

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW081918\  
 Data File : VW004762.D  
 Acq On : 18 Aug 2018 06:05  
 Operator : SY/AP  
 Sample : VW0819SBS02  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0819SBS02

Quant Time: Aug 18 06:51:47 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W081918S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 18 01:49:53 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 616131   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.85  | 114  | 963125   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 916656   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 487169   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 319132   | 53.57 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 107.14% |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 320311   | 52.04 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.08% |      |
| 50) Toluene-d8            | 10.33  | 98  | 1260999  | 52.48 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.96% |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 454568   | 52.58 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.16% |      |

## Target Compounds

|                               |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 2.01 | 85  | 80594   | 19.748  | ug/l   | 96     |
| 3) Chloromethane              | 2.21 | 50  | 113960  | 21.357  | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.37 | 62  | 174193  | 22.178  | ug/l   | 100    |
| 5) Bromomethane               | 2.78 | 94  | 110012  | 22.679  | ug/l   | 100    |
| 6) Chloroethane               | 2.92 | 64  | 105474  | 22.255  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 3.26 | 101 | 79142   | 21.388  | ug/l   | 100    |
| 8) Diethyl Ether              | 3.68 | 74  | 76821   | 22.962  | ug/l   | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101 | 134395  | 21.092  | ug/l   | 99     |
| 10) Methyl Iodide             | 4.26 | 142 | 217044  | 22.430  | ug/l   | 100    |
| 11) Tert butyl alcohol        | 5.21 | 59  | 37938   | 113.999 | ug/l # | 91     |
| 12) 1,1-Dichloroethene        | 4.04 | 96  | 136998  | 21.577  | ug/l   | 96     |
| 13) Acrolein                  | 3.89 | 56  | 48489   | 108.577 | ug/l   | 97     |
| 14) Allyl chloride            | 4.67 | 41  | 207092  | 21.492  | ug/l   | 99     |
| 15) Acrylonitrile             | 5.37 | 53  | 164267  | 117.080 | ug/l   | 98     |
| 16) Acetone                   | 4.14 | 43  | 148670  | 97.770  | ug/l   | 98     |
| 17) Carbon Disulfide          | 4.37 | 76  | 458040  | 21.951  | ug/l   | 98     |
| 18) Methyl Acetate            | 4.68 | 43  | 76429   | 23.455  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 5.42 | 73  | 189374  | 22.976  | ug/l   | 100    |
| 20) Methylene Chloride        | 4.91 | 84  | 183442  | 24.194  | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 5.42 | 96  | 151315  | 22.398  | ug/l   | 95     |
| 22) Diisopropyl ether         | 6.31 | 45  | 440456  | 23.782  | ug/l   | 99     |
| 23) Vinyl Acetate             | 6.26 | 43  | 1150075 | 109.786 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 6.21 | 63  | 270481  | 22.474  | ug/l   | 99     |
| 25) 2-Butanone                | 7.18 | 43  | 237532  | 109.634 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 7.17 | 77  | 134731  | 19.382  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96  | 163051  | 22.419  | ug/l   | 99     |
| 28) Bromochloromethane        | 7.51 | 49  | 108833  | 21.474  | ug/l   | 100    |
| 29) Tetrahydrofuran           | 7.54 | 42  | 126344  | 114.360 | ug/l   | 99     |
| 30) Chloroform                | 7.68 | 83  | 266555  | 22.520  | ug/l   | 97     |
| 31) Cyclohexane               | 7.96 | 56  | 244785  | 21.028  | ug/l   | 96     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97  | 205230  | 21.873  | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 8.09 | 75  | 207798  | 20.943  | ug/l   | 100    |
| 37) Ethyl Acetate             | 7.26 | 43  | 89053   | 22.516  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 189089  | 20.704  | ug/l   | 97     |

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 Sample : VW0819SBS02  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0819SBS02

Quant Time: Aug 18 06:51:47 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W081918S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 18 01:49:53 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 243399   | 19.616  | ug/l   | 97       |
| 40) Benzene                    | 8.32  | 78   | 624823   | 21.669  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.49  | 41   | 47612    | 21.211  | ug/l   | 93       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 164004   | 22.180  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.43  | 43   | 157204   | 22.128  | ug/l   | 99       |
| 44) Trichloroethene            | 9.09  | 130  | 153816   | 21.014  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 151914   | 21.538  | ug/l   | 99       |
| 46) Dibromomethane             | 9.46  | 93   | 77433    | 22.160  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.65  | 83   | 179358   | 21.492  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.44  | 41   | 74063    | 22.217  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.48  | 88   | 24012    | 470.350 | ug/l # | 85       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 538558   | 112.166 | ug/l   | 99       |
| 52) Toluene                    | 10.39 | 92   | 382194   | 22.100  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 172832   | 20.556  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 205555   | 20.507  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 112409   | 22.631  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 126594   | 21.326  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 189351   | 22.085  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 301173   | 109.793 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.98 | 43   | 357202   | 109.797 | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.13 | 129  | 120813   | 21.679  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 102658   | 21.622  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.87 | 164  | 145928   | 23.294  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.66 | 112  | 417341   | 21.153  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 141301   | 21.211  | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.74 | 91   | 700152   | 20.933  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.85 | 106  | 555680   | 42.703  | ug/l   | 99       |
| 69) o-Xylene                   | 12.17 | 106  | 256514   | 21.294  | ug/l   | 99       |
| 70) Styrene                    | 12.19 | 104  | 435949   | 21.544  | ug/l   | 100      |
| 71) Bromoform                  | 12.35 | 173  | 73679    | 20.955  | ug/l # | 97       |
| 73) Isopropylbenzene           | 12.47 | 105  | 694061   | 20.942  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.28 | 43   | 146078   | 21.325  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.72 | 83   | 135645   | 22.094  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 165251   | 38.480  | ug/l # | 100      |
| 77) Bromobenzene               | 12.75 | 156  | 171655   | 21.398  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.81 | 91   | 865666   | 21.405  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 496645   | 21.304  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.95 | 105  | 614128   | 21.811  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75   | 35223    | 19.063  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 532986   | 21.518  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.21 | 119  | 502895   | 20.881  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 633768   | 21.878  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.39 | 105  | 757800   | 21.075  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.51 | 119  | 657051   | 21.001  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.51 | 146  | 350946   | 21.507  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.59 | 146  | 348497   | 21.366  | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.84 | 91   | 608297   | 20.110  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.10 | 117  | 116634   | 20.452  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.88 | 146  | 319133   | 21.774  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 21071    | 21.960  | ug/l   | 97       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW081918\  
Data File : VW004762.D  
Acq On : 18 Aug 2018 06:05  
Operator : SY/AP  
Sample : VW0819SBSD02  
Misc : 5.00G/5ML/MSVOA\_W/SOIL  
ALS Vial : 36 Sample Multiplier: 1

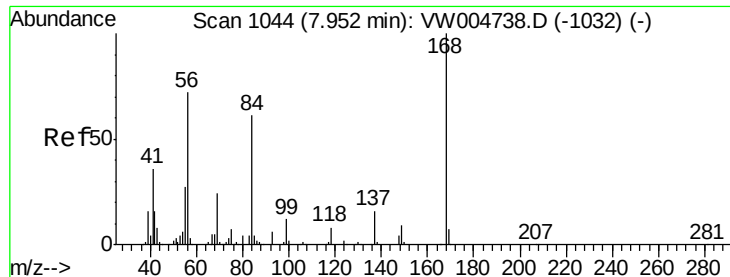
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0819SBSD02

Quant Time: Aug 18 06:51:47 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W081918S.M  
Quant Title : SW846 8260  
QLast Update : Sat Aug 18 01:49:53 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.14 | 180  | 213819   | 20.627 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 124791   | 19.613 | ug/l  | 99       |
| 95) Naphthalene            | 15.38 | 128  | 378432   | 21.027 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.57 | 180  | 195109   | 21.225 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampleId :

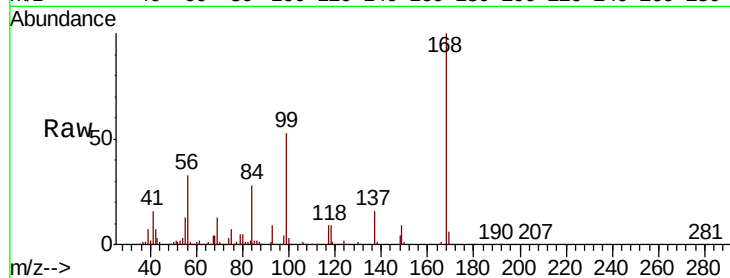
VW0819SBS02

Tgt Ion:168 Resp: 616131

Ion Ratio Lower Upper

168 100

99 53.2 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

300000

250000

200000

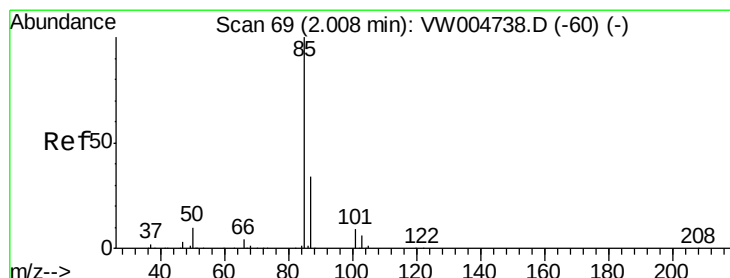
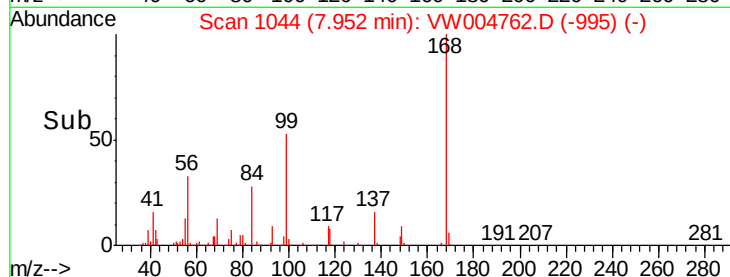
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 19.748 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004762.D

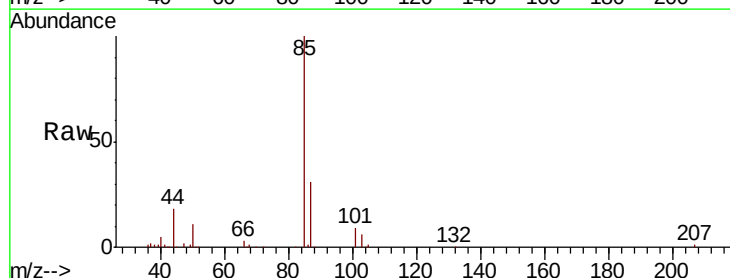
Acq: 18 Aug 2018 06:05

Tgt Ion: 85 Resp: 80594

Ion Ratio Lower Upper

85 100

87 31.4 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

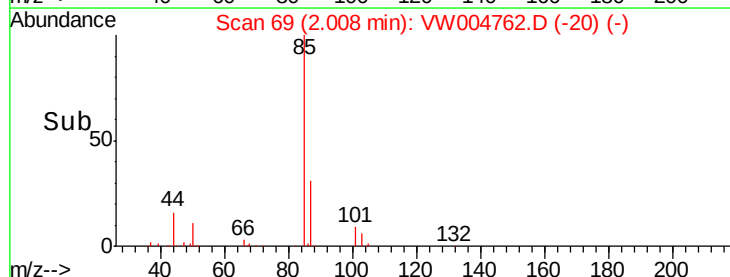
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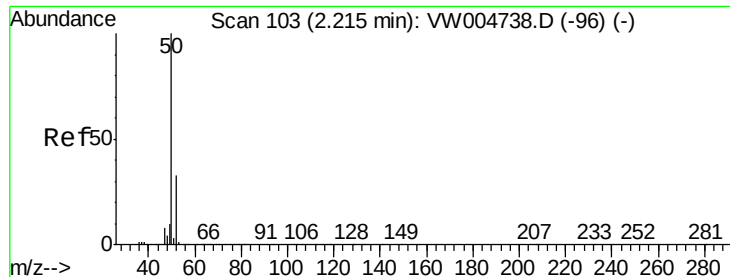
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 21.357 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.01 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampleId :

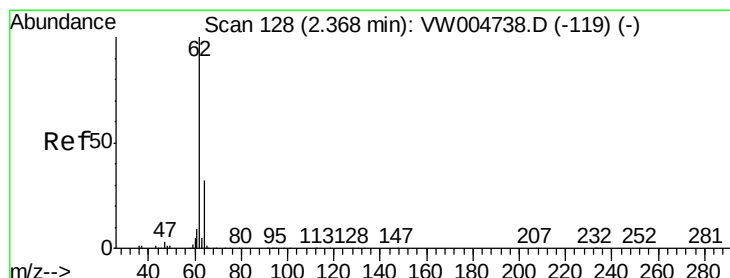
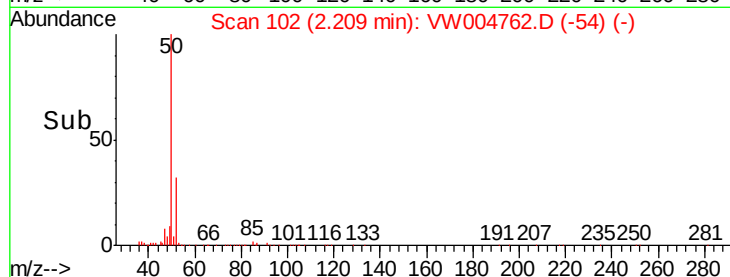
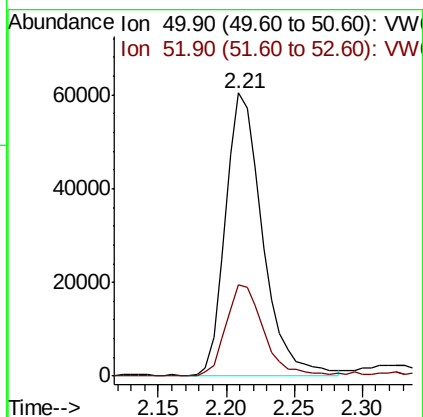
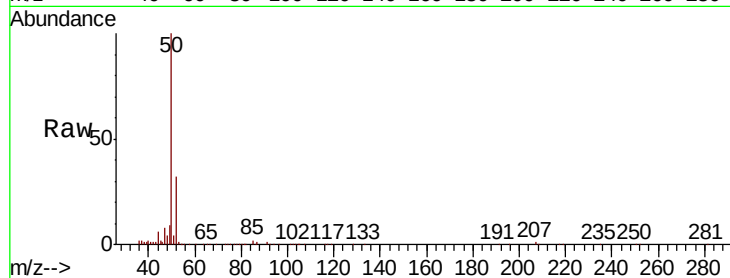
VW0819SBSD02

Tgt Ion: 50 Resp: 113960

Ion Ratio Lower Upper

50 100

52 32.6 26.7 40.1



#4

Vinyl Chloride

Concen: 22.178 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004762.D

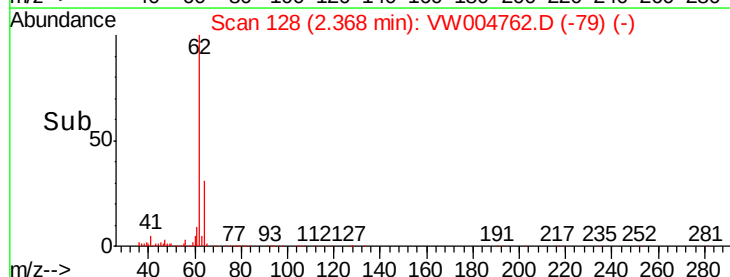
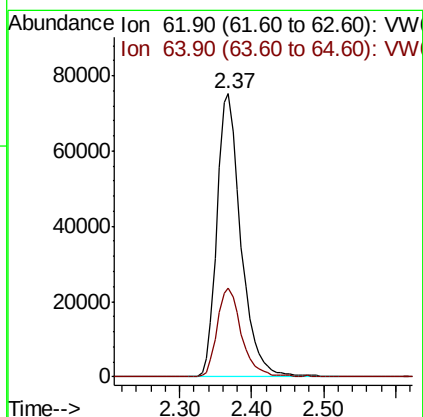
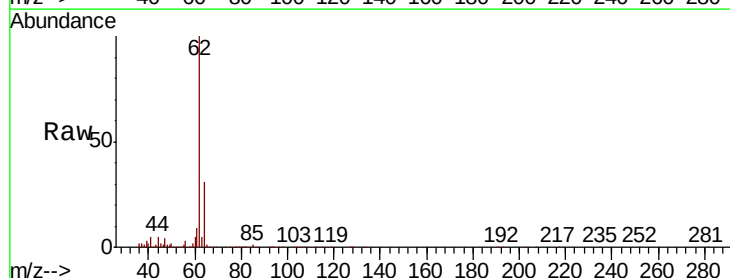
Acq: 18 Aug 2018 06:05

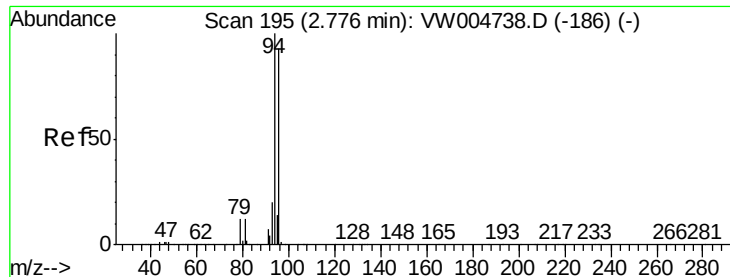
Tgt Ion: 62 Resp: 174193

Ion Ratio Lower Upper

62 100

64 31.2 25.2 37.8





#5

Bromomethane

Concen: 22.679 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampleId :

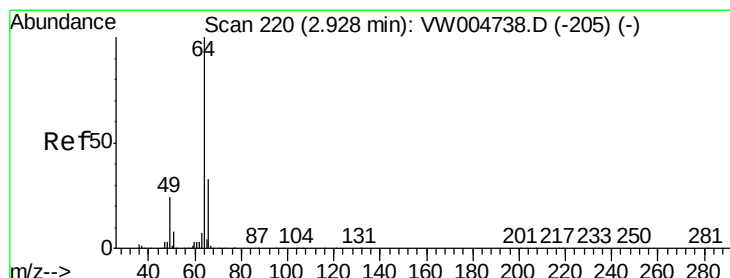
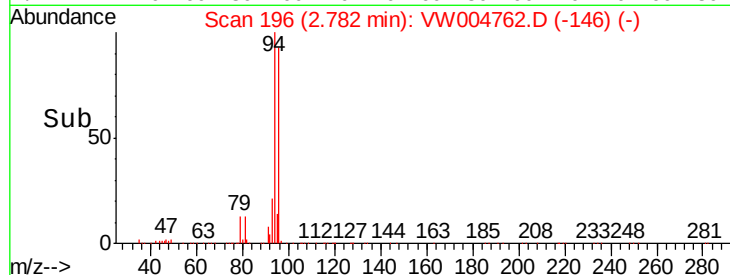
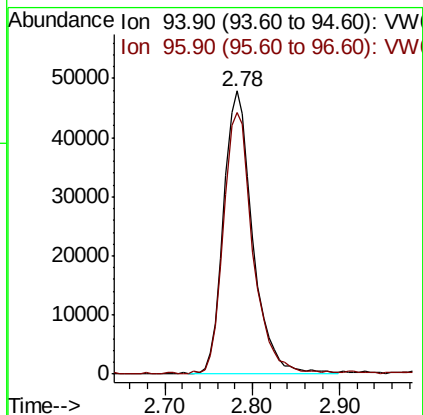
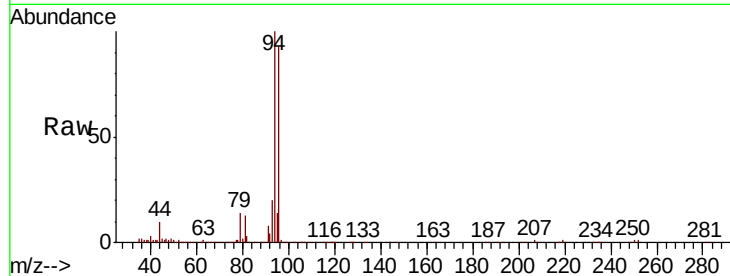
VW0819SBS02

Tgt Ion: 94 Resp: 110012

Ion Ratio Lower Upper

94 100

96 92.5 74.3 111.5



#6

Chloroethane

Concen: 22.255 ug/l

RT: 2.92 min Scan# 219

Delta R.T. -0.01 min

Lab File: VW004762.D

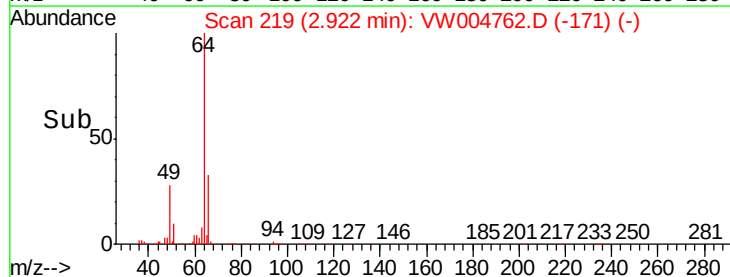
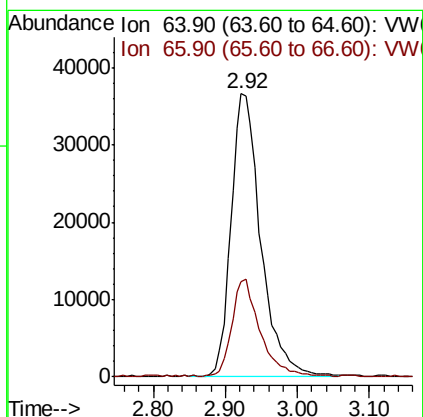
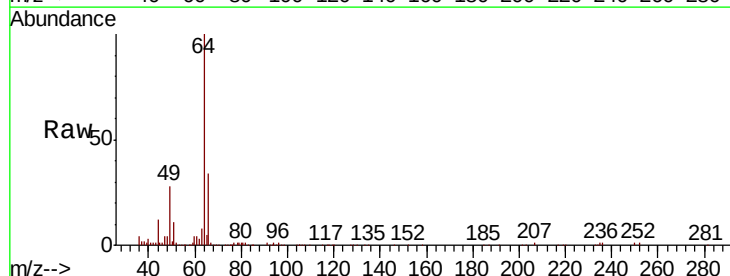
Acq: 18 Aug 2018 06:05

Tgt Ion: 64 Resp: 105474

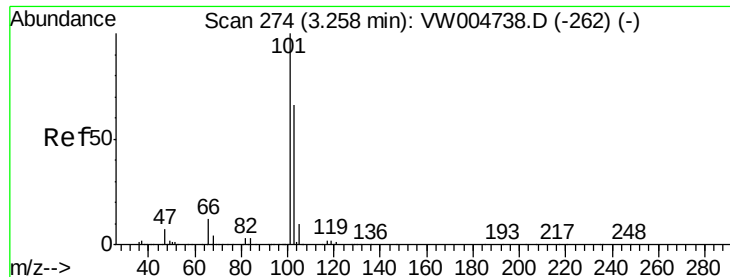
Ion Ratio Lower Upper

64 100

66 33.3 26.1 39.1





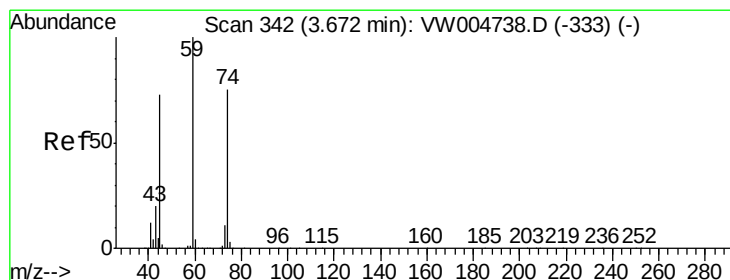
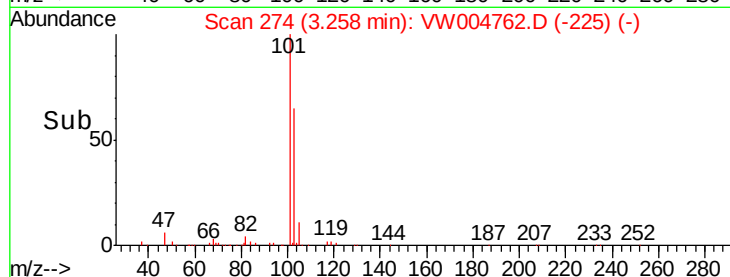
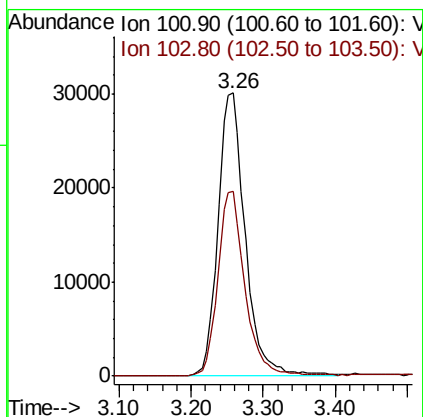
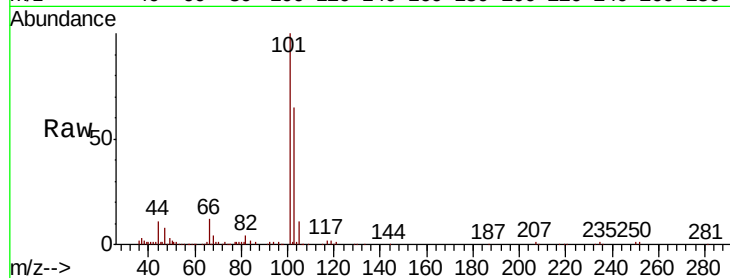


#7

Trichlorofluoromethane  
 Concen: 21.388 ug/l  
 RT: 3.26 min Scan# 274  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0819SBSD02

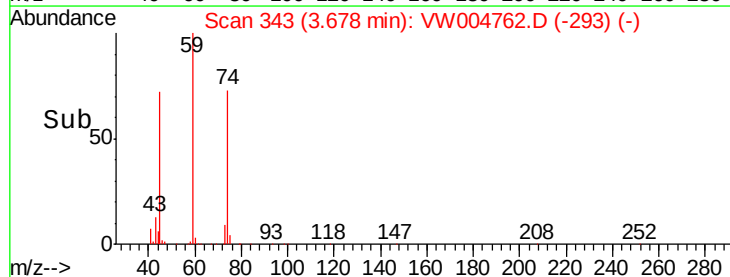
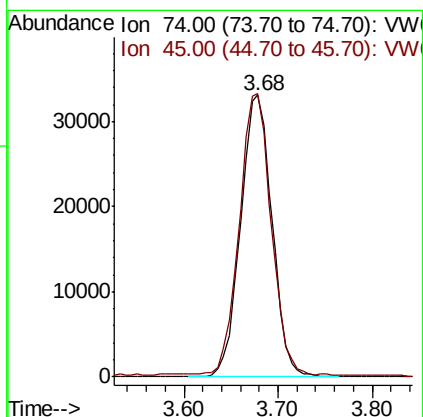
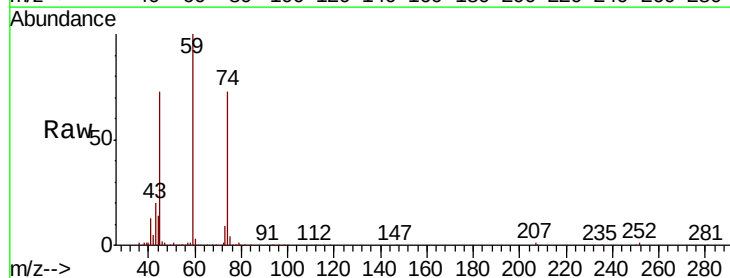
Tgt Ion: 101 Resp: 79142  
 Ion Ratio Lower Upper  
 101 100  
 103 65.3 52.5 78.7



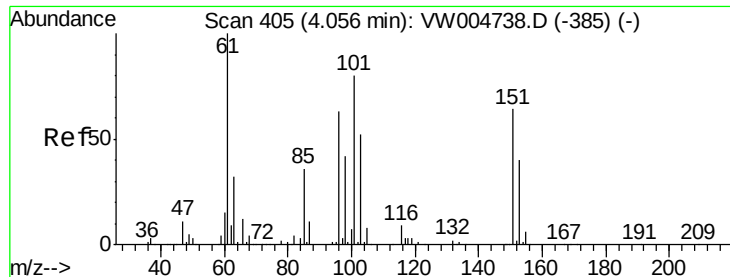
#8

Diethyl Ether  
 Concen: 22.962 ug/l  
 RT: 3.68 min Scan# 343  
 Delta R.T. 0.01 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

Tgt Ion: 74 Resp: 76821  
 Ion Ratio Lower Upper  
 74 100  
 45 99.9 49.8 149.3







#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.092 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampleId :

VW0819SBSD02

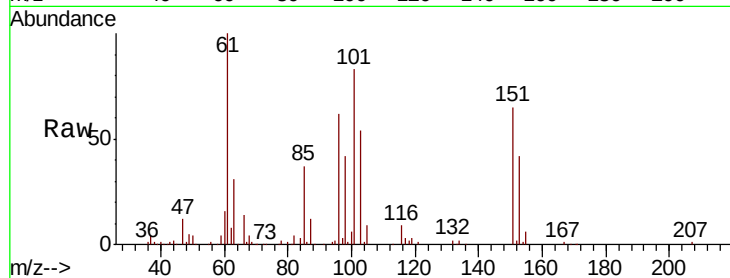
Tgt Ion:101 Resp: 134395

Ion Ratio Lower Upper

101 100

85 42.1 33.9 50.9

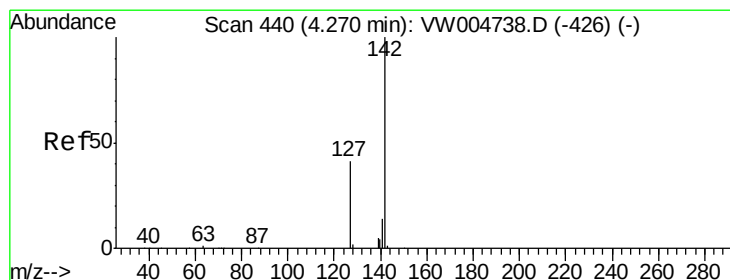
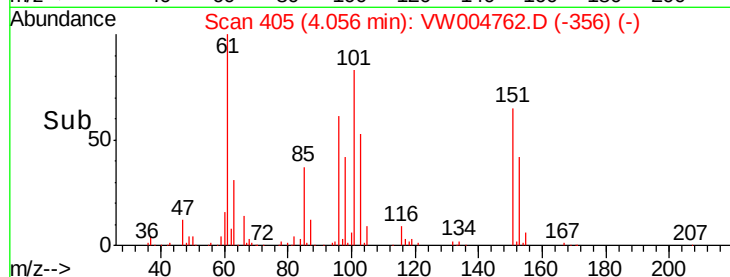
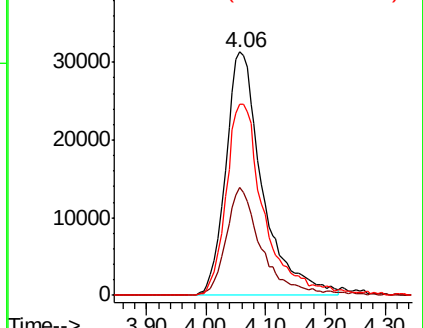
151 81.0 63.4 95.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.430 ug/l

RT: 4.26 min Scan# 439

Delta R.T. -0.01 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

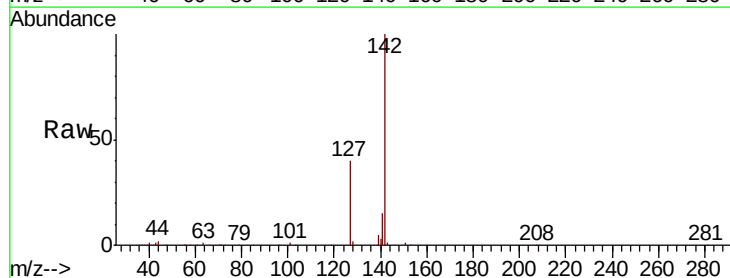
Tgt Ion:142 Resp: 217044

Ion Ratio Lower Upper

142 100

127 40.1 32.1 48.1

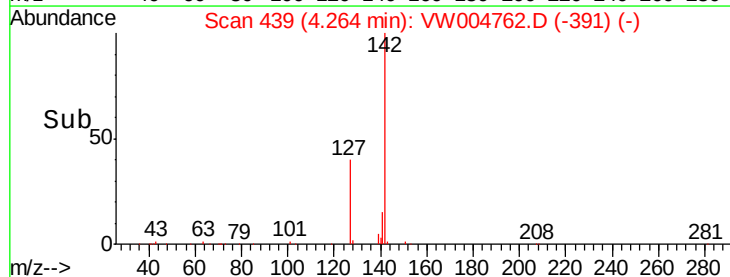
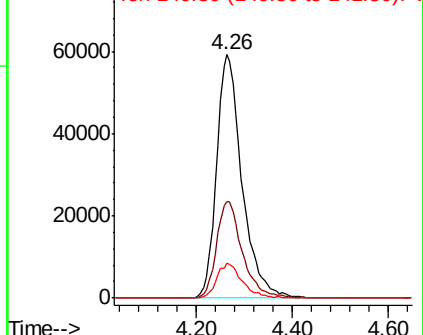
141 14.4 11.7 17.5

