

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101918\  
 Data File : VW006242.D  
 Acq On : 19 Oct 2018 23:05  
 Operator : VA/AP  
 Sample : VSTDCCC050EC  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Oct 20 01:23:37 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W101518S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 18 17:01:24 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 286404   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.85  | 114  | 420806   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 388069   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 217815   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 8.31   | 65  | 119611   | 50.37 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 100.74% |      |
| 35) Dibromofluoromethane    | 7.89   | 113 | 123727   | 49.76 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 99.52%  |      |
| 50) Toluene-d8              | 10.33  | 98  | 452971   | 47.88 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 95.76%  |      |
| 62) 4-Bromofluorobenzene    | 12.62  | 95  | 179341   | 50.48 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 100.96% |      |

| Target Compounds              |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 2.01 | 85  | 72252   | 50.979  | ug/l | 97     |
| 3) Chloromethane              | 2.21 | 50  | 91398   | 50.098  | ug/l | 100    |
| 4) Vinyl Chloride             | 2.37 | 62  | 135557  | 52.030  | ug/l | 100    |
| 5) Bromomethane               | 2.79 | 94  | 108784  | 45.906  | ug/l | 98     |
| 6) Chloroethane               | 2.93 | 64  | 92964   | 49.790  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 3.26 | 101 | 109882  | 45.273  | ug/l | 98     |
| 8) Diethyl Ether              | 3.68 | 74  | 69029   | 53.515  | ug/l | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101 | 132361  | 52.038  | ug/l | 100    |
| 10) Methyl Iodide             | 4.26 | 142 | 232265  | 54.863  | ug/l | 100    |
| 11) Tert butyl alcohol        | 5.26 | 59  | 40592   | 254.189 | ug/l | 97     |
| 12) 1,1-Dichloroethene        | 4.03 | 96  | 126228  | 52.749  | ug/l | 95     |
| 13) Acrolein                  | 3.90 | 56  | 38730   | 250.642 | ug/l | 94     |
| 14) Allyl chloride            | 4.67 | 41  | 178904  | 52.286  | ug/l | 98     |
| 15) Acrylonitrile             | 5.38 | 53  | 131087  | 283.335 | ug/l | 99     |
| 16) Acetone                   | 4.15 | 43  | 111729  | 250.868 | ug/l | 99     |
| 17) Carbon Disulfide          | 4.38 | 76  | 346329  | 47.953  | ug/l | 100    |
| 18) Methyl Acetate            | 4.68 | 43  | 66011   | 55.243  | ug/l | 97     |
| 19) Methyl tert-butyl Ether   | 5.43 | 73  | 203320  | 55.784  | ug/l | 97     |
| 20) Methylene Chloride        | 4.92 | 84  | 139891  | 55.871  | ug/l | 96     |
| 21) trans-1,2-Dichloroethene  | 5.42 | 96  | 145429  | 54.446  | ug/l | 96     |
| 22) Diisopropyl ether         | 6.32 | 45  | 371073  | 54.879  | ug/l | 99     |
| 23) Vinyl Acetate             | 6.26 | 43  | 1084419 | 271.758 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 6.21 | 63  | 241281  | 55.302  | ug/l | 99     |
| 25) 2-Butanone                | 7.19 | 43  | 169650  | 264.477 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 7.17 | 77  | 141078  | 45.846  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96  | 164366  | 55.763  | ug/l | 98     |
| 28) Bromochloromethane        | 7.52 | 49  | 94322   | 55.998  | ug/l | 95     |
| 29) Tetrahydrofuran           | 7.54 | 42  | 108324  | 274.734 | ug/l | 97     |
| 30) Chloroform                | 7.68 | 83  | 264807  | 55.708  | ug/l | 98     |
| 31) Cyclohexane               | 7.96 | 56  | 205850  | 47.377  | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97  | 222299  | 51.843  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 8.09 | 75  | 199444  | 51.421  | ug/l | 99     |
| 37) Ethyl Acetate             | 7.26 | 43  | 77483   | 53.768  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 208519  | 49.041  | ug/l | 99     |

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 Sample : VSTDCCC050EC  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Oct 20 01:23:37 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W101518S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 18 17:01:24 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 257493   | 49.942   | ug/l   | 98       |
| 40) Benzene                    | 8.32  | 78   | 569495   | 53.527   | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.49  | 41   | 46359    | 53.364   | ug/l   | 95       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 172479   | 55.178   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.43  | 43   | 155608   | 52.812   | ug/l   | 99       |
| 44) Trichloroethene            | 9.09  | 130  | 174463   | 53.448   | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 135785   | 53.334   | ug/l   | 99       |
| 46) Dibromomethane             | 9.46  | 93   | 79464    | 54.763   | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.65  | 83   | 184754   | 52.516   | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.44  | 41   | 76317    | 54.642   | ug/l   | 96       |
| 49) 1,4-Dioxane                | 9.50  | 88   | 26261    | 1175.584 | ug/l # | 97       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 397157   | 269.023  | ug/l   | 97       |
| 52) Toluene                    | 10.39 | 92   | 376721   | 52.814   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 182711   | 52.127   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 10.08 | 75   | 210184   | 52.248   | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 112767   | 55.533   | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 139671   | 56.107   | ug/l   | 95       |
| 57) 1,3-Dichloropropane        | 10.94 | 76   | 184716   | 54.951   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 239592   | 251.881  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.98 | 43   | 271994   | 258.100  | ug/l   | 97       |
| 60) Dibromochloromethane       | 11.13 | 129  | 134448   | 53.156   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 114097   | 56.234   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.87 | 164  | 158123   | 52.487   | ug/l   | 99       |
| 65) Chlorobenzene              | 11.66 | 112  | 442926   | 53.317   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 156659   | 53.064   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.74 | 91   | 755712   | 52.491   | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.85 | 106  | 601115   | 105.636  | ug/l   | 99       |
| 69) o-Xylene                   | 12.17 | 106  | 288285   | 53.158   | ug/l   | 99       |
| 70) Styrene                    | 12.19 | 104  | 477382   | 54.132   | ug/l   | 99       |
| 71) Bromoform                  | 12.35 | 173  | 83830    | 50.908   | ug/l   | 99       |
| 73) Isopropylbenzene           | 12.47 | 105  | 800146   | 51.998   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.28 | 43   | 156530   | 52.373   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.72 | 83   | 130258   | 55.655   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 163666   | 98.376   | ug/l # | 100      |
| 77) Bromobenzene               | 12.75 | 156  | 204357   | 54.220   | ug/l   | 99       |
| 78) n-propylbenzene            | 12.81 | 91   | 927039   | 51.782   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 530261   | 52.716   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.95 | 105  | 677806   | 52.250   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75   | 33522    | 48.165   | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 561575   | 53.296   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.21 | 119  | 603131   | 51.965   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 694653   | 52.918   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.39 | 105  | 847020   | 51.658   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.51 | 119  | 773666   | 52.166   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.51 | 146  | 401101   | 53.473   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 394968   | 52.885   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.83 | 91   | 702934   | 51.826   | ug/l   | 100      |
| 90) Hexachloroethane           | 14.10 | 117  | 122486   | 48.758   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.88 | 146  | 359693   | 53.759   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 21374    | 51.008   | ug/l   | 92       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101918\  
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Operator : VA/AP  
Sample : VSTDCCC050EC  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 23 Sample Multiplier: 1

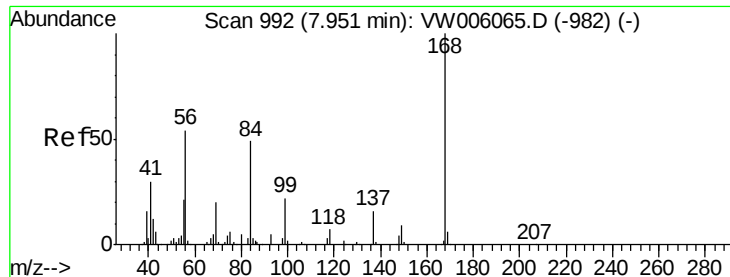
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Oct 20 01:23:37 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W101518S.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 18 17:01:24 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.14 | 180  | 276233   | 53.656 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 165954   | 51.314 | ug/l  | 99       |
| 95) Naphthalene            | 15.38 | 128  | 488092   | 56.993 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.57 | 180  | 244788   | 54.972 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006242.D

Acq: 19 Oct 2018 23:05

Instrument :

MSVOA\_W

ClientSampleId :

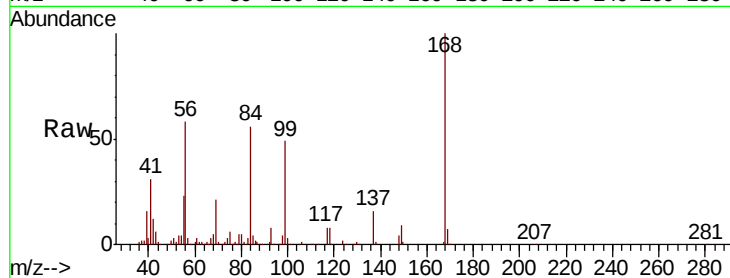
VSTDCCC050EC

Tot Ion:168 Resp: 286404

Ion Ratio Lower Upper

168 100

99 49.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

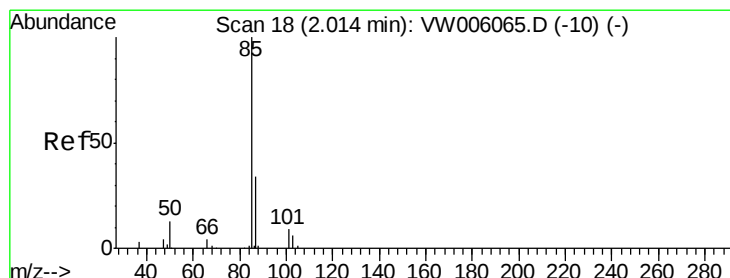
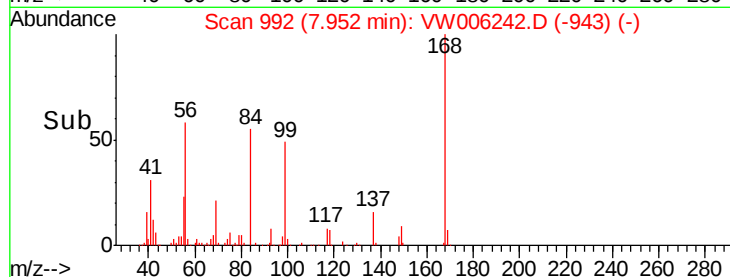
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.979 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW006242.D

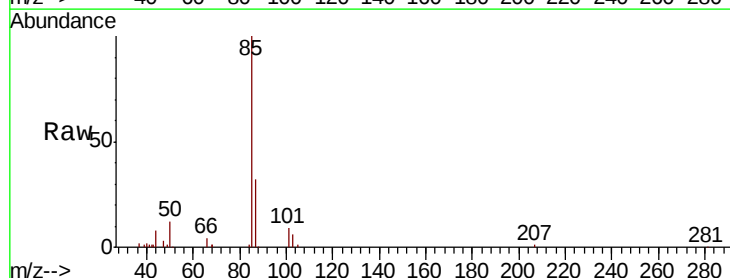
Acq: 19 Oct 2018 23:05

Tgt Ion: 85 Resp: 72252

Ion Ratio Lower Upper

85 100

87 32.3 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

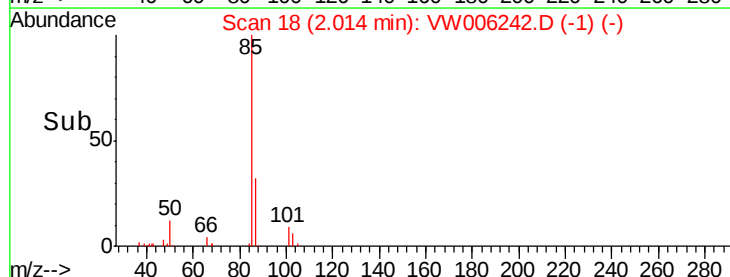
15000

10000

5000

0

Time-->





#3

Chloromethane

Concen: 50.098 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006242.D

Acq: 19 Oct 2018 23:05

Instrument :

MSVOA\_W

ClientSampleId :

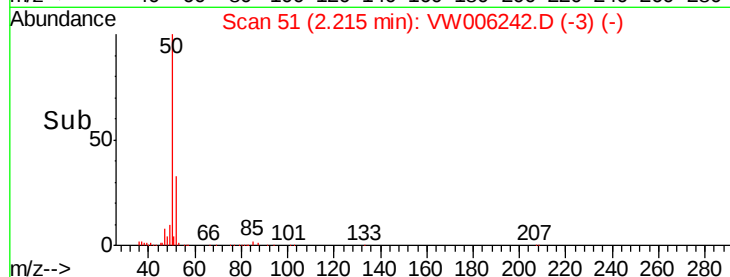
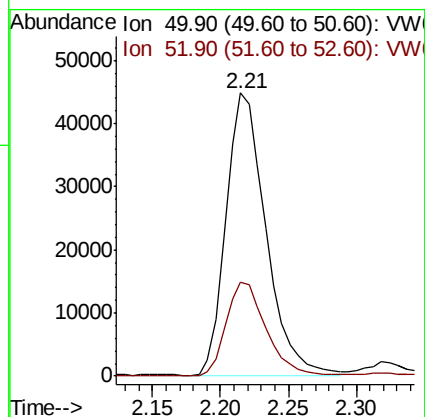
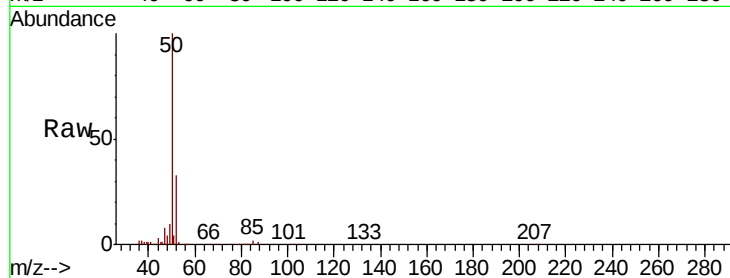
VSTDCCC050EC

Tot Ion: 50 Resp: 91398

Ion Ratio Lower Upper

50 100

52 33.5 26.8 40.2



#4

Vinyl Chloride

Concen: 52.030 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.00 min

Lab File: VW006242.D

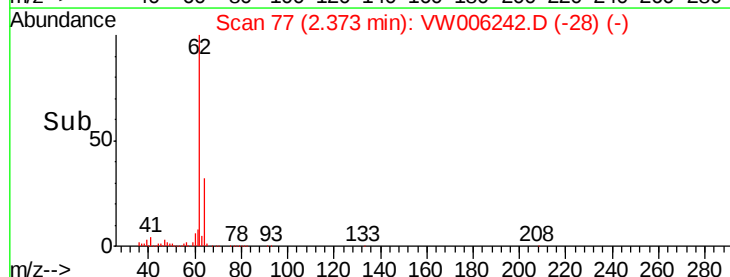
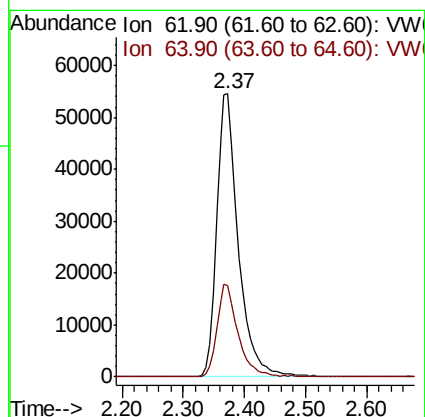
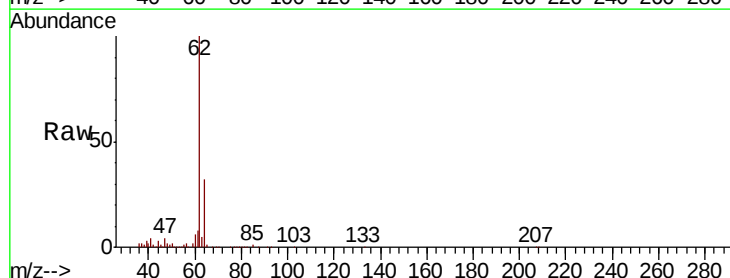
Acq: 19 Oct 2018 23:05

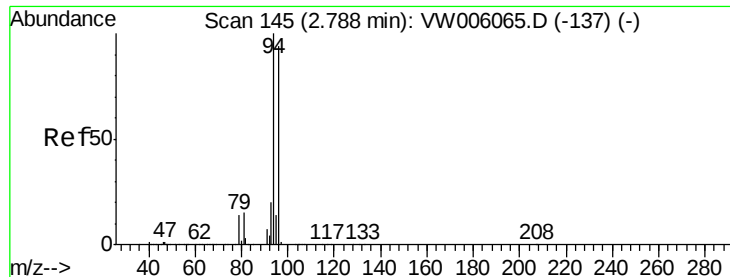
Tgt Ion: 62 Resp: 135557

Ion Ratio Lower Upper

62 100

64 32.2 25.9 38.9





#5

Bromomethane

Concen: 45.906 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW006242.D

Acq: 19 Oct 2018 23:05

Instrument :

MSVOA\_W

ClientSampleId :

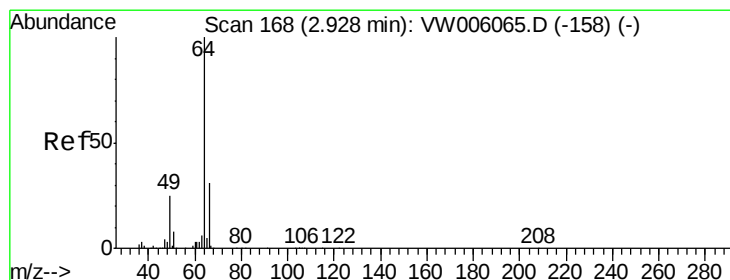
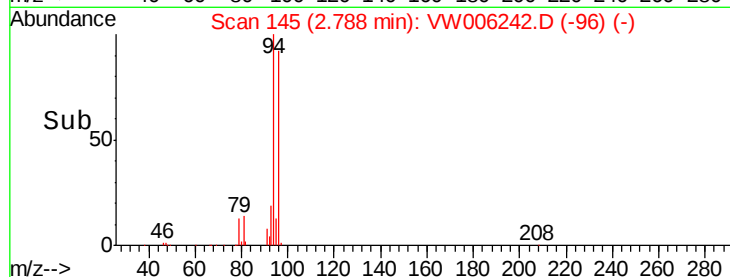
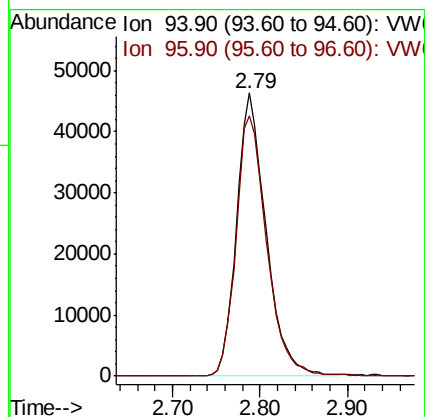
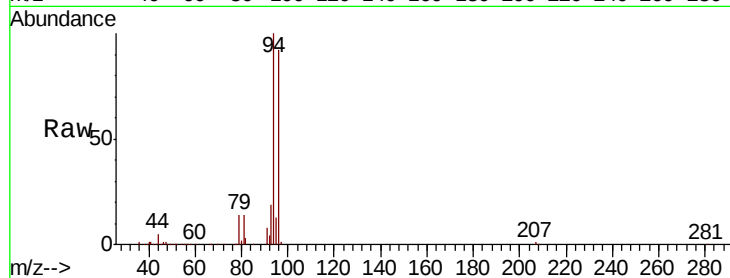
VSTDCCC050EC

Tot Ion: 94 Resp: 108784

Ion Ratio Lower Upper

94 100

96 92.1 74.9 112.3



#6

Chloroethane

Concen: 49.790 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006242.D

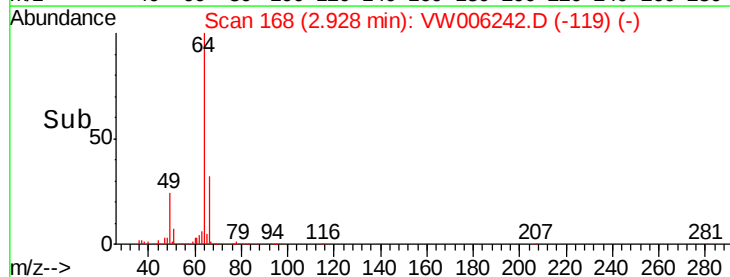
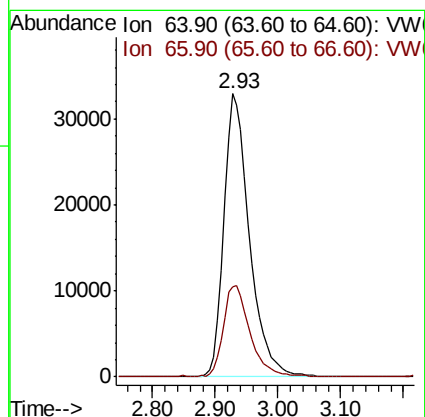
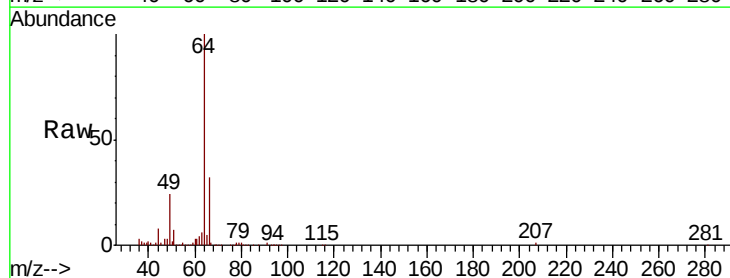
Acq: 19 Oct 2018 23:05

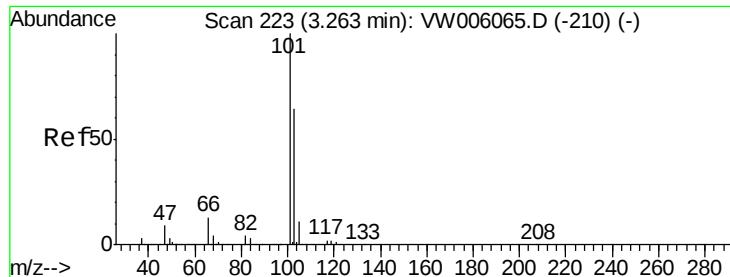
Tgt Ion: 64 Resp: 92964

Ion Ratio Lower Upper

64 100

66 31.9 24.9 37.3



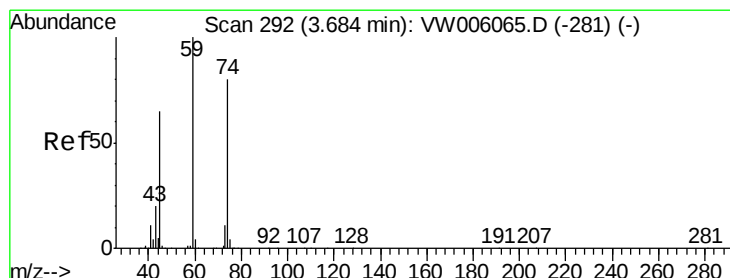
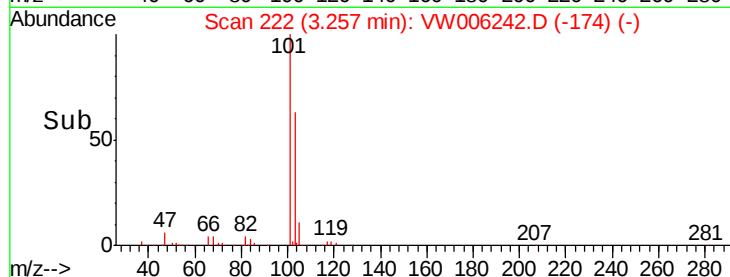
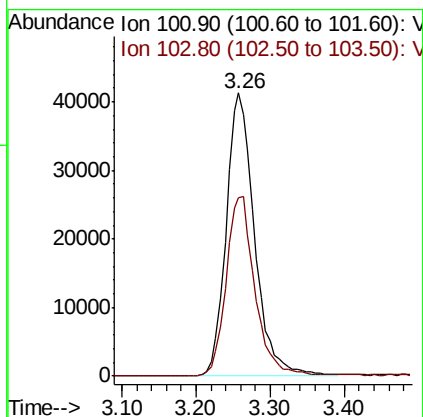
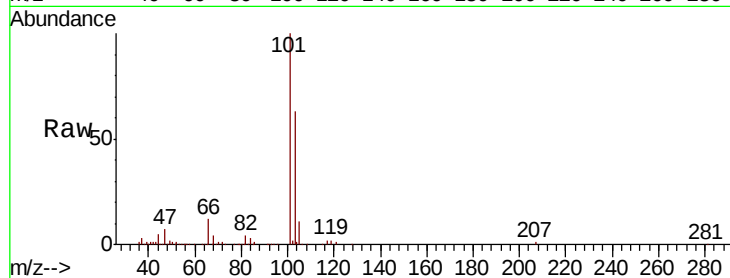


#7

Trichlorofluoromethane  
 Concen: 45.273 ug/l  
 RT: 3.26 min Scan# 222  
 Delta R.T. -0.01 min  
 Lab File: VW006242.D  
 Acq: 19 Oct 2018 23:05

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

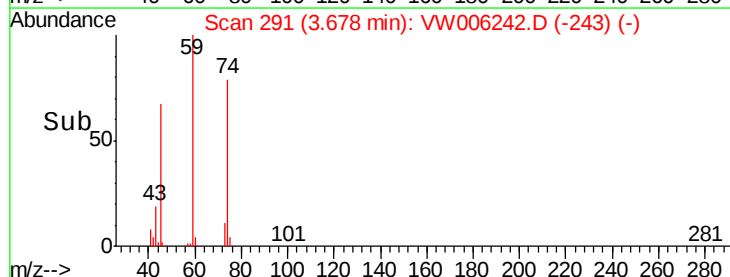
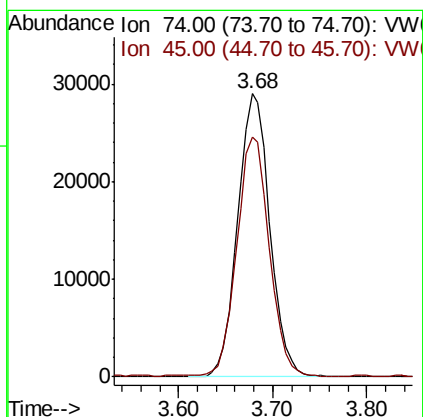
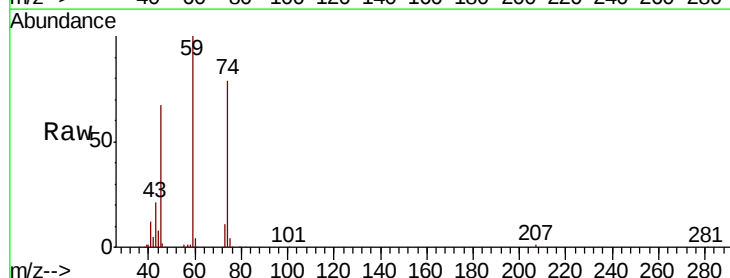
Tot Ion:101 Resp: 109882  
 Ion Ratio Lower Upper  
 101 100  
 103 62.7 51.2 76.8



#8

Diethyl Ether  
 Concen: 53.515 ug/l  
 RT: 3.68 min Scan# 291  
 Delta R.T. -0.01 min  
 Lab File: VW006242.D  
 Acq: 19 Oct 2018 23:05

Tgt Ion: 74 Resp: 69029  
 Ion Ratio Lower Upper  
 74 100  
 45 85.2 42.8 128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.038 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006242.D

Acq: 19 Oct 2018 23:05

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050EC

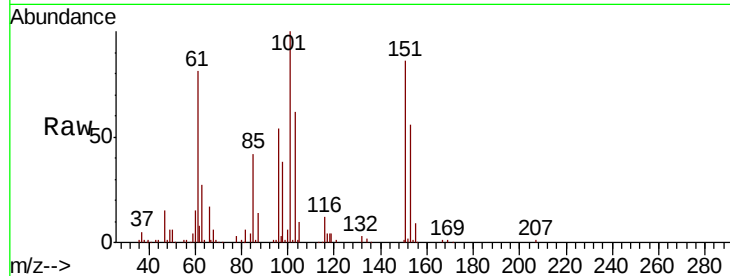
Tot Ion:101 Resp: 132361

Ion Ratio Lower Upper

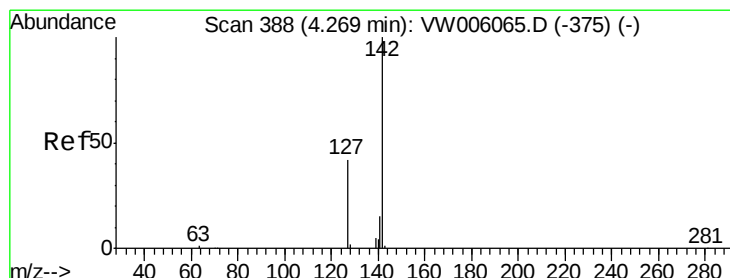
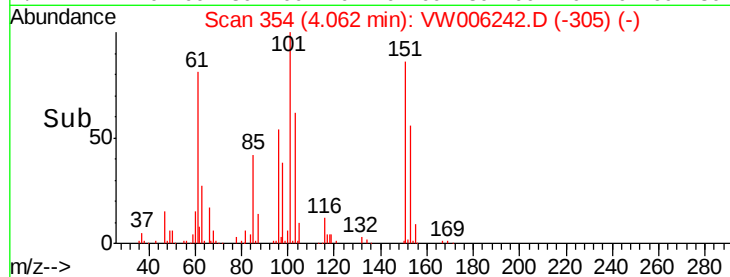
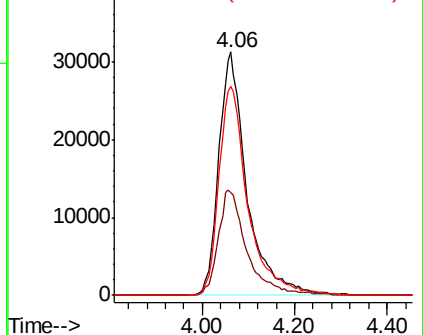
101 100

85 43.6 34.9 52.3

151 88.5 70.4 105.6



Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 84.90 (84.60 to 85.60): V  
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 54.863 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW006242.D

Acq: 19 Oct 2018 23:05

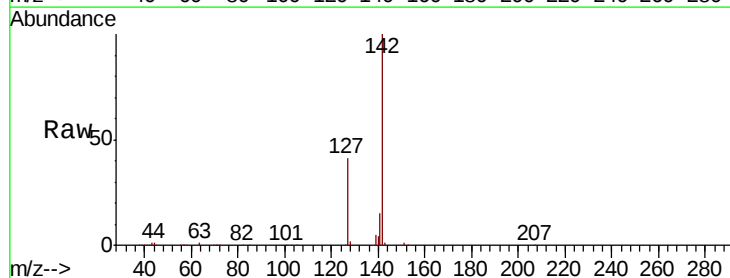
Tgt Ion:142 Resp: 232265

Ion Ratio Lower Upper

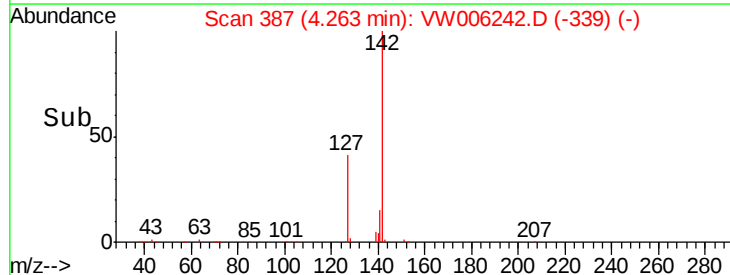
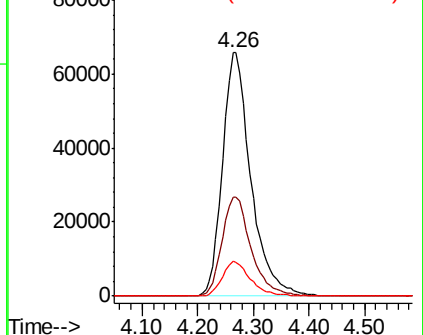
142 100

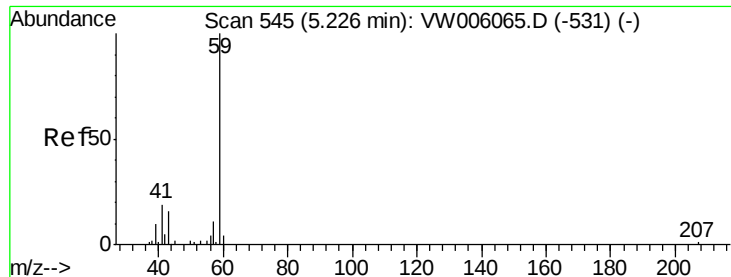
127 41.8 33.6 50.4

141 14.1 11.6 17.4



Abundance Ion 141.80 (141.50 to 142.50): V  
Ion 126.80 (126.50 to 127.50): V  
Ion 140.80 (140.50 to 141.50): V



