

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\  
 Data File : VW006704.D  
 Acq On : 06 Nov 2018 23:01  
 Operator : SY/AP  
 Sample : J5816-11  
 Misc : 5.07G/5ML/MSVOA W/SOIL  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 TP-4A-D

Quant Time: Nov 07 12:14:45 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W110218S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 01 03:48:08 2018  
 Response via : Initial Calibration

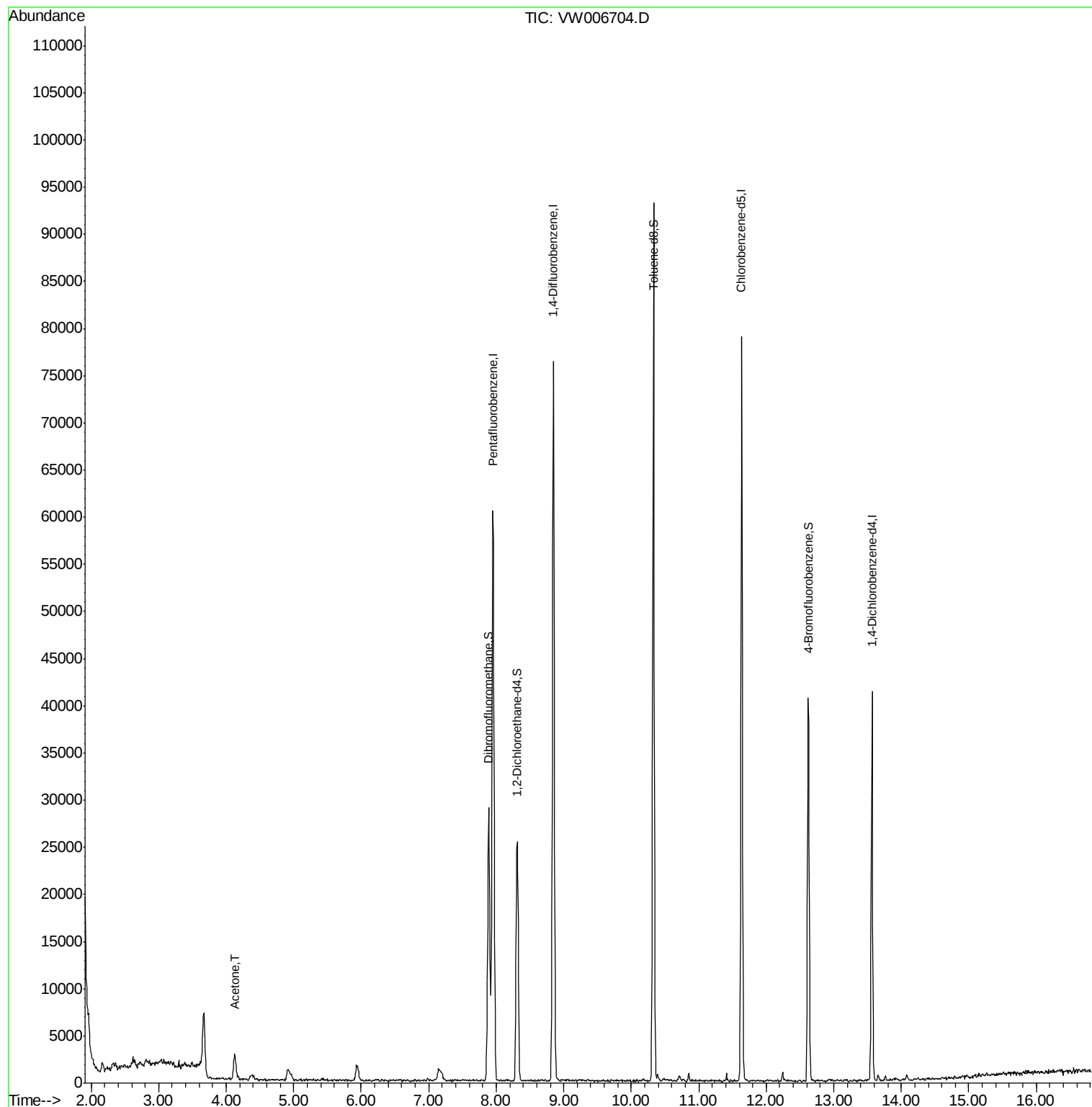
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|--------|-----------|
| 1) Pentafluorobenzene       | 7.95  | 168  | 50704    | 50.00  | ug/l   | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.84  | 114  | 69399    | 50.00  | ug/l   | 0.00      |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 46308    | 50.00  | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.57 | 152  | 11903    | 50.00  | ug/l   | 0.00      |
| System Monitoring Compounds |       |      |          |        |        |           |
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 20984    | 48.15  | ug/l   | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 96.30% |           |
| 35) Dibromofluoromethane    | 7.88  | 113  | 20729    | 47.59  | ug/l   | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 95.18% |           |
| 50) Toluene-d8              | 10.33 | 98   | 63870    | 38.52  | ug/l   | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 77.04% |           |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 12799    | 21.29  | ug/l   | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 42.58% |           |
| Target Compounds            |       |      |          |        |        |           |
| 16) Acetone                 | 4.12  | 43   | 4650     | 66.082 | ug/l   | Qvalue 89 |

