

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110418\  
 Data File : VW006617.D  
 Acq On : 02 Nov 2018 22:09  
 Operator : SY/AP  
 Sample : J5741-47  
 Misc : 6.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 TP-12

Quant Time: Nov 03 02:57:42 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

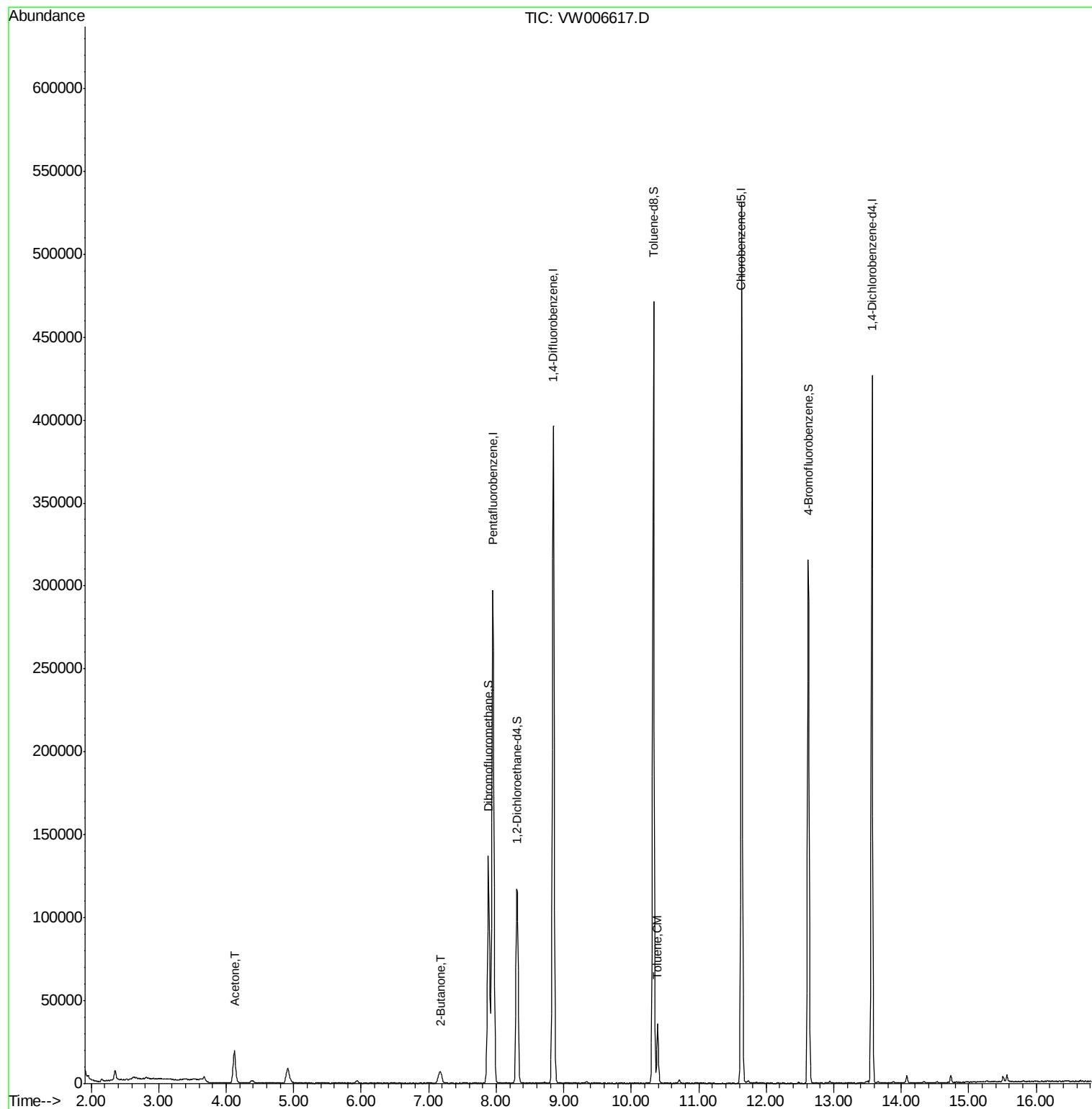
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) Pentafluorobenzene       | 7.95  | 168  | 246353   | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.85  | 114  | 362869   | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 303691   | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.57 | 152  | 123299   | 50.00  | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 95661    | 45.17  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 90.34% |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 95109    | 41.76  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 83.52% |          |
| 50) Toluene-d8              | 10.33 | 98   | 330230   | 38.09  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 76.18% |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 95552    | 30.40  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 60.80% |          |
| Target Compounds            |       |      |          |        |        |          |
| 16) Acetone                 | 4.12  | 43   | 32771    | 95.852 | ug/l   | 100      |
| 25) 2-Butanone              | 7.18  | 43   | 9122     | 18.698 | ug/l   | 93       |
| 52) Toluene                 | 10.39 | 92   | 15531    | 2.555  | ug/l   | 99       |