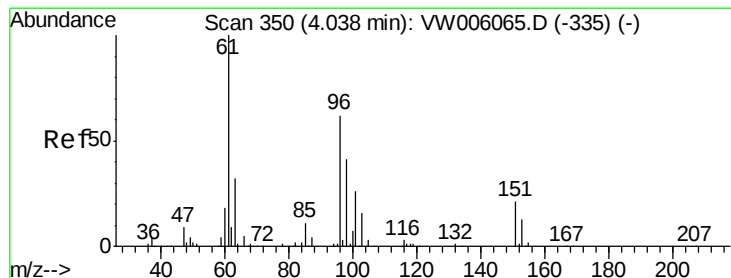
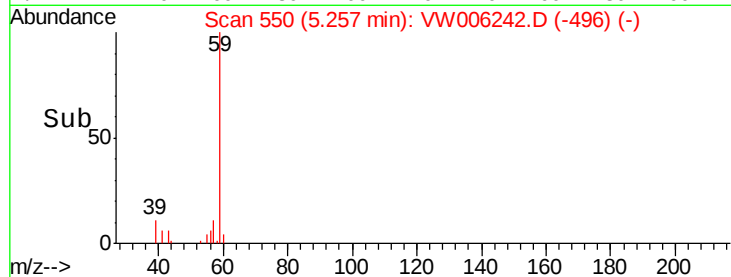
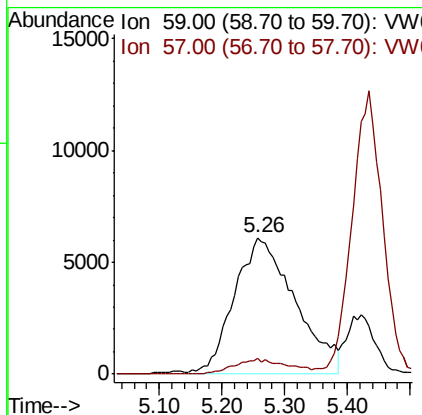
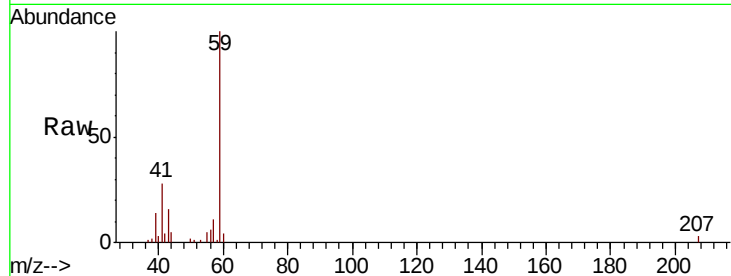


#11

Tert butyl alcohol  
 Concen: 254.189 ug/l  
 RT: 5.26 min Scan# 550  
 Delta R.T. 0.03 min  
 Lab File: VW006242.D  
 Acq: 19 Oct 2018 23:05

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

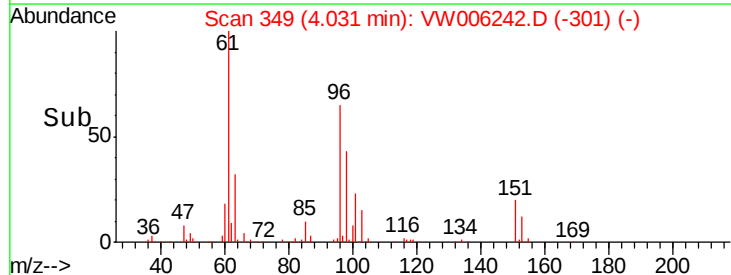
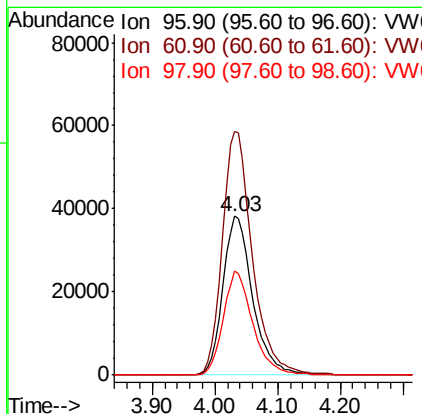
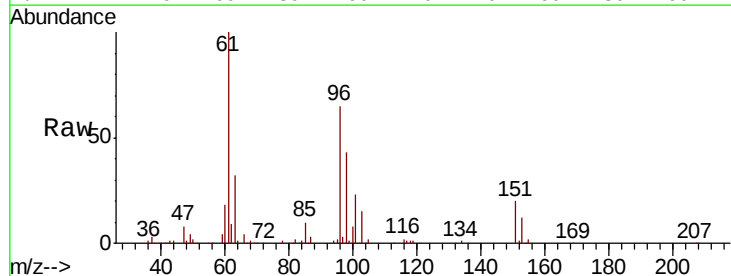
Tot Ion: 59 Resp: 40592  
 Ion Ratio Lower Upper  
 59 100  
 57 9.9 8.7 13.1

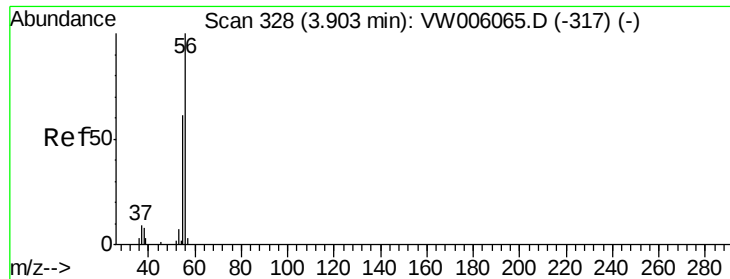


#12

1,1-Dichloroethene  
 Concen: 52.749 ug/l  
 RT: 4.03 min Scan# 349  
 Delta R.T. -0.01 min  
 Lab File: VW006242.D  
 Acq: 19 Oct 2018 23:05

Tgt Ion: 96 Resp: 126228  
 Ion Ratio Lower Upper  
 96 100  
 61 153.5 129.3 193.9  
 98 65.8 53.1 79.7





#13

Acrolein

Concen: 250.642 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW006242.D

Acq: 19 Oct 2018 23:05

Instrument :

MSVOA\_W

ClientSampleId :

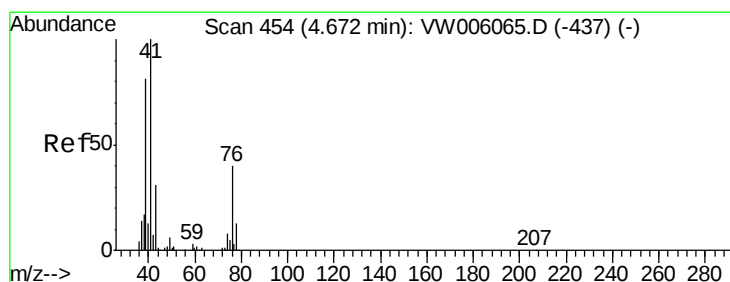
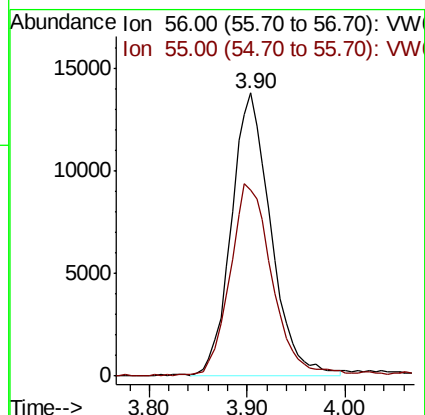
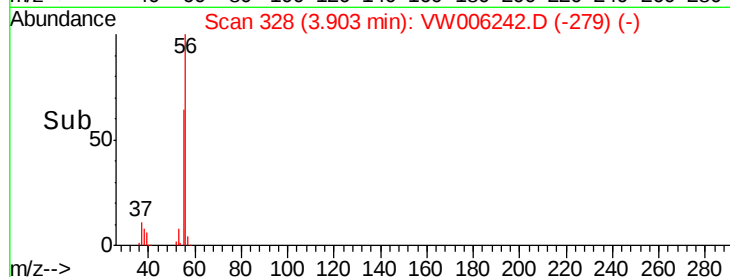
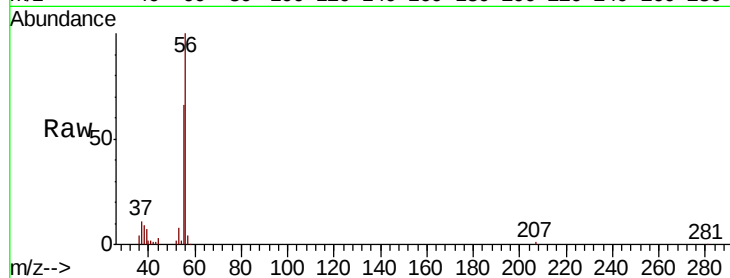
VSTDCCC050EC

Tot Ion: 56 Resp: 38730

Ion Ratio Lower Upper

56 100

55 73.0 54.5 81.7



#14

Allyl chloride

Concen: 52.286 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006242.D

Acq: 19 Oct 2018 23:05

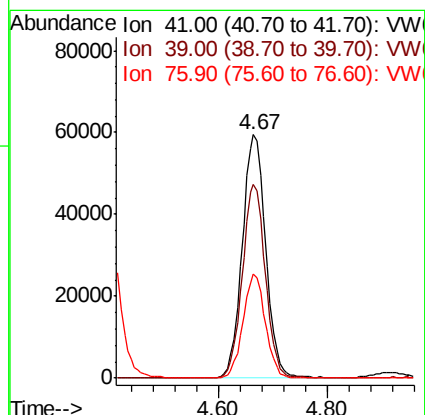
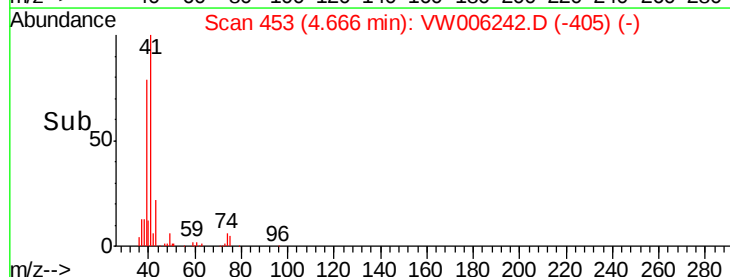
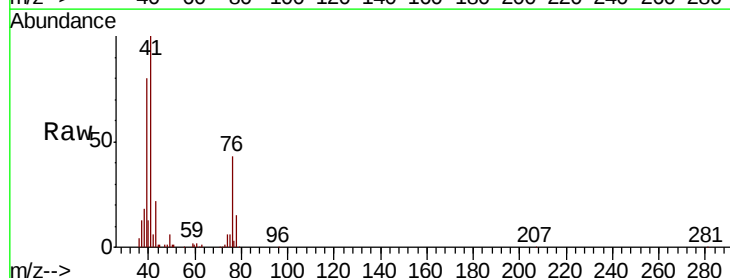
Tgt Ion: 41 Resp: 178904

Ion Ratio Lower Upper

41 100

39 77.5 64.1 96.1

76 40.6 32.2 48.4





#15

Acrylonitrile

Concen: 283.335 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW006242.D

Acq: 19 Oct 2018 23:05

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050EC

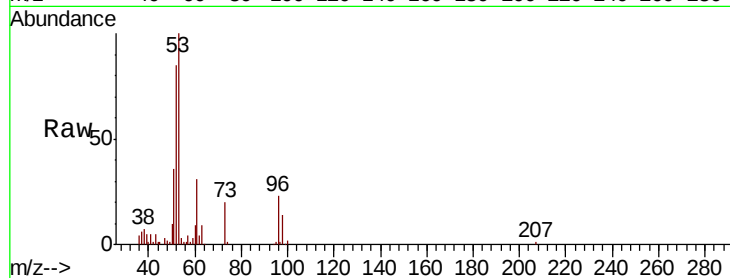
Tot Ion: 53 Resp: 131087

Ion Ratio Lower Upper

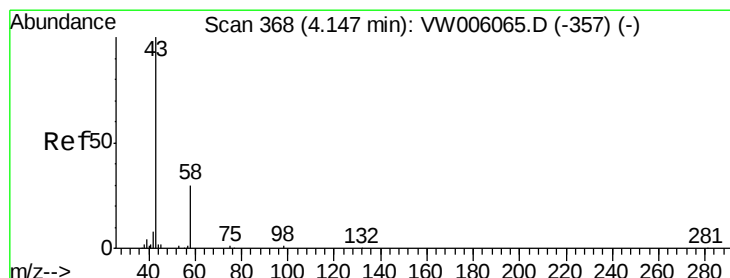
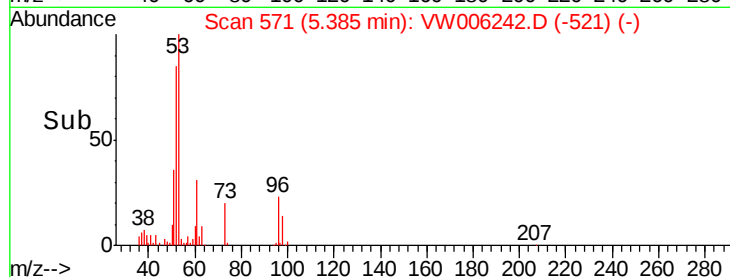
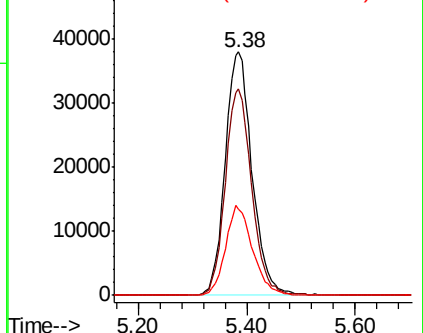
53 100

52 83.2 66.9 100.3

51 37.1 30.1 45.1



Abundance Ion 53.00 (52.70 to 53.70): VW  
Ion 52.00 (51.70 to 52.70): VW  
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 250.868 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006242.D

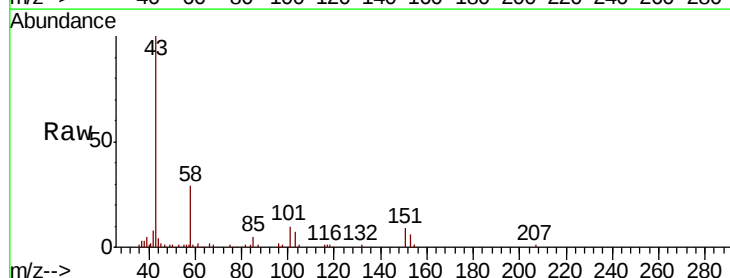
Acq: 19 Oct 2018 23:05

Tgt Ion: 43 Resp: 111729

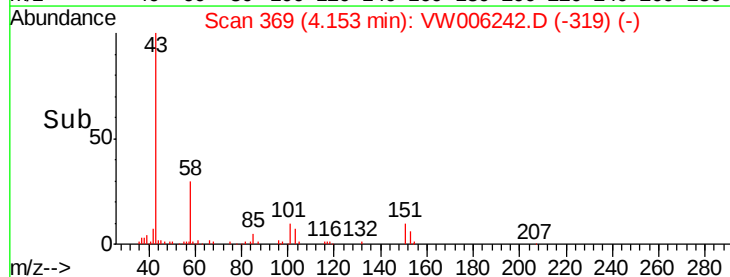
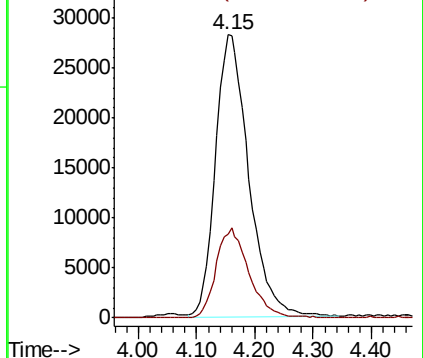
Ion Ratio Lower Upper

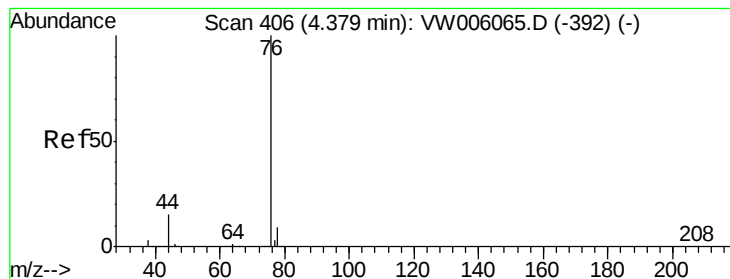
43 100

58 29.6 24.0 36.0



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





#17

Carbon Disulfide

Concen: 47.953 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW006242.D

Acq: 19 Oct 2018 23:05

Instrument :

MSVOA\_W

ClientSampleId :

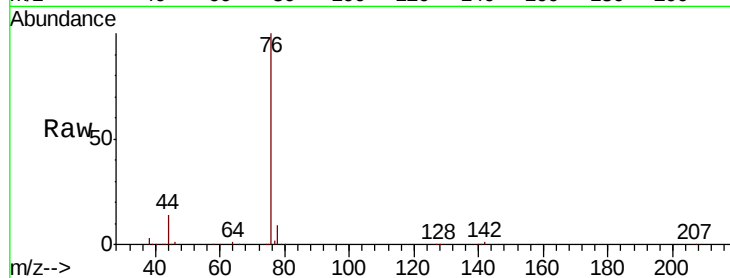
VSTDCCC050EC

Tot Ion: 76 Resp: 346329

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

120000

100000

80000

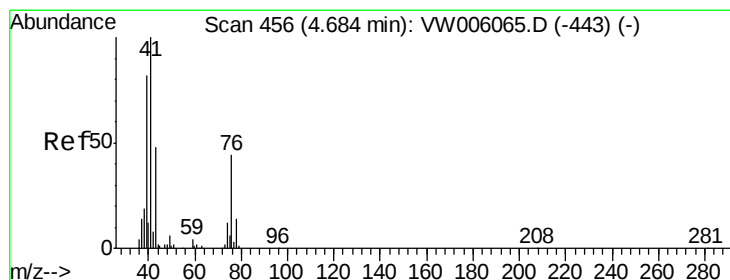
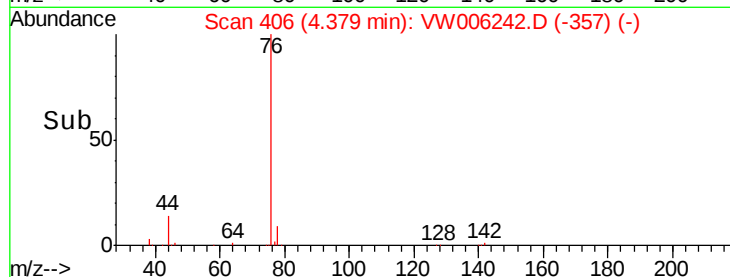
60000

40000

20000

0

Time--> 4.20 4.30 4.40 4.50 4.60



#18

Methyl Acetate

Concen: 55.243 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW006242.D

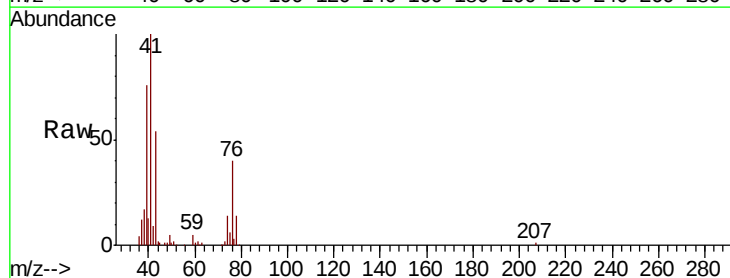
Acq: 19 Oct 2018 23:05

Tgt Ion: 43 Resp: 66011

Ion Ratio Lower Upper

43 100

74 26.9 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

25000

20000

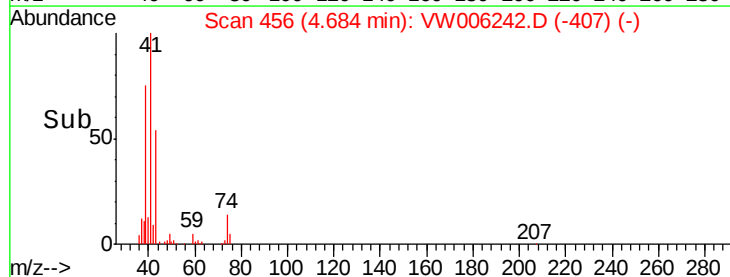
15000

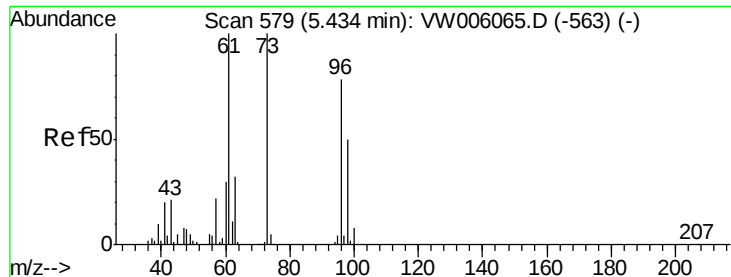
10000

5000

0

Time--> 4.60 4.70 4.80



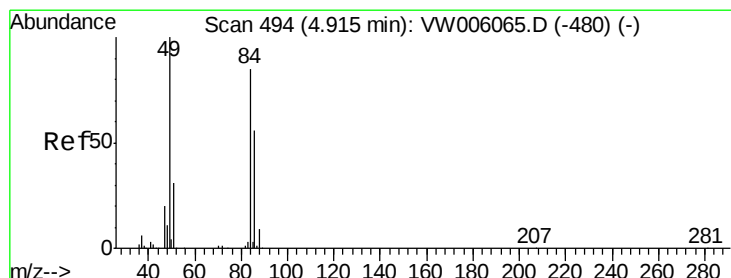
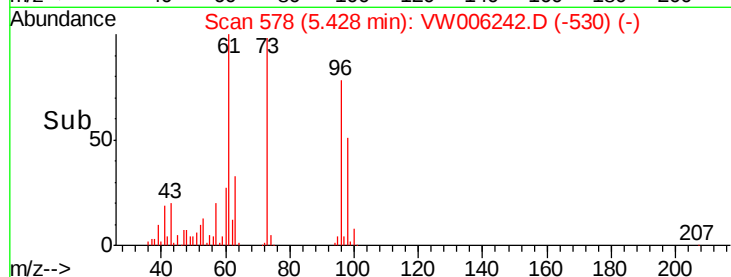
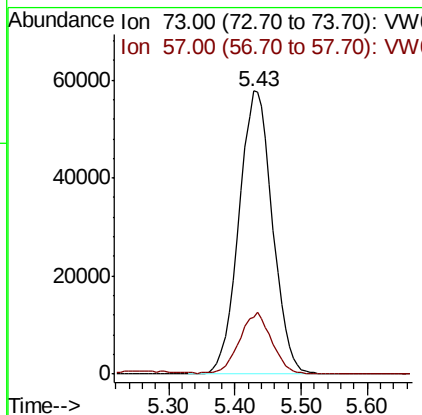
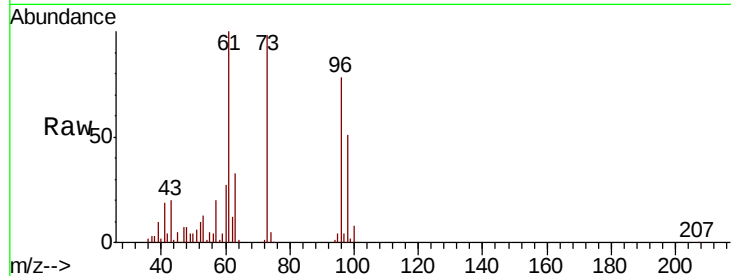


#19

Methyl tert-butyl Ether  
 Concen: 55.784 ug/l  
 RT: 5.43 min Scan# 578  
 Delta R.T. -0.01 min  
 Lab File: VW006242.D  
 Acq: 19 Oct 2018 23:05

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

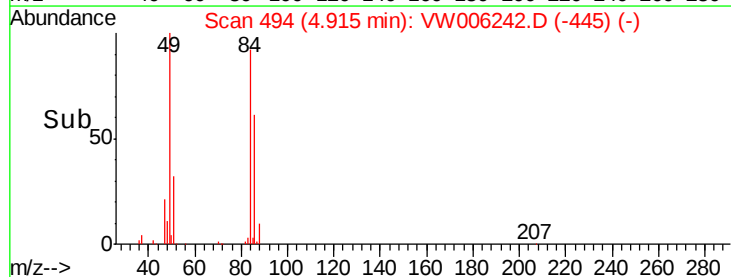
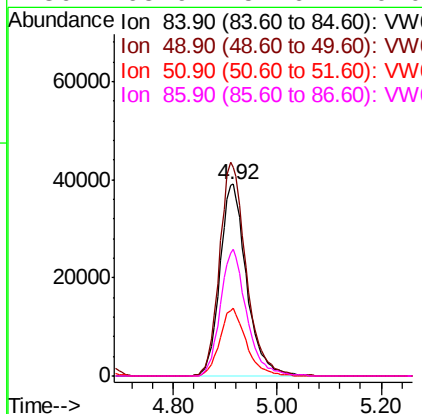
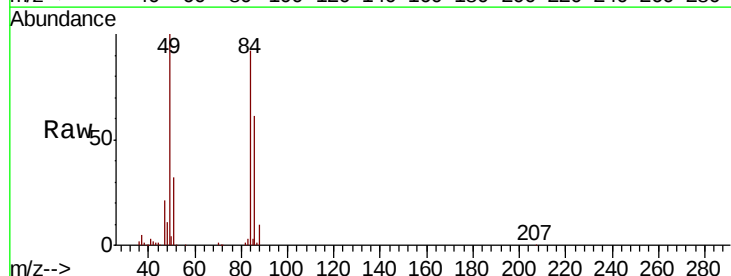
Tot Ion: 73 Resp: 203320  
 Ion Ratio Lower Upper  
 73 100  
 57 20.2 17.4 26.2

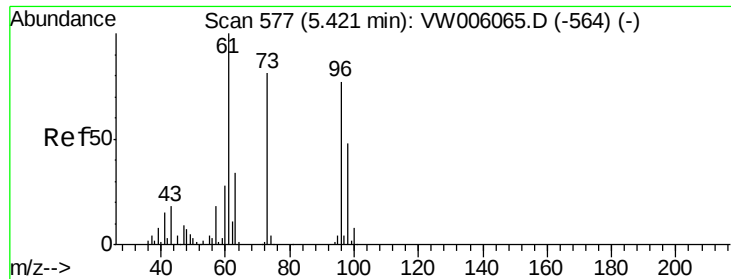


#20

Methylene Chloride  
 Concen: 55.871 ug/l  
 RT: 4.92 min Scan# 494  
 Delta R.T. 0.00 min  
 Lab File: VW006242.D  
 Acq: 19 Oct 2018 23:05

Tgt Ion: 84 Resp: 139891  
 Ion Ratio Lower Upper  
 84 100  
 49 108.6 93.6 140.4  
 51 35.1 29.0 43.4  
 86 65.9 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 54.446 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006242.D

Acq: 19 Oct 2018 23:05

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050EC

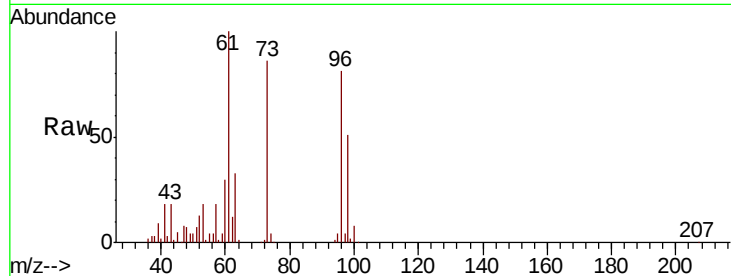
Tot Ion: 96 Resp: 145429

Ion Ratio Lower Upper

96 100

61 123.4 104.5 156.7

98 62.9 50.6 75.8

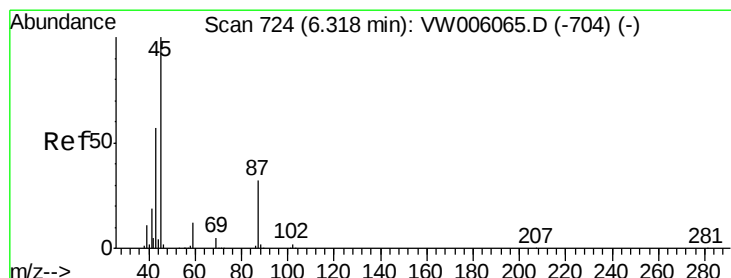
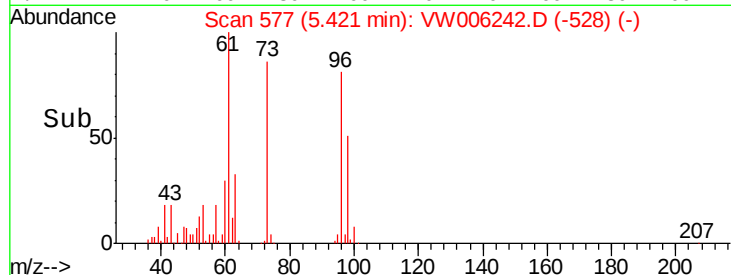
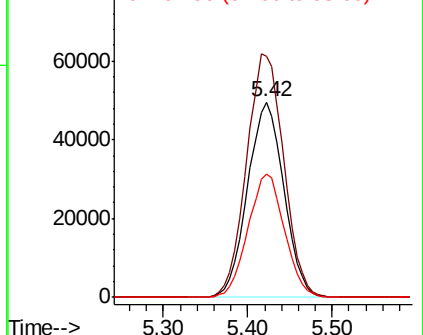


Abundance

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



#22

Diisopropyl ether

Concen: 54.879 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW006242.D

Acq: 19 Oct 2018 23:05

Tgt Ion: 45 Resp: 371073

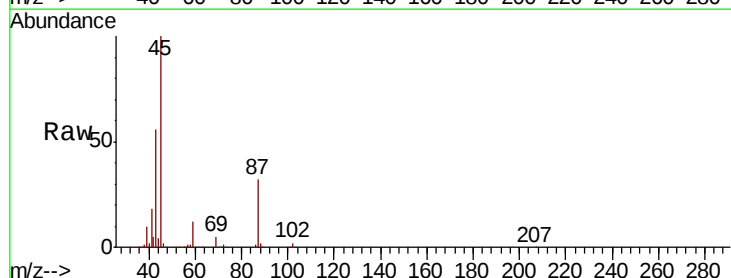
Ion Ratio Lower Upper

45 100

43 55.3 45.7 68.5

87 32.4 25.9 38.9

59 12.1 9.6 14.4



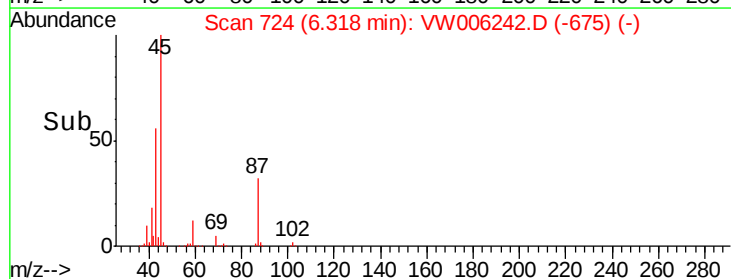
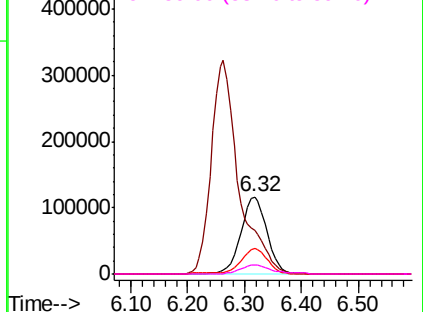
Abundance

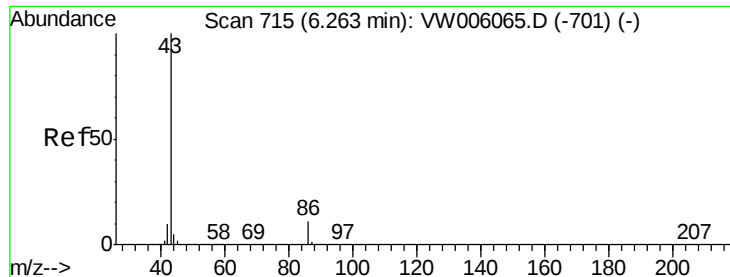
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 271.758 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006242.D

Acq: 19 Oct 2018 23:05

Instrument :

MSVOA\_W

ClientSampleId :

