

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW111218\  
 Data File : VW006828.D  
 Acq On : 13 Nov 2018 02:18  
 Operator : SY/AP  
 Sample : J5908-27  
 Misc : 2.83G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 SR-6-S

Quant Time: Nov 13 04:05:28 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W111218S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 12 14:58:58 2018  
 Response via : Initial Calibration

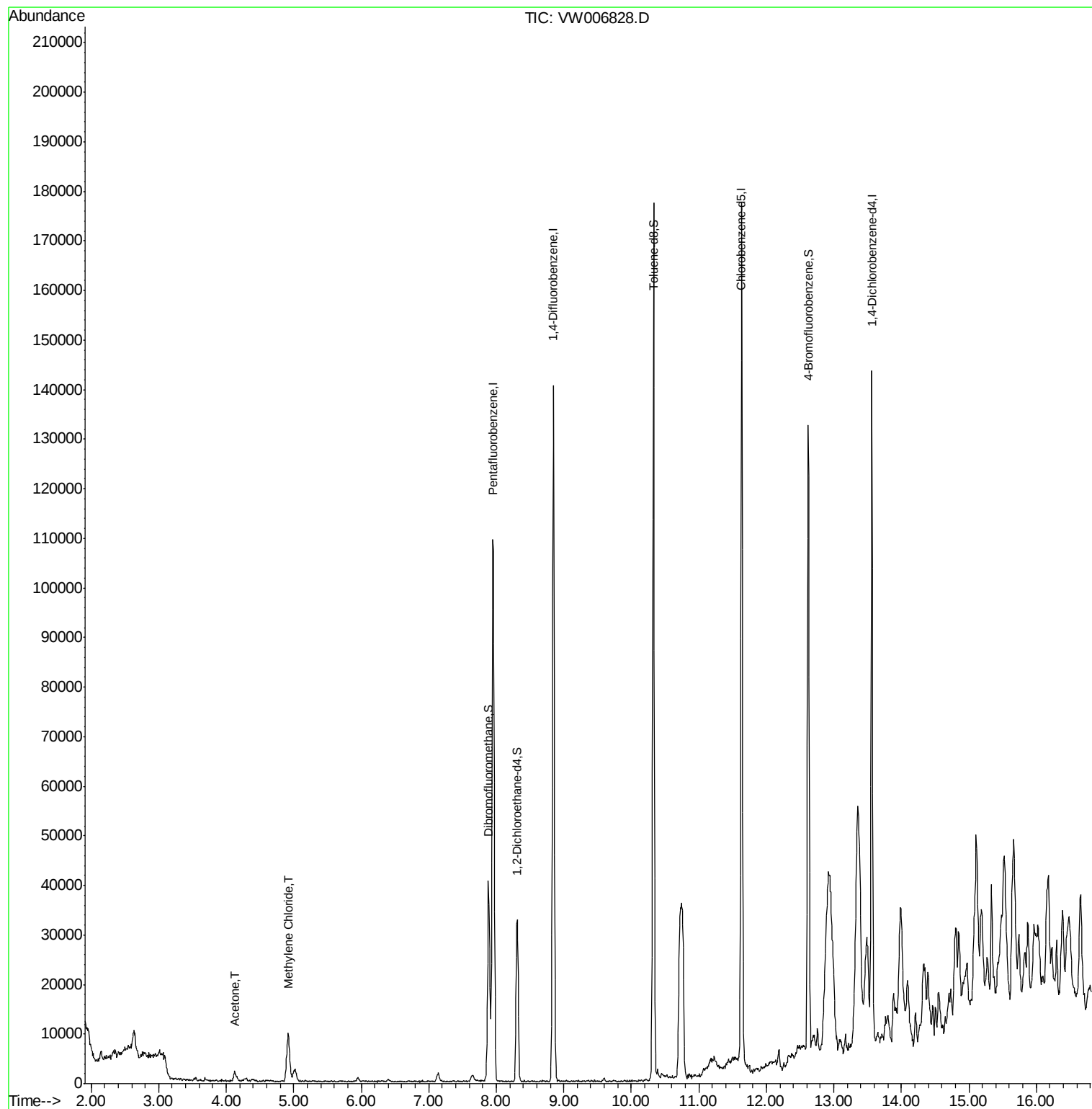
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) Pentafluorobenzene       | 7.96  | 168  | 93242    | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.85  | 114  | 125293   | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 102433   | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.57 | 152  | 39716    | 50.00  | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 26534    | 38.93  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 77.86% |          |
| 35) Dibromofluoromethane    | 7.89  | 113  | 28991    | 38.86  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 77.72% |          |
| 50) Toluene-d8              | 10.33 | 98   | 120219   | 38.88  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 77.76% |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 33318    | 29.25  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 58.50% |          |
| Target Compounds            |       |      |          |        |        |          |
| 16) Acetone                 | 4.13  | 43   | 3159     | 32.271 | ug/l   | 98       |
| 20) Methylene Chloride      | 4.92  | 84   | 7921     | 4.118  | ug/l   | 97       |

