

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080818\  
 Data File : VW004505.D  
 Acq On : 07 Aug 2018 21:11  
 Operator : SY/AP  
 Sample : J4310-01  
 Misc : 5.21G/5ML/MSVOA W/SOIL  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C-1

Quant Time: Aug 08 08:53:06 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W080618S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 07 08:22:01 2018  
 Response via : Initial Calibration

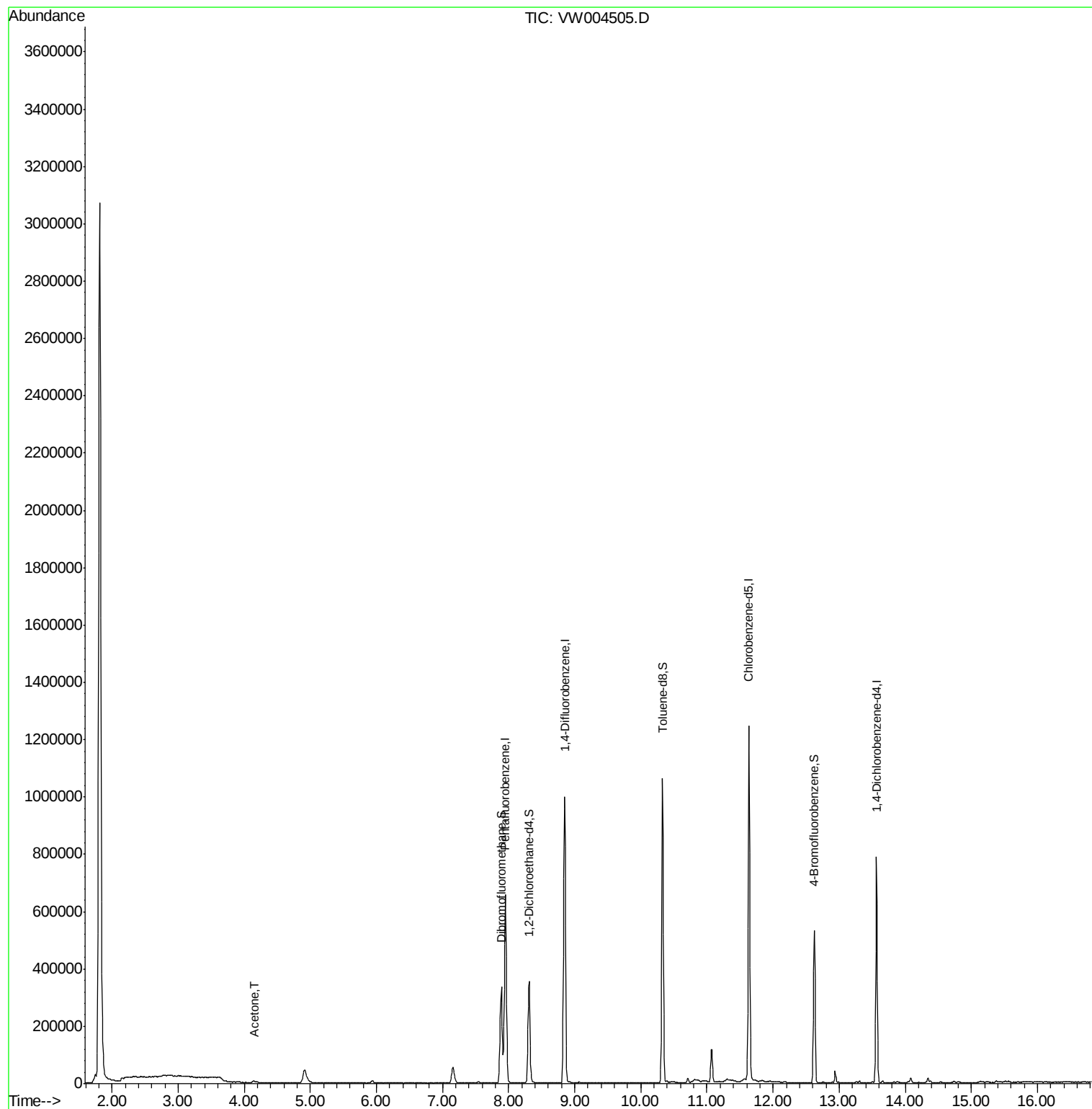
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|--------|-----------|
| 1) Pentafluorobenzene       | 7.95  | 168  | 492931   | 50.00 | ug/l   | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.85  | 114  | 830332   | 50.00 | ug/l   | 0.00      |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 685799   | 50.00 | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.57 | 152  | 205147   | 50.00 | ug/l   | 0.00      |
| System Monitoring Compounds |       |      |          |       |        |           |
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 270398   | 49.55 | ug/l   | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 99.10% |           |
| 35) Dibromofluoromethane    | 7.89  | 113  | 247071   | 44.63 | ug/l   | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 89.26% |           |
| 50) Toluene-d8              | 10.33 | 98   | 703515   | 33.33 | ug/l   | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 66.66% |           |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 174183   | 22.91 | ug/l   | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 45.82% |           |
| Target Compounds            |       |      |          |       |        |           |
| 16) Acetone                 | 4.15  | 43   | 10399    | 7.63  | ug/l   | Qvalue 92 |