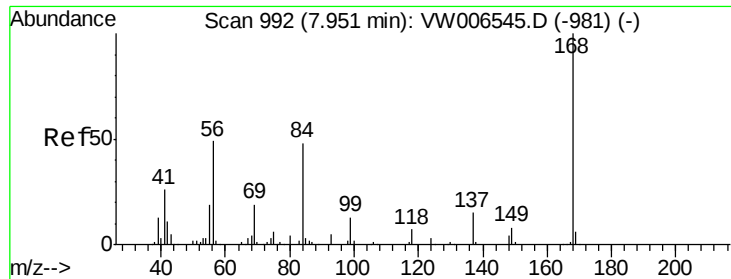
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110618\  
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Quant Time: Nov 07 12:14:45 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W110218S.M  
Quant Title : SW846 8260  
QLast Update : Thu Nov 01 03:48:08 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006704.D

Acq: 06 Nov 2018 23:01

Instrument :

MSVOA\_W

ClientSampled :

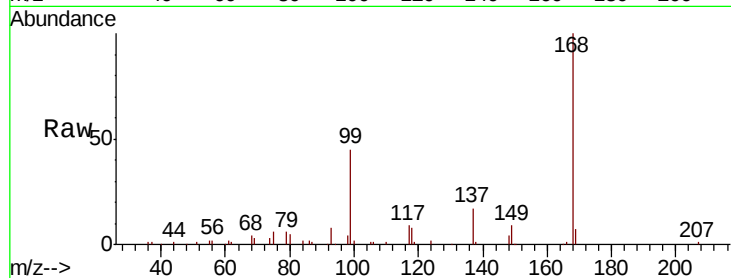
TP-4A-D

Tot Ion:168 Resp: 50704

Ion Ratio Lower Upper

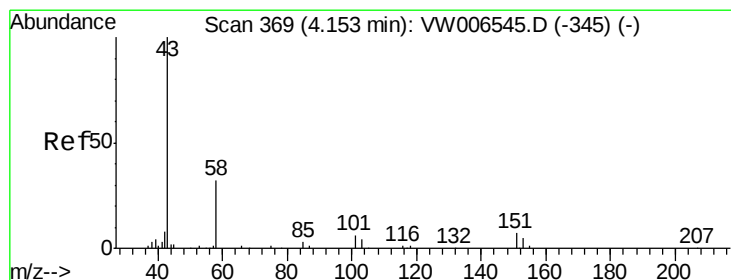
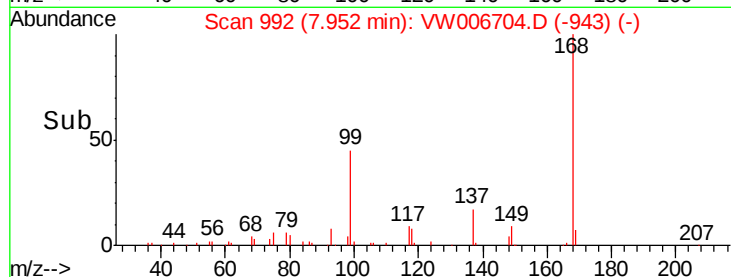
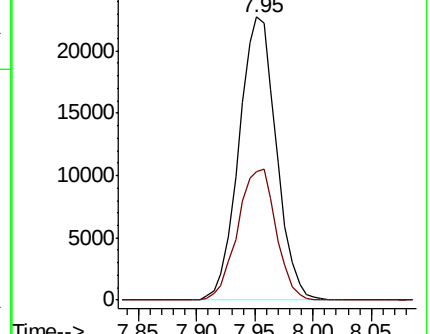
168 100