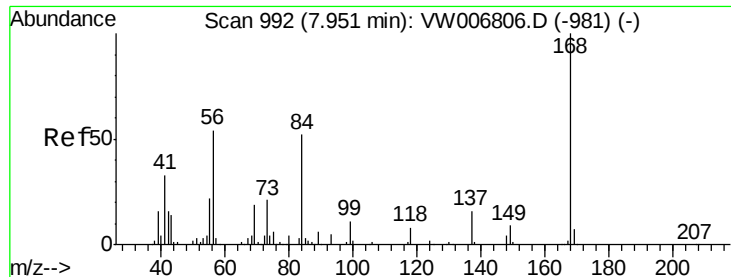
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW111218\  
Data File : VW006828.D  
Acq On : 13 Nov 2018 02:18  
Operator : SY/AP  
Sample : J5908-27  
Misc : 2.83G/5ML/MSVOA\_W/SOIL  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
SR-6-S

Quant Time: Nov 13 04:05:28 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W111218S.M  
Quant Title : SW846 8260  
QLast Update : Mon Nov 12 14:58:58 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW006828.D

Acq: 13 Nov 2018 02:18

Instrument :

MSVOA\_W

ClientSampleId :

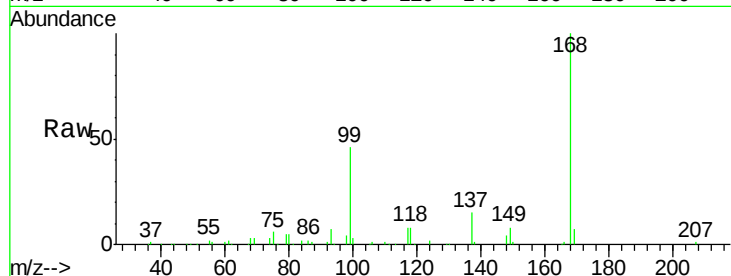
SR-6-S

Tgt Ion:168 Resp: 93242

Ion Ratio Lower Upper

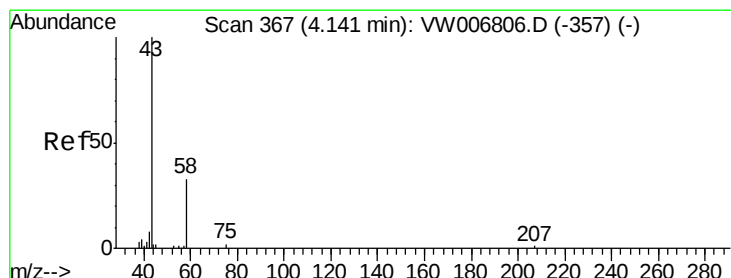
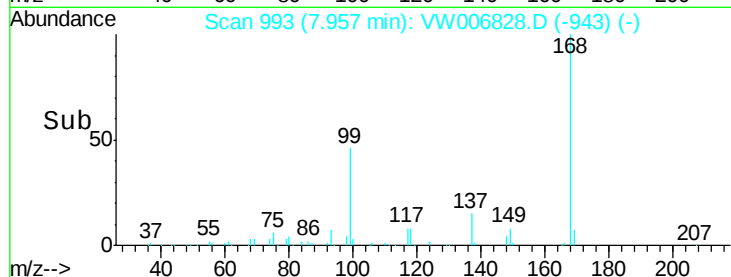
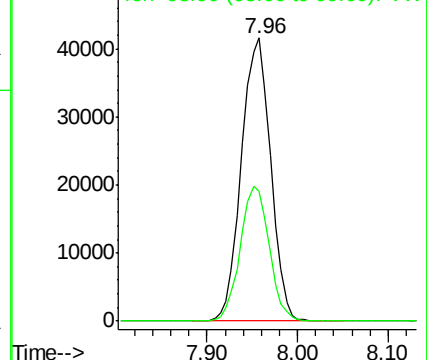
168 100

