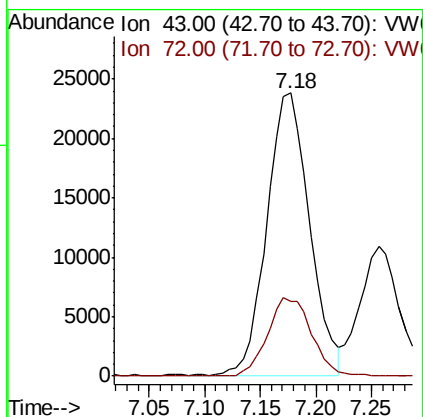
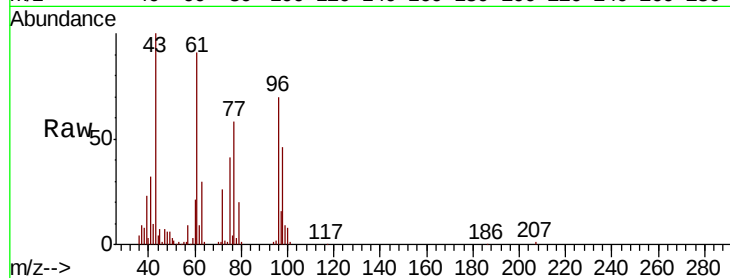
Ion Ratio Lower Upper

43 100

72 26.5 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 17.743 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW005950.D

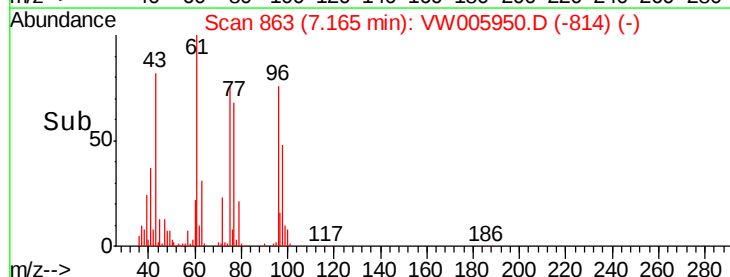
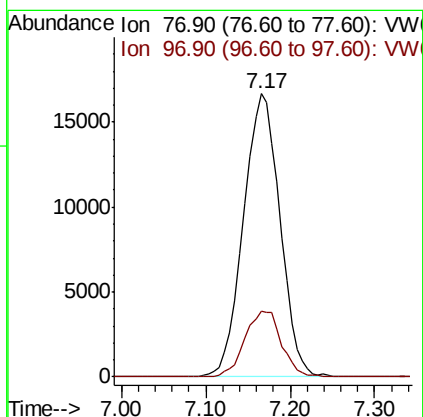
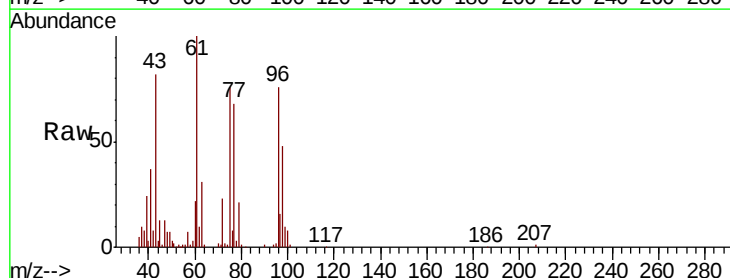
Acq: 09 Oct 2018 21:04

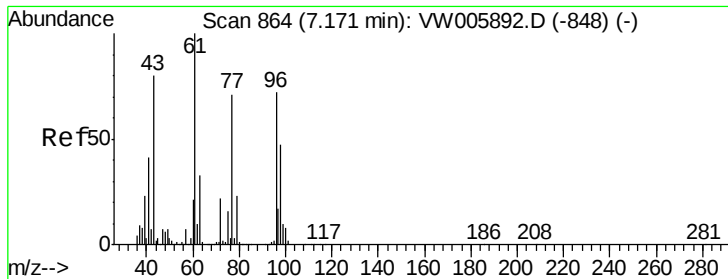
Tgt Ion: 77 Resp: 49048

Ion Ratio Lower Upper

77 100

97 23.4 11.9 35.7





#27

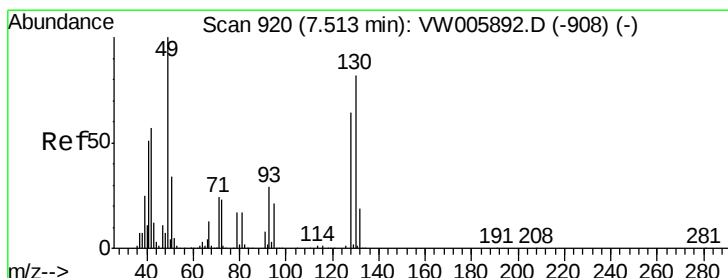
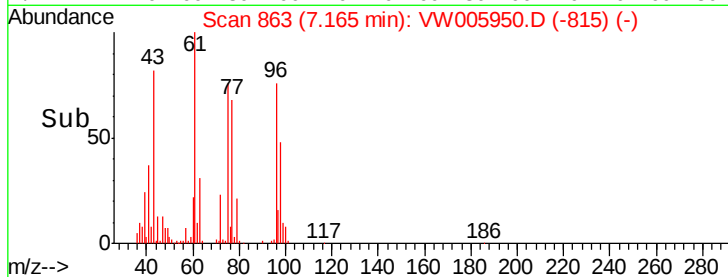
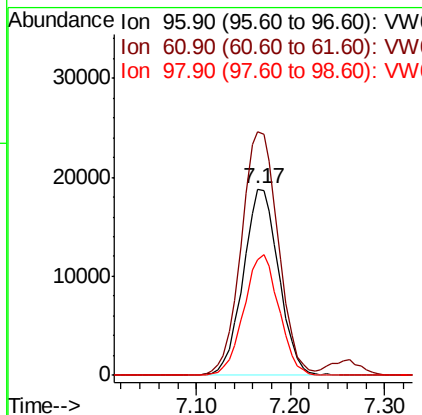
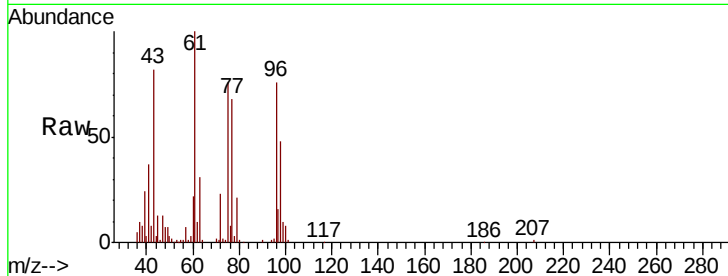
cis-1,2-Dichloroethene  
Concen: 20.057 ug/l  
RT: 7.17 min Scan# 863  
Delta R.T. -0.01 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1010SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 135.9 | 0.0   | 284.0 |
| 98      | 63.9  | 0.0   | 129.8 |

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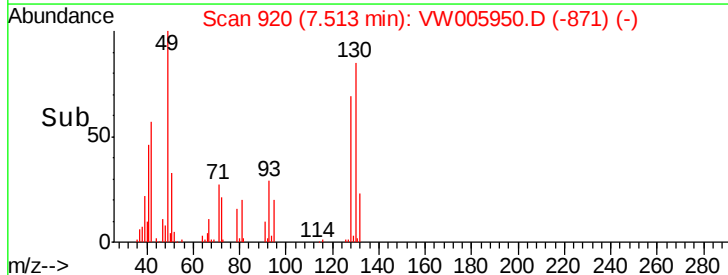
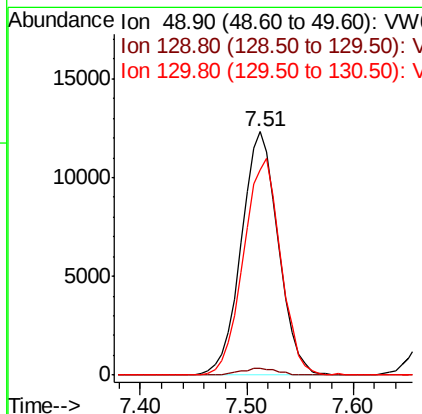
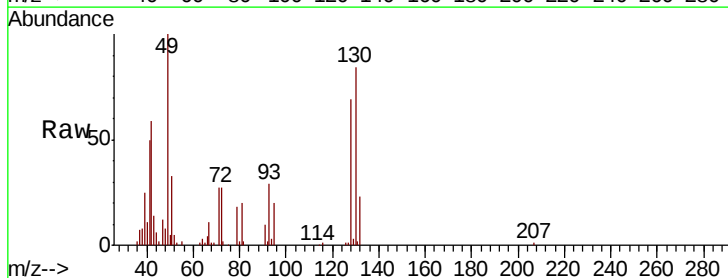
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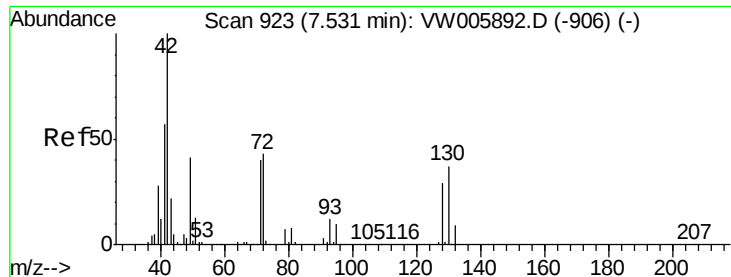


#28

Bromochloromethane  
Concen: 20.714 ug/l  
RT: 7.51 min Scan# 920  
Delta R.T. -0.00 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.6   | 0.0   | 5.0   |
| 130     | 89.2  | 66.9  | 100.3 |





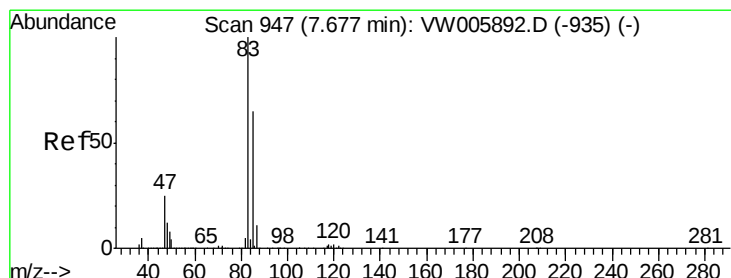
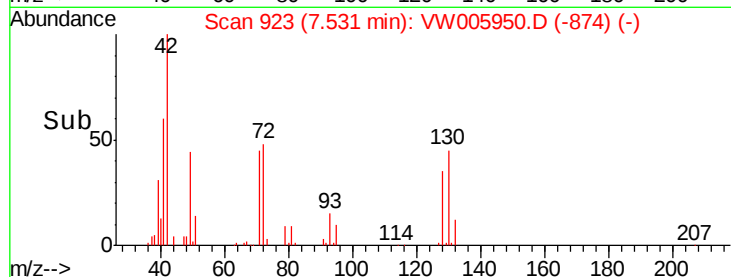
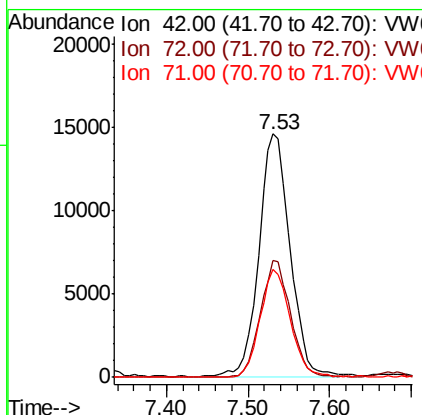
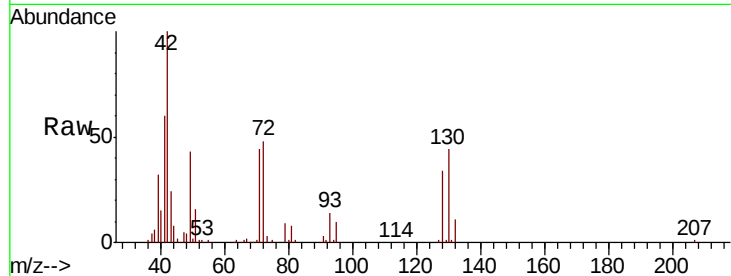
#29  
Tetrahydrofuran  
Concen: 98.071 ug/l  
RT: 7.53 min Scan# 923  
Delta R.T. -0.00 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1010SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 45.9  | 34.6  | 51.8  |
| 71      | 42.7  | 32.6  | 49.0  |

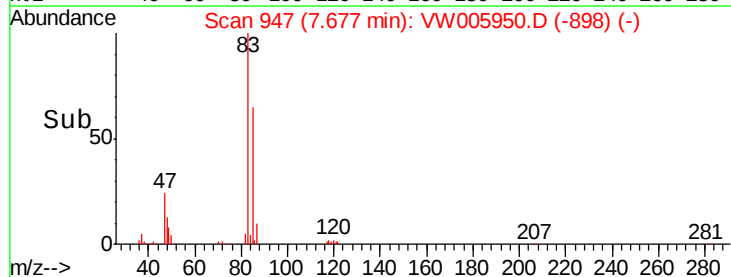
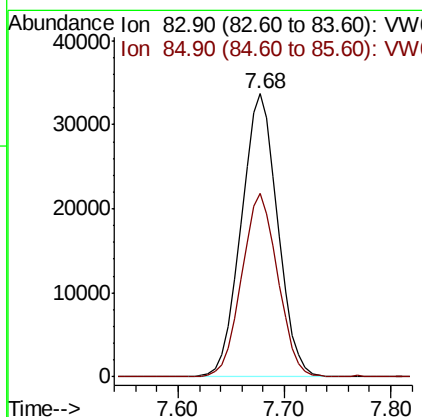
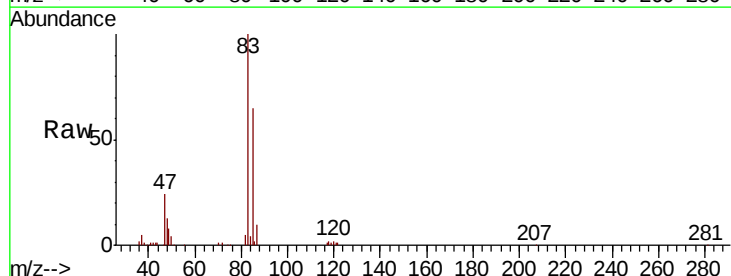
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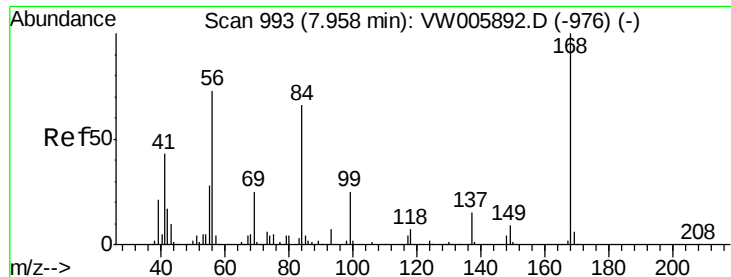
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#30  
Chloroform  
Concen: 20.022 ug/l  
RT: 7.68 min Scan# 947  
Delta R.T. -0.00 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.8  | 51.6  | 77.4  |





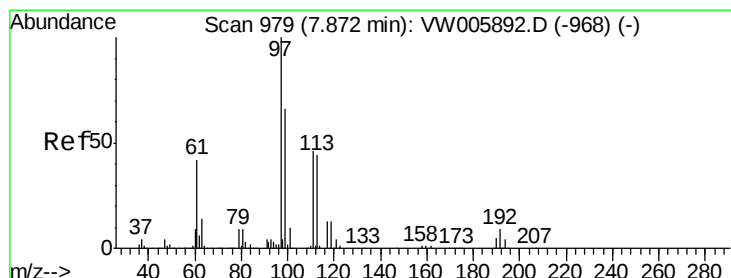
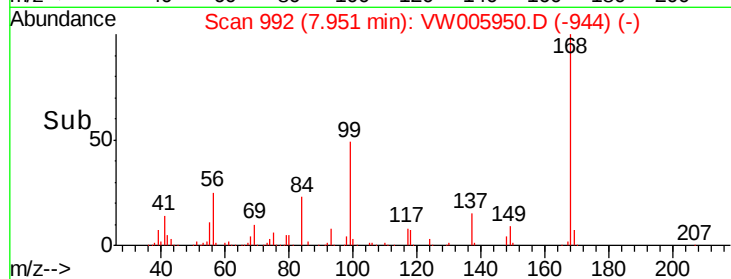
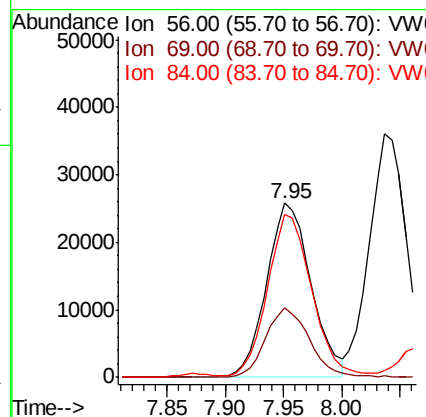
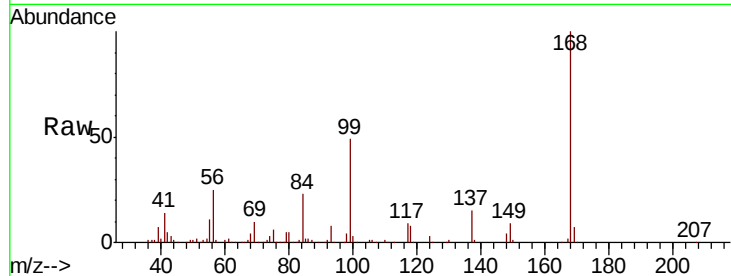
#31  
Cyclohexane  
Concen: 17.511 ug/l  
RT: 7.95 min Scan# 992  
Delta R.T. -0.01 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1010SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 39.7  | 27.9  | 41.9  |
| 84      | 91.4  | 72.3  | 108.5 |

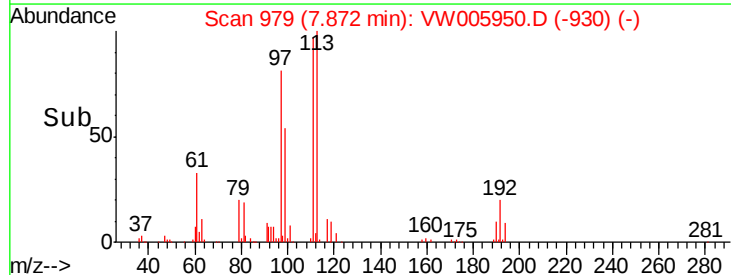
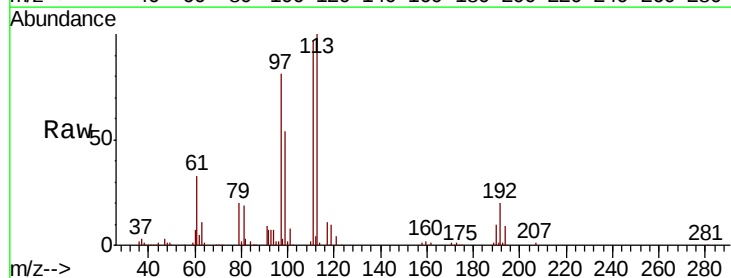
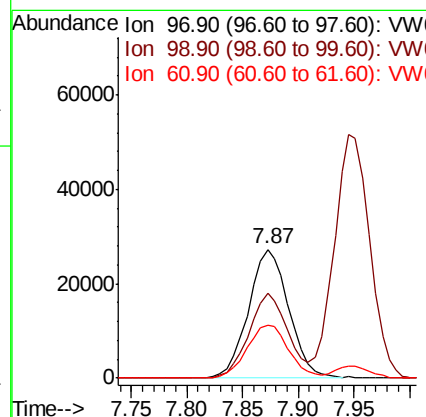
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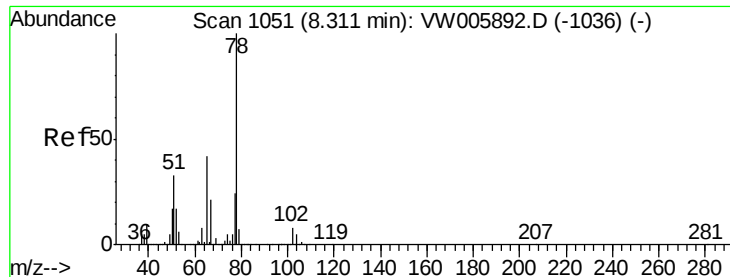
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#32  
1,1,1-Trichloroethane  
Concen: 19.040 ug/l  
RT: 7.87 min Scan# 979  
Delta R.T. -0.00 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.9  | 51.6  | 77.4  |
| 61      | 42.8  | 34.5  | 51.7  |





#33

1,2-Dichloroethane-d4

Concen: 49.730 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA\_W

ClientSampleId :

VW1010SBS01

Tot Ion: 65 Resp: 110415

Ion Ratio Lower Upper

65 100

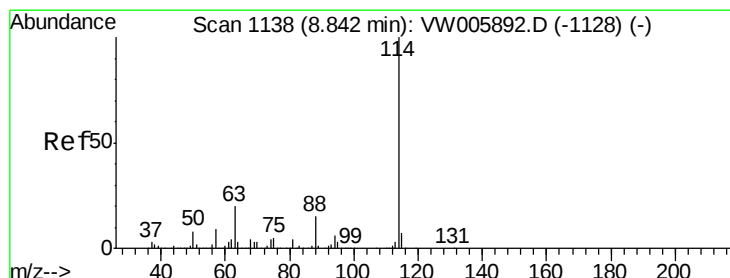
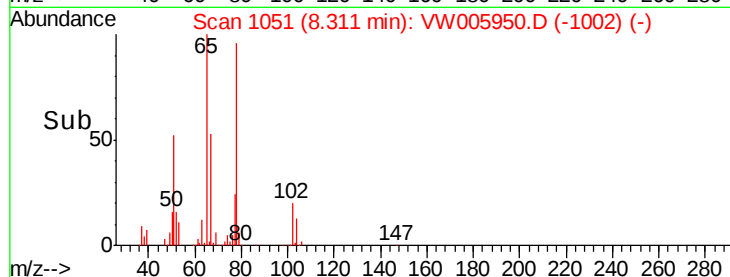
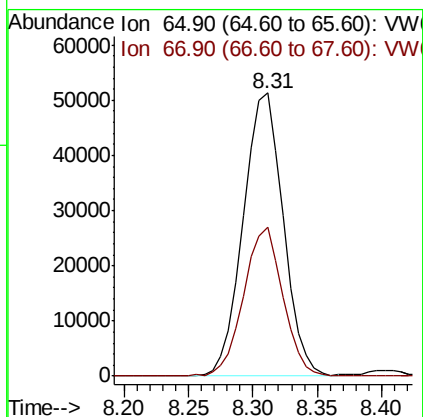
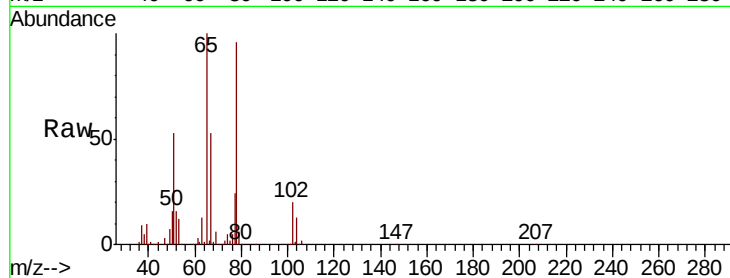
67 51.4 0.0 104.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