99 45.2 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 66.082 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.03 min

Lab File: VW006704.D

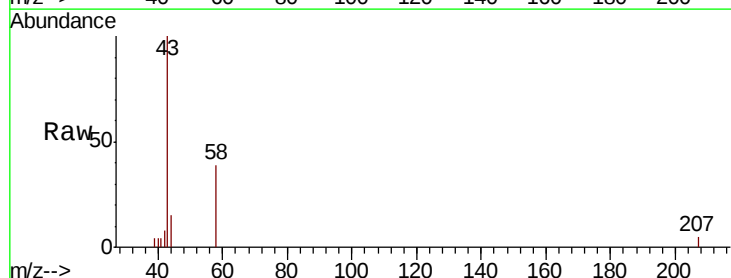
Acq: 06 Nov 2018 23:01

Tgt Ion: 43 Resp: 4650

Ion Ratio Lower Upper

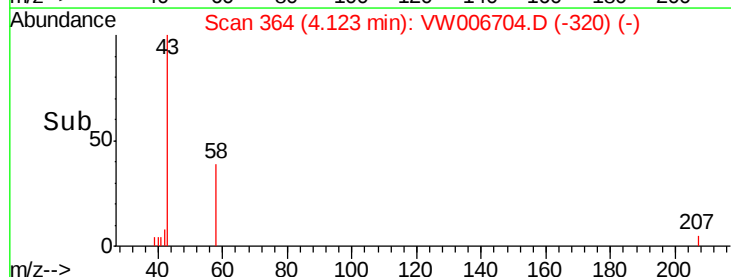
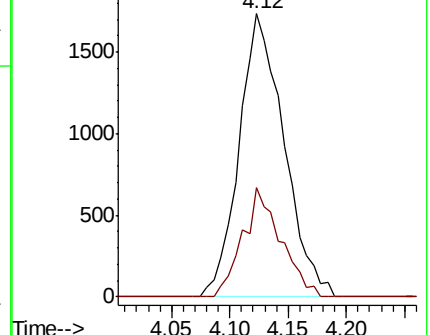
43 100

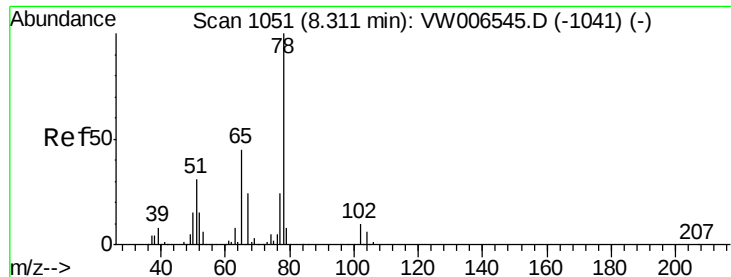
58 38.7 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

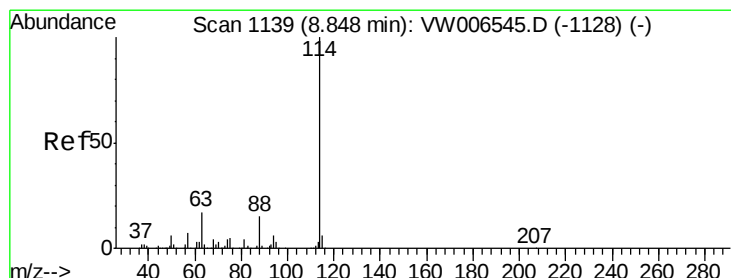
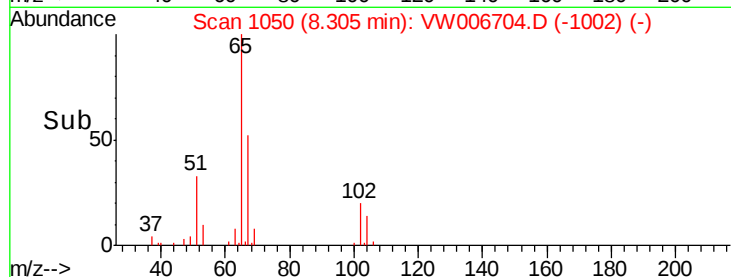
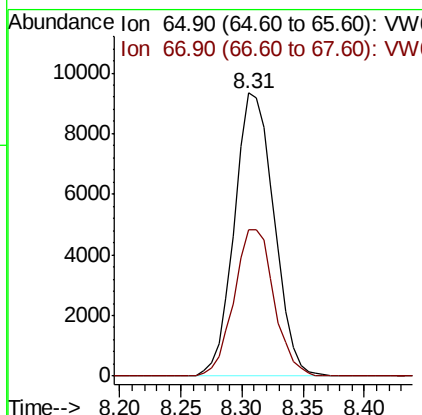
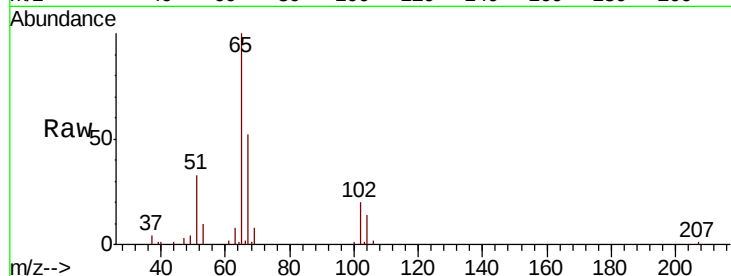