99 45.7 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 32.271 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW006828.D

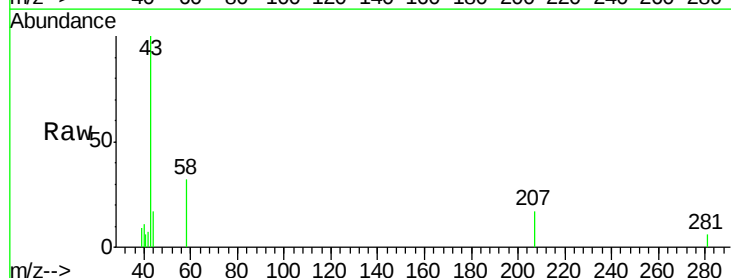
Acq: 13 Nov 2018 02:18

Tgt Ion: 43 Resp: 3159

Ion Ratio Lower Upper

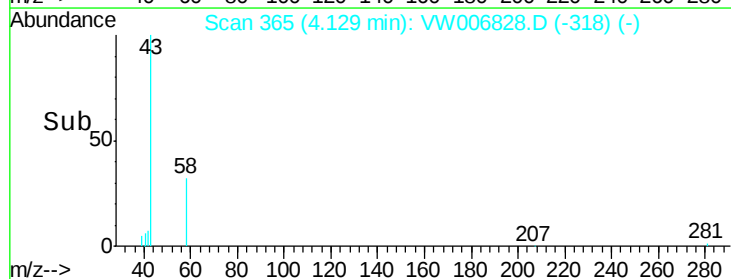
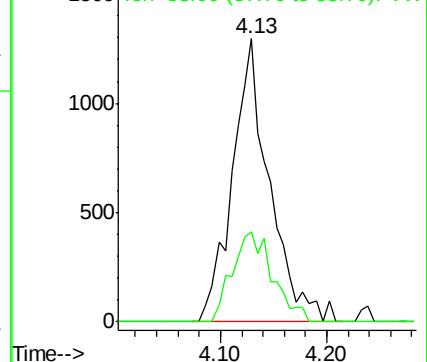
43 100

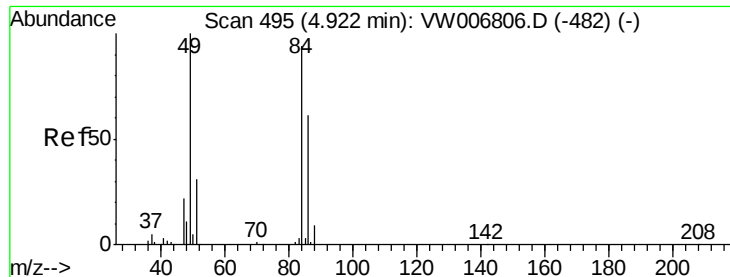
58 31.8 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