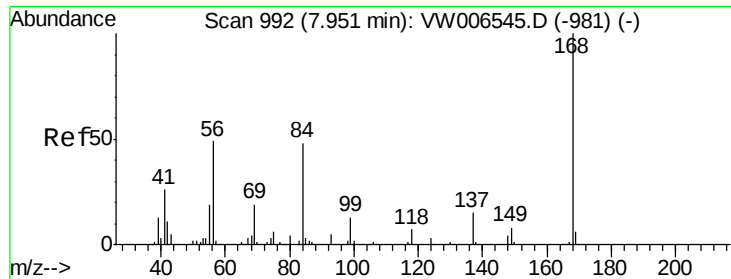
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006617.D

Acq: 02 Nov 2018 22:09

Instrument :

MSVOA\_W

ClientSampled :

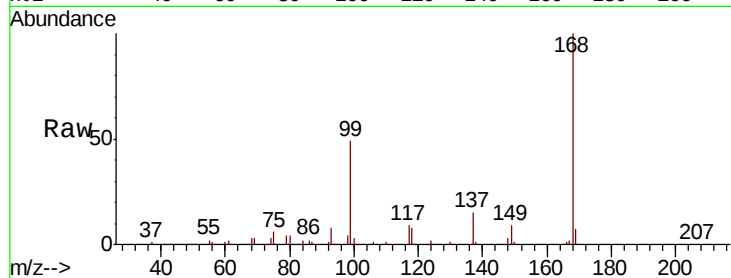
TP-12

Tot Ion:168 Resp: 246353

Ion Ratio Lower Upper

168 100

99 48.7 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

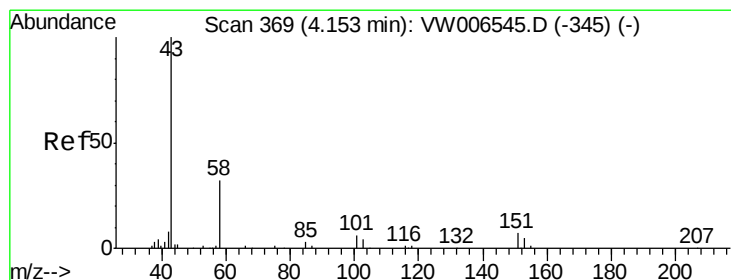
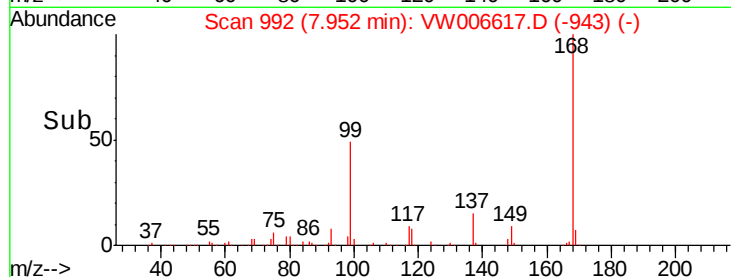
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 95.852 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.03 min

