

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW013019\  
 Data File : VW008468.D  
 Acq On : 30 Jan 2019 16:18  
 Operator : SY/VA  
 Sample : K1282-25  
 Misc : 5.26G/5ML/MSVOA W/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 TP-7

Quant Time: Jan 31 04:16:45 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W012419S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 25 11:07:41 2019  
 Response via : Initial Calibration

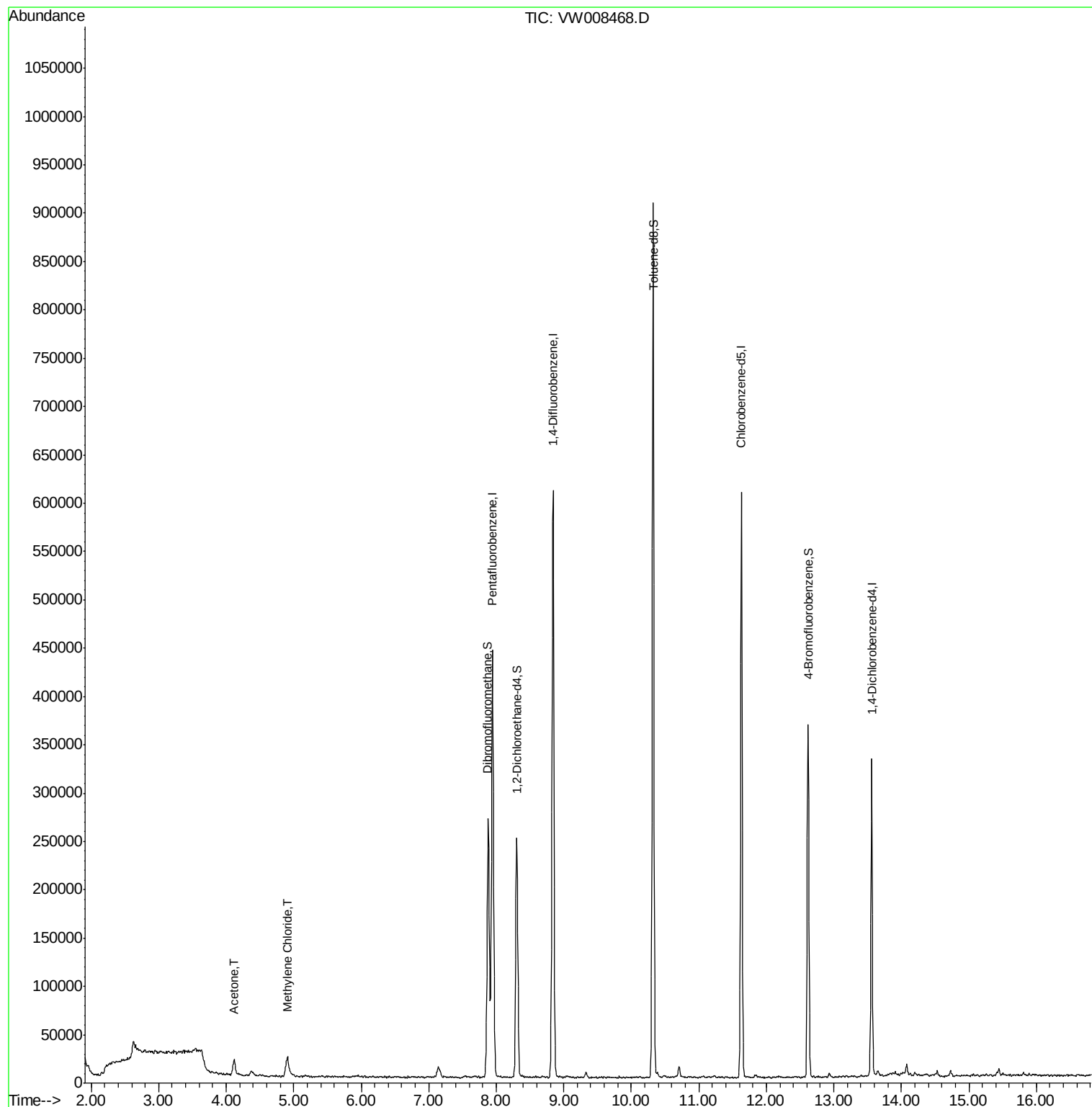
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.95  | 168  | 343554   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.84  | 114  | 530005   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 343029   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.56 | 152  | 81179    | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 185071   | 54.83  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 109.66% |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 185546   | 59.87  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 119.74% |          |
| 50) Toluene-d8              | 10.32 | 98   | 593511   | 47.76  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 95.52%  |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 117735   | 24.65  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 49.30%  |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 4.12  | 43   | 27134    | 35.800 | ug/l    | 91       |
| 20) Methylene Chloride      | 4.90  | 84   | 15545    | 4.450  | ug/l #  | 85       |