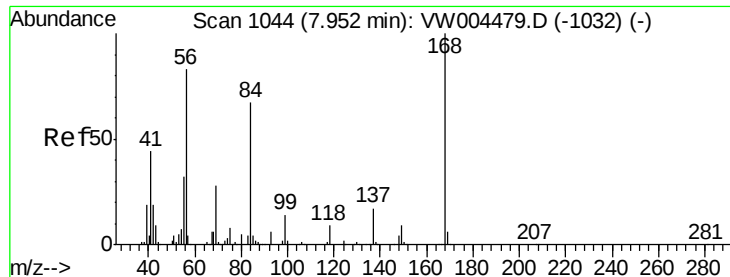
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 08 08:53:06 2018  
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Quant Title : SW846 8260  
QLast Update : Tue Aug 07 08:22:01 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004505.D

Acq: 07 Aug 2018 21:11

Instrument :

MSVOA\_W

ClientSampleId :

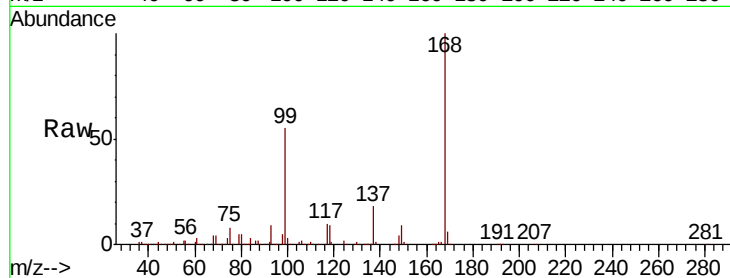
C-1

Tot Ion:168 Resp: 492931

Ion Ratio Lower Upper

168 100

99 55.2 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

150000

100000

50000

0

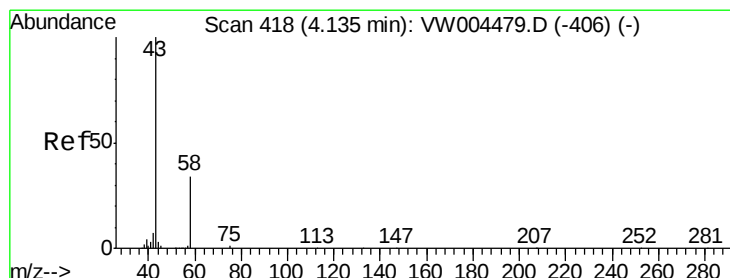
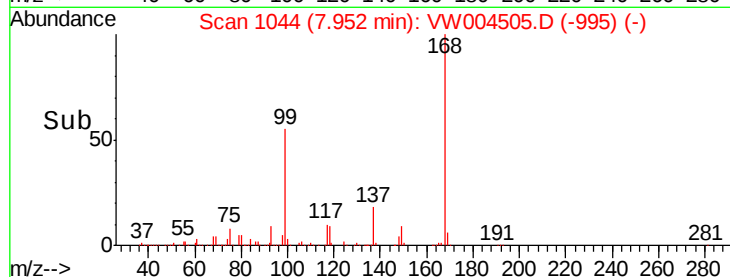
7.80