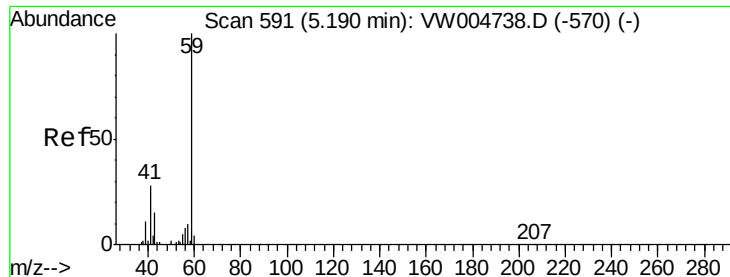


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



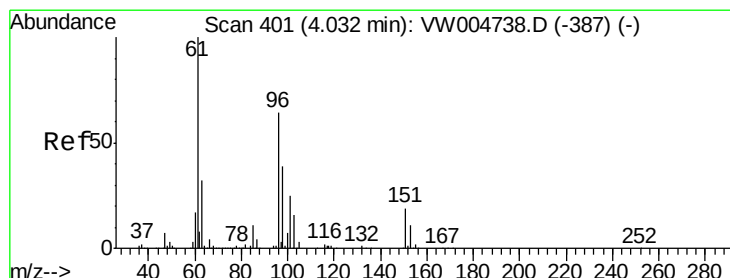
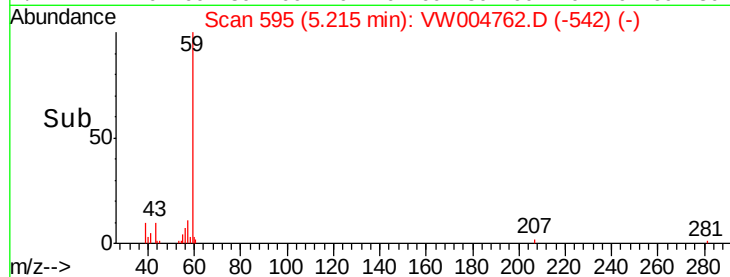
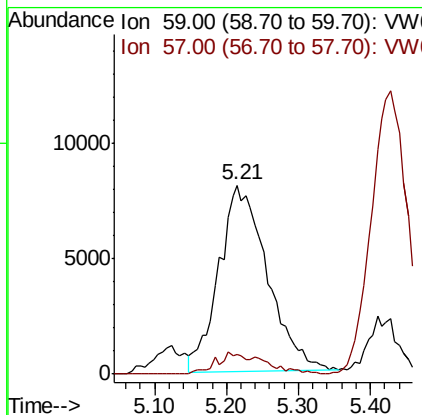
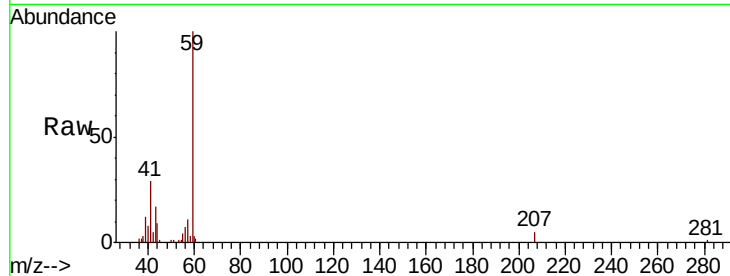


#11

Tert butyl alcohol  
 Concen: 113.999 ug/l  
 RT: 5.21 min Scan# 595  
 Delta R.T. 0.02 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0819SBSD02

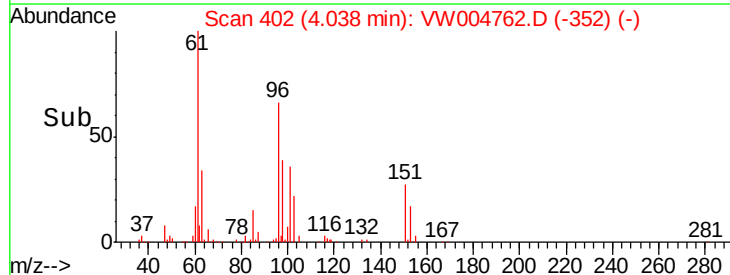
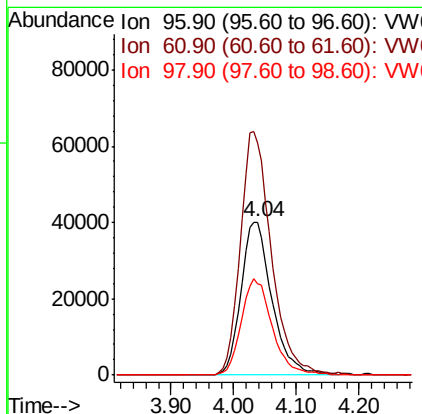
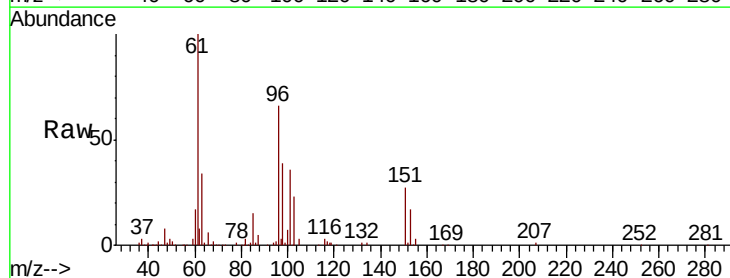
Tgt Ion: 59 Resp: 37938  
 Ion Ratio Lower Upper  
 59 100  
 57 7.2 8.4 12.6#

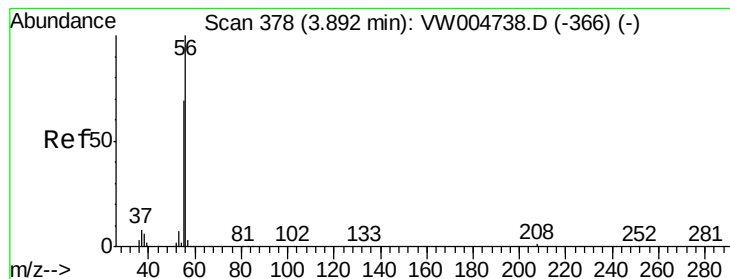


#12

1,1-Dichloroethene  
 Concen: 21.577 ug/l  
 RT: 4.04 min Scan# 402  
 Delta R.T. 0.01 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

Tgt Ion: 96 Resp: 136998  
 Ion Ratio Lower Upper  
 96 100  
 61 151.5 125.6 188.4  
 98 59.2 49.4 74.0





#13

Acrolein

Concen: 108.577 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampleId :

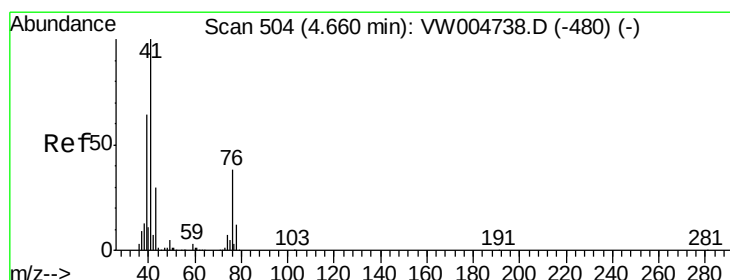
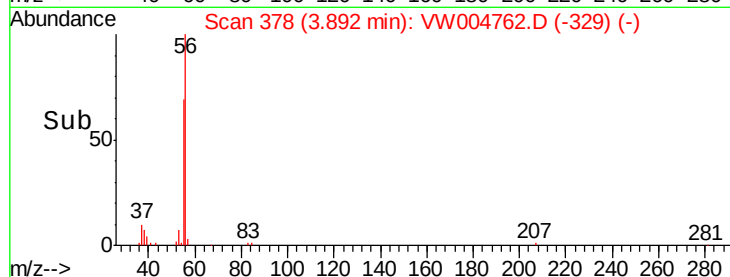
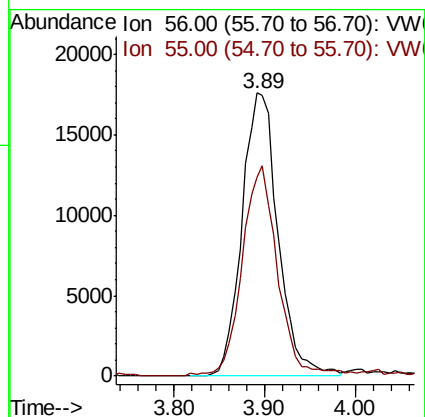
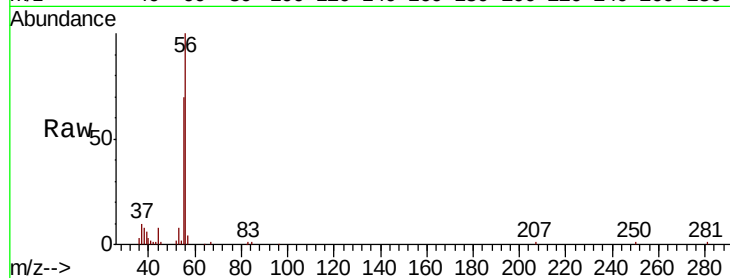
VW0819SBSD02

Tgt Ion: 56 Resp: 48489

Ion Ratio Lower Upper

56 100

55 73.0 56.1 84.1



#14

Allyl chloride

Concen: 21.492 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

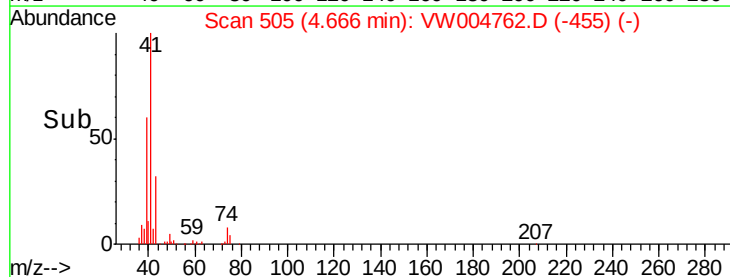
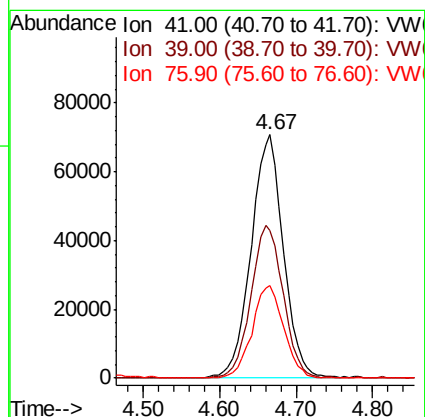
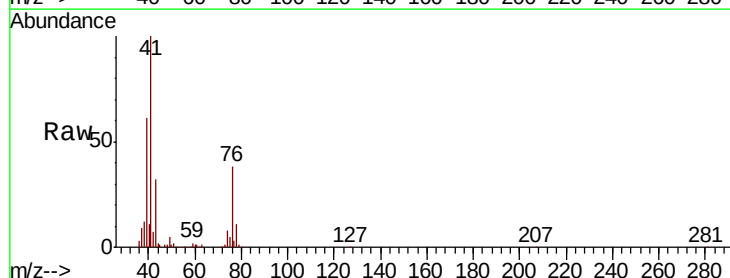
Tgt Ion: 41 Resp: 207092

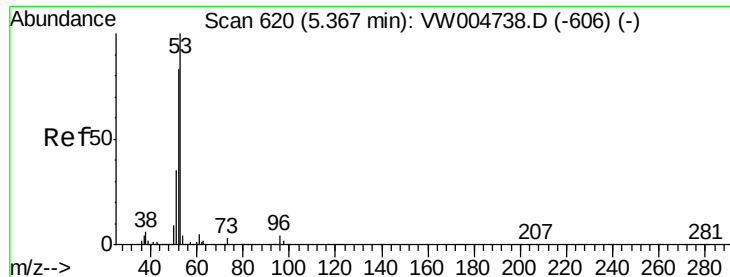
Ion Ratio Lower Upper

41 100

39 63.2 50.0 75.0

76 37.5 29.8 44.6





#15

Acrylonitrile

Concen: 117.080 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.01 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampleId :

VW0819SBS02

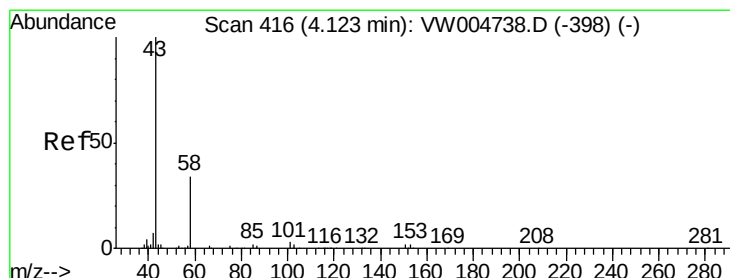
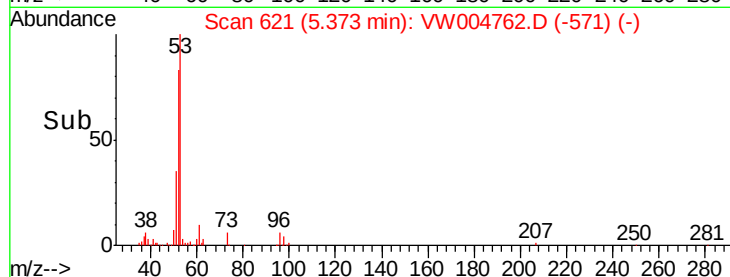
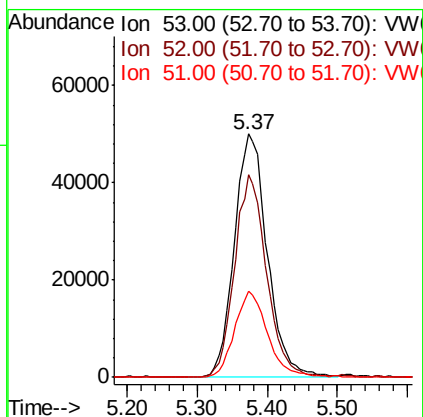
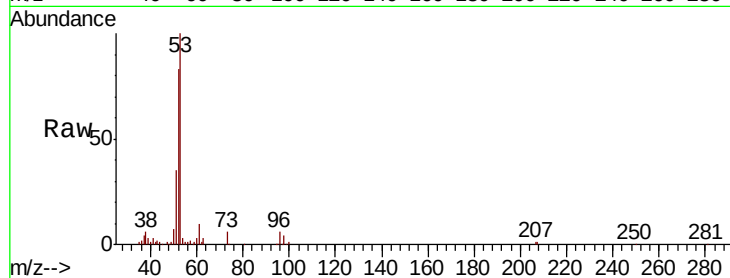
Tgt Ion: 53 Resp: 164267

Ion Ratio Lower Upper

53 100

52 80.6 65.8 98.6

51 35.3 28.7 43.1



#16

Acetone

Concen: 97.770 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.01 min

Lab File: VW004762.D

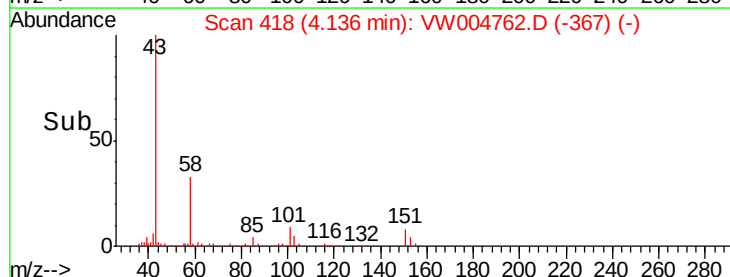
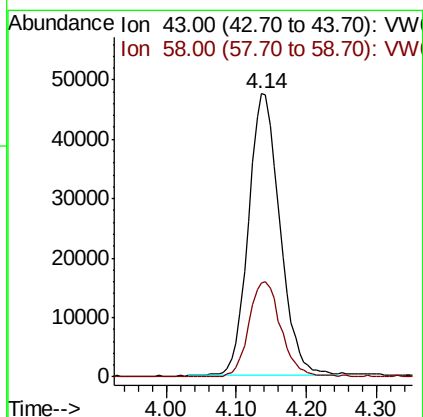
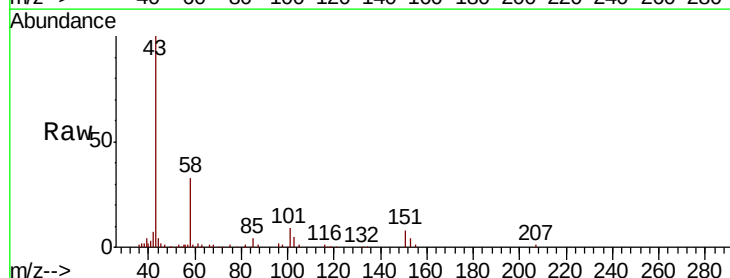
Acq: 18 Aug 2018 06:05

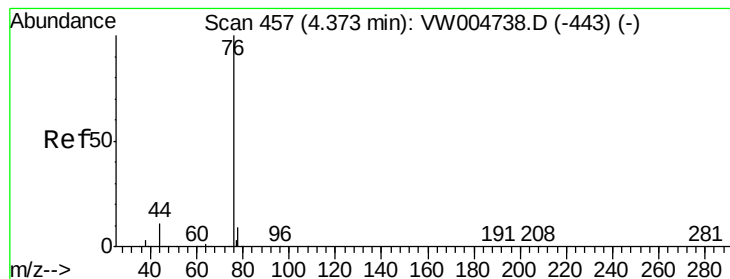
Tgt Ion: 43 Resp: 148670

Ion Ratio Lower Upper

43 100

58 32.9 27.3 40.9





#17

Carbon Disulfide

Concen: 21.951 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampleId :

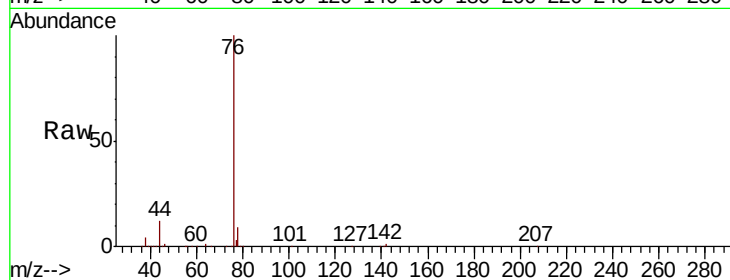
VW0819SBSD02

Tgt Ion: 76 Resp: 458040

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

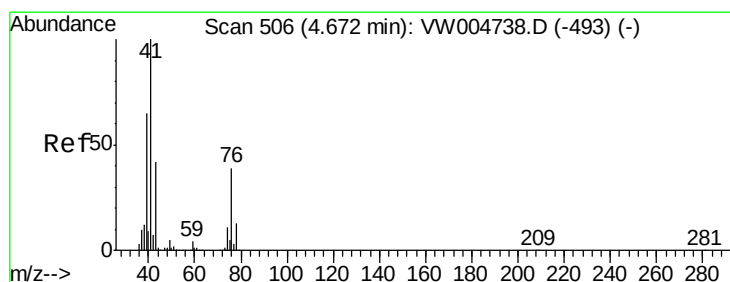
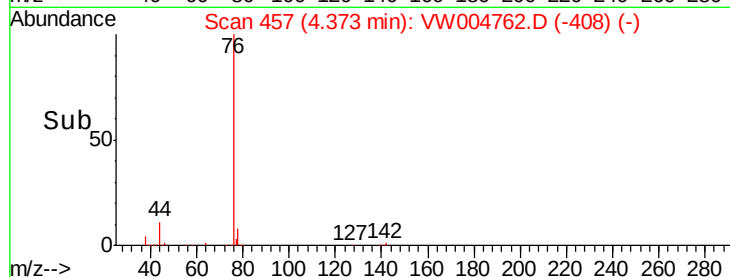
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 23.455 ug/l

RT: 4.68 min Scan# 507

Delta R.T. 0.01 min

Lab File: VW004762.D

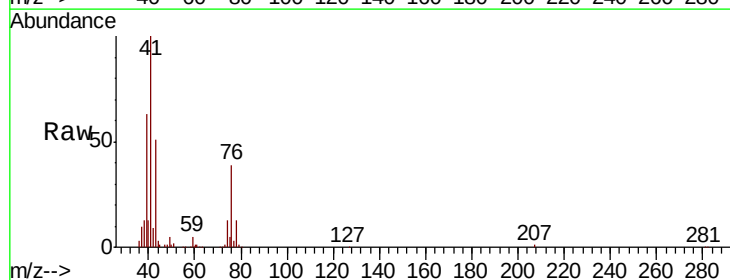
Acq: 18 Aug 2018 06:05

Tgt Ion: 43 Resp: 76429

Ion Ratio Lower Upper

43 100

74 25.8 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

30000

25000

20000

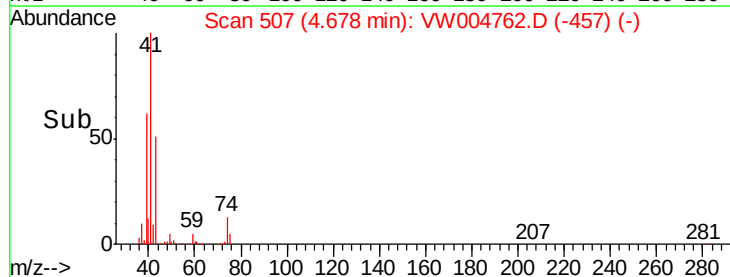
15000

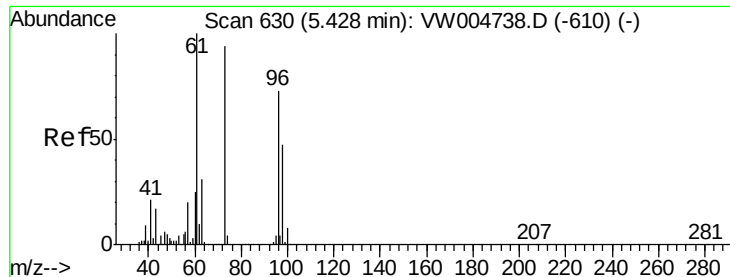
10000

5000

0

Time-->



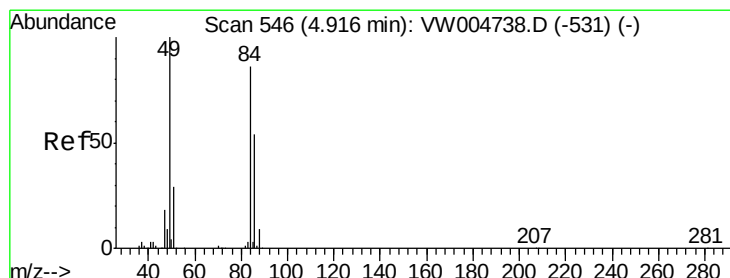
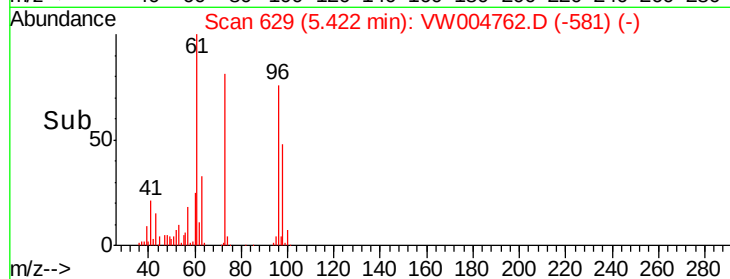
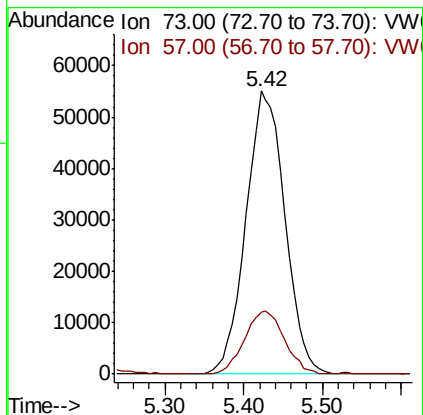
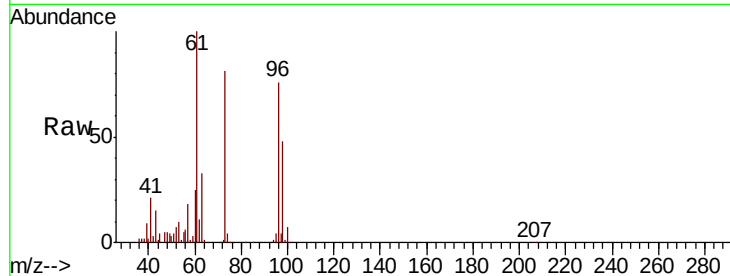


#19

Methyl tert-butyl Ether  
 Concen: 22.976 ug/l  
 RT: 5.42 min Scan# 629  
 Delta R.T. -0.01 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0819SBS02

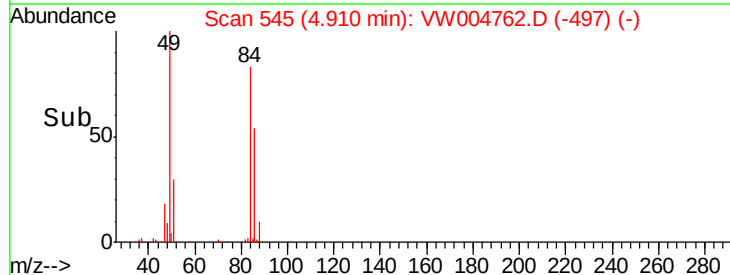
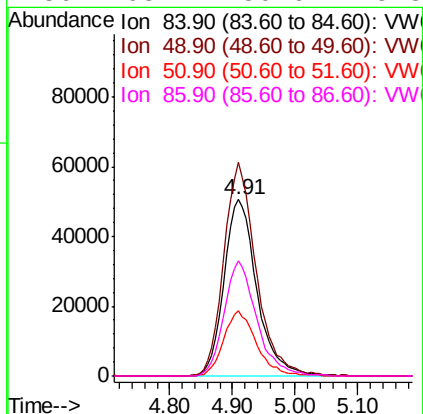
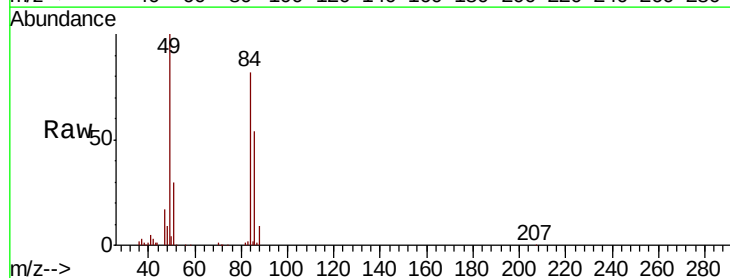
Tgt Ion: 73 Resp: 189374  
 Ion Ratio Lower Upper  
 73 100  
 57 21.7 17.3 25.9

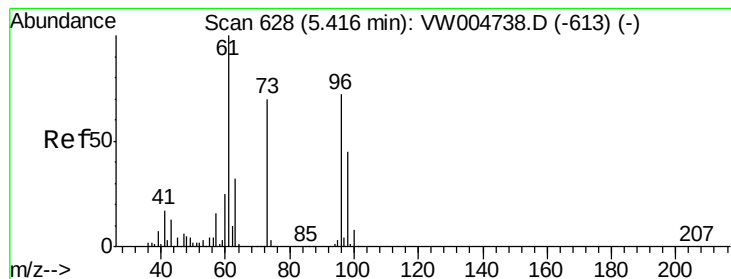


#20

Methylene Chloride  
 Concen: 24.194 ug/l  
 RT: 4.91 min Scan# 545  
 Delta R.T. -0.01 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

Tgt Ion: 84 Resp: 183442  
 Ion Ratio Lower Upper  
 84 100  
 49 121.3 93.2 139.8  
 51 36.8 27.4 41.0  
 86 65.7 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 22.398 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampleId :

VW0819SBSD02

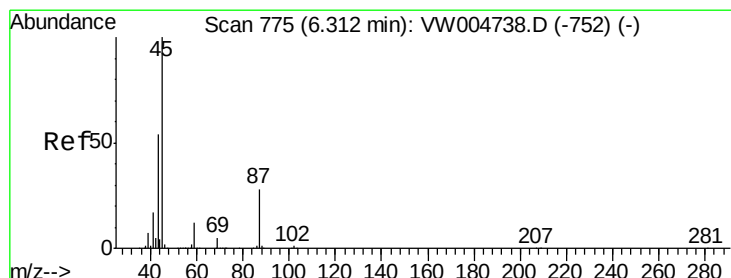
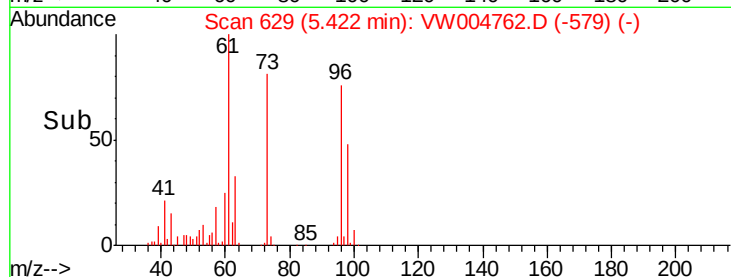
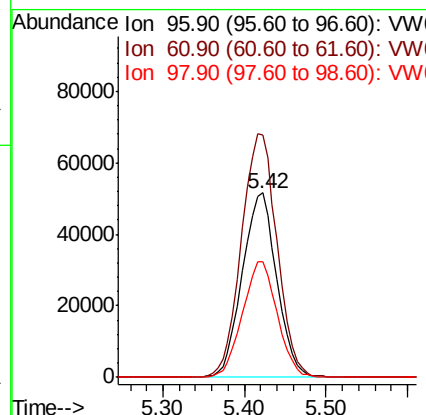
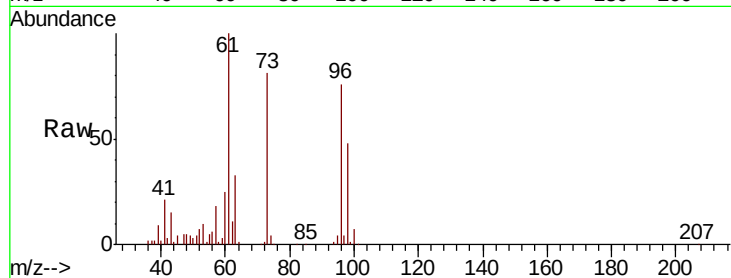
Tgt Ion: 96 Resp: 151315

Ion Ratio Lower Upper

96 100

61 131.2 111.4 167.0

98 62.4 49.7 74.5



#22

Diisopropyl ether

Concen: 23.782 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Tgt Ion: 45 Resp: 440456

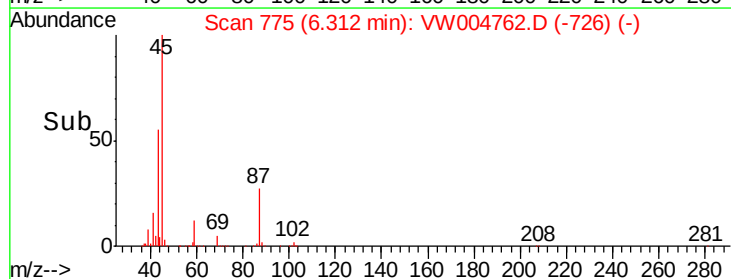
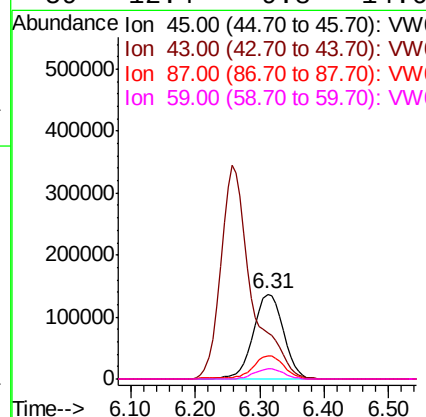
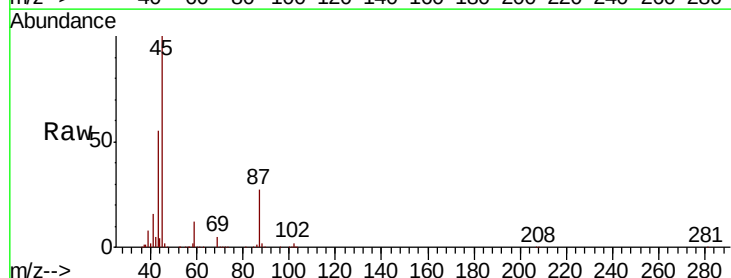
Ion Ratio Lower Upper