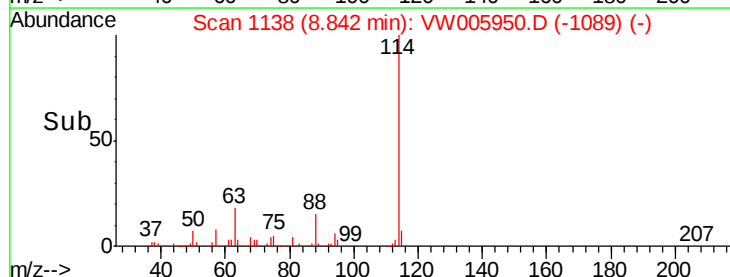
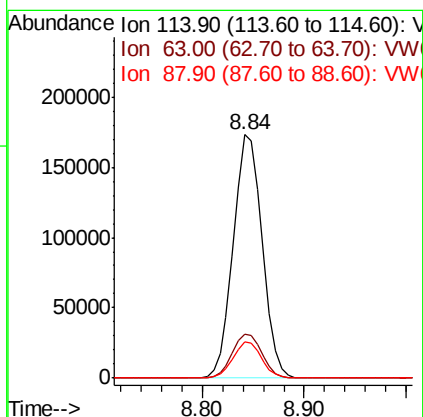
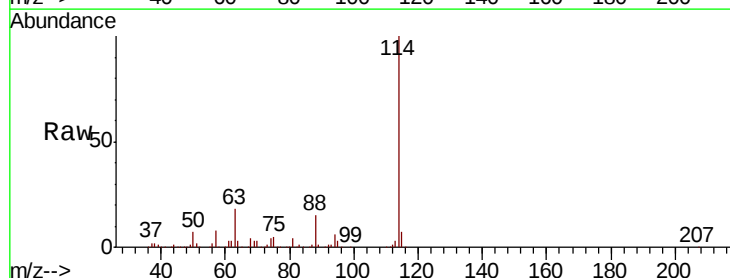
Tgt Ion: 114 Resp: 339206

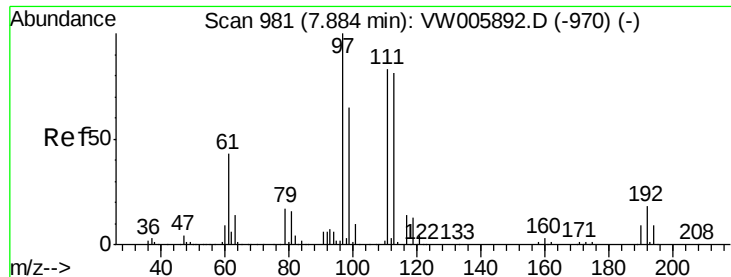
Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.2

88 14.7 0.0 30.8





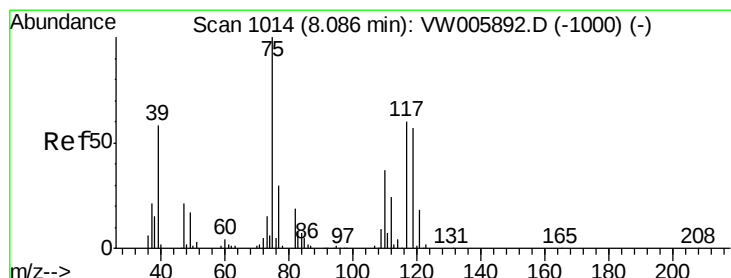
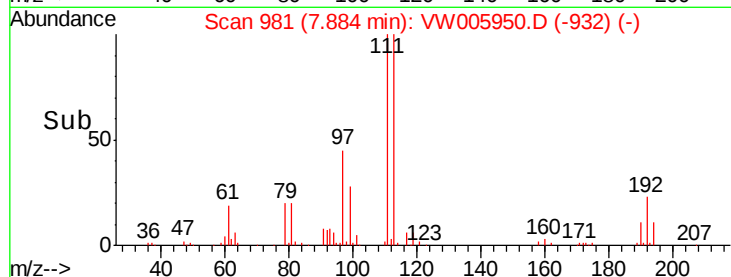
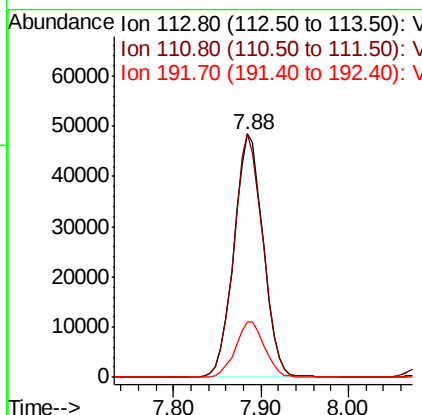
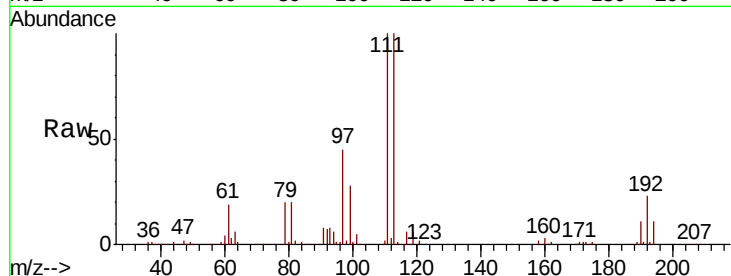
#35  
 Dibromofluoromethane  
 Concen: 51.884 ug/l  
 RT: 7.88 min Scan# 981  
 Delta R.T. -0.00 min  
 Lab File: VW005950.D  
 Acq: 09 Oct 2018 21:04

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1010SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 112364 |       |       |
| 111     | 99.5  | 82.0   | 123.0 |       |
| 192     | 22.6  | 18.3   | 27.5  |       |

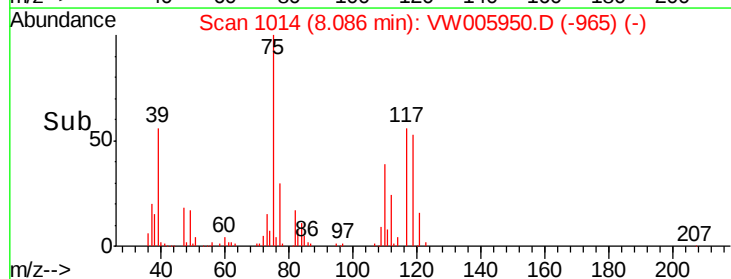
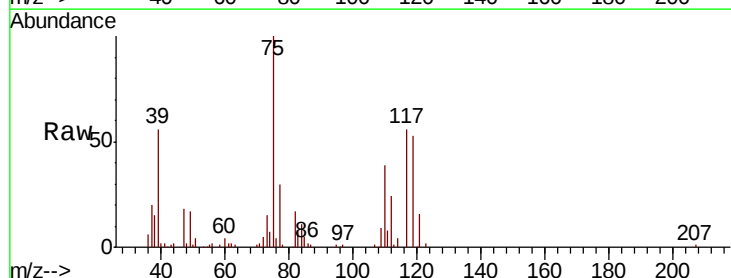
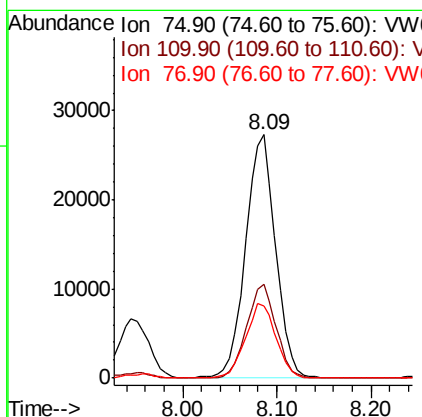
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#36  
 1,1-Dichloropropene  
 Concen: 18.779 ug/l  
 RT: 8.09 min Scan# 1014  
 Delta R.T. -0.00 min  
 Lab File: VW005950.D  
 Acq: 09 Oct 2018 21:04

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 61037 |       |       |
| 110     | 37.7  | 18.6  | 56.0  |       |
| 77      | 31.3  | 24.7  | 37.1  |       |





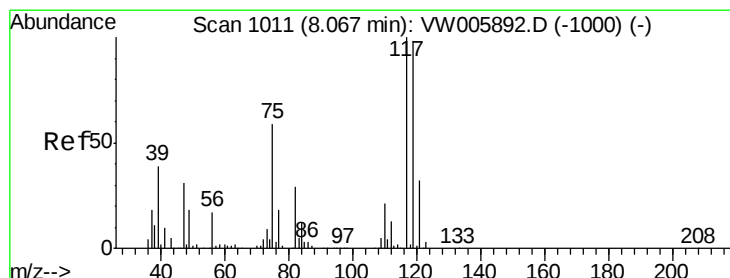
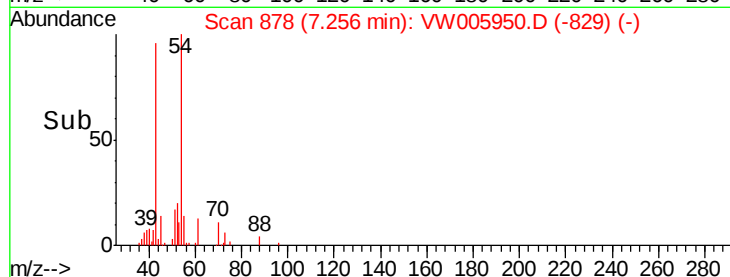
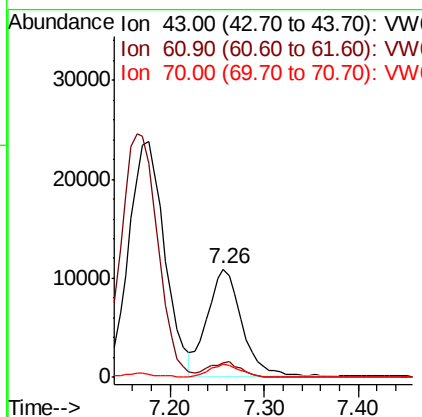
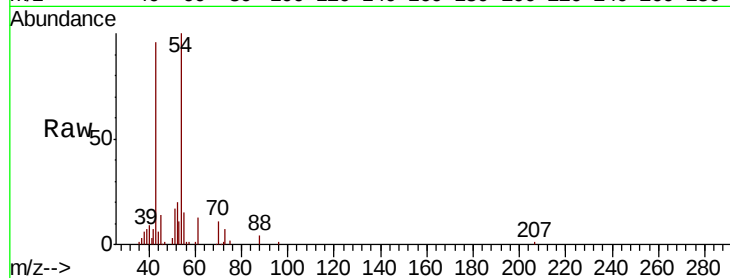
#37  
Ethyl Acetate  
Concen: 20.034 ug/l  
RT: 7.26 min Scan# 878  
Delta R.T. -0.00 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1010SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 27575 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 13.5  | 10.6  | 16.0  |
| 70       | 11.0  | 8.6   | 13.0  |

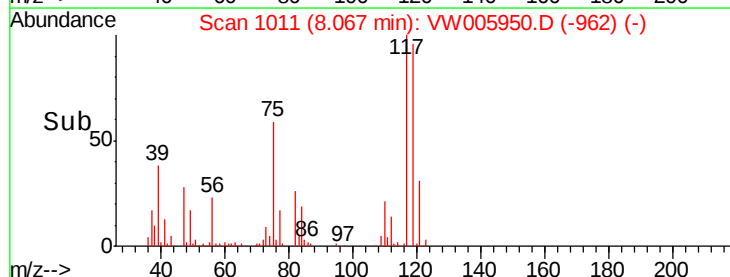
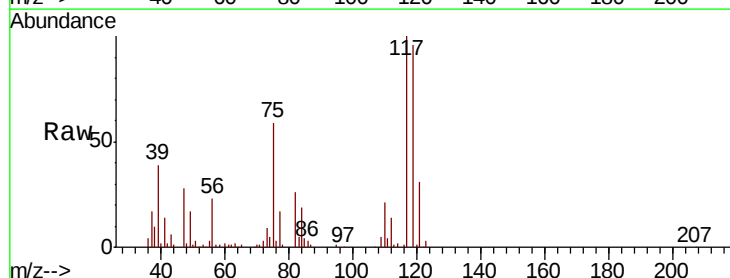
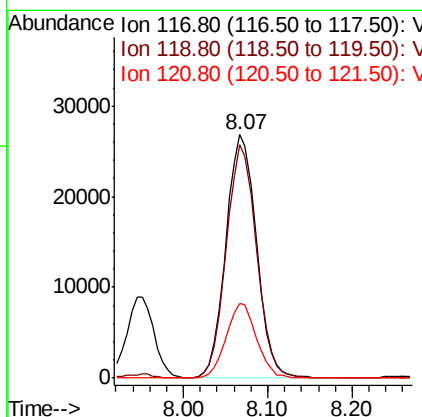
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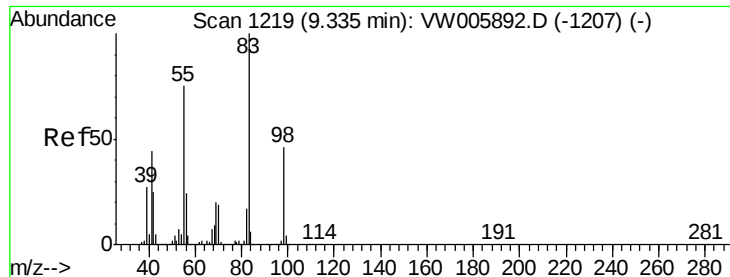
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#38  
Carbon Tetrachloride  
Concen: 18.858 ug/l  
RT: 8.07 min Scan# 1011  
Delta R.T. -0.00 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 65853 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 95.7  | 78.6  | 117.8 |
| 121      | 30.7  | 25.3  | 37.9  |





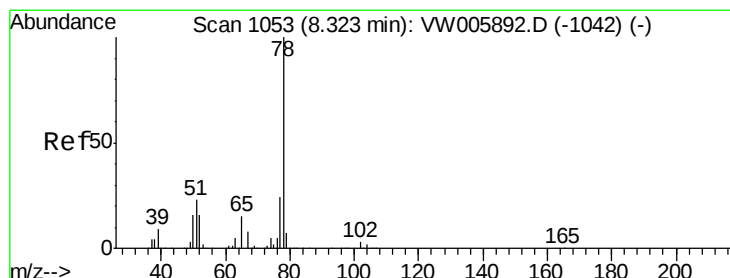
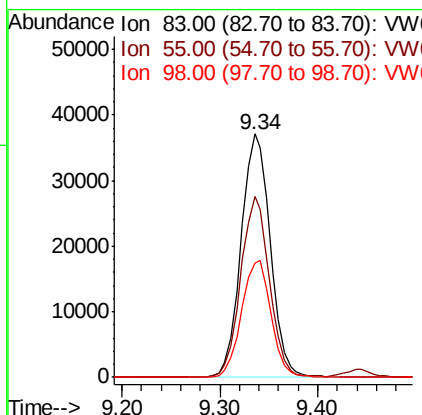
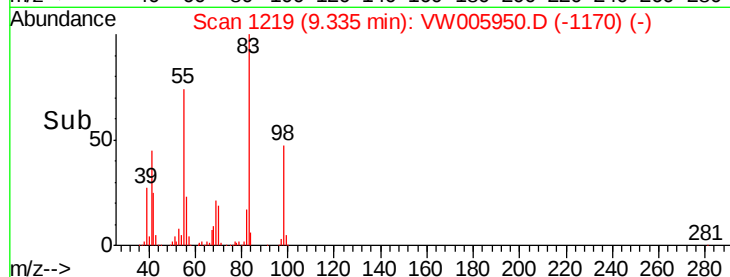
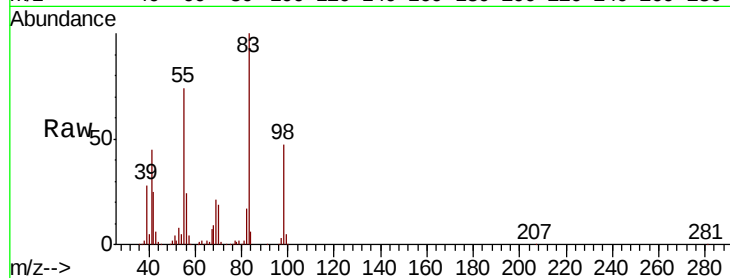
#39  
Methvlcvclohexane  
Concen: 17.963 ug/l  
RT: 9.34 min Scan# 1219  
Delta R.T. -0.00 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1010SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 74.0  | 59.8  | 89.6  |
| 98      | 47.0  | 37.1  | 55.7  |

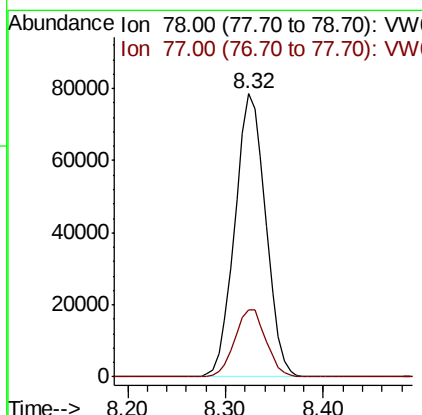
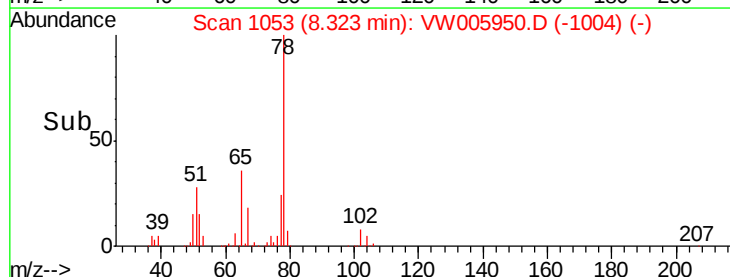
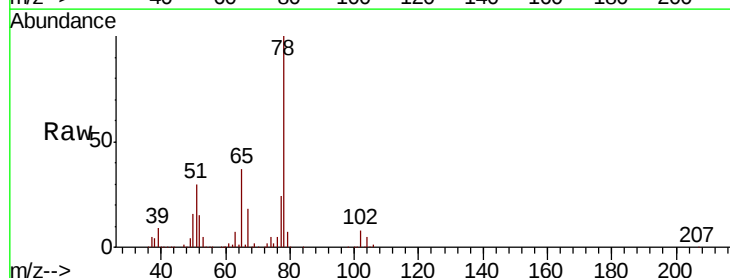
Manual Integrations  
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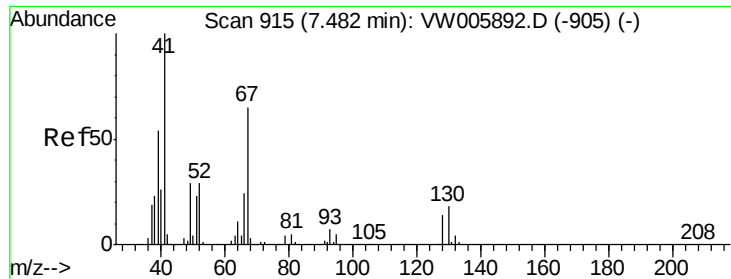
apatel  
10/10/2018 11:34:42 AM



#40  
Benzene  
Concen: 19.299 ug/l  
RT: 8.32 min Scan# 1053  
Delta R.T. -0.00 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.6  | 19.1  | 28.7  |





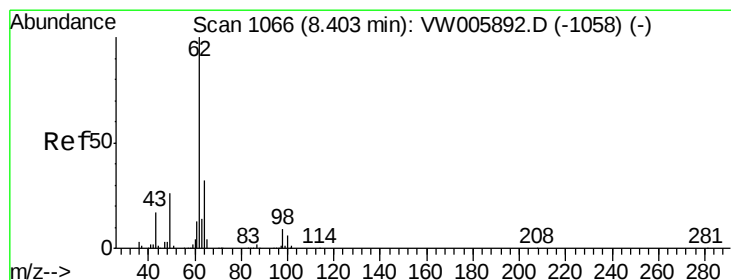
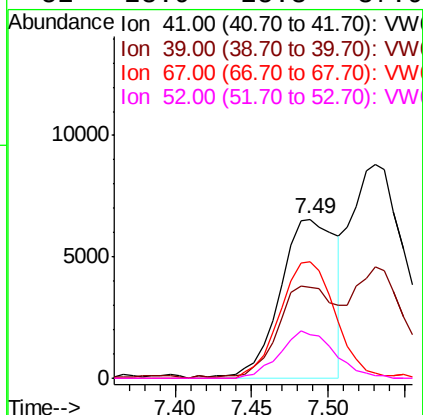
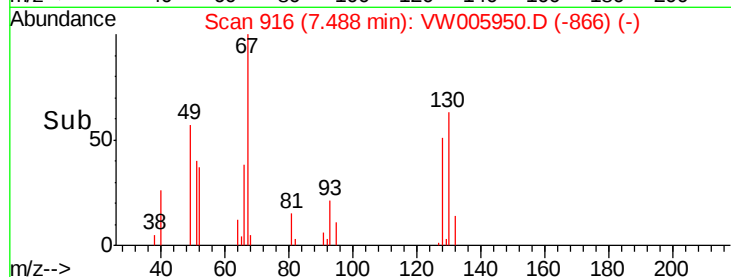
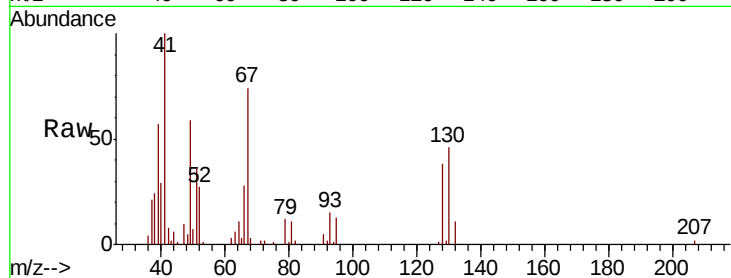
#41  
Methacrylonitrile  
Concen: 19.466 ug/l  
RT: 7.49 min Scan# 916  
Delta R.T. 0.01 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1010SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 56.3  | 45.0  | 67.4  |
| 67      | 72.6  | 55.8  | 83.8  |
| 52      | 28.9  | 25.3  | 37.9  |

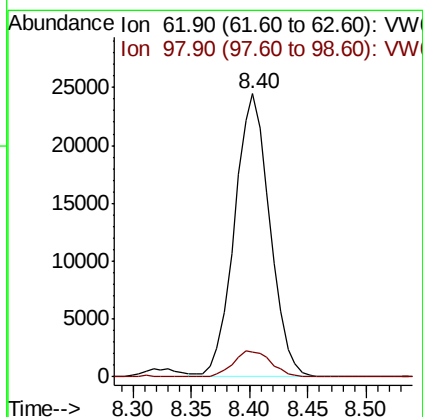
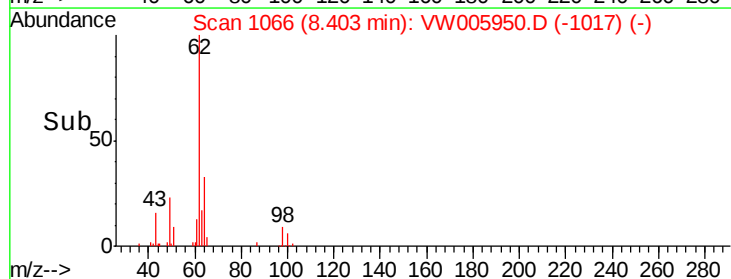
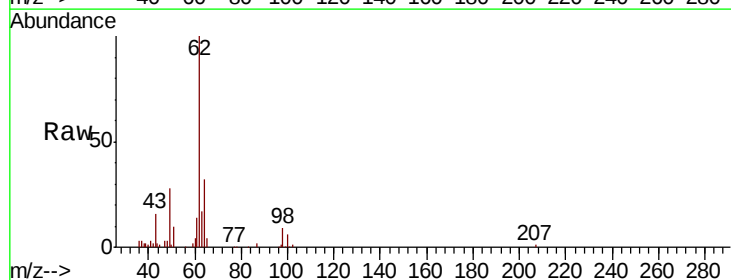
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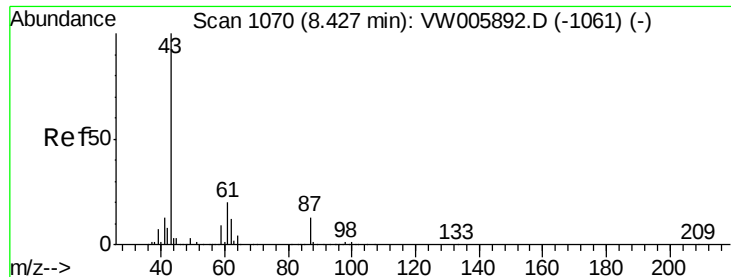
apatel  
10/10/2018 11:34:42 AM



#42  
1,2-Dichloroethane  
Concen: 19.233 ug/l  
RT: 8.40 min Scan# 1066  
Delta R.T. -0.00 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 9.7   | 0.0   | 18.0  |