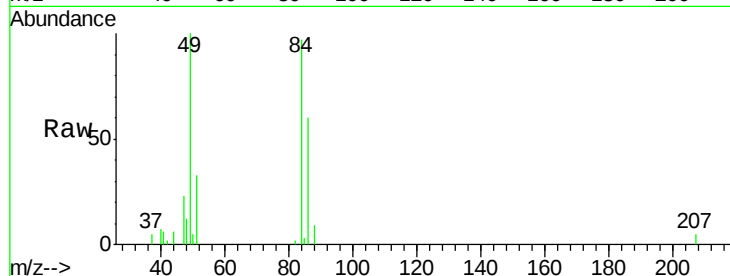




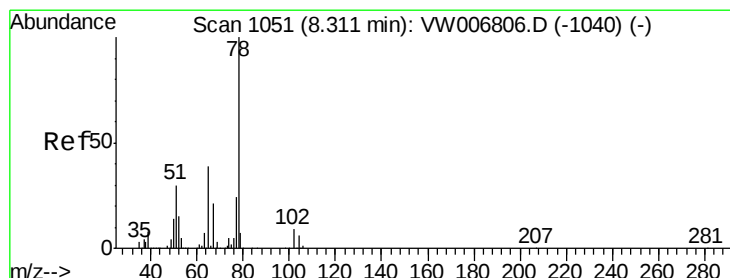
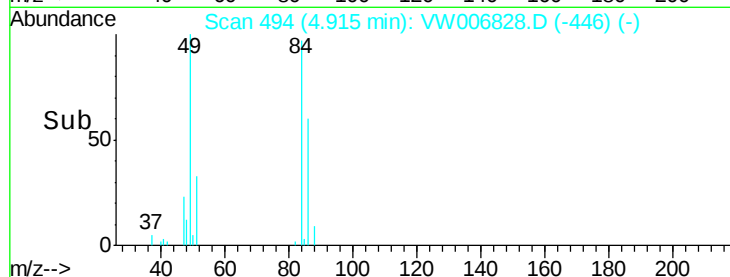
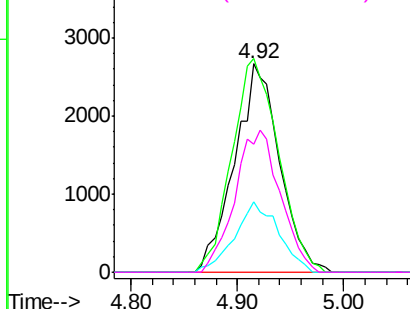
#20  
Methylene Chloride  
Concen: 4.118 ug/l  
RT: 4.92 min Scan# 494  
Delta R.T. -0.01 min  
Lab File: VW006828.D  
Acq: 13 Nov 2018 02:18

Instrument :  
MSVOA\_W  
ClientSampled :  
SR-6-S

Tgt Ion: 84 Resp: 7921  
Ion Ratio Lower Upper  
84 100  
49 102.6 84.8 127.2  
51 33.7 26.2 39.4  
86 61.5 51.8 77.8

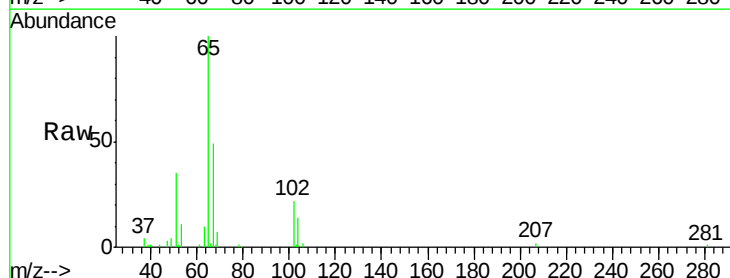


Abundance Ion 83.90 (83.60 to 84.60): VW  
Ion 48.90 (48.60 to 49.60): VW  
Ion 50.90 (50.60 to 51.60): VW  
Ion 85.90 (85.60 to 86.60): VW

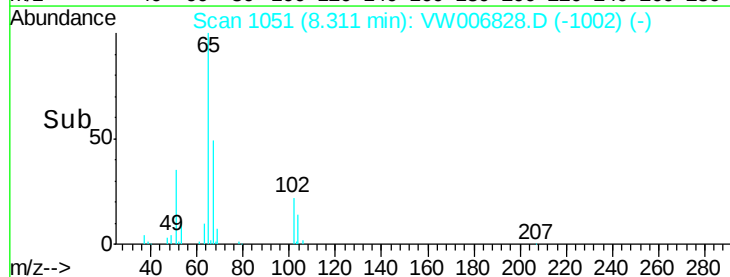
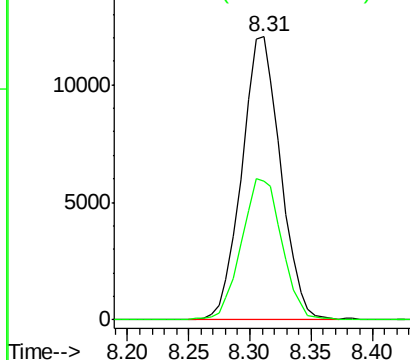