Lab File: VW006617.D

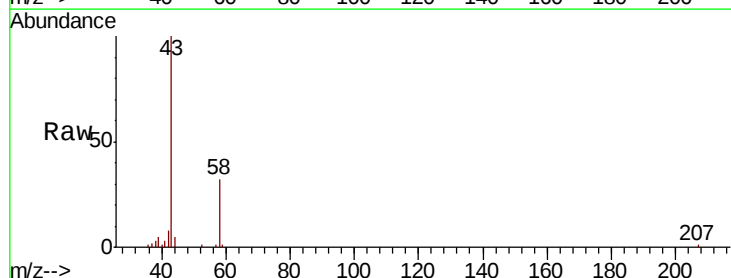
Acq: 02 Nov 2018 22:09

Tgt Ion: 43 Resp: 32771

Ion Ratio Lower Upper

43 100

58 32.1 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

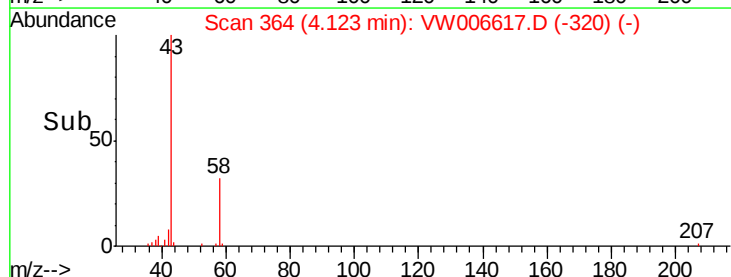
4.12

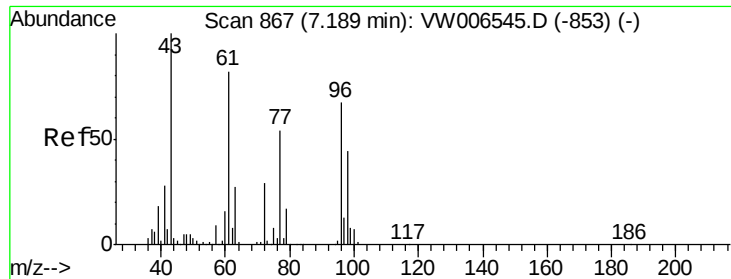
10000

5000

0

Time--> 4.00 4.10 4.20





#25

2-Butanone

Concen: 18.698 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006617.D

Acq: 02 Nov 2018 22:09

Instrument :

MSVOA\_W

ClientSampled :

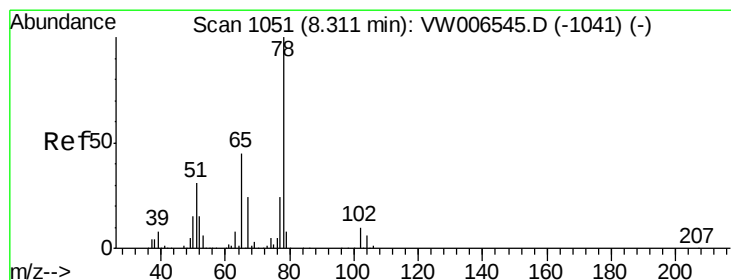
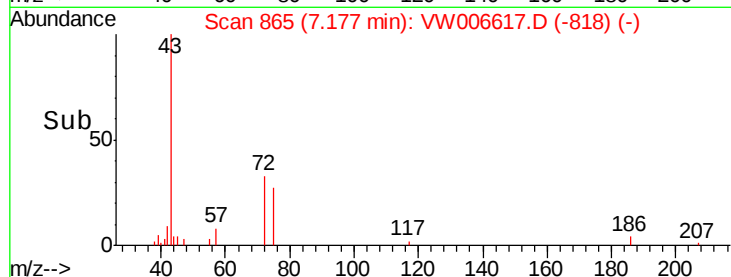
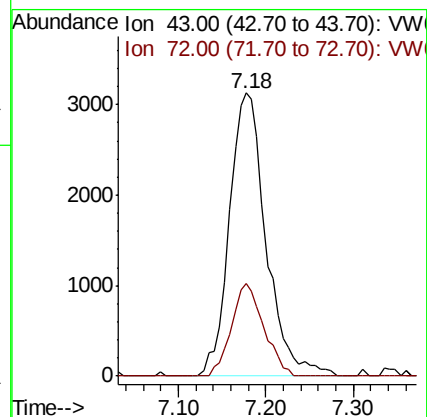
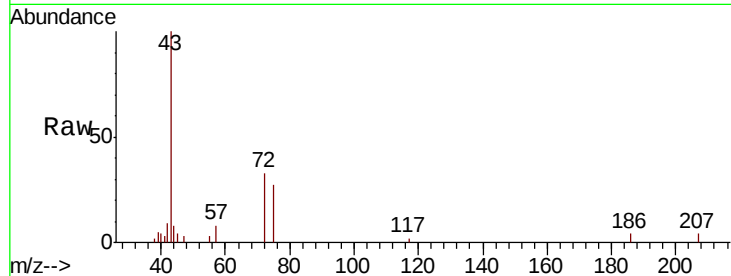
TP-12