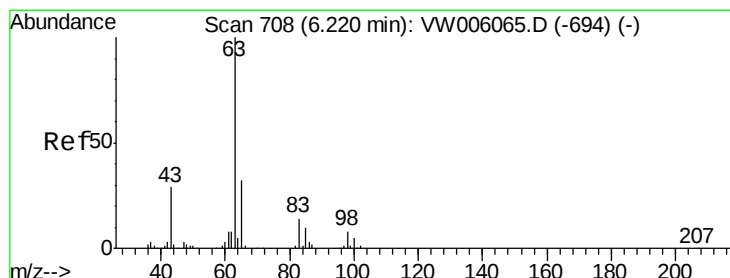
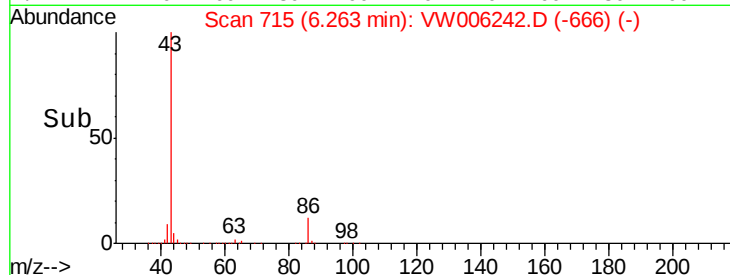
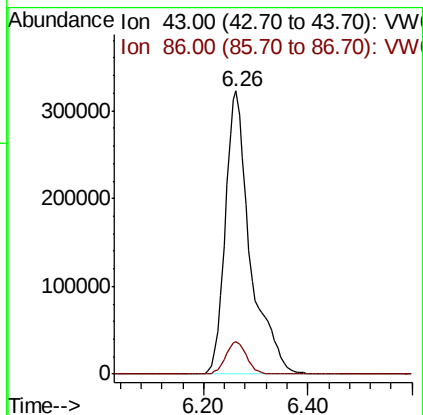
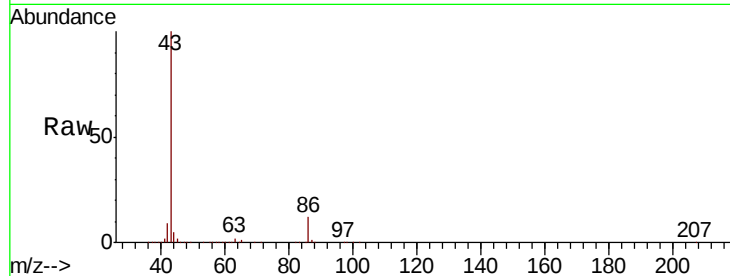
VSTDCCC050EC

Tot Ion: 43 Resp: 1084419

Ion Ratio Lower Upper

43 100

86 11.5 9.0 13.6



#24

1,1-Dichloroethane

Concen: 55.302 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006242.D

Acq: 19 Oct 2018 23:05

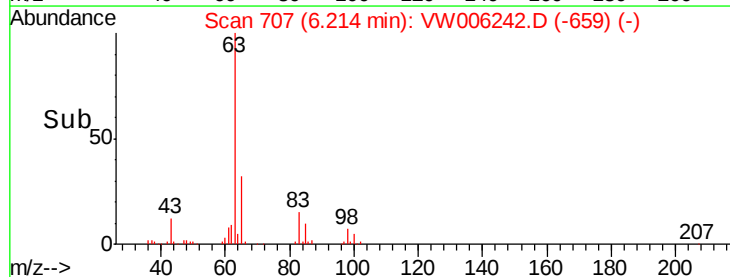
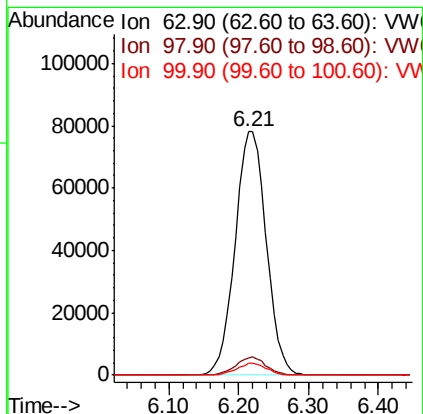
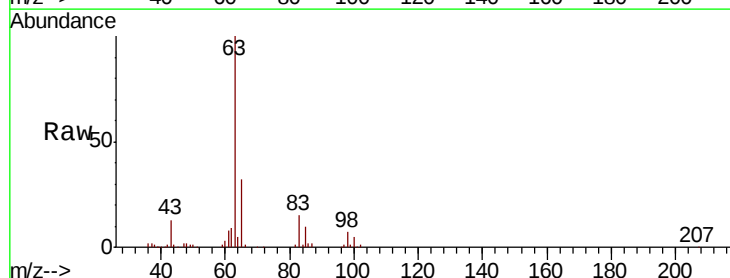
Tgt Ion: 63 Resp: 241281

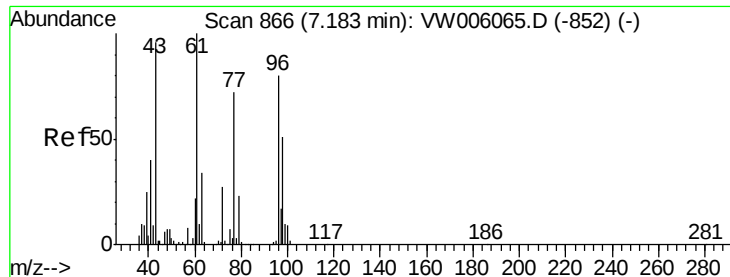
Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.2

100 4.7 2.5 7.5





#25

2-Butanone

Concen: 264.477 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW006242.D

Acq: 19 Oct 2018 23:05

Instrument :

MSVOA\_W

ClientSampleId :

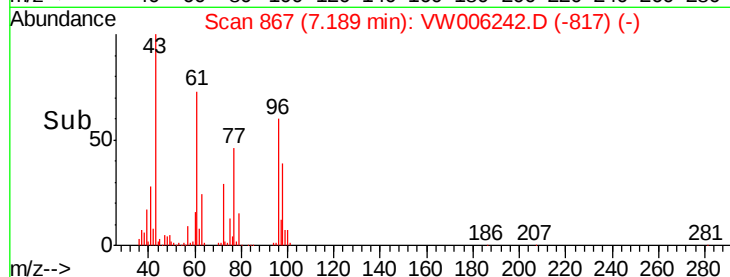
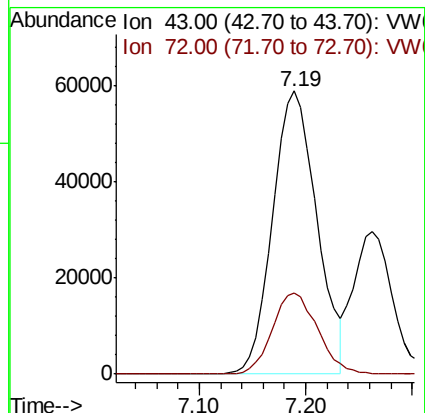
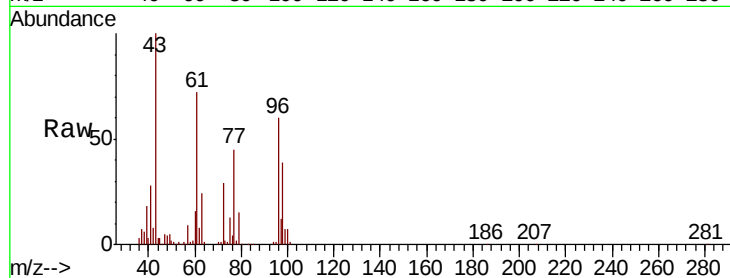
VSTDCCC050EC

Tot Ion: 43 Resp: 169650

Ion Ratio Lower Upper

43 100

72 28.8 22.8 34.2



#26

2,2-Dichloropropane

Concen: 45.846 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006242.D

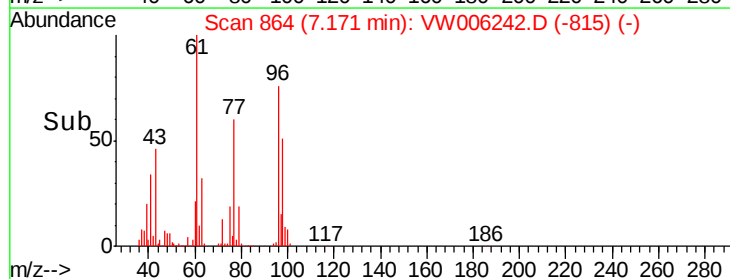
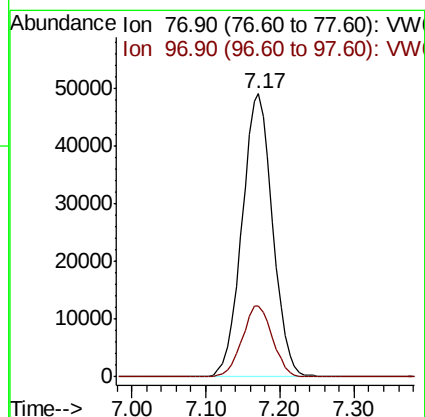
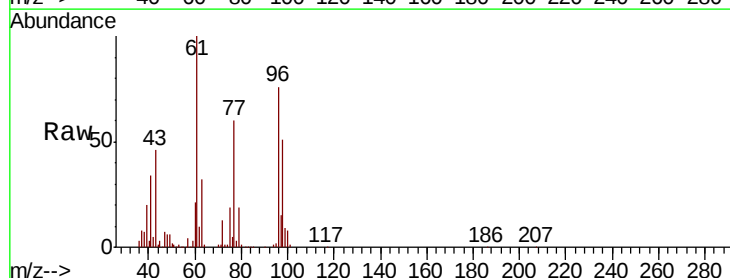
Acq: 19 Oct 2018 23:05

Tgt Ion: 77 Resp: 141078

Ion Ratio Lower Upper

77 100

97 24.9 12.2 36.4



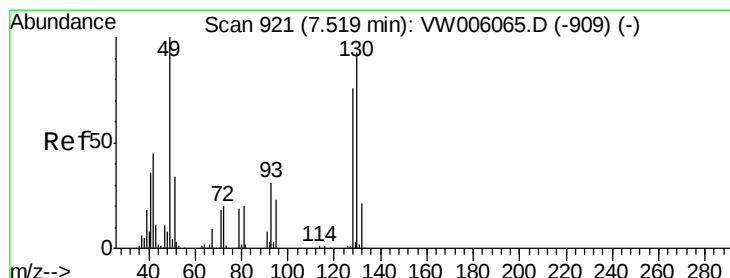
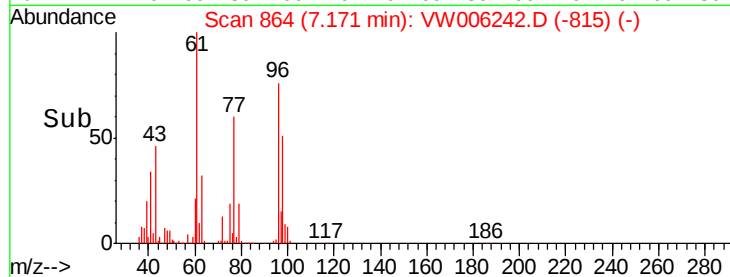
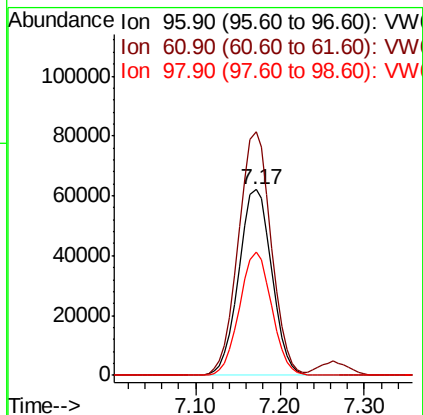
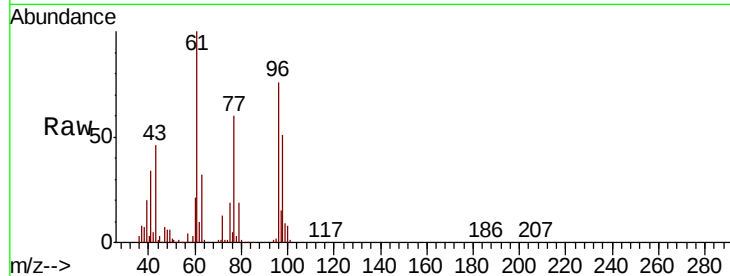


#27

cis-1,2-Dichloroethene  
 Concen: 55.763 ug/l  
 RT: 7.17 min Scan# 864  
 Delta R.T. 0.00 min  
 Lab File: VW006242.D  
 Acq: 19 Oct 2018 23:05

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

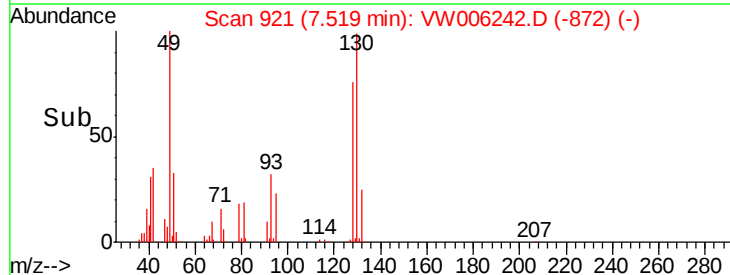
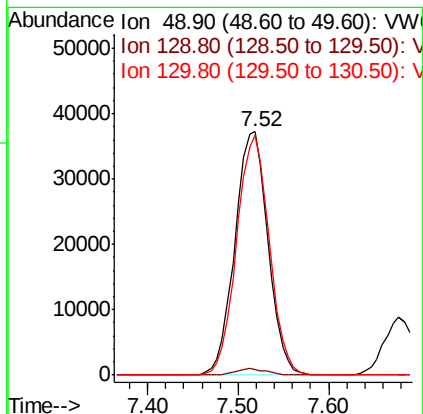
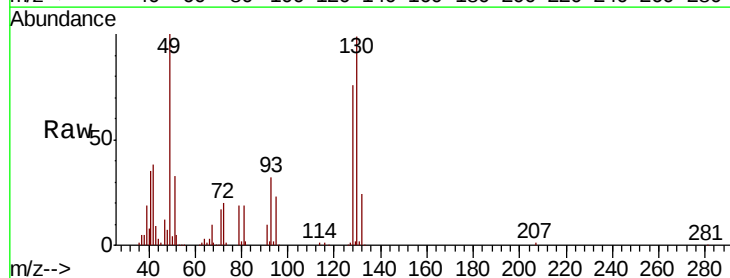
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 130.7 | 0.0   | 267.2 |
| 98      | 64.7  | 0.0   | 128.6 |



#28

Bromochloromethane  
 Concen: 55.998 ug/l  
 RT: 7.52 min Scan# 921  
 Delta R.T. 0.00 min  
 Lab File: VW006242.D  
 Acq: 19 Oct 2018 23:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.5   | 0.0   | 5.0   |
| 130     | 96.9  | 73.8  | 110.8 |





#29

Tetrahydrofuran

Concen: 274.734 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: VW006242.D

Acq: 19 Oct 2018 23:05

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050EC

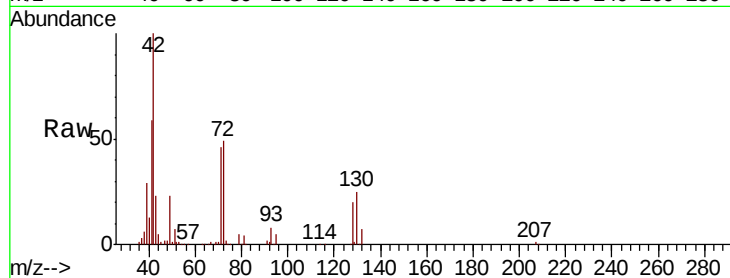
Tot Ion: 42 Resp: 108324

Ion Ratio Lower Upper

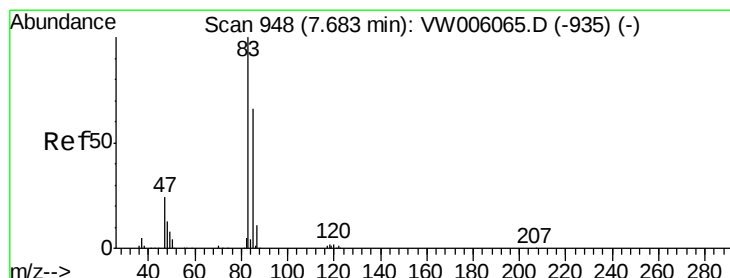
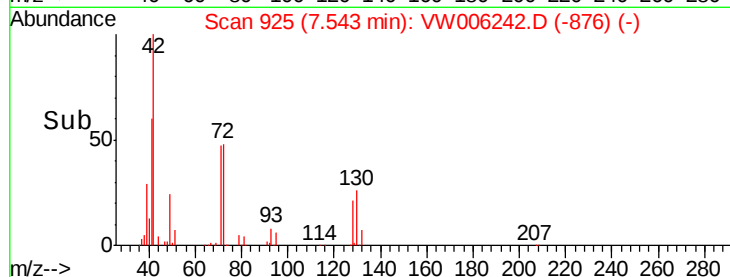
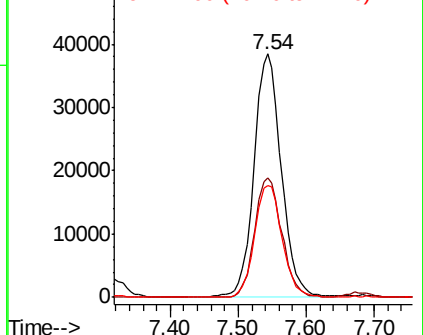
42 100

72 48.7 38.0 57.0

71 46.3 35.3 52.9



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



#30

Chloroform

Concen: 55.708 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.01 min

Lab File: VW006242.D

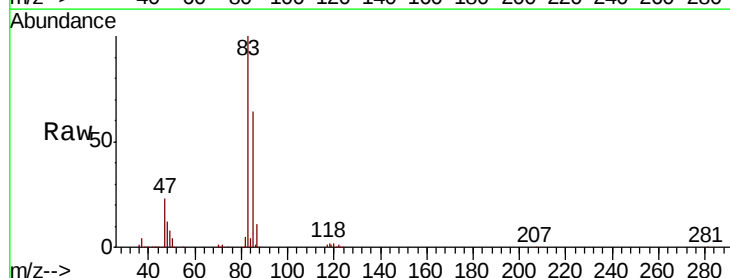
Acq: 19 Oct 2018 23:05

Tgt Ion: 83 Resp: 264807

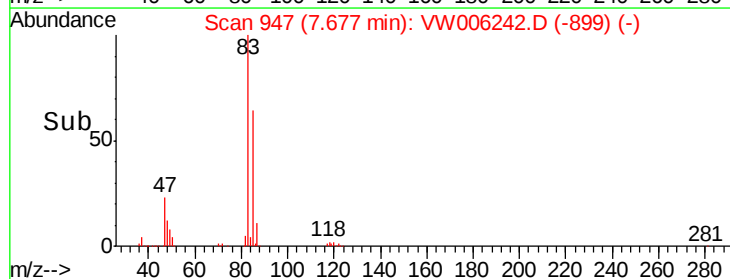
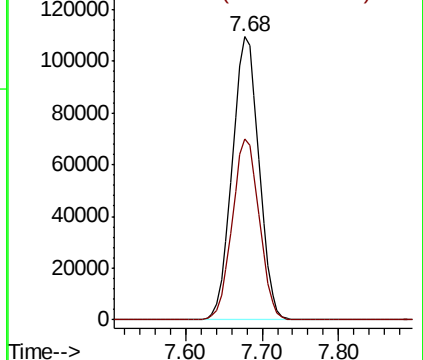
Ion Ratio Lower Upper

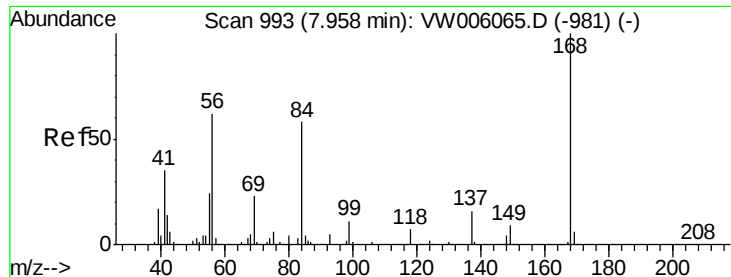
83 100

85 64.0 52.6 79.0



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

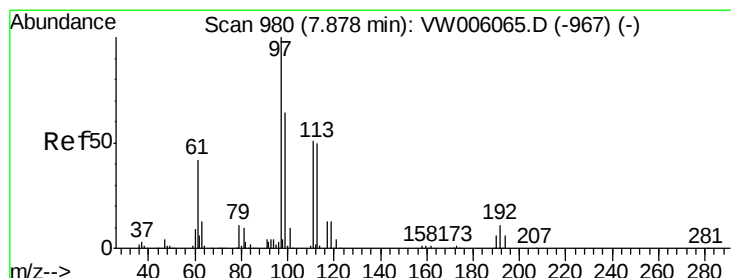
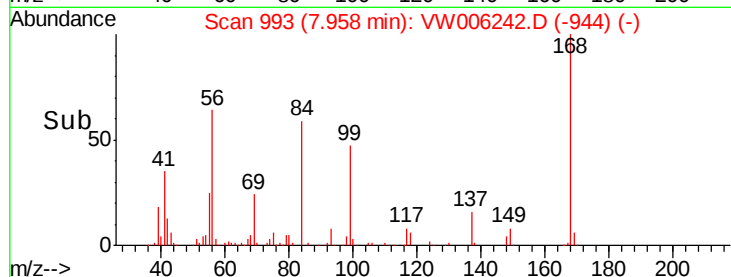
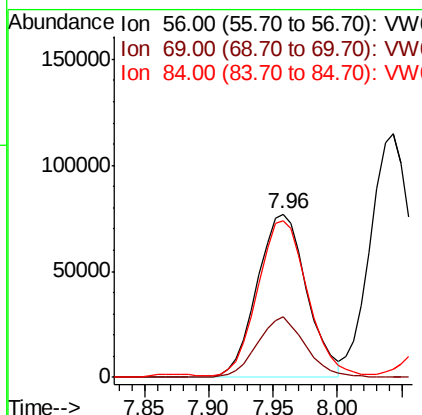
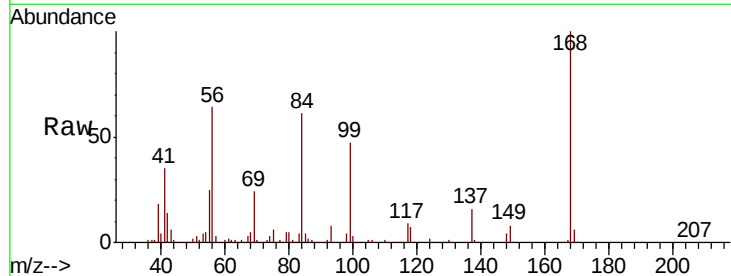




#31  
Cyclohexane  
Concen: 47.377 ug/l  
RT: 7.96 min Scan# 993  
Delta R.T. 0.00 min  
Lab File: VW006242.D  
Acq: 19 Oct 2018 23:05

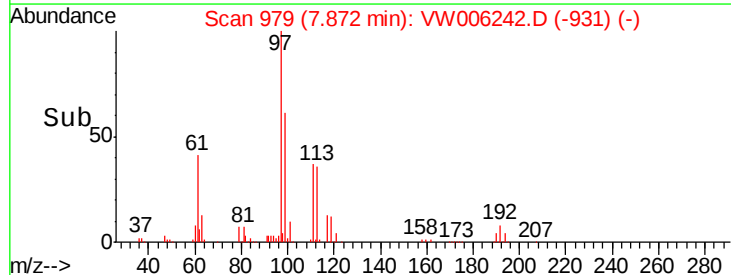
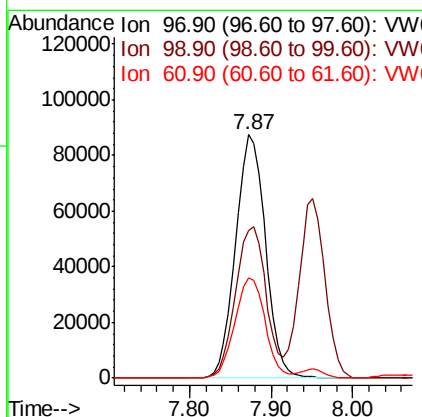
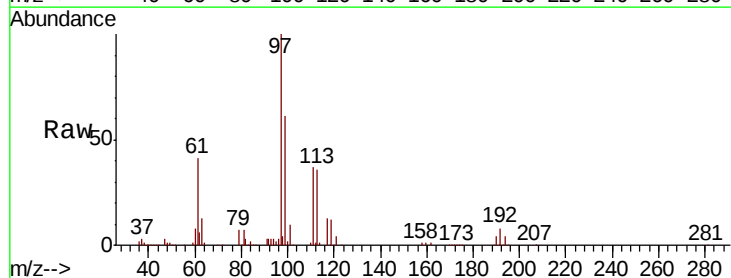
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

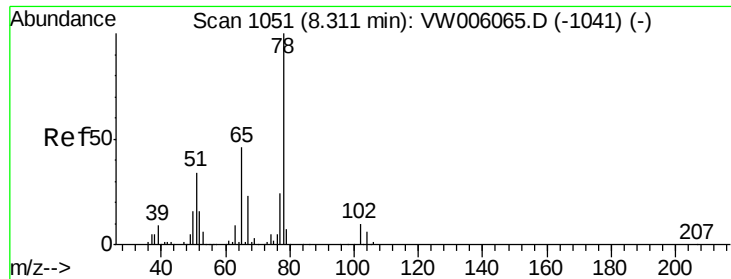
| Tot Ion   | 56    | Resp  | 205850 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 56        | 100   |       |        |
| 69        | 37.1  | 29.4  | 44.0   |
| 84        | 94.3  | 74.0  | 111.0  |



#32  
1,1,1-Trichloroethane  
Concen: 51.843 ug/l  
RT: 7.87 min Scan# 979  
Delta R.T. -0.01 min  
Lab File: VW006242.D  
Acq: 19 Oct 2018 23:05

| Tgt Ion   | 97    | Resp  | 222299 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 99        | 64.2  | 50.9  | 76.3   |
| 61        | 41.9  | 33.7  | 50.5   |

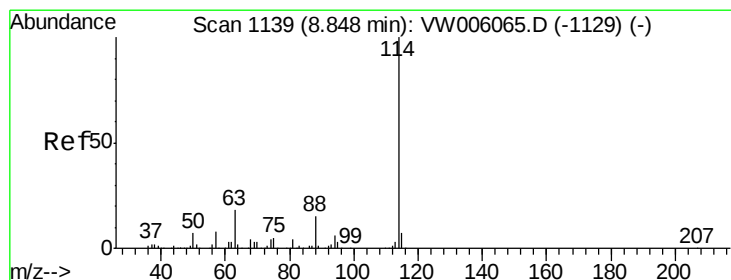
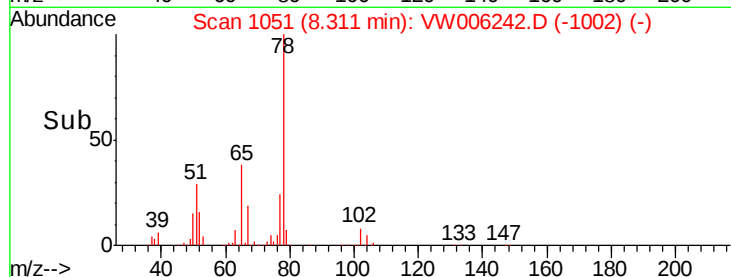
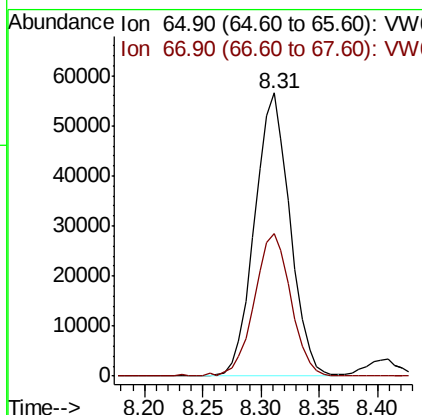
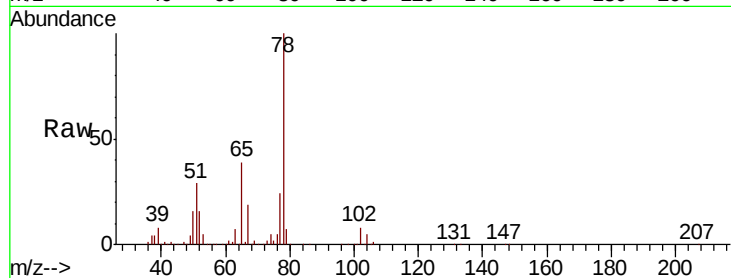




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.374 ug/l  
 RT: 8.31 min Scan# 1051  
 Delta R.T. 0.00 min  
 Lab File: VW006242.D  
 Acq: 19 Oct 2018 23:05

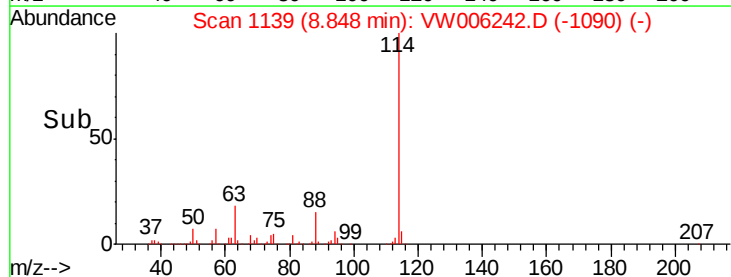
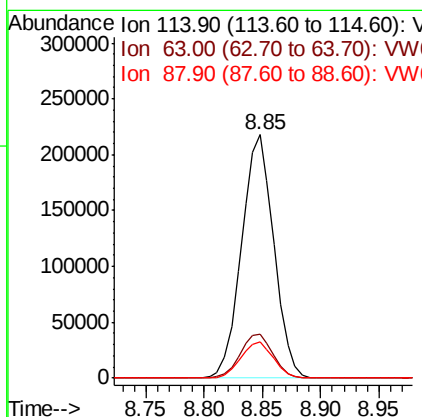
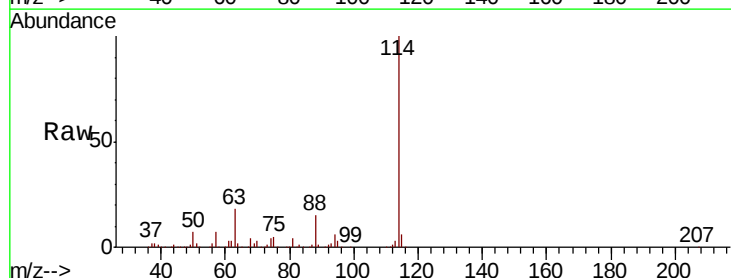
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 65 Resp: 119611  
 Ion Ratio Lower Upper  
 65 100  
 67 51.9 0.0 101.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.85 min Scan# 1139  
 Delta R.T. 0.00 min  
 Lab File: VW006242.D  
 Acq: 19 Oct 2018 23:05

Tgt Ion: 114 Resp: 420806  
 Ion Ratio Lower Upper  
 114 100  
 63 18.1 0.0 36.8  
 88 14.9 0.0 29.0

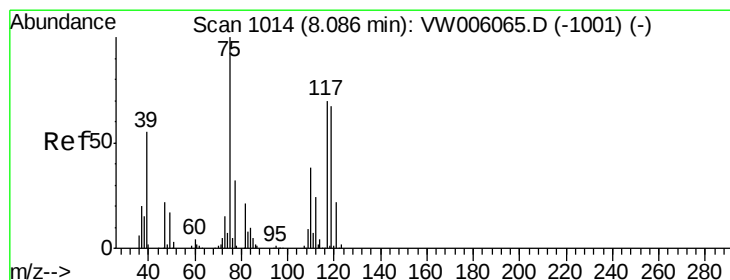
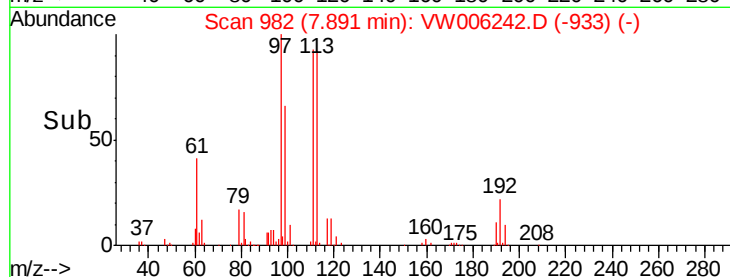
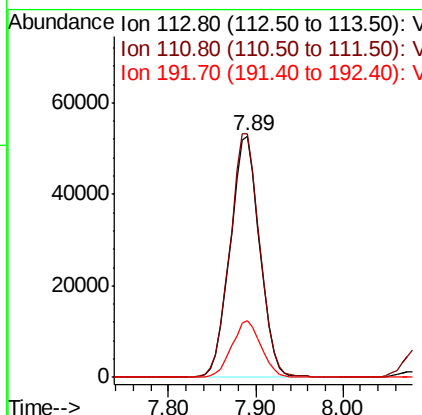
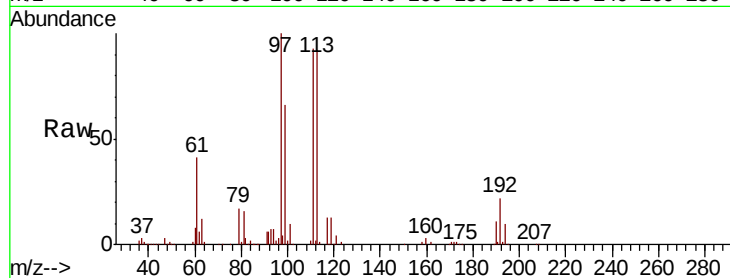