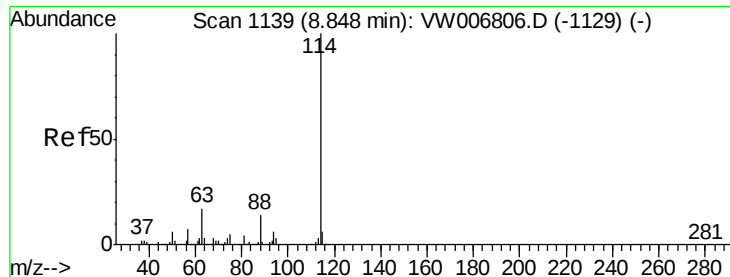
#33  
1,2-Dichloroethane-d4  
Concen: 38.928 ug/l  
RT: 8.31 min Scan# 1051  
Delta R.T. -0.00 min  
Lab File: VW006828.D  
Acq: 13 Nov 2018 02:18

Tgt Ion: 65 Resp: 26534  
Ion Ratio Lower Upper  
65 100  
67 52.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW  
Ion 66.90 (66.60 to 67.60): VW

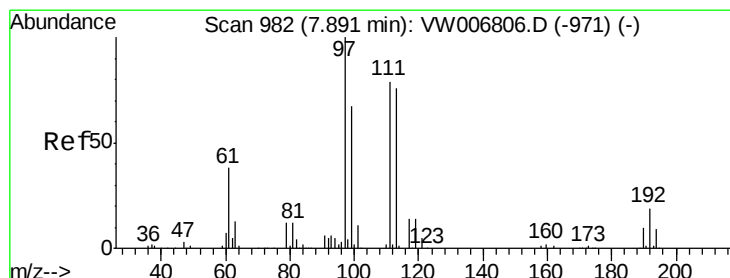
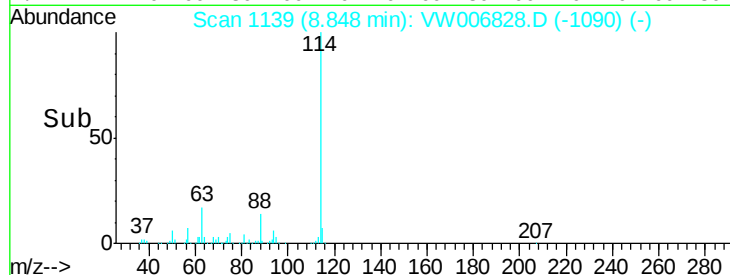
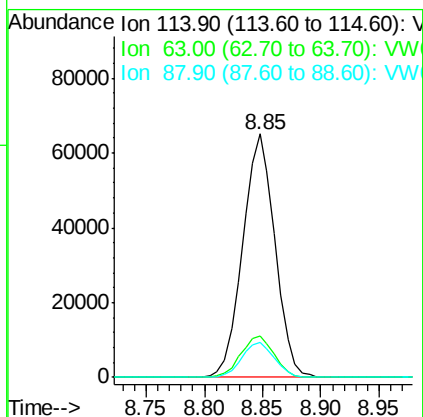
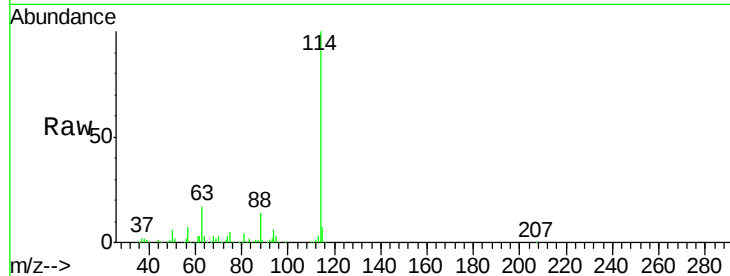