Tot Ion: 43 Resp: 9122

Ion Ratio Lower Upper

43 100

72 32.9 23.2 34.8



#33

1,2-Dichloroethane-d4

Concen: 45.173 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006617.D

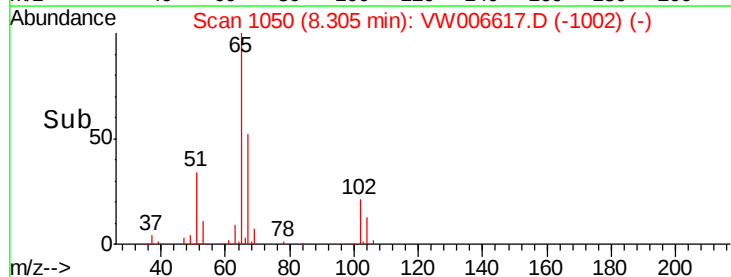
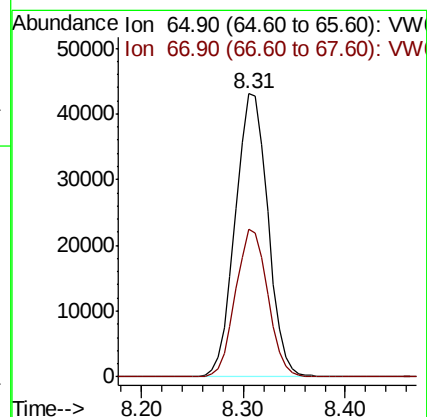
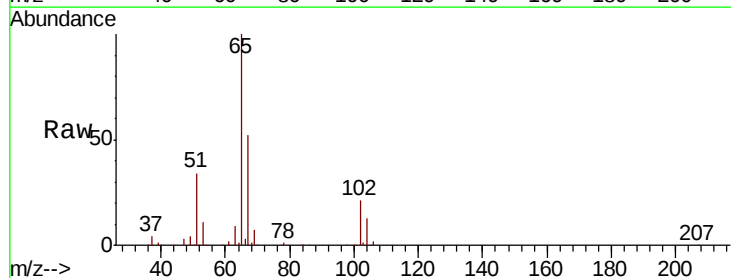
Acq: 02 Nov 2018 22:09