#35  
 Dibromofluoromethane  
 Concen: 49.759 ug/l  
 RT: 7.89 min Scan# 982  
 Delta R.T. 0.00 min  
 Lab File: VW006242.D  
 Acq: 19 Oct 2018 23:05

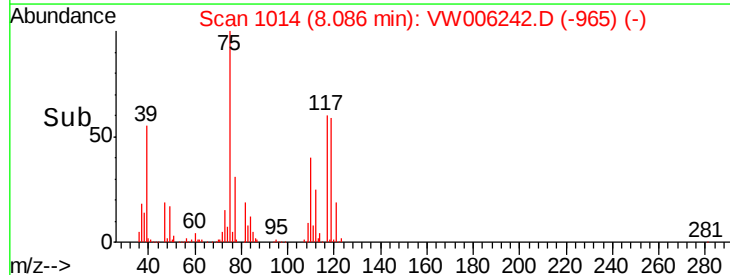
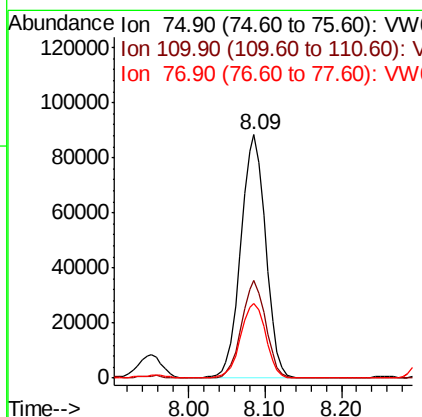
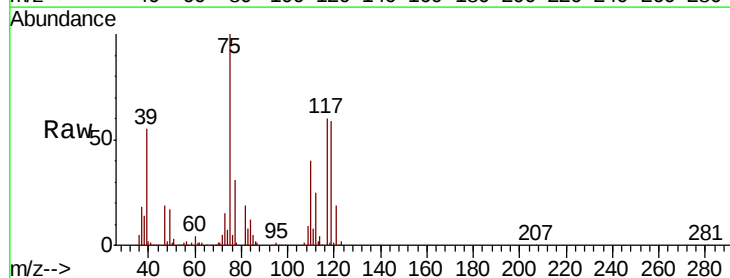
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

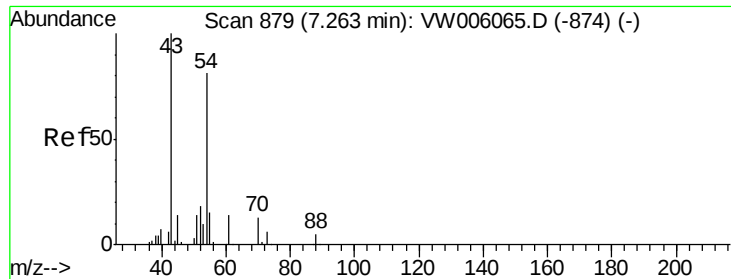
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.0 | 81.4  | 122.0 |
| 192     | 23.1  | 18.7  | 28.1  |



#36  
 1,1-Dichloropropene  
 Concen: 51.421 ug/l  
 RT: 8.09 min Scan# 1014  
 Delta R.T. 0.00 min  
 Lab File: VW006242.D  
 Acq: 19 Oct 2018 23:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 38.8  | 19.1  | 57.1  |
| 77      | 31.3  | 25.0  | 37.4  |

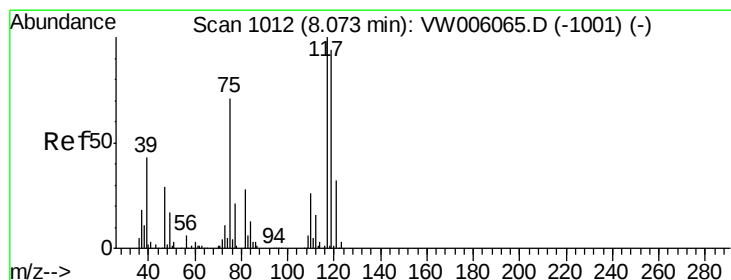
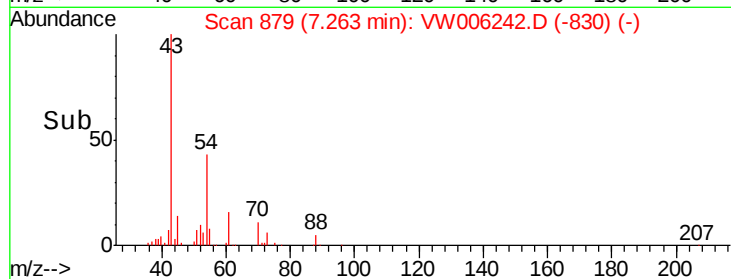
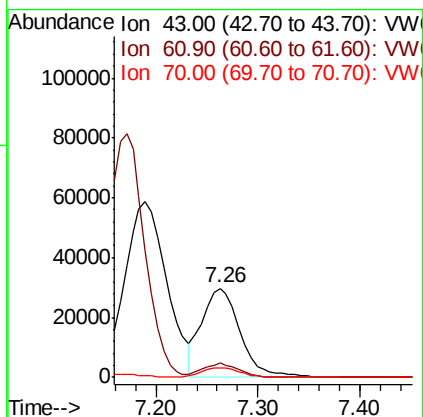
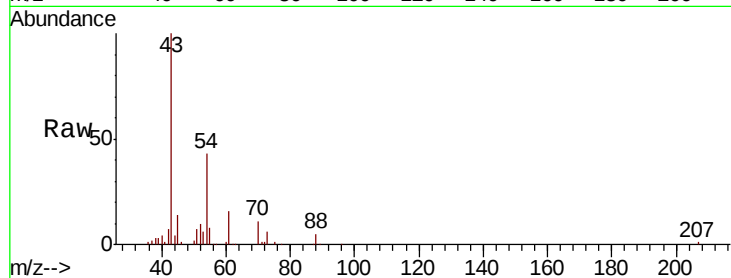




#37  
Ethyl Acetate  
Concen: 53.768 ug/l  
RT: 7.26 min Scan# 879  
Delta R.T. 0.00 min  
Lab File: VW006242.D  
Acq: 19 Oct 2018 23:05

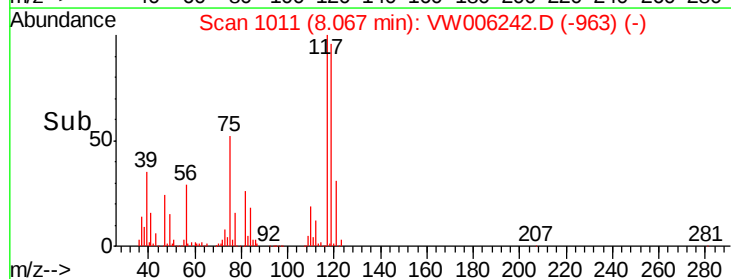
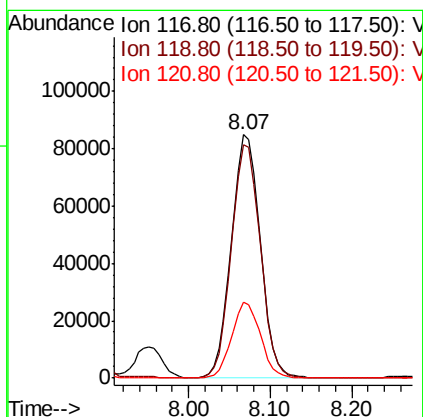
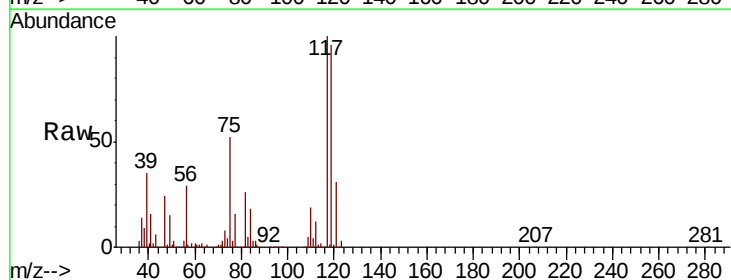
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

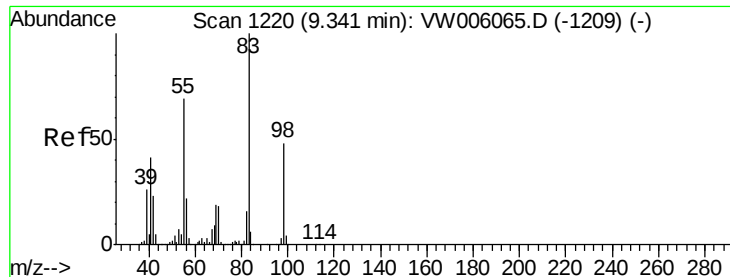
Tot Ion: 43 Resp: 77483  
Ion Ratio Lower Upper  
43 100  
61 14.8 11.5 17.3  
70 11.2 9.2 13.8



#38  
Carbon Tetrachloride  
Concen: 49.041 ug/l  
RT: 8.07 min Scan# 1011  
Delta R.T. -0.01 min  
Lab File: VW006242.D  
Acq: 19 Oct 2018 23:05

Tgt Ion: 117 Resp: 208519  
Ion Ratio Lower Upper  
117 100  
119 95.6 75.2 112.8  
121 31.1 25.3 37.9

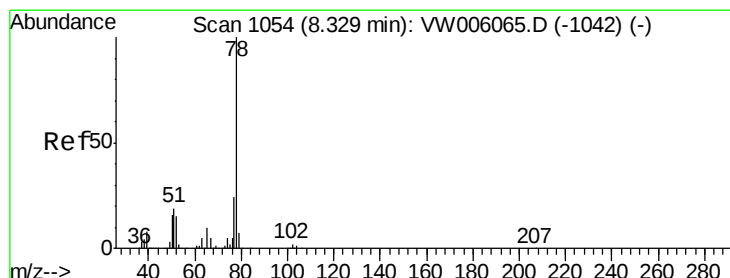
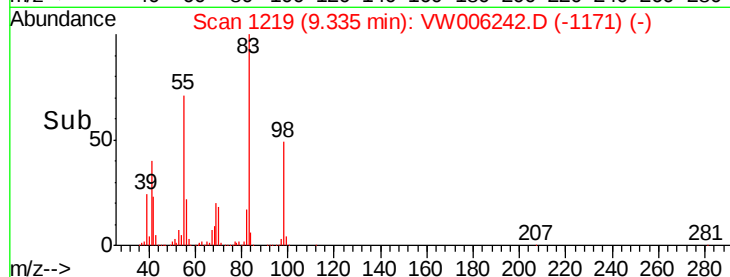
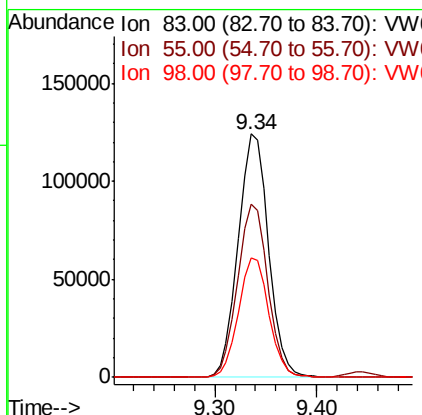
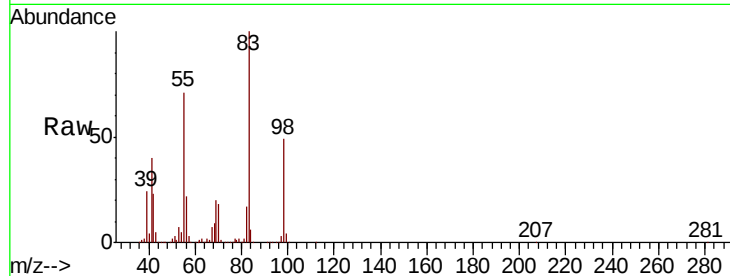




#39  
Methvlcvclohexane  
Concen: 49.942 ug/l  
RT: 9.34 min Scan# 1219  
Delta R.T. -0.01 min  
Lab File: VW006242.D  
Acq: 19 Oct 2018 23:05

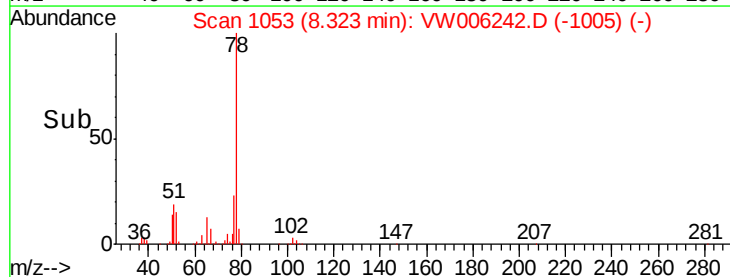
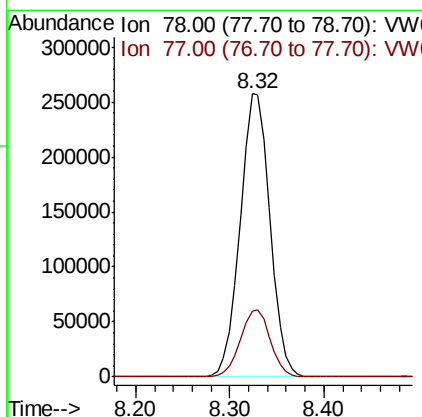
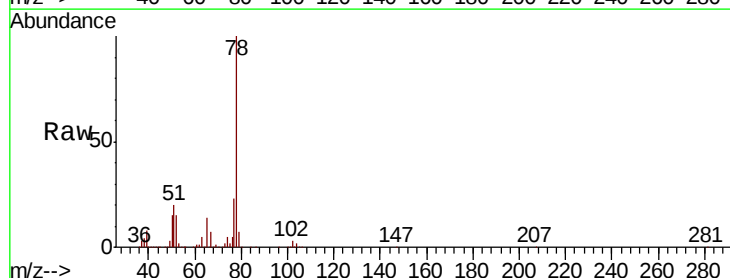
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

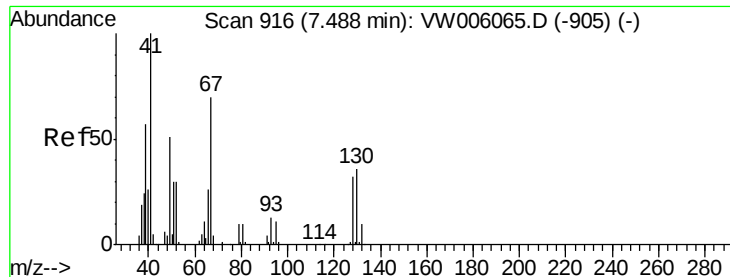
Tot Ion: 83 Resp: 257493  
Ion Ratio Lower Upper  
83 100  
55 71.0 55.0 82.6  
98 48.8 38.6 57.8



#40  
Benzene  
Concen: 53.527 ug/l  
RT: 8.32 min Scan# 1053  
Delta R.T. -0.01 min  
Lab File: VW006242.D  
Acq: 19 Oct 2018 23:05

Tgt Ion: 78 Resp: 569495  
Ion Ratio Lower Upper  
78 100  
77 23.1 19.4 29.0

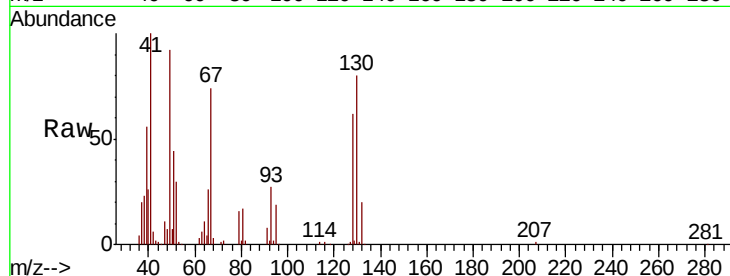




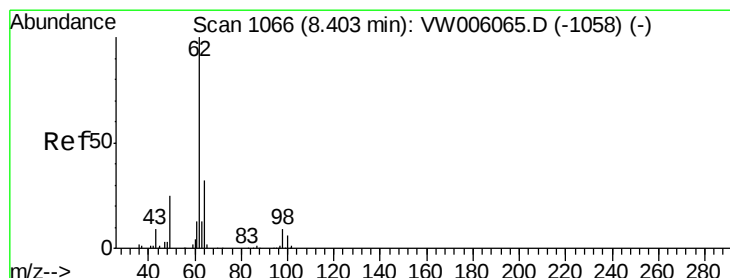
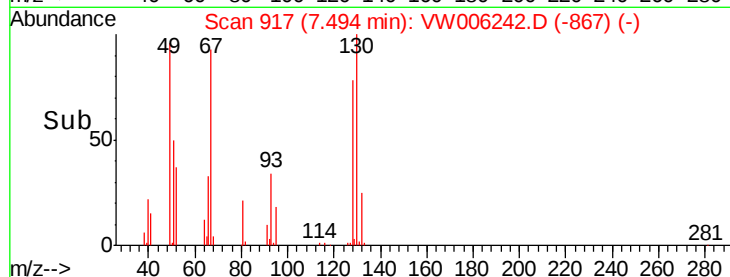
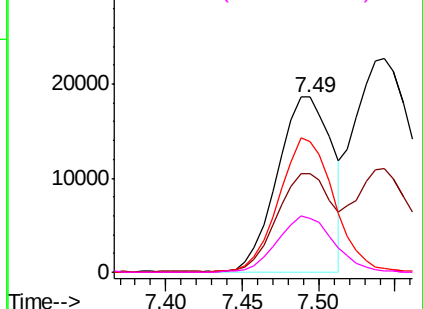
#41  
Methacrylonitrile  
Concen: 53.364 ug/l  
RT: 7.49 min Scan# 917  
Delta R.T. 0.01 min  
Lab File: VW006242.D  
Acq: 19 Oct 2018 23:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 46359 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 55.5  | 46.2  | 69.4  |
| 67       | 77.7  | 57.7  | 86.5  |
| 52       | 33.2  | 24.7  | 37.1  |

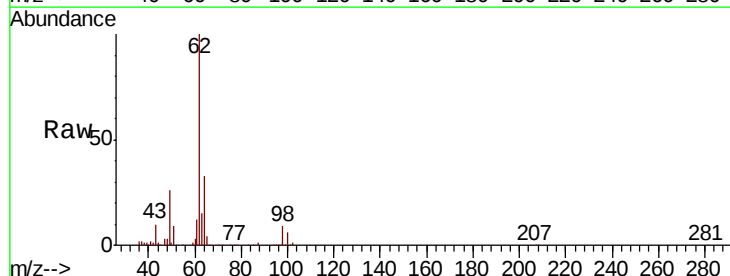


Abundance Ion 41.00 (40.70 to 41.70): VW  
Ion 39.00 (38.70 to 39.70): VW  
Ion 67.00 (66.70 to 67.70): VW  
Ion 52.00 (51.70 to 52.70): VW

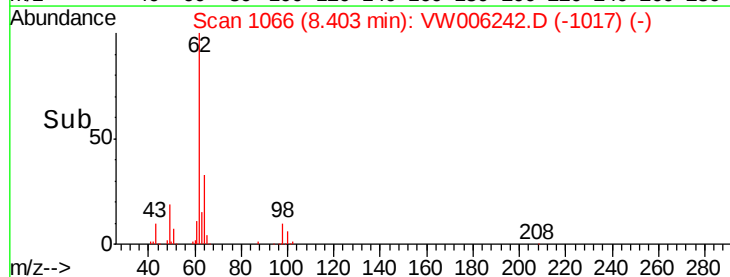
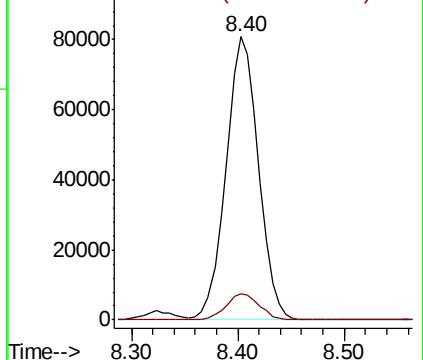


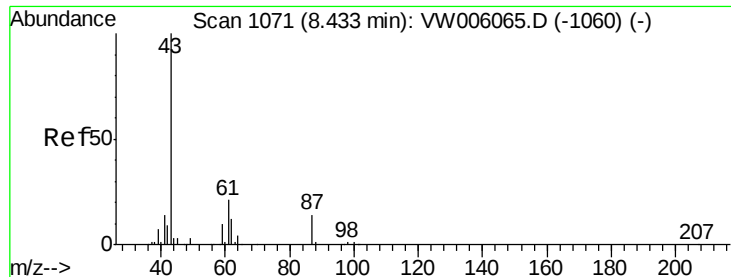
#42  
1,2-Dichloroethane  
Concen: 55.178 ug/l  
RT: 8.40 min Scan# 1066  
Delta R.T. 0.00 min  
Lab File: VW006242.D  
Acq: 19 Oct 2018 23:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 172479 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.4   | 0.0   | 18.4   |



Abundance Ion 61.90 (61.60 to 62.60): VW  
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 52.812 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.00 min

Lab File: VW006242.D

Acq: 19 Oct 2018 23:05

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050EC

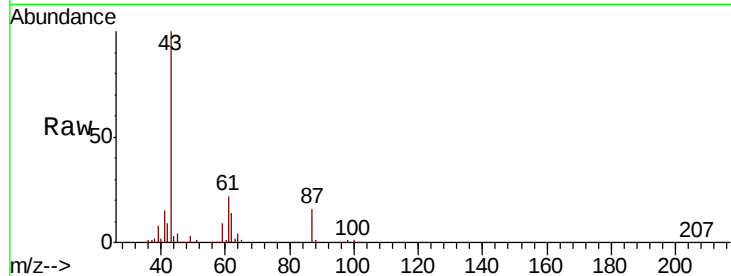
Tot Ion: 43 Resp: 155608

Ion Ratio Lower Upper

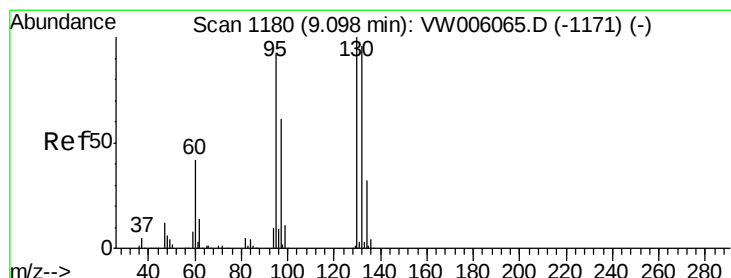
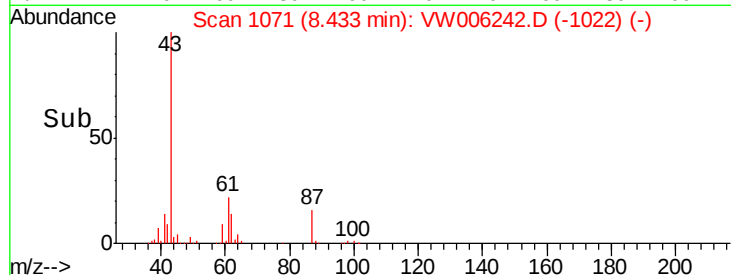
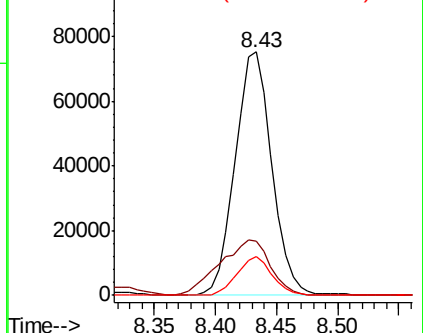
43 100

61 31.7 25.5 38.3

87 15.2 11.7 17.5



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: 53.448 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW006242.D

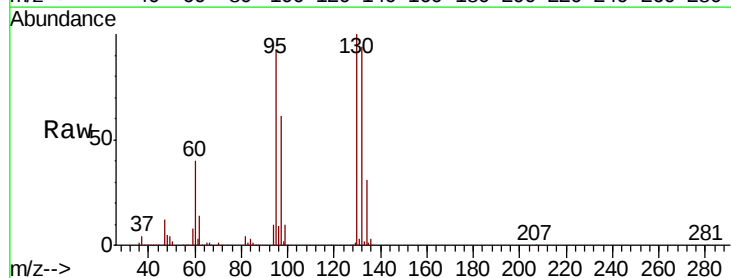
Acq: 19 Oct 2018 23:05

Tgt Ion: 130 Resp: 174463

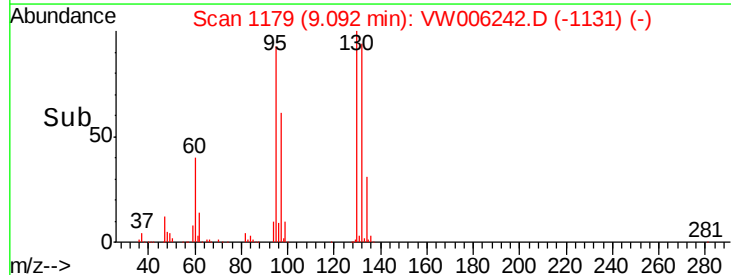
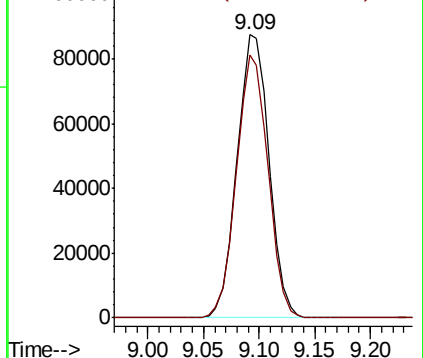
Ion Ratio Lower Upper

130 100

95 92.8 0.0 183.2



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

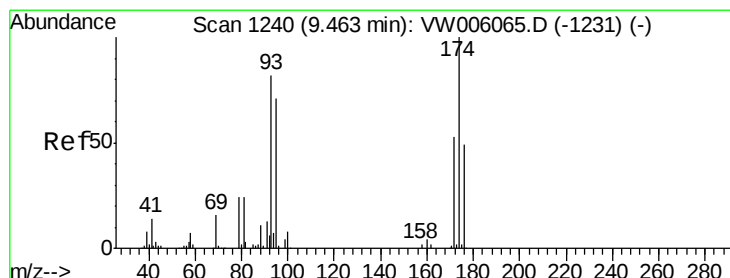
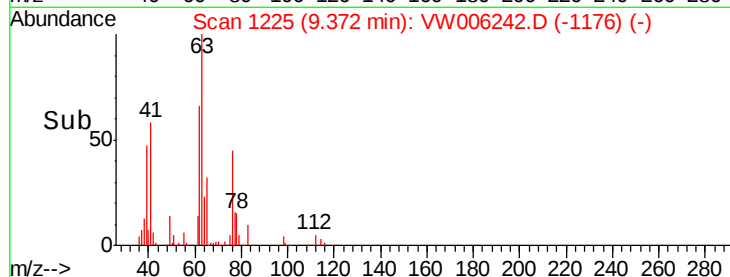
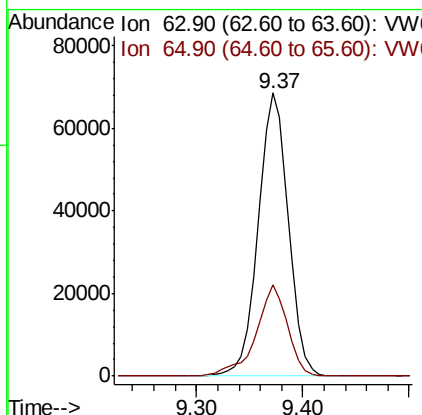
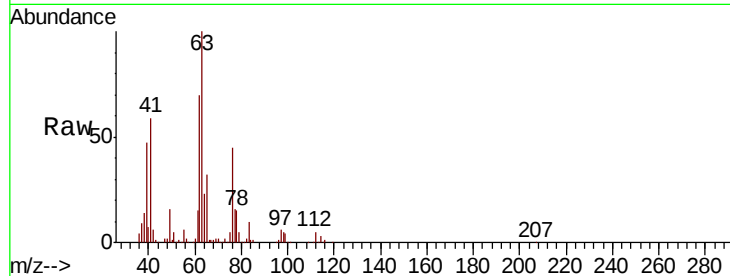




#45  
 1,2-Dichloropropane  
 Concen: 53.334 ug/l  
 RT: 9.37 min Scan# 1225  
 Delta R.T. 0.00 min  
 Lab File: VW006242.D  
 Acq: 19 Oct 2018 23:05

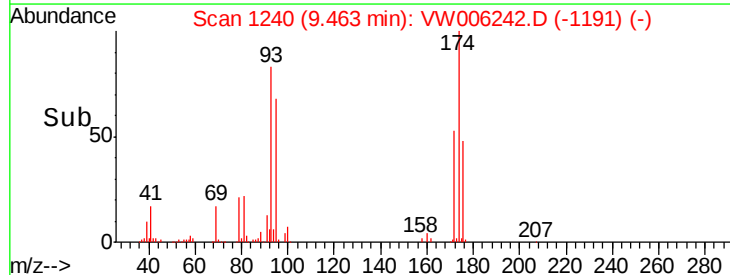
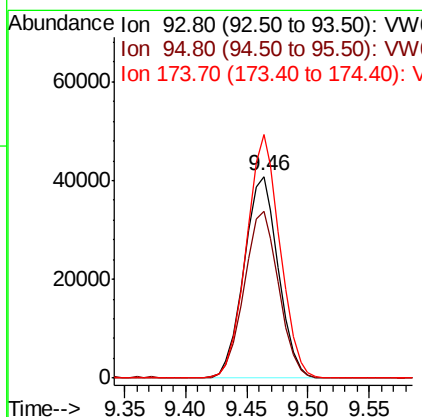
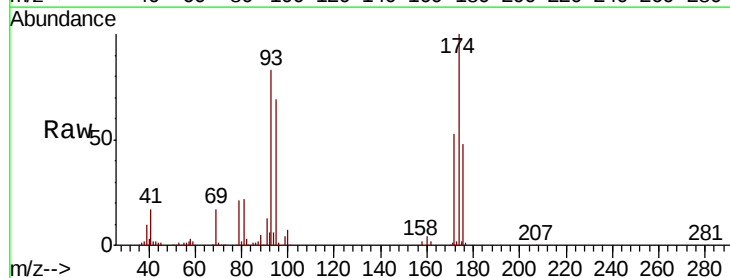
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 63 Resp: 135785  
 Ion Ratio Lower Upper  
 63 100  
 65 32.3 25.4 38.0



#46  
 Dibromomethane  
 Concen: 54.763 ug/l  
 RT: 9.46 min Scan# 1240  
 Delta R.T. 0.00 min  
 Lab File: VW006242.D  
 Acq: 19 Oct 2018 23:05

Tgt Ion: 93 Resp: 79464  
 Ion Ratio Lower Upper  
 93 100  
 95 83.4 67.7 101.5  
 174 118.3 93.7 140.5





#47

Bromodichloromethane

Concen: 52.516 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006242.D

Acq: 19 Oct 2018 23:05

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050EC

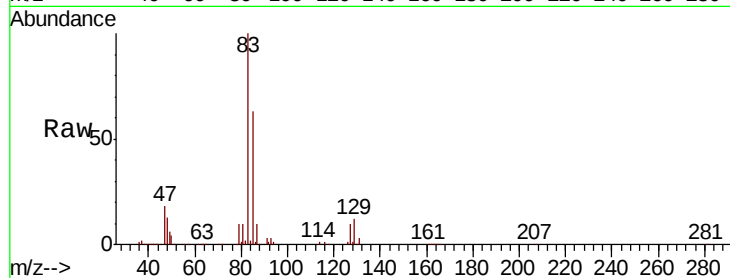
Tot Ion: 83 Resp: 184754

Ion Ratio Lower Upper

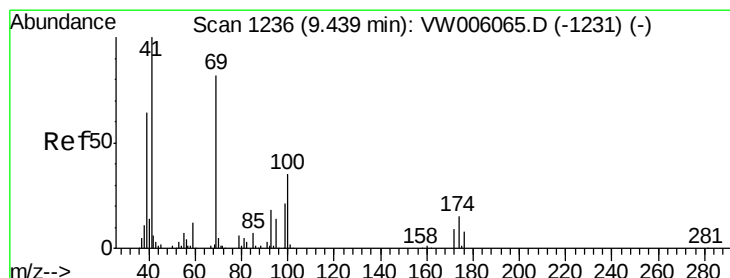
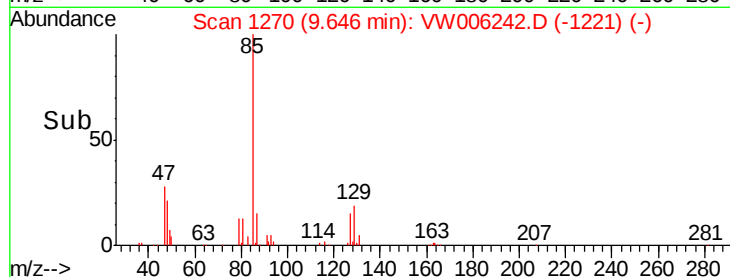
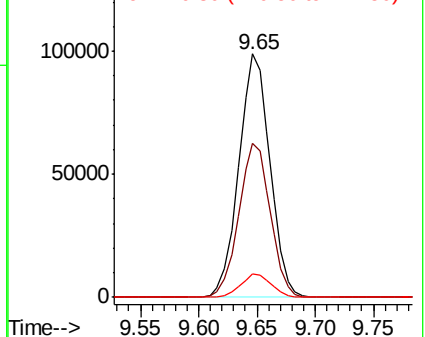
83 100