7.90

8.00

8.10

Time-->



#16

Acetone

Concen: 7.63 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.01 min

Lab File: VW004505.D

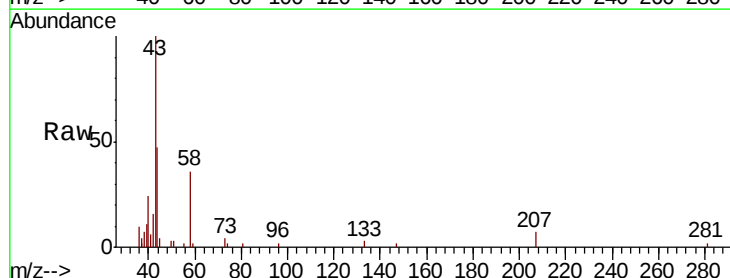
Acq: 07 Aug 2018 21:11

Tgt Ion: 43 Resp: 10399

Ion Ratio Lower Upper

43 100

58 37.9 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

3000

2000

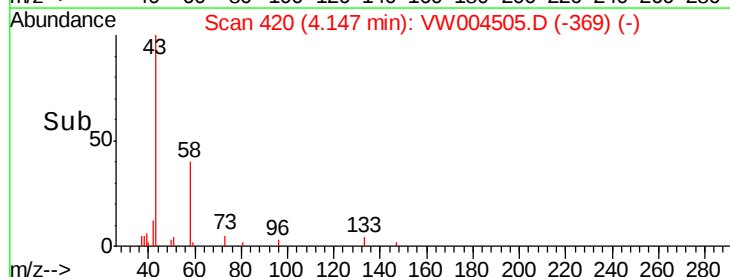
1000

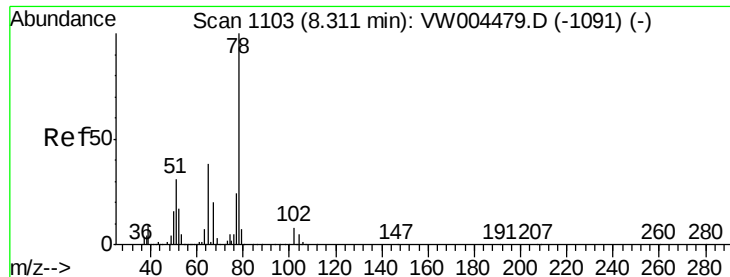
0

4.10

4.20

Time-->

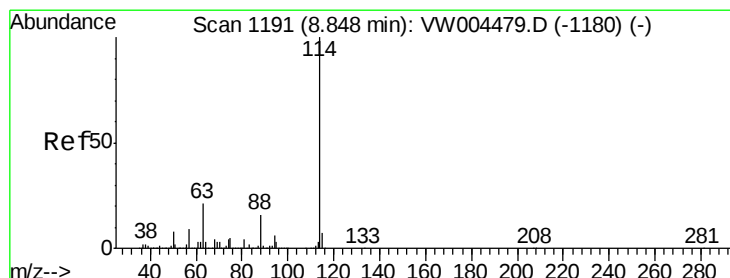
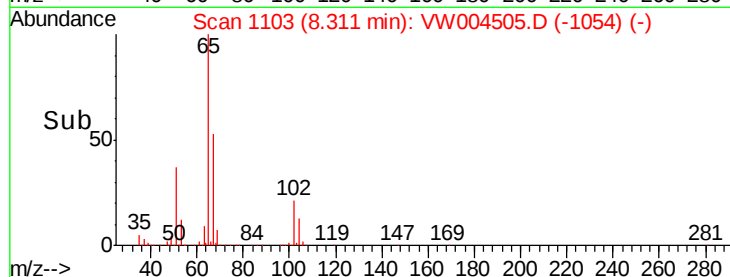
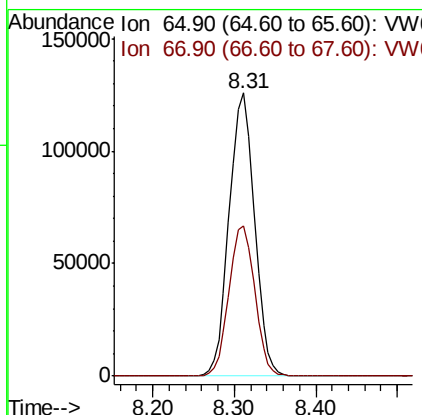
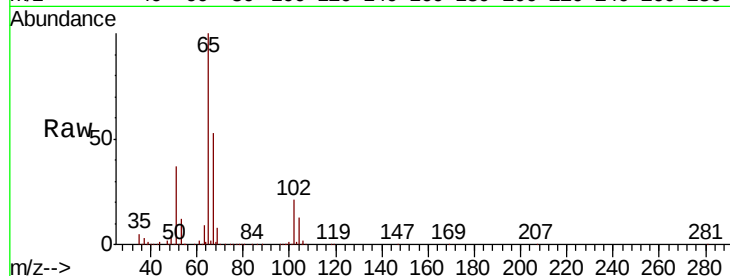