#43

Isopropyl Acetate

Concen: 18.699 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA\_W

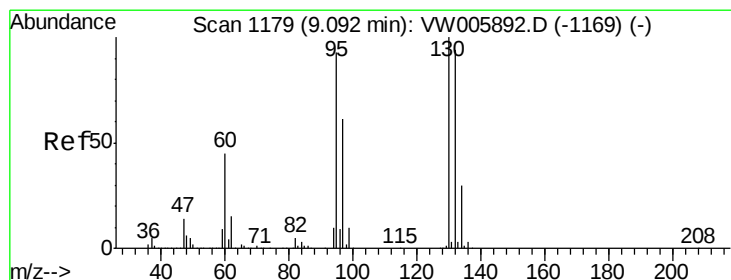
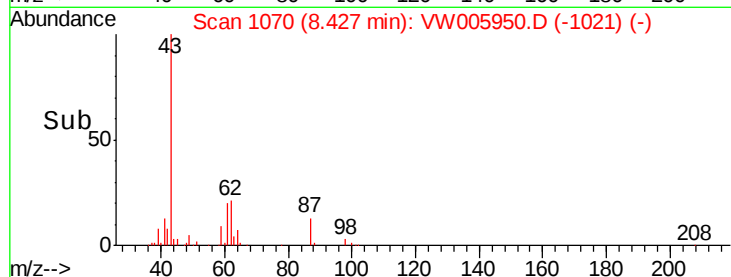
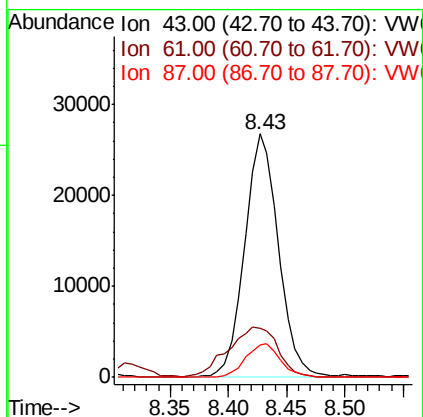
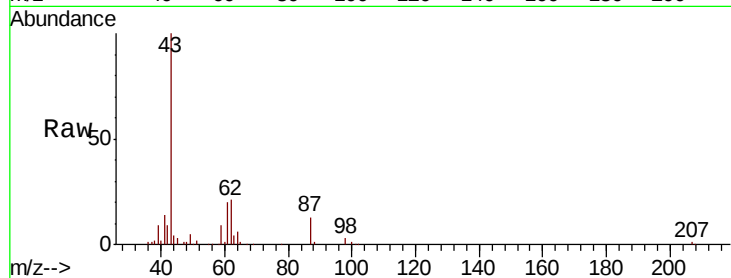
ClientSampleId :

VW1010SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 53764 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 30.4  | 23.1  | 34.7  |
| 87       | 14.0  | 10.7  | 16.1  |

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#44

Trichloroethene

Concen: 19.893 ug/l

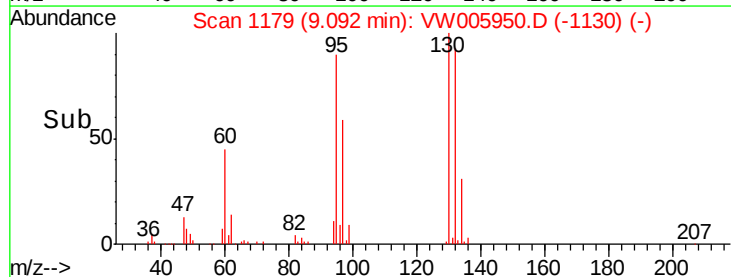
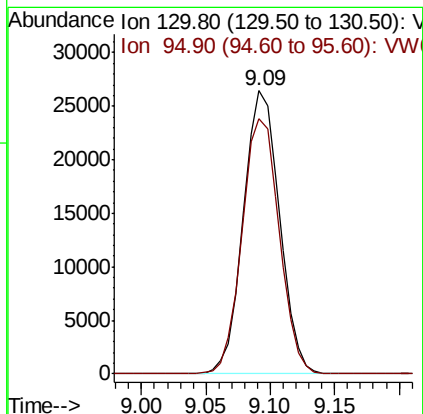
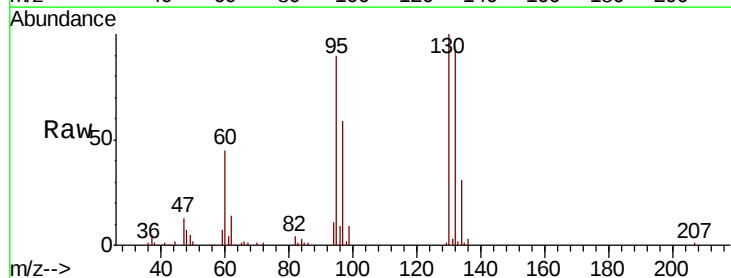
RT: 9.09 min Scan# 1179

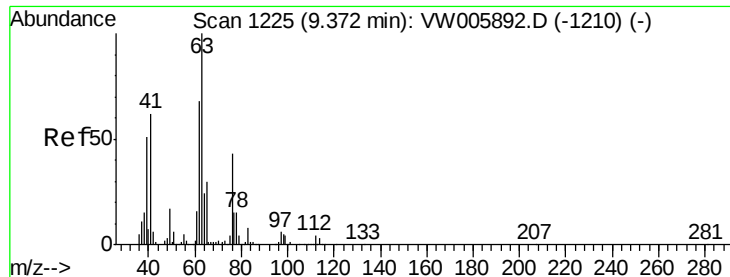
Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 51344 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 90.0  | 0.0   | 185.6 |





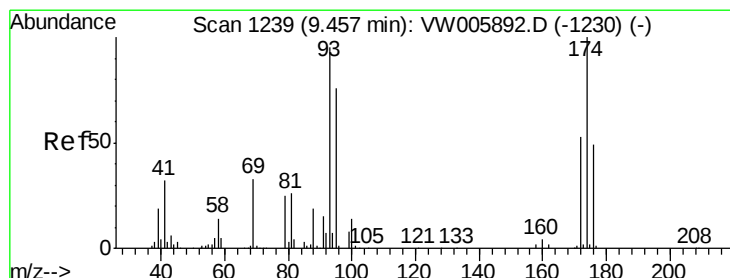
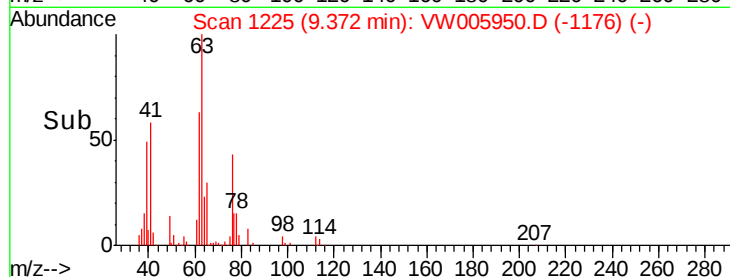
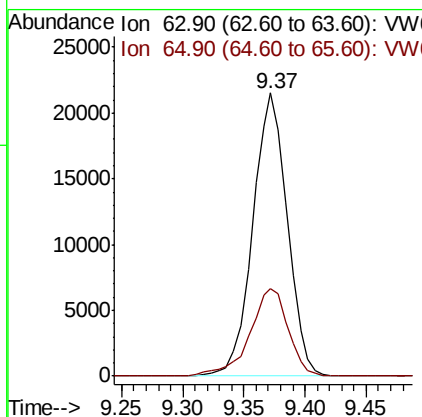
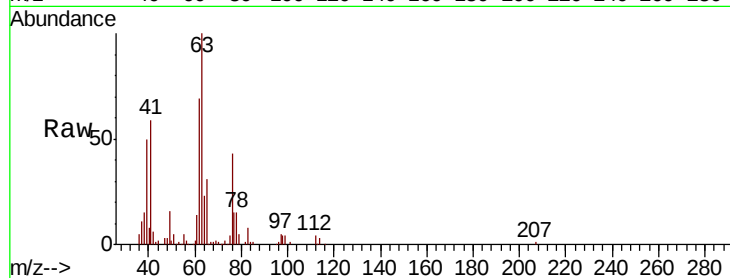
#45  
 1,2-Dichloropropane  
 Concen: 18.942 ug/l  
 RT: 9.37 min Scan# 1225  
 Delta R.T. -0.00 min  
 Lab File: VW005950.D  
 Acq: 09 Oct 2018 21:04

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1010SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 30.8  | 24.3  | 36.5  |

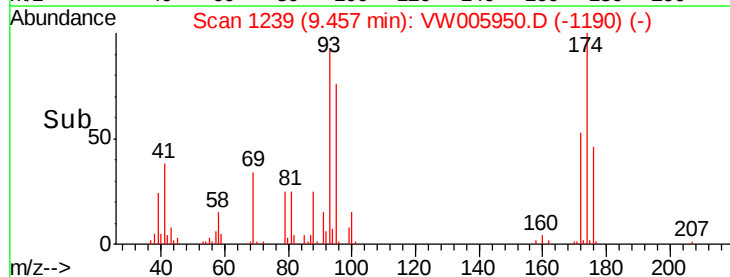
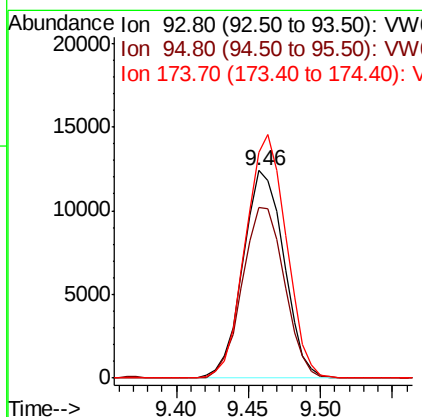
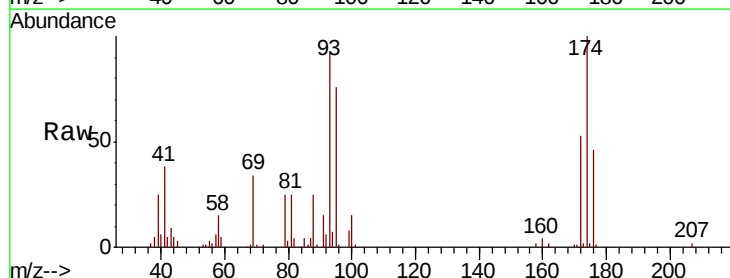
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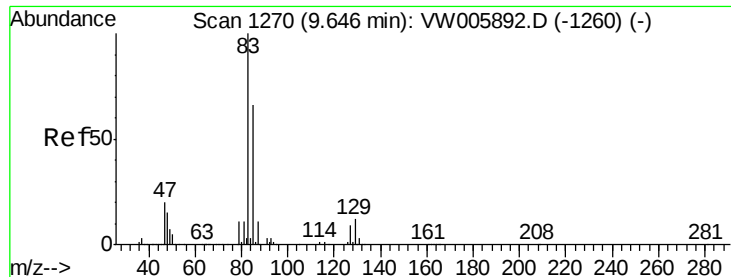
apatel  
 10/10/2018 11:34:42 AM



#46  
 Dibromomethane  
 Concen: 19.975 ug/l  
 RT: 9.46 min Scan# 1239  
 Delta R.T. -0.00 min  
 Lab File: VW005950.D  
 Acq: 09 Oct 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 84.8  | 66.6  | 99.8  |
| 174     | 116.5 | 90.4  | 135.6 |





#47

Bromodichloromethane

Concen: 19.067 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA\_W

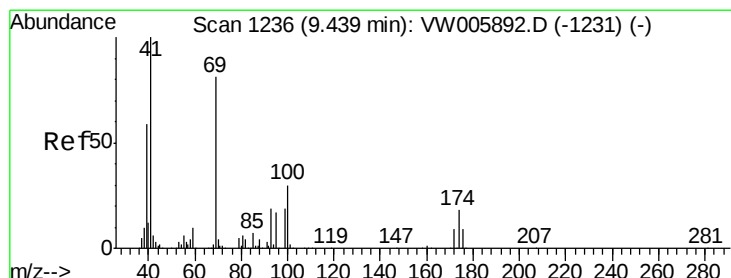
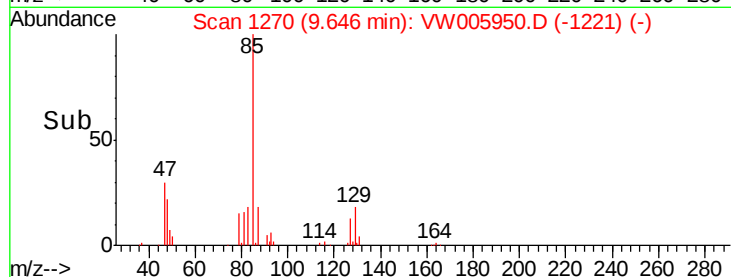
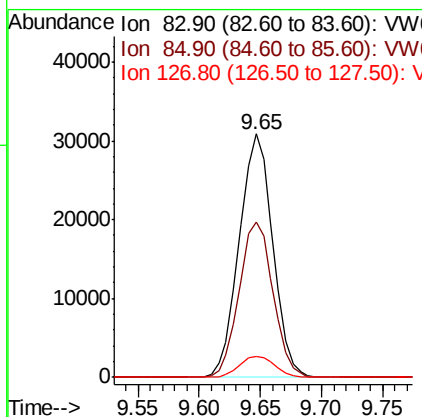
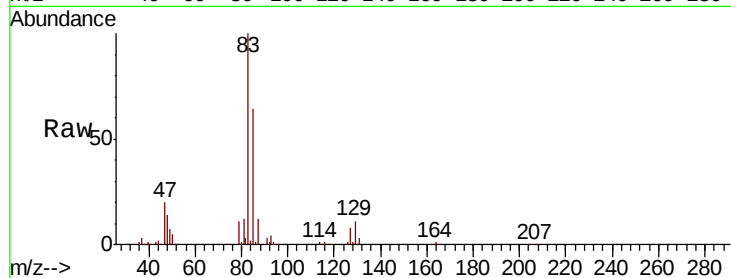
ClientSampleId :

VW1010SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 58720 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 63.8  | 53.0  | 79.6  |
| 127       | 8.4   | 7.4   | 11.0  |

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#48

Methyl methacrylate

Concen: 18.338 ug/l

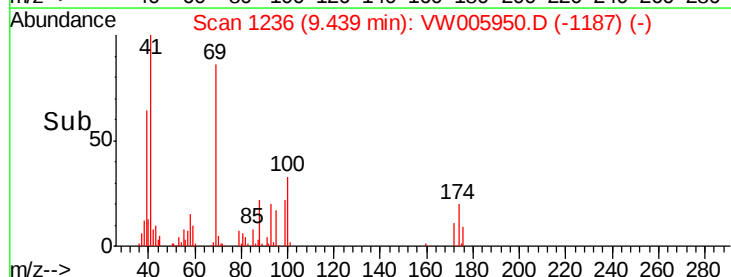
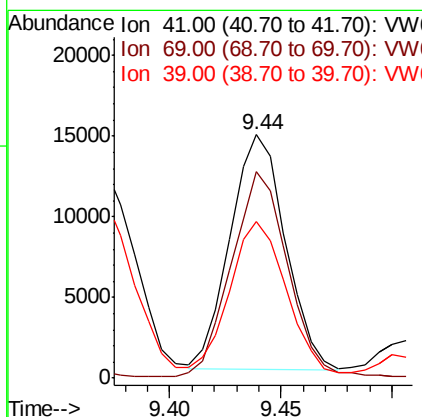
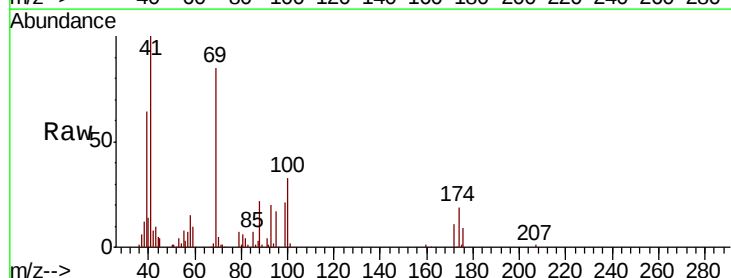
RT: 9.44 min Scan# 1236

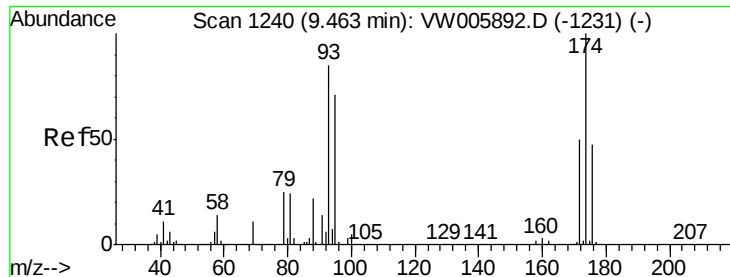
Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 25117 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 91.7  | 68.7  | 103.1 |
| 39        | 69.6  | 50.0  | 75.0  |





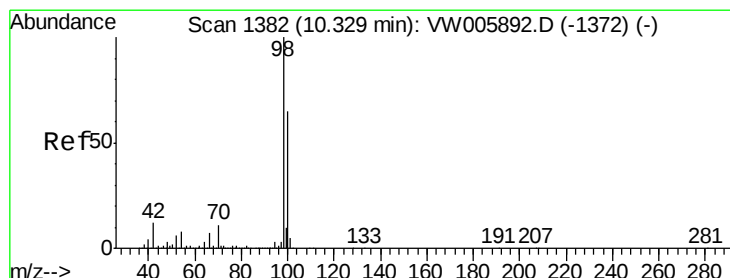
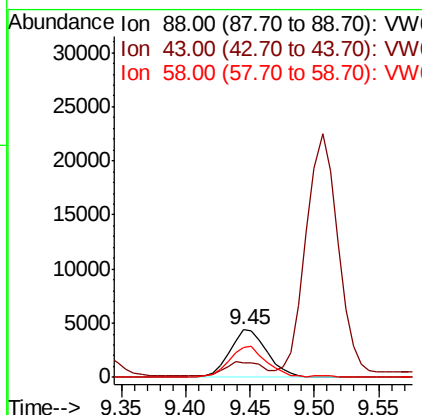
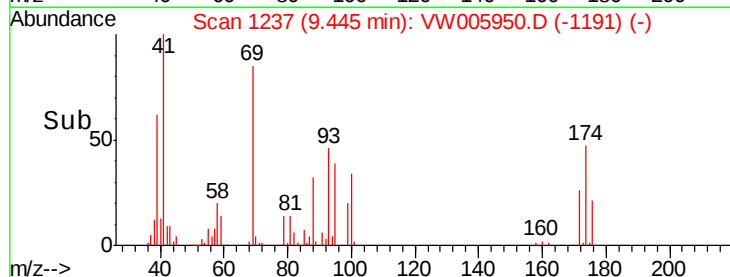
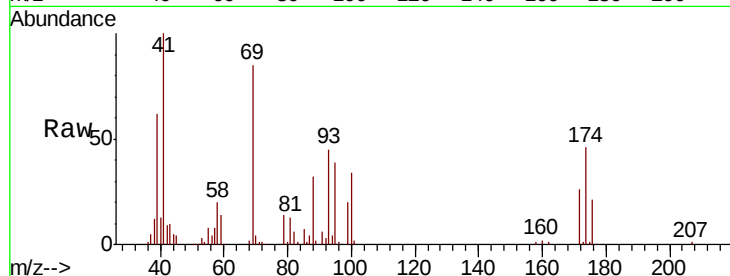
#49  
1,4-Dioxane  
Concen: 475.811 ug/l  
RT: 9.45 min Scan# 1237  
Delta R.T. -0.02 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1010SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 31.8  | 0.0   | 0.0#  |
| 58      | 65.5  | 57.7  | 86.5  |

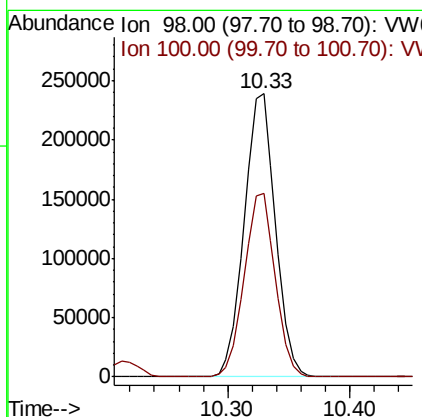
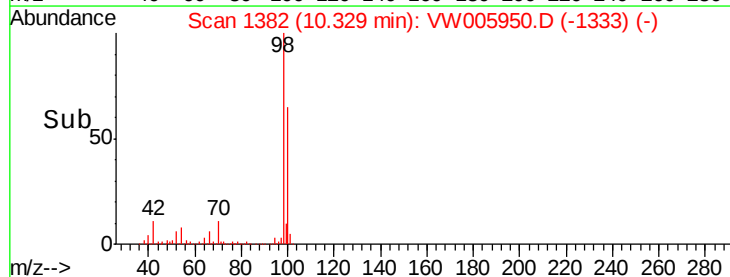
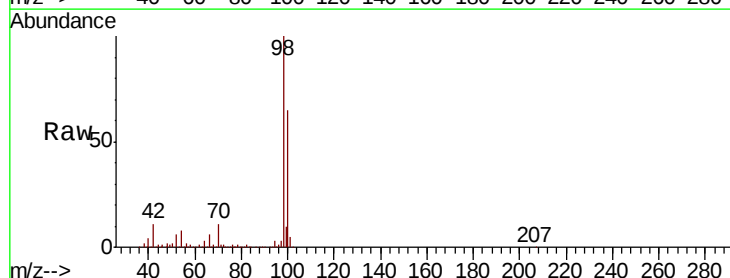
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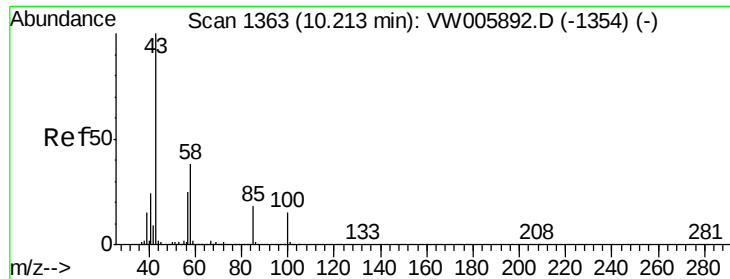
apatel  
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#50  
Toluene-d8  
Concen: 50.821 ug/l  
RT: 10.33 min Scan# 1382  
Delta R.T. -0.00 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.3  | 51.9  | 77.9  |





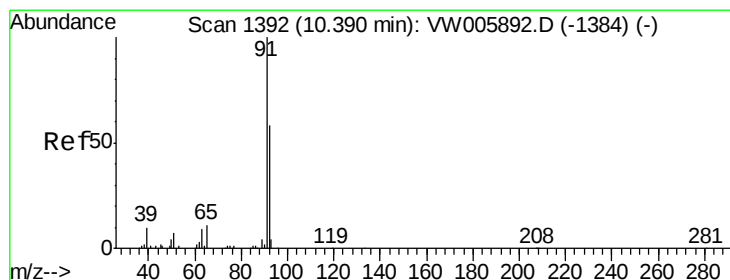
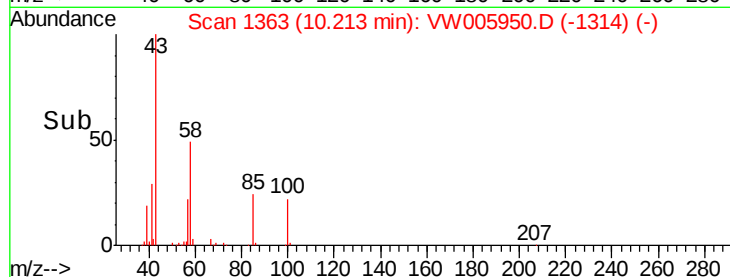
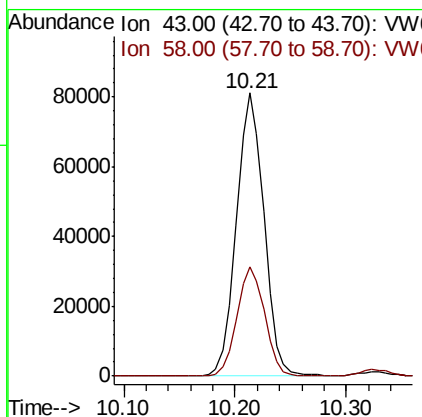
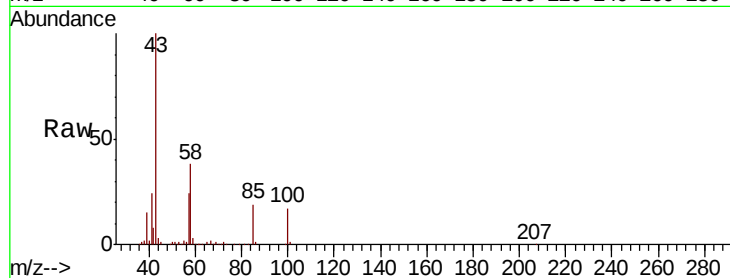
#51  
4-Methyl-2-Pentanone  
Concen: 99.033 ug/l  
RT: 10.21 min Scan# 1363  
Delta R.T. -0.00 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1010SBS01

| Tot Ion   | 43   | Resp  | 138656 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 38.9 | 30.2  | 45.4   |