85 63.2 51.8 77.8

127 9.6 6.9 10.3



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): V



#48

Methyl methacrylate

Concen: 54.642 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW006242.D

Acq: 19 Oct 2018 23:05

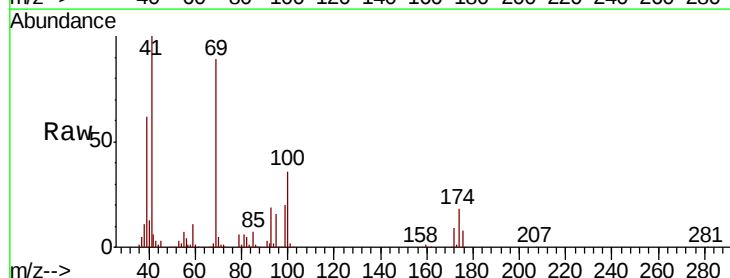
Tgt Ion: 41 Resp: 76317

Ion Ratio Lower Upper

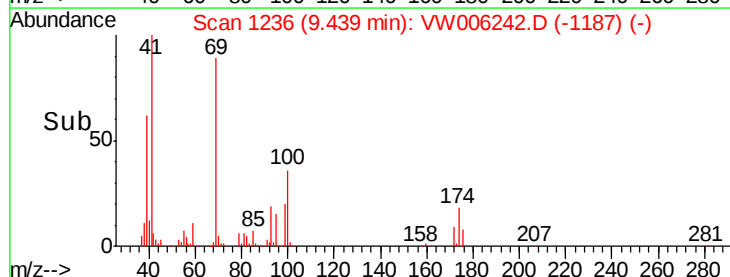
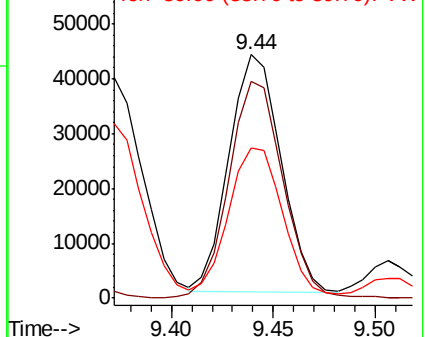
41 100

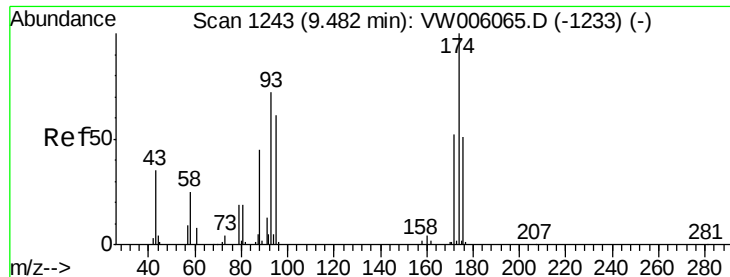
69 95.0 71.8 107.8

39 63.2 52.5 78.7



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: 1175.584 ug/l

RT: 9.50 min Scan# 1246

Delta R.T. 0.02 min

Lab File: VW006242.D

Acq: 19 Oct 2018 23:05

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050EC

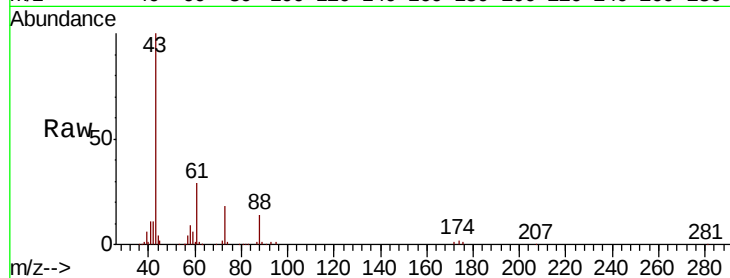
Tot Ion: 88 Resp: 26261

Ion Ratio Lower Upper

88 100

43 451.6 0.0 0.0#

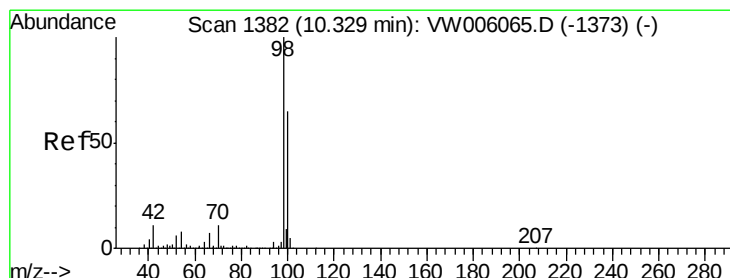
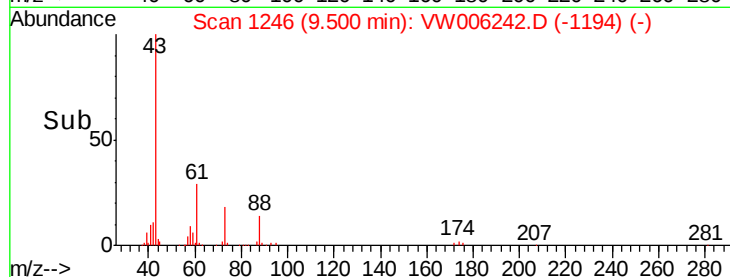
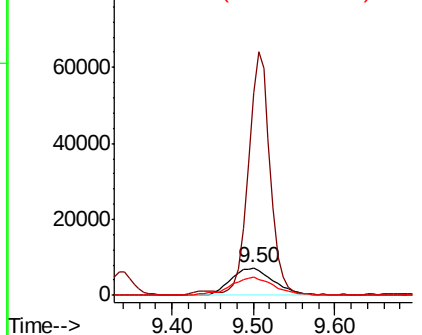
58 66.3 51.2 76.8



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: 47.883 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006242.D

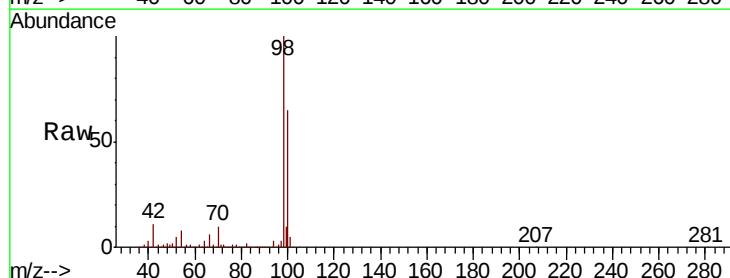
Acq: 19 Oct 2018 23:05

Tgt Ion: 98 Resp: 452971

Ion Ratio Lower Upper

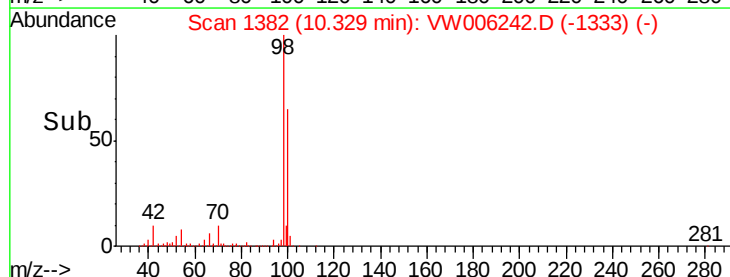
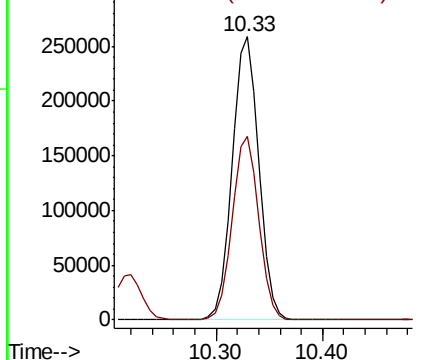
98 100

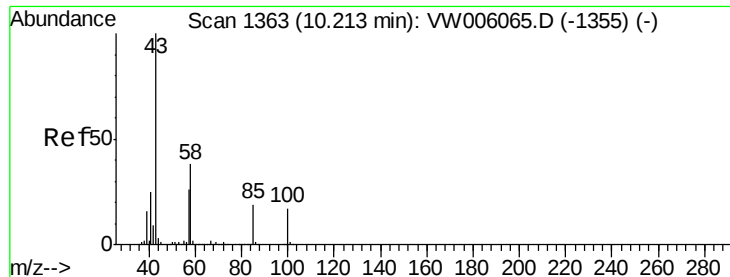
100 64.7 51.6 77.4



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: 269.023 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006242.D

Acq: 19 Oct 2018 23:05

Instrument :

MSVOA\_W

ClientSampleId :

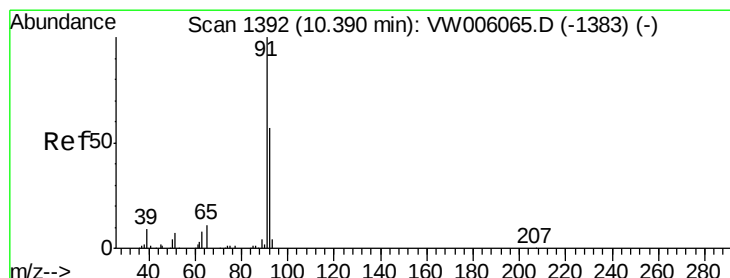
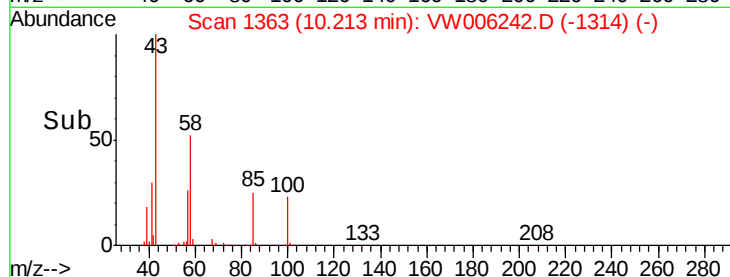
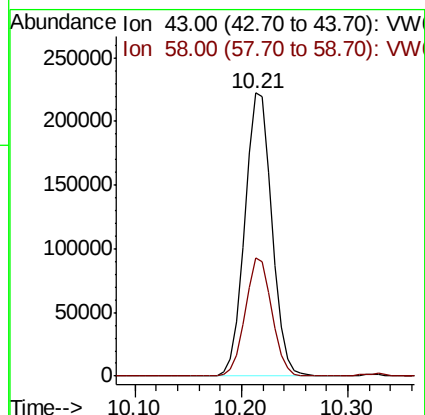
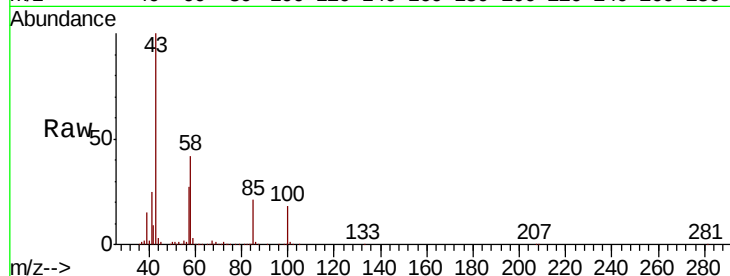
VSTDCCC050EC

Tot Ion: 43 Resp: 397157

Ion Ratio Lower Upper

43 100

58 40.9 31.5 47.3



#52

Toluene

Concen: 52.814 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006242.D

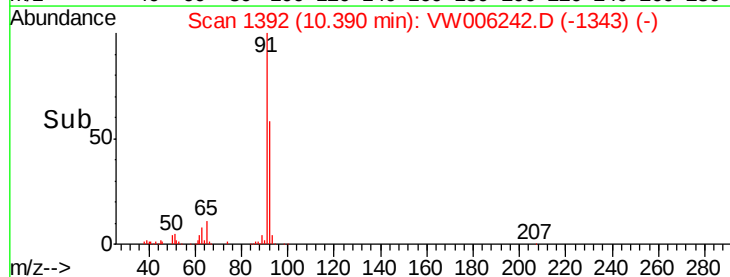
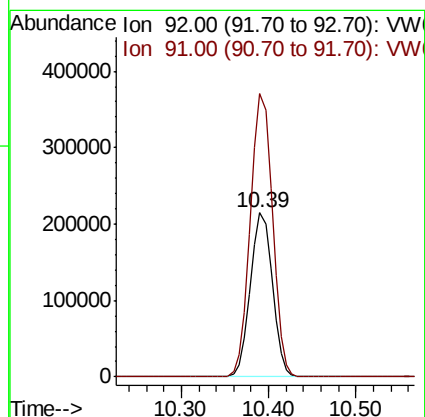
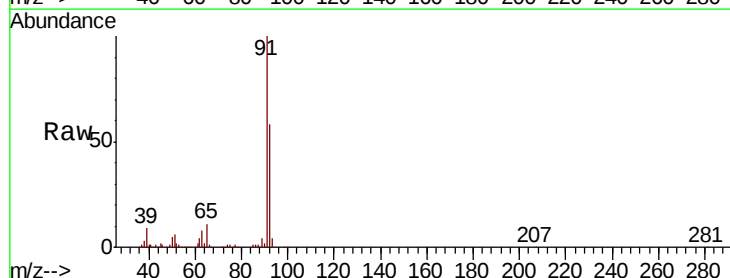
Acq: 19 Oct 2018 23:05

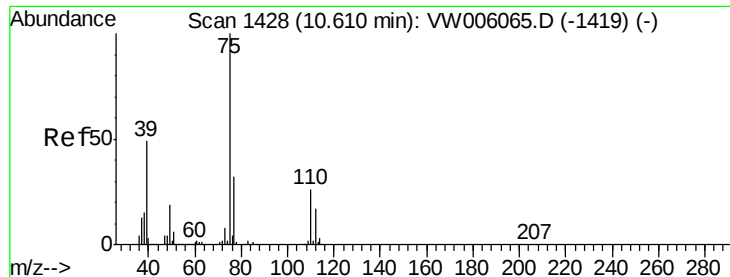
Tgt Ion: 92 Resp: 376721

Ion Ratio Lower Upper

92 100

91 173.5 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 52.127 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006242.D

Acq: 19 Oct 2018 23:05

Instrument :

MSVOA\_W

ClientSampleId :

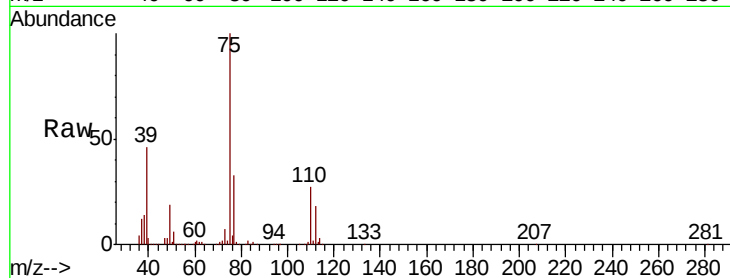
VSTDCCC050EC

Tot Ion: 75 Resp: 182711

Ion Ratio Lower Upper

75 100

77 32.7 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.61

120000

100000

80000

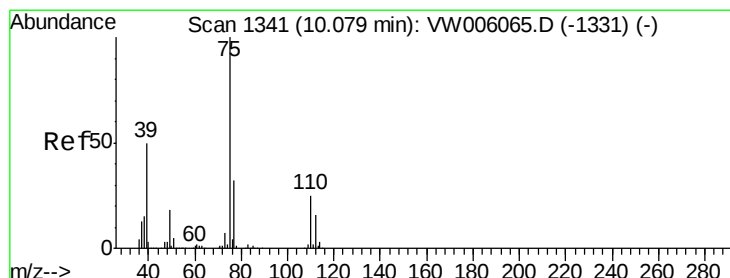
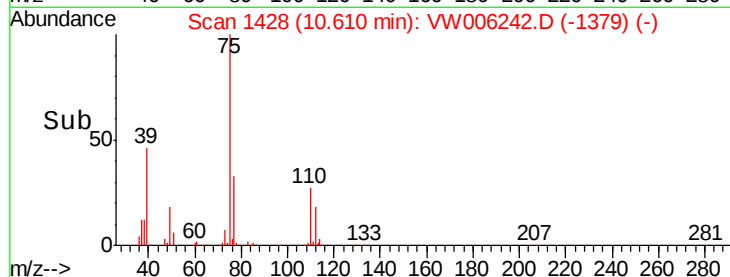
60000

40000

20000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 52.248 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW006242.D

Acq: 19 Oct 2018 23:05

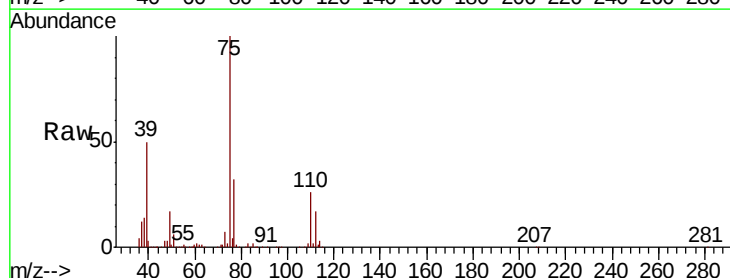
Tgt Ion: 75 Resp: 210184

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8

39 49.6 39.9 59.9



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

10.08

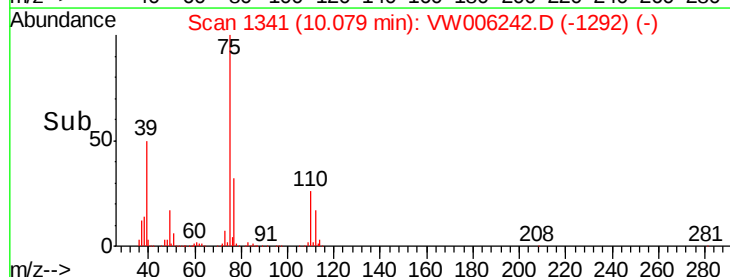
150000

100000

50000

0

Time--> 10.00 10.10



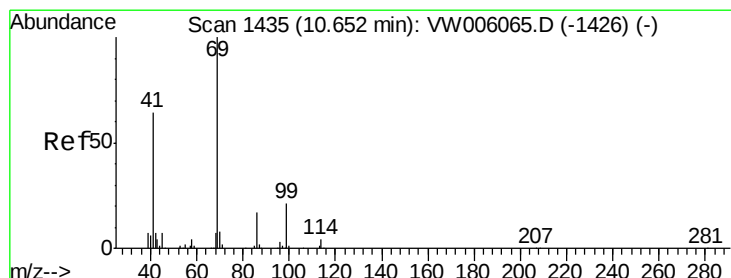
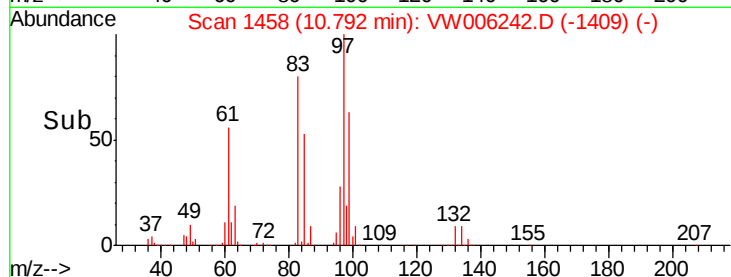
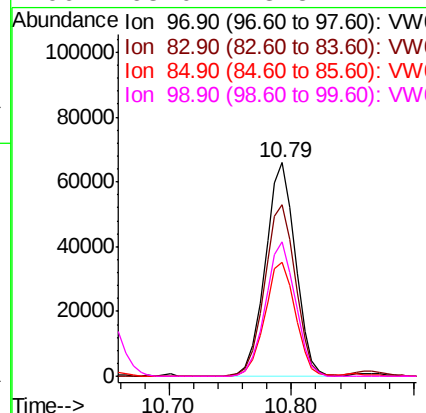
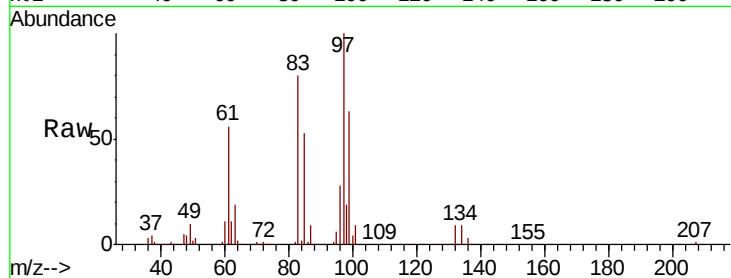


#55  
 1,1,2-Trichloroethane  
 Concen: 55.533 ug/l  
 RT: 10.79 min Scan# 1458  
 Delta R.T. 0.00 min  
 Lab File: VW006242.D  
 Acq: 19 Oct 2018 23:05

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 97 Resp: 112767  

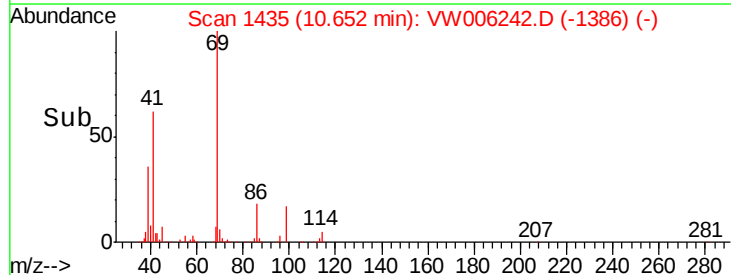
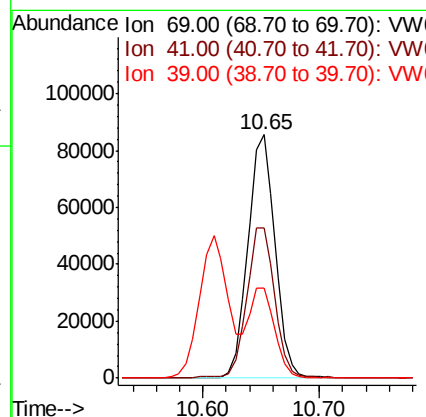
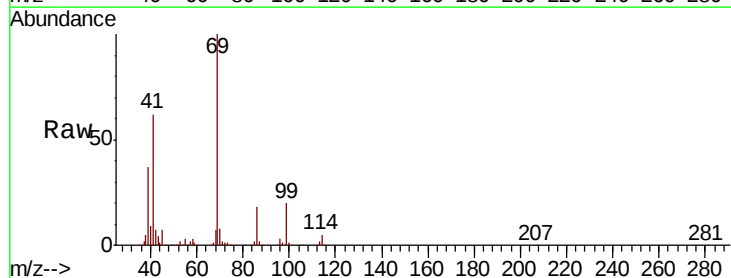
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 80.3  | 67.2  | 100.8 |
| 85  | 53.1  | 43.7  | 65.5  |
| 99  | 63.0  | 48.5  | 72.7  |



#56  
 Ethyl methacrylate  
 Concen: 56.107 ug/l  
 RT: 10.65 min Scan# 1435  
 Delta R.T. 0.00 min  
 Lab File: VW006242.D  
 Acq: 19 Oct 2018 23:05

Tgt Ion: 69 Resp: 139671  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 63.5  | 52.8  | 79.2  |
| 39  | 33.8  | 30.6  | 45.8  |

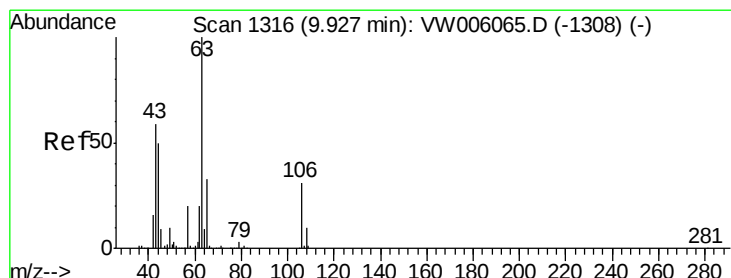
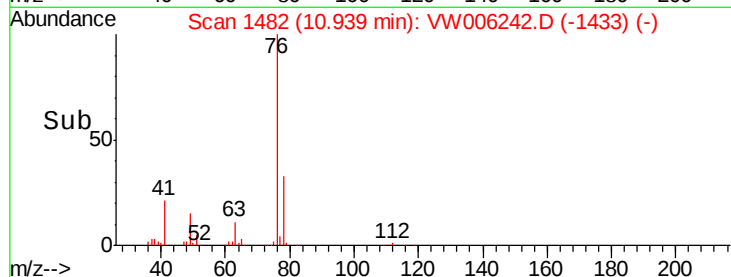
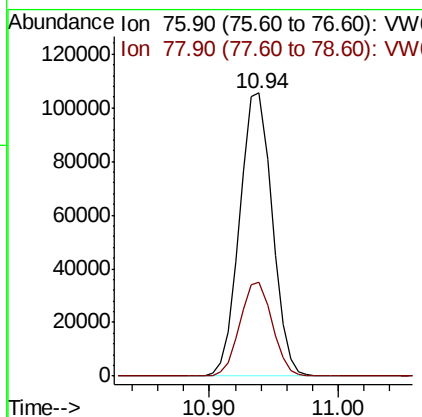
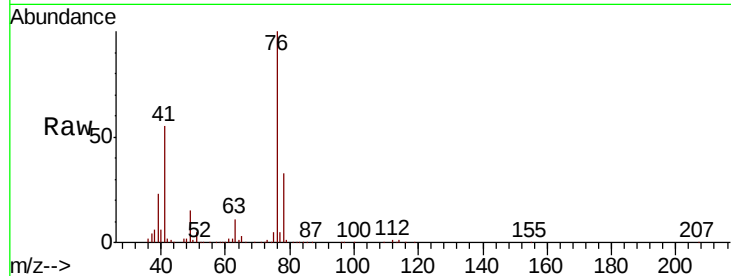




#57  
 1,3-Dichloropropane  
 Concen: 54.951 ug/l  
 RT: 10.94 min Scan# 1482  
 Delta R.T. 0.00 min  
 Lab File: VW006242.D  
 Acq: 19 Oct 2018 23:05

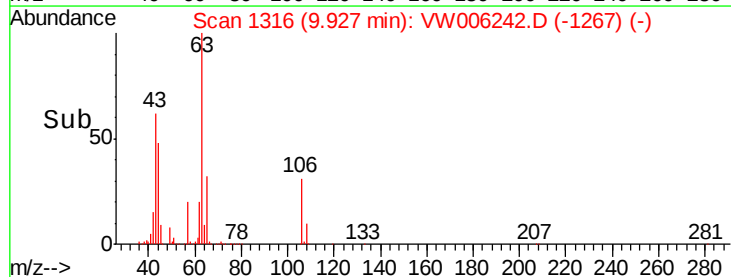
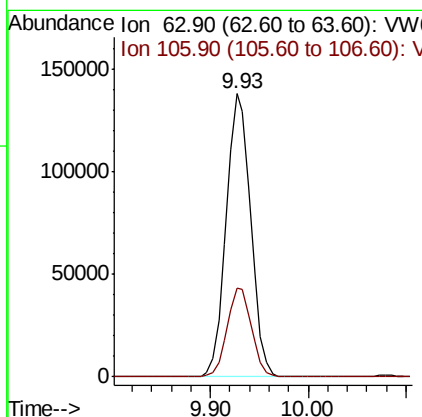
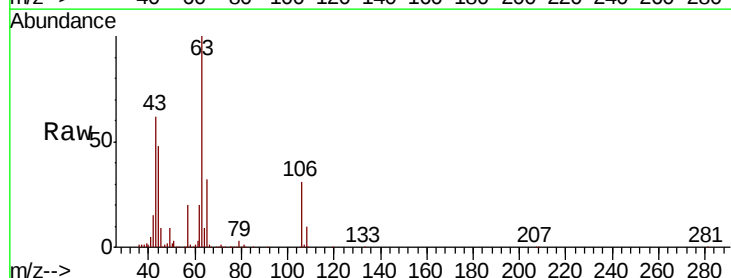
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

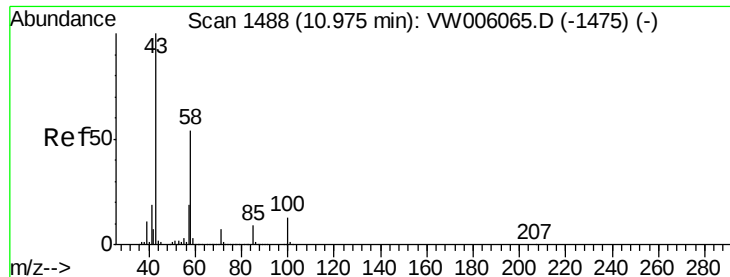
Tot Ion: 76 Resp: 184716  
 Ion Ratio Lower Upper  
 76 100  
 78 33.0 25.9 38.9



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 251.881 ug/l  
 RT: 9.93 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: VW006242.D  
 Acq: 19 Oct 2018 23:05

Tgt Ion: 63 Resp: 239592  
 Ion Ratio Lower Upper  
 63 100  
 106 31.3 24.5 36.7

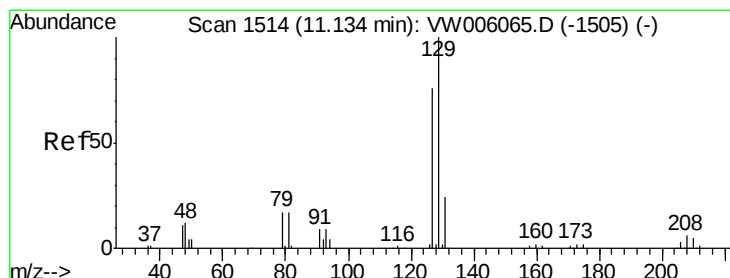
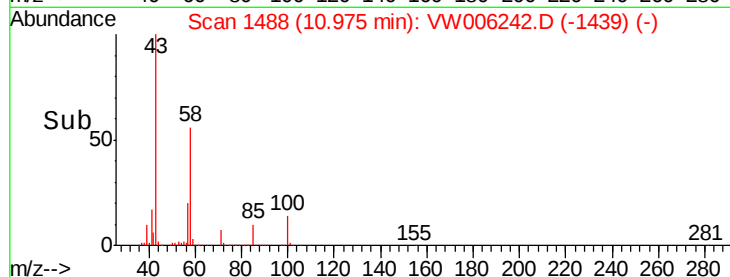
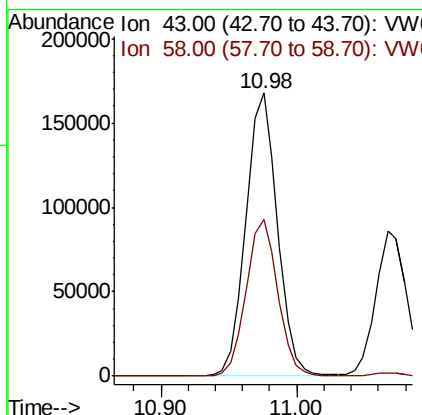
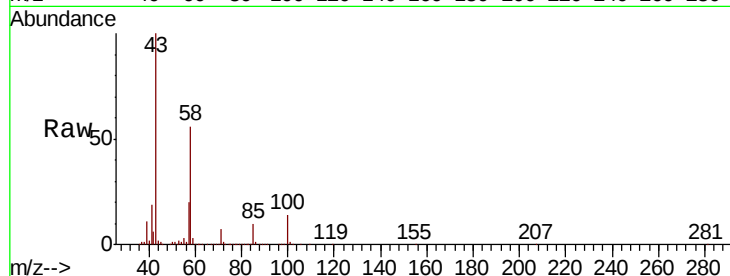




#59  
2-Hexanone  
Concen: 258.100 ug/l  
RT: 10.98 min Scan# 1488  
Delta R.T. 0.00 min  
Lab File: VW006242.D  
Acq: 19 Oct 2018 23:05

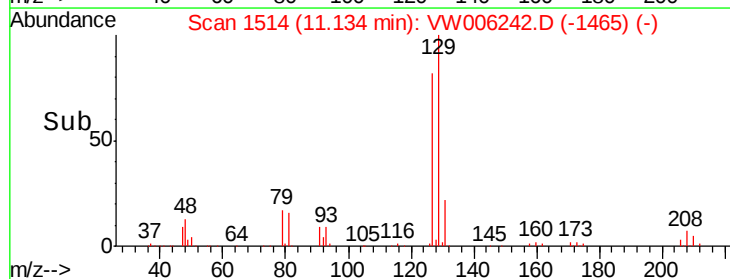
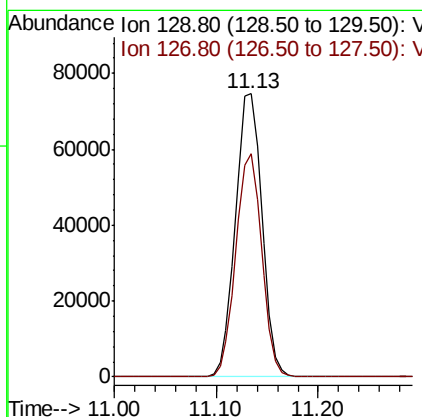
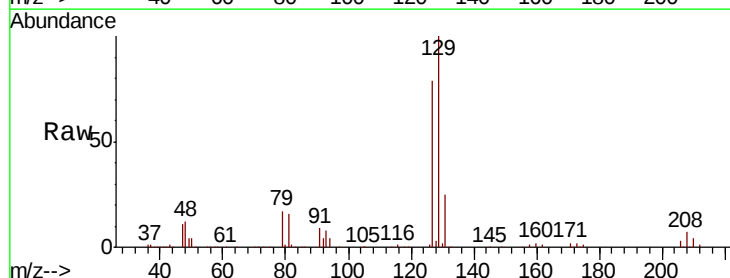
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