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.145 ug/l  
 RT: 8.31 min Scan# 1050  
 Delta R.T. -0.01 min  
 Lab File: VW006704.D  
 Acq: 06 Nov 2018 23:01

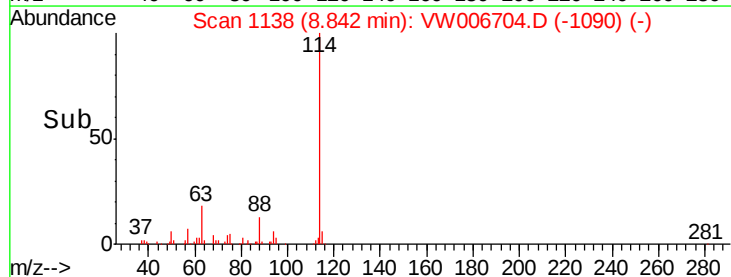
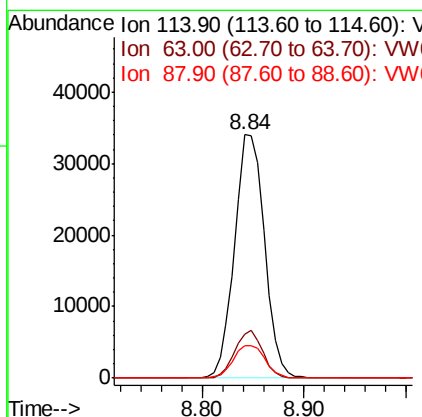
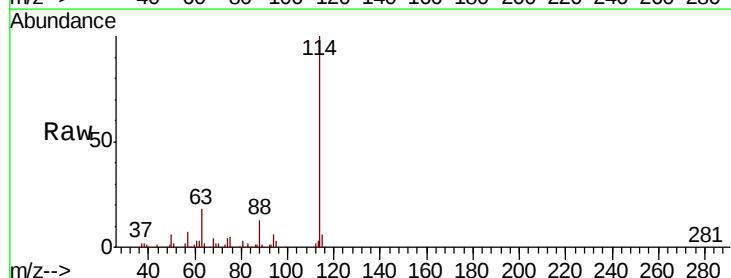
Instrument :  
 MSVOA\_W  
 ClientSampled :  
 TP-4A-D

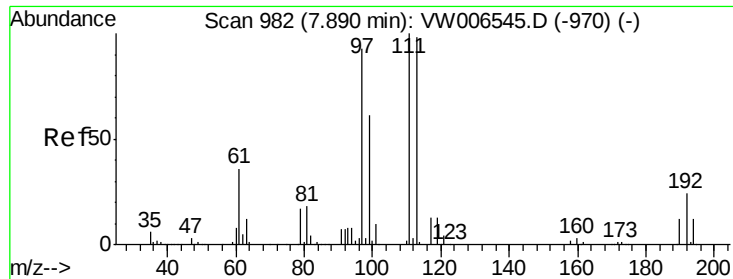
Tot Ion: 65 Resp: 20984  
 Ion Ratio Lower Upper  
 65 100  
 67 52.1 0.0 104.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. -0.01 min  
 Lab File: VW006704.D  
 Acq: 06 Nov 2018 23:01