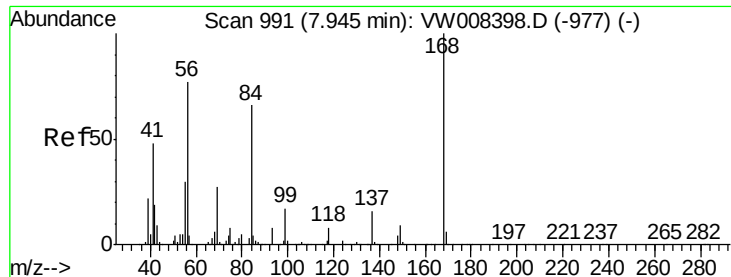
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013019\  
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Quant Title : SW846 8260  
QLast Update : Fri Jan 25 11:07:41 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008468.D

Acq: 30 Jan 2019 16:18

Instrument :

MSVOA\_W

ClientSampleId :

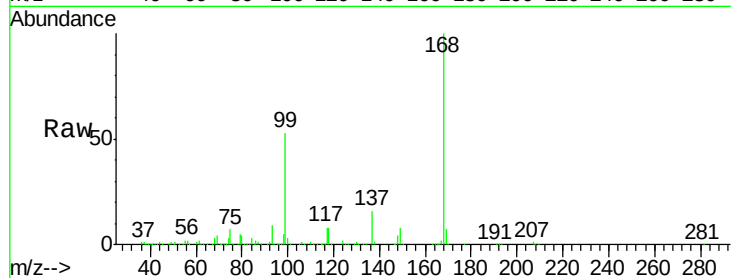
TP-7

Tot Ion:168 Resp: 343554

Ion Ratio Lower Upper

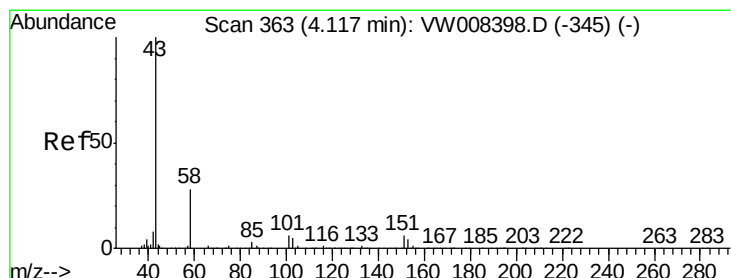
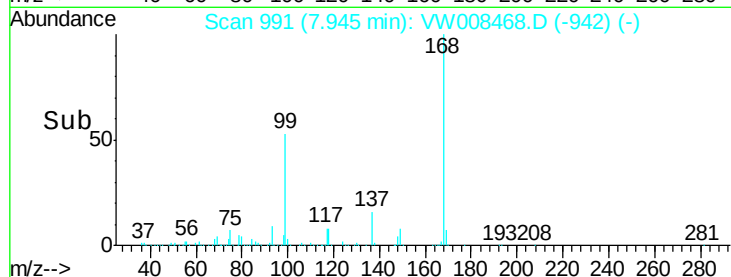
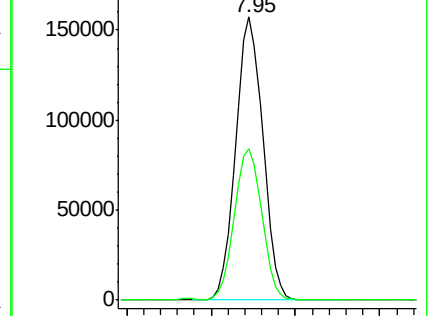
168 100