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.55 ug/l  
 RT: 8.31 min Scan# 1103  
 Delta R.T. -0.00 min  
 Lab File: VW004505.D  
 Acq: 07 Aug 2018 21:11

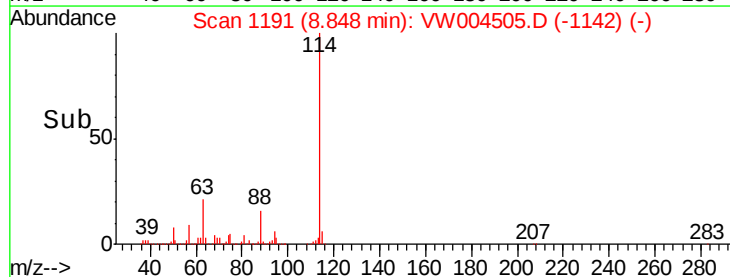
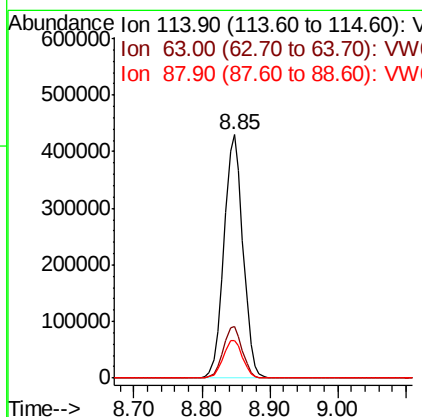
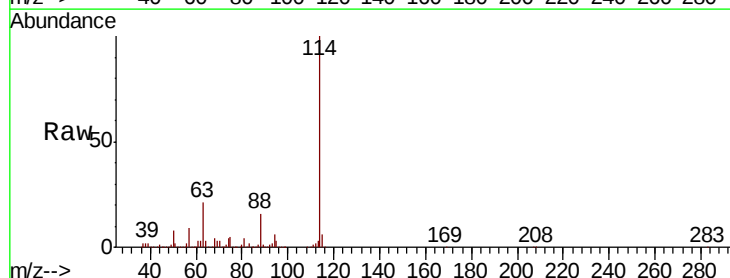
Instrument :  
 MSVOA\_W  
 ClientSampled :  
 C-1

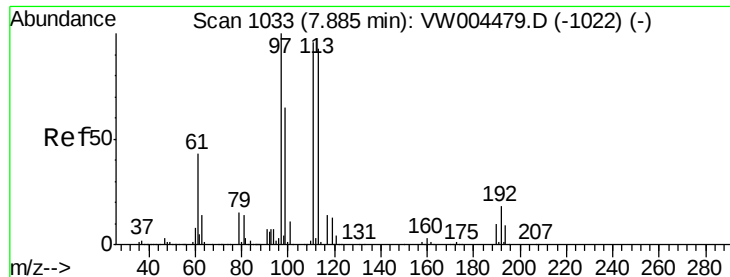
Tot Ion: 65 Resp: 270398  
 Ion Ratio Lower Upper  
 65 100  
 67 53.9 0.0 109.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.85 min Scan# 1191  
 Delta R.T. -0.00 min  
 Lab File: VW004505.D  
 Acq: 07 Aug 2018 21:11