Tgt Ion: 114 Resp: 69399  
 Ion Ratio Lower Upper  
 114 100  
 63 18.3 0.0 34.4  
 88 13.3 0.0 29.0

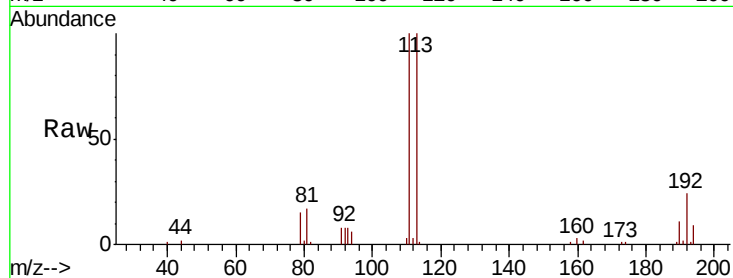




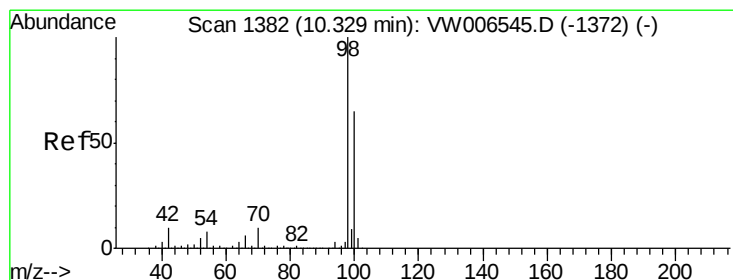
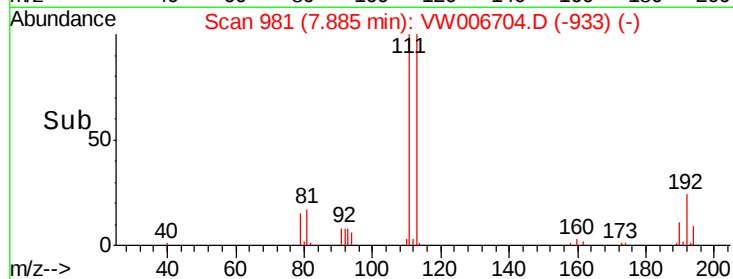
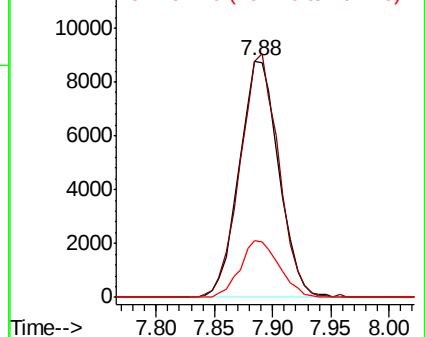
#35  
 Dibromofluoromethane  
 Concen: 47.594 ug/l  
 RT: 7.88 min Scan# 981  
 Delta R.T. -0.01 min  
 Lab File: VW006704.D  
 Acq: 06 Nov 2018 23:01

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 TP-4A-D

Tot Ion:113 Resp: 20729  
 Ion Ratio Lower Upper  
 113 100  
 111 100.7 82.2 123.2  
 192 23.6 19.0 28.6

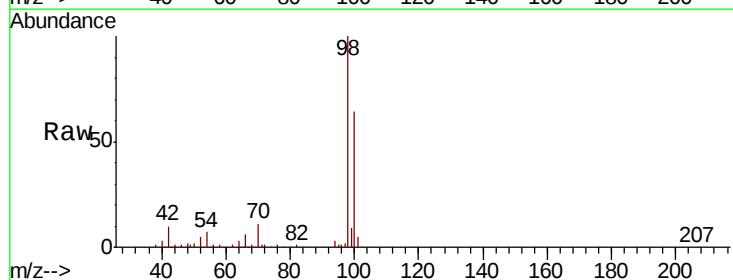


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

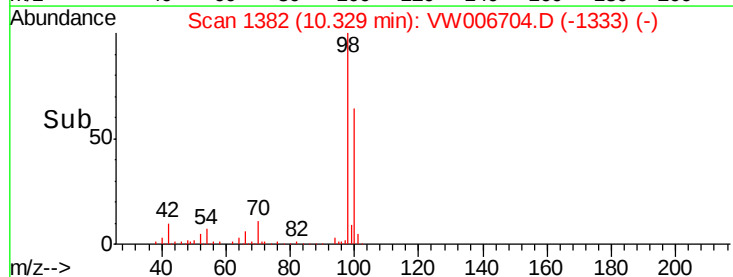
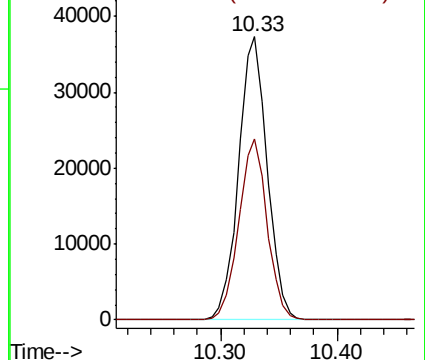