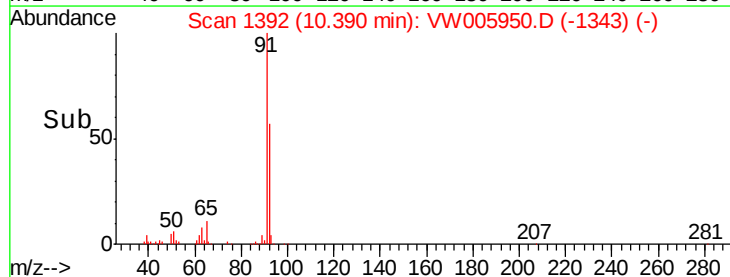
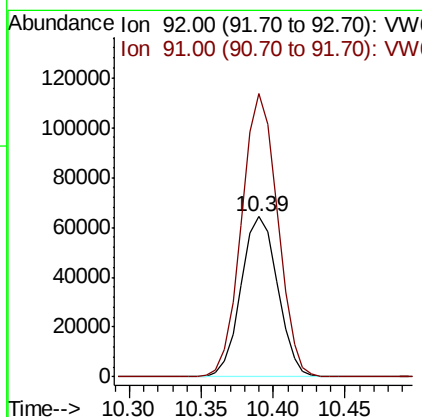
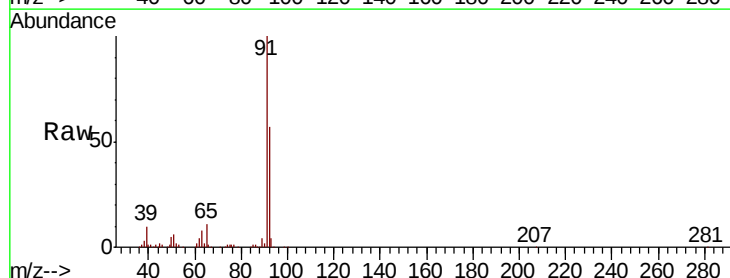
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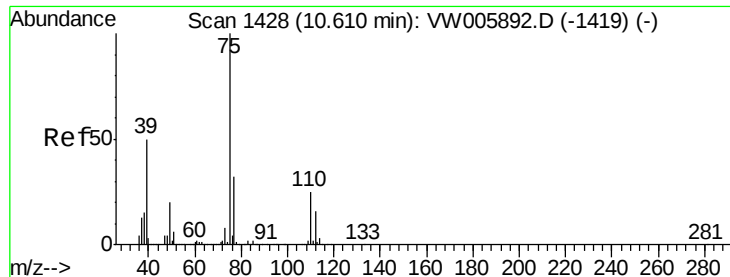
apatel  
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#52  
Toluene  
Concen: 19.459 ug/l  
RT: 10.39 min Scan# 1392  
Delta R.T. -0.00 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

| Tgt Ion   | 92    | Resp  | 113718 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 92        | 100   |       |        |
| 91        | 173.8 | 138.2 | 207.4  |





#53

t-1,3-Dichloropropene

Concen: 17.687 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA\_W

ClientSampleId :

VW1010SBS01

Tot Ion: 75 Resp: 56924

Ion Ratio Lower Upper

75 100

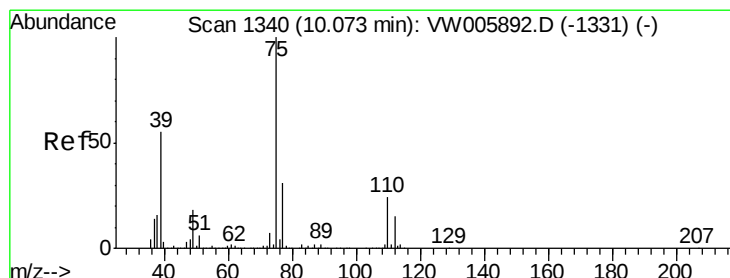
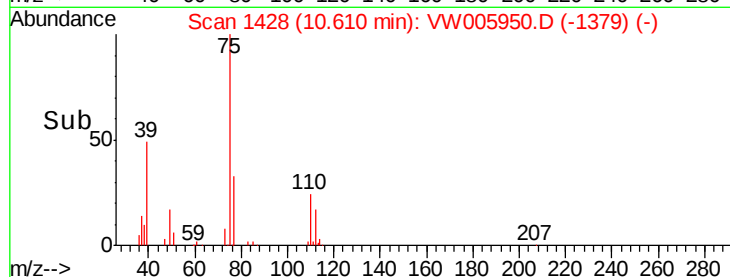
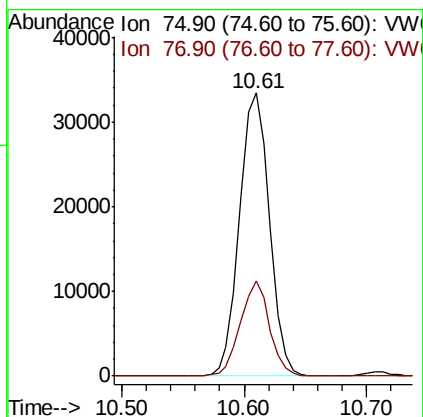
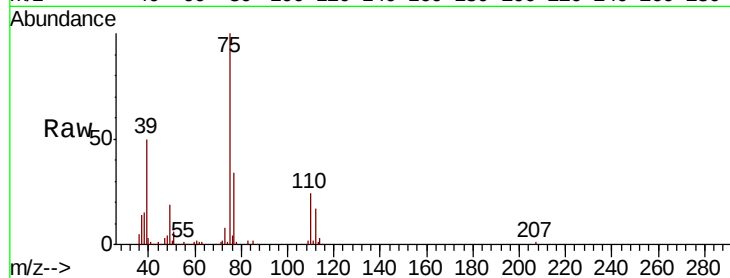
77 33.6 25.4 38.2

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apatel

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#54

cis-1,3-Dichloropropene

Concen: 18.312 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

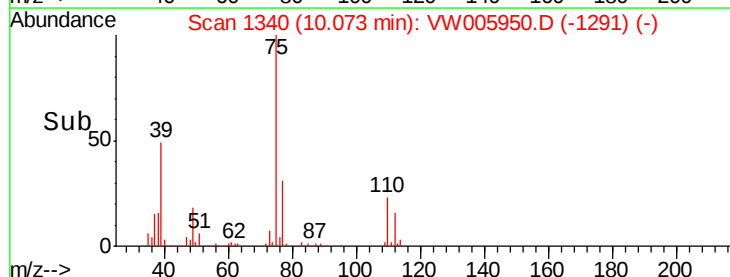
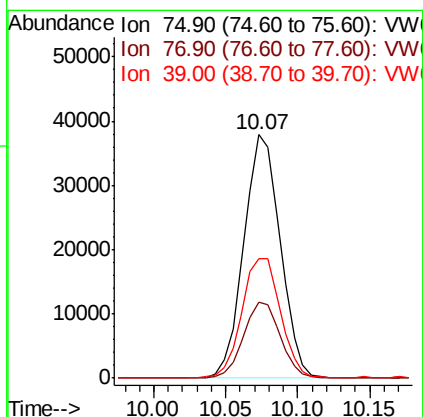
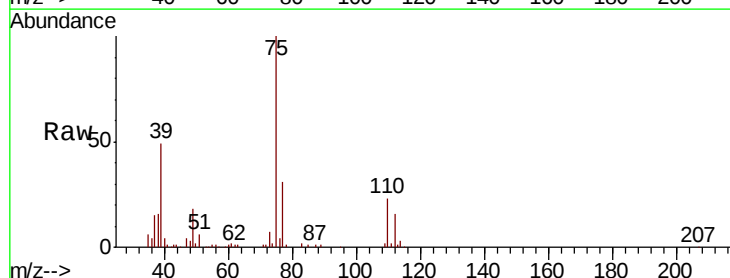
Tgt Ion: 75 Resp: 66249

Ion Ratio Lower Upper

75 100

77 31.2 24.6 37.0

39 49.1 44.2 66.4





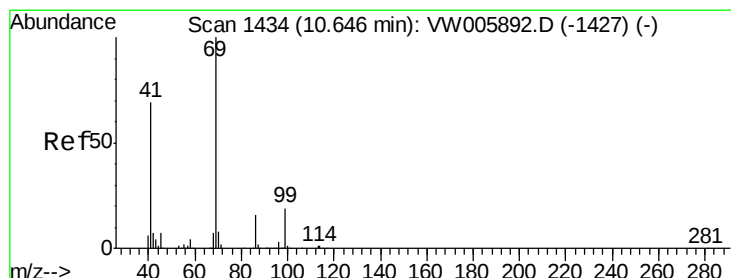
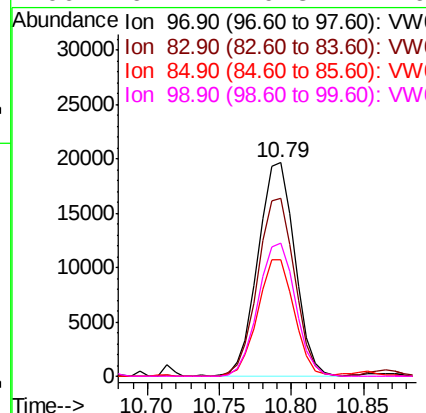
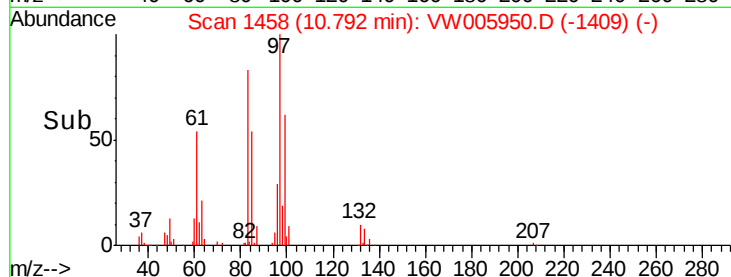
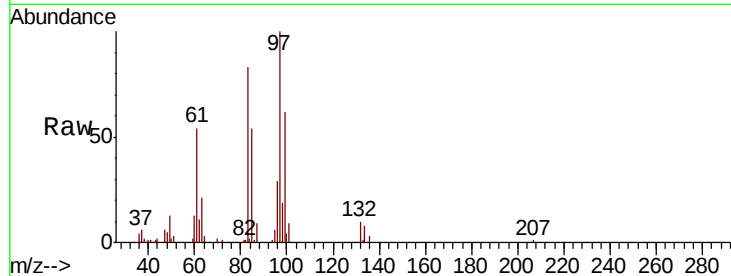
#55  
 1,1,2-Trichloroethane  
 Concen: 20.516 ug/l  
 RT: 10.79 min Scan# 1458  
 Delta R.T. -0.00 min  
 Lab File: VW005950.D  
 Acq: 09 Oct 2018 21:04

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1010SBS01

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 97      | 100  |       | 34776 |       |       |
| 83      | 83.2 | 66.9  | 100.3 |       |       |
| 85      | 54.3 | 43.4  | 65.0  |       |       |
| 99      | 62.1 | 49.8  | 74.6  |       |       |

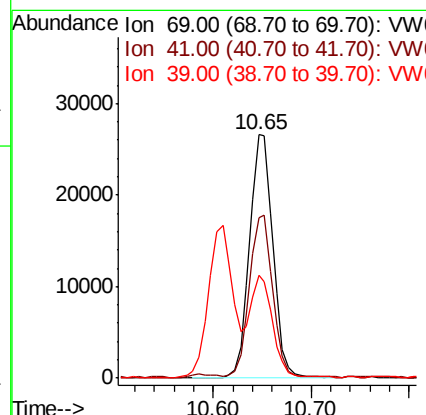
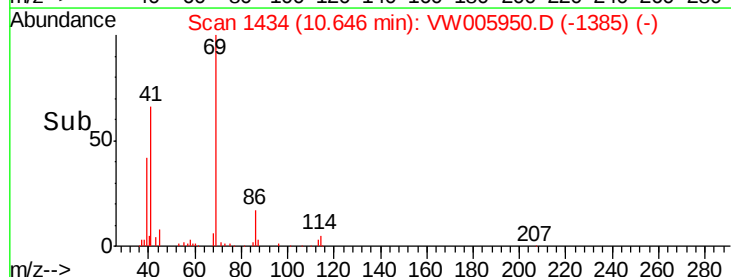
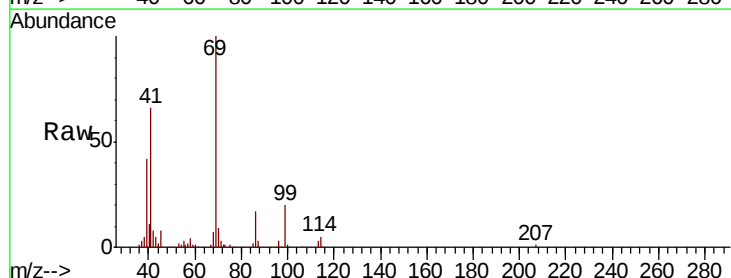
Manual Integrations  
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#56  
 Ethyl methacrylate  
 Concen: 19.336 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. -0.00 min  
 Lab File: VW005950.D  
 Acq: 09 Oct 2018 21:04

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 69      | 100  |       | 44176 |       |       |
| 41      | 66.1 | 56.0  | 84.0  |       |       |
| 39      | 41.2 | 33.5  | 50.3  |       |       |





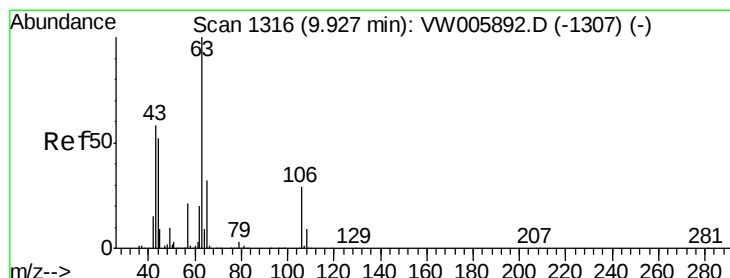
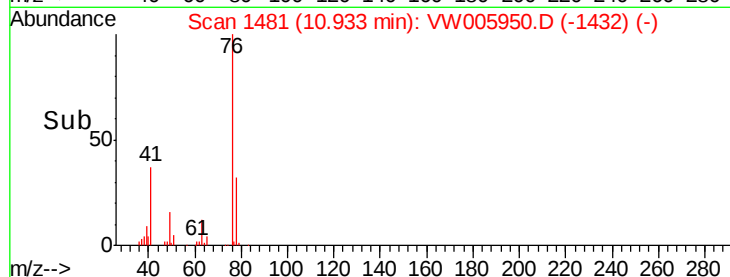
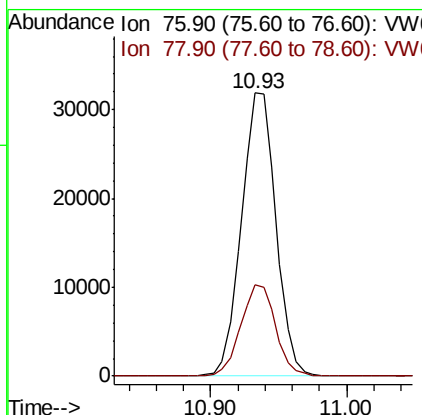
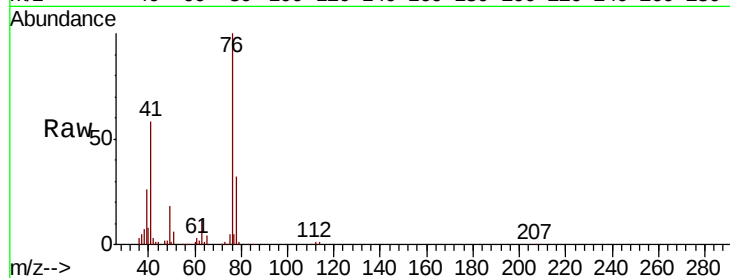
#57  
 1,3-Dichloropropane  
 Concen: 19.811 ug/l  
 RT: 10.93 min Scan# 1481  
 Delta R.T. -0.00 min  
 Lab File: VW005950.D  
 Acq: 09 Oct 2018 21:04

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1010SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.3  | 25.8  | 38.6  |

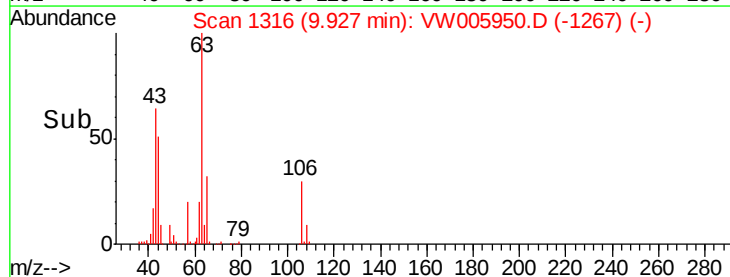
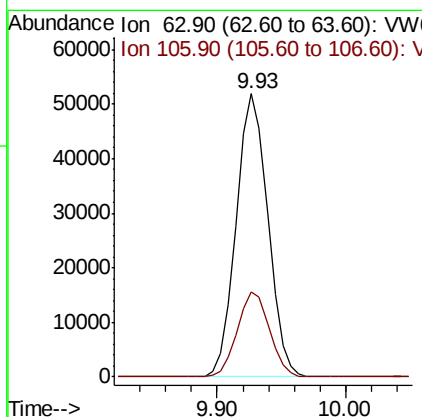
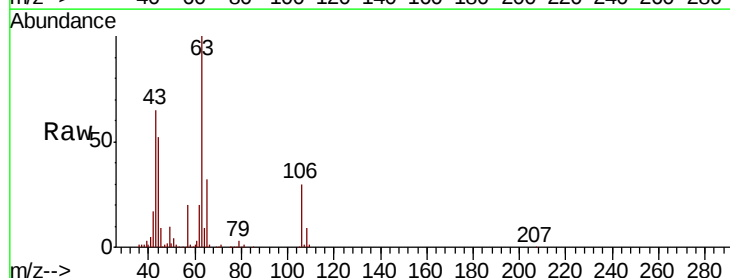
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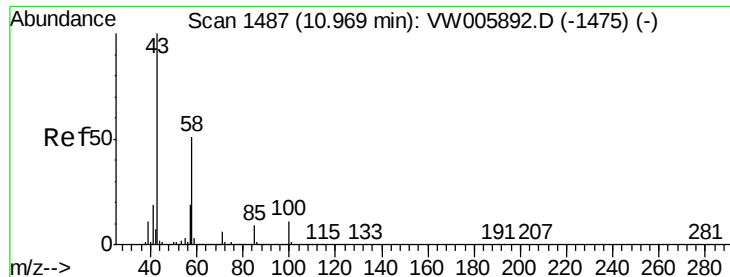
apatel  
 10/10/2018 11:34:42 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 95.300 ug/l  
 RT: 9.93 min Scan# 1316  
 Delta R.T. -0.00 min  
 Lab File: VW005950.D  
 Acq: 09 Oct 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 30.3  | 23.6  | 35.4  |





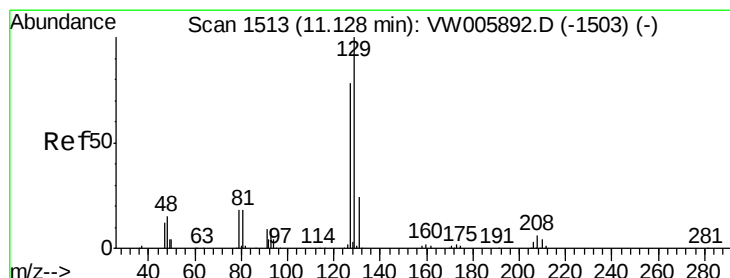
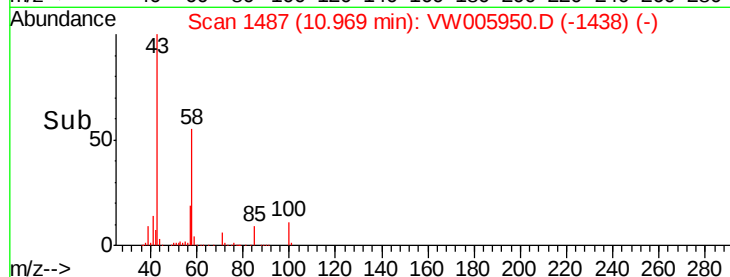
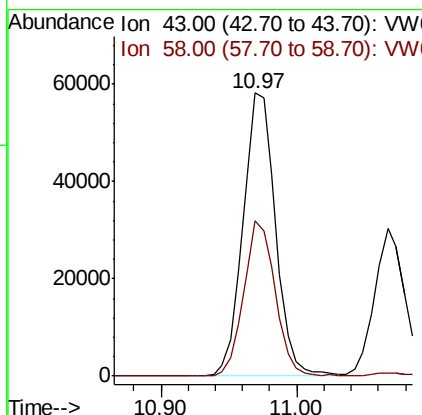
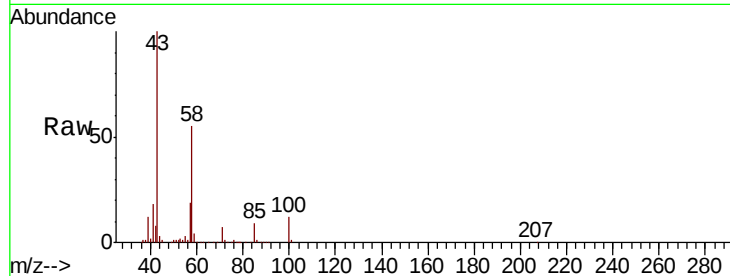
#59  
2-Hexanone  
Concen: 96.471 ug/l  
RT: 10.97 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1010SBS01

Tot Ion: 43 Resp: 96847  
Ion Ratio Lower Upper  
43 100  
58 53.5 25.7 77.1

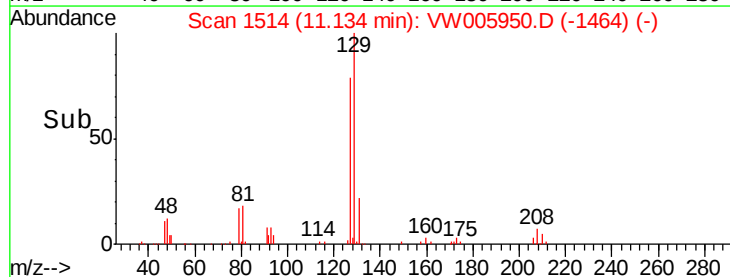
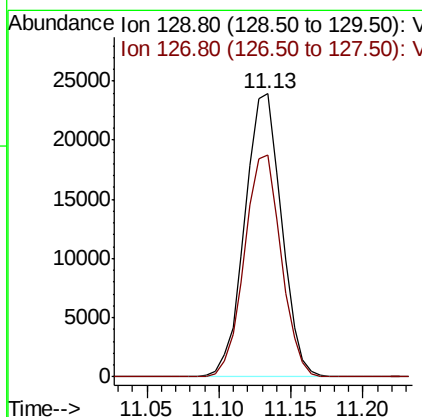
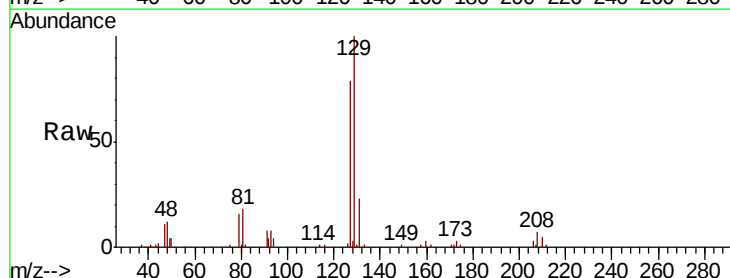
Manual Integrations  
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#60  
Dibromochloromethane  
Concen: 19.327 ug/l  
RT: 11.13 min Scan# 1514  
Delta R.T. 0.01 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