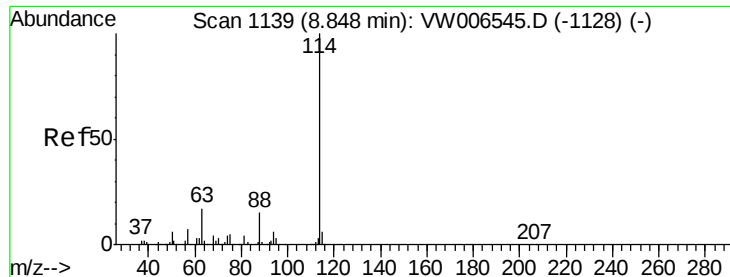
Tgt Ion: 65 Resp: 95661

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.4

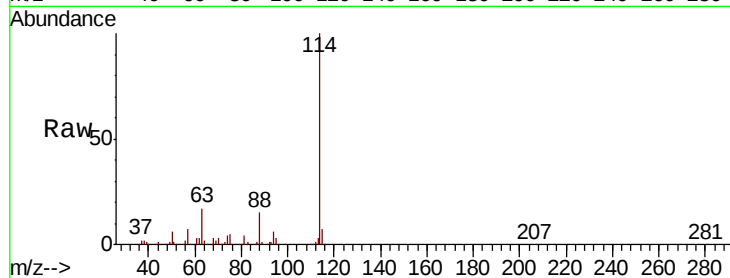




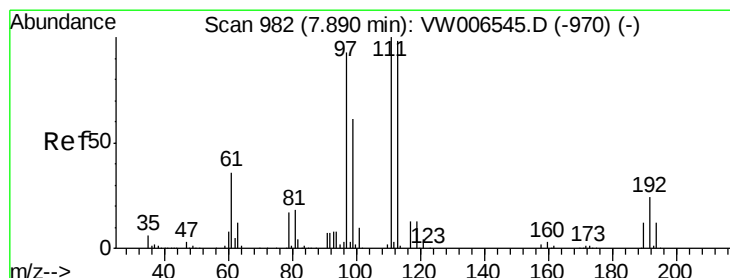
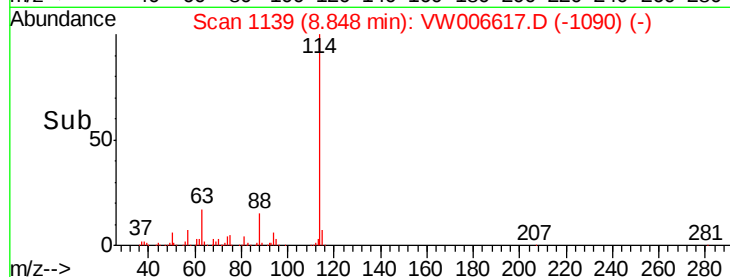
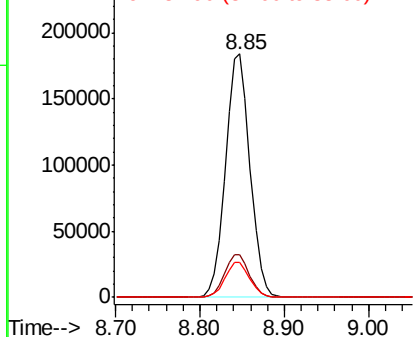
#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.85 min Scan# 1139  
Delta R.T. 0.00 min  
Lab File: VW006617.D  
Acq: 02 Nov 2018 22:09

Instrument :  
MSVOA\_W  
ClientSampleId :  
TP-12

Tot Ion:114 Resp: 362869  
Ion Ratio Lower Upper  
114 100  
63 17.3 0.0 34.4  
88 14.6 0.0 29.0

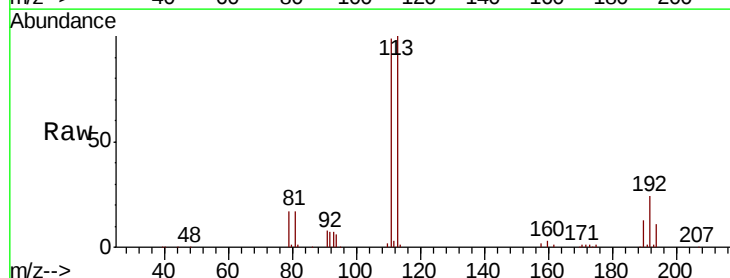


Abundance Ion 113.90 (113.60 to 114.60): V  
Ion 63.00 (62.70 to 63.70): VW  
Ion 87.90 (87.60 to 88.60): VW

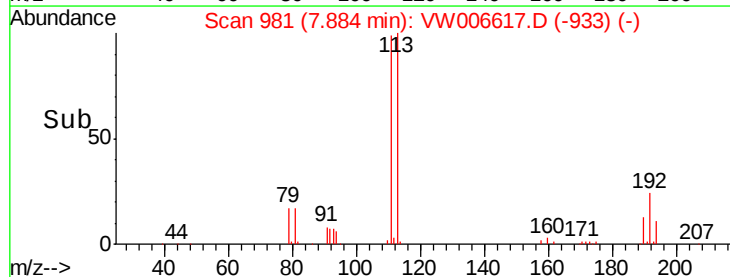
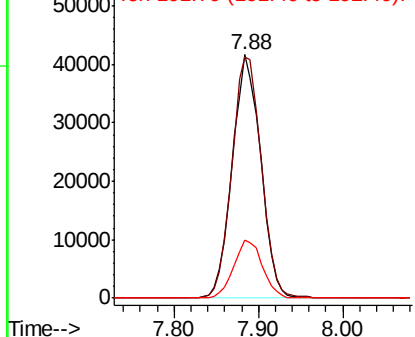


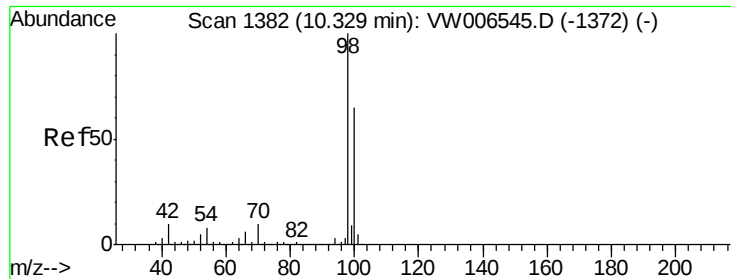
#35  
Dibromofluoromethane  
Concen: 41.764 ug/l  
RT: 7.88 min Scan# 981  
Delta R.T. -0.01 min  
Lab File: VW006617.D  
Acq: 02 Nov 2018 22:09