45 100

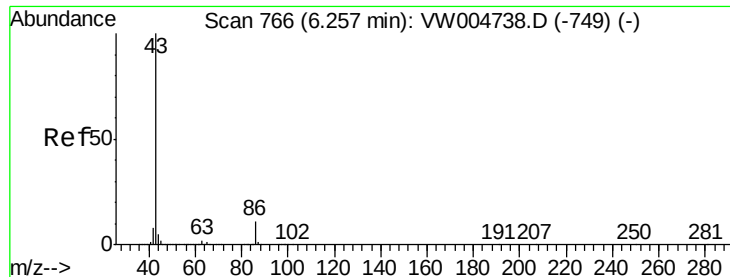
43 54.1 43.0 64.6

87 27.0 22.2 33.4

59 12.4 9.8 14.6



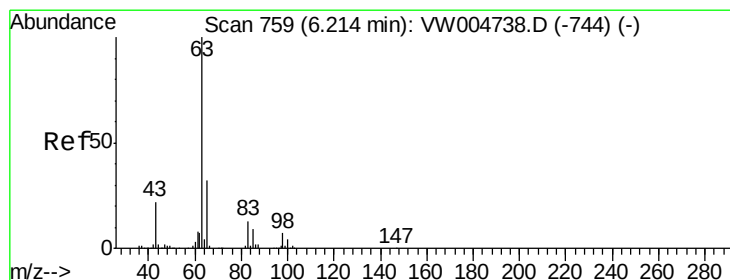
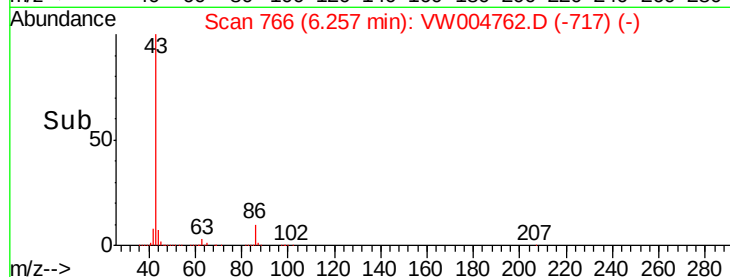
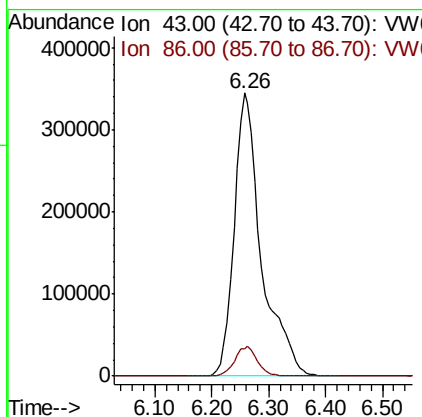
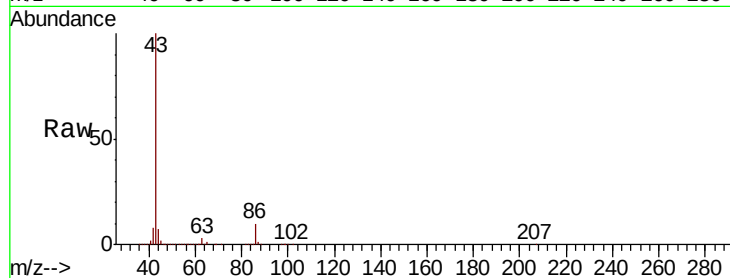




#23  
 Vinyl Acetate  
 Concen: 109.786 ug/l  
 RT: 6.26 min Scan# 766  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

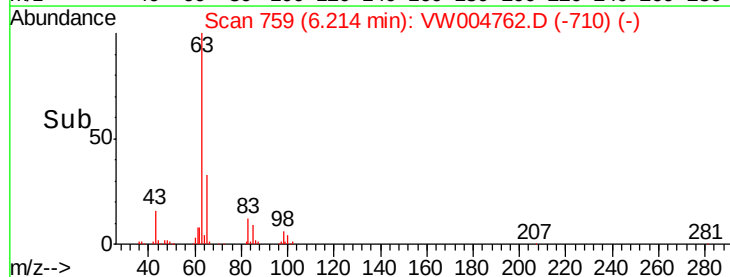
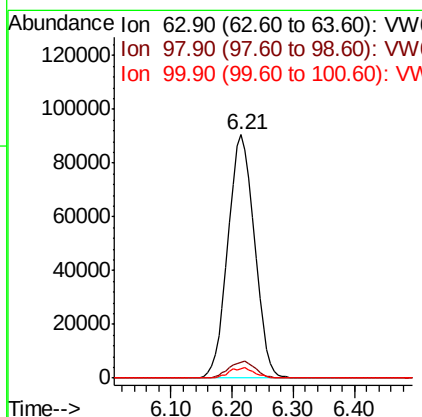
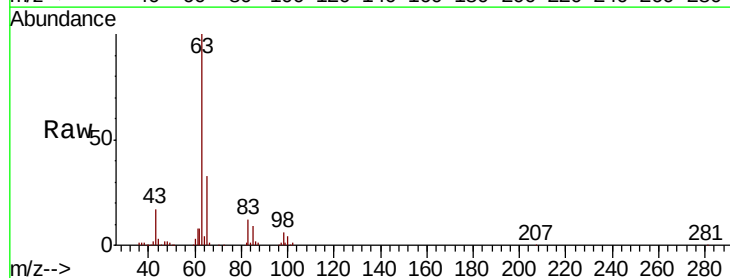
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0819SBSD02

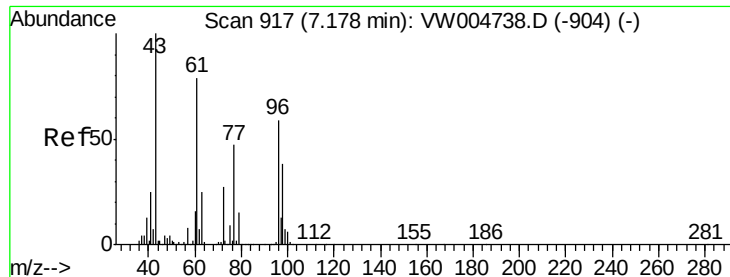
Tgt Ion: 43 Resp: 1150075  
 Ion Ratio Lower Upper  
 43 100  
 86 9.7 8.5 12.7



#24  
 1,1-Dichloroethane  
 Concen: 22.474 ug/l  
 RT: 6.21 min Scan# 759  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

Tgt Ion: 63 Resp: 270481  
 Ion Ratio Lower Upper  
 63 100  
 98 6.4 3.5 10.4  
 100 4.1 2.1 6.3





#25

2-Butanone

Concen: 109.634 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampleId :

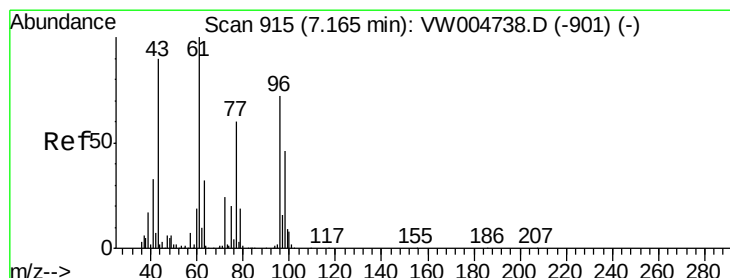
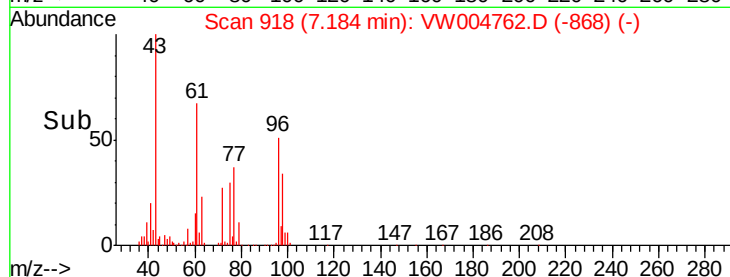
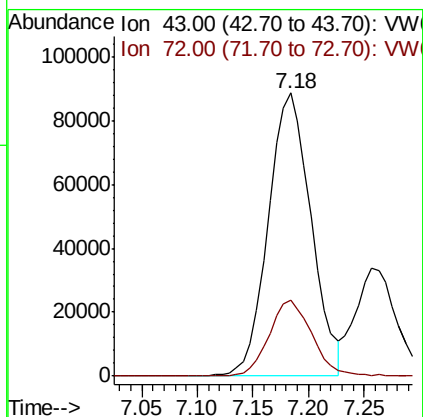
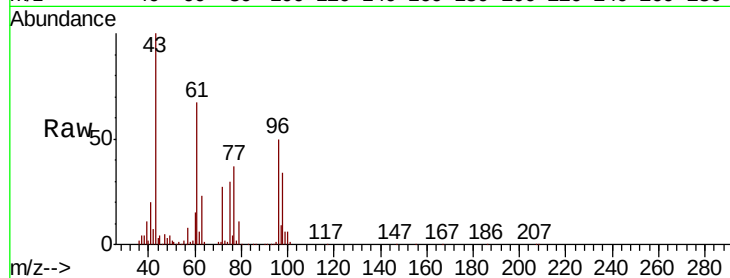
VW0819SBSD02

Tgt Ion: 43 Resp: 237532

Ion Ratio Lower Upper

43 100

72 26.8 22.0 33.0



#26

2,2-Dichloropropane

Concen: 19.382 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004762.D

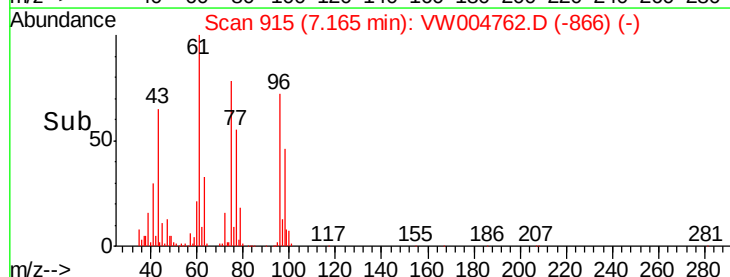
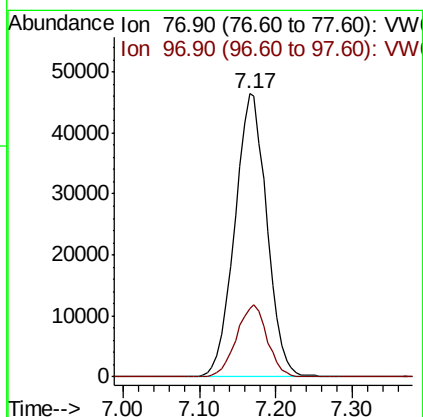
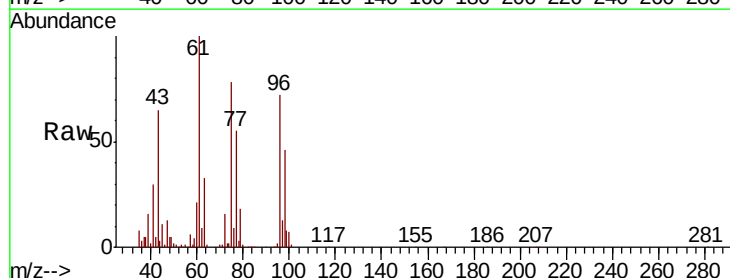
Acq: 18 Aug 2018 06:05

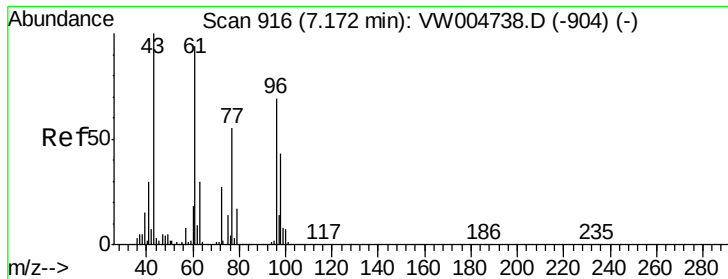
Tgt Ion: 77 Resp: 134731

Ion Ratio Lower Upper

77 100

97 24.4 12.6 37.8



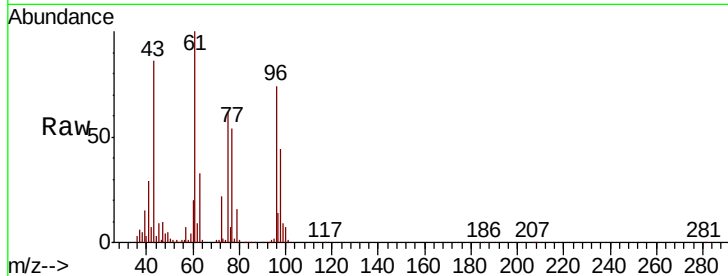


#27

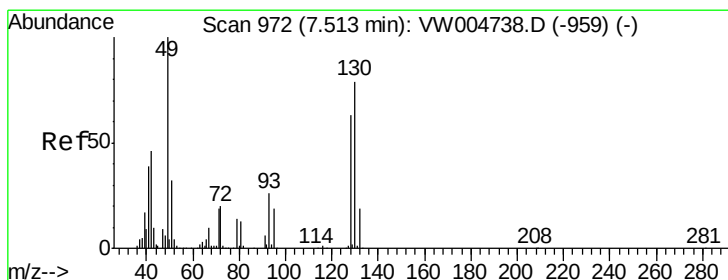
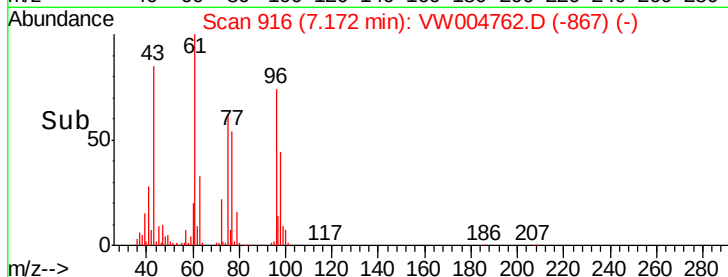
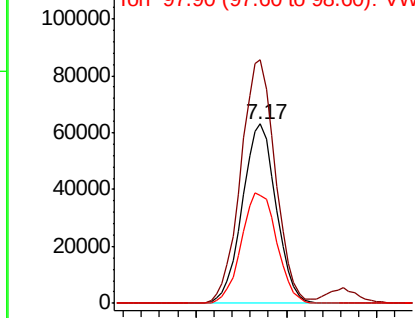
cis-1,2-Dichloroethene  
 Concen: 22.419 ug/l  
 RT: 7.17 min Scan# 916  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0819SBS02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 138.6 | 0.0   | 277.6 |
| 98      | 64.7  | 0.0   | 127.4 |



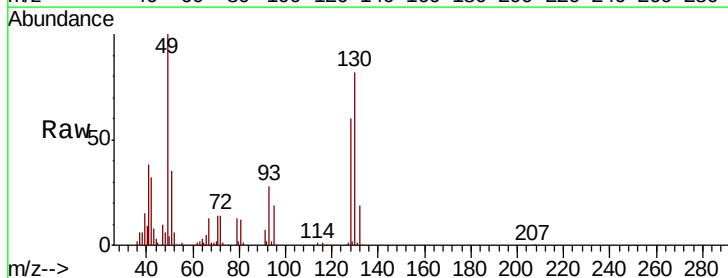
Abundance Ion 95.90 (95.60 to 96.60): VW  
 Ion 60.90 (60.60 to 61.60): VW  
 Ion 97.90 (97.60 to 98.60): VW



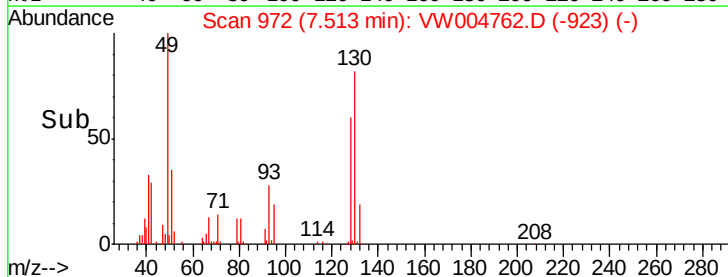
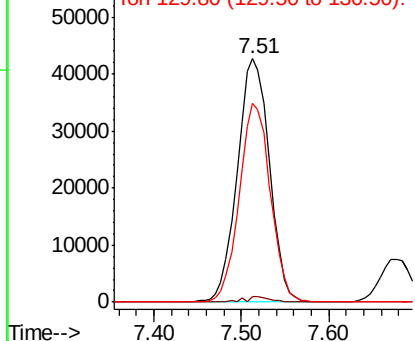
#28

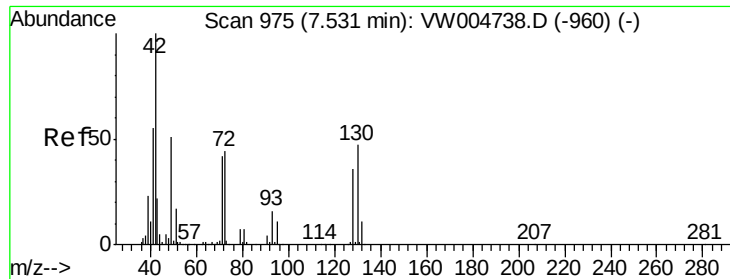
Bromochloromethane  
 Concen: 21.474 ug/l  
 RT: 7.51 min Scan# 972  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.7   | 0.0   | 4.4   |
| 130     | 79.3  | 63.7  | 95.5  |



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

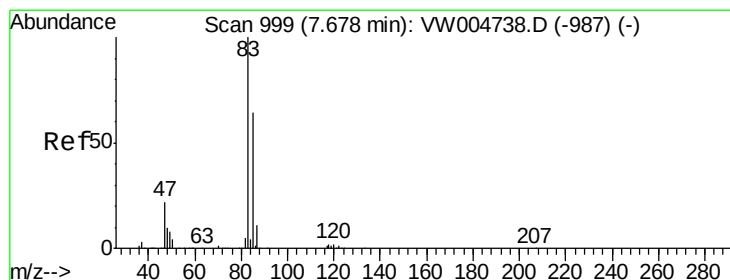
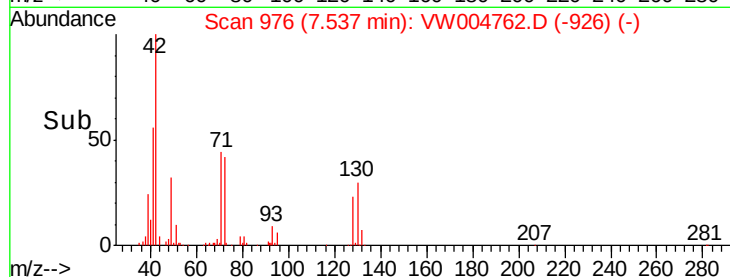
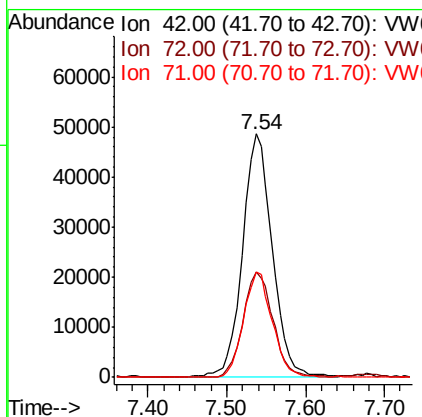
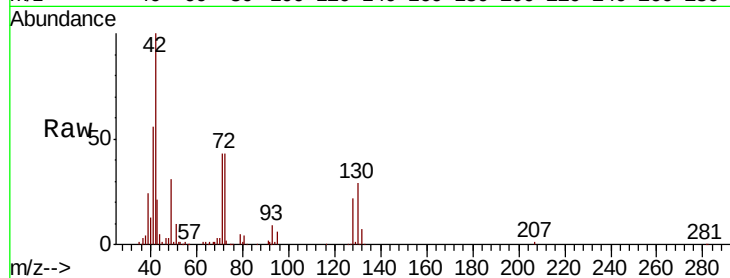




#29  
Tetrahydrofuran  
Concen: 114.360 ug/l  
RT: 7.54 min Scan# 976  
Delta R.T. 0.01 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

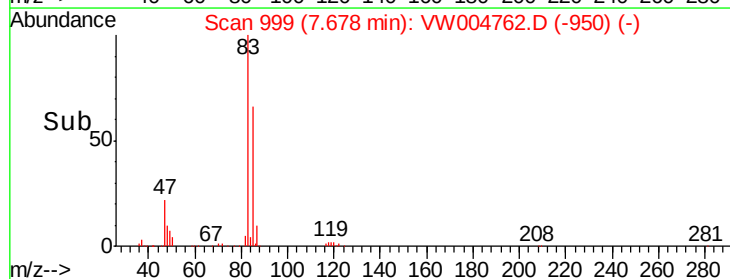
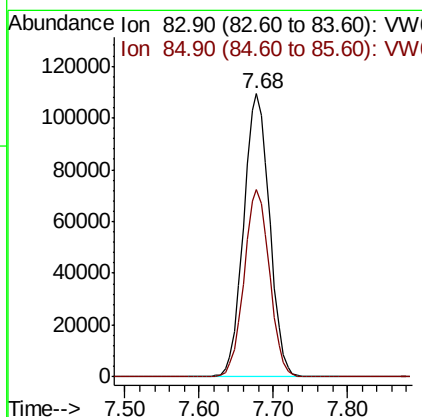
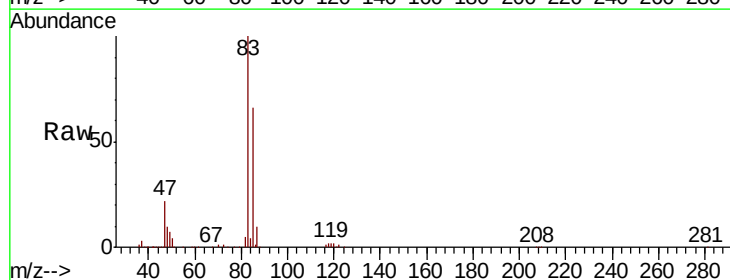
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0819SBS02

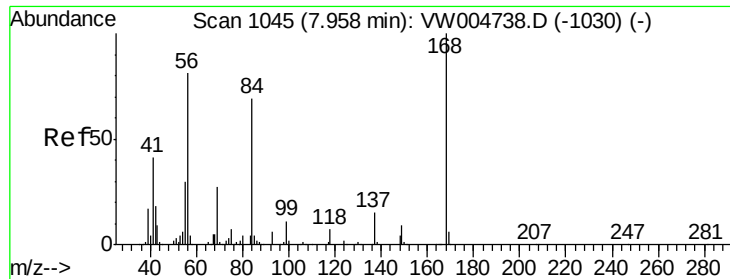
Tgt Ion: 42 Resp: 126344  
Ion Ratio Lower Upper  
42 100  
72 44.0 34.9 52.3  
71 42.4 33.8 50.6



#30  
Chloroform  
Concen: 22.520 ug/l  
RT: 7.68 min Scan# 999  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

Tgt Ion: 83 Resp: 266555  
Ion Ratio Lower Upper  
83 100  
85 66.2 51.0 76.6

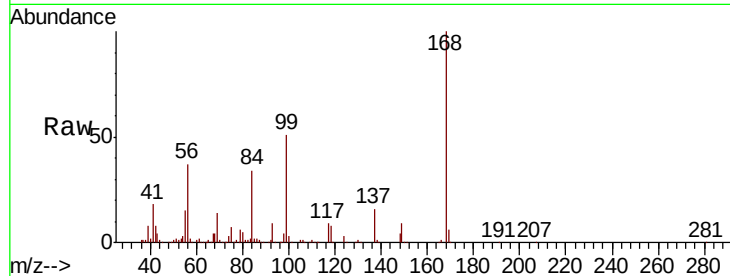




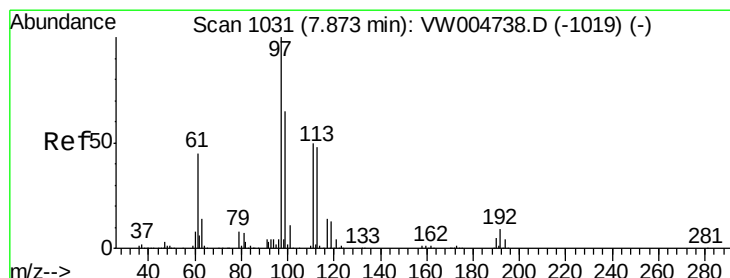
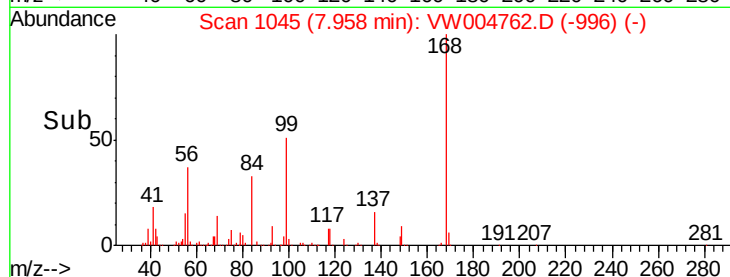
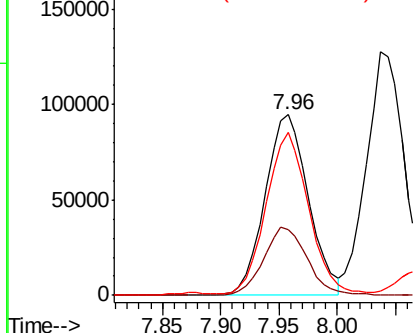
#31  
Cyclohexane  
Concen: 21.028 ug/l  
RT: 7.96 min Scan# 1045  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0819SBSD02

Tgt Ion: 56 Resp: 244785  
Ion Ratio Lower Upper  
56 100  
69 36.7 27.1 40.7  
84 89.0 68.3 102.5

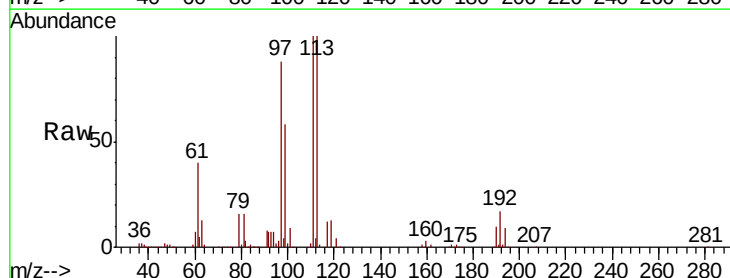


Abundance Ion 56.00 (55.70 to 56.70): VW  
Ion 69.00 (68.70 to 69.70): VW  
Ion 84.00 (83.70 to 84.70): VW

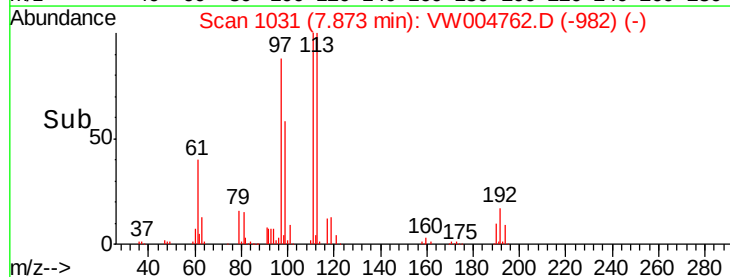
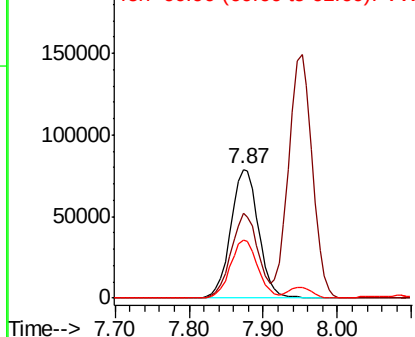


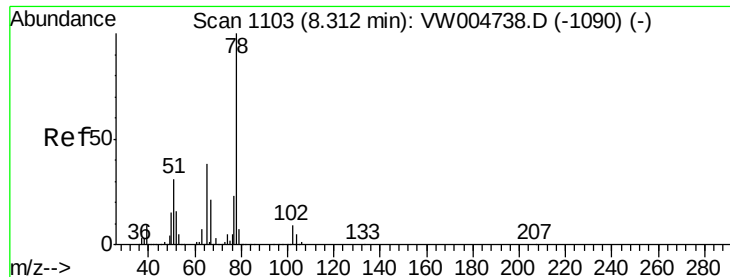
#32  
1,1,1-Trichloroethane  
Concen: 21.873 ug/l  
RT: 7.87 min Scan# 1031  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

Tgt Ion: 97 Resp: 205230  
Ion Ratio Lower Upper  
97 100  
99 63.7 51.7 77.5  
61 44.7 34.4 51.6



Abundance Ion 96.90 (96.60 to 97.60): VW  
Ion 98.90 (98.60 to 99.60): VW  
Ion 60.90 (60.60 to 61.60): VW

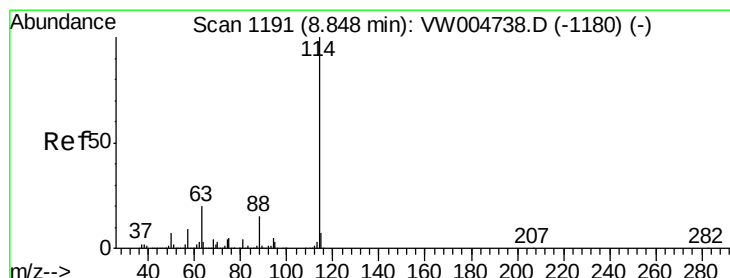
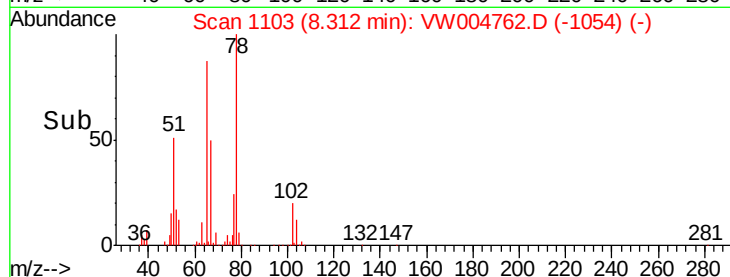
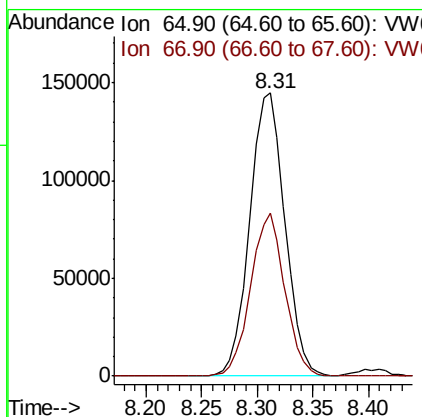
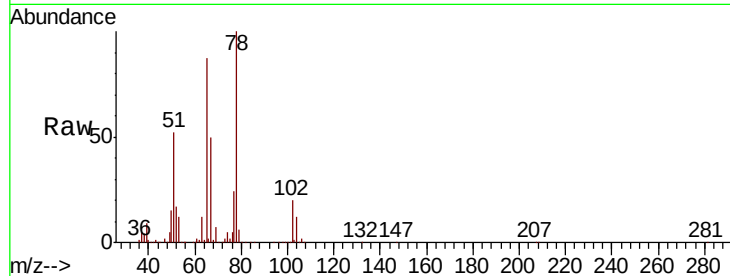




#33  
 1,2-Dichloroethane-d4  
 Concen: 53.575 ug/l  
 RT: 8.31 min Scan# 1103  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

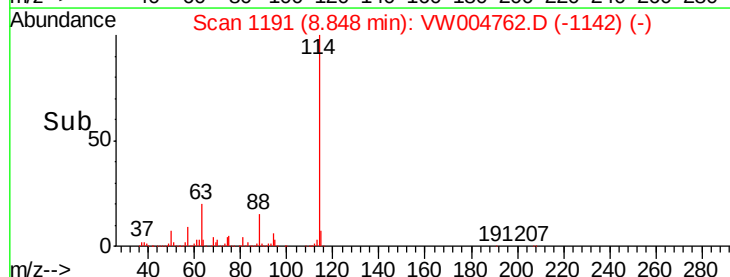
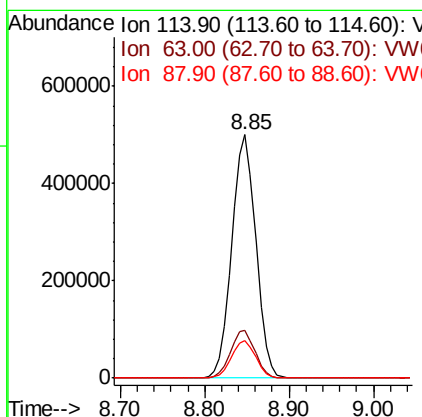
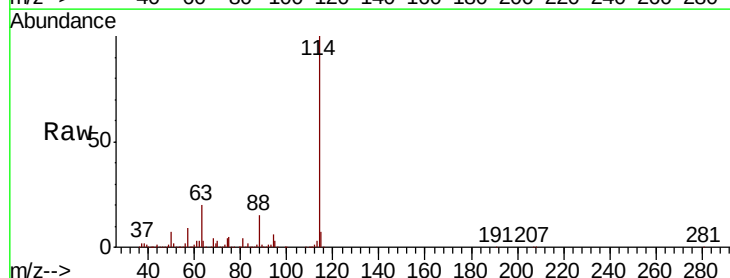
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0819SBSD02

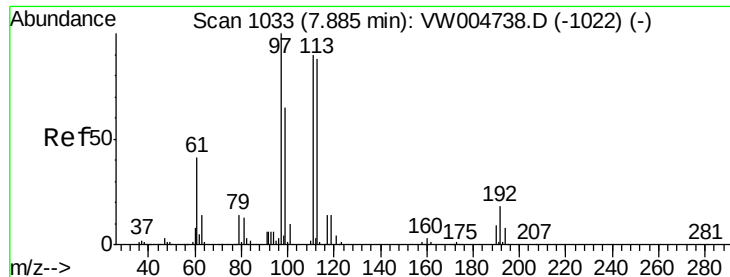
Tgt Ion: 65 Resp: 319132  
 Ion Ratio Lower Upper  
 65 100  
 67 55.8 0.0 109.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.85 min Scan# 1191  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