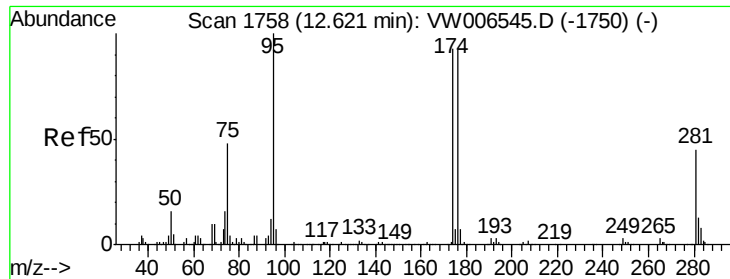
#50  
 Toluene-d8  
 Concen: 38.522 ug/l  
 RT: 10.33 min Scan# 1382  
 Delta R.T. 0.00 min  
 Lab File: VW006704.D  
 Acq: 06 Nov 2018 23:01

Tgt Ion: 98 Resp: 63870  
 Ion Ratio Lower Upper  
 98 100  
 100 63.1 51.6 77.4



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

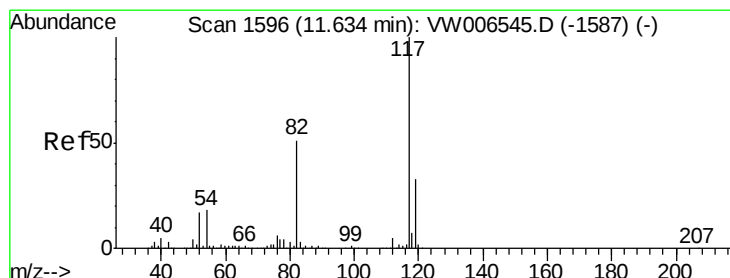
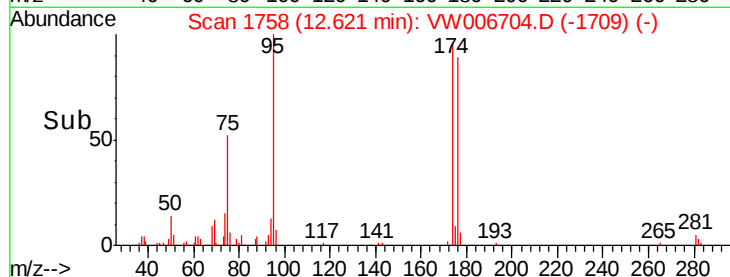
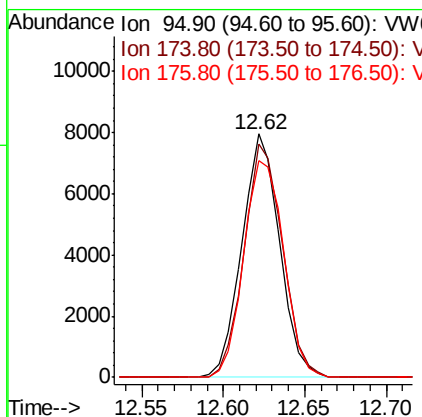
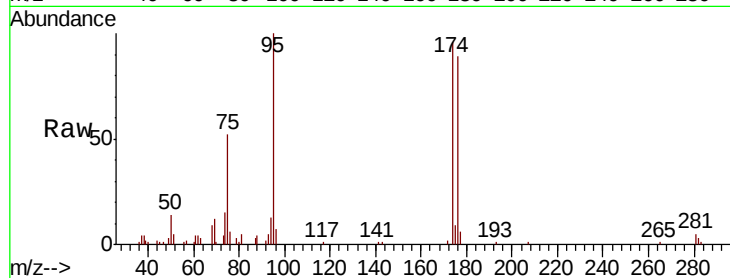