99 53.5 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 35.800 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008468.D

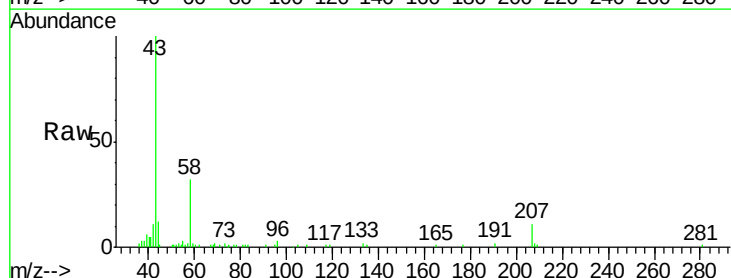
Acq: 30 Jan 2019 16:18

Tgt Ion: 43 Resp: 27134

Ion Ratio Lower Upper

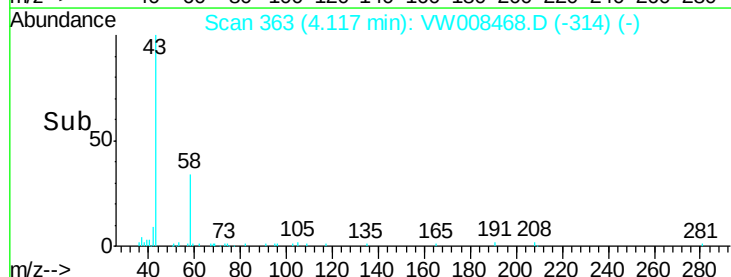
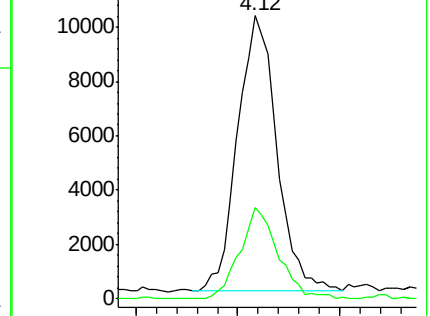
43 100

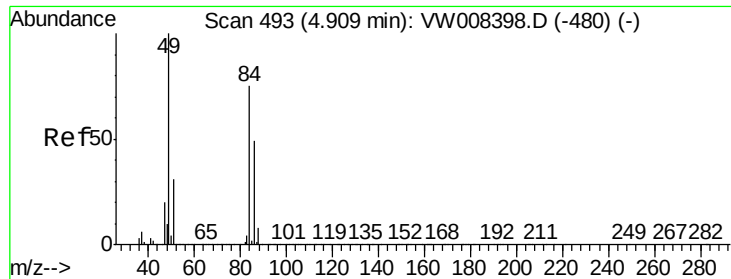
58 33.3 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