Tgt Ion: 114 Resp: 963125  
 Ion Ratio Lower Upper  
 114 100  
 63 19.6 0.0 39.0  
 88 15.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 52.035 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampleId :

VW0819SBSD02

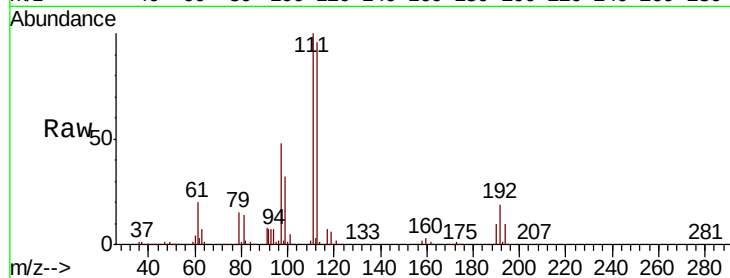
Tgt Ion: 113 Resp: 320311

Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

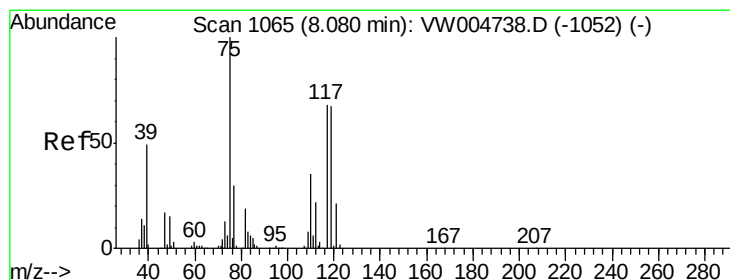
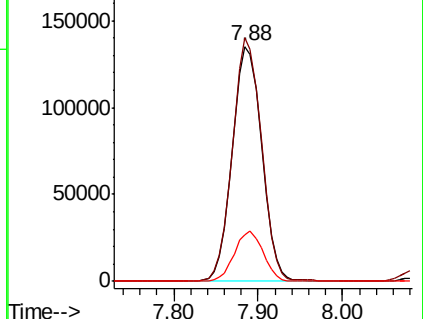
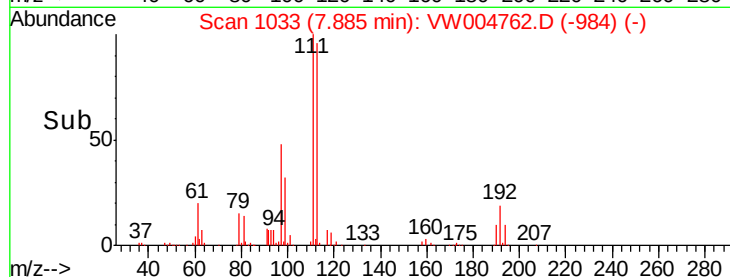
192 20.8 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.943 ug/l

RT: 8.09 min Scan# 1066

Delta R.T. 0.01 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

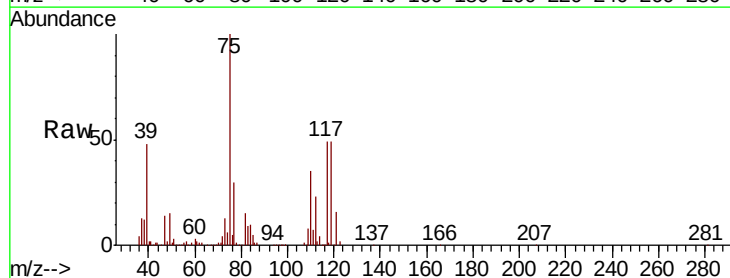
Tgt Ion: 75 Resp: 207798

Ion Ratio Lower Upper

75 100

110 35.3 17.8 53.5

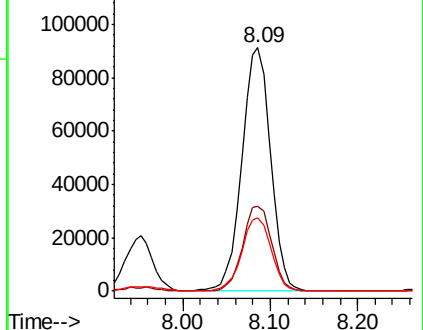
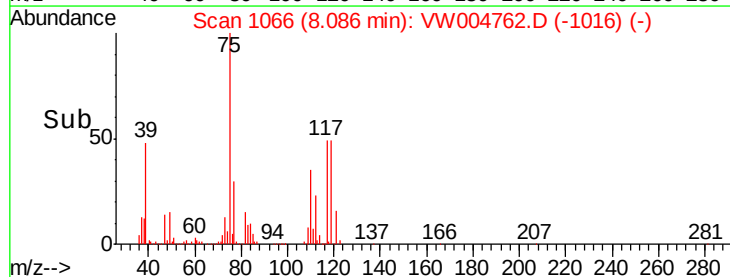
77 31.0 24.9 37.3

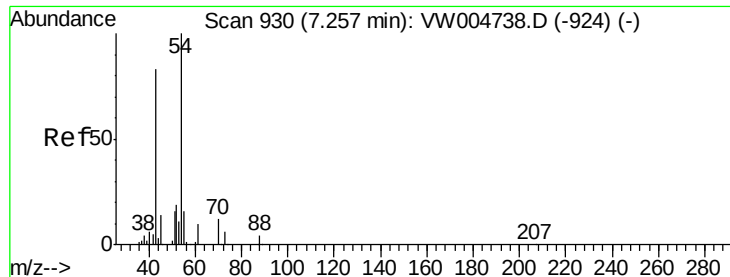


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

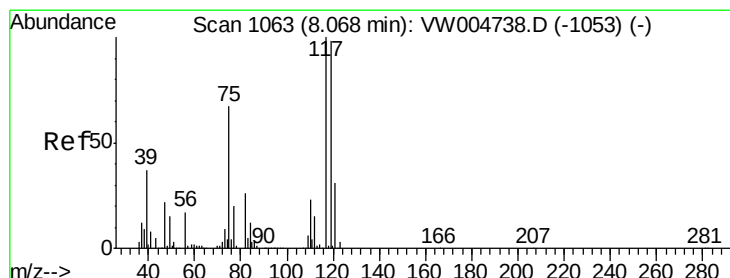
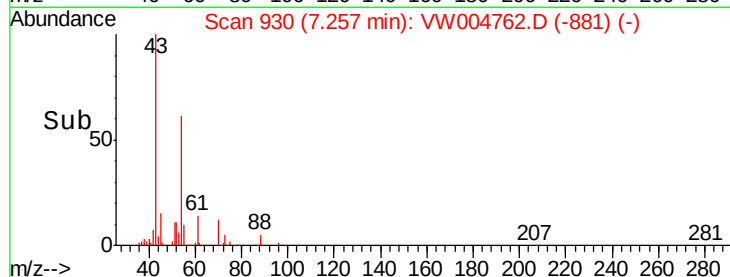
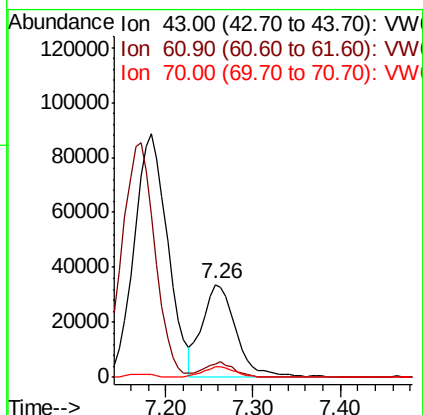
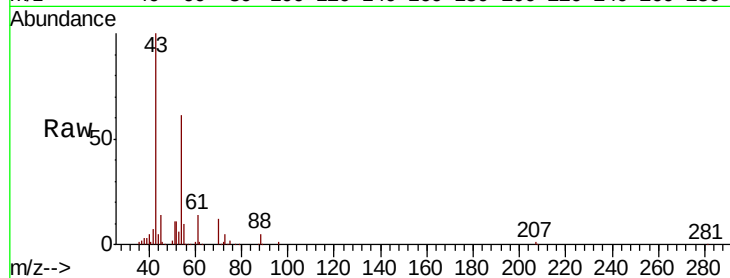




#37  
**Ethyl Acetate**  
 Concen: 22.516 ug/l  
 RT: 7.26 min Scan# 930  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

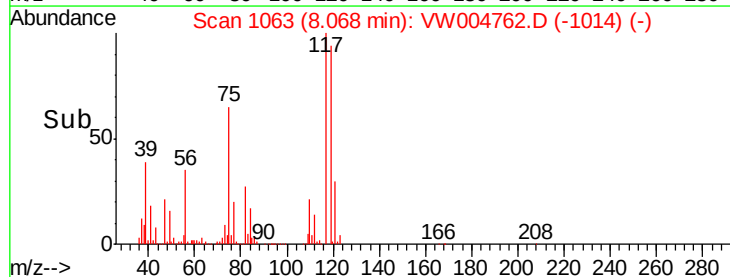
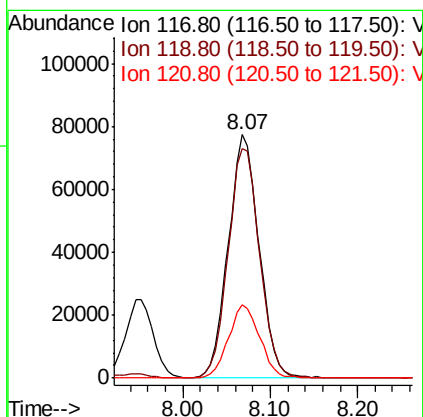
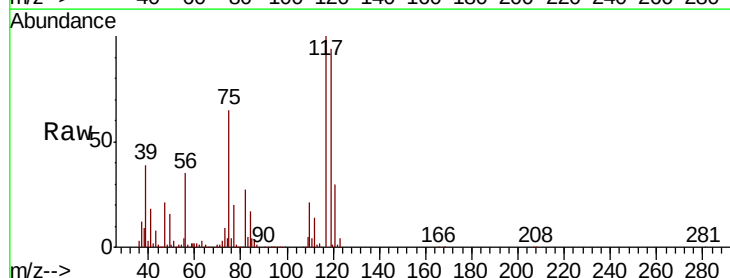
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0819SBS02

Tgt Ion: 43 Resp: 89053  
 Ion Ratio Lower Upper  
 43 100  
 61 15.0 11.6 17.4  
 70 11.1 9.2 13.8

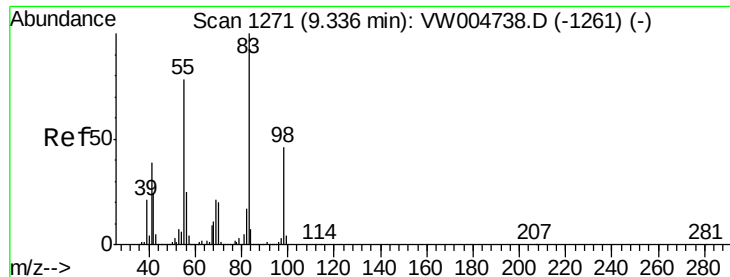


#38  
**Carbon Tetrachloride**  
 Concen: 20.704 ug/l  
 RT: 8.07 min Scan# 1063  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

Tgt Ion: 117 Resp: 189089  
 Ion Ratio Lower Upper  
 117 100  
 119 94.4 78.0 117.0  
 121 30.0 24.8 37.2



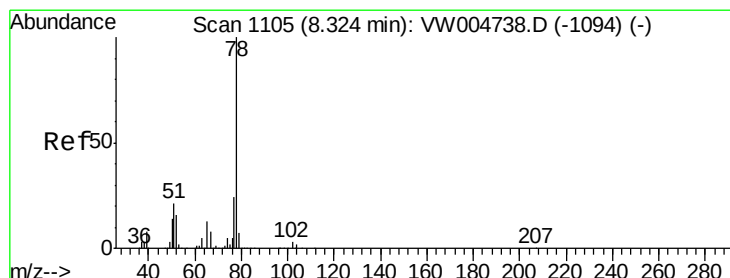
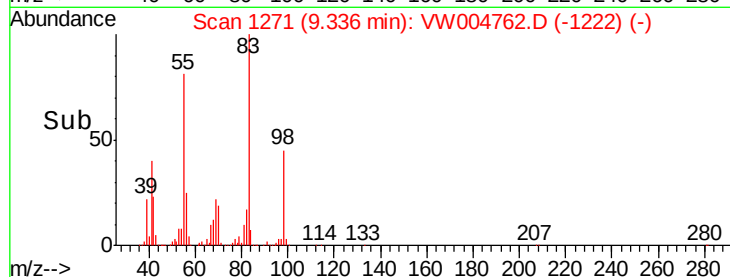
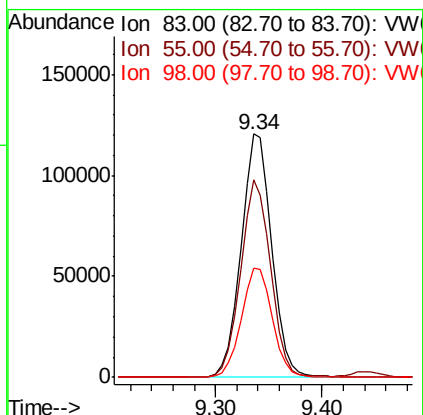
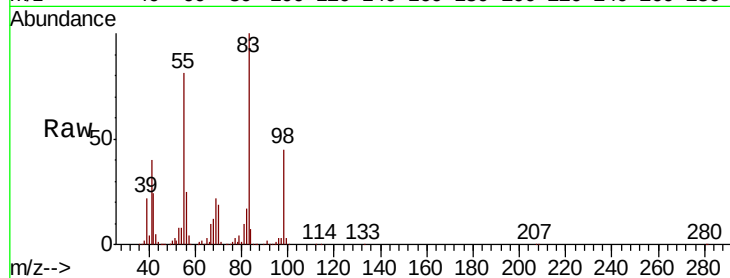




#39  
Methylcyclohexane  
Concen: 19.616 ug/l  
RT: 9.34 min Scan# 1271  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

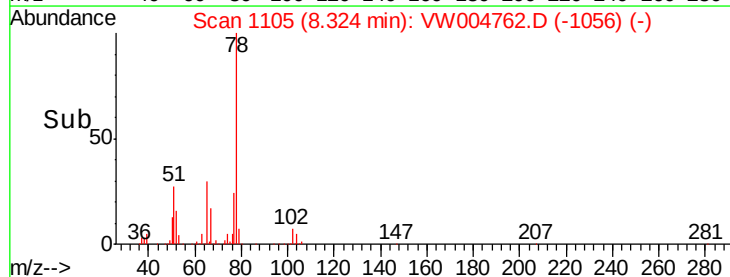
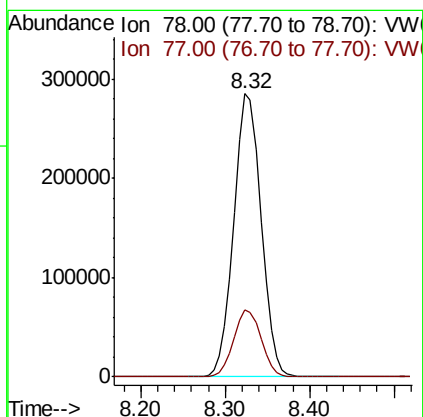
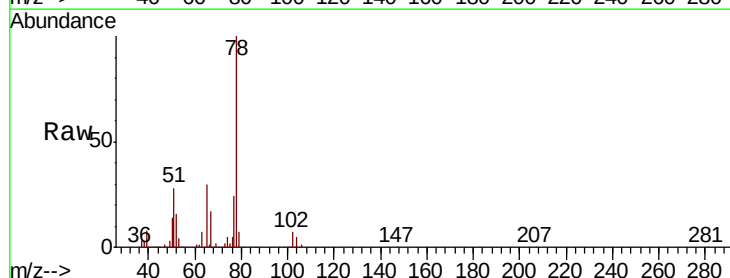
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0819SBS02

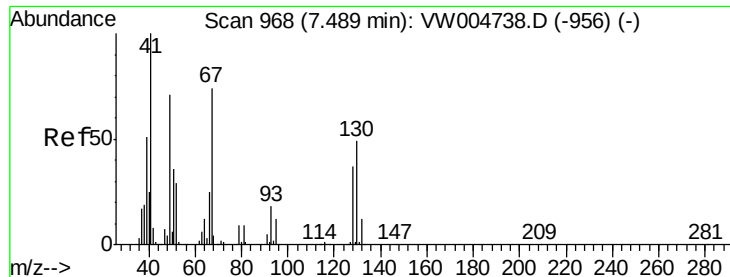
Tgt Ion: 83 Resp: 243399  
Ion Ratio Lower Upper  
83 100  
55 81.0 62.4 93.6  
98 44.9 36.5 54.7



#40  
Benzene  
Concen: 21.669 ug/l  
RT: 8.32 min Scan# 1105  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

Tgt Ion: 78 Resp: 624823  
Ion Ratio Lower Upper  
78 100  
77 23.7 19.0 28.6

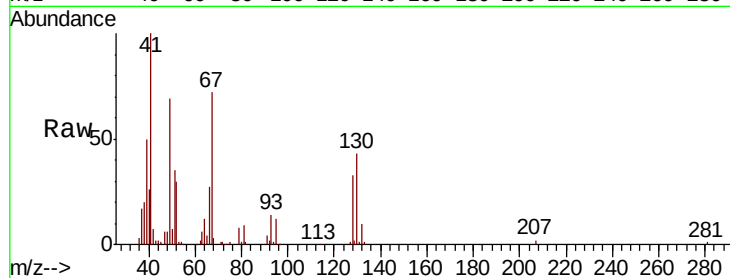




#41  
Methacrylonitrile  
Concen: 21.211 ug/l  
RT: 7.49 min Scan# 968  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0819SBSD02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 47612 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 56.0  | 41.0  | 61.4  |
| 67       | 81.2  | 59.5  | 89.3  |
| 52       | 32.8  | 23.6  | 35.4  |



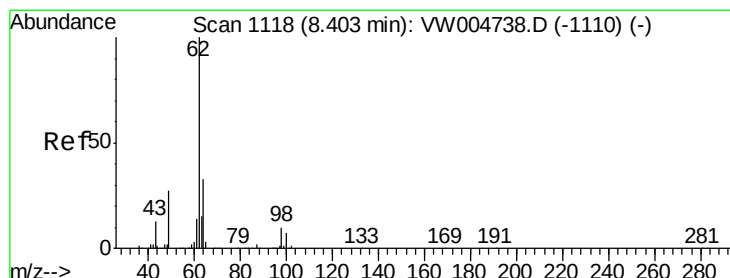
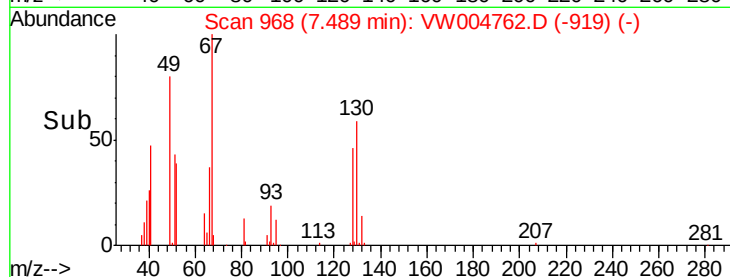
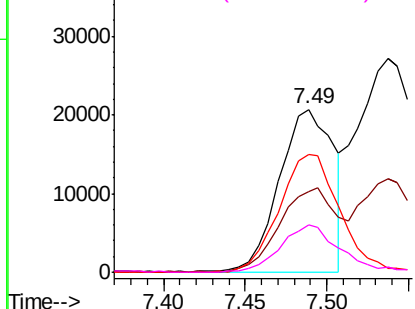
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

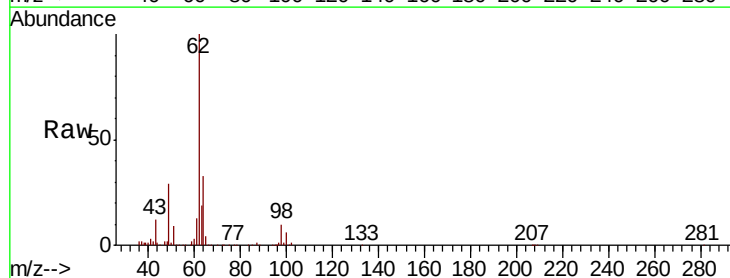
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42  
1,2-Dichloroethane  
Concen: 22.180 ug/l  
RT: 8.40 min Scan# 1118  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

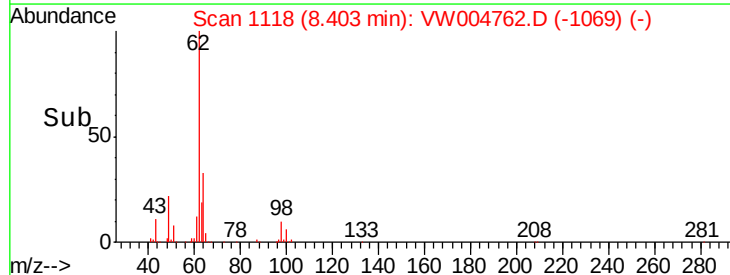
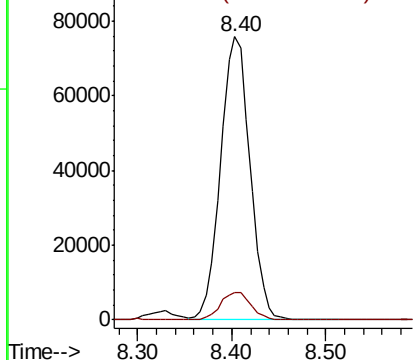
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 164004 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.1  | 0.0   | 20.2   |

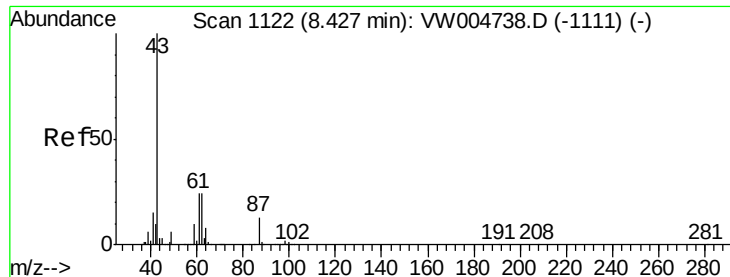


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 22.128 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampleId :

VW0819SBS02

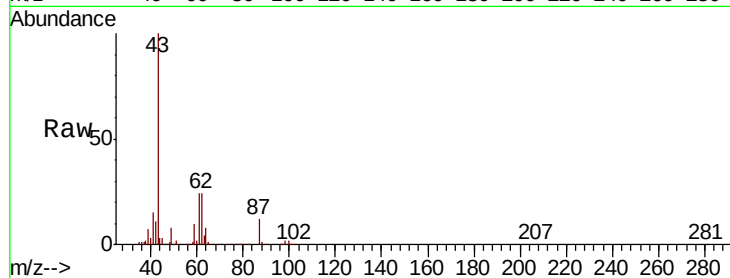
Tgt Ion: 43 Resp: 157204

Ion Ratio Lower Upper

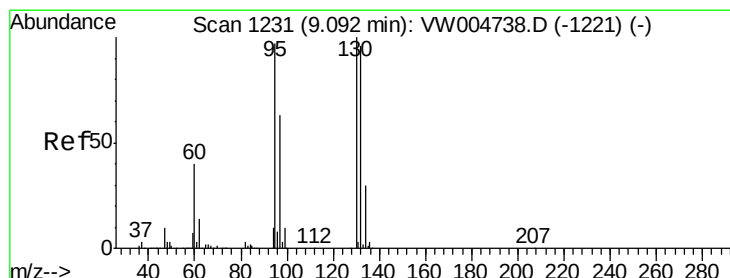
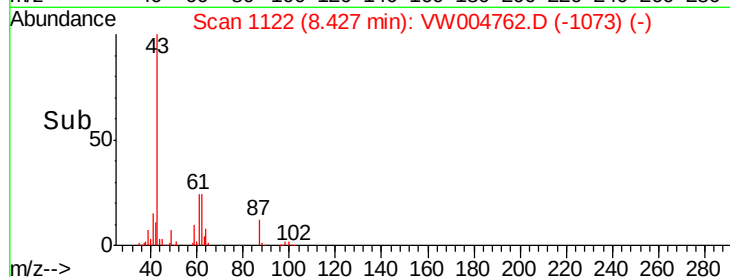
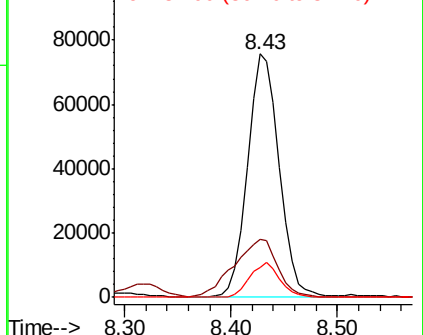
43 100

61 33.2 26.2 39.4

87 13.7 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VW  
Ion 61.00 (60.70 to 61.70): VW  
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 21.014 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW004762.D

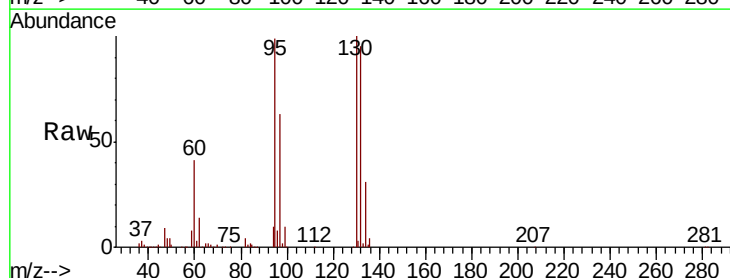
Acq: 18 Aug 2018 06:05

Tgt Ion: 130 Resp: 153816

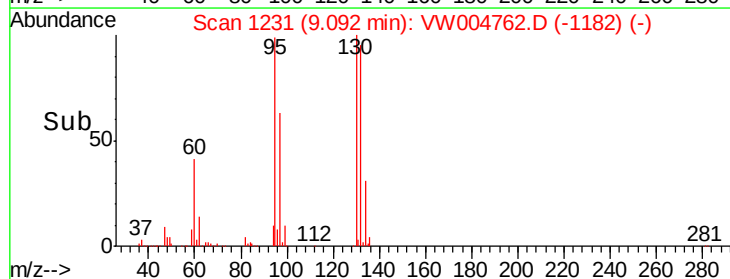
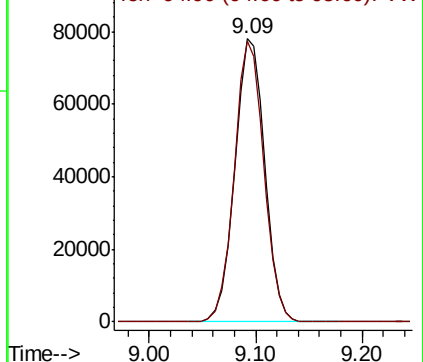
Ion Ratio Lower Upper

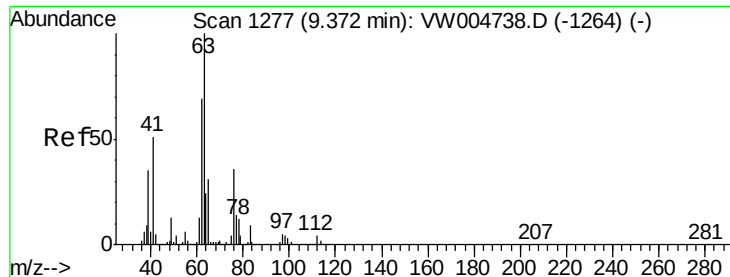
130 100

95 99.1 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V  
Ion 94.90 (94.60 to 95.60): VW

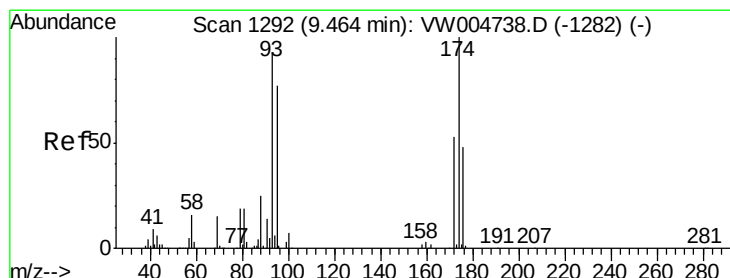
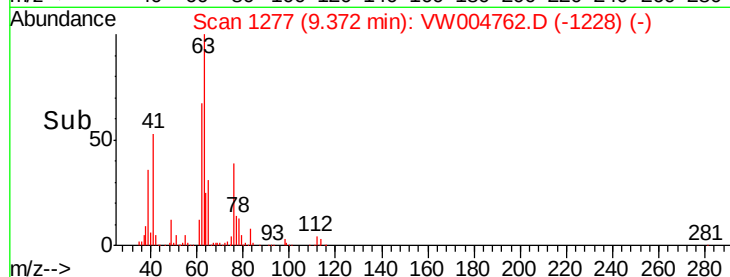
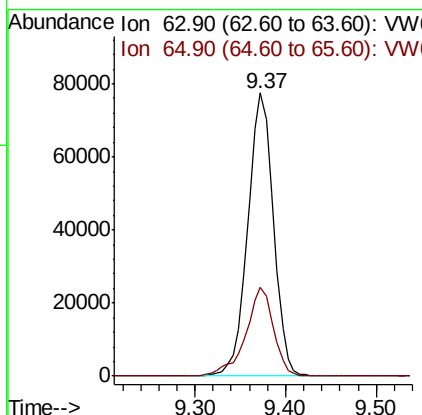
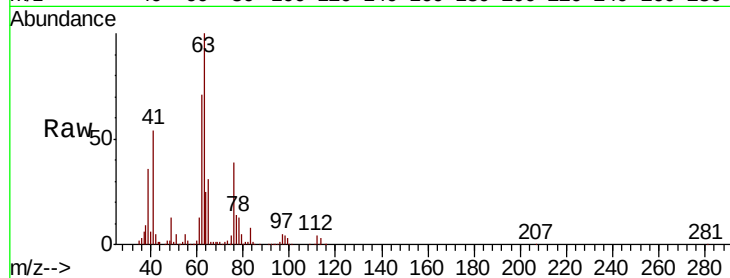




#45  
 1,2-Dichloropropane  
 Concen: 21.538 ug/l  
 RT: 9.37 min Scan# 1277  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

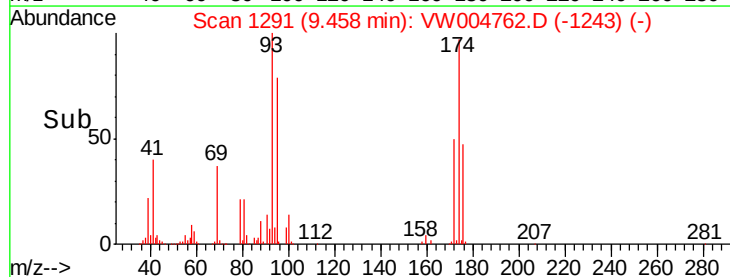
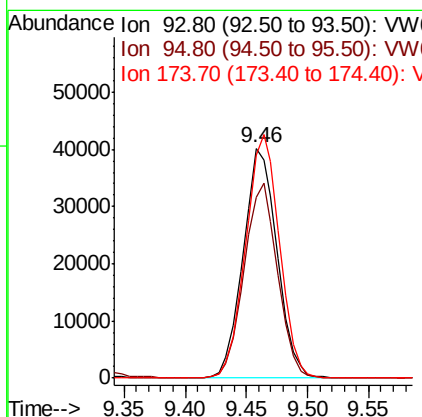
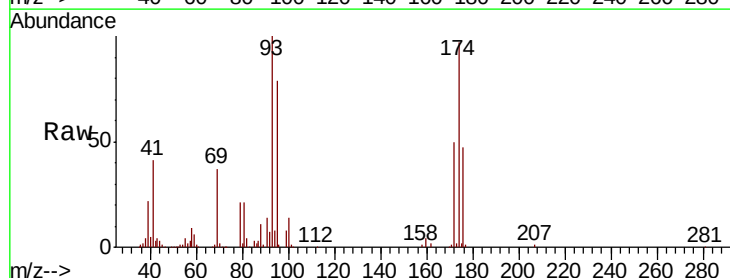
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0819SBSD02

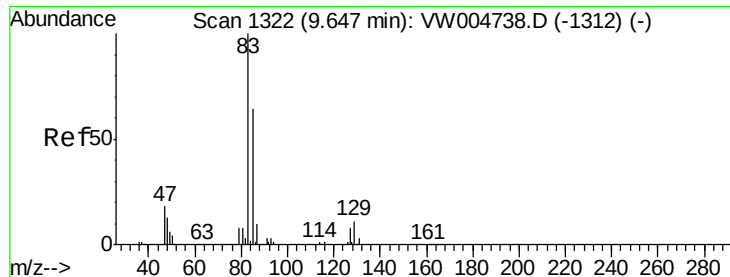
Tgt Ion: 63 Resp: 151914  
 Ion Ratio Lower Upper  
 63 100  
 65 31.4 24.6 37.0



#46  
 Dibromomethane  
 Concen: 22.160 ug/l  
 RT: 9.46 min Scan# 1291  
 Delta R.T. -0.01 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

Tgt Ion: 93 Resp: 77433  
 Ion Ratio Lower Upper  
 93 100  
 95 84.1 66.6 99.8  
 174 106.0 85.3 127.9





#47

Bromodichloromethane

Concen: 21.492 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampleId :

VW0819SBSD02

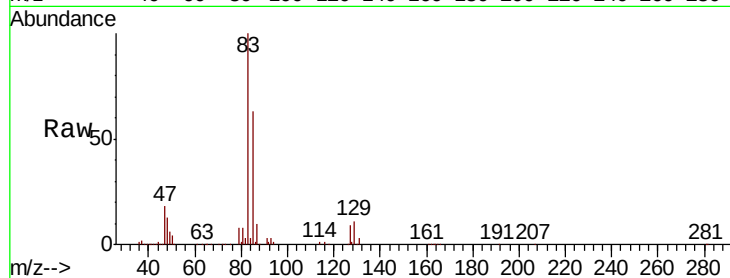
Tgt Ion: 83 Resp: 179358

Ion Ratio Lower Upper

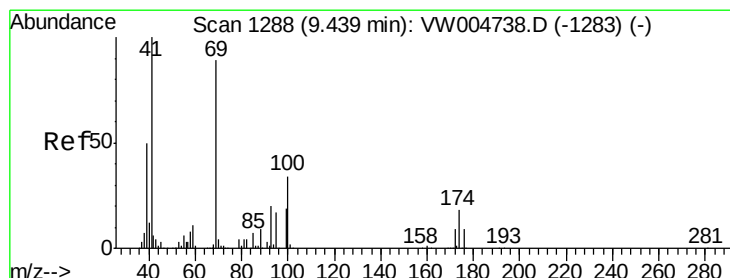
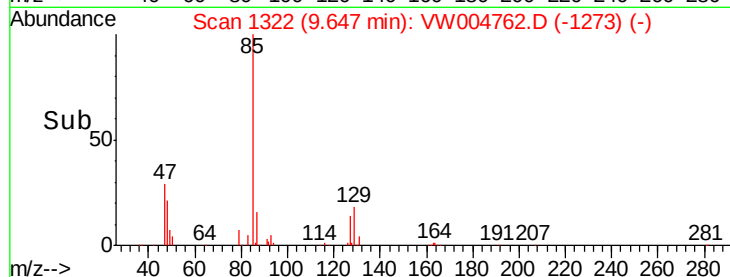
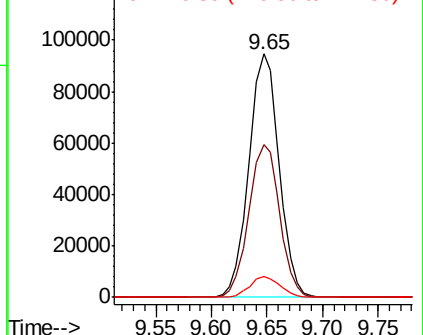
83 100

85 62.6 51.2 76.8

127 8.7 6.7 10.1



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



#48

Methyl methacrylate

Concen: 22.217 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

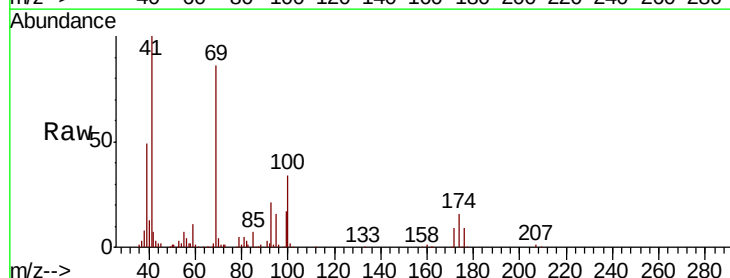
Tgt Ion: 41 Resp: 74063

Ion Ratio Lower Upper

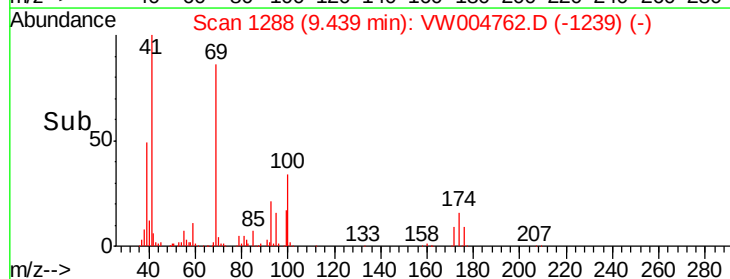
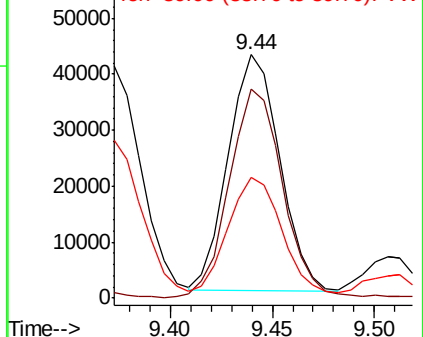
41 100

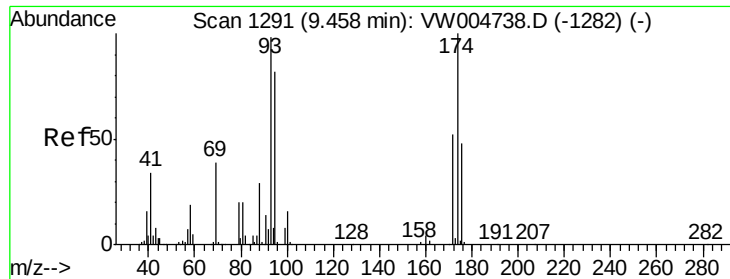
69 91.4 75.2 112.8

39 50.4 39.8 59.6



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

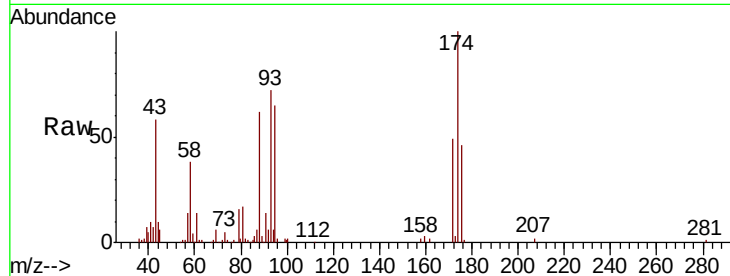




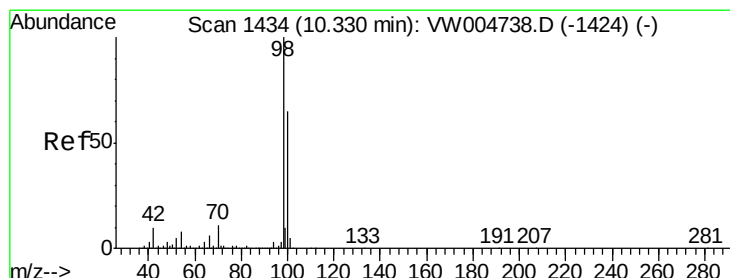
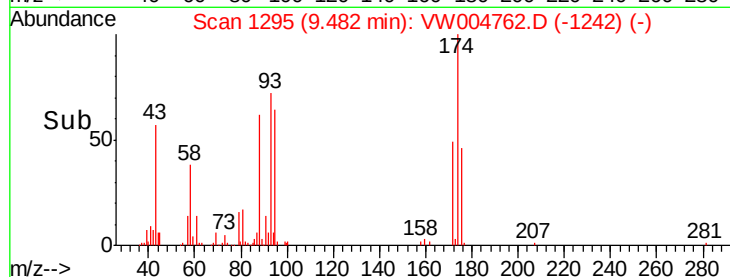
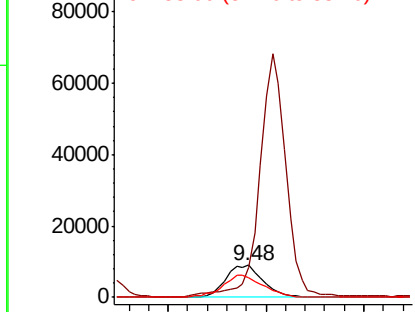
#49  
1,4-Dioxane  
Concen: 470.350 ug/l  
RT: 9.48 min Scan# 1295  
Delta R.T. 0.02 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0819SBSD02

Tgt Ion: 88 Resp: 24012  
Ion Ratio Lower Upper  
88 100  
43 0.0 22.9 34.3#  
58 75.4 60.0 90.0

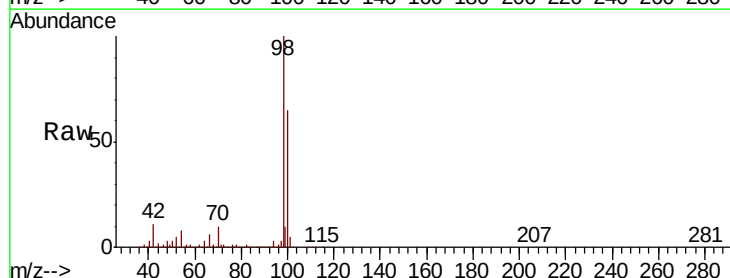


Abundance Ion 88.00 (87.70 to 88.70): VW  
Ion 43.00 (42.70 to 43.70): VW  
Ion 58.00 (57.70 to 58.70): VW

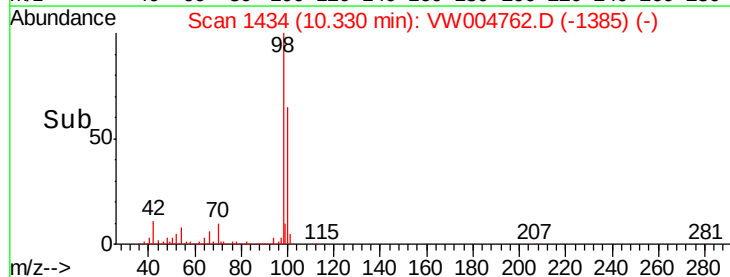
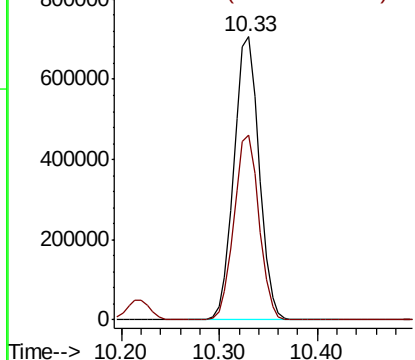


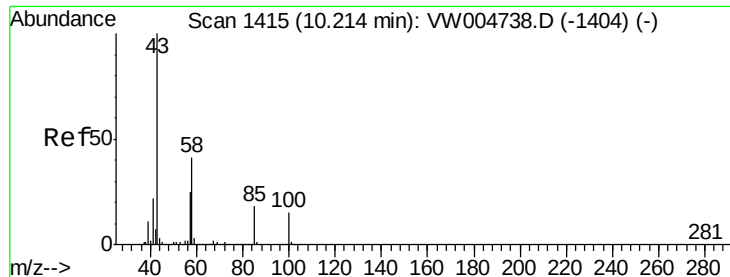
#50  
Toluene-d8  
Concen: 52.478 ug/l  
RT: 10.33 min Scan# 1434  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

Tgt Ion: 98 Resp: 1260999  
Ion Ratio Lower Upper  
98 100  
100 64.8 51.8 77.8



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

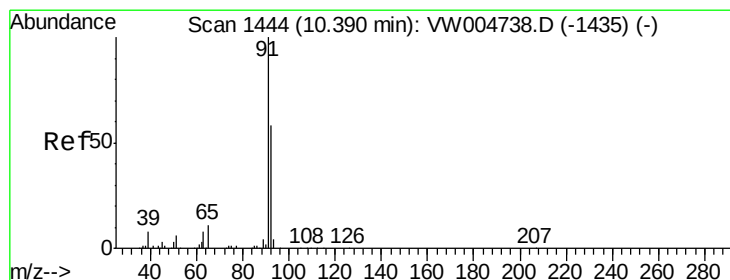
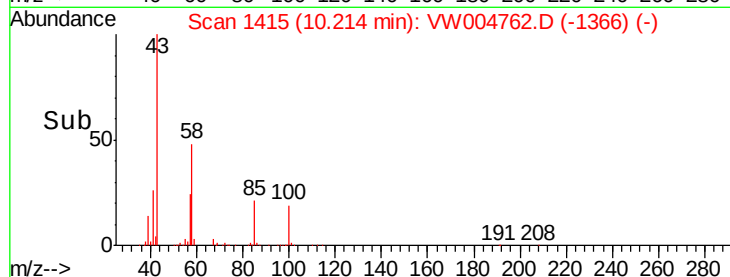
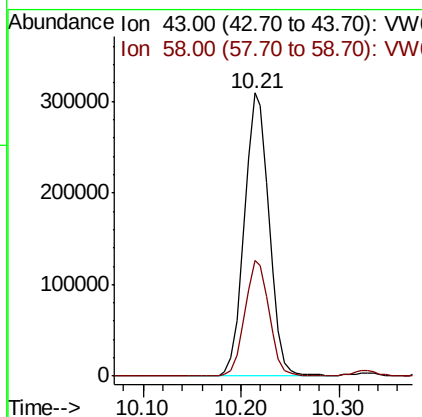
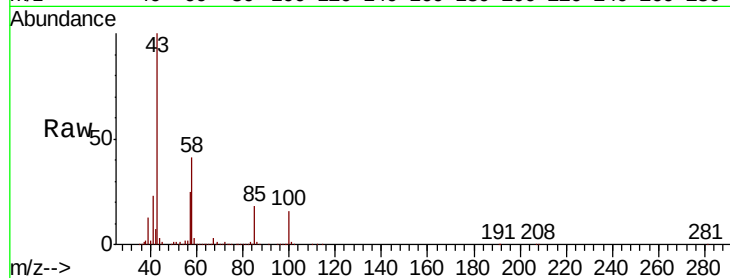




#51  
 4-Methyl-2-Pentanone  
 Concen: 112.166 ug/l  
 RT: 10.21 min Scan# 1415  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

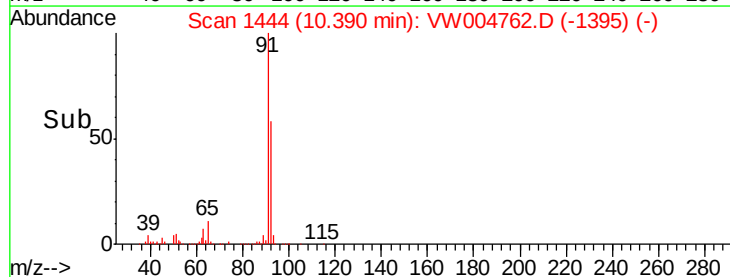
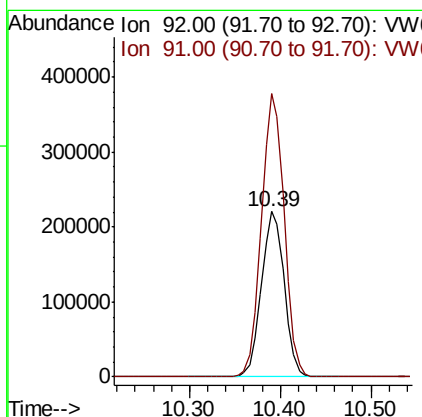
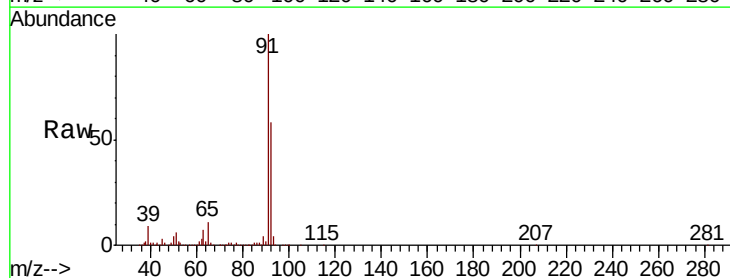
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0819SBS02

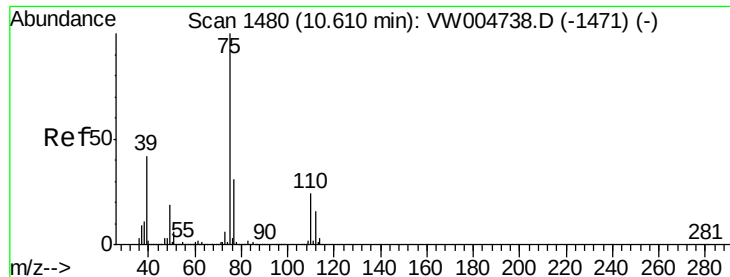
Tgt Ion: 43 Resp: 538558  
 Ion Ratio Lower Upper  
 43 100  
 58 40.2 32.7 49.1



#52  
 Toluene  
 Concen: 22.100 ug/l  
 RT: 10.39 min Scan# 1444  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

Tgt Ion: 92 Resp: 382194  
 Ion Ratio Lower Upper  
 92 100  
 91 171.1 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 20.556 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampleId :

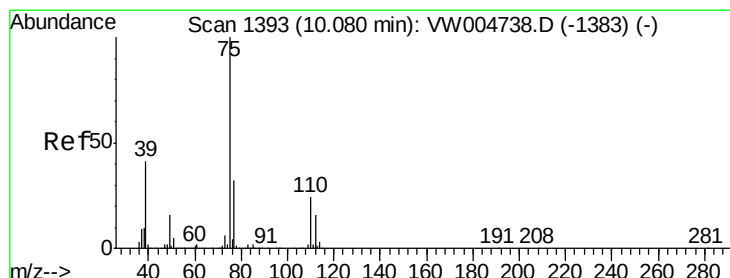
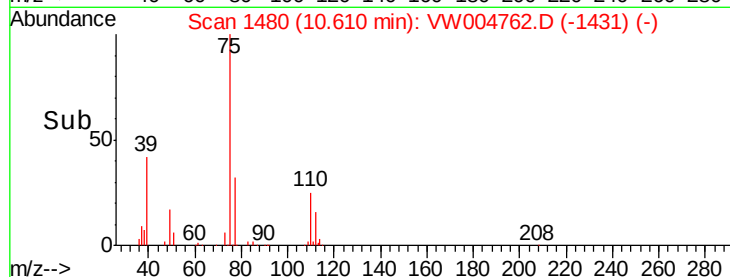
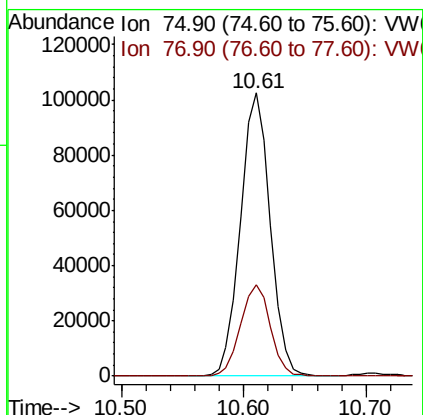
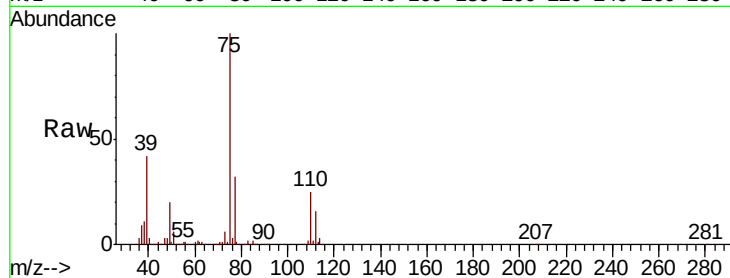
VW0819SBSD02

Tgt Ion: 75 Resp: 172832

Ion Ratio Lower Upper

75 100

77 32.1 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 20.507 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

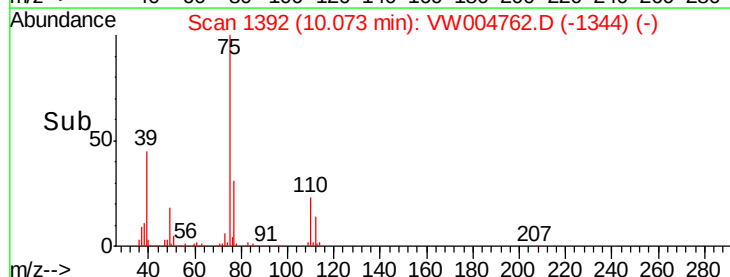
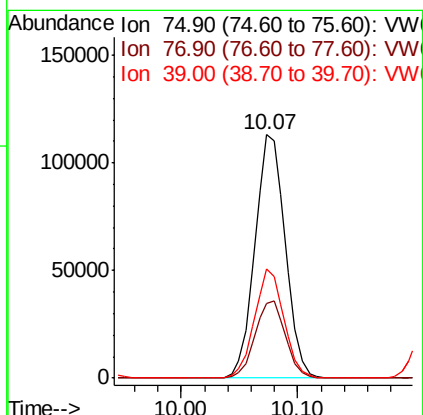
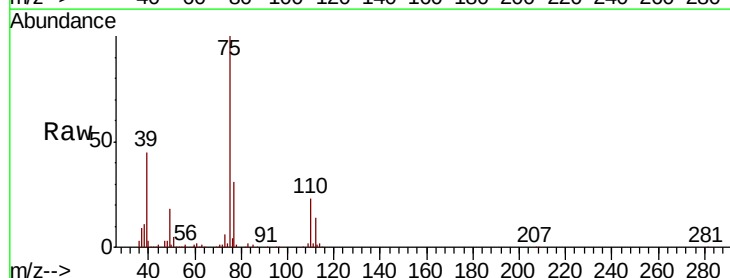
Tgt Ion: 75 Resp: 205555

Ion Ratio Lower Upper

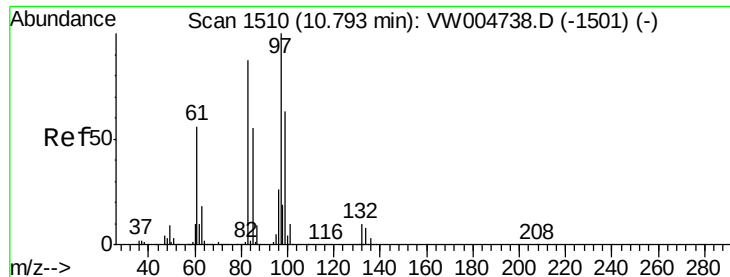
75 100

77 30.6 25.6 38.4

39 44.9 33.0 49.4



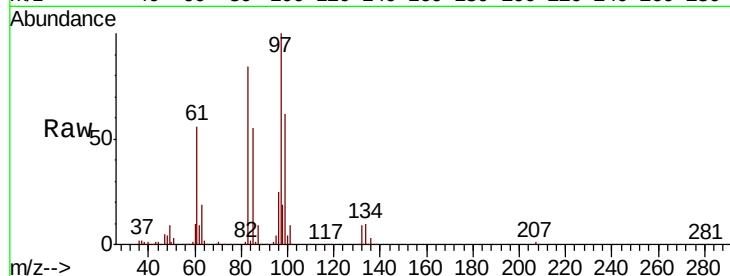




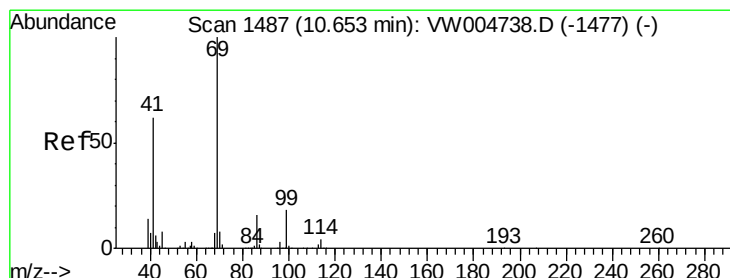
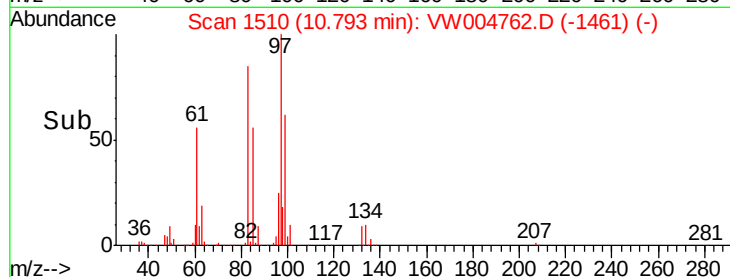
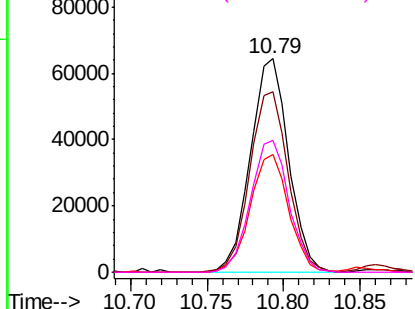
#55  
 1,1,2-Trichloroethane  
 Concen: 22.631 ug/l  
 RT: 10.79 min Scan# 1510  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0819SBSD02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 112409 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 84.5  | 69.4  | 104.2  |
| 85       | 55.4  | 44.3  | 66.5   |
| 99       | 61.6  | 50.2  | 75.2   |

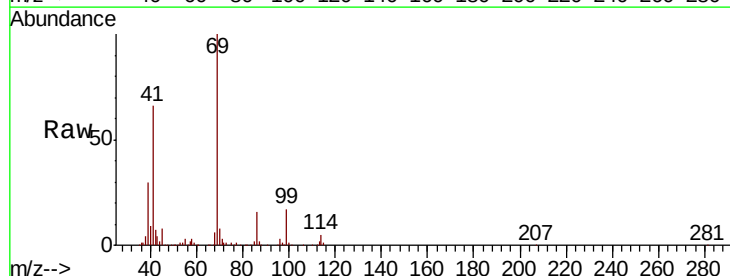


Abundance Ion 96.90 (96.60 to 97.60): VW  
 Ion 82.90 (82.60 to 83.60): VW  
 Ion 84.90 (84.60 to 85.60): VW  
 Ion 98.90 (98.60 to 99.60): VW

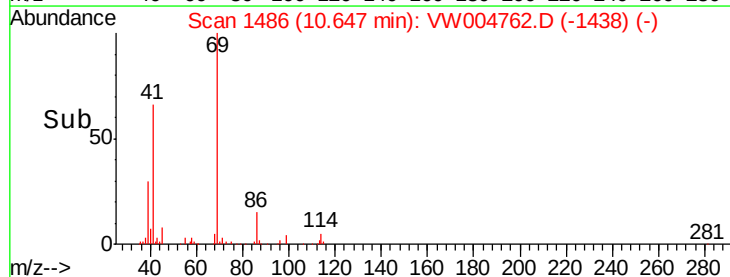
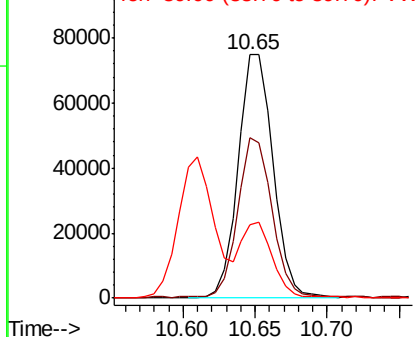


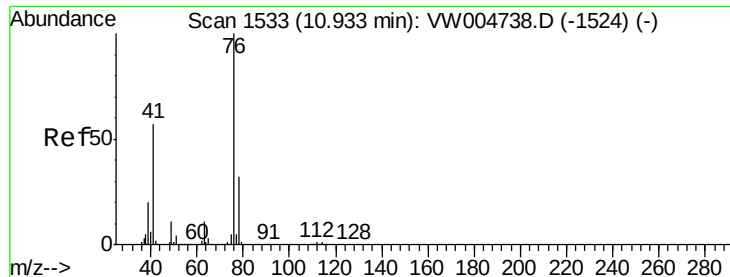
#56  
 Ethyl methacrylate  
 Concen: 21.326 ug/l  
 RT: 10.65 min Scan# 1486  
 Delta R.T. -0.01 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 126594 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 64.8  | 50.7  | 76.1   |
| 39       | 27.2  | 21.4  | 32.2   |



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





#57

1,3-Dichloropropane

Concen: 22.085 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampleId :

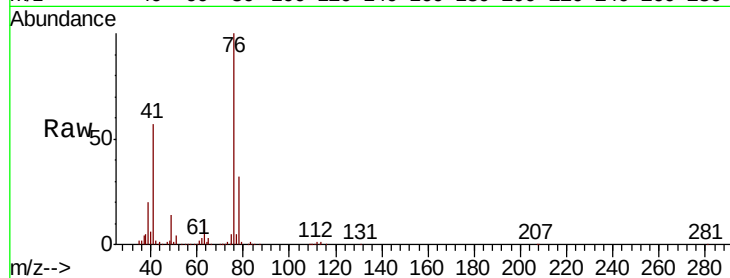
VW0819SBSD02

Tgt Ion: 76 Resp: 189351

Ion Ratio Lower Upper

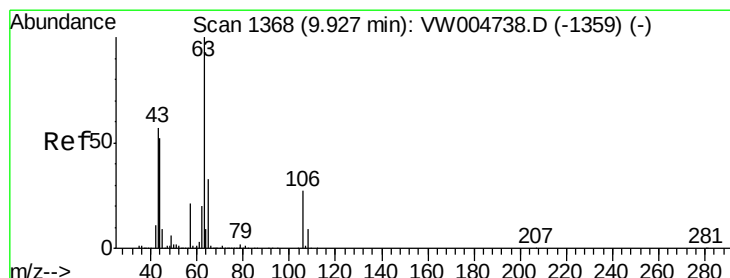
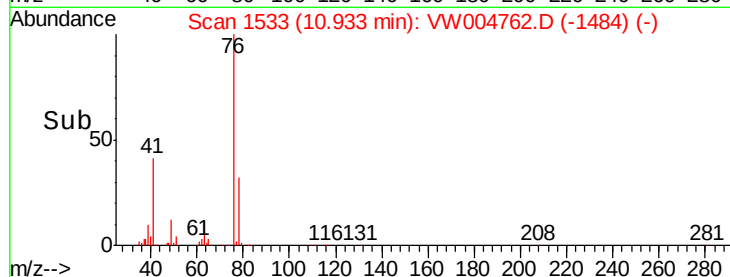
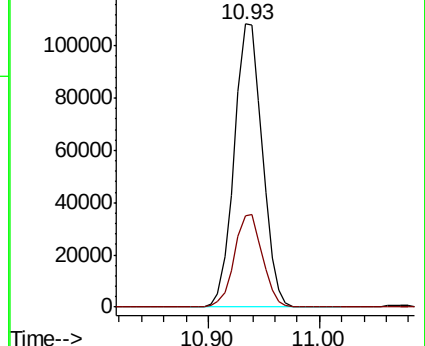
76 100

78 32.9 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 109.793 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW004762.D

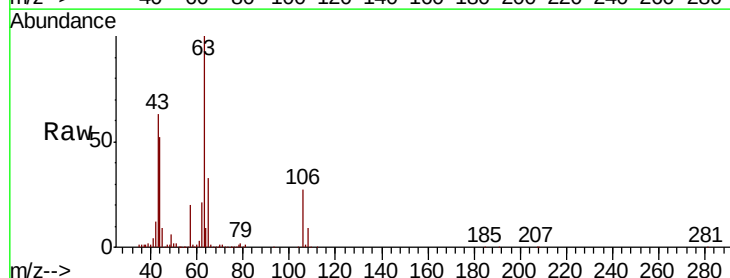
Acq: 18 Aug 2018 06:05

Tgt Ion: 63 Resp: 301173

Ion Ratio Lower Upper

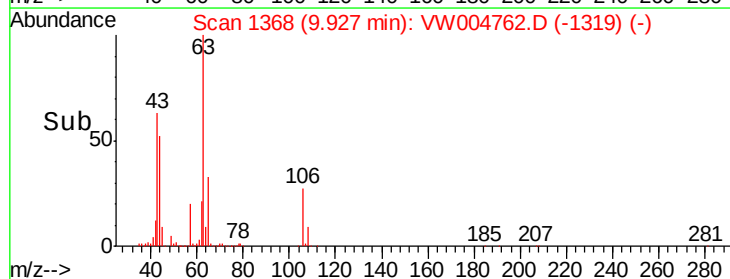
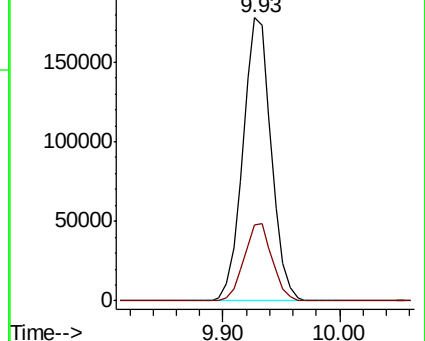
63 100