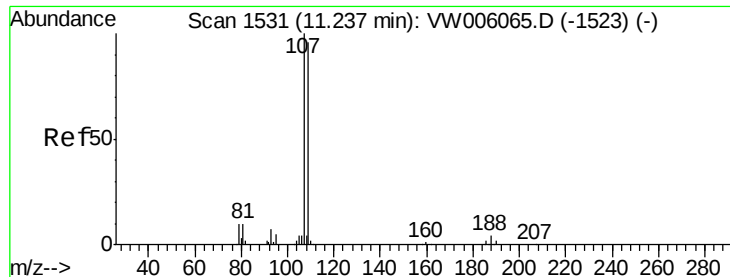
Tot Ion: 43 Resp: 271994  
Ion Ratio Lower Upper  
43 100  
58 55.6 26.9 80.6



#60  
Dibromochloromethane  
Concen: 53.156 ug/l  
RT: 11.13 min Scan# 1514  
Delta R.T. 0.00 min  
Lab File: VW006242.D  
Acq: 19 Oct 2018 23:05

Tgt Ion: 129 Resp: 134448  
Ion Ratio Lower Upper  
129 100  
127 76.7 38.6 115.7

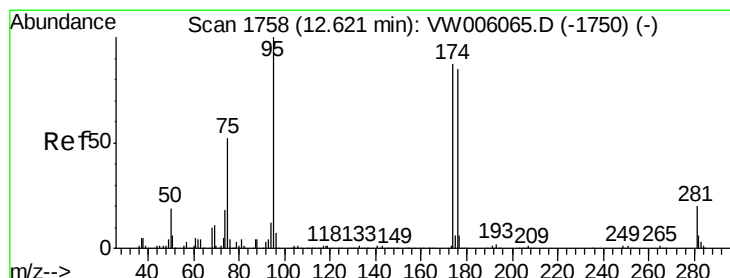
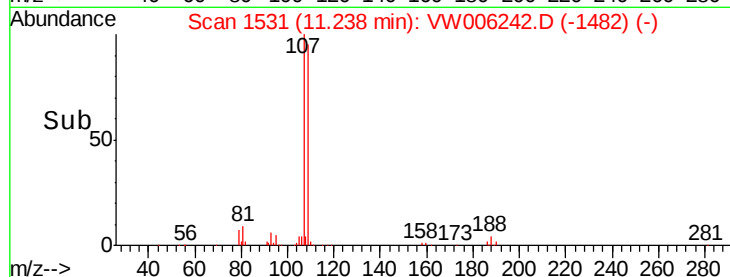
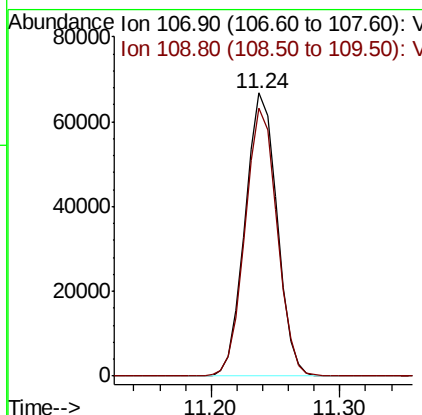
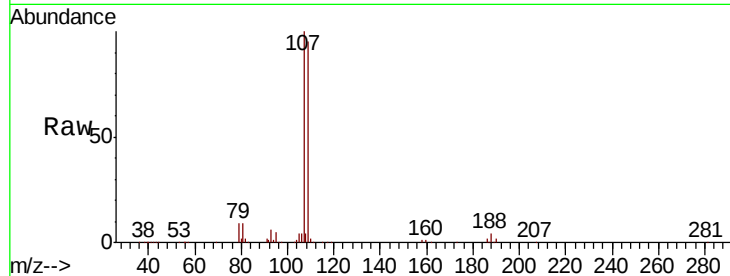




#61  
 1,2-Dibromoethane  
 Concen: 56.234 ug/l  
 RT: 11.24 min Scan# 1531  
 Delta R.T. 0.00 min  
 Lab File: VW006242.D  
 Acq: 19 Oct 2018 23:05

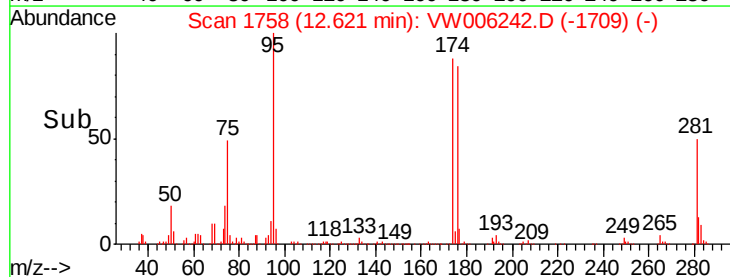
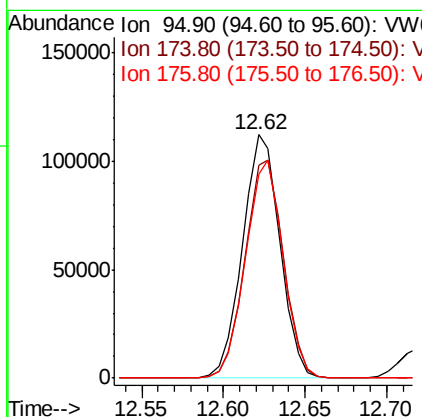
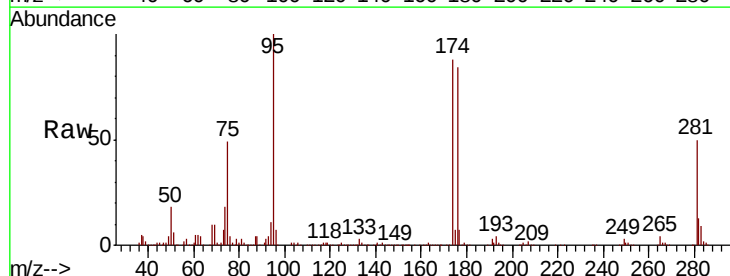
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

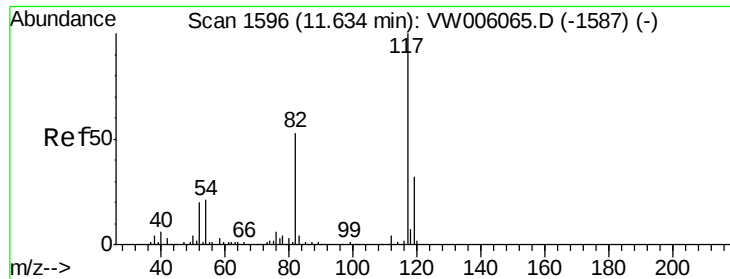
Tot Ion: 107 Resp: 114097  
 Ion Ratio Lower Upper  
 107 100  
 109 94.7 76.3 114.5



#62  
 4-Bromofluorobenzene  
 Concen: 50.475 ug/l  
 RT: 12.62 min Scan# 1758  
 Delta R.T. 0.00 min  
 Lab File: VW006242.D  
 Acq: 19 Oct 2018 23:05

Tgt Ion: 95 Resp: 179341  
 Ion Ratio Lower Upper  
 95 100  
 174 92.0 0.0 186.0  
 176 89.8 0.0 181.6

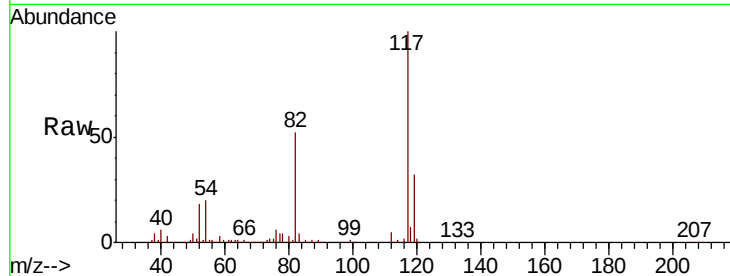




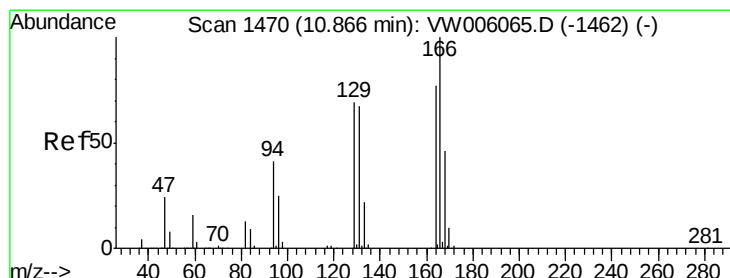
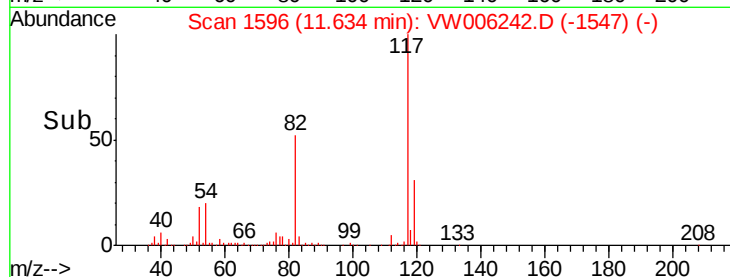
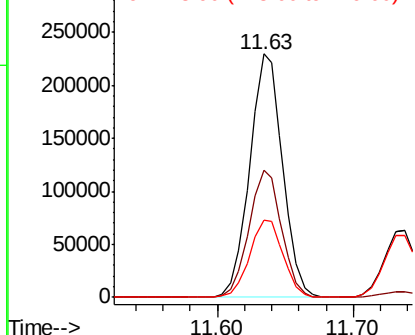
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. 0.00 min  
Lab File: VW006242.D  
Acq: 19 Oct 2018 23:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:117 Resp: 388069  
Ion Ratio Lower Upper  
117 100  
82 52.3 42.1 63.1  
119 31.4 25.8 38.6

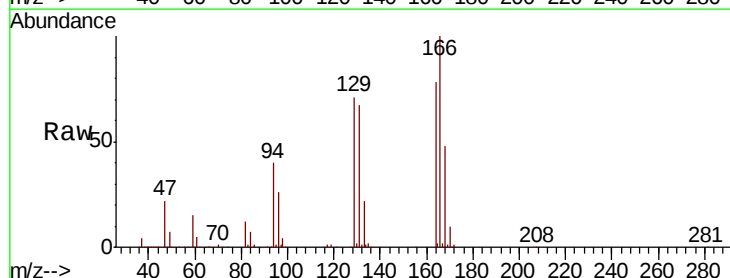


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

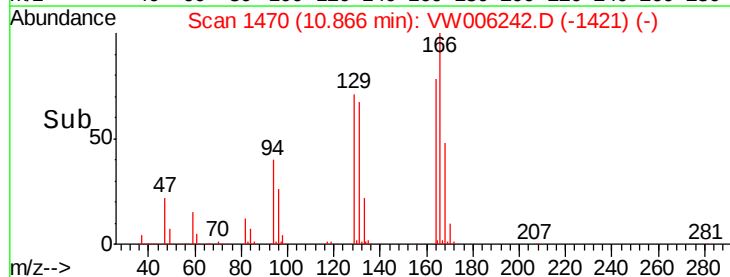
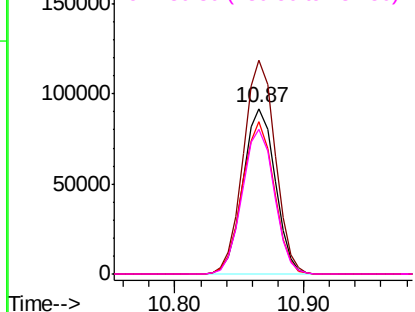


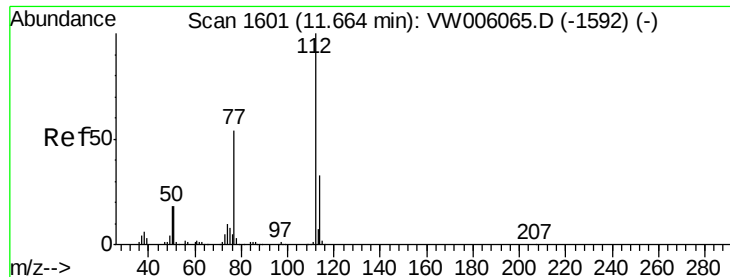
#64  
Tetrachloroethene  
Concen: 52.487 ug/l  
RT: 10.87 min Scan# 1470  
Delta R.T. 0.00 min  
Lab File: VW006242.D  
Acq: 19 Oct 2018 23:05

Tgt Ion:164 Resp: 158123  
Ion Ratio Lower Upper  
164 100  
166 128.9 103.4 155.0  
129 91.9 71.8 107.8  
131 87.0 69.5 104.3



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

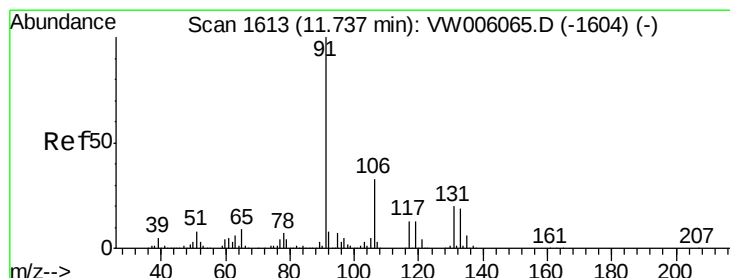
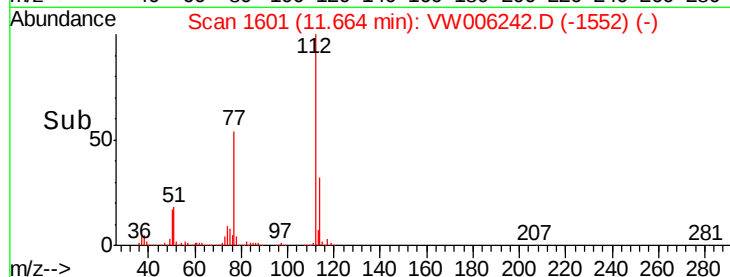
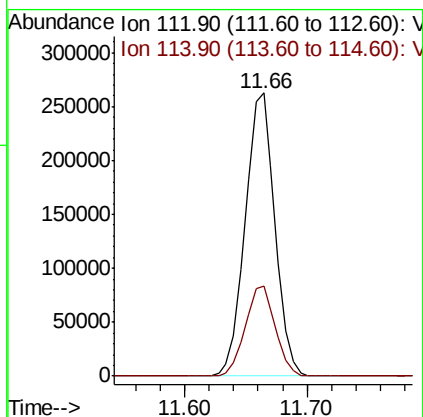
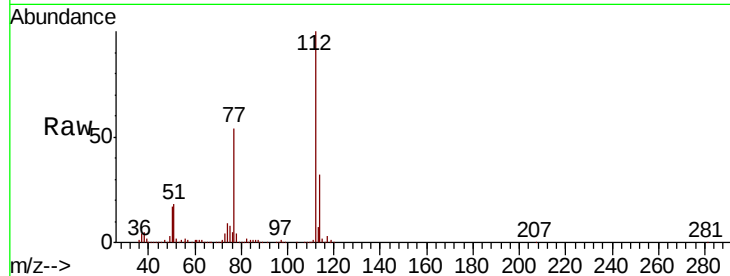




#65  
Chlorobenzene  
Concen: 53.317 ug/l  
RT: 11.66 min Scan# 1601  
Delta R.T. 0.00 min  
Lab File: VW006242.D  
Acq: 19 Oct 2018 23:05

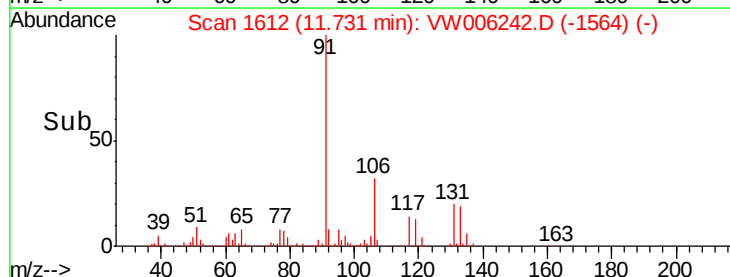
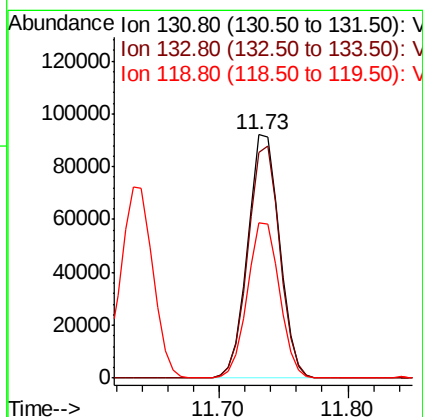
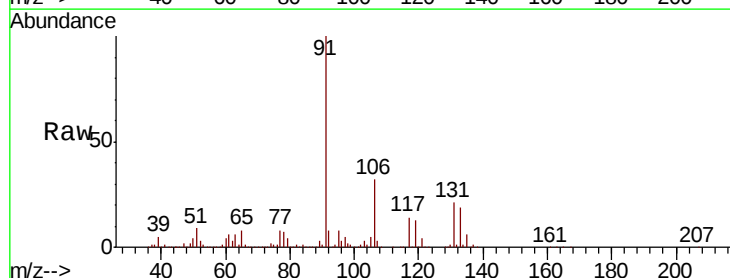
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

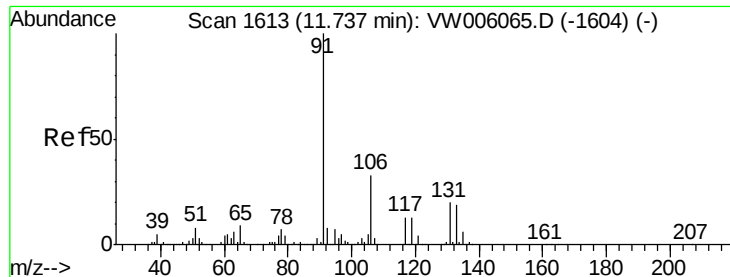
Tot Ion:112 Resp: 442926  
Ion Ratio Lower Upper  
112 100  
114 31.6 26.2 39.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.064 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. -0.01 min  
Lab File: VW006242.D  
Acq: 19 Oct 2018 23:05

Tgt Ion:131 Resp: 156659  
Ion Ratio Lower Upper  
131 100  
133 95.5 48.1 144.3  
119 64.1 31.6 94.7

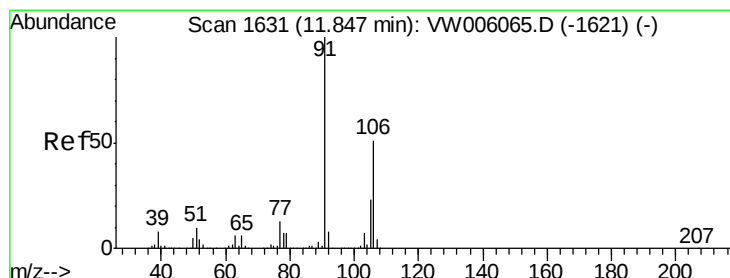
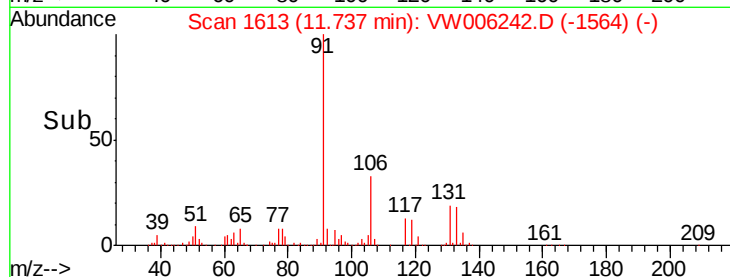
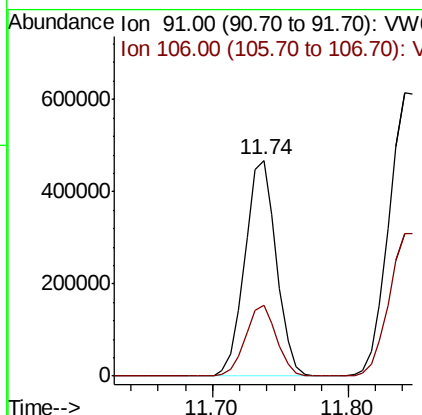
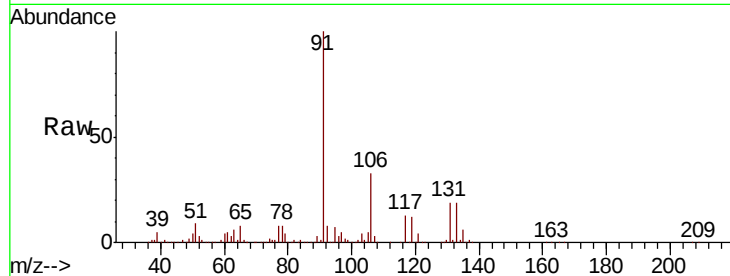




#67  
Ethyl Benzene  
Concen: 52.491 ug/l  
RT: 11.74 min Scan# 1613  
Delta R.T. 0.00 min  
Lab File: VW006242.D  
Acq: 19 Oct 2018 23:05

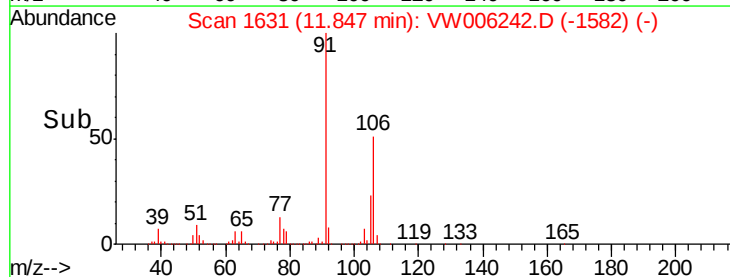
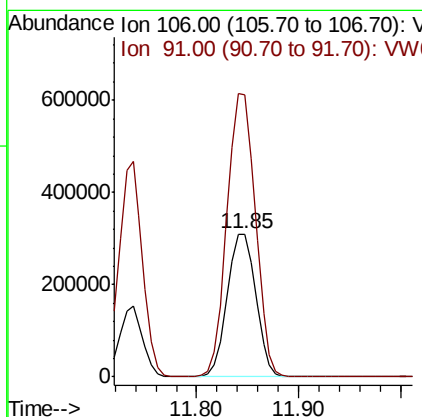
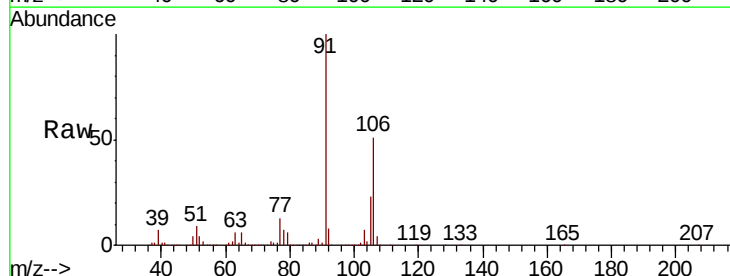
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

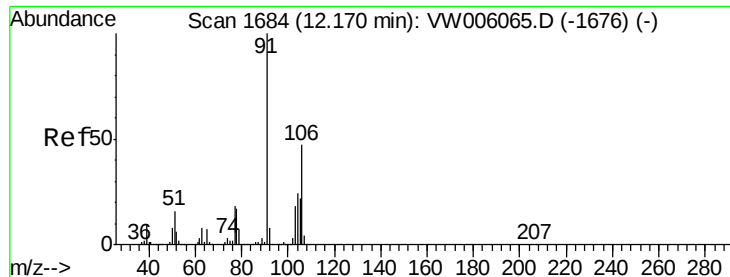
Tot Ion: 91 Resp: 755712  
Ion Ratio Lower Upper  
91 100  
106 32.6 26.1 39.1



#68  
m/p-Xylenes  
Concen: 105.636 ug/l  
RT: 11.85 min Scan# 1631  
Delta R.T. 0.00 min  
Lab File: VW006242.D  
Acq: 19 Oct 2018 23:05

Tgt Ion: 106 Resp: 601115  
Ion Ratio Lower Upper  
106 100  
91 196.9 159.1 238.7

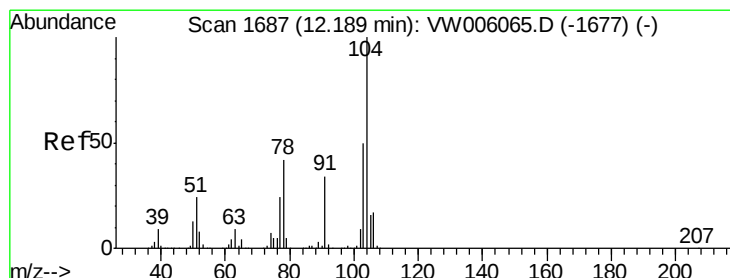
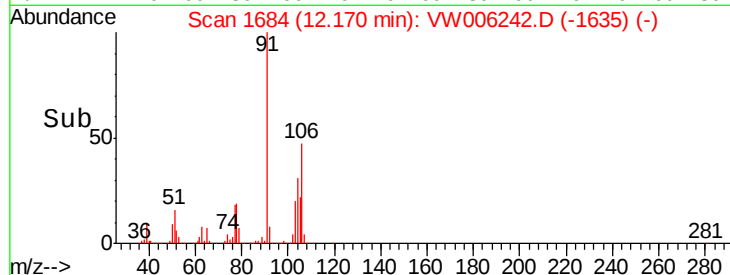
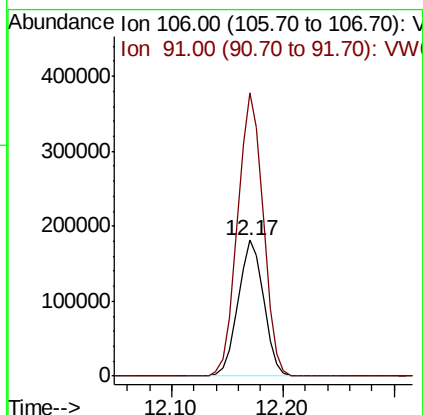
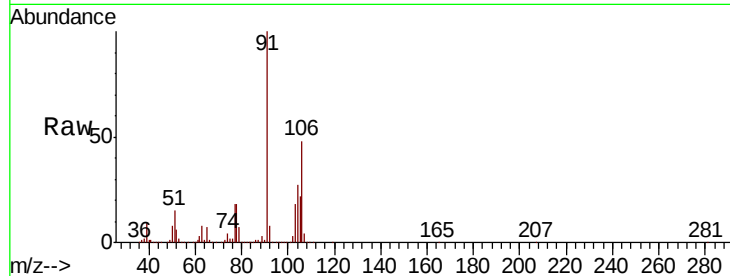




#69  
o-Xylene  
Concen: 53.158 ug/l  
RT: 12.17 min Scan# 1684  
Delta R.T. 0.00 min  
Lab File: VW006242.D  
Acq: 19 Oct 2018 23:05

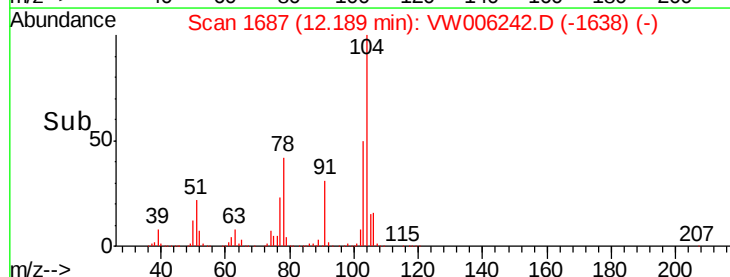
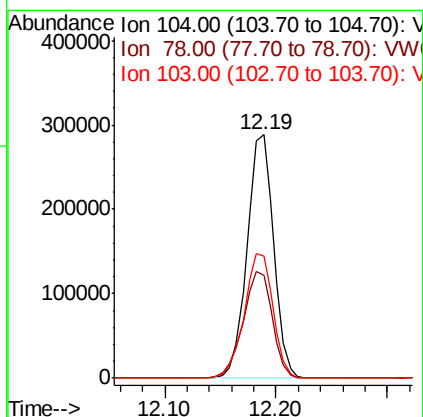
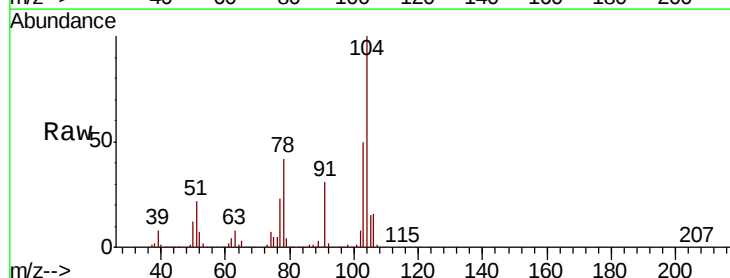
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:106 Resp: 288285  
Ion Ratio Lower Upper  
106 100  
91 208.5 105.4 316.1



#70  
Styrene  
Concen: 54.132 ug/l  
RT: 12.19 min Scan# 1687  
Delta R.T. 0.00 min  
Lab File: VW006242.D  
Acq: 19 Oct 2018 23:05

Tgt Ion:104 Resp: 477382  
Ion Ratio Lower Upper  
104 100  
78 48.1 39.1 58.7  
103 55.5 44.3 66.5





#71

Bromoform

Concen: 50.908 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006242.D

Acq: 19 Oct 2018 23:05

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050EC

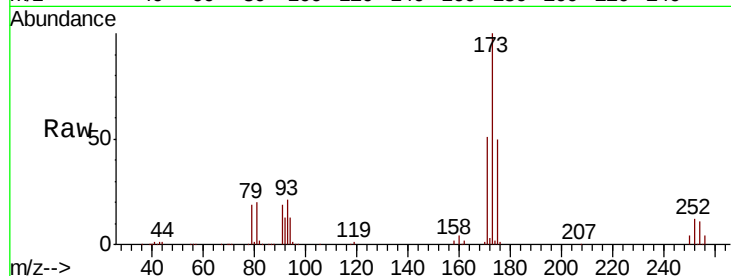
Tot Ion:173 Resp: 83830

Ion Ratio Lower Upper

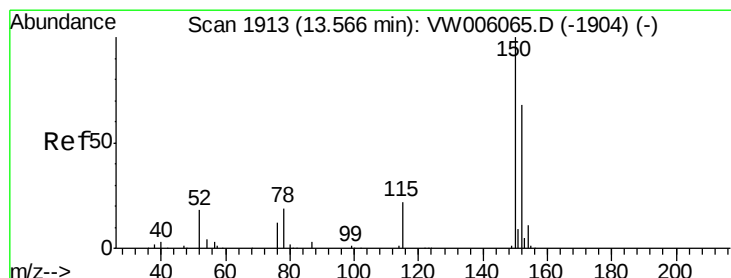
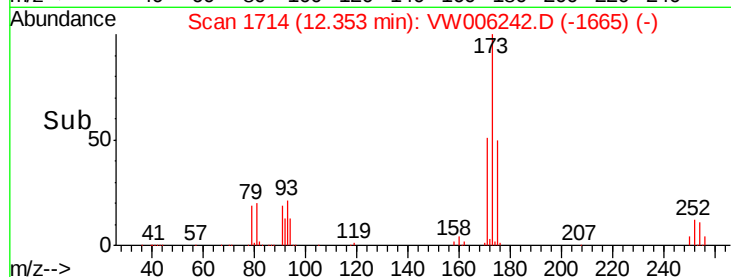
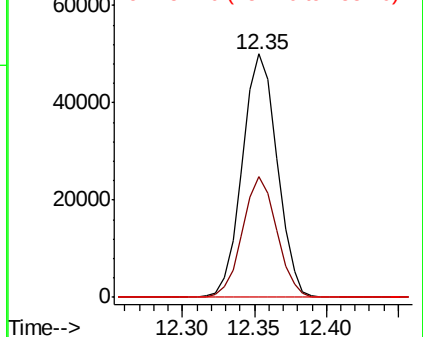
173 100