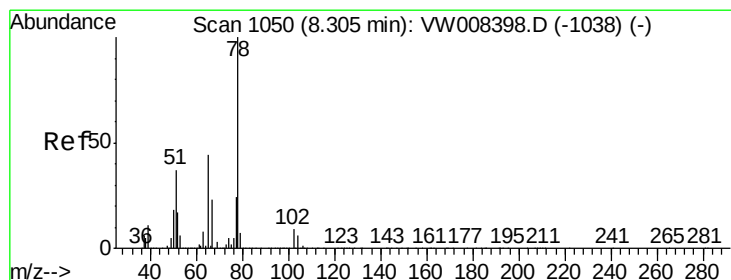
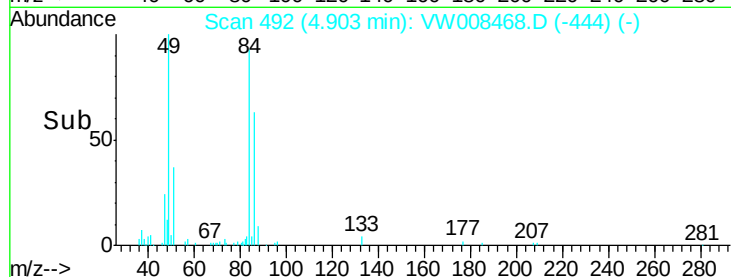
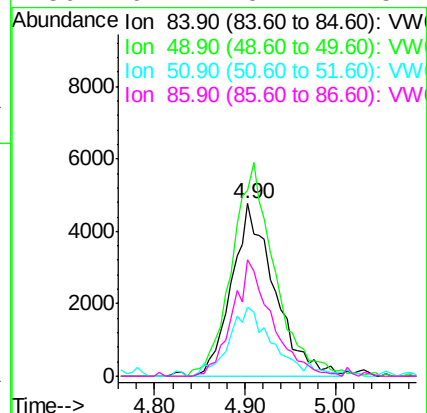
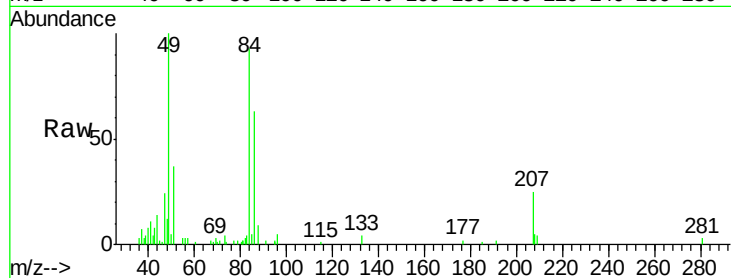




#20  
Methylene Chloride  
Concen: 4.450 ug/l  
RT: 4.90 min Scan# 492  
Delta R.T. -0.01 min  
Lab File: VW008468.D  
Acq: 30 Jan 2019 16:18

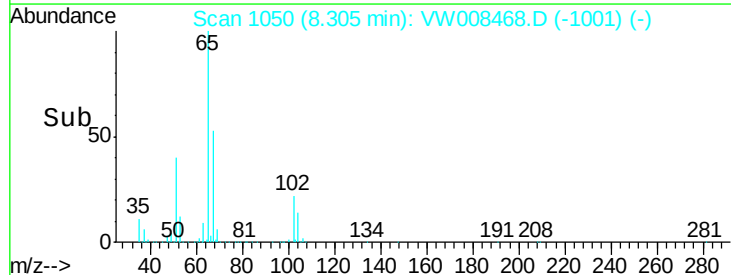
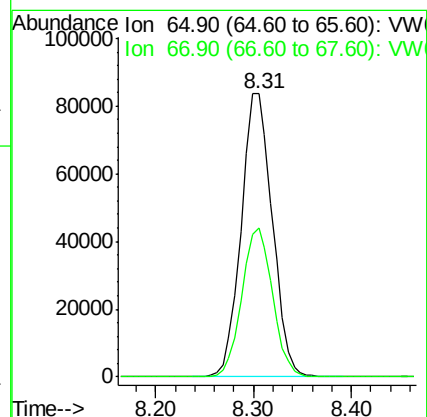
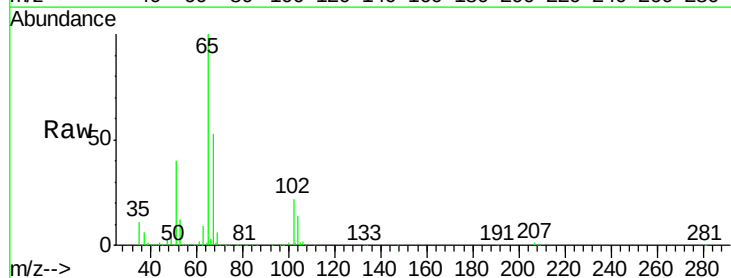
Instrument :  
MSVOA\_W  
ClientSampled :  
TP-7