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.85 min Scan# 1139  
 Delta R.T. -0.00 min  
 Lab File: VW006828.D  
 Acq: 13 Nov 2018 02:18

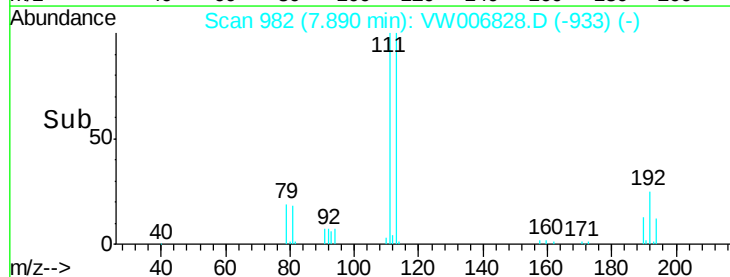
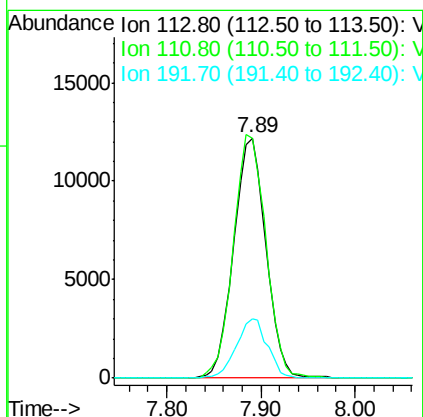
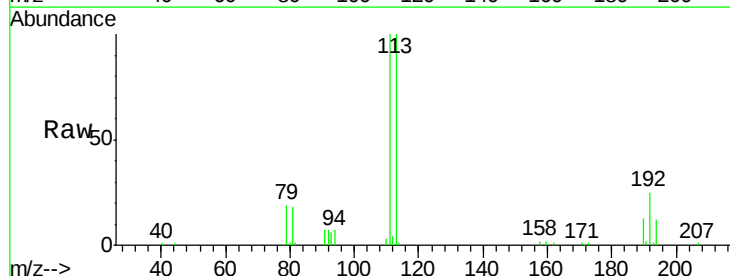
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 SR-6-S

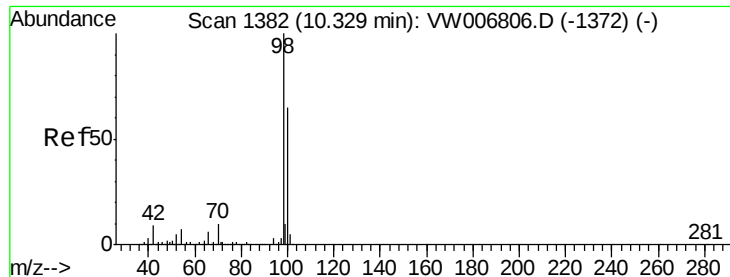
Tgt Ion:114 Resp: 125293  
 Ion Ratio Lower Upper  
 114 100  
 63 16.8 0.0 33.6  
 88 14.4 0.0 28.4



#35  
 Dibromofluoromethane  
 Concen: 38.858 ug/l  
 RT: 7.89 min Scan# 982  
 Delta R.T. -0.00 min  
 Lab File: VW006828.D  
 Acq: 13 Nov 2018 02:18

Tgt Ion:113 Resp: 28991  
 Ion Ratio Lower Upper  
 113 100  
 111 102.2 81.0 121.6  
 192 23.6 19.0 28.6





#50

Toluene-d8

Concen: 38.876 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006828.D

Acq: 13 Nov 2018 02:18

Instrument :

MSVOA\_W

ClientSampleId :