Tgt Ion:113 Resp: 95109  
Ion Ratio Lower Upper  
113 100  
111 102.0 82.2 123.2  
192 23.7 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

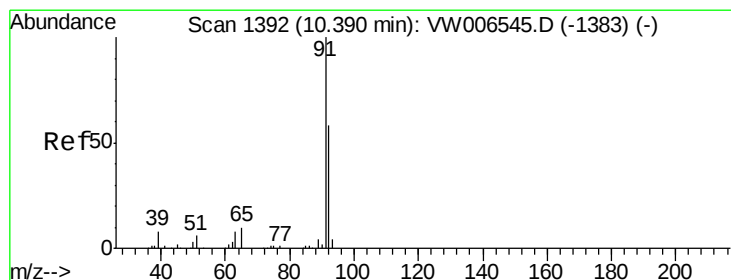
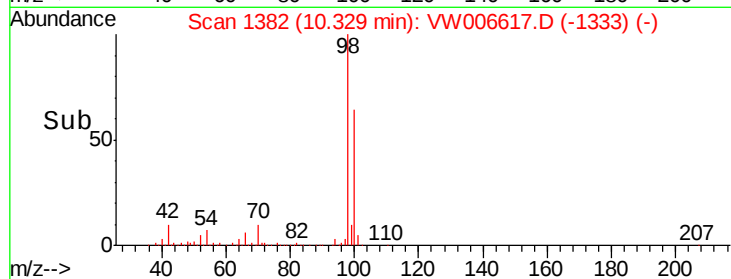
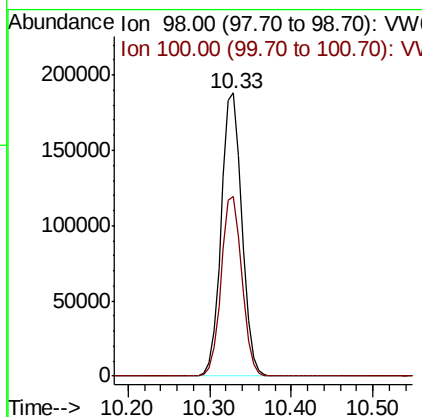
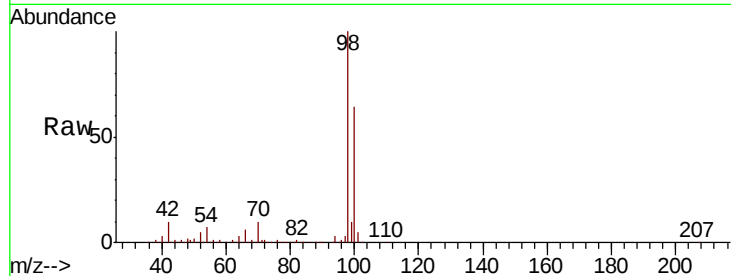




#50  
Toluene-d8  
Concen: 38.092 ug/l  
RT: 10.33 min Scan# 1382  
Delta R.T. 0.00 min  
Lab File: VW006617.D  
Acq: 02 Nov 2018 22:09