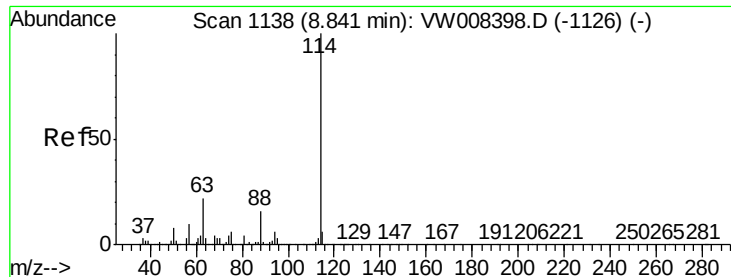
Tot Ion: 84 Resp: 15545  
Ion Ratio Lower Upper  
84 100  
49 103.6 106.8 160.2#  
51 40.0 32.9 49.3  
86 67.4 52.2 78.2



#33  
1,2-Dichloroethane-d4  
Concen: 54.834 ug/l  
RT: 8.31 min Scan# 1050  
Delta R.T. 0.00 min  
Lab File: VW008468.D  
Acq: 30 Jan 2019 16:18

Tgt Ion: 65 Resp: 185071  
Ion Ratio Lower Upper  
65 100  
67 51.9 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008468.D

Acq: 30 Jan 2019 16:18

Instrument :

MSVOA\_W

ClientSampleId :

TP-7

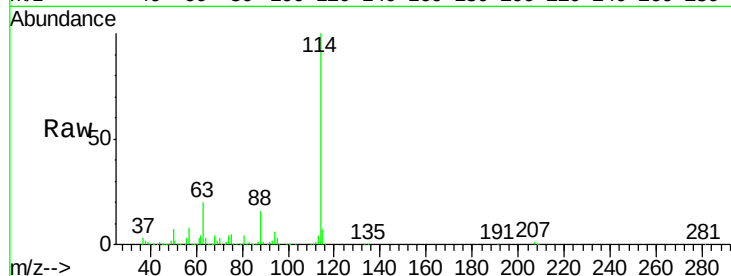
Tot Ion:114 Resp: 530005

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.6

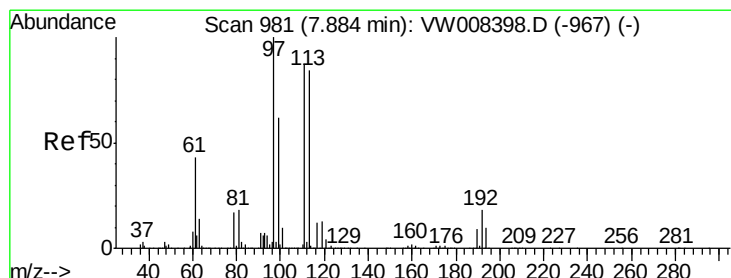
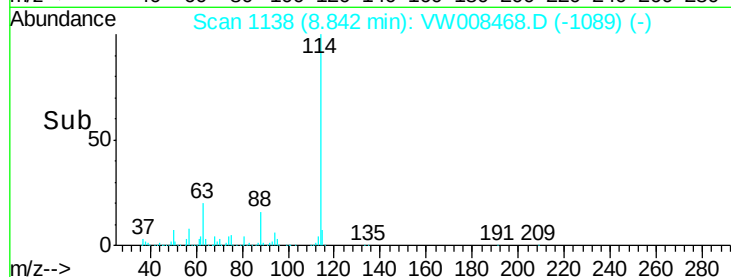
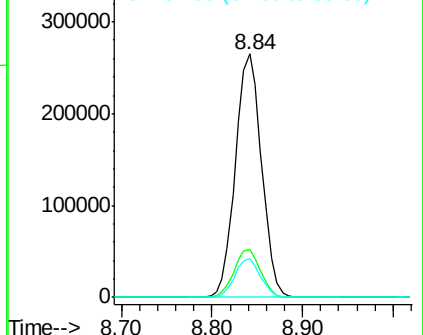
88 15.8 0.0 31.8