175 48.9 24.2 72.6

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# 1913

Delta R.T. 0.00 min

Lab File: VW006242.D

Acq: 19 Oct 2018 23:05

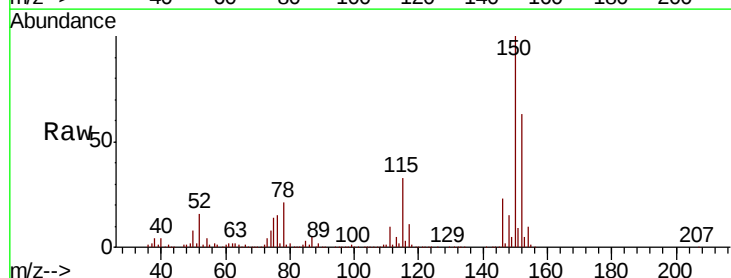
Tgt Ion:152 Resp: 217815

Ion Ratio Lower Upper

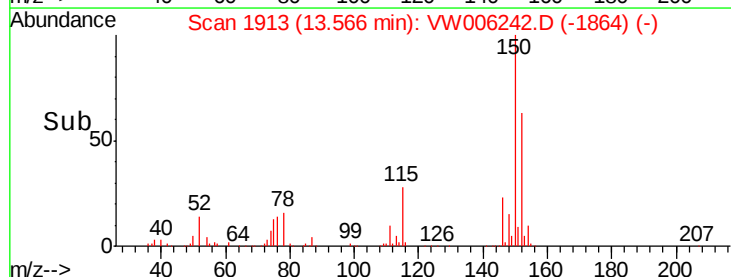
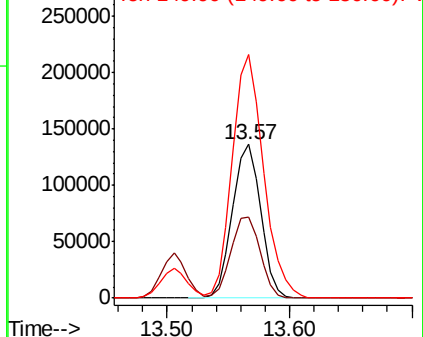
152 100

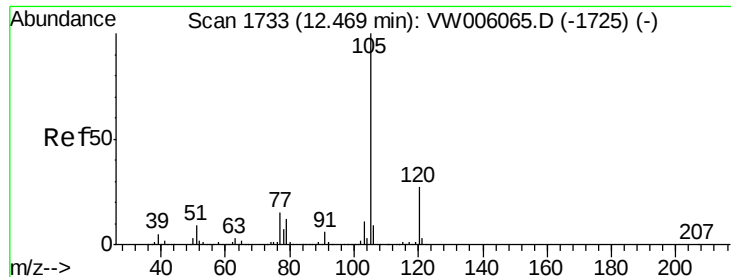
115 54.7 27.8 83.3

150 175.1 0.0 349.2



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





#73

Isopropylbenzene

Concen: 51.998 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006242.D

Acq: 19 Oct 2018 23:05

Instrument :

MSVOA\_W

ClientSampleId :

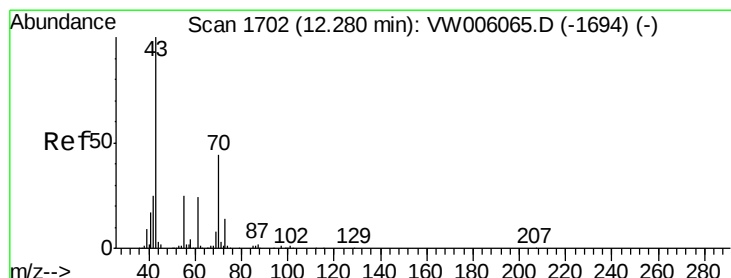
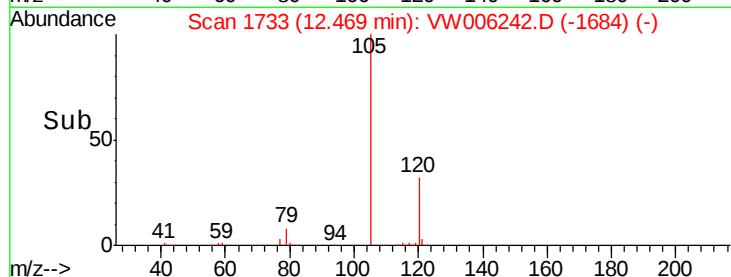
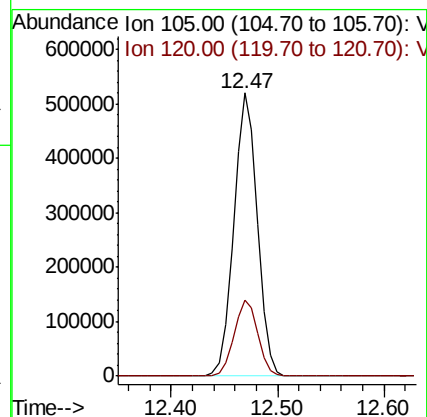
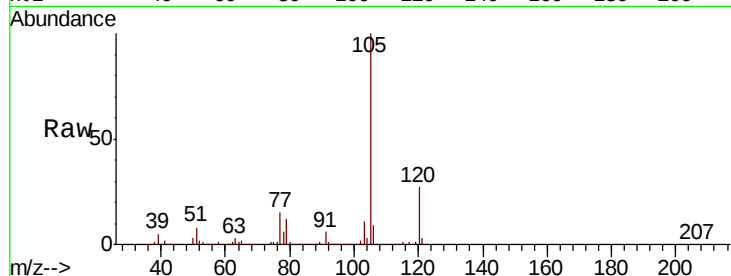
VSTDCCC050EC

Tot Ion:105 Resp: 800146

Ion Ratio Lower Upper

105 100

120 27.3 13.6 40.7



#74

N-ethyl acetate

Concen: 52.373 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006242.D

Acq: 19 Oct 2018 23:05

Tgt Ion: 43 Resp: 156530

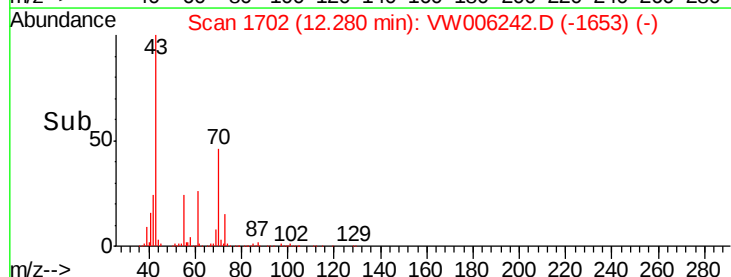
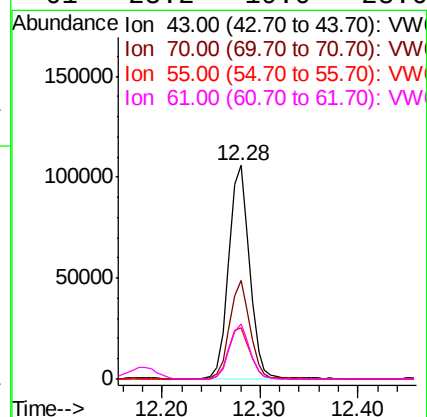
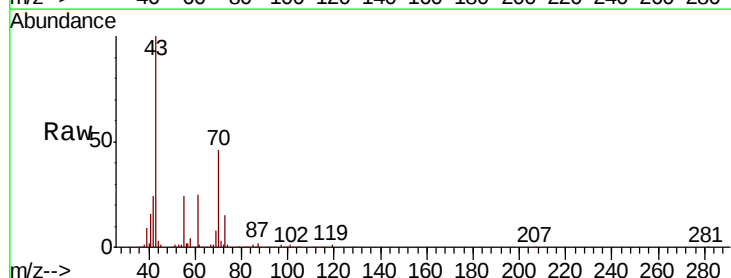
Ion Ratio Lower Upper

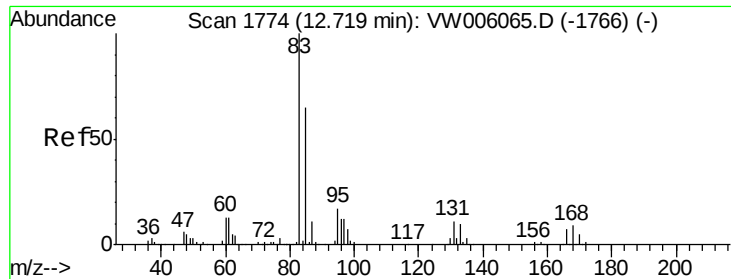
43 100

70 45.2 34.2 51.4

55 24.5 19.2 28.8

61 25.2 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 55.655 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006242.D

Acq: 19 Oct 2018 23:05

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050EC

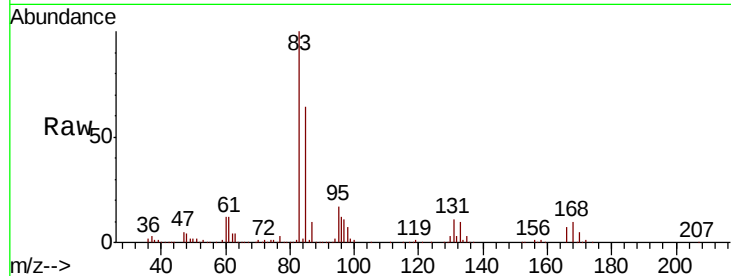
Tot Ion: 83 Resp: 130258

Ion Ratio Lower Upper

83 100

131 12.2 5.9 17.7

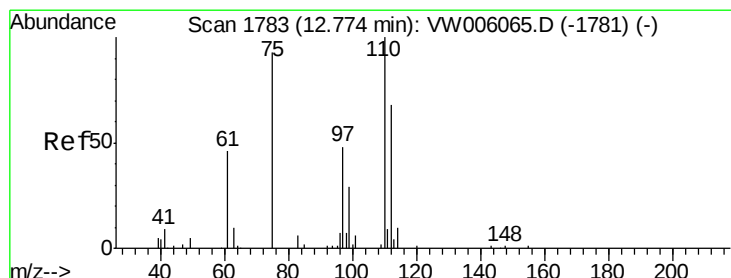
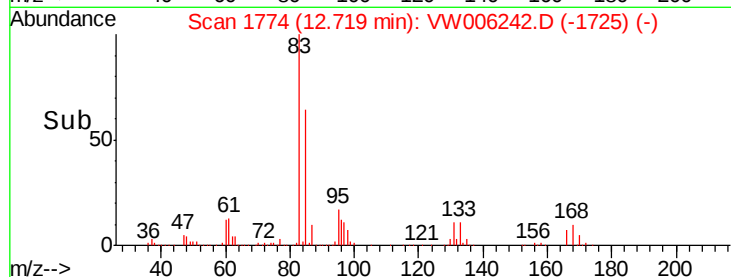
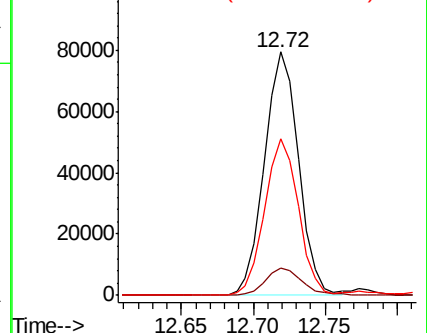
85 63.8 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 98.376 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006242.D

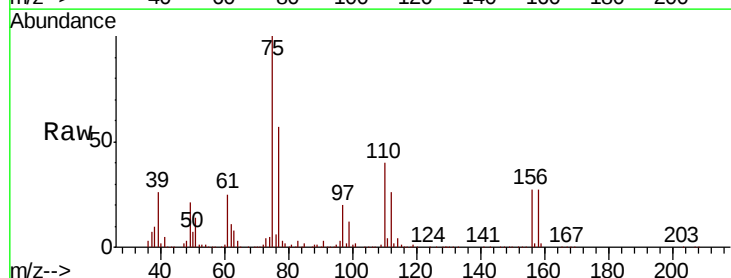
Acq: 19 Oct 2018 23:05

Tgt Ion: 75 Resp: 163666

Ion Ratio Lower Upper

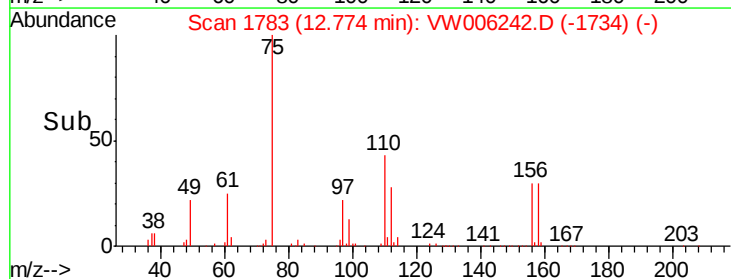
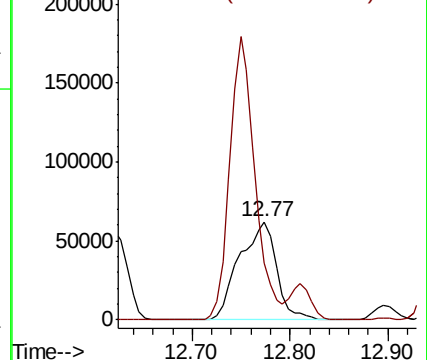
75 100

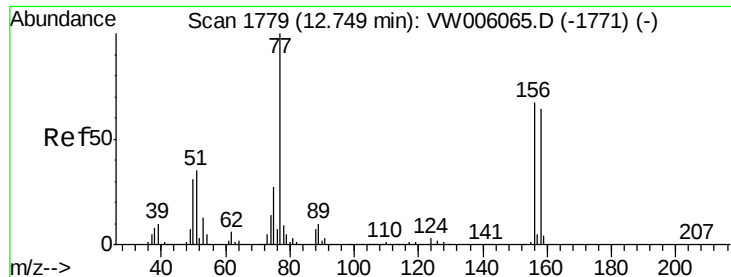
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 54.220 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006242.D

Acq: 19 Oct 2018 23:05

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050EC

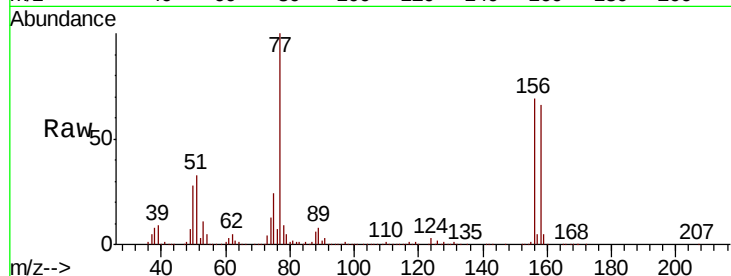
Tot Ion:156 Resp: 204357

Ion Ratio Lower Upper

156 100

77 157.0 79.1 237.4

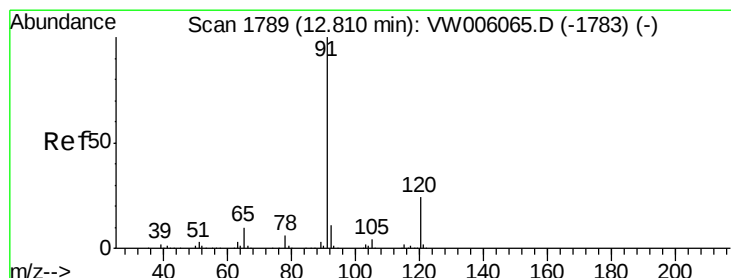
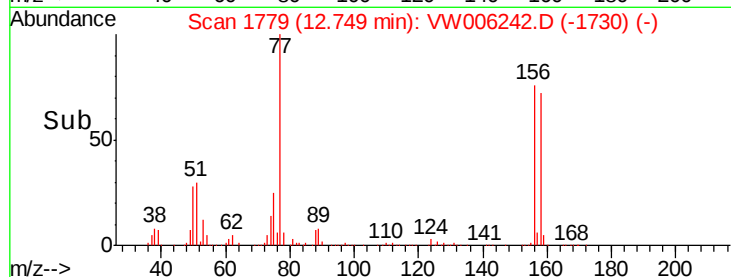
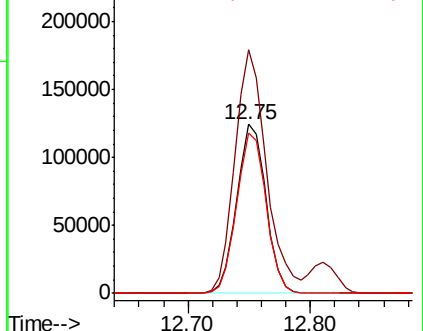
158 96.1 48.5 145.6



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: 51.782 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006242.D

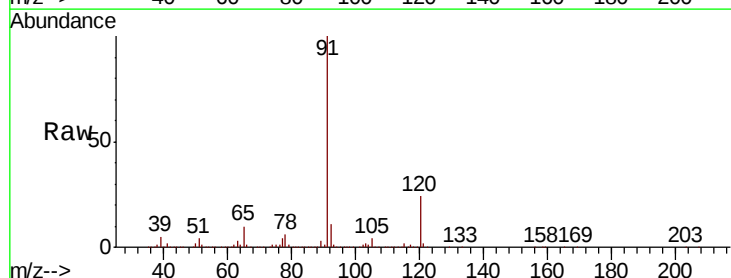
Acq: 19 Oct 2018 23:05

Tgt Ion: 91 Resp: 927039

Ion Ratio Lower Upper

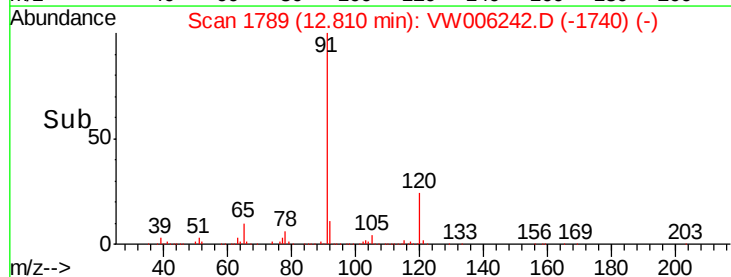
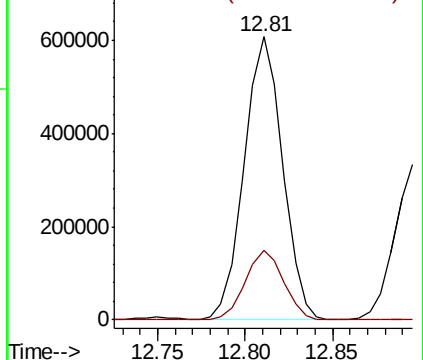
91 100

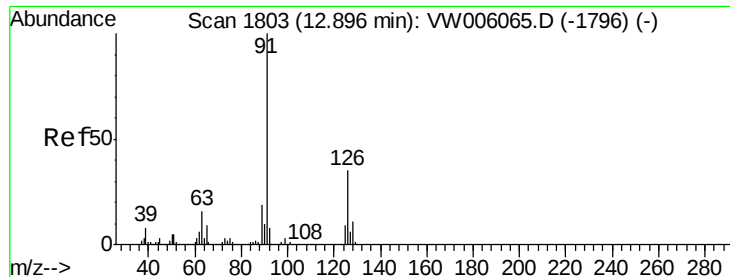
120 24.6 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

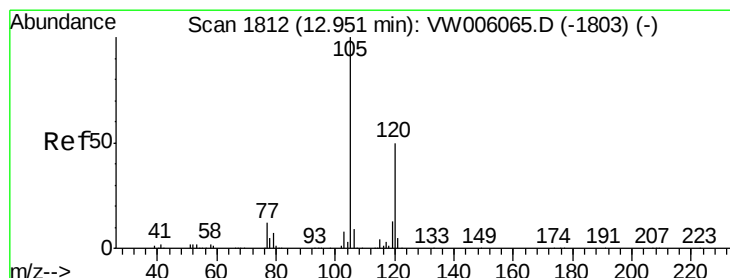
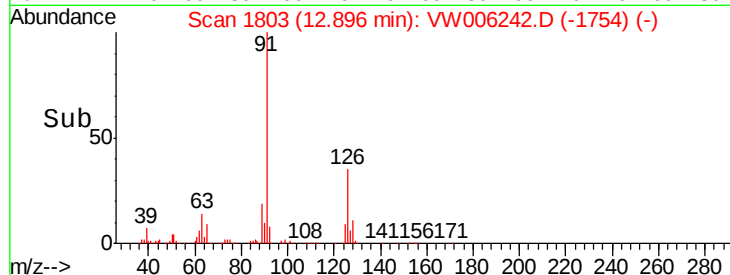
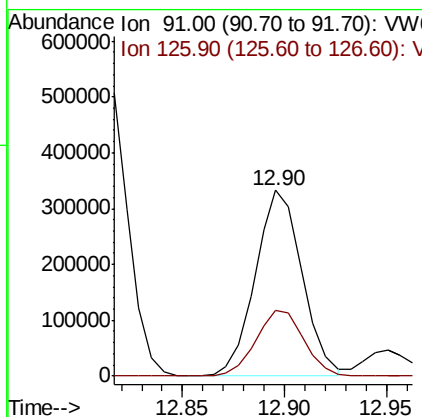
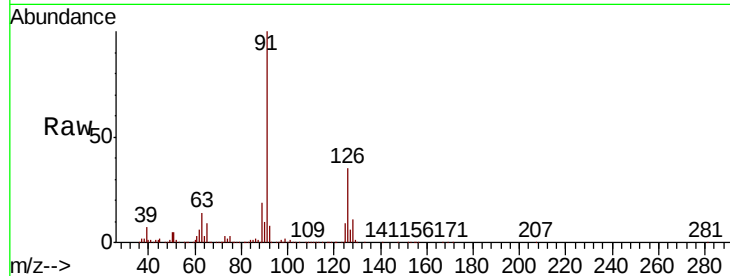




#79  
 2-Chlorotoluene  
 Concen: 52.716 ug/l  
 RT: 12.90 min Scan# 1803  
 Delta R.T. 0.00 min  
 Lab File: VW006242.D  
 Acq: 19 Oct 2018 23:05

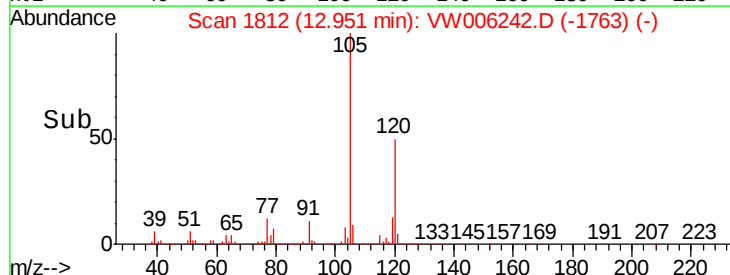
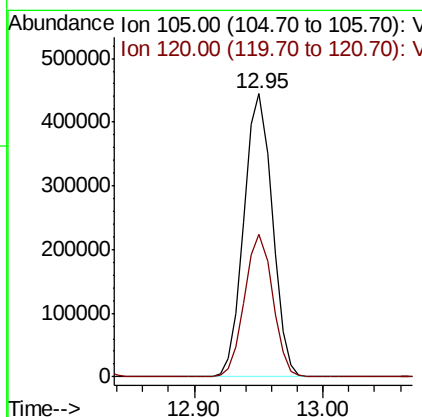
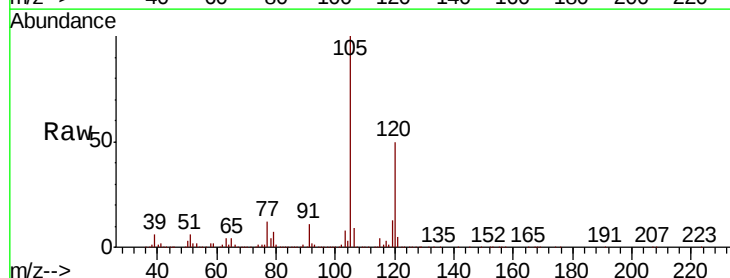
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 91 Resp: 530261  
 Ion Ratio Lower Upper  
 91 100  
 126 36.2 17.9 53.8



#80  
 1,3,5-Trimethylbenzene  
 Concen: 52.250 ug/l  
 RT: 12.95 min Scan# 1812  
 Delta R.T. 0.00 min  
 Lab File: VW006242.D  
 Acq: 19 Oct 2018 23:05

Tgt Ion: 105 Resp: 677806  
 Ion Ratio Lower Upper  
 105 100  
 120 49.8 24.9 74.6

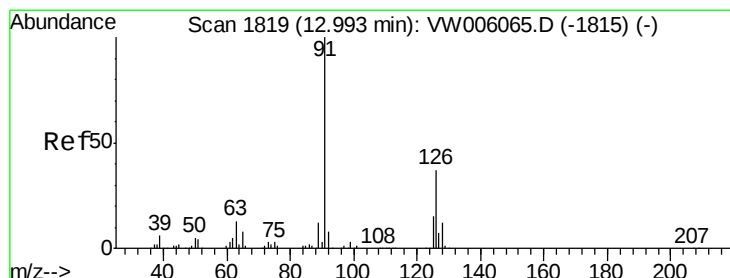
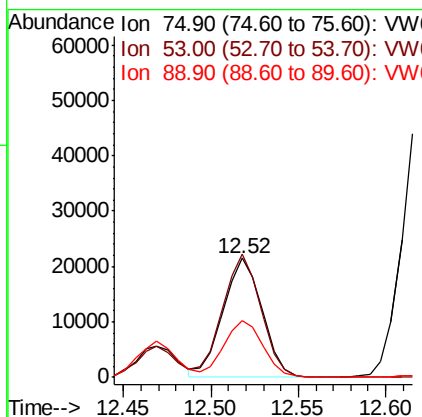
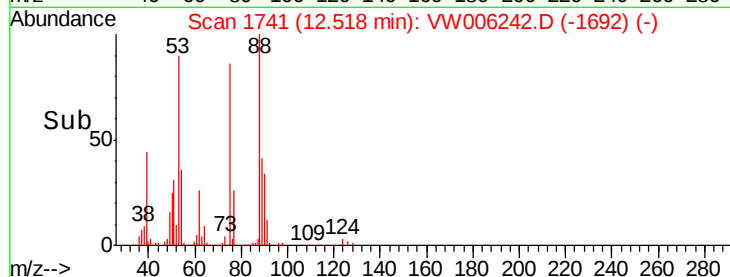
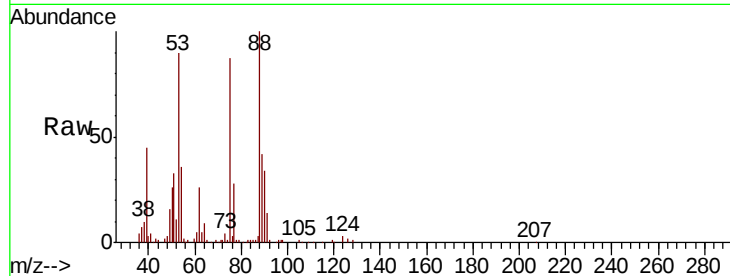




#81  
trans-1,4-Dichloro-2-butene  
Concen: 48.165 ug/l  
RT: 12.52 min Scan# 1741  
Delta R.T. 0.00 min  
Lab File: VW006242.D  
Acq: 19 Oct 2018 23:05

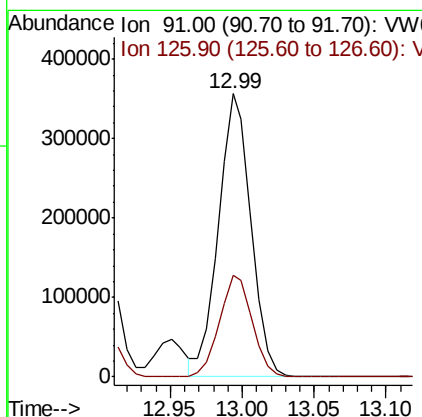
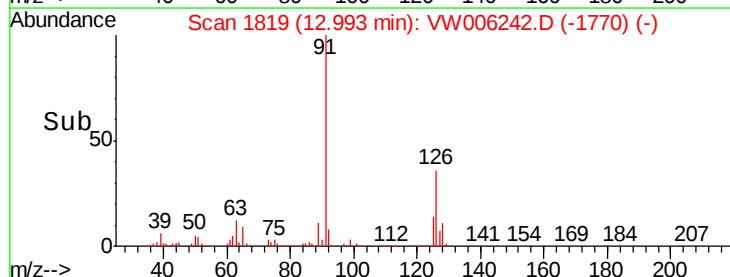
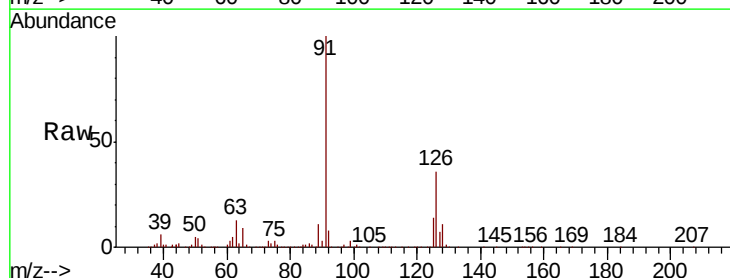
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

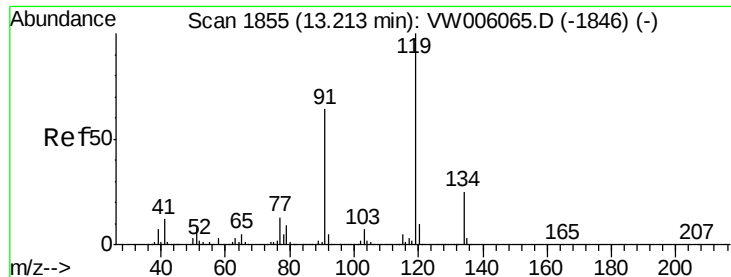
Tot Ion: 75 Resp: 33522  
Ion Ratio Lower Upper  
75 100  
53 100.4 79.8 119.6  
89 47.0 37.5 56.3



#82  
4-Chlorotoluene  
Concen: 53.296 ug/l  
RT: 12.99 min Scan# 1819  
Delta R.T. 0.00 min  
Lab File: VW006242.D  
Acq: 19 Oct 2018 23:05

Tgt Ion: 91 Resp: 561575  
Ion Ratio Lower Upper  
91 100  
126 36.4 18.1 54.3

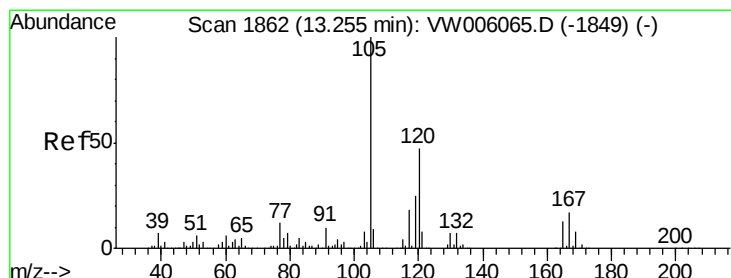
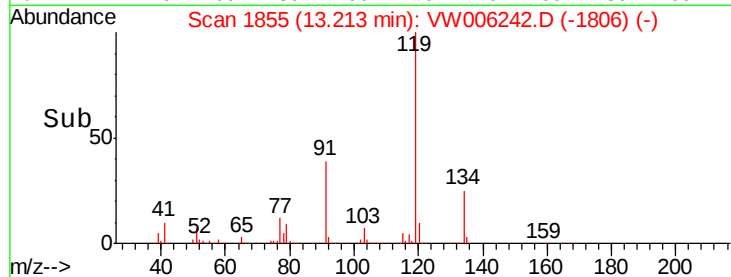
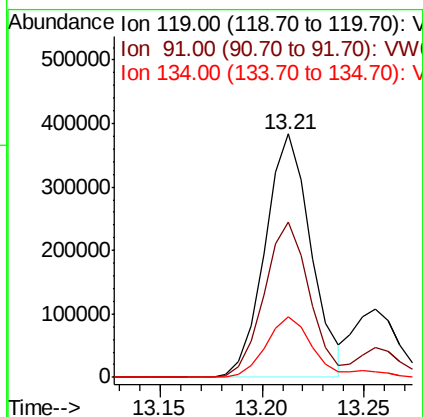
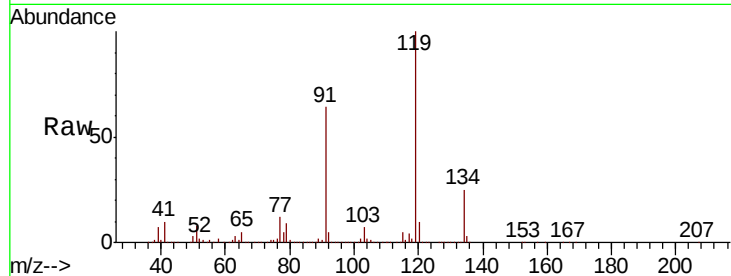




#83  
tert-Butylbenzene  
Concen: 51.965 ug/l  
RT: 13.21 min Scan# 1855  
Delta R.T. 0.00 min  
Lab File: VW006242.D  
Acq: 19 Oct 2018 23:05