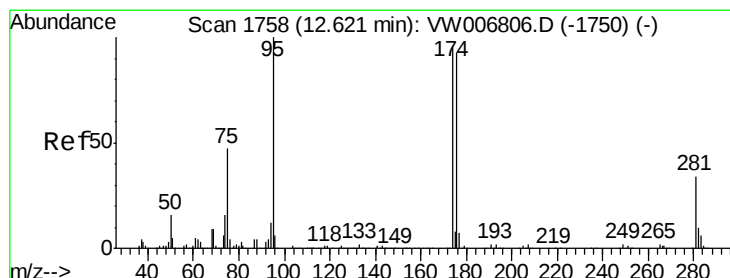
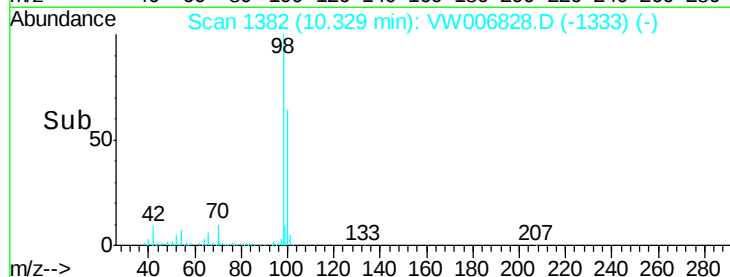
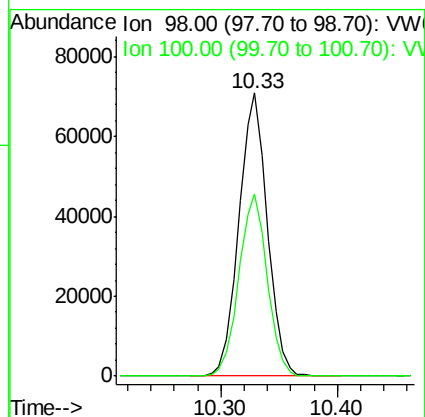
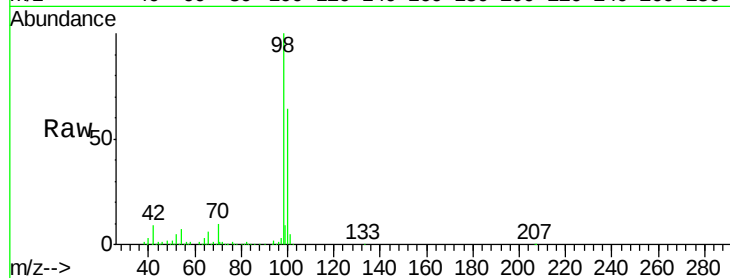
SR-6-S

Tgt Ion: 98 Resp: 120219

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 29.253 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006828.D

Acq: 13 Nov 2018 02:18

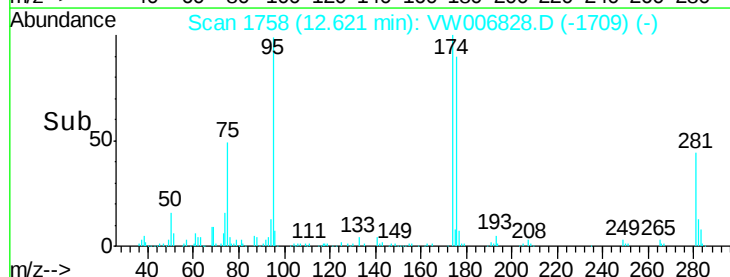
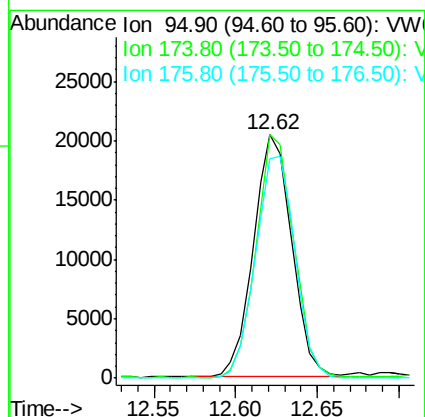
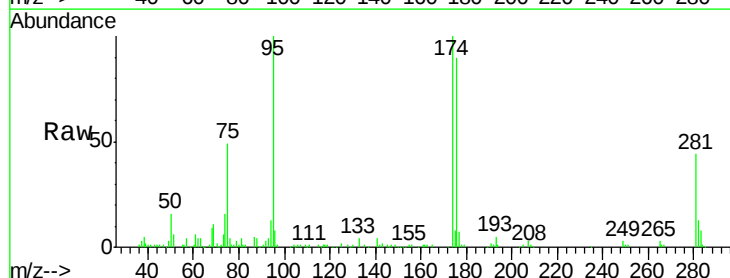
Tgt Ion: 95 Resp: 33318