Tgt Ion: 129 Resp: 42276  
Ion Ratio Lower Upper  
129 100  
127 78.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.509 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA\_W

ClientSampleId :

VW1010SBS01

Tot Ion: 107 Resp: 34739

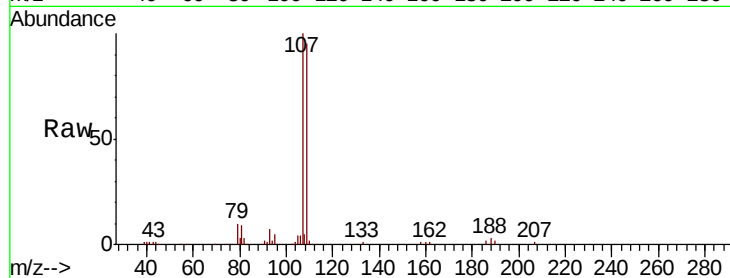
Ion Ratio Lower Upper

107 100

109 94.3 75.8 113.8

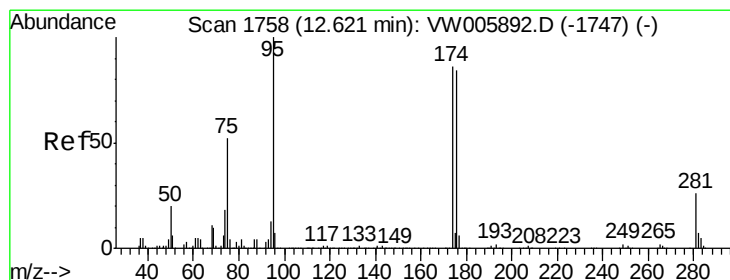
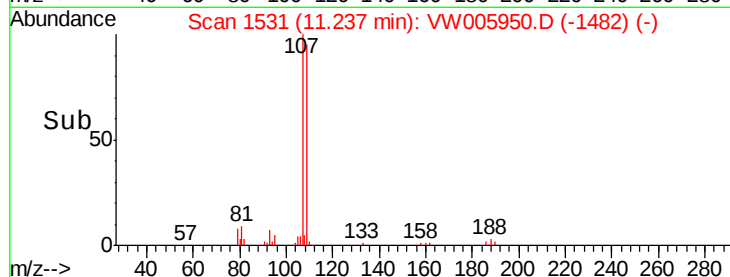
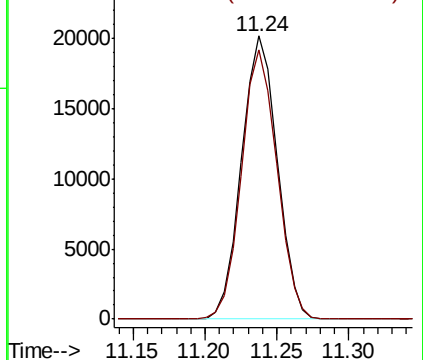
Manual Integrations  
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.898 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

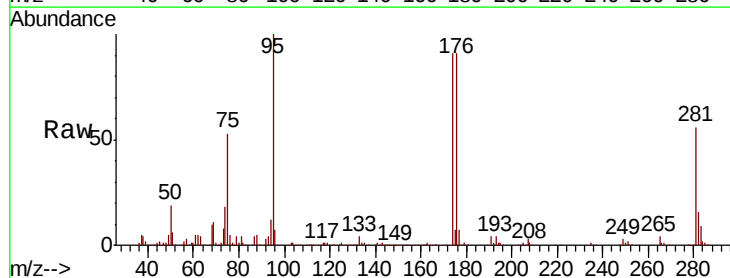
Tgt Ion: 95 Resp: 155015

Ion Ratio Lower Upper

95 100

174 93.7 0.0 176.4

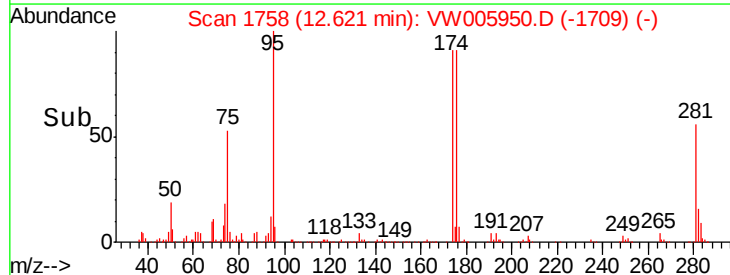
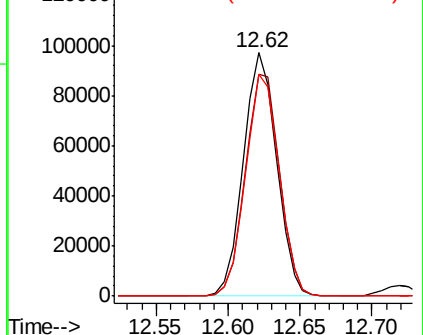
176 91.7 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





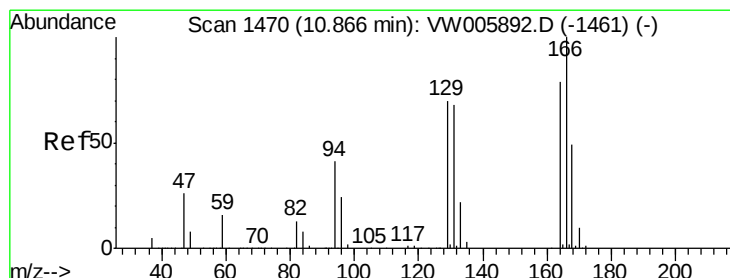
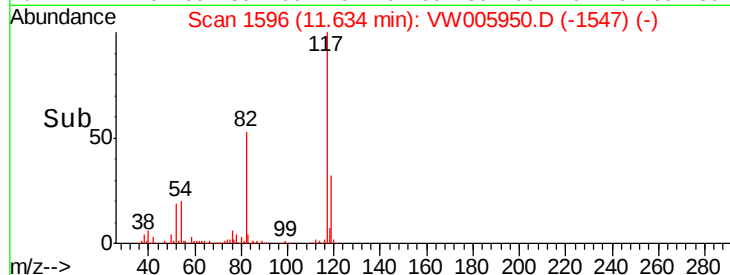
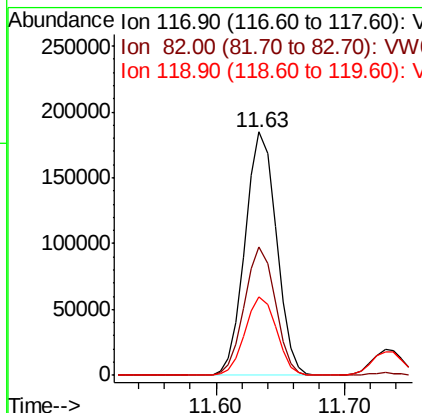
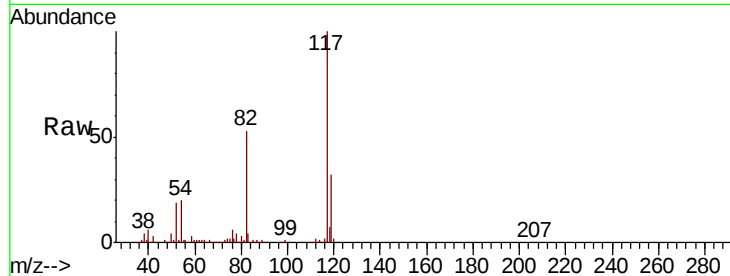
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. -0.00 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1010SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 53.0  | 43.5  | 65.3  |
| 119     | 32.0  | 25.4  | 38.2  |

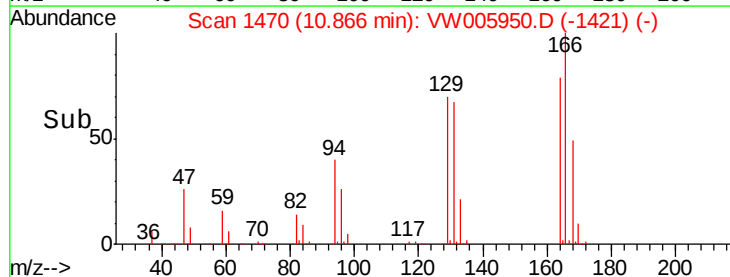
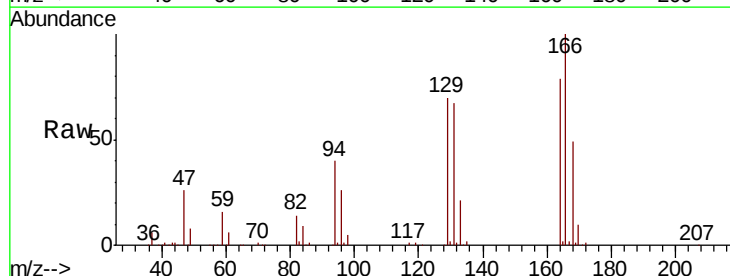
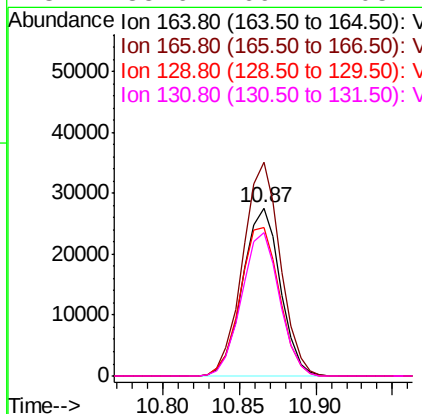
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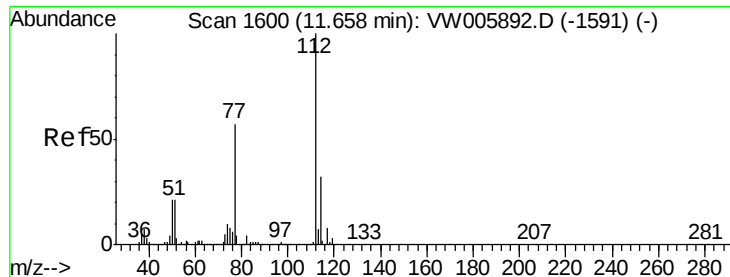
apatel  
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#64  
Tetrachloroethene  
Concen: 20.393 ug/l  
RT: 10.87 min Scan# 1470  
Delta R.T. -0.00 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 127.1 | 101.5 | 152.3 |
| 129     | 88.6  | 71.1  | 106.7 |
| 131     | 85.6  | 69.1  | 103.7 |





#65

Chlorobenzene

Concen: 19.954 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA\_W

ClientSampleId :

VW1010SBS01

Tot Ion:112 Resp: 132698

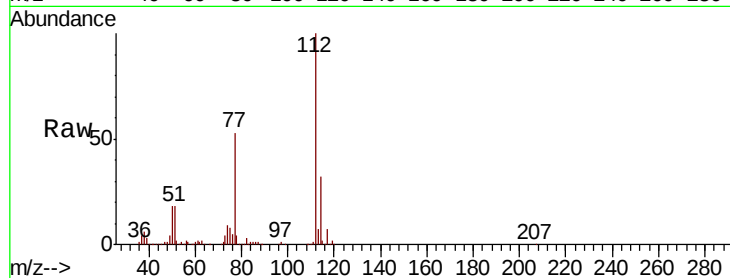
Ion Ratio Lower Upper

112 100

114 32.1 25.6 38.4

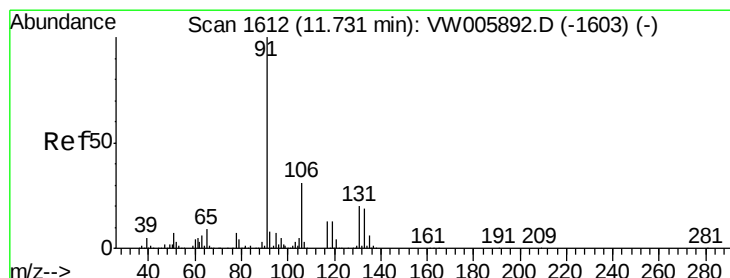
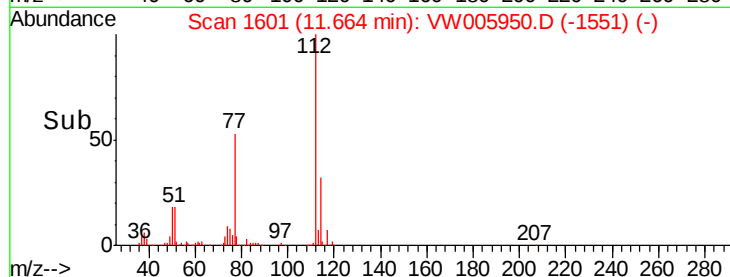
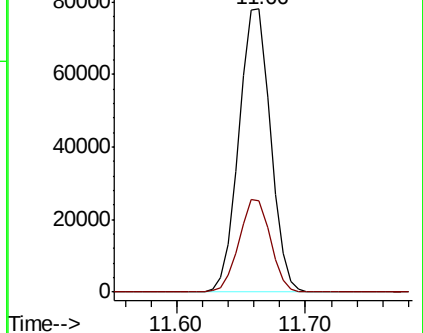
Manual Integrations  
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.501 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

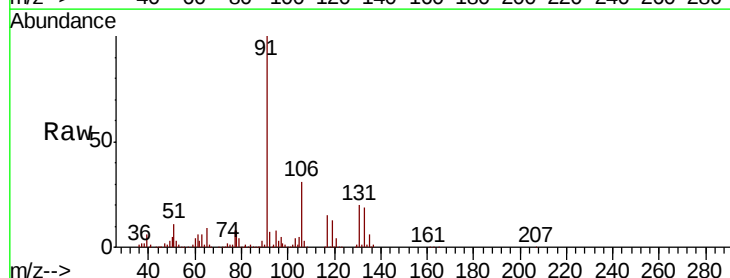
Tgt Ion:131 Resp: 47536

Ion Ratio Lower Upper

131 100

133 96.7 48.2 144.6

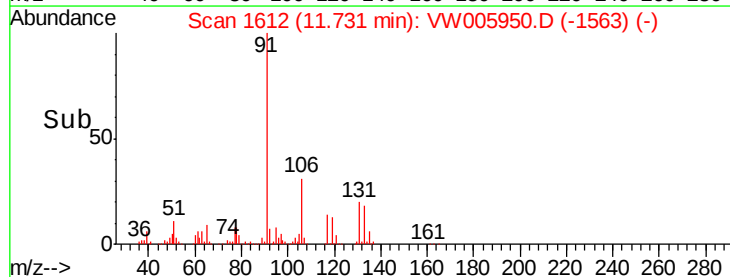
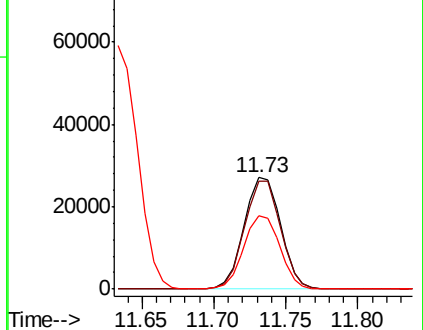
119 65.7 32.5 97.5

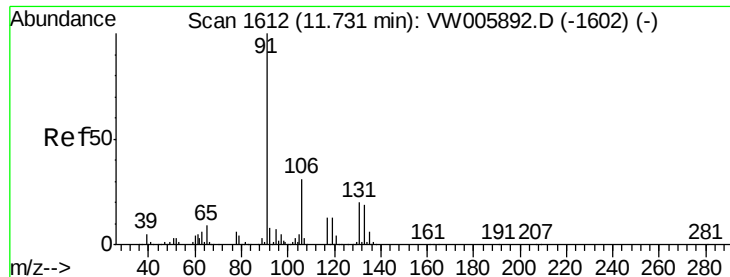


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





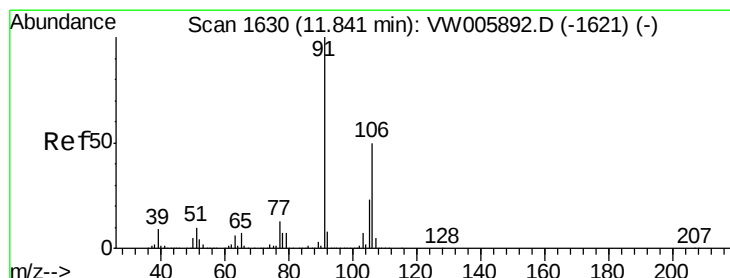
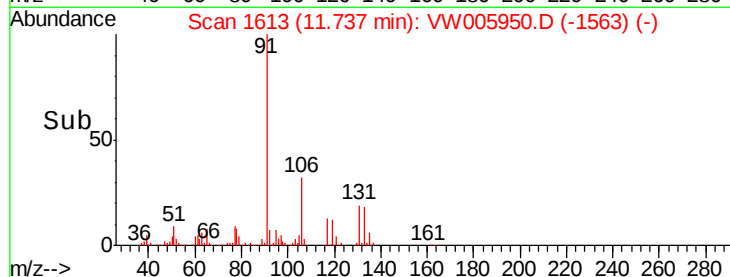
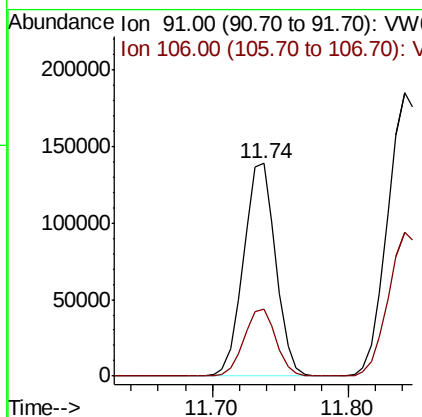
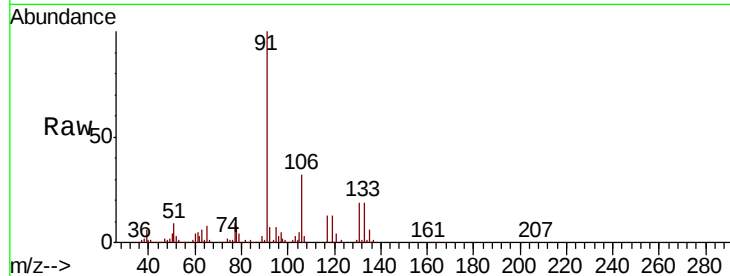
#67  
Ethyl Benzene  
Concen: 19.508 ug/l  
RT: 11.74 min Scan# 1613  
Delta R.T. 0.01 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1010SBS01

Tot Ion: 91 Resp: 229148  
Ion Ratio Lower Upper  
91 100  
106 31.8 25.0 37.6

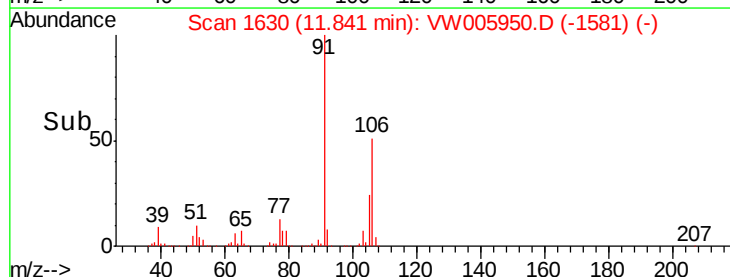
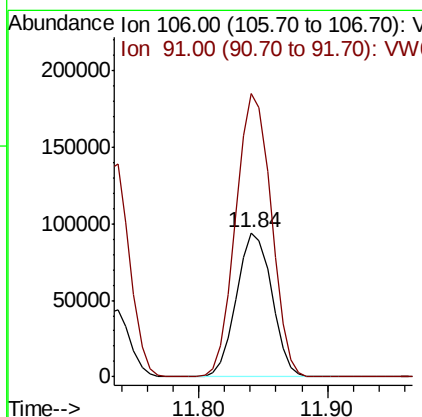
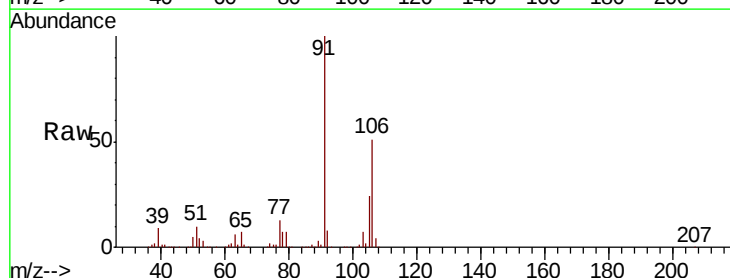
Manual Integrations  
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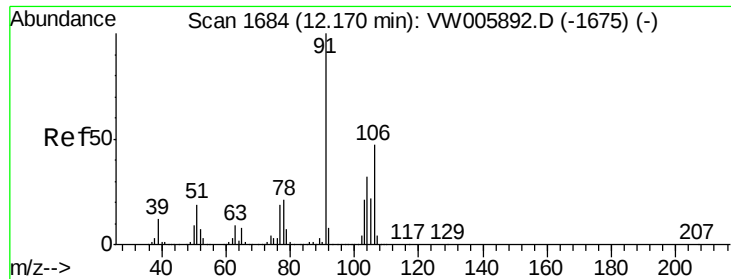
apatel  
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#68  
m/p-Xylenes  
Concen: 38.995 ug/l  
RT: 11.84 min Scan# 1630  
Delta R.T. -0.00 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

Tgt Ion: 106 Resp: 179006  
Ion Ratio Lower Upper  
106 100  
91 197.7 160.2 240.2





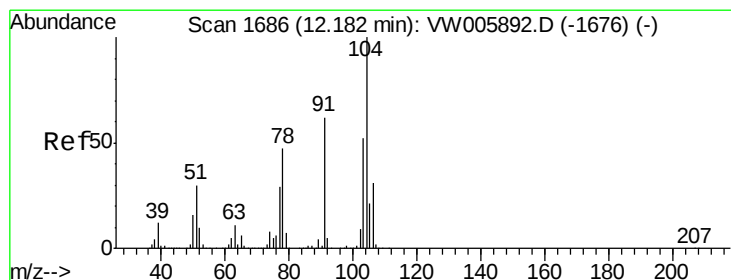
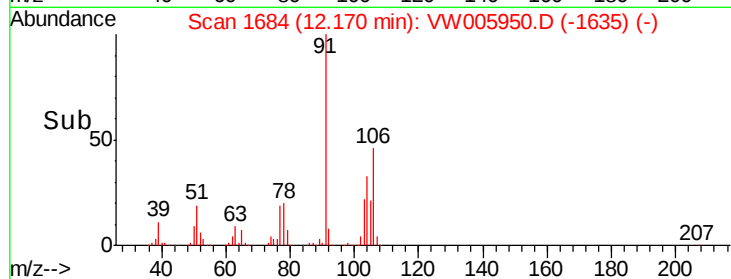
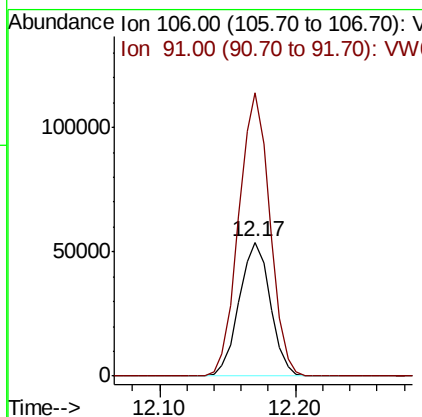
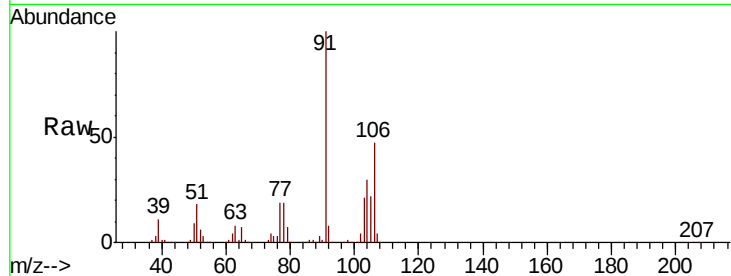
#69  
o-Xylene  
Concen: 19.623 ug/l  
RT: 12.17 min Scan# 1684  
Delta R.T. -0.00 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1010SBS01