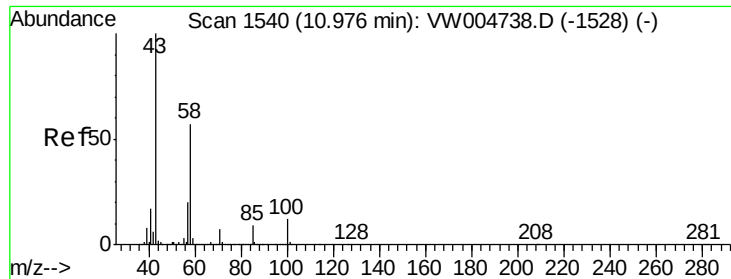
106 27.1 22.1 33.1



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

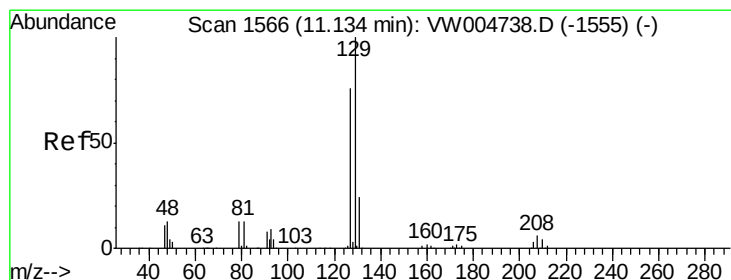
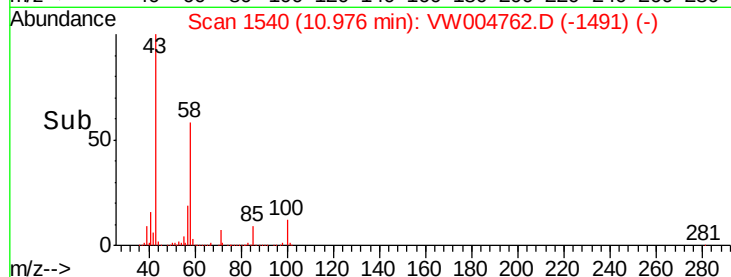
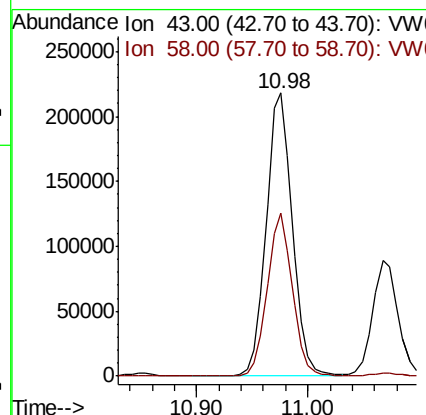
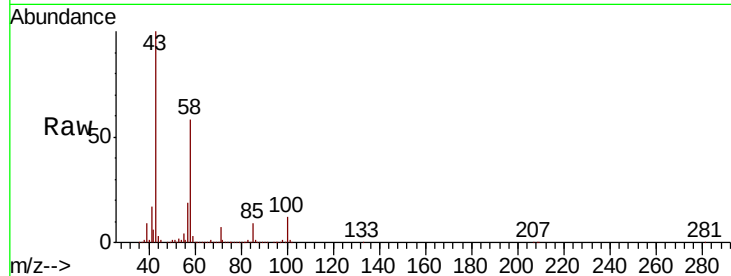




#59  
2-Hexanone  
Concen: 109.797 ug/l  
RT: 10.98 min Scan# 1540  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

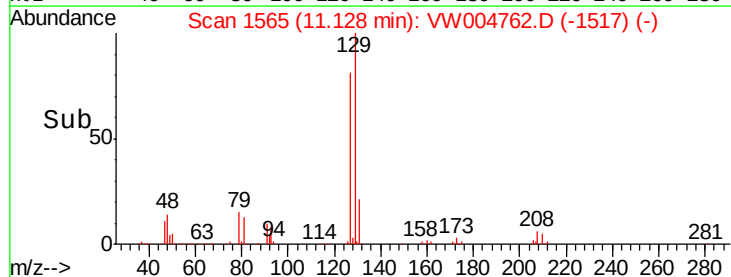
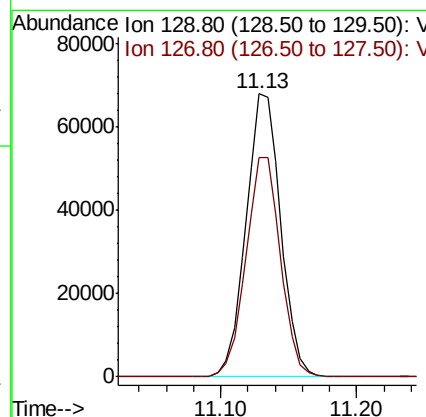
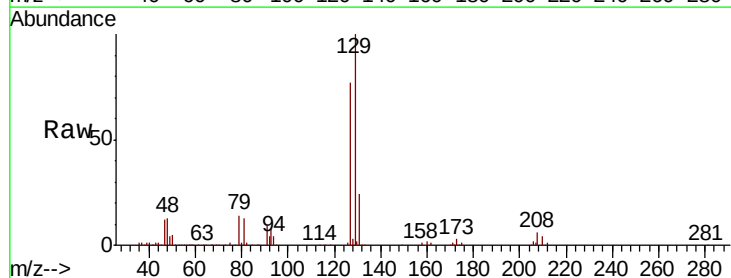
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0819SBS02

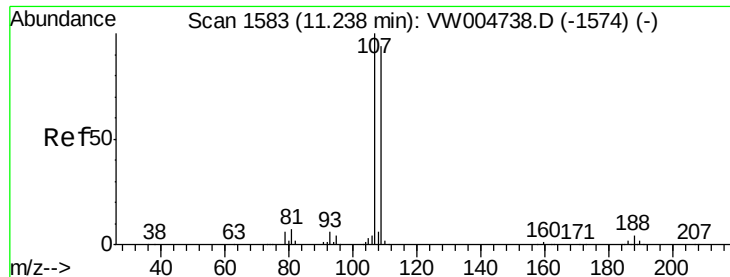
Tgt Ion: 43 Resp: 357202  
Ion Ratio Lower Upper  
43 100  
58 55.7 28.1 84.4



#60  
Dibromochloromethane  
Concen: 21.679 ug/l  
RT: 11.13 min Scan# 1565  
Delta R.T. -0.01 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

Tgt Ion: 129 Resp: 120813  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.5 115.5

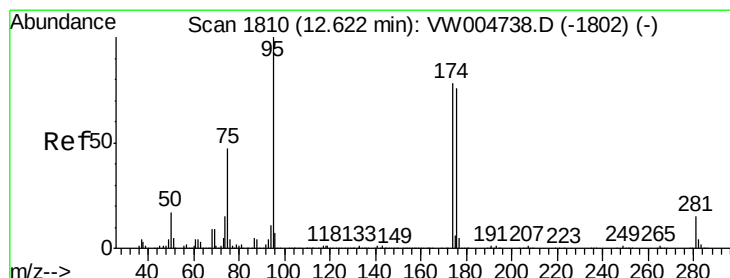
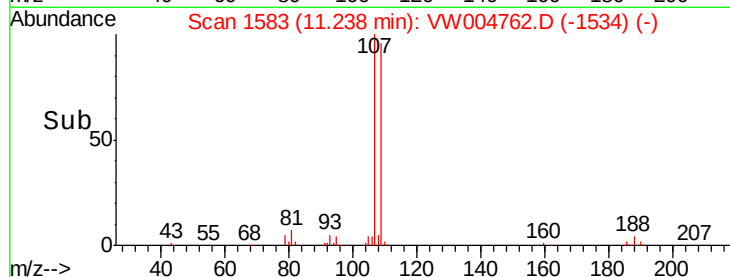
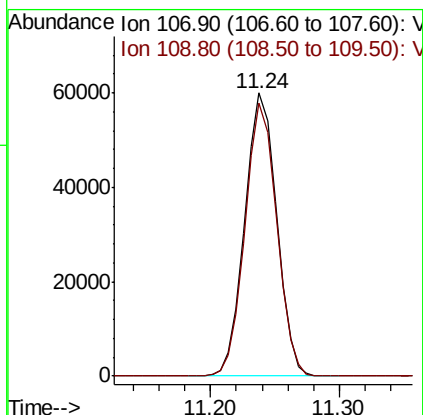
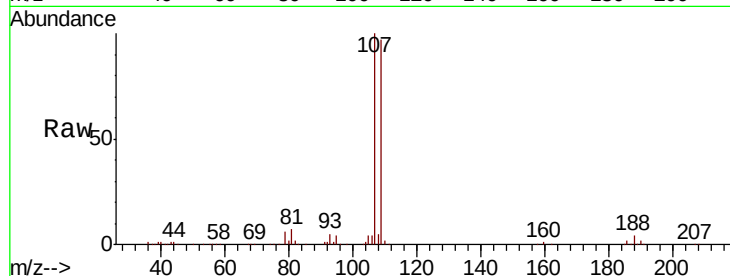




#61  
 1,2-Dibromoethane  
 Concen: 21.622 ug/l  
 RT: 11.24 min Scan# 1583  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

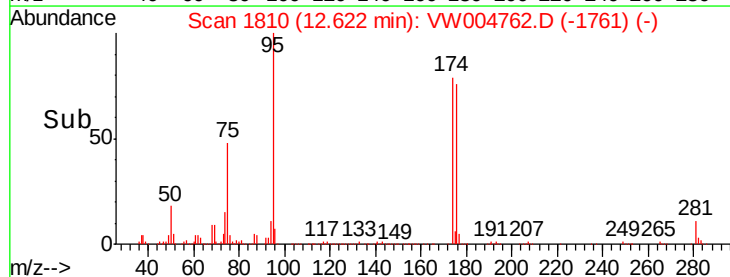
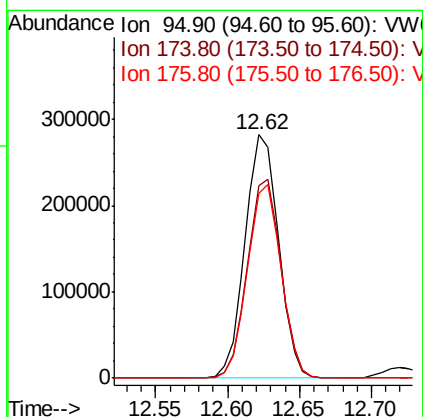
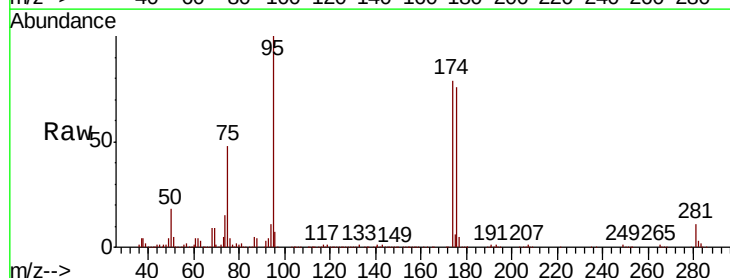
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0819SBSD02

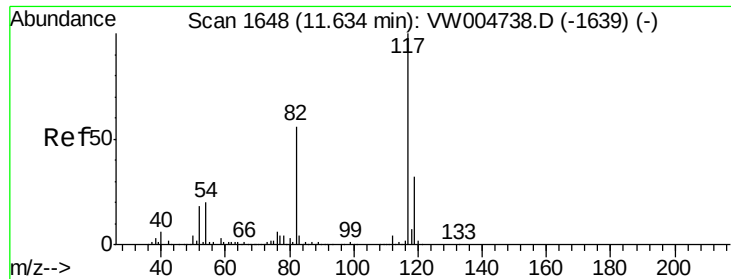
Tgt Ion: 107 Resp: 102658  
 Ion Ratio Lower Upper  
 107 100  
 109 95.7 75.5 113.3



#62  
 4-Bromofluorobenzene  
 Concen: 52.583 ug/l  
 RT: 12.62 min Scan# 1810  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

Tgt Ion: 95 Resp: 454568  
 Ion Ratio Lower Upper  
 95 100  
 174 82.0 0.0 165.8  
 176 79.5 0.0 159.8

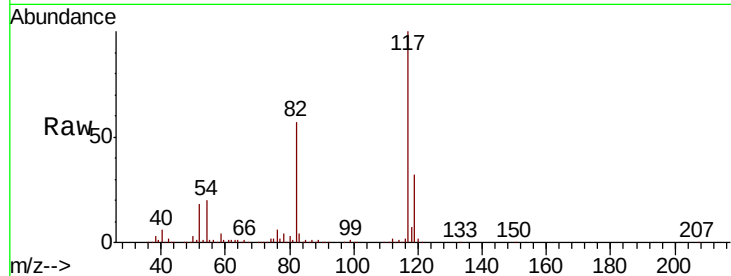




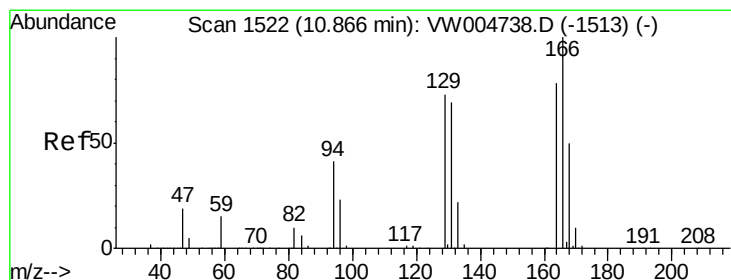
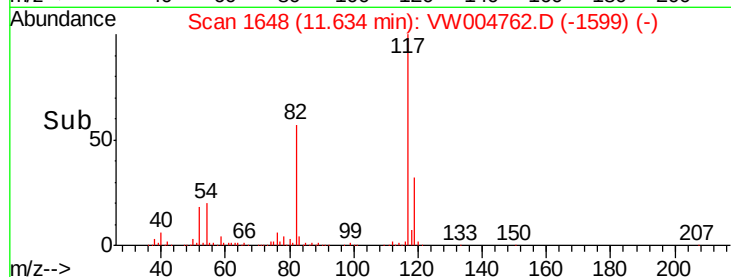
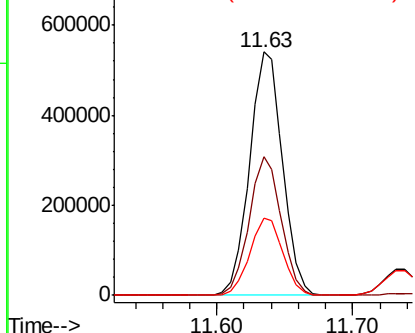
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1648  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0819SBSD02

Tgt Ion:117 Resp: 916656  
Ion Ratio Lower Upper  
117 100  
82 57.0 44.6 67.0  
119 32.0 25.6 38.4

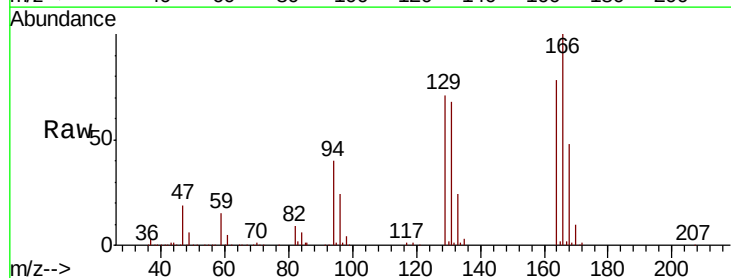


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

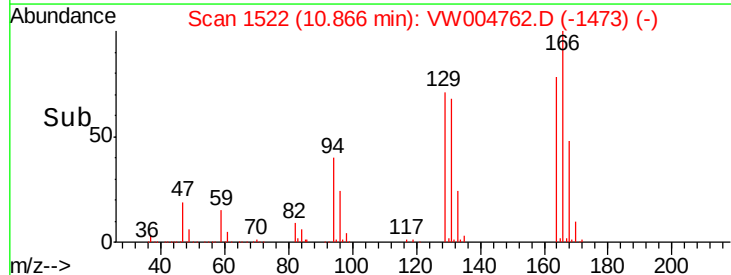
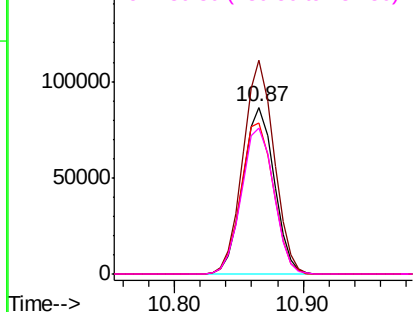


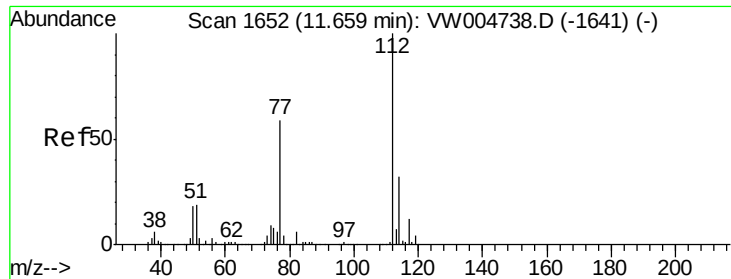
#64  
Tetrachloroethene  
Concen: 23.294 ug/l  
RT: 10.87 min Scan# 1522  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

Tgt Ion:164 Resp: 145928  
Ion Ratio Lower Upper  
164 100  
166 128.0 102.5 153.7  
129 90.6 75.1 112.7  
131 87.5 71.3 106.9



Abundance Ion 163.80 (163.50 to 164.50): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 21.153 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampleId :

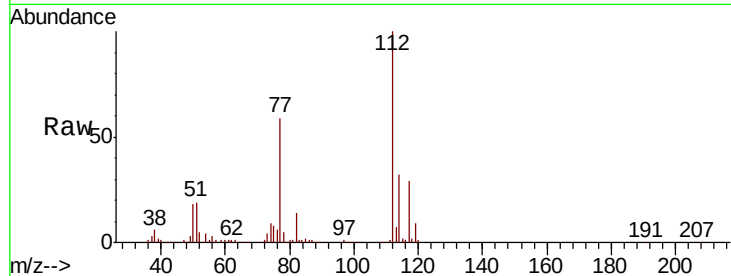
VW0819SBSD02

Tgt Ion:112 Resp: 417341

Ion Ratio Lower Upper

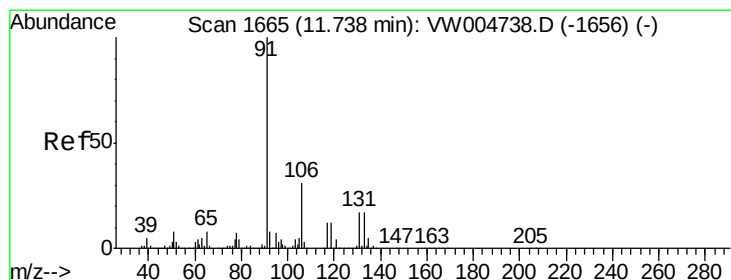
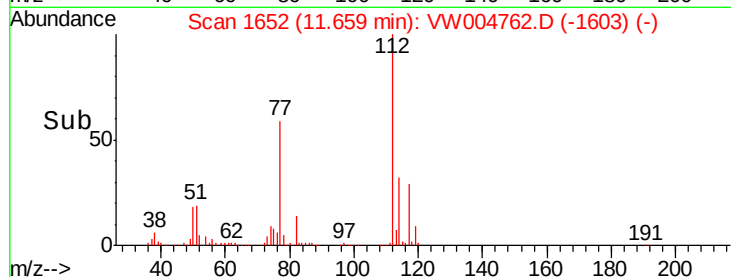
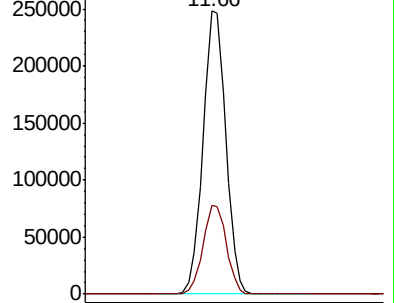
112 100

114 31.6 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.211 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

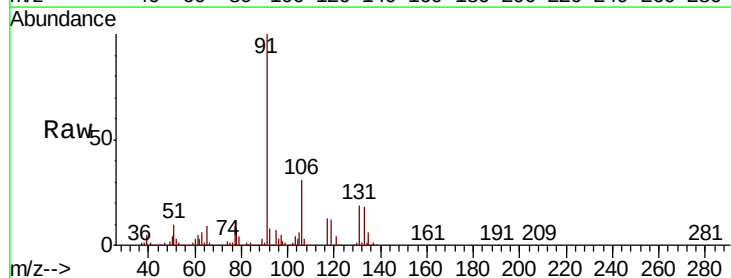
Tgt Ion:131 Resp: 141301

Ion Ratio Lower Upper

131 100

133 95.6 48.2 144.6

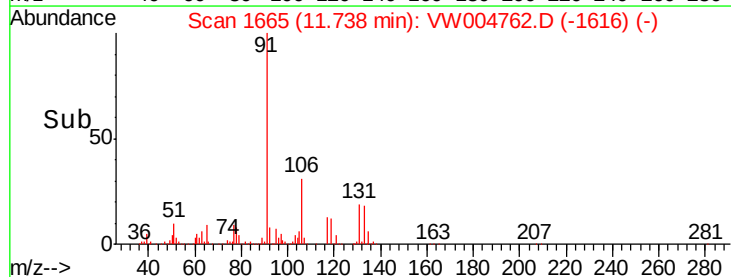
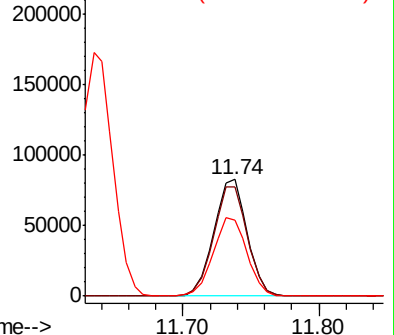
119 68.0 34.0 102.0

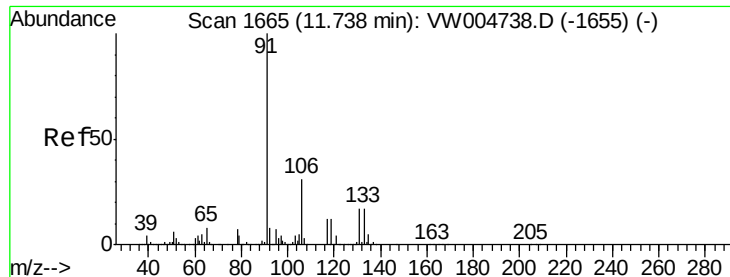


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.933 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampleId :

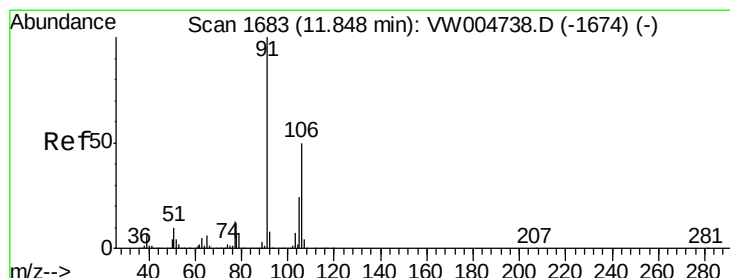
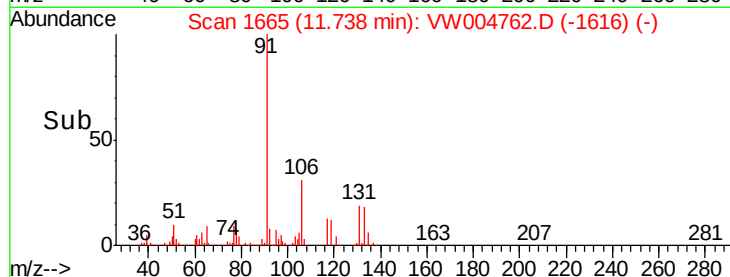
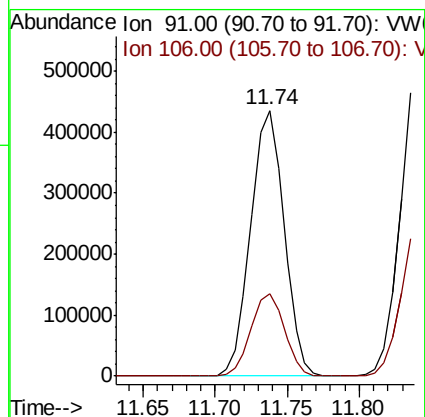
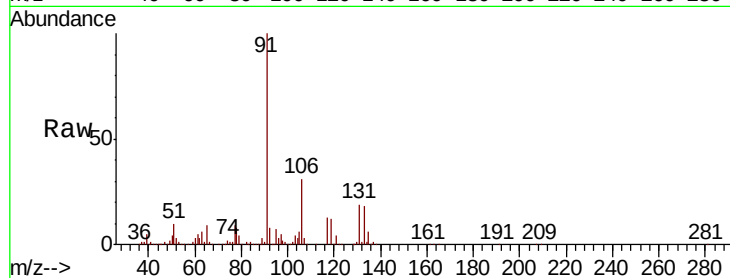
VW0819SBSD02

Tgt Ion: 91 Resp: 700152

Ion Ratio Lower Upper

91 100

106 31.1 24.9 37.3



#68

m/p-Xylenes

Concen: 42.703 ug/l

RT: 11.85 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW004762.D

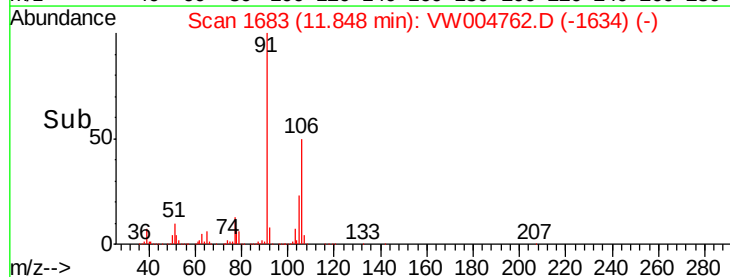
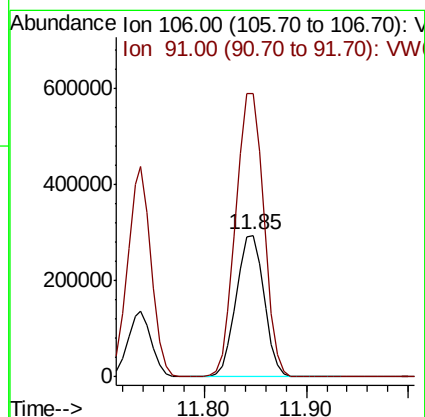
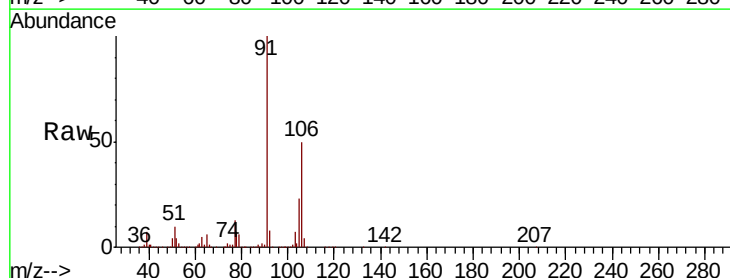
Acq: 18 Aug 2018 06:05

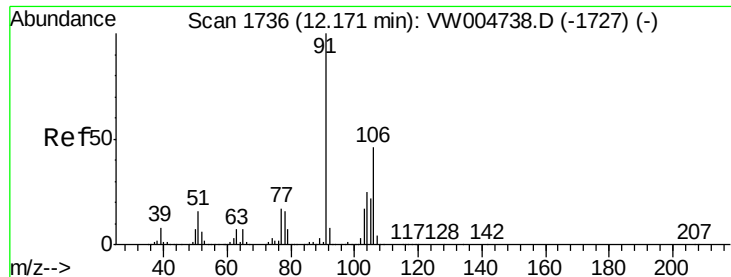
Tgt Ion: 106 Resp: 555680

Ion Ratio Lower Upper

106 100

91 202.1 159.9 239.9

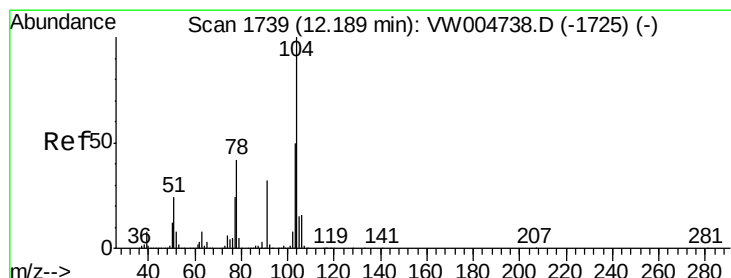
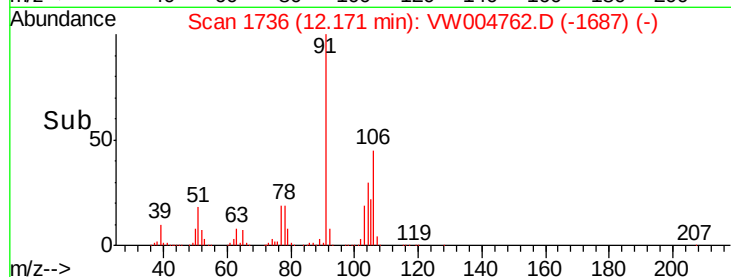
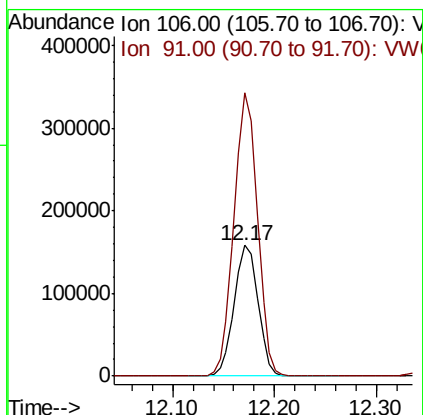
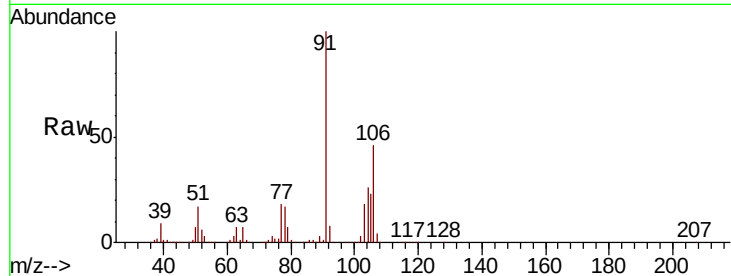




#69  
o-Xylene  
Concen: 21.294 ug/l  
RT: 12.17 min Scan# 1736  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

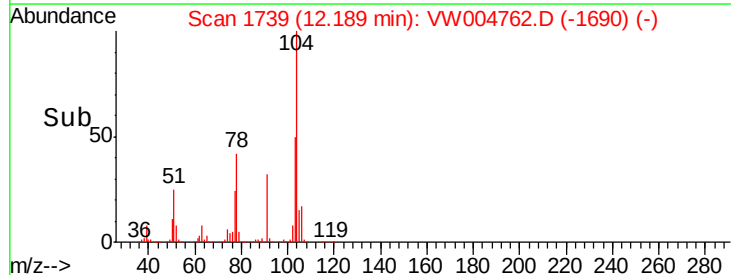
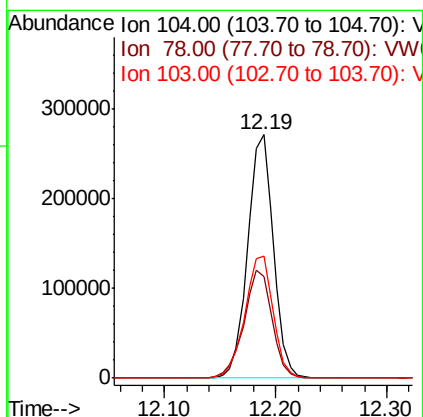
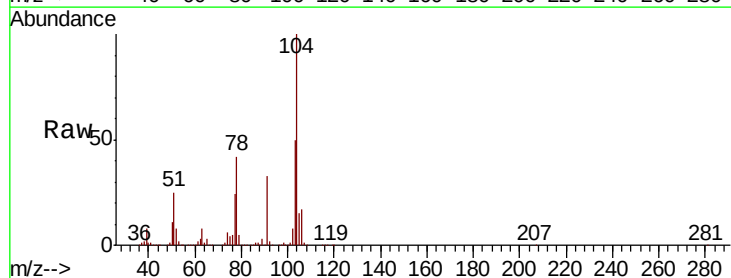
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0819SBSD02

Tgt Ion:106 Resp: 256514  
Ion Ratio Lower Upper  
106 100  
91 212.3 107.3 321.8

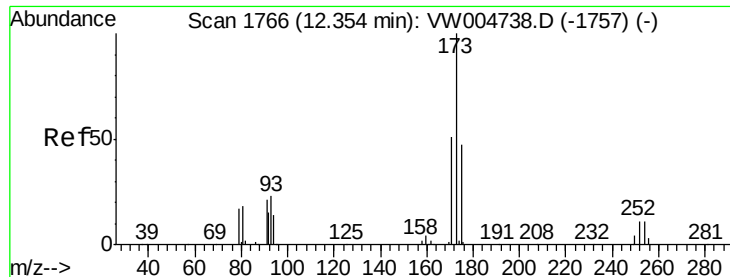


#70  
Styrene  
Concen: 21.544 ug/l  
RT: 12.19 min Scan# 1739  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

Tgt Ion:104 Resp: 435949  
Ion Ratio Lower Upper  
104 100  
78 48.3 38.4 57.6  
103 55.0 44.1 66.1







#71

Bromoform

Concen: 20.955 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampleId :

VW0819SBS02

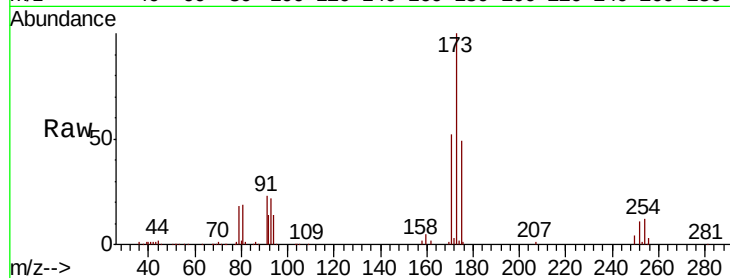
Tgt Ion:173 Resp: 73679

Ion Ratio Lower Upper

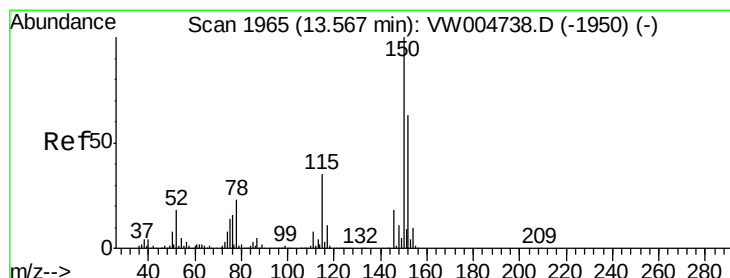
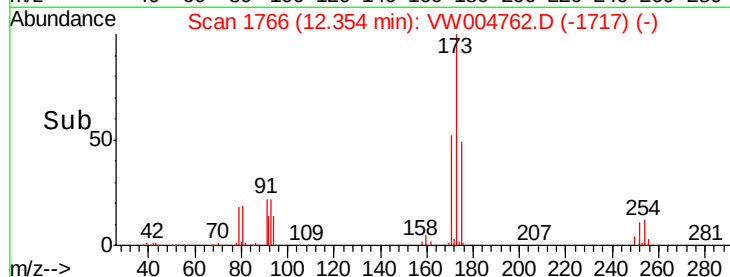
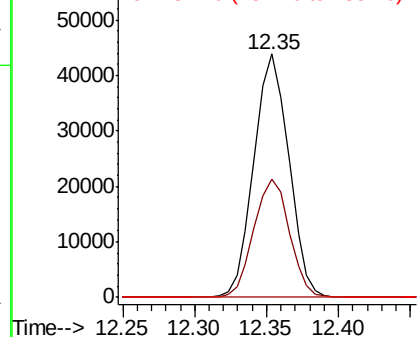
173 100

175 49.6 23.8 71.4

254 0.1 0.1 0.1#



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# 1965

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

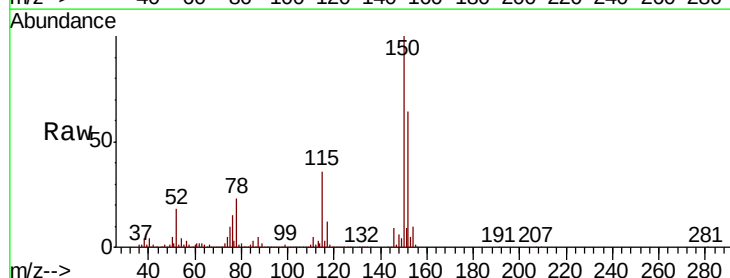
Tgt Ion:152 Resp: 487169

Ion Ratio Lower Upper

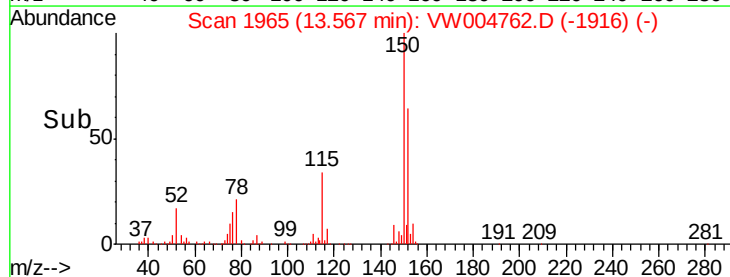
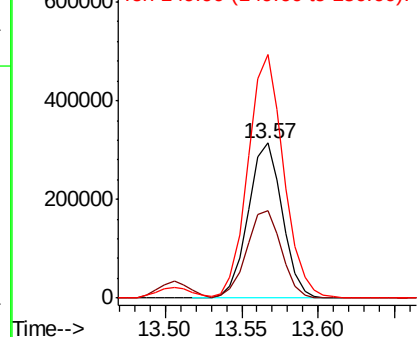
152 100

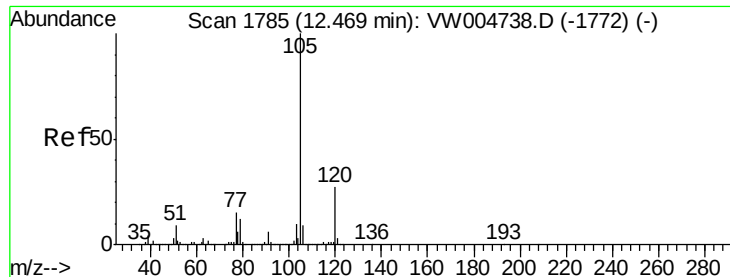
115 57.6 28.5 85.5

150 164.0 0.0 344.8



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





#73

Isopropylbenzene

Concen: 20.942 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampleId :

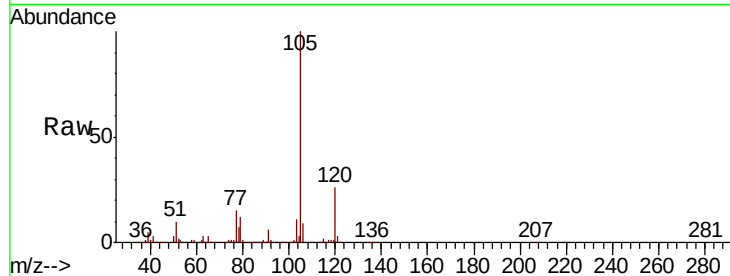
VW0819SBSD02

Tgt Ion: 105 Resp: 694061

Ion Ratio Lower Upper

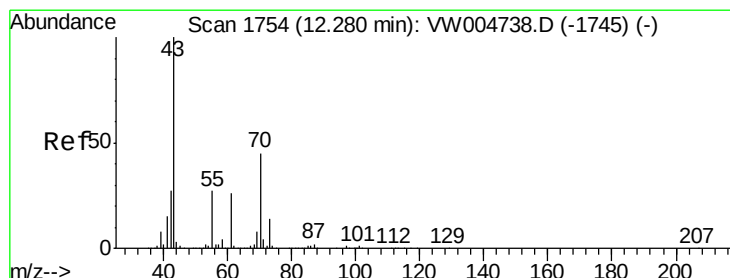
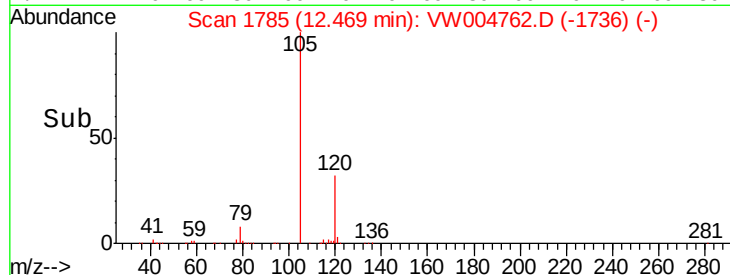
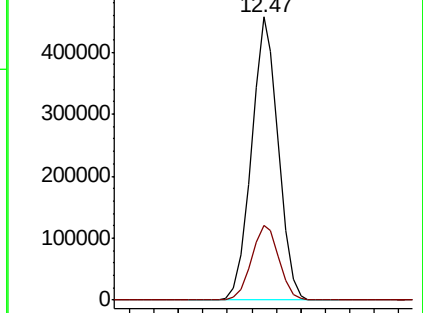
105 100

120 27.1 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-amyl acetate

Concen: 21.325 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Tgt Ion: 43 Resp: 146078

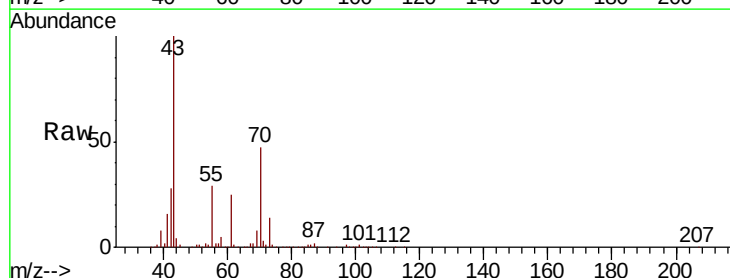
Ion Ratio Lower Upper

43 100

70 45.4 36.3 54.5

55 29.6 22.6 33.8

61 24.5 20.2 30.4

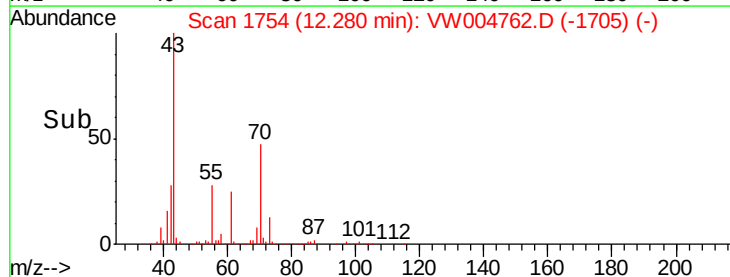
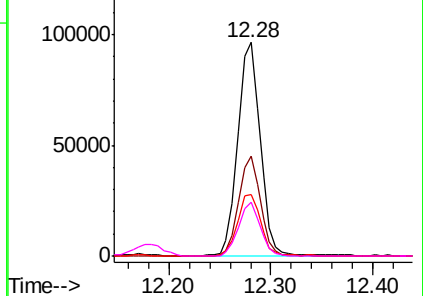


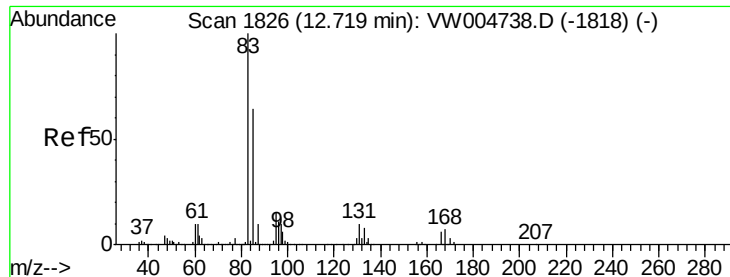
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 22.094 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampleId :

VW0819SBSD02

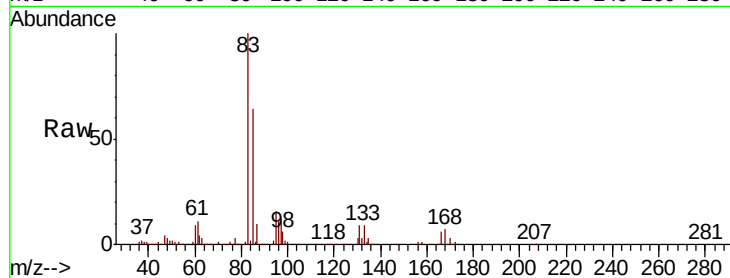
Tgt Ion: 83 Resp: 135645

Ion Ratio Lower Upper

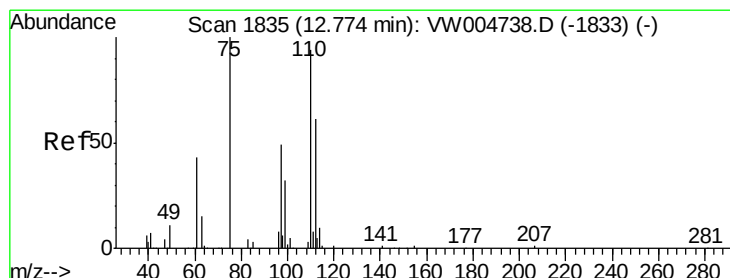
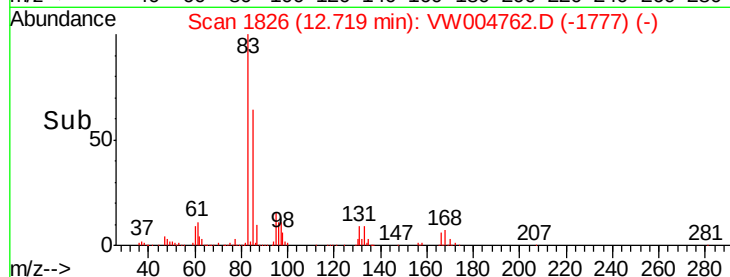
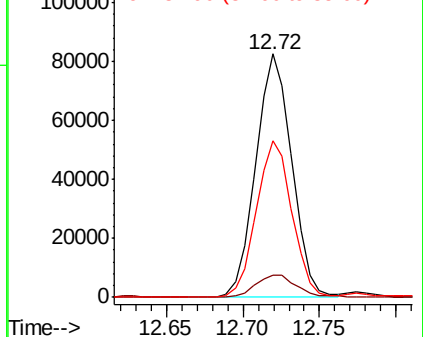
83 100

131 10.4 5.3 15.8

85 63.6 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW  
Ion 130.80 (130.50 to 131.50): V  
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 38.480 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW004762.D

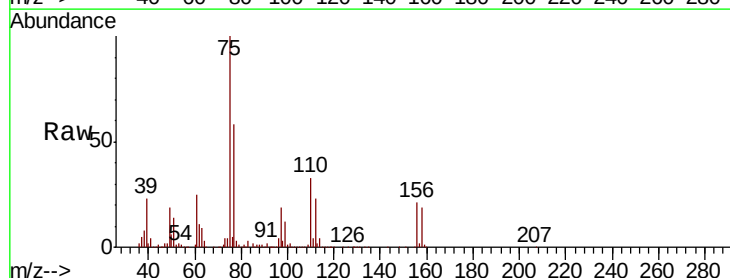
Acq: 18 Aug 2018 06:05

Tgt Ion: 75 Resp: 165251

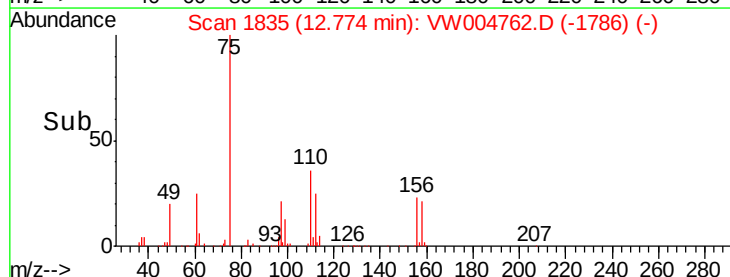
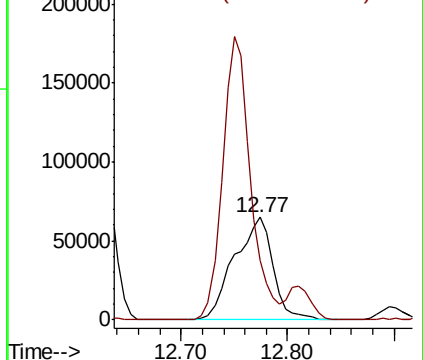
Ion Ratio Lower Upper

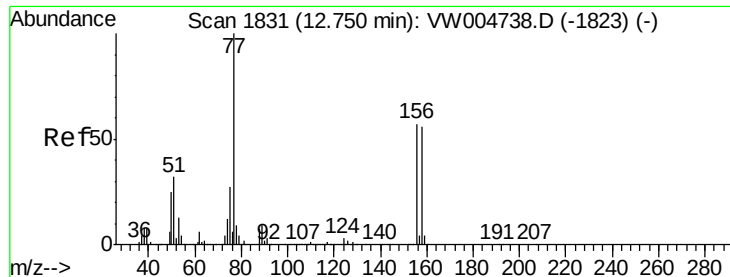
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW  
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.398 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampleId :

VW0819SBSD02

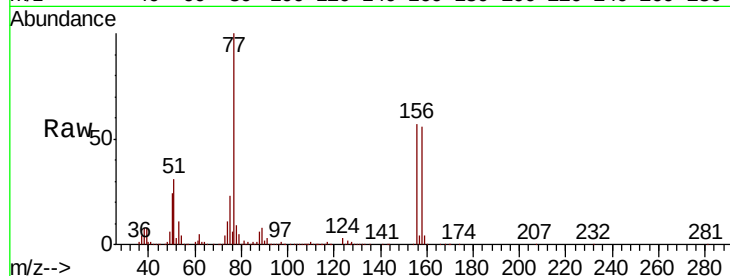
Tgt Ion:156 Resp: 171655

Ion Ratio Lower Upper

156 100

77 190.4 94.2 282.4

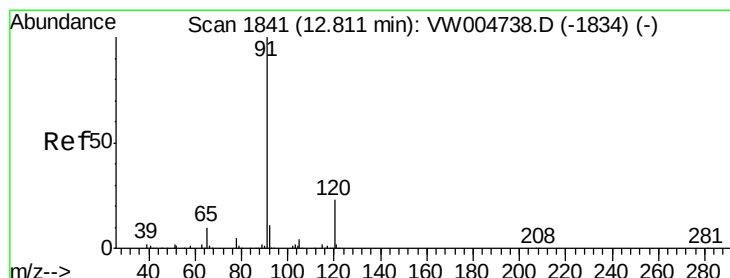
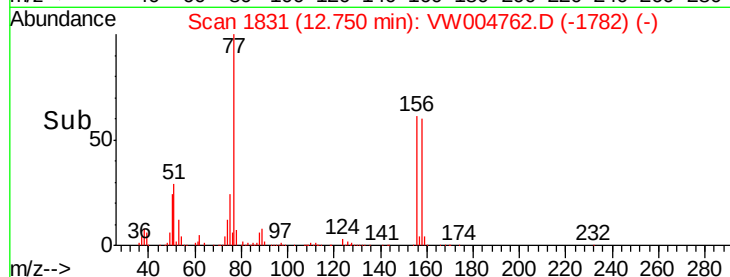
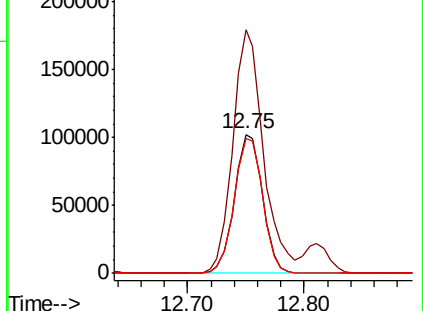
158 98.5 48.6 145.9



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: 21.405 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW004762.D

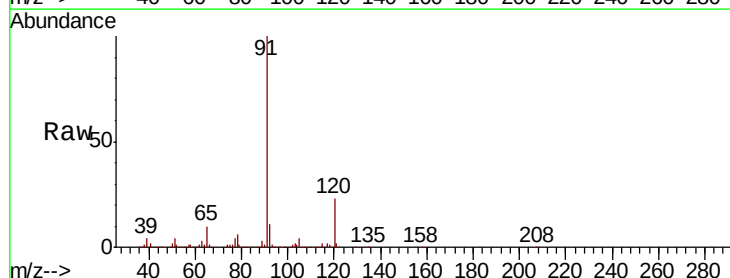
Acq: 18 Aug 2018 06:05

Tgt Ion: 91 Resp: 865666

Ion Ratio Lower Upper

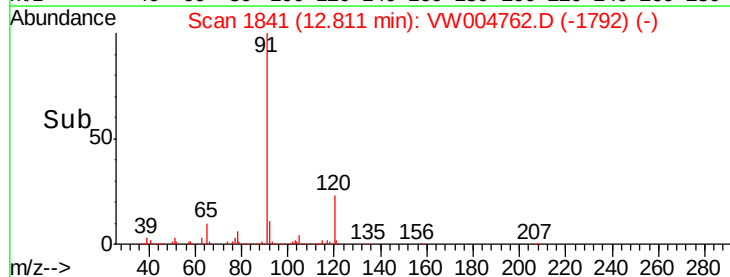
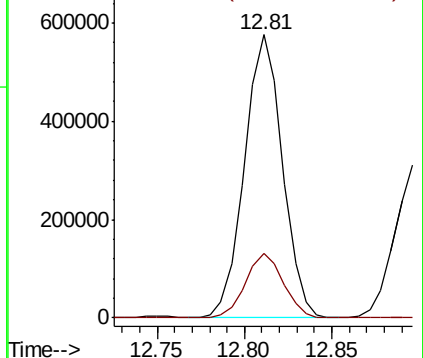
91 100

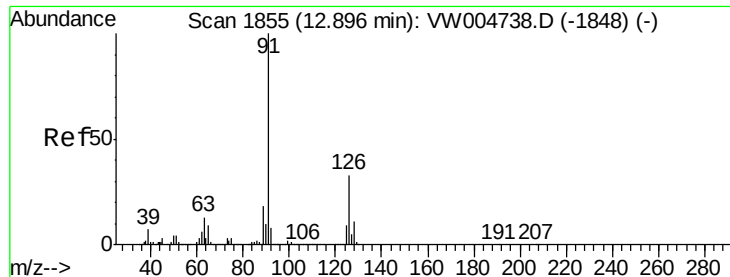
120 22.7 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.304 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampled :

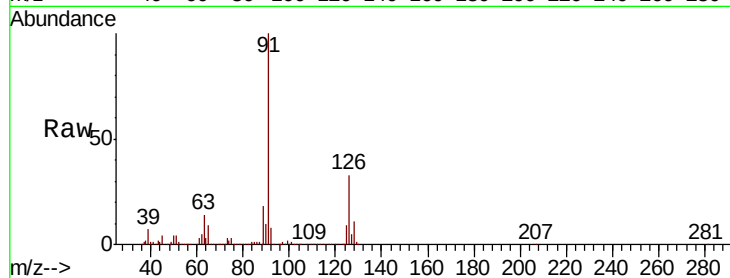
VW0819SBS02

Tgt Ion: 91 Resp: 496645

Ion Ratio Lower Upper

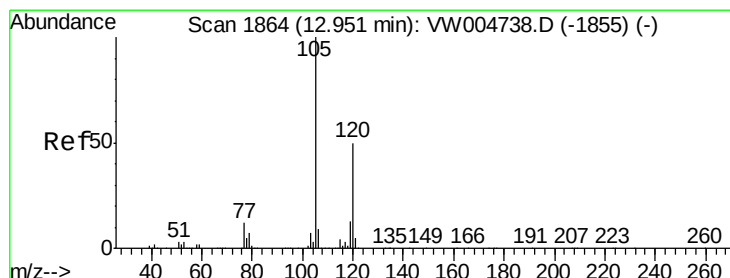
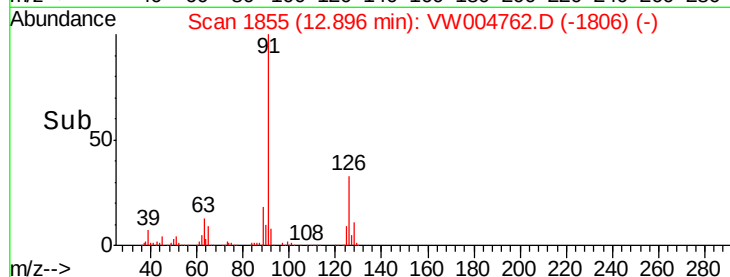
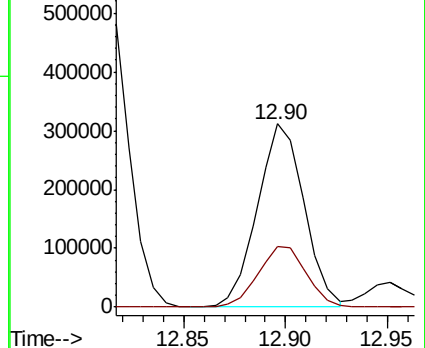
91 100

126 34.3 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.811 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004762.D

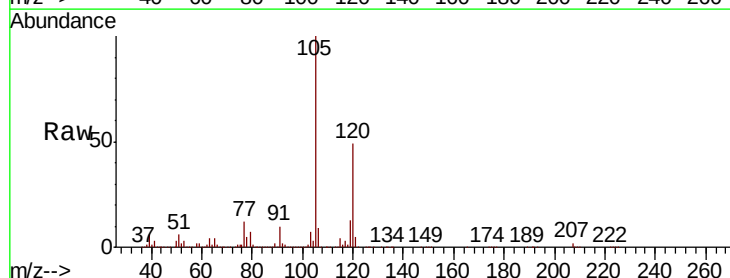
Acq: 18 Aug 2018 06:05

Tgt Ion: 105 Resp: 614128

Ion Ratio Lower Upper

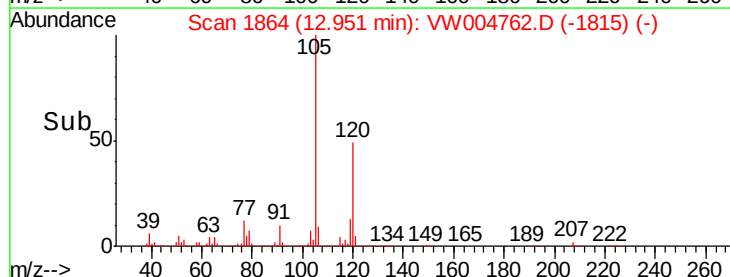
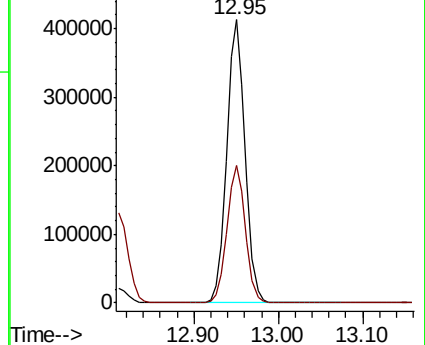
105 100

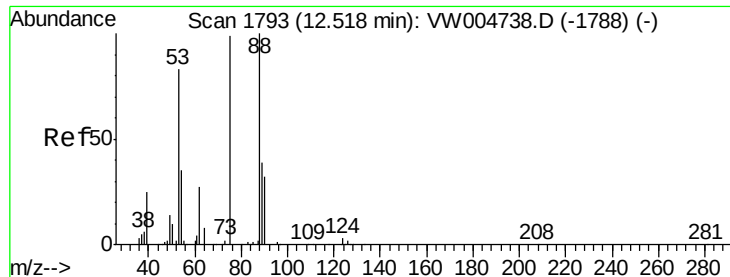
120 48.9 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.063 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampleId :

VW0819SBSD02

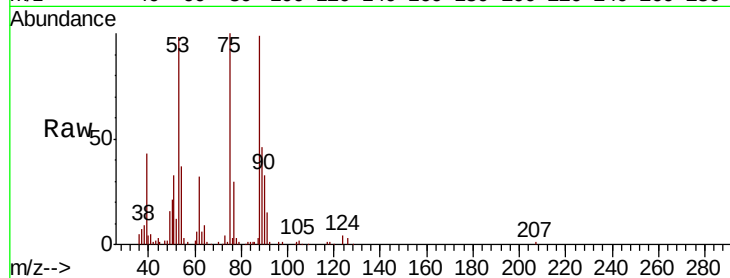
Tgt Ion: 75 Resp: 35223

Ion Ratio Lower Upper

75 100

53 94.4 72.2 108.4

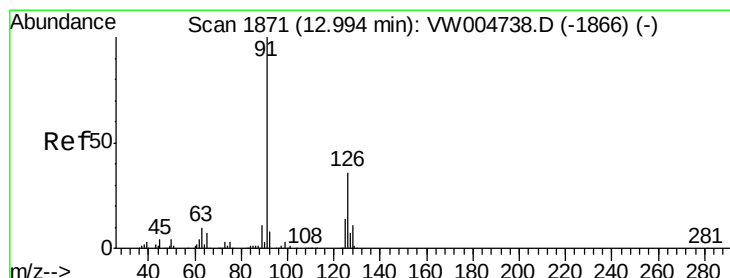
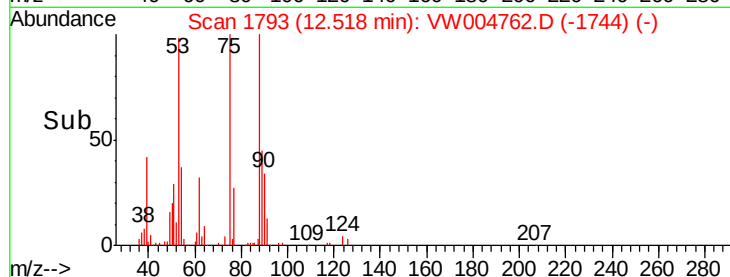
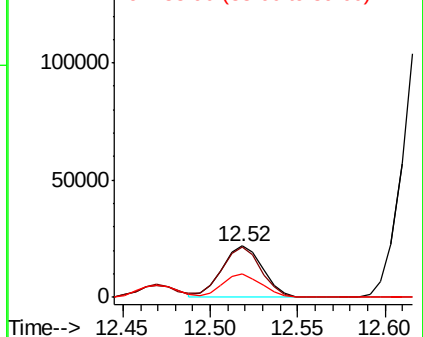
89 43.9 35.2 52.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 21.518 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW004762.D

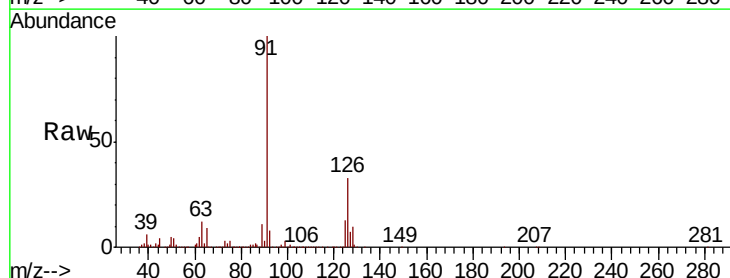
Acq: 18 Aug 2018 06:05

Tgt Ion: 91 Resp: 532986

Ion Ratio Lower Upper

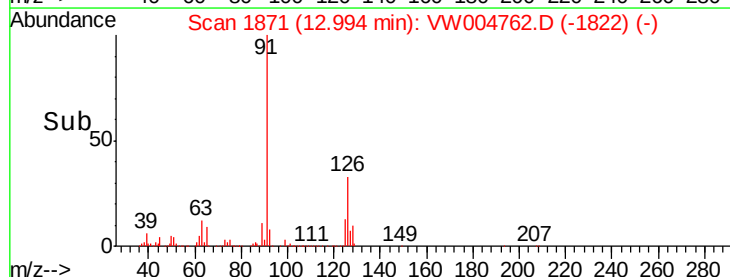
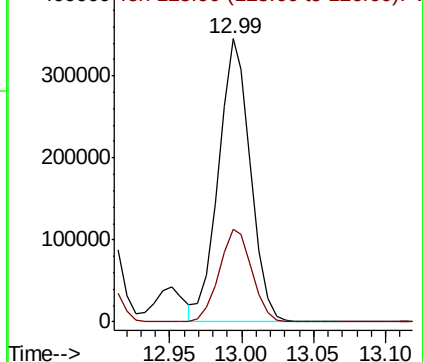
91 100

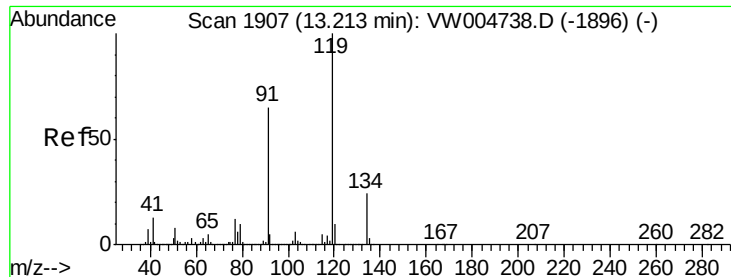
126 33.7 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

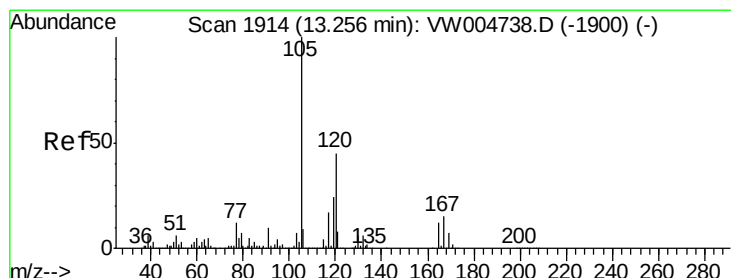
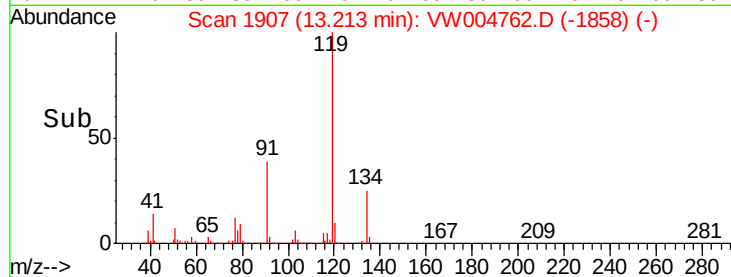
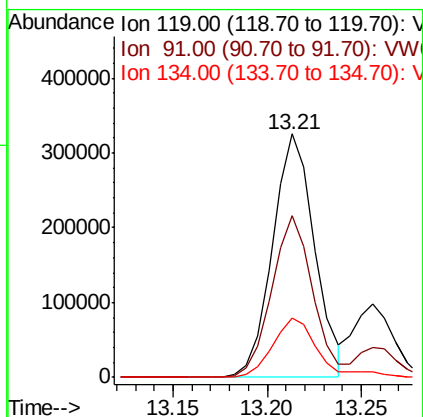
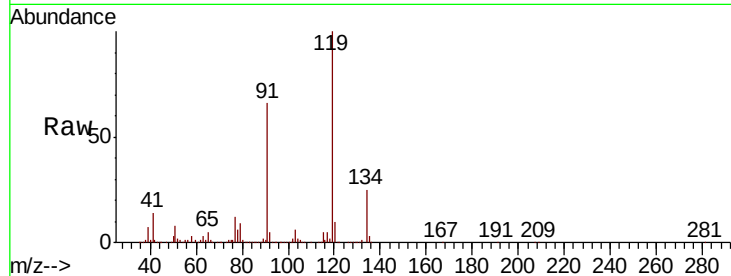




#83  
 tert-Butylbenzene  
 Concen: 20.881 ug/l  
 RT: 13.21 min Scan# 1907  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