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: 59.871 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008468.D

Acq: 30 Jan 2019 16:18

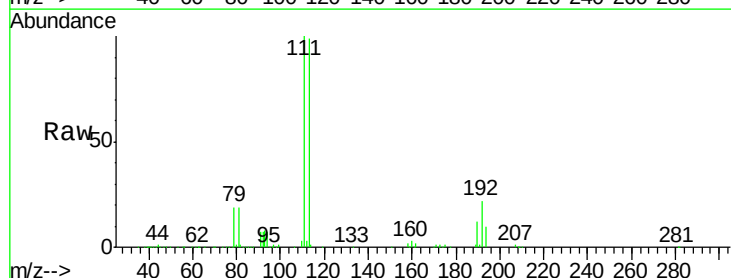
Tgt Ion:113 Resp: 185546

Ion Ratio Lower Upper

113 100

111 102.8 81.0 121.4

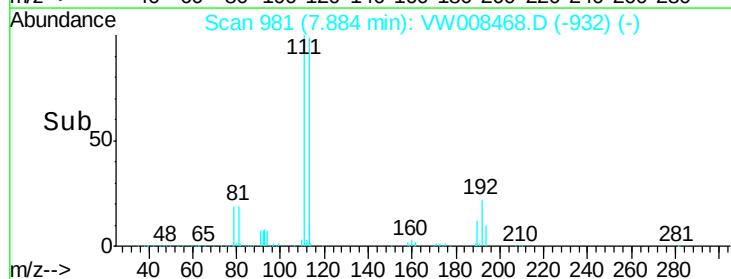
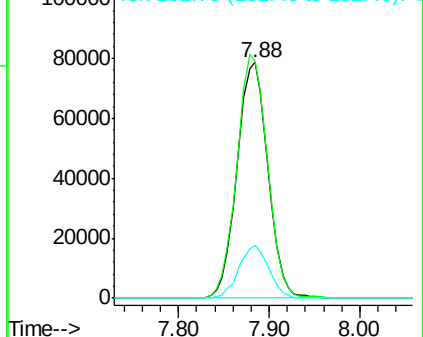
192 21.8 16.8 25.2

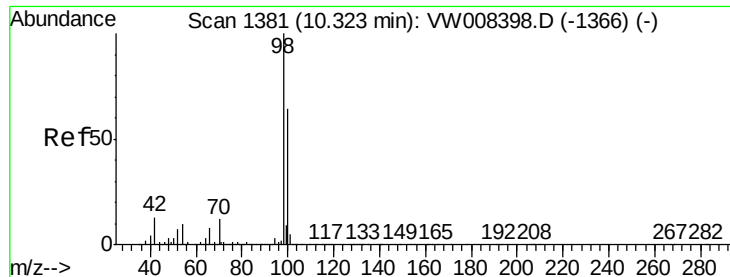


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.758 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008468.D

Acq: 30 Jan 2019 16:18

Instrument :

MSVOA\_W

ClientSampleId :