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 106     | 100   |       | 86239 |       |       |
| 91      | 210.8 | 106.2 | 318.5 |       |       |

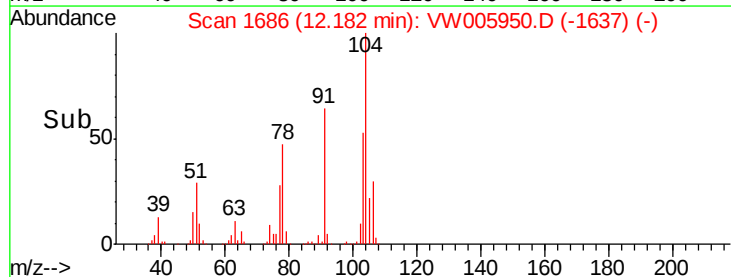
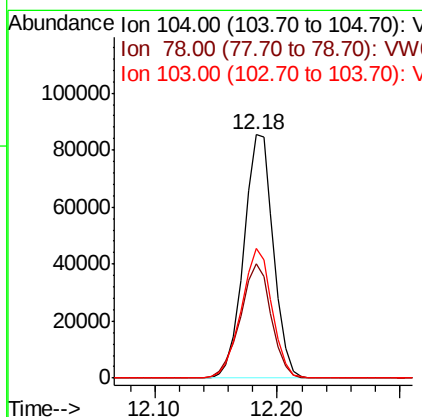
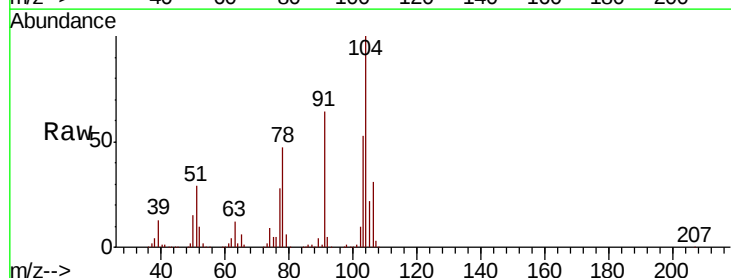
Manual Integrations  
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#70  
Styrene  
Concen: 19.590 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. -0.00 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 104     | 100  |       | 142841 |       |       |
| 78      | 49.2 | 40.4  | 60.6   |       |       |
| 103     | 55.4 | 44.2  | 66.2   |       |       |





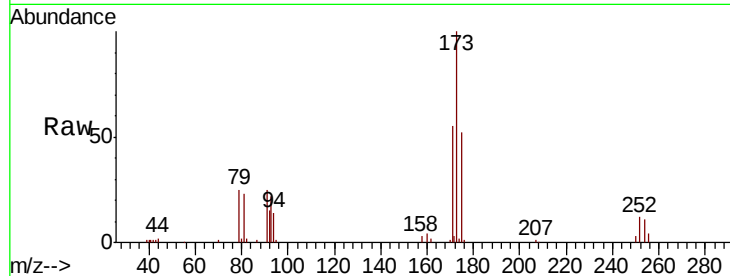
#71  
Bromoform  
Concen: 18.487 ug/l  
RT: 12.35 min Scan# 1714  
Delta R.T. -0.00 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1010SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.9  | 24.7  | 74.1  |
| 254     | 0.0   | 0.2   | 0.2   |

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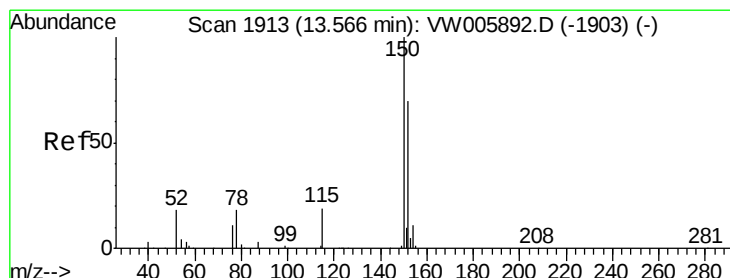
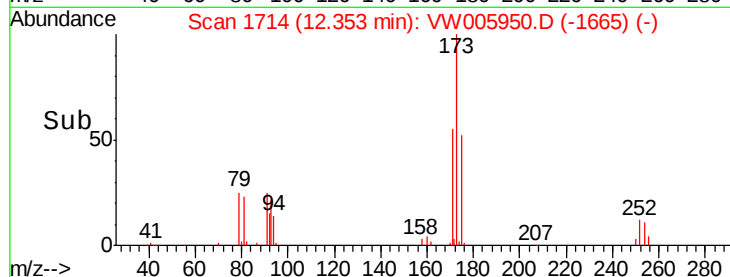
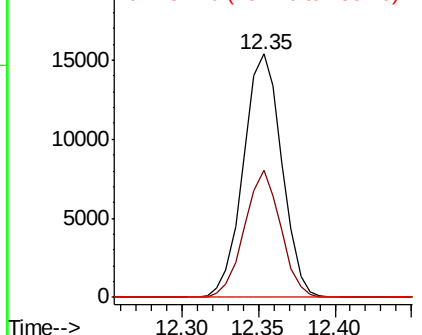


Abundance

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: 13.57 min Scan# 1913  
Delta R.T. -0.00 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

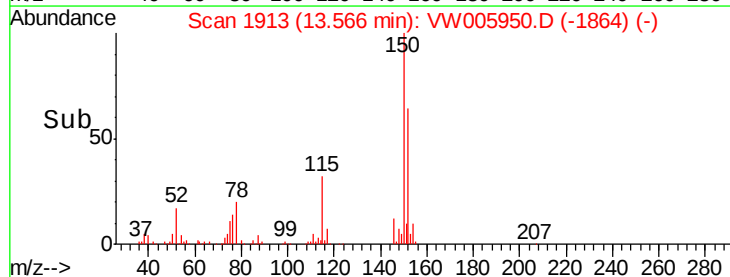
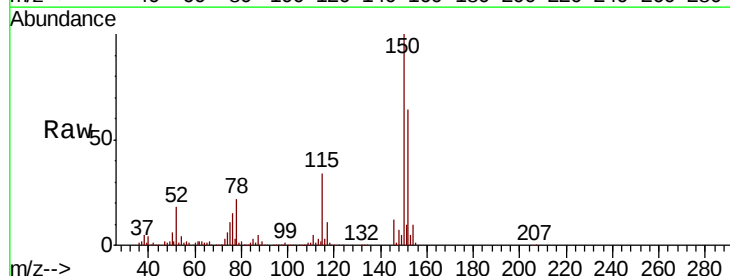
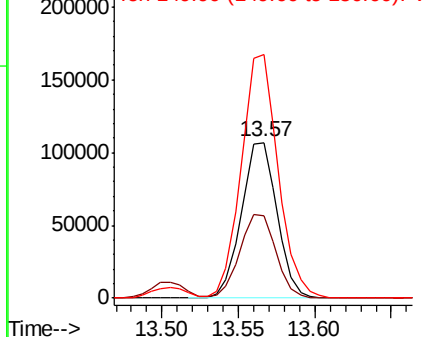
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 54.6  | 28.3  | 85.0  |
| 150     | 161.7 | 0.0   | 349.2 |

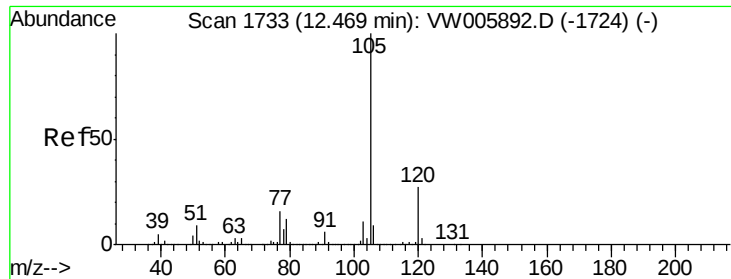
Abundance

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





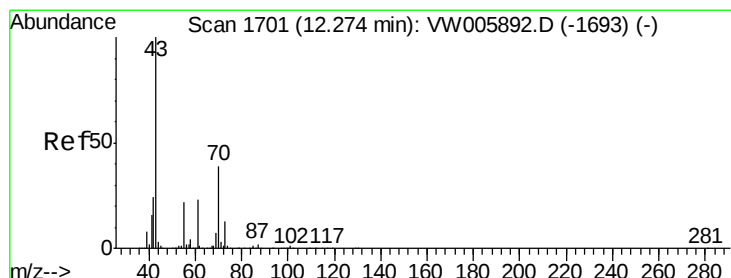
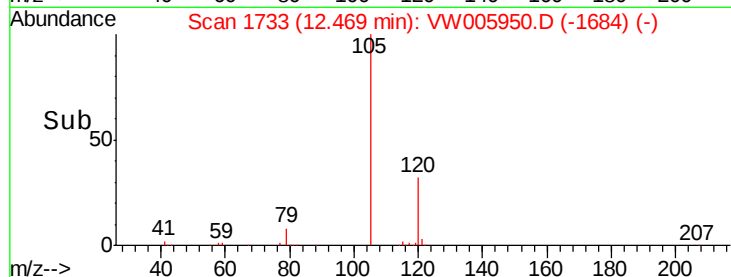
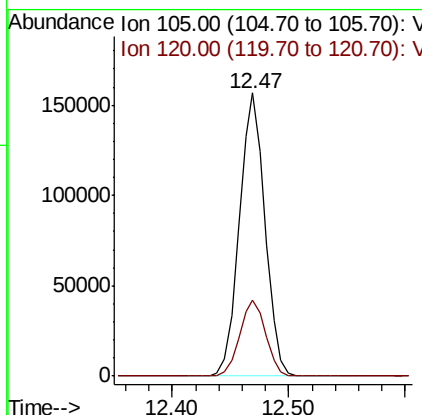
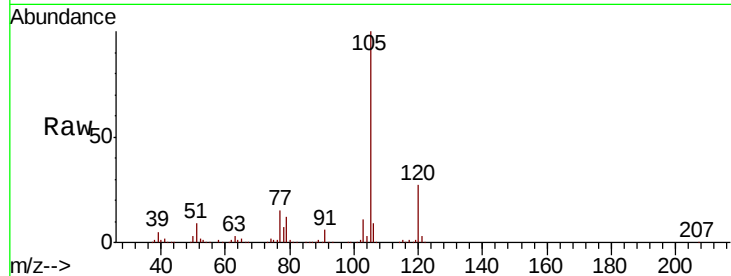
#73  
Isopropylbenzene  
Concen: 18.928 ug/l  
RT: 12.47 min Scan# 1733  
Delta R.T. -0.00 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1010SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 27.3  | 13.6  | 40.8  |

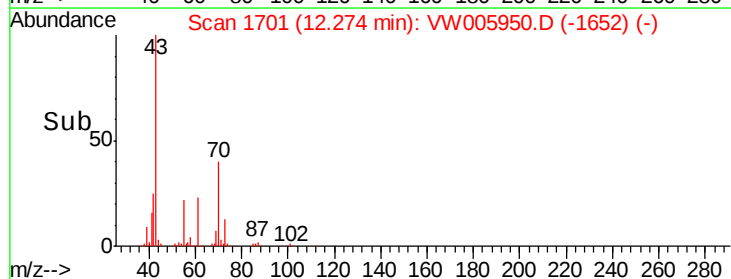
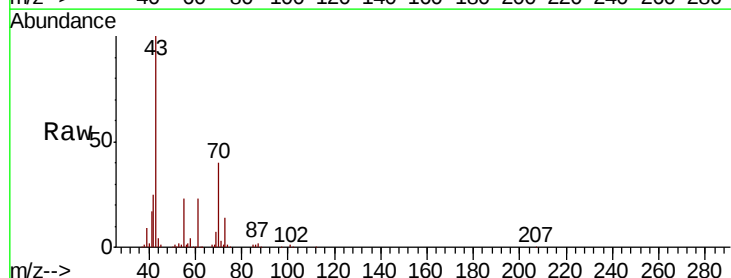
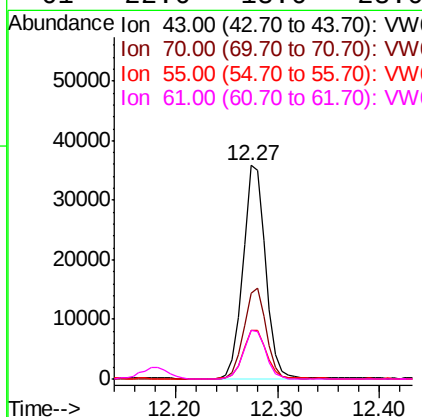
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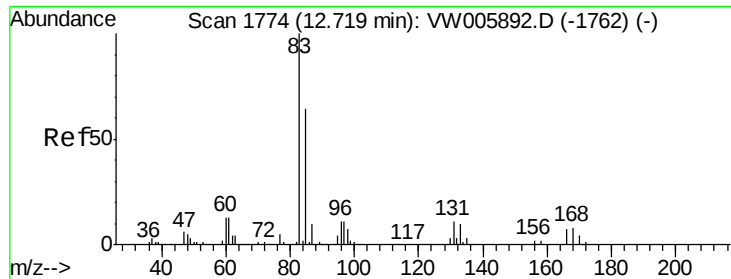
apatel  
10/10/2018 11:34:42 AM



#74  
N-ethyl acetate  
Concen: 18.344 ug/l  
RT: 12.27 min Scan# 1701  
Delta R.T. -0.00 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 42.2  | 31.6  | 47.4  |
| 55      | 23.8  | 17.9  | 26.9  |
| 61      | 22.6  | 18.6  | 28.0  |





#75

1,1,2,2-Tetrachloroethane

Concen: 20.115 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA\_W

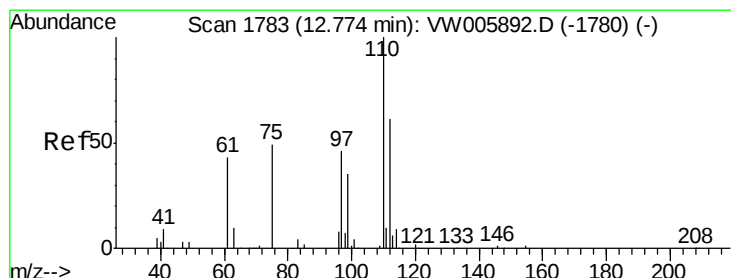
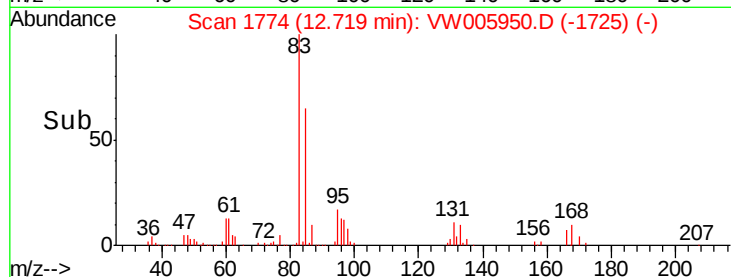
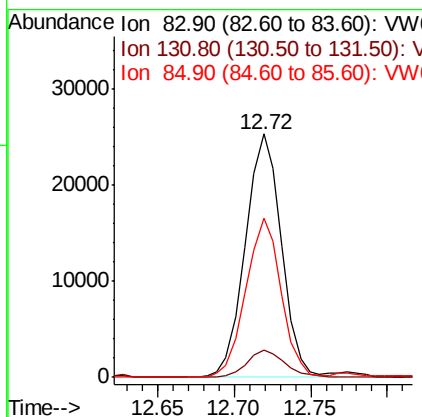
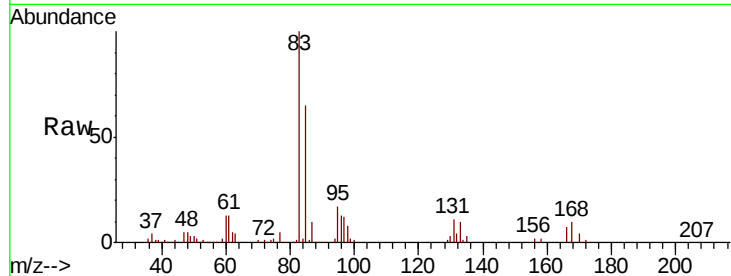
ClientSampleId :

VW1010SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 41672 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 11.8  | 5.8   | 17.3  |
| 85        | 63.6  | 32.4  | 97.0  |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 20.292 ug/l m

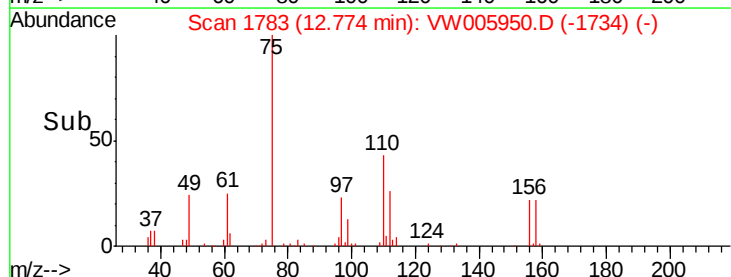
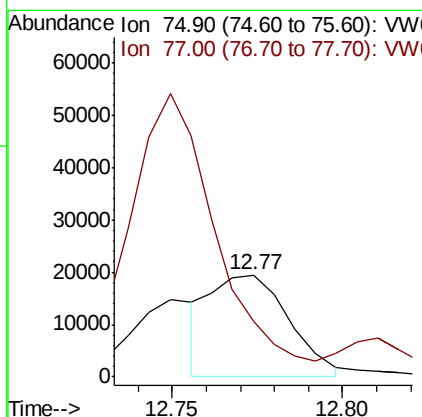
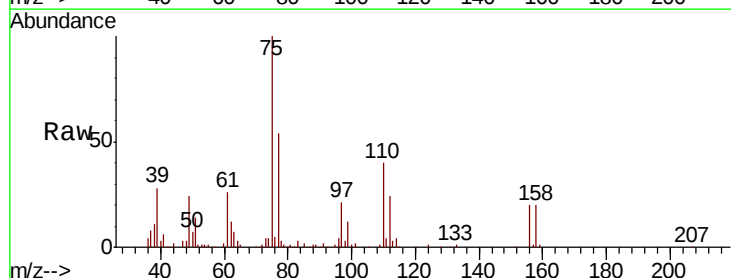
RT: 12.77 min Scan# 1783

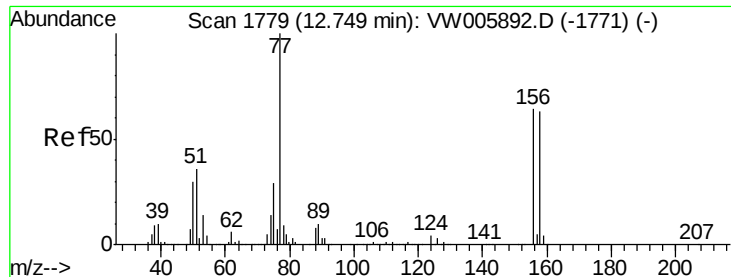
Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 31370 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 20.031 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA\_W

ClientSampleId :

VW1010SBS01

Tot Ion:156 Resp: 59983

Ion Ratio Lower Upper

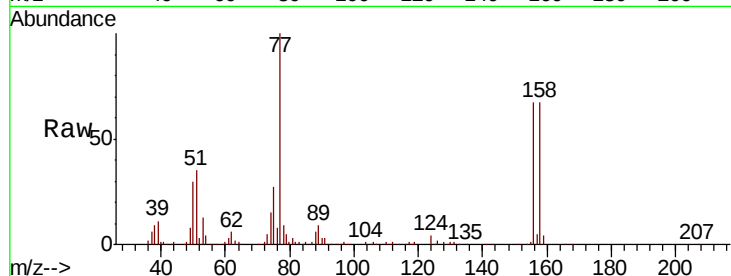
156 100

77 161.7 85.8 257.4

158 97.8 49.1 147.4

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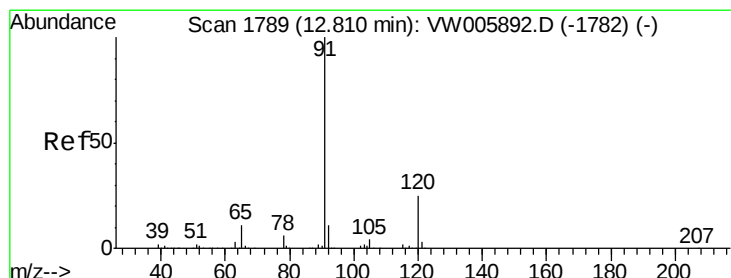
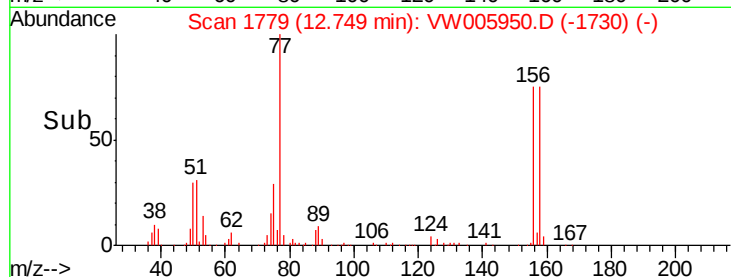
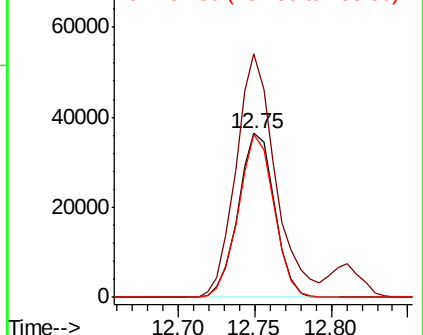
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.809 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005950.D

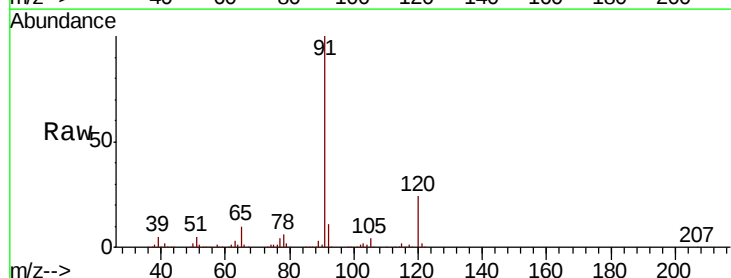
Acq: 09 Oct 2018 21:04

Tgt Ion: 91 Resp: 279655

Ion Ratio Lower Upper

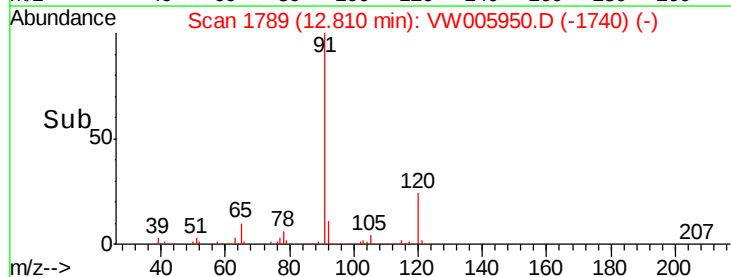
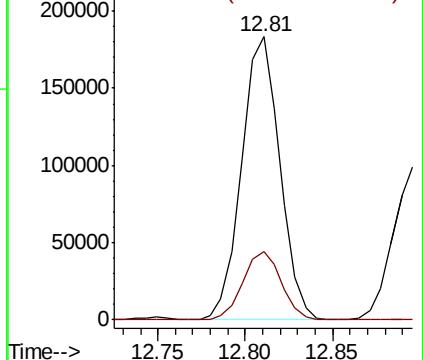
91 100

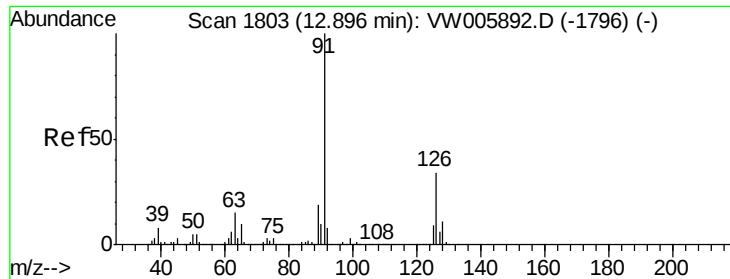
120 24.2 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