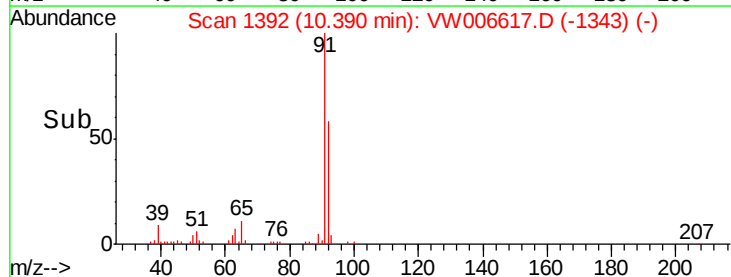
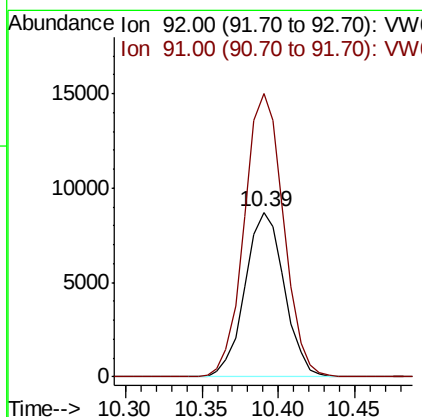
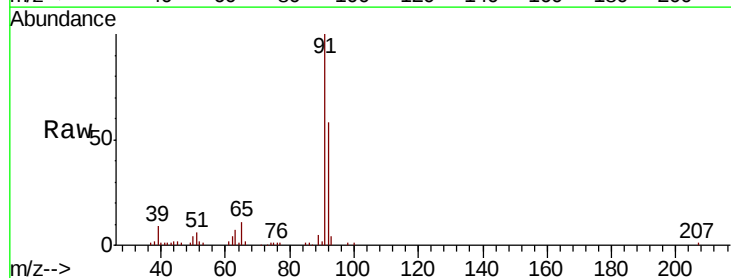
Instrument :  
MSVOA\_W  
ClientSampled :  
TP-12

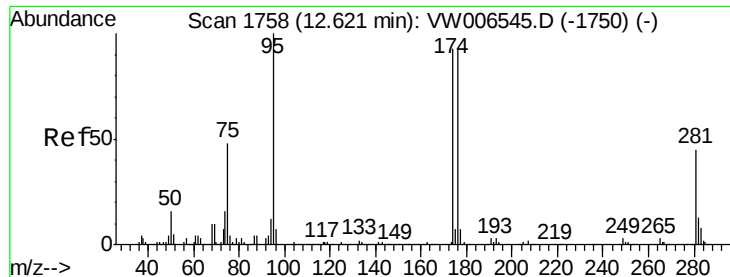
Tot Ion: 98 Resp: 330230  
Ion Ratio Lower Upper  
98 100  
100 63.8 51.6 77.4



#52  
Toluene  
Concen: 2.555 ug/l  
RT: 10.39 min Scan# 1392  
Delta R.T. 0.00 min  
Lab File: VW006617.D  
Acq: 02 Nov 2018 22:09

Tgt Ion: 92 Resp: 15531  
Ion Ratio Lower Upper  
92 100  
91 171.9 138.6 208.0

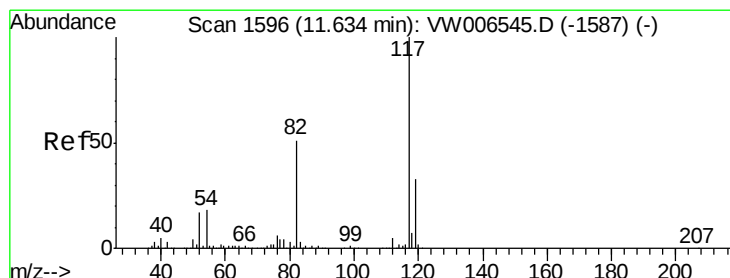
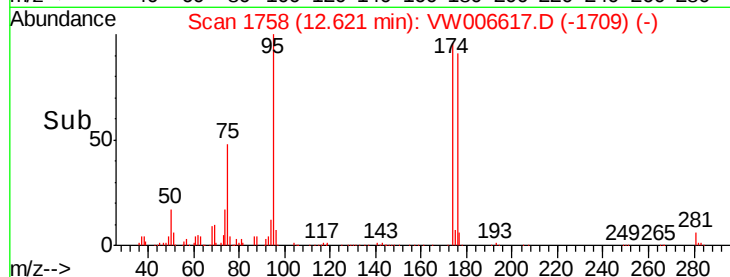
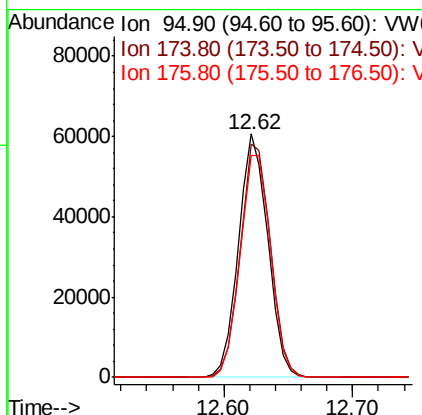
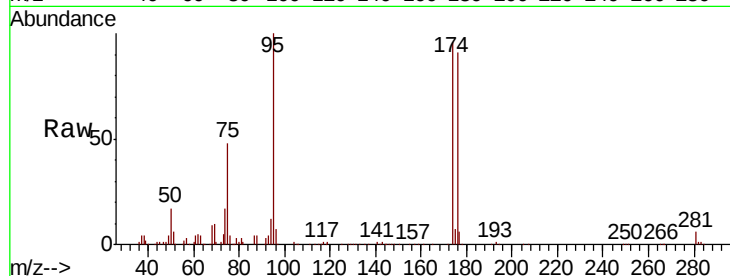