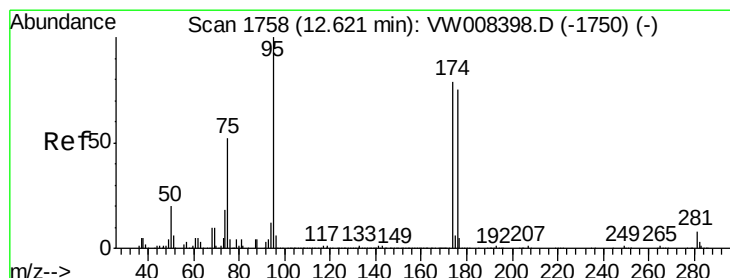
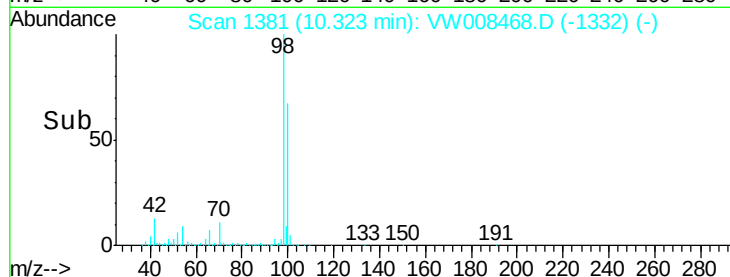
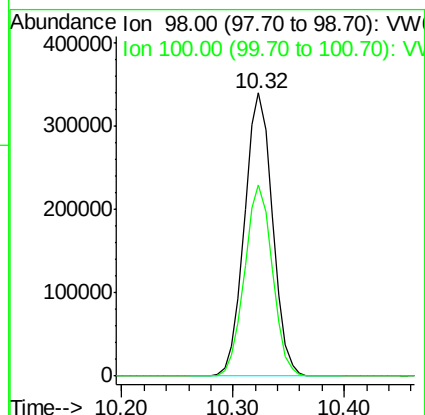
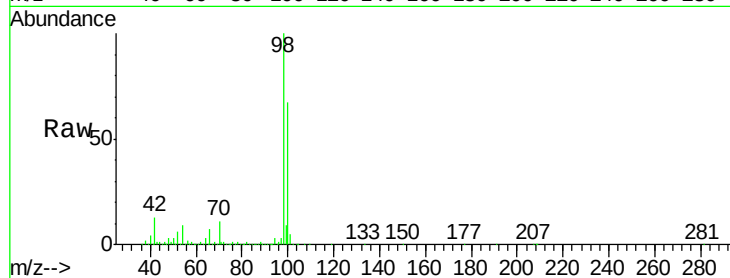
TP-7

Tot Ion: 98 Resp: 593511

Ion Ratio Lower Upper

98 100

100 66.9 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 24.646 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008468.D

Acq: 30 Jan 2019 16:18

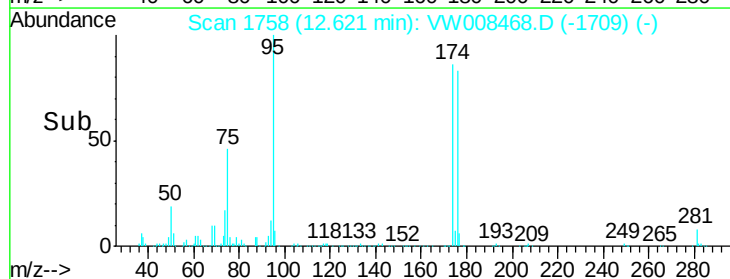
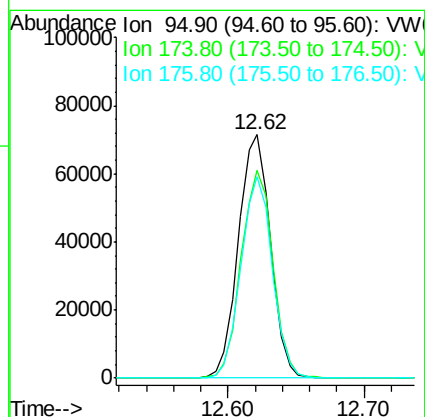
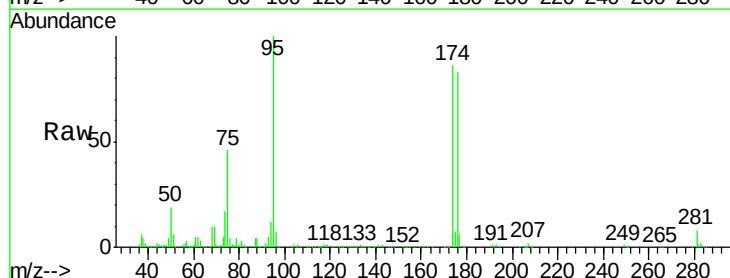
Tgt Ion: 95 Resp: 117735