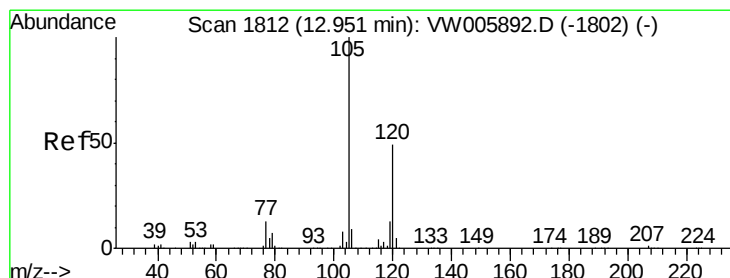
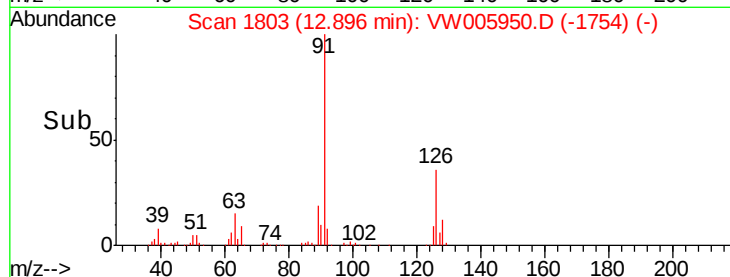
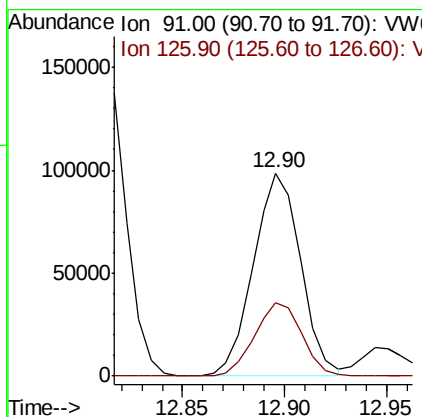
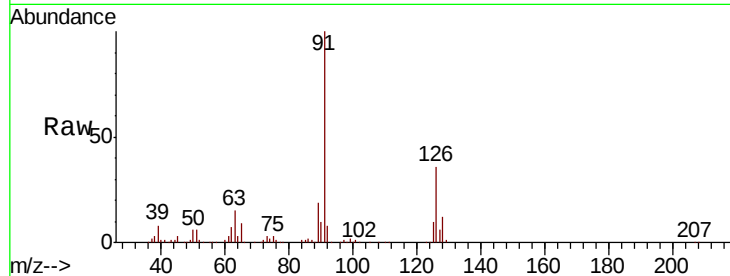
#79  
 2-Chlorotoluene  
 Concen: 18.885 ug/l  
 RT: 12.90 min Scan# 1803  
 Delta R.T. -0.00 min  
 Lab File: VW005950.D  
 Acq: 09 Oct 2018 21:04

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1010SBS01

Tot Ion: 91 Resp: 158503  
 Ion Ratio Lower Upper  
 91 100  
 126 36.6 17.5 52.5

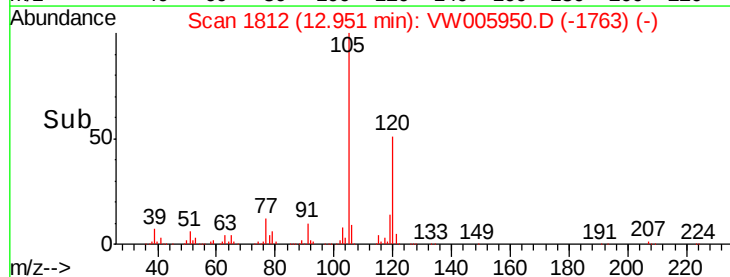
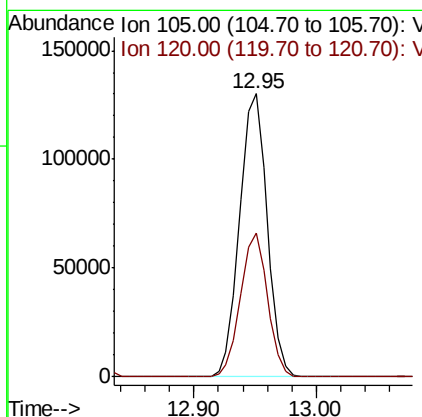
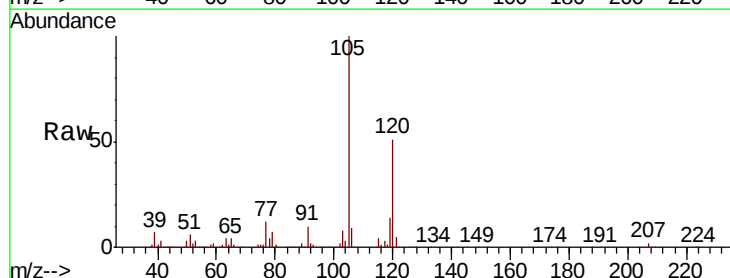
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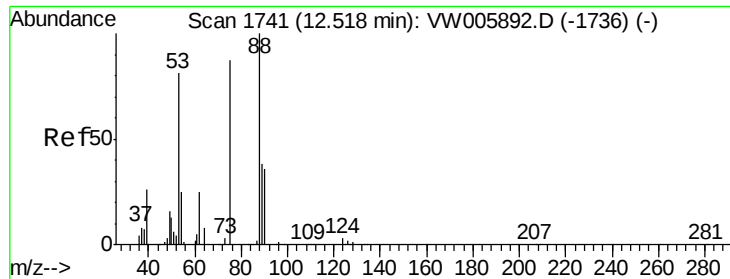
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 19.014 ug/l  
 RT: 12.95 min Scan# 1812  
 Delta R.T. -0.00 min  
 Lab File: VW005950.D  
 Acq: 09 Oct 2018 21:04

Tgt Ion: 105 Resp: 202892  
 Ion Ratio Lower Upper  
 105 100  
 120 49.9 24.6 73.8





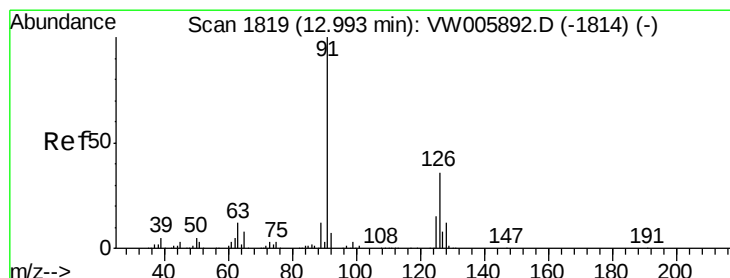
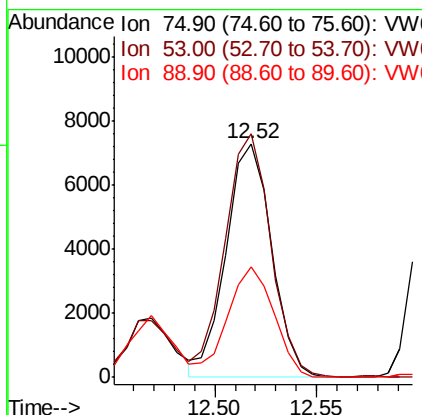
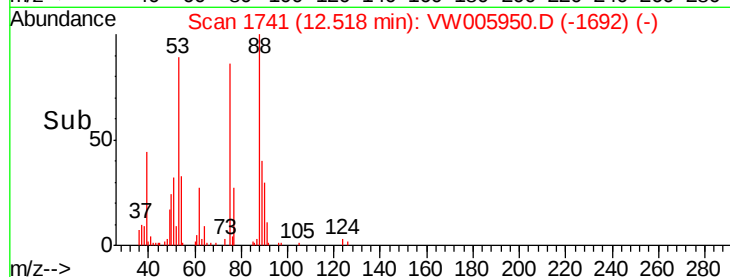
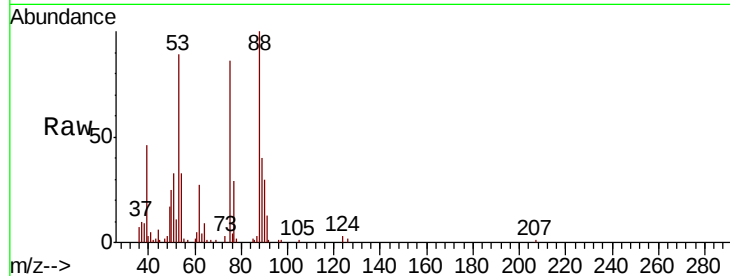
#81  
trans-1,4-Dichloro-2-butene  
Concen: 15.443 ug/l  
RT: 12.52 min Scan# 1741  
Delta R.T. -0.00 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1010SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 104.9 | 76.5  | 114.7 |
| 89      | 48.2  | 37.6  | 56.4  |

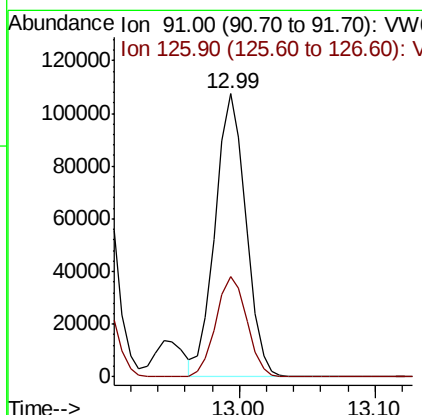
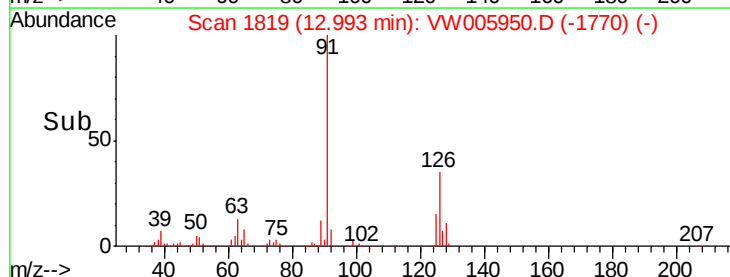
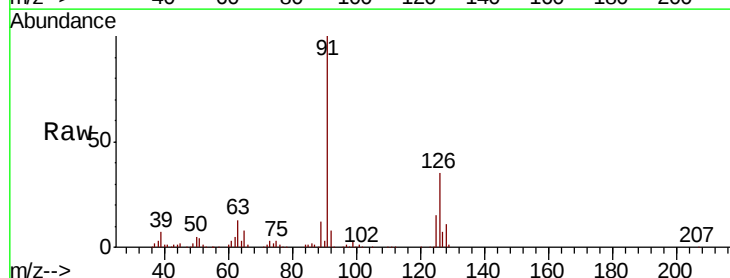
Manual Integrations  
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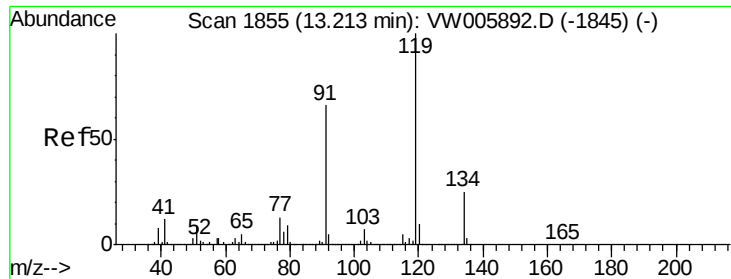
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#82  
4-Chlorotoluene  
Concen: 19.072 ug/l  
RT: 12.99 min Scan# 1819  
Delta R.T. -0.00 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 35.9  | 17.4  | 52.2  |





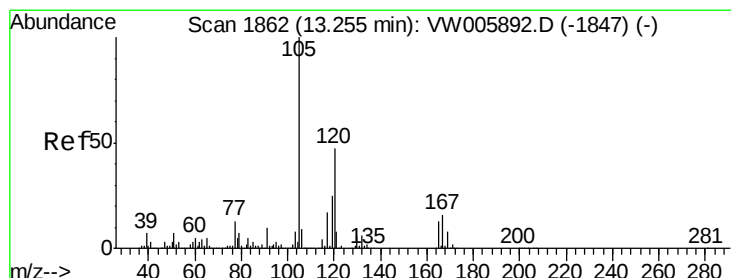
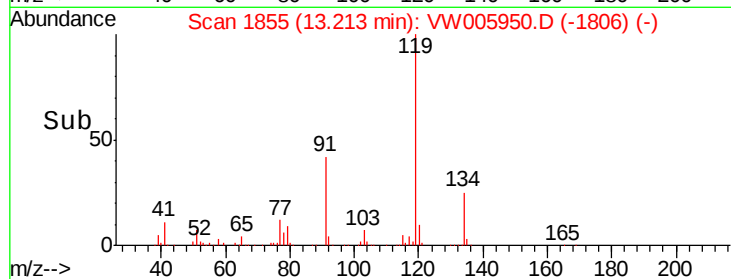
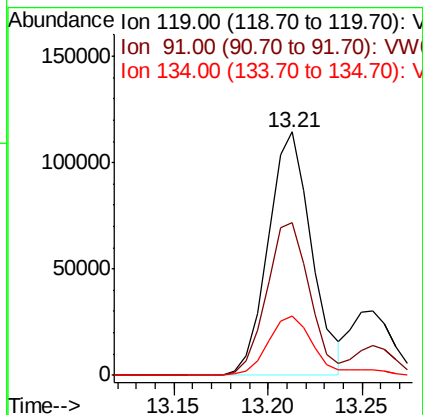
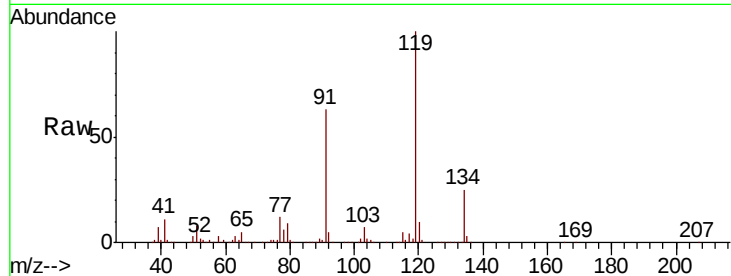
#83  
tert-Butylbenzene  
Concen: 19.219 ug/l  
RT: 13.21 min Scan# 1855  
Delta R.T. -0.00 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1010SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 62.5  | 32.4  | 97.0  |
| 134     | 26.8  | 13.2  | 39.6  |

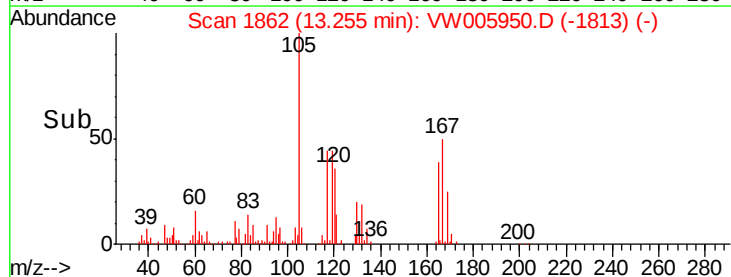
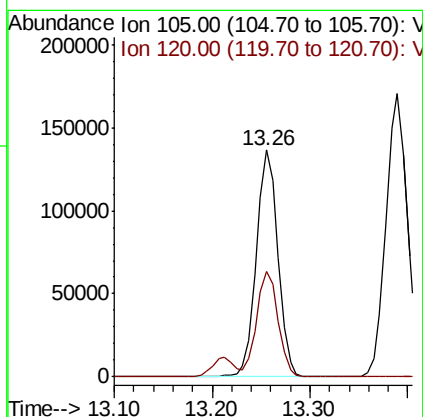
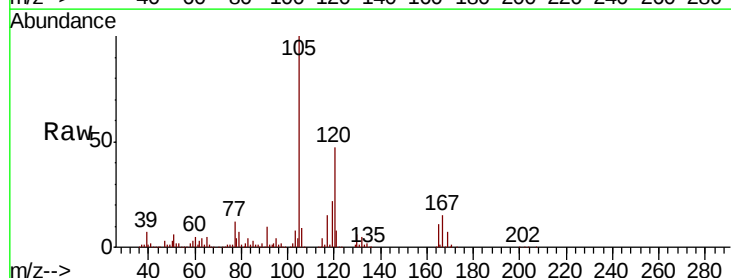
Manual Integrations  
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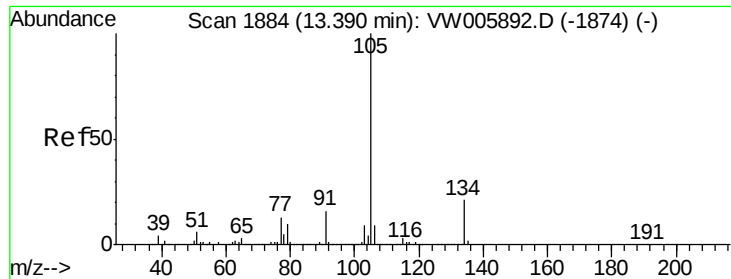
apatel  
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#84  
1,2,4-Trimethylbenzene  
Concen: 19.368 ug/l  
RT: 13.26 min Scan# 1862  
Delta R.T. -0.00 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 46.1  | 22.8  | 68.3  |





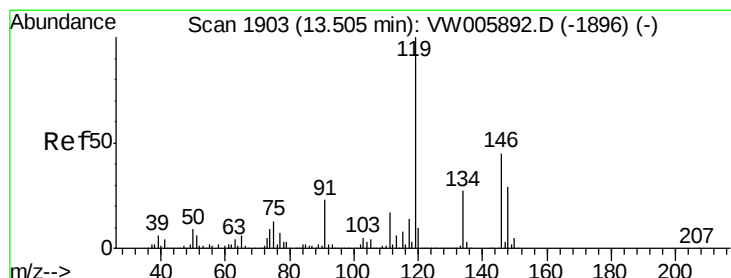
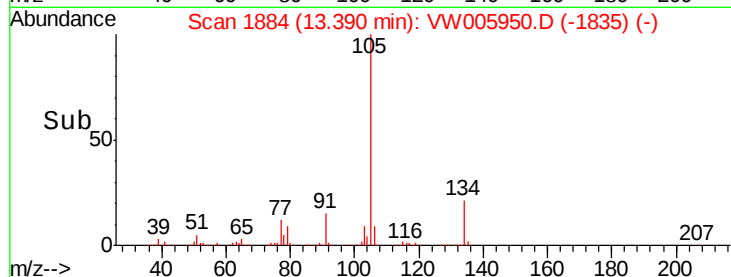
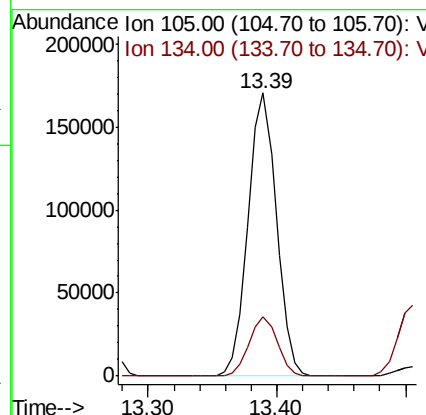
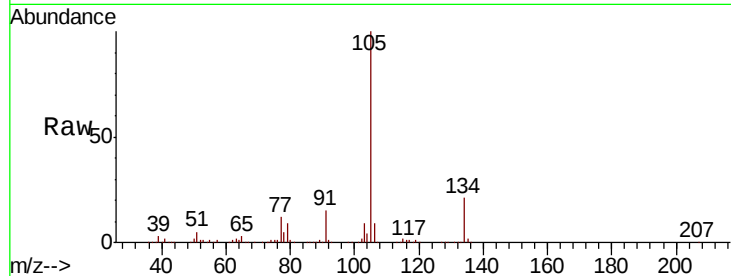
#85  
 sec-Butylbenzene  
 Concen: 19.409 ug/l  
 RT: 13.39 min Scan# 1884  
 Delta R.T. -0.00 min  
 Lab File: VW005950.D  
 Acq: 09 Oct 2018 21:04

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1010SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 20.9  | 10.4  | 31.4  |

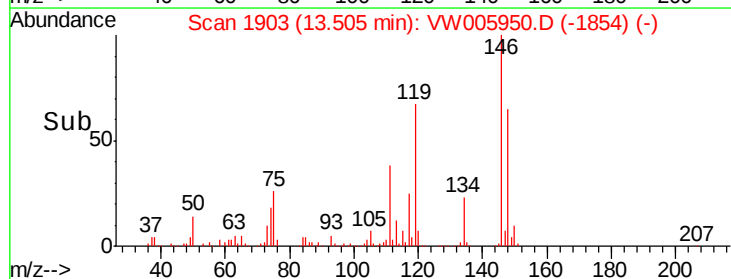
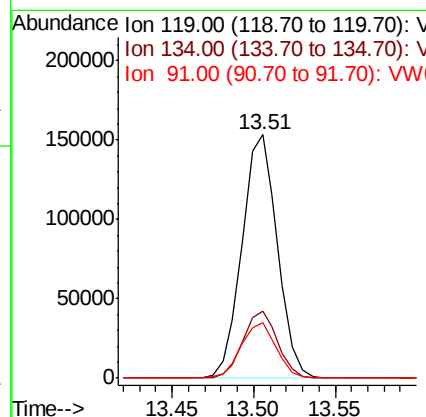
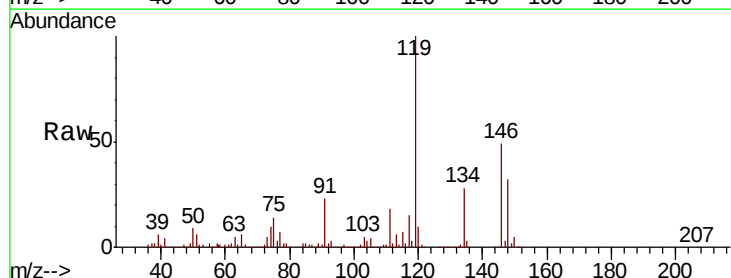
Manual Integrations  
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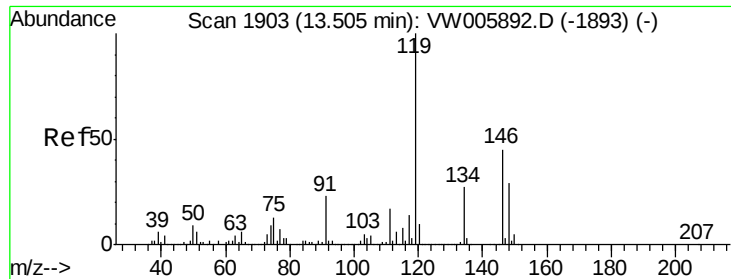
apatel  
 10/10/2018 11:34:42 AM



#86  
 p-Isopropyltoluene  
 Concen: 19.229 ug/l  
 RT: 13.51 min Scan# 1903  
 Delta R.T. -0.00 min  
 Lab File: VW005950.D  
 Acq: 09 Oct 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 27.1  | 13.5  | 40.5  |
| 91      | 22.8  | 11.9  | 35.5  |