#62  
4-Bromofluorobenzene  
Concen: 21.293 ug/l  
RT: 12.62 min Scan# 1758  
Delta R.T. 0.00 min  
Lab File: VW006704.D  
Acq: 06 Nov 2018 23:01

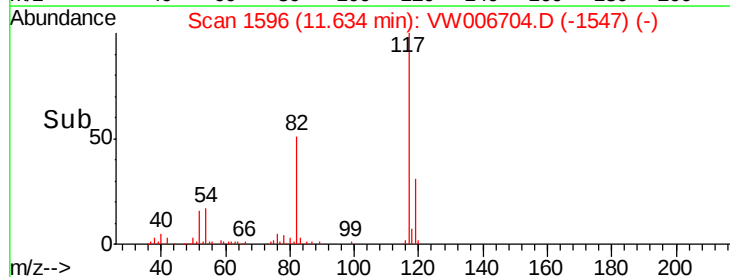
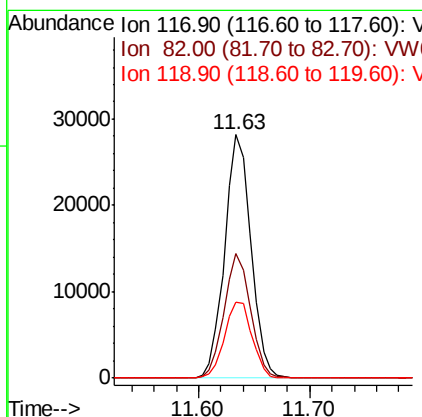
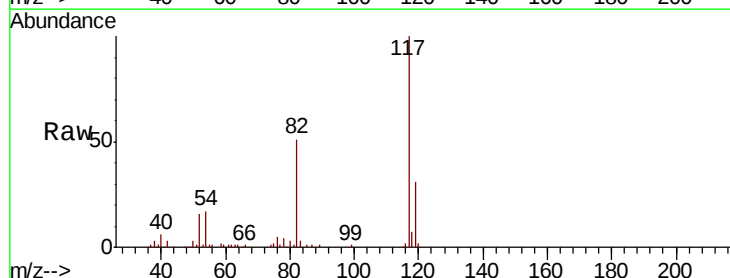
Instrument :  
MSVOA\_W  
ClientSampleId :  
TP-4A-D

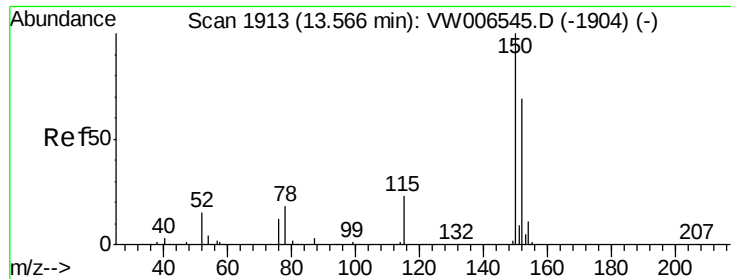
Tot Ion: 95 Resp: 12799  
Ion Ratio Lower Upper  
95 100  
174 97.3 0.0 192.4  
176 94.1 0.0 187.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. 0.00 min  
Lab File: VW006704.D  
Acq: 06 Nov 2018 23:01

Tgt Ion: 117 Resp: 46308  
Ion Ratio Lower Upper  
117 100  
82 51.1 40.8 61.2  
119 31.4 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006704.D

Acq: 06 Nov 2018 23:01

Instrument :

MSVOA\_W

ClientSampleId :

TP-4A-D

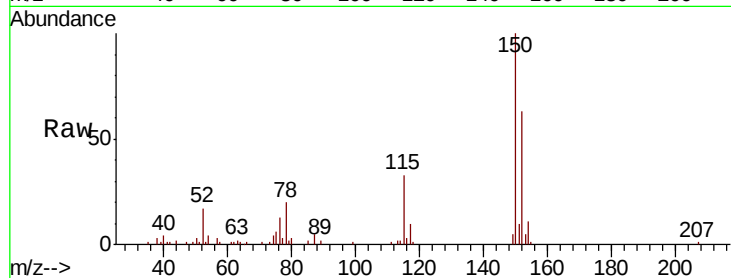
Tot Ion:152 Resp: 11903

Ion Ratio Lower Upper

152 100

115 54.4 26.6 79.8

150 159.5 0.0 344.6



Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