#62  
4-Bromofluorobenzene  
Concen: 30.402 ug/l  
RT: 12.62 min Scan# 1758  
Delta R.T. 0.00 min  
Lab File: VW006617.D  
Acq: 02 Nov 2018 22:09

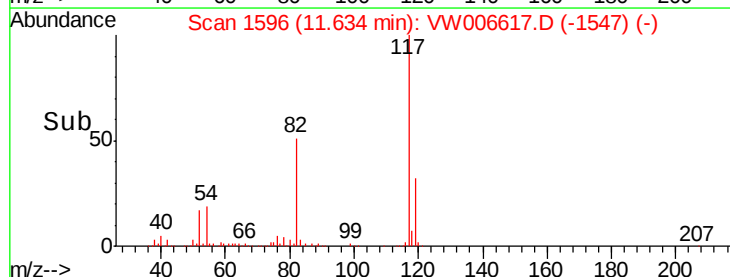
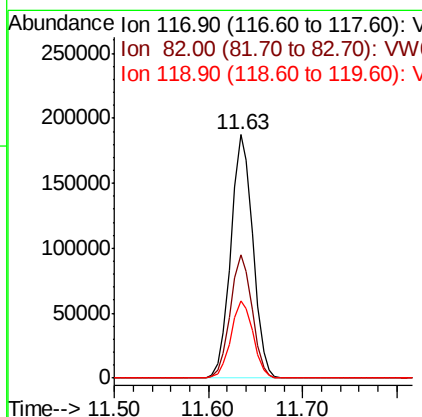
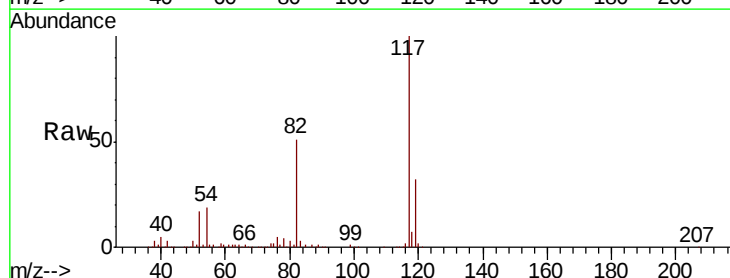
Instrument :  
MSVOA\_W  
ClientSampled :  
TP-12

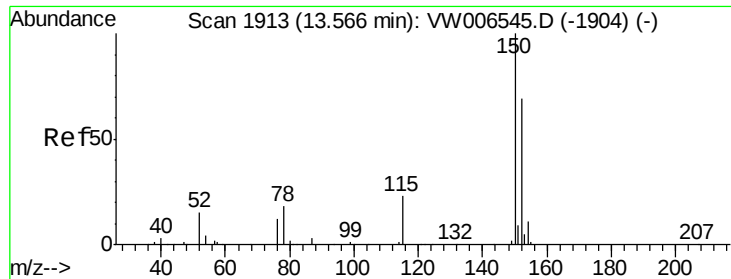
Tot Ion: 95 Resp: 95552  
Ion Ratio Lower Upper  
95 100  
174 98.4 0.0 192.4  
176 95.2 0.0 187.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. 0.00 min  
Lab File: VW006617.D  
Acq: 02 Nov 2018 22:09

Tgt Ion: 117 Resp: 303691  
Ion Ratio Lower Upper  
117 100  
82 50.6 40.8 61.2  
119 31.7 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: VW006617.D

Acq: 02 Nov 2018 22:09

Instrument :

MSVOA\_W

ClientSampleId :

TP-12

Tot Ion:152 Resp: 123299

Ion Ratio Lower Upper

152 100

115 53.2 26.6 79.8

150 154.6 0.0 344.6