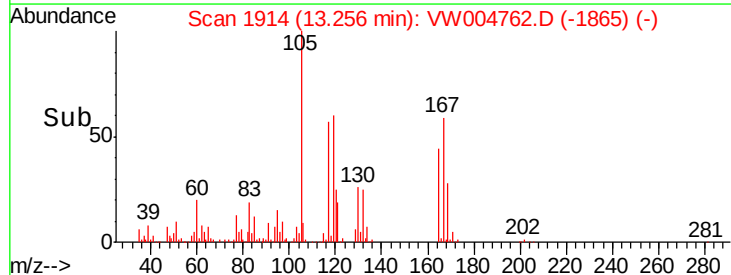
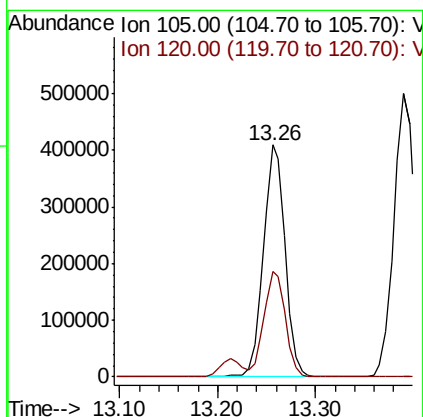
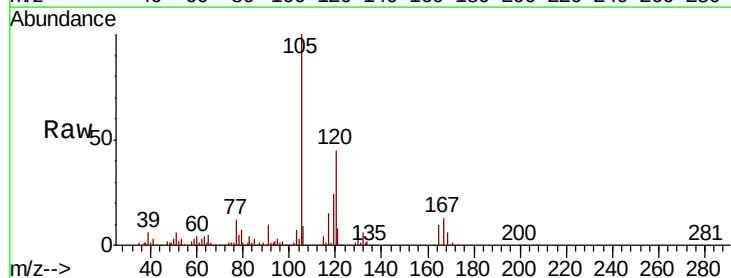
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0819SBS02

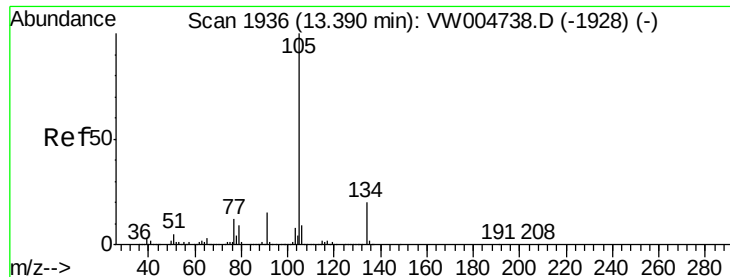
Tgt Ion:119 Resp: 502895  
 Ion Ratio Lower Upper  
 119 100  
 91 64.1 32.6 97.8  
 134 26.1 13.1 39.3



#84  
 1,2,4-Trimethylbenzene  
 Concen: 21.878 ug/l  
 RT: 13.26 min Scan# 1914  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

Tgt Ion:105 Resp: 633768  
 Ion Ratio Lower Upper  
 105 100  
 120 45.1 22.8 68.3

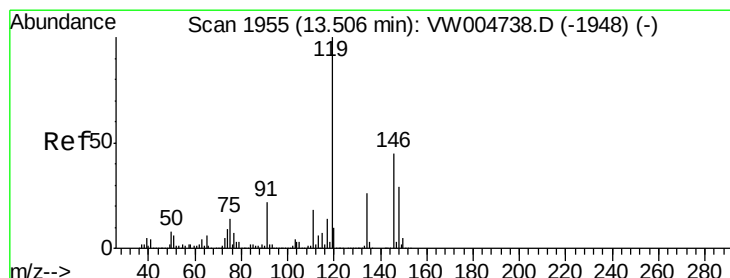
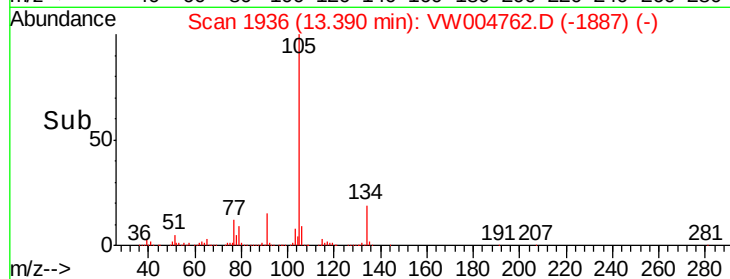
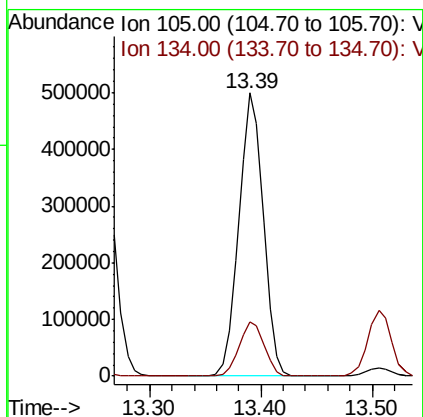
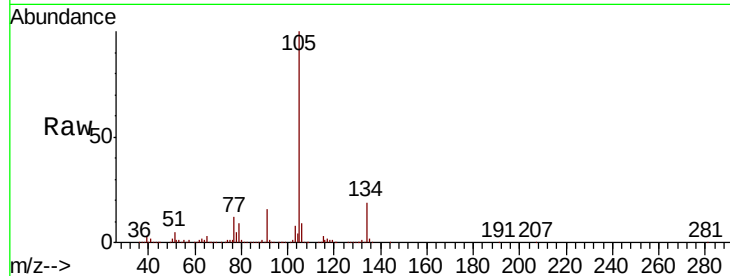




#85  
 sec-Butylbenzene  
 Concen: 21.075 ug/l  
 RT: 13.39 min Scan# 1936  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

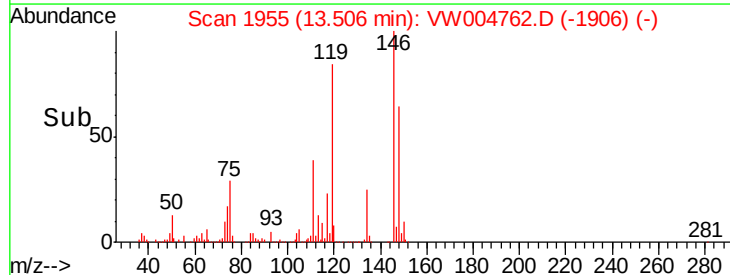
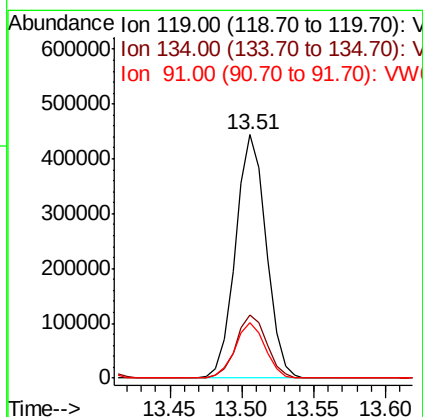
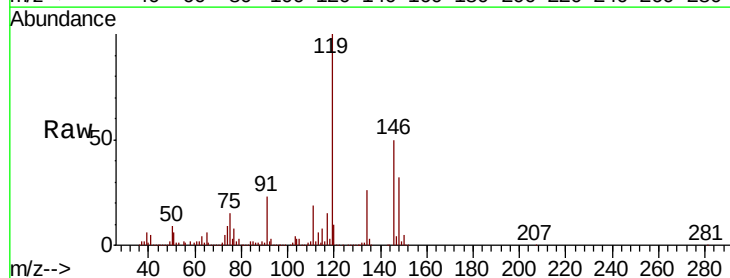
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0819SBSD02

Tgt Ion:105 Resp: 757800  
 Ion Ratio Lower Upper  
 105 100  
 134 19.6 10.0 29.8

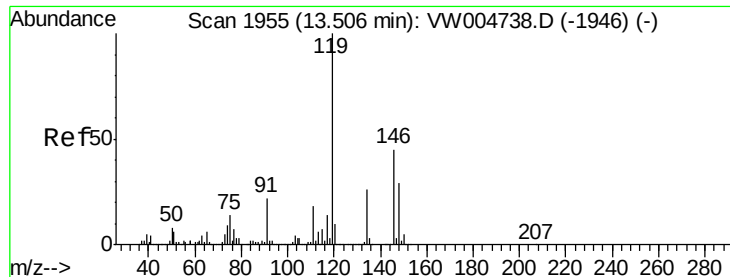


#86  
 p-Isopropyltoluene  
 Concen: 21.001 ug/l  
 RT: 13.51 min Scan# 1955  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

Tgt Ion:119 Resp: 657051  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 13.1 39.3  
 91 22.3 11.2 33.5







#87

1,3-Dichlorobenzene

Concen: 21.507 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

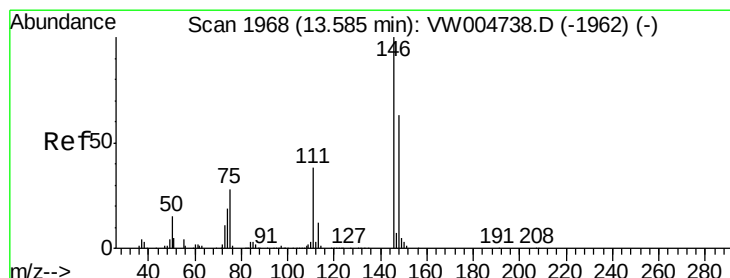
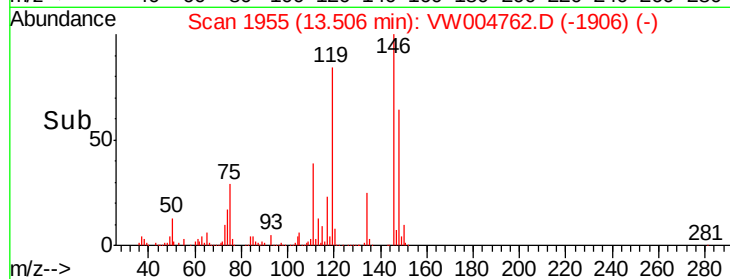
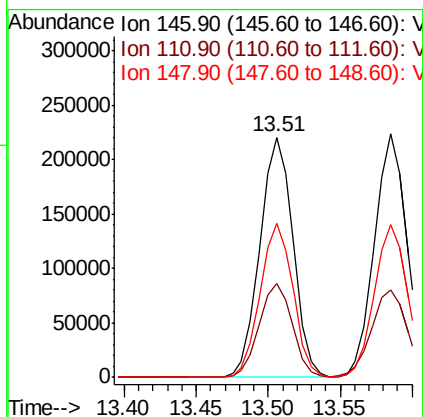
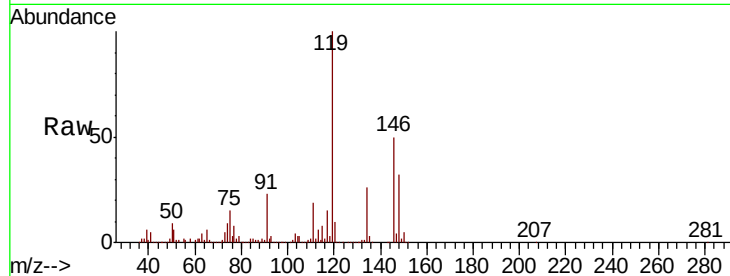
Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0819SBSD02

Tgt Ion:146 Resp: 350946

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 39.1  | 19.8  | 59.4  |
| 148 | 63.4  | 31.9  | 95.9  |



#88

1,4-Dichlorobenzene

Concen: 21.366 ug/l

RT: 13.59 min Scan# 1968

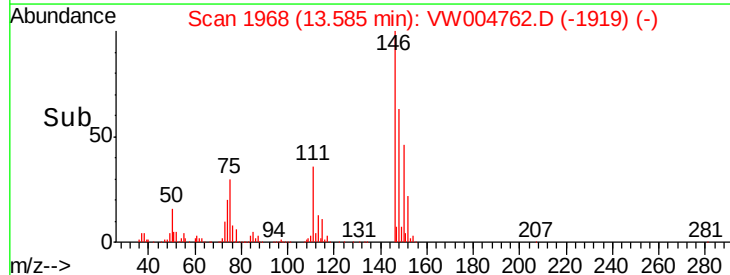
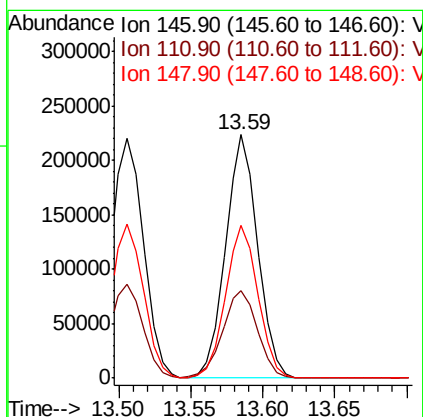
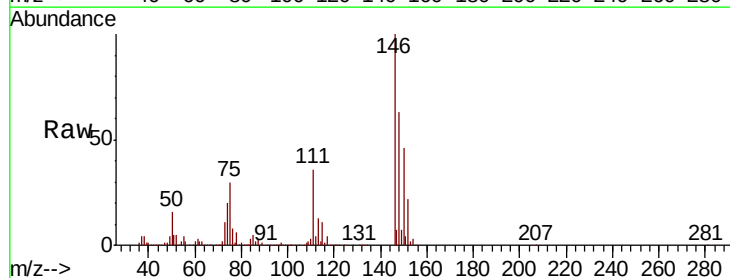
Delta R.T. 0.00 min

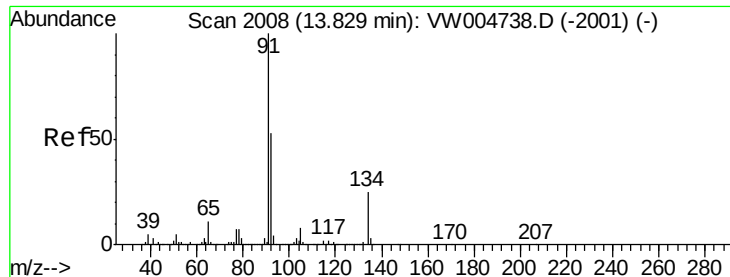
Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Tgt Ion:146 Resp: 348497

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 39.0  | 19.3  | 57.8  |
| 148 | 63.6  | 31.8  | 95.3  |





#89

n-Butylbenzene

Concen: 20.110 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.01 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampleId :

VW0819SBSD02

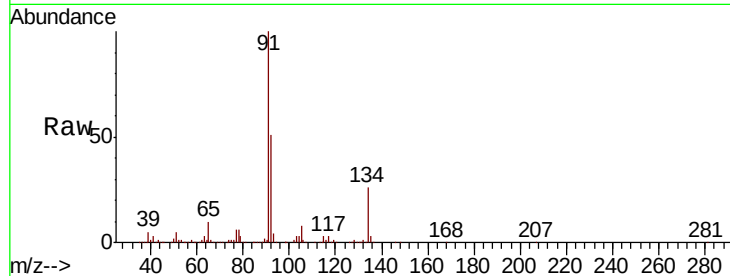
Tgt Ion: 91 Resp: 608297

Ion Ratio Lower Upper

91 100

92 52.0 26.4 79.2

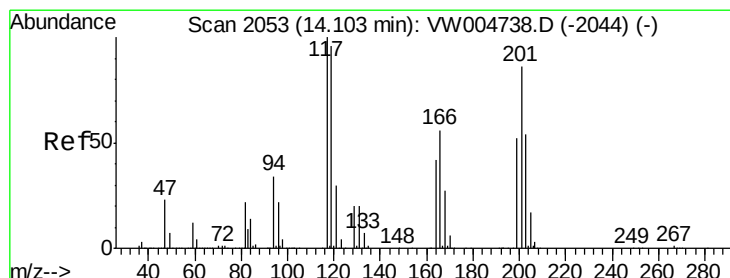
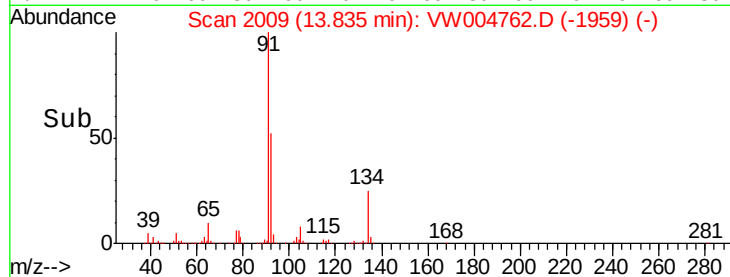
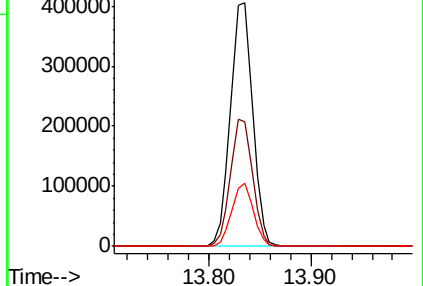
134 25.2 12.8 38.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.452 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW004762.D

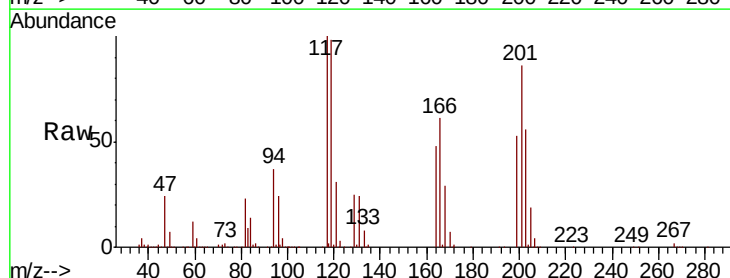
Acq: 18 Aug 2018 06:05

Tgt Ion: 117 Resp: 116634

Ion Ratio Lower Upper

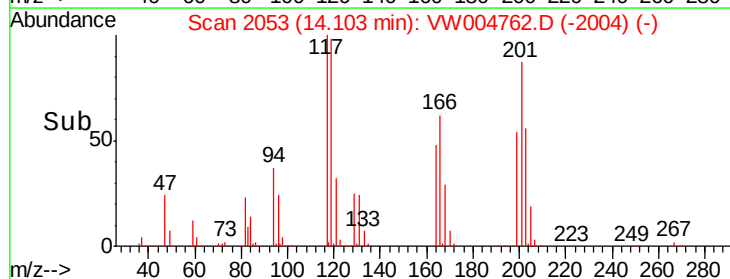
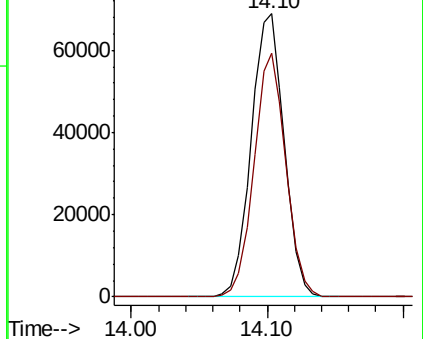
117 100

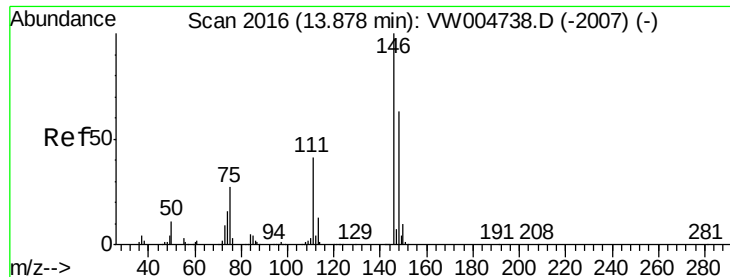
201 83.0 42.4 127.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 21.774 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampleId :

VW0819SBSD02

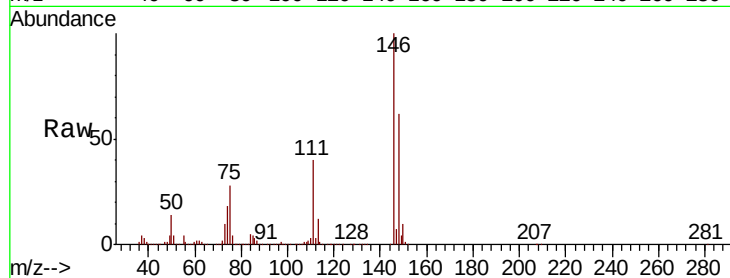
Tgt Ion:146 Resp: 319133

Ion Ratio Lower Upper

146 100

111 40.6 20.4 61.3

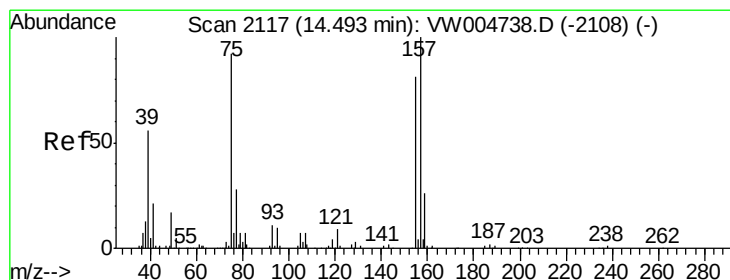
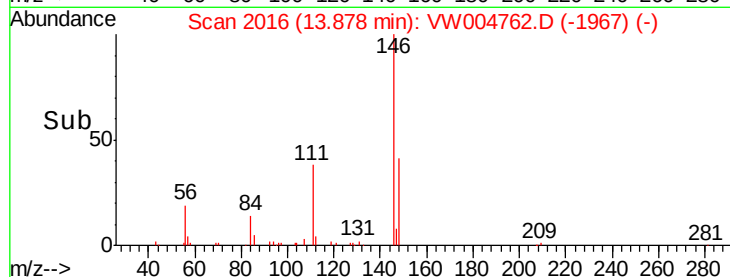
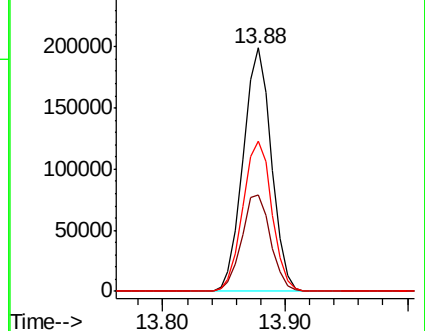
148 63.6 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.960 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

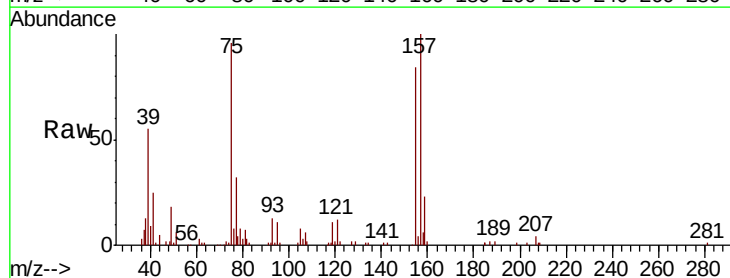
Tgt Ion: 75 Resp: 21071

Ion Ratio Lower Upper

75 100

155 84.2 43.3 129.9

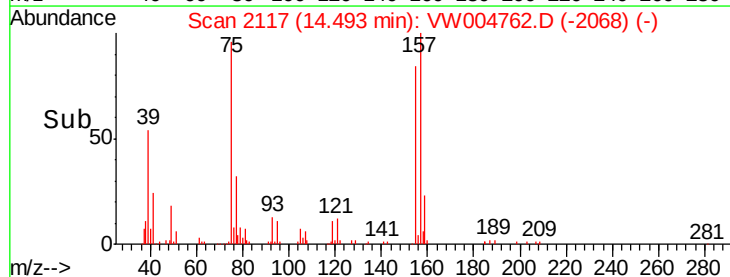
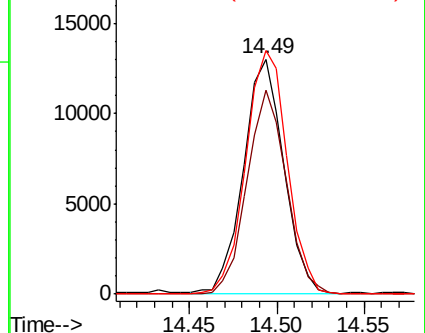
157 106.4 54.5 163.6

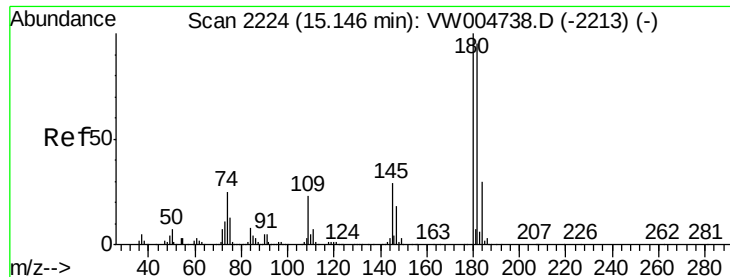


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

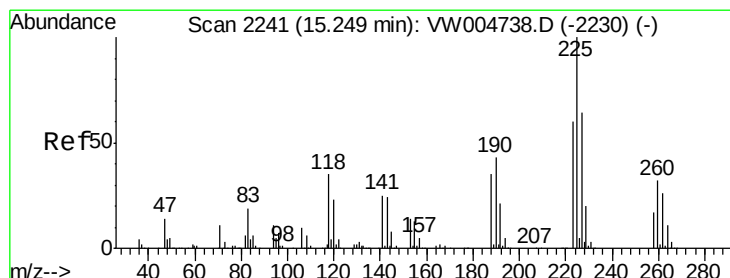
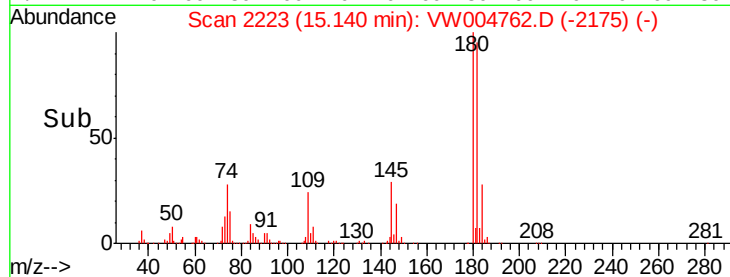
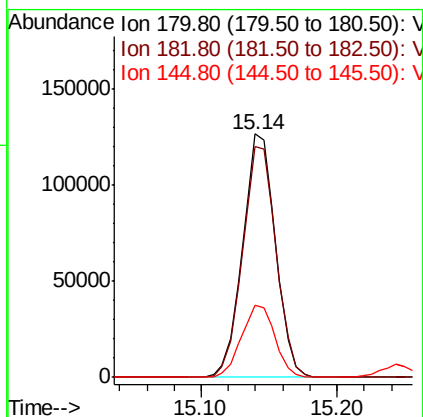
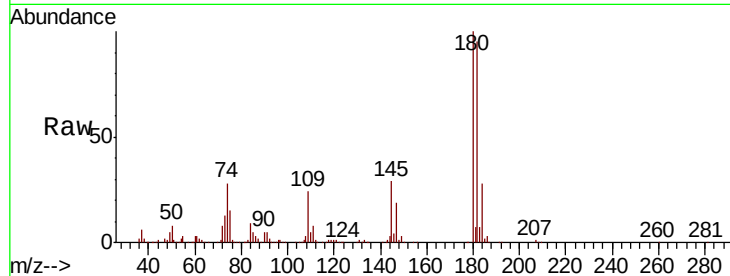




#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.627 ug/l  
 RT: 15.14 min Scan# 2223  
 Delta R.T. -0.01 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

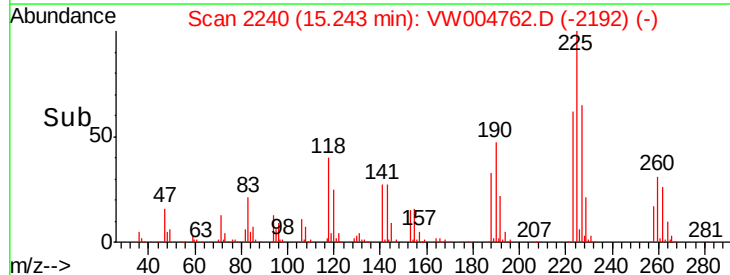
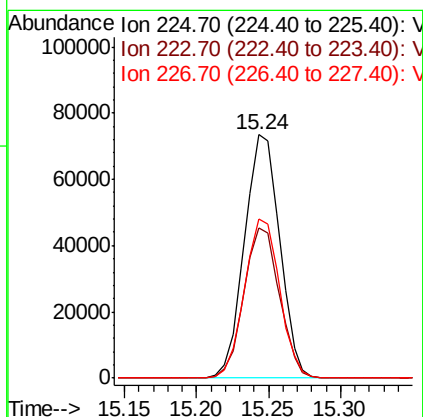
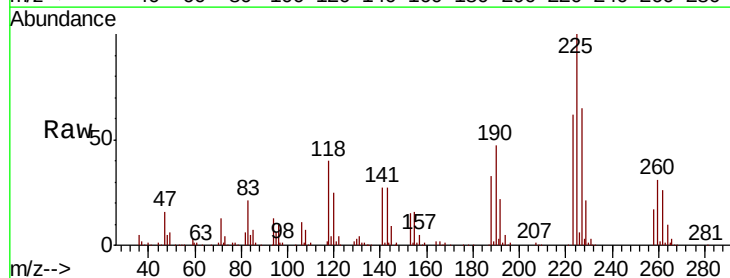
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0819SBSD02

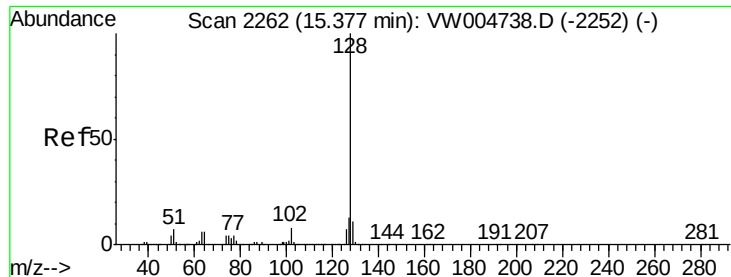
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.5  | 47.3  | 141.8 |
| 145     | 30.0  | 14.6  | 43.8  |



#94  
 Hexachlorobutadiene  
 Concen: 19.613 ug/l  
 RT: 15.24 min Scan# 2240  
 Delta R.T. -0.01 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.2  | 30.9  | 92.5  |
| 227     | 65.0  | 32.0  | 96.0  |

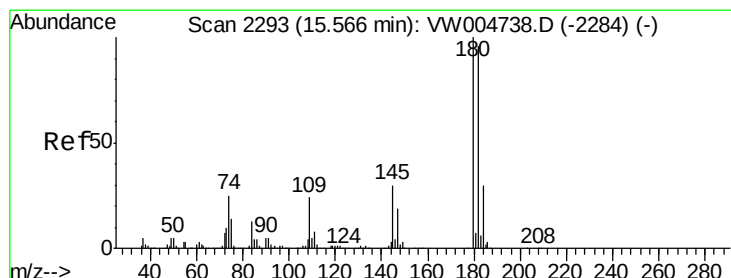
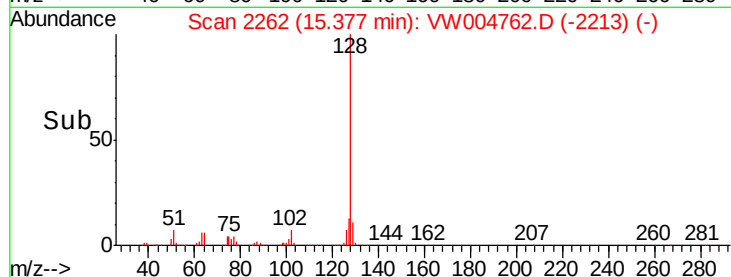
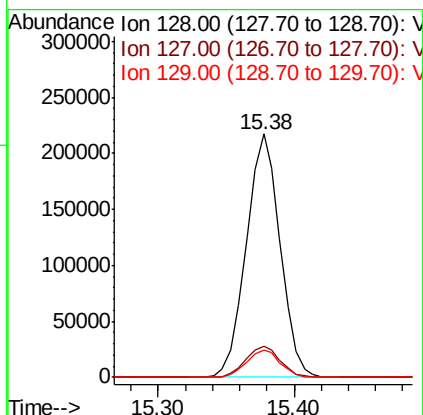
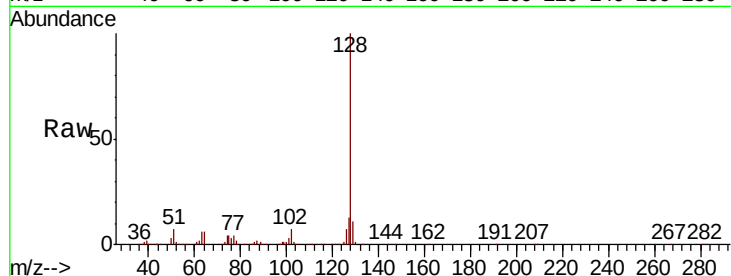




#95  
Naphthalene  
Concen: 21.027 ug/l  
RT: 15.38 min Scan# 2262  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0819SBSD02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.3  | 10.4  | 15.6  |
| 129     | 11.2  | 8.6   | 13.0  |



#96  
1,2,3-Trichlorobenzene  
Concen: 21.225 ug/l  
RT: 15.57 min Scan# 2293  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.3  | 47.3  | 142.0 |
| 145     | 31.1  | 15.4  | 46.1  |