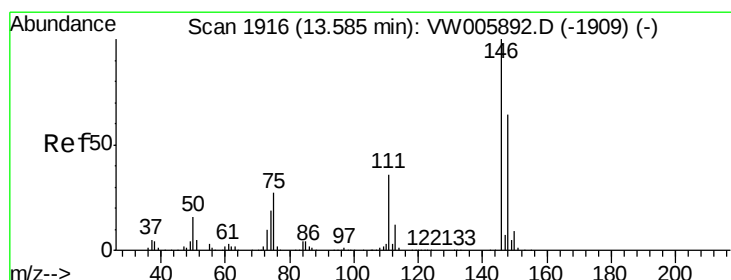
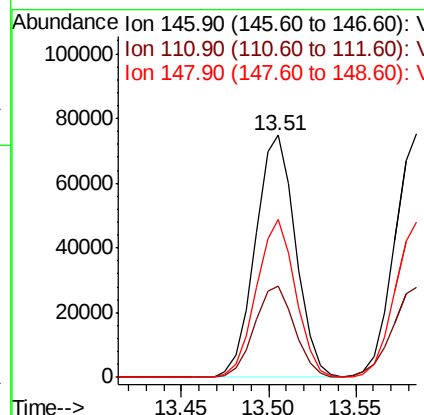
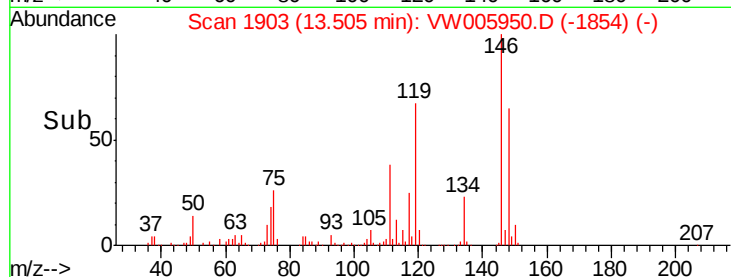
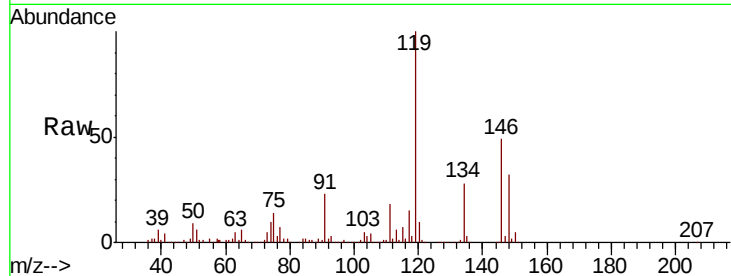
#87  
 1,3-Dichlorobenzene  
 Concen: 20.253 ug/l  
 RT: 13.51 min Scan# 1903  
 Delta R.T. -0.00 min  
 Lab File: VW005950.D  
 Acq: 09 Oct 2018 21:04

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1010SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.6  | 19.5  | 58.5  |
| 148     | 63.4  | 32.1  | 96.5  |

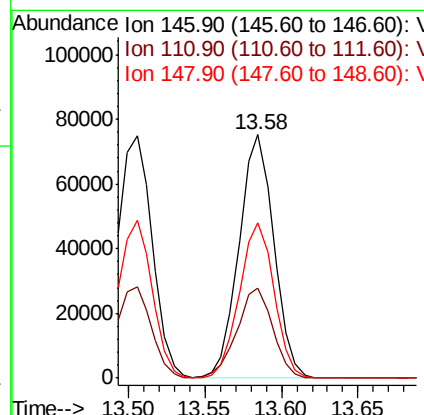
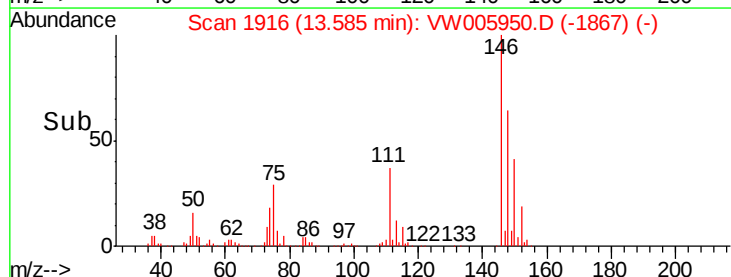
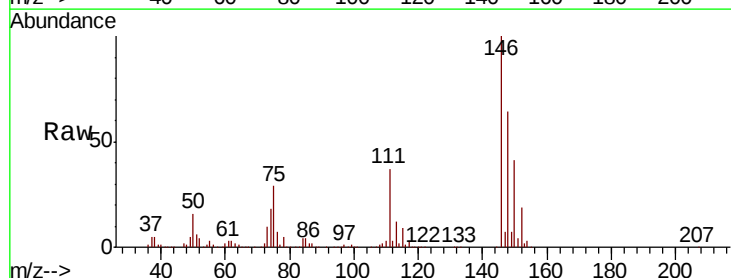
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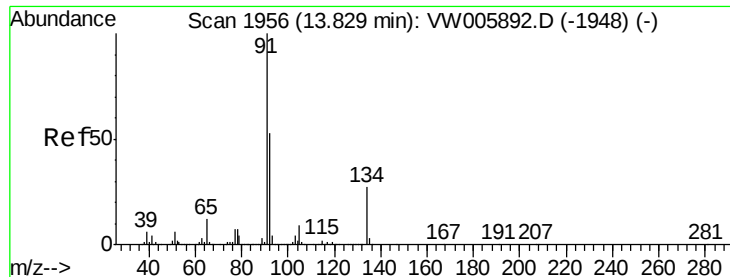
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#88  
 1,4-Dichlorobenzene  
 Concen: 20.129 ug/l  
 RT: 13.58 min Scan# 1916  
 Delta R.T. -0.00 min  
 Lab File: VW005950.D  
 Acq: 09 Oct 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.1  | 19.0  | 57.0  |
| 148     | 63.7  | 32.0  | 96.2  |





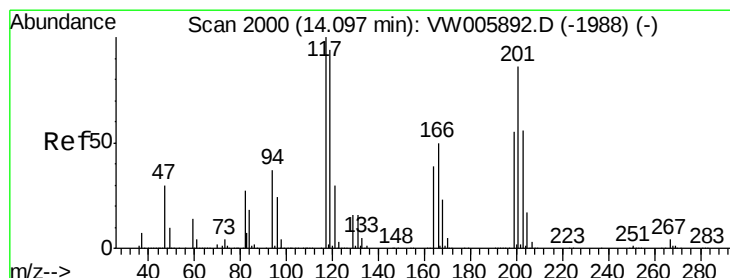
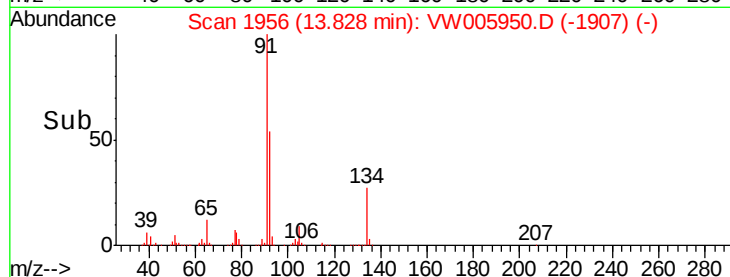
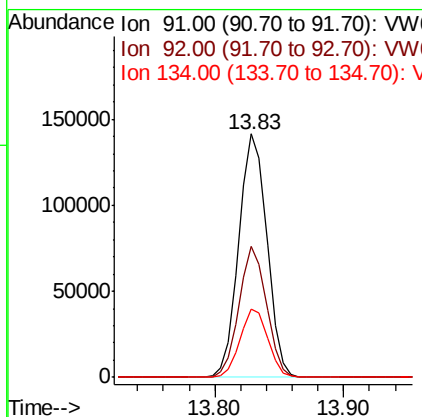
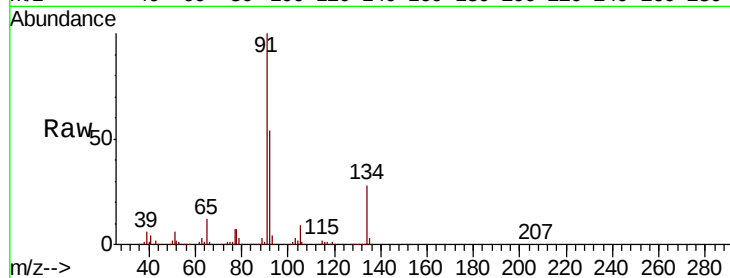
#89  
n-Butylbenzene  
Concen: 18.899 ug/l  
RT: 13.83 min Scan# 1956  
Delta R.T. -0.00 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1010SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.4  | 26.6  | 79.8  |
| 134     | 27.9  | 13.8  | 41.4  |

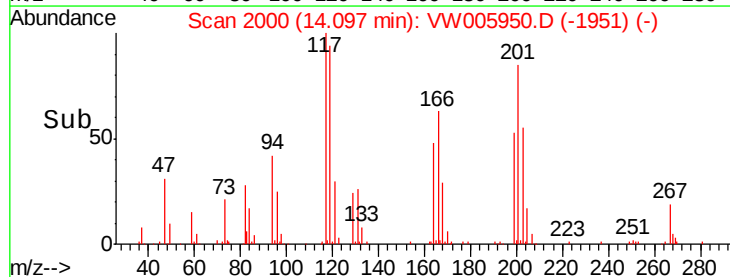
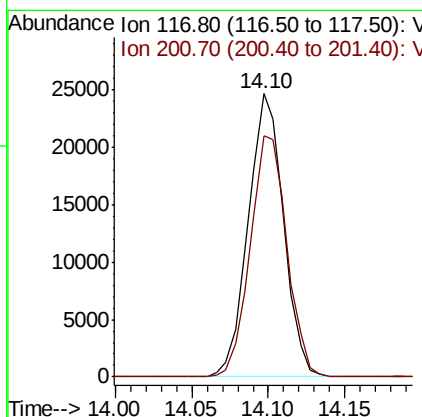
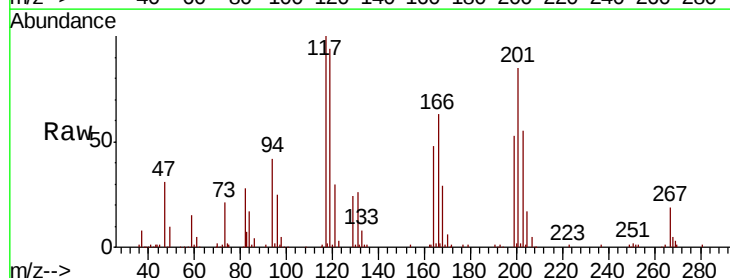
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#90  
Hexachloroethane  
Concen: 17.593 ug/l  
RT: 14.10 min Scan# 2000  
Delta R.T. -0.00 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 88.2  | 44.5  | 133.5 |





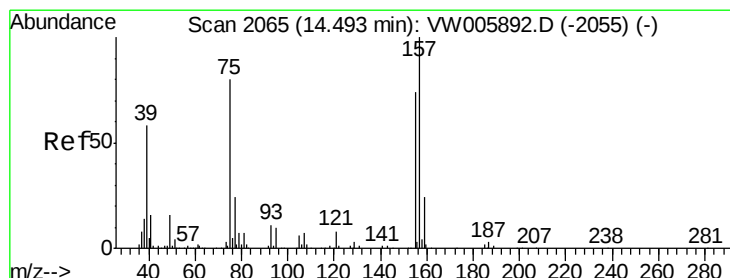
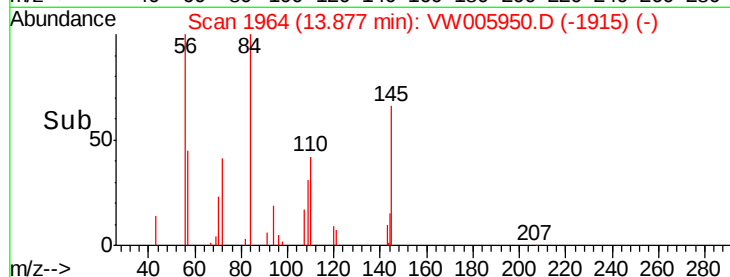
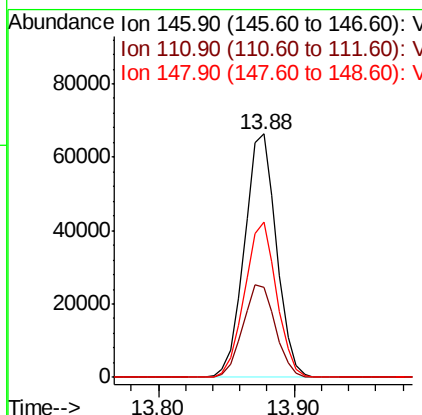
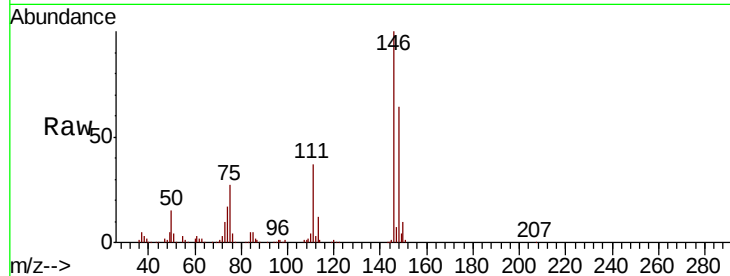
#91  
 1,2-Dichlorobenzene  
 Concen: 20.607 ug/l  
 RT: 13.88 min Scan# 1964  
 Delta R.T. -0.00 min  
 Lab File: VW005950.D  
 Acq: 09 Oct 2018 21:04

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1010SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.7  | 20.3  | 61.0  |
| 148     | 63.6  | 32.5  | 97.4  |

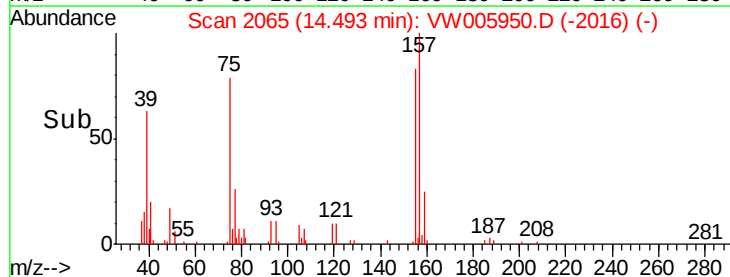
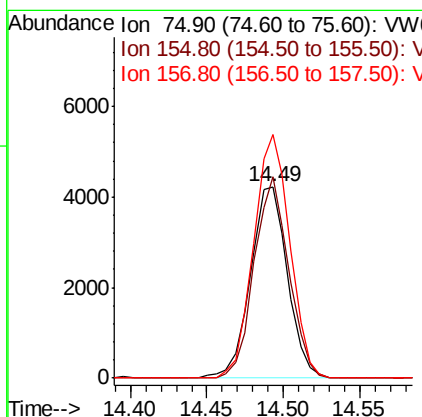
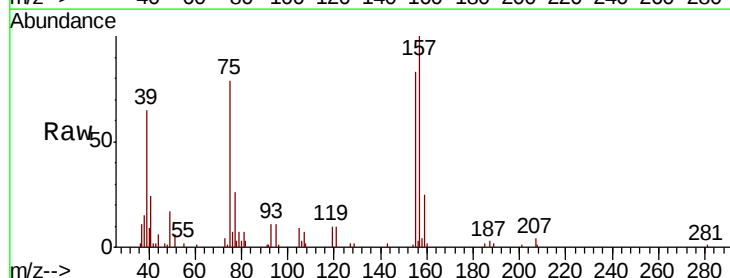
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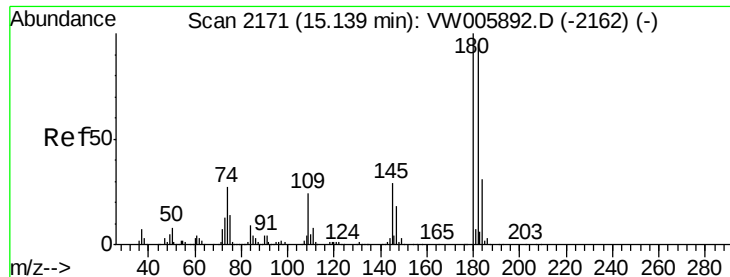
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.494 ug/l  
 RT: 14.49 min Scan# 2065  
 Delta R.T. -0.00 min  
 Lab File: VW005950.D  
 Acq: 09 Oct 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 97.8  | 44.8  | 134.3 |
| 157     | 124.1 | 58.9  | 176.6 |





#93

1,2,4-Trichlorobenzene

Concen: 20.120 ug/l

RT: 15.14 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA\_W

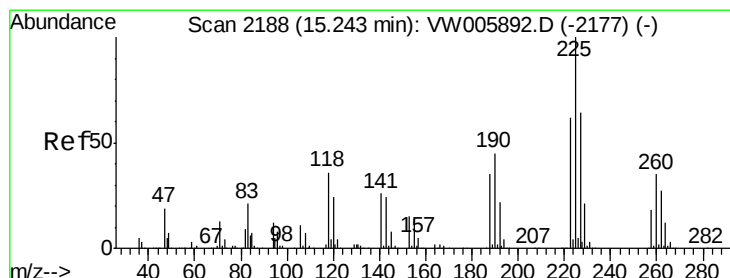
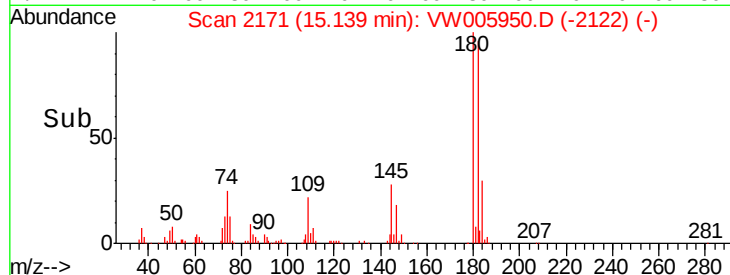
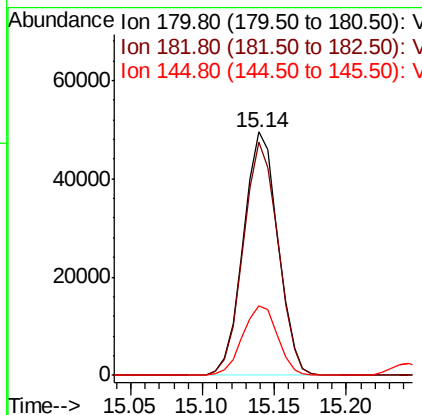
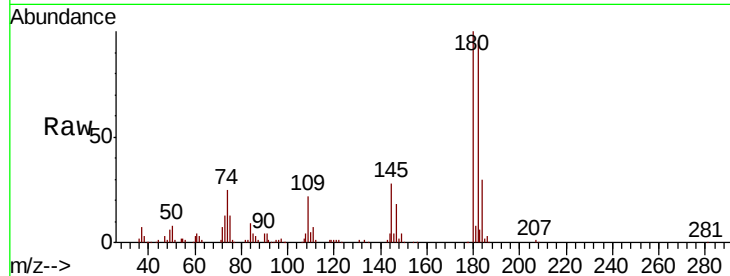
ClientSampleId :

VW1010SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 180   | Resp: | 82399 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.8  | 47.8  | 143.3 |
| 145       | 28.6  | 14.5  | 43.6  |

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#94

Hexachlorobutadiene

Concen: 19.018 ug/l

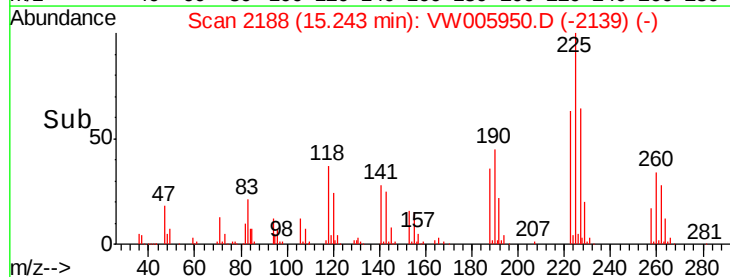
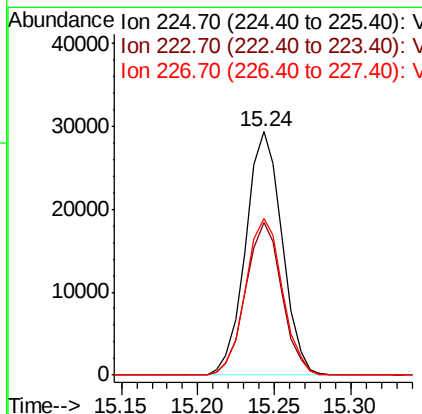
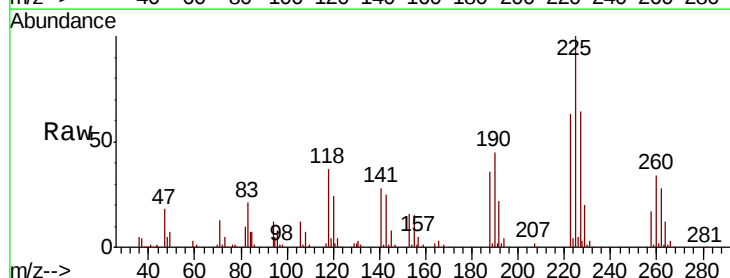
RT: 15.24 min Scan# 2188

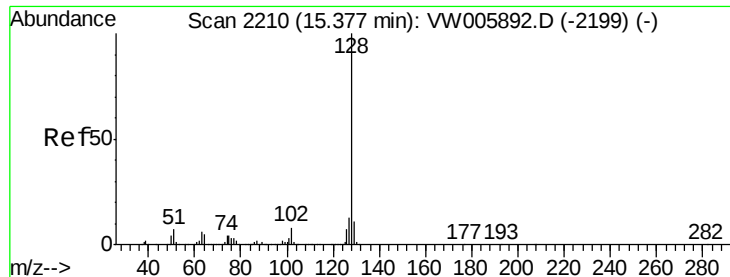
Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 48616 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 62.3  | 31.2  | 93.6  |
| 227       | 64.9  | 31.9  | 95.9  |





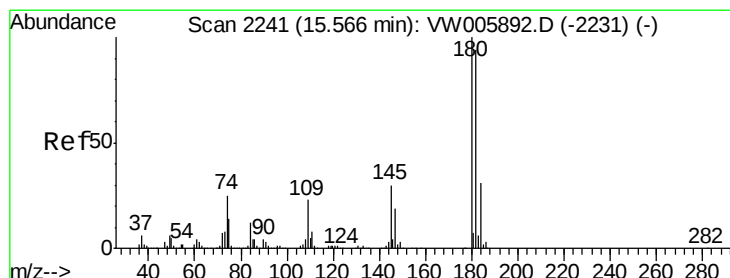
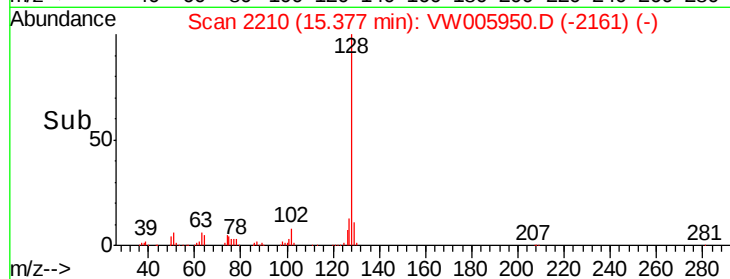
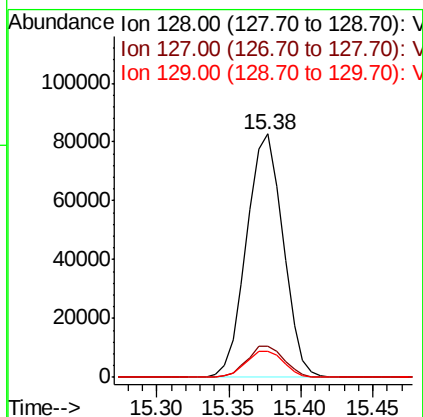
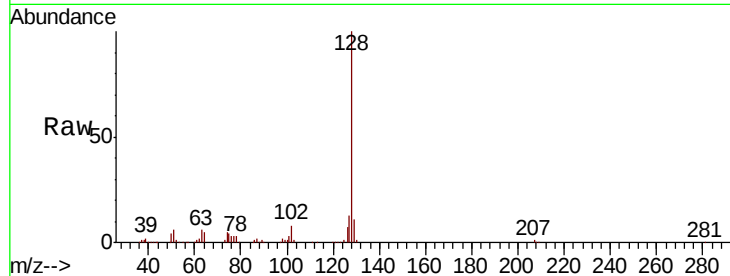
#95  
Naphthalene  
Concen: 20.612 ug/l  
RT: 15.38 min Scan# 2210  
Delta R.T. -0.00 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1010SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.2  | 10.5  | 15.7  |
| 129     | 11.0  | 8.9   | 13.3  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 20.446 ug/l  
RT: 15.57 min Scan# 2241  
Delta R.T. -0.00 min  
Lab File: VW005950.D  
Acq: 09 Oct 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.3  | 47.6  | 142.8 |
| 145     | 30.8  | 15.3  | 45.9  |