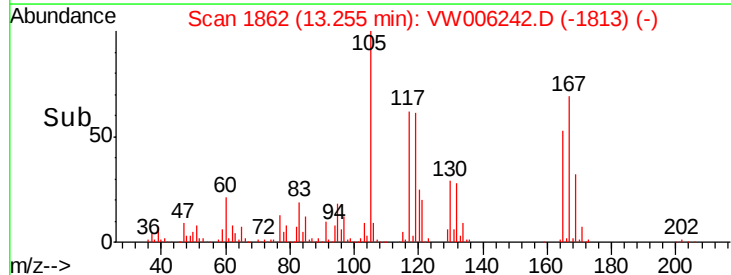
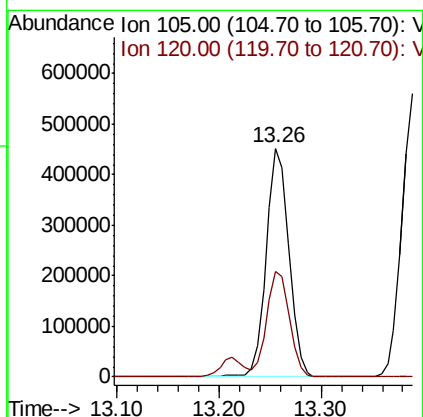
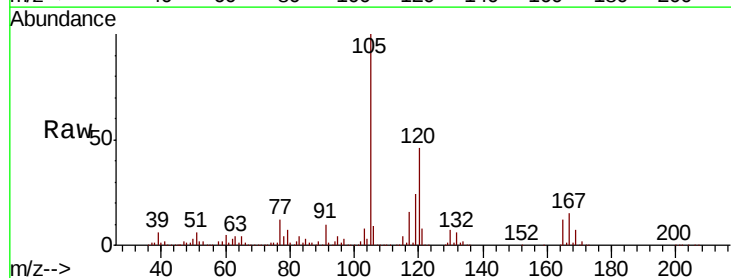
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

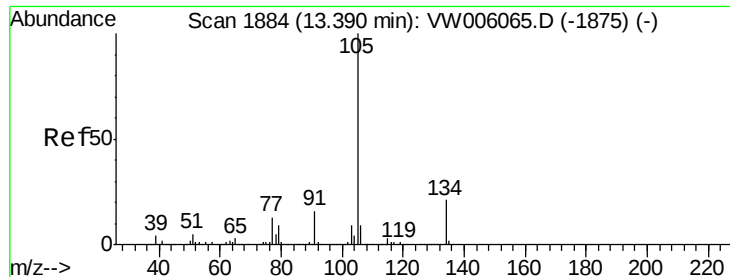
Tot Ion:119 Resp: 603131  
Ion Ratio Lower Upper  
119 100  
91 62.5 32.3 96.9  
134 24.9 13.6 40.8



#84  
1,2,4-Trimethylbenzene  
Concen: 52.918 ug/l  
RT: 13.26 min Scan# 1862  
Delta R.T. 0.00 min  
Lab File: VW006242.D  
Acq: 19 Oct 2018 23:05

Tgt Ion:105 Resp: 694653  
Ion Ratio Lower Upper  
105 100  
120 46.2 23.1 69.3





#85

sec-Butylbenzene

Concen: 51.658 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006242.D

Acq: 19 Oct 2018 23:05

Instrument :

MSVOA\_W

ClientSampleId :

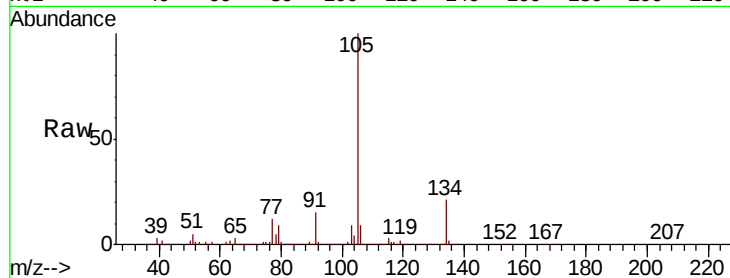
VSTDCCC050EC

Tot Ion:105 Resp: 847020

Ion Ratio Lower Upper

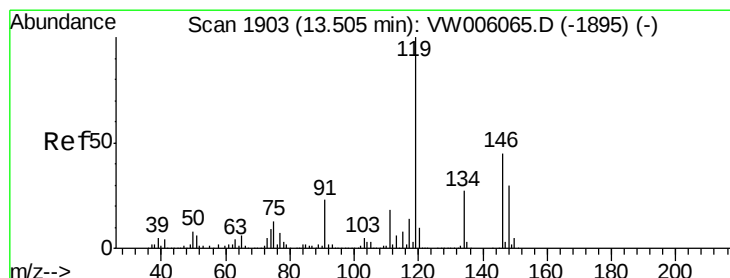
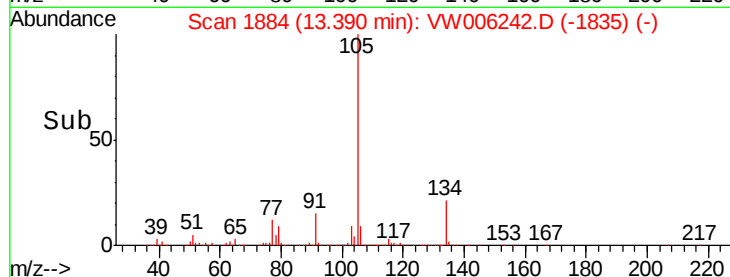
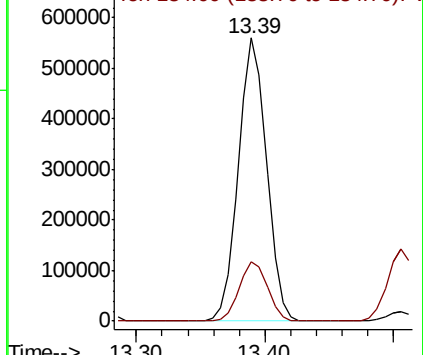
105 100

134 21.3 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.166 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006242.D

Acq: 19 Oct 2018 23:05

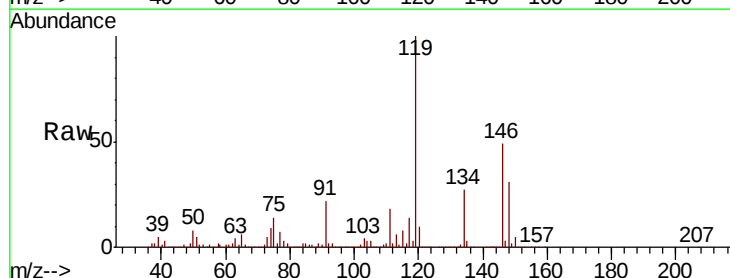
Tgt Ion:119 Resp: 773666

Ion Ratio Lower Upper

119 100

134 27.4 13.4 40.2

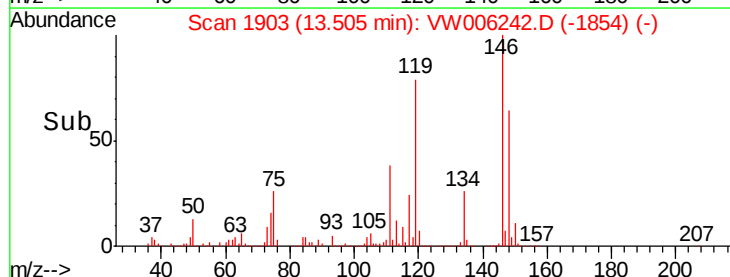
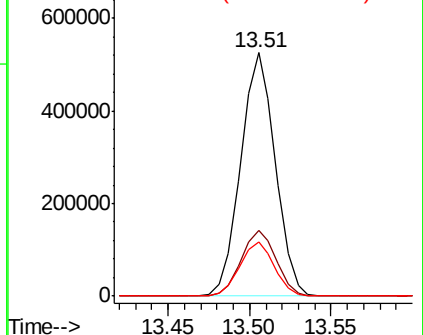
91 22.3 11.4 34.1

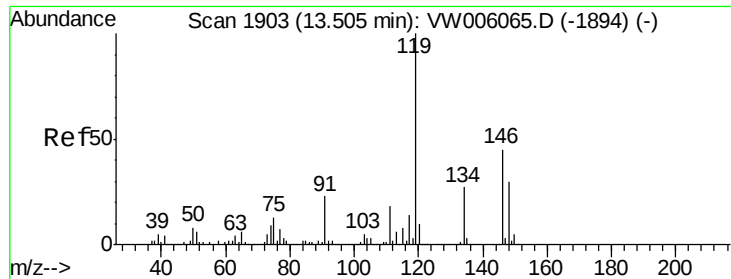


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 53.473 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

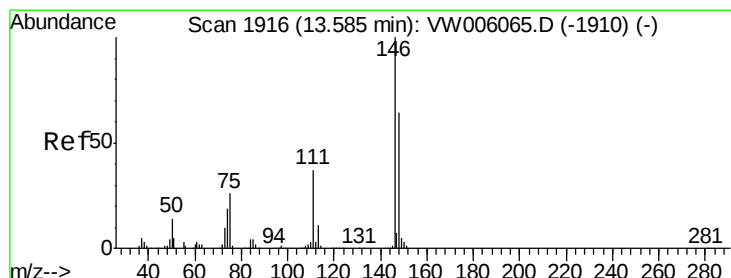
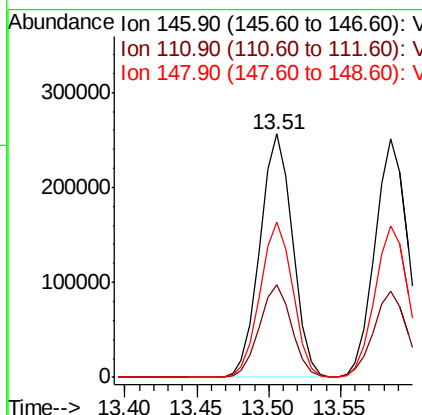
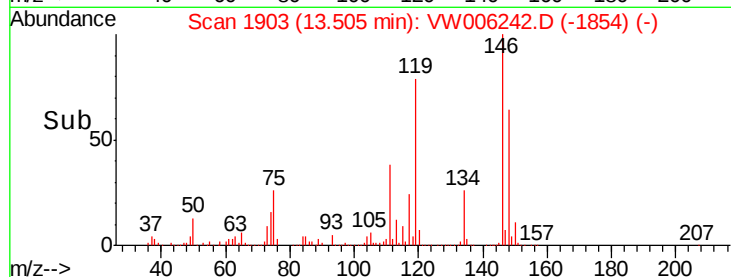
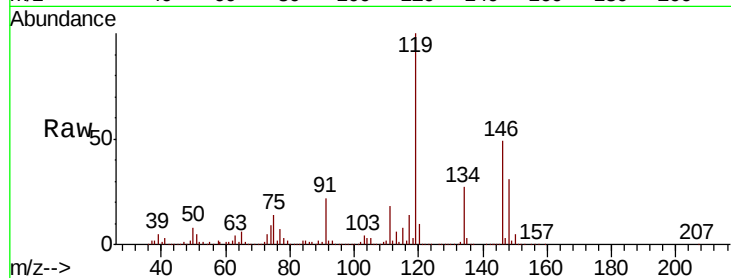
Lab File: VW006242.D

Acq: 19 Oct 2018 23:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:146 Resp: 401101

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 37.6  | 19.1  | 57.5  |
| 148 | 64.0  | 32.0  | 96.2  |



#88

1,4-Dichlorobenzene

Concen: 52.885 ug/l

RT: 13.58 min Scan# 1916

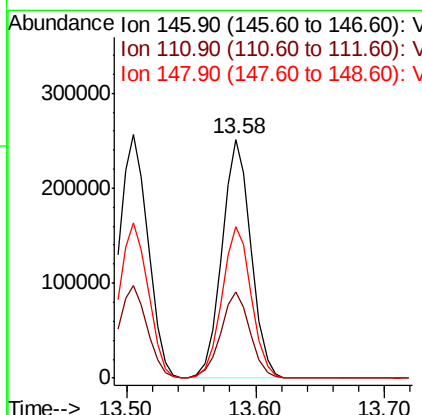
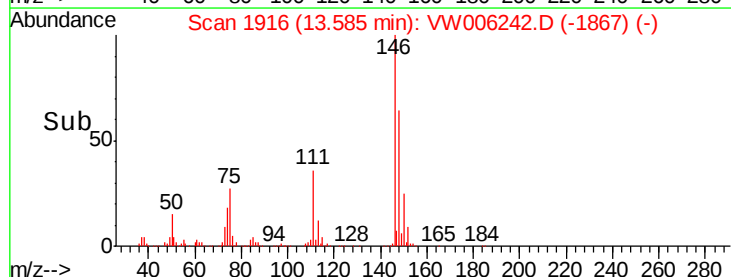
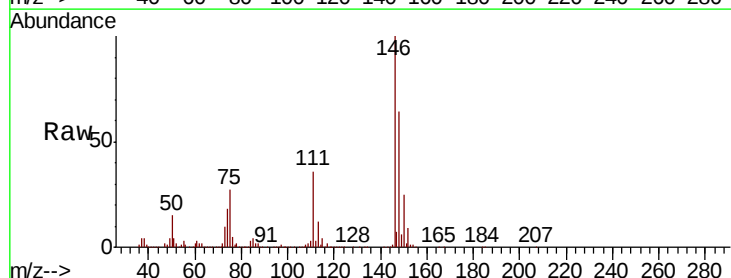
Delta R.T. 0.00 min

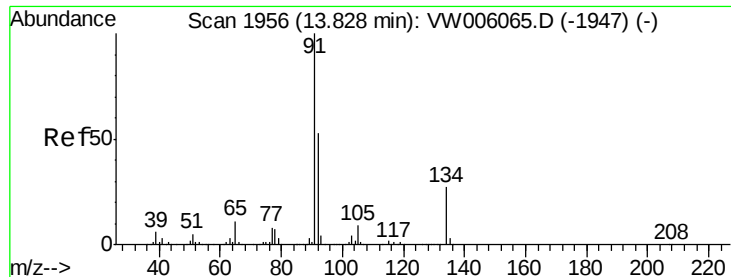
Lab File: VW006242.D

Acq: 19 Oct 2018 23:05

Tgt Ion:146 Resp: 394968

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 36.5  | 18.6  | 56.0  |
| 148 | 64.2  | 32.1  | 96.5  |





#89

n-Butylbenzene

Concen: 51.826 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006242.D

Acq: 19 Oct 2018 23:05

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050EC

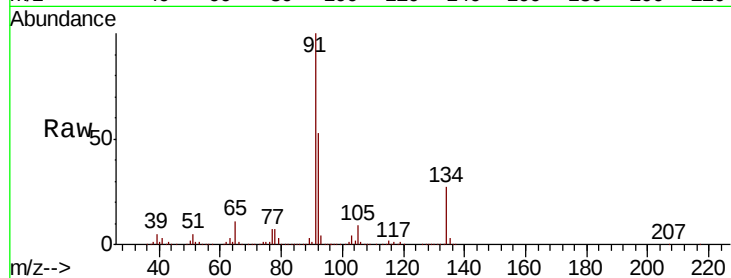
Tot Ion: 91 Resp: 702934

Ion Ratio Lower Upper

91 100

92 52.6 26.6 79.7

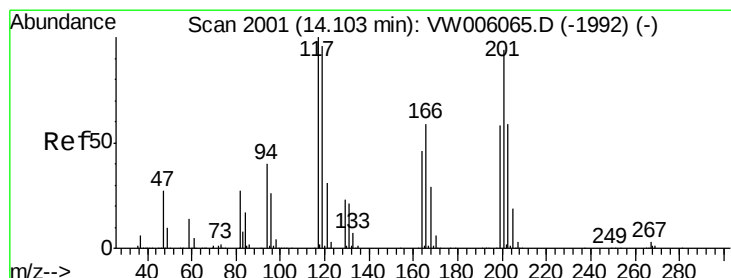
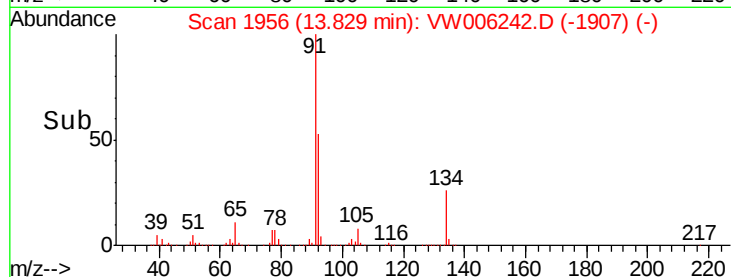
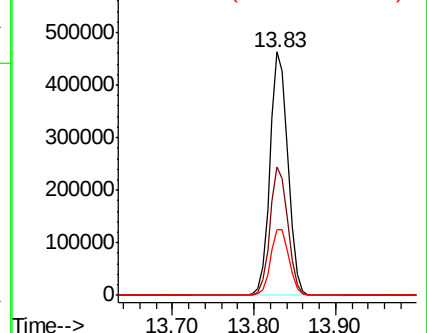
134 27.9 14.0 41.9



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: 48.758 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: VW006242.D

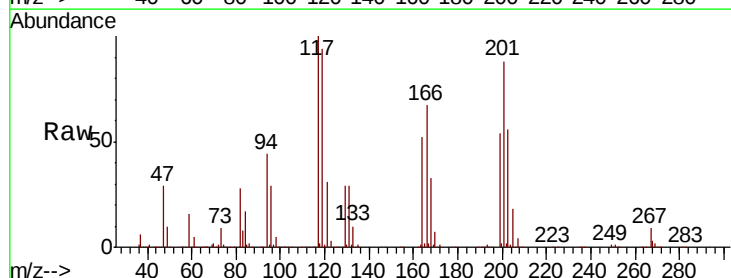
Acq: 19 Oct 2018 23:05

Tgt Ion: 117 Resp: 122486

Ion Ratio Lower Upper

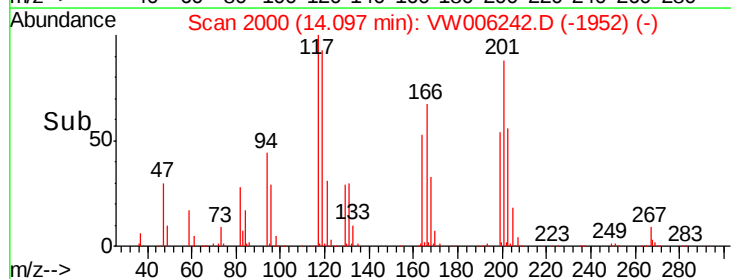
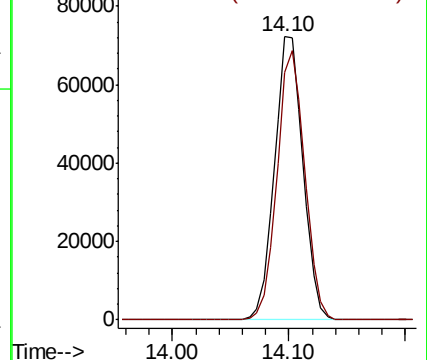
117 100

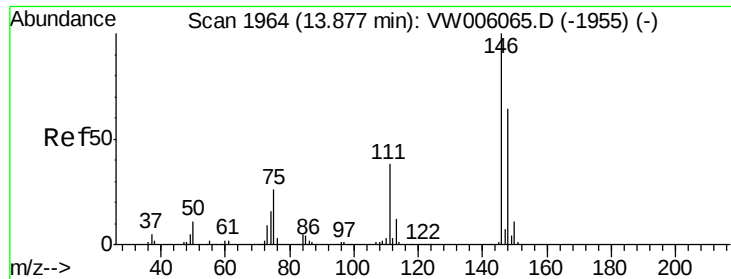
201 92.1 45.3 135.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 53.759 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006242.D

Acq: 19 Oct 2018 23:05

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050EC

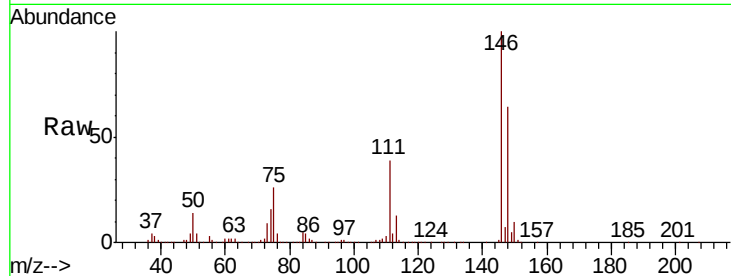
Tot Ion:146 Resp: 359693

Ion Ratio Lower Upper

146 100

111 39.0 19.6 58.7

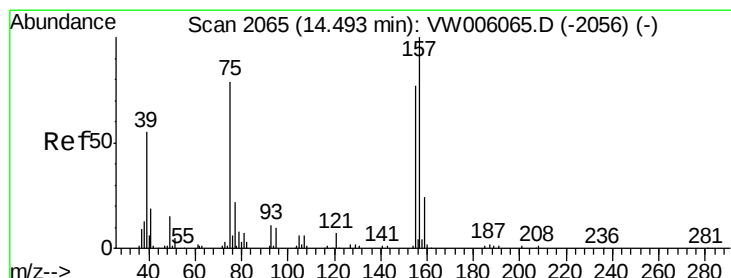
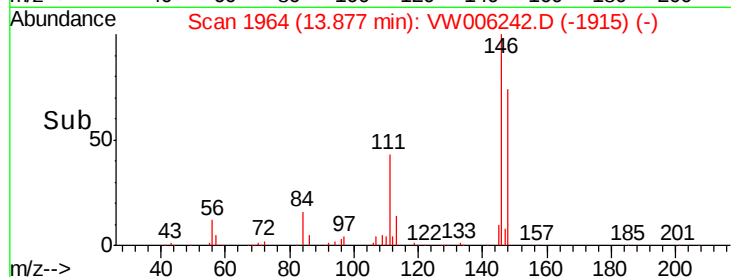
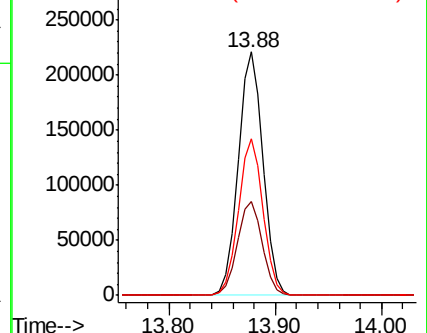
148 63.8 32.2 96.6



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: 51.008 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW006242.D

Acq: 19 Oct 2018 23:05

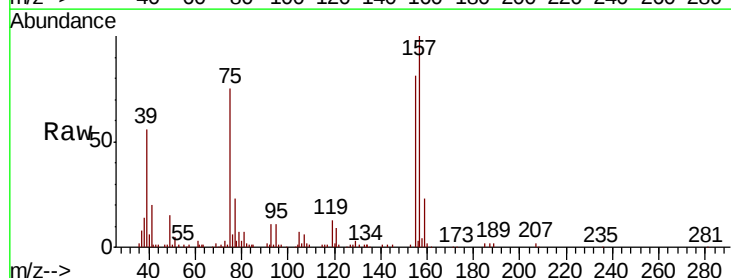
Tgt Ion: 75 Resp: 21374

Ion Ratio Lower Upper

75 100

155 99.6 46.5 139.5

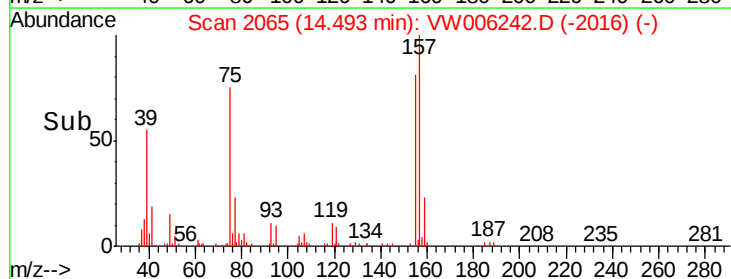
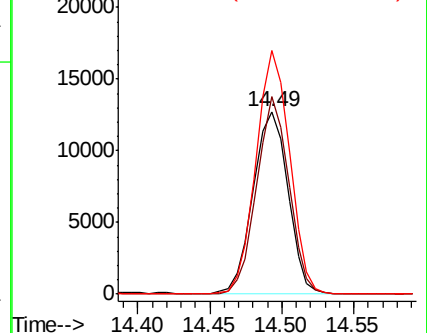
157 128.5 59.8 179.4

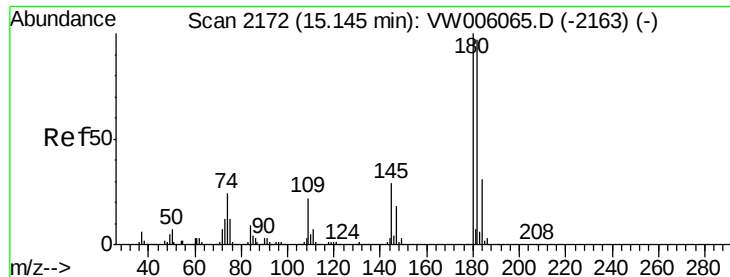


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

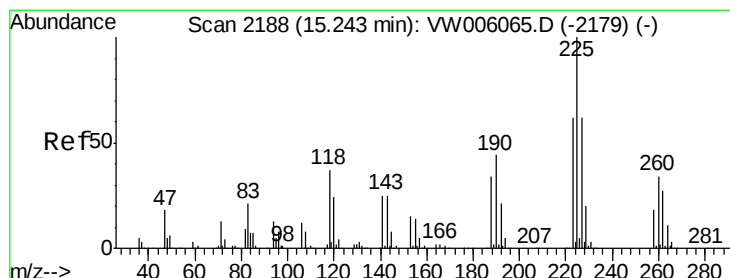
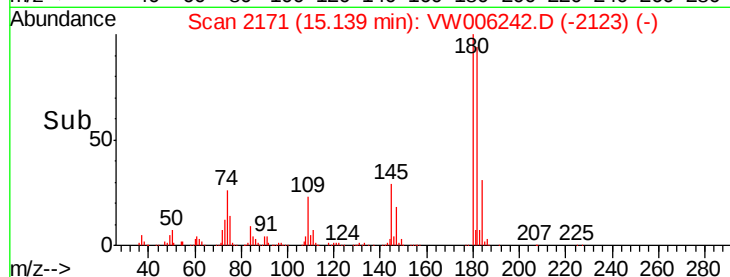
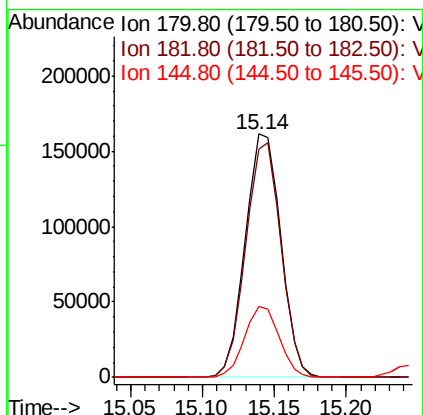
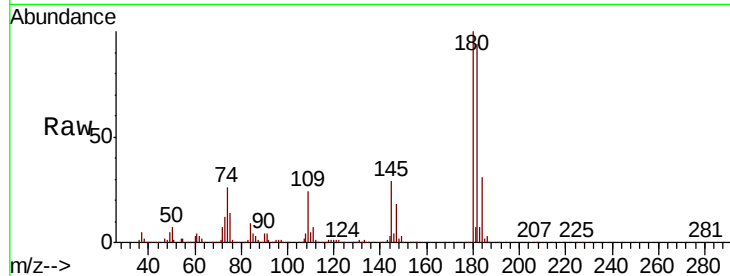




#93  
 1,2,4-Trichlorobenzene  
 Concen: 53.656 ug/l  
 RT: 15.14 min Scan# 2171  
 Delta R.T. -0.01 min  
 Lab File: VW006242.D  
 Acq: 19 Oct 2018 23:05

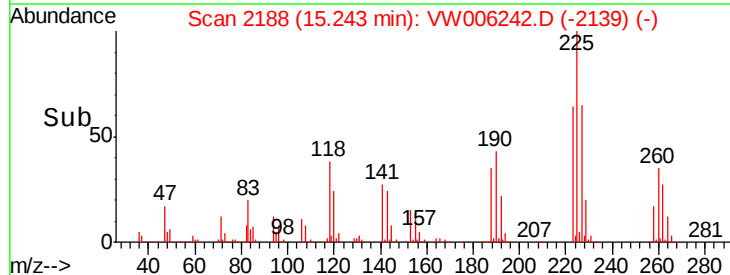
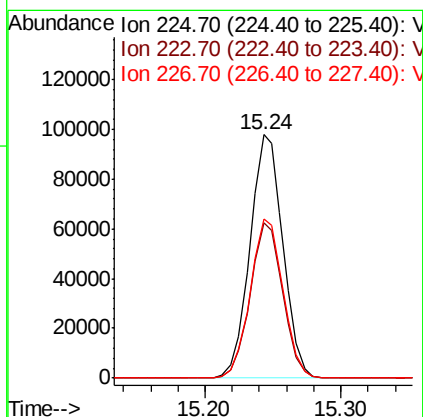
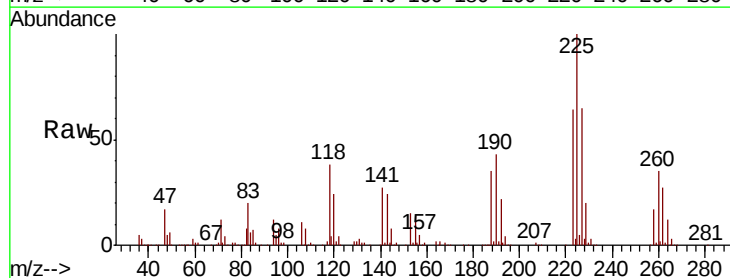
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

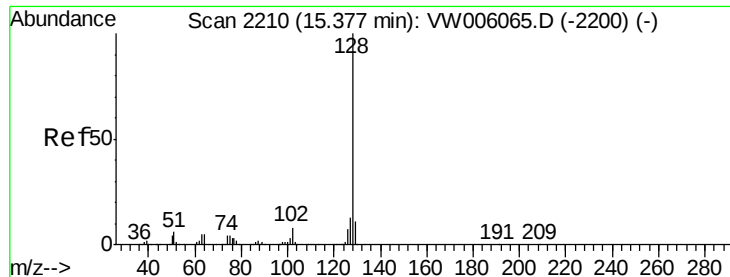
Tot Ion:180 Resp: 276233  
 Ion Ratio Lower Upper  
 180 100  
 182 95.2 47.9 143.6  
 145 28.6 14.2 42.8



#94  
 Hexachlorobutadiene  
 Concen: 51.314 ug/l  
 RT: 15.24 min Scan# 2188  
 Delta R.T. 0.00 min  
 Lab File: VW006242.D  
 Acq: 19 Oct 2018 23:05

Tgt Ion:225 Resp: 165954  
 Ion Ratio Lower Upper  
 225 100  
 223 62.9 31.1 93.5  
 227 65.1 32.4 97.0

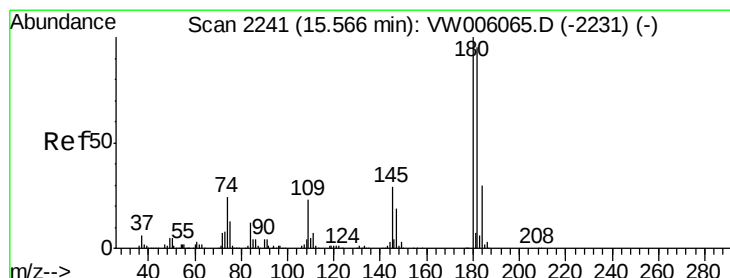
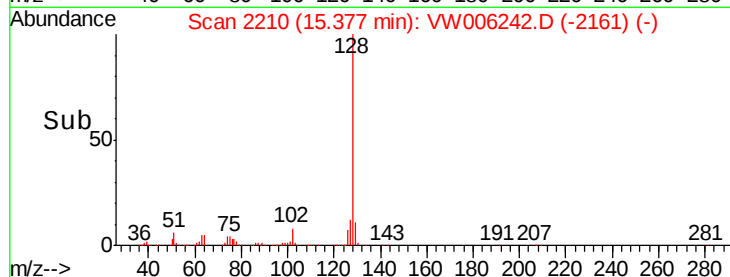
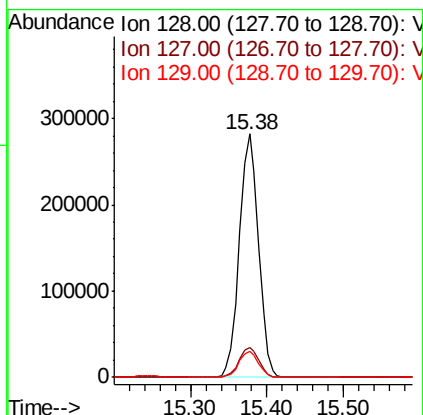
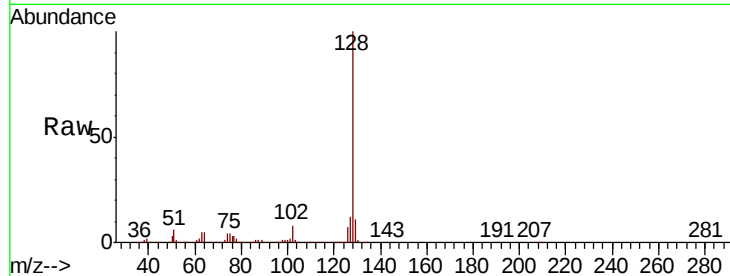




#95  
Naphthalene  
Concen: 56.993 ug/l  
RT: 15.38 min Scan# 2210  
Delta R.T. 0.00 min  
Lab File: VW006242.D  
Acq: 19 Oct 2018 23:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:128 Resp: 488092  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.3 15.5  
129 11.0 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 54.972 ug/l  
RT: 15.57 min Scan# 2241  
Delta R.T. 0.00 min  
Lab File: VW006242.D  
Acq: 19 Oct 2018 23:05

Tgt Ion:180 Resp: 244788  
Ion Ratio Lower Upper  
180 100  
182 94.7 47.8 143.3  
145 30.1 15.0 45.1