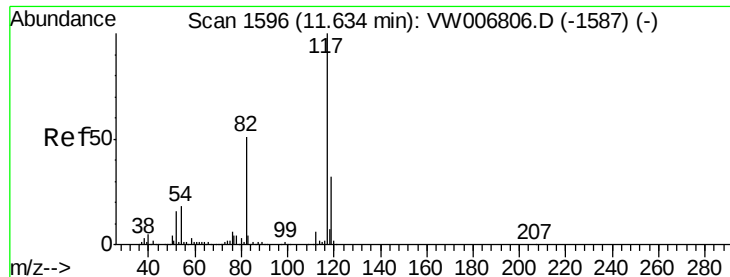
Ion Ratio Lower Upper

95 100

174 98.8 0.0 196.6

176 94.9 0.0 191.6

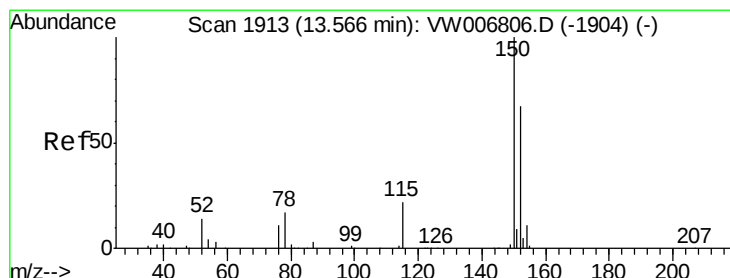
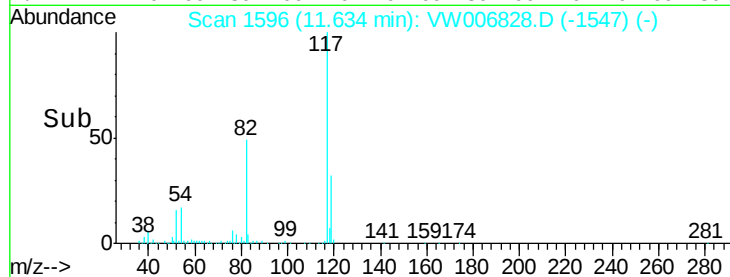
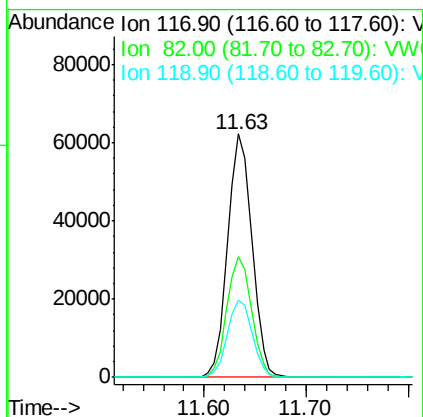
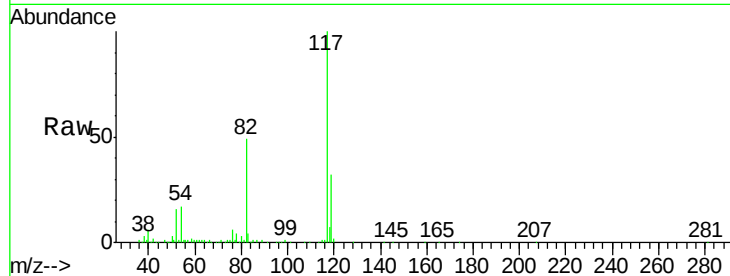




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. -0.00 min  
Lab File: VW006828.D  
Acq: 13 Nov 2018 02:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
SR-6-S

Tgt Ion:117 Resp: 102433  
Ion Ratio Lower Upper  
117 100  
82 49.3 40.6 61.0  
119 31.7 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.57 min Scan# 1913  
Delta R.T. -0.00 min  
Lab File: VW006828.D  
Acq: 13 Nov 2018 02:18

Tgt Ion:152 Resp: 39716  
Ion Ratio Lower Upper  
152 100  
115 53.1 27.3 81.8  
150 156.8 0.0 353.0