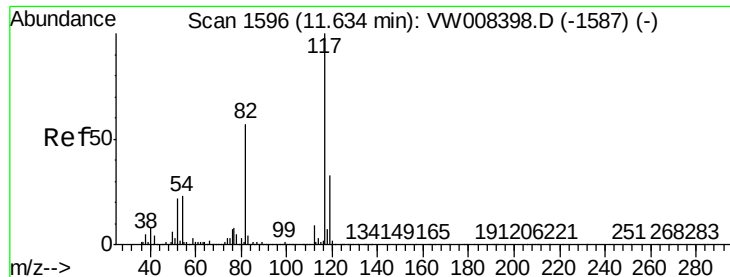
Ion Ratio Lower Upper

95 100

174 84.9 0.0 157.6

176 80.9 0.0 151.8

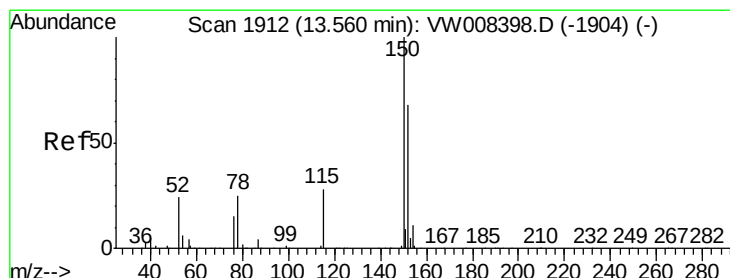
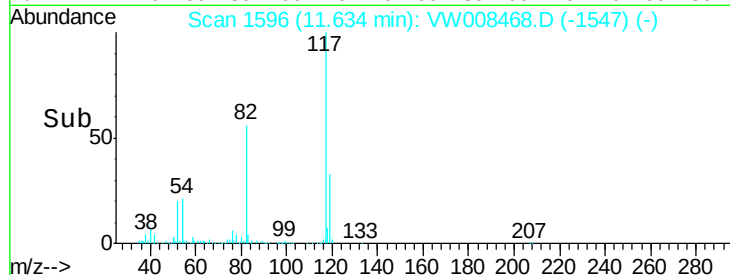
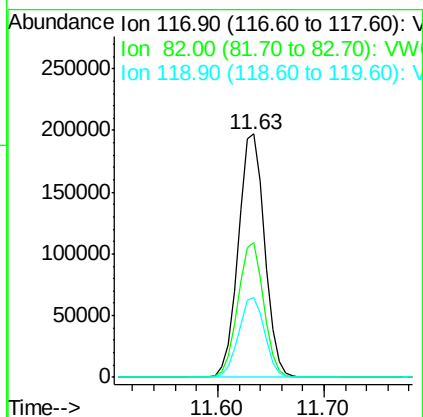
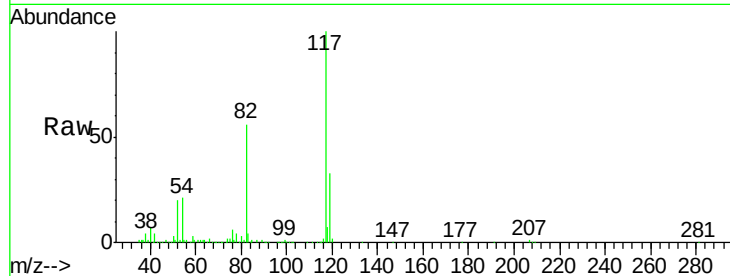




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. 0.00 min  
Lab File: VW008468.D  
Acq: 30 Jan 2019 16:18

Instrument :  
MSVOA\_W  
ClientSampled :  
TP-7

Tot Ion:117 Resp: 343029  
Ion Ratio Lower Upper  
117 100  
82 55.5 45.4 68.0  
119 32.6 26.2 39.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.56 min Scan# 1912  
Delta R.T. 0.00 min  
Lab File: VW008468.D  
Acq: 30 Jan 2019 16:18

Tgt Ion:152 Resp: 81179  
Ion Ratio Lower Upper  
152 100  
115 58.8 29.9 89.7  
150 159.5 0.0 351.4