Tgt Ion: 114 Resp: 830332  
 Ion Ratio Lower Upper  
 114 100  
 63 21.1 0.0 42.4  
 88 15.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 44.63 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW004505.D

Acq: 07 Aug 2018 21:11

Instrument :  
MSVOA\_W  
ClientSampled :  
C-1

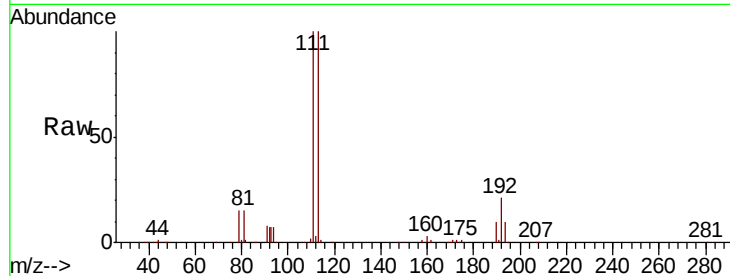
Tot Ion:113 Resp: 247071

Ion Ratio Lower Upper

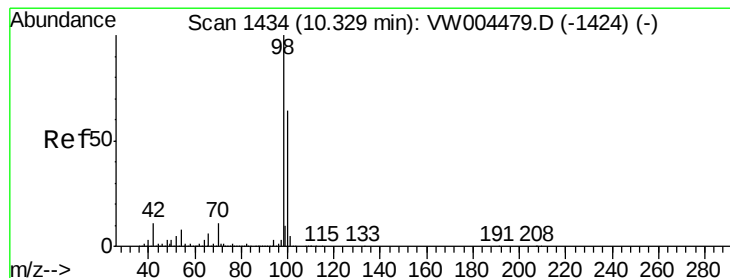
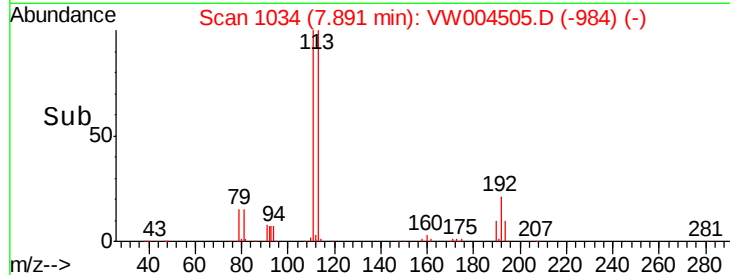
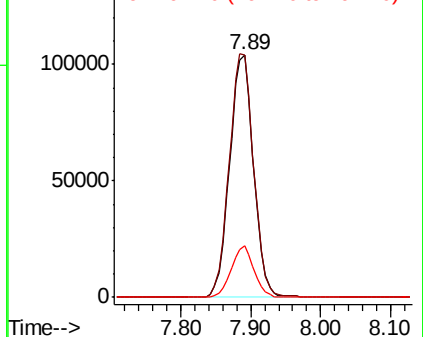
113 100

111 101.7 82.9 124.3

192 20.1 15.8 23.6



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: 33.33 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004505.D

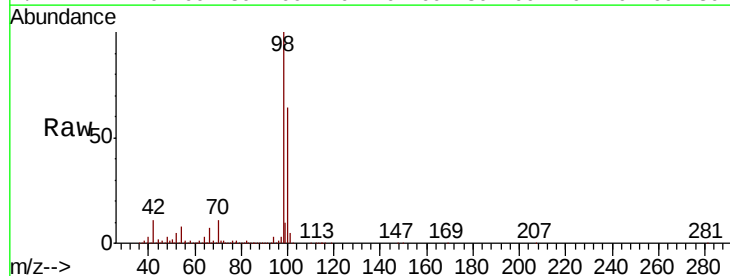
Acq: 07 Aug 2018 21:11

Tgt Ion: 98 Resp: 703515

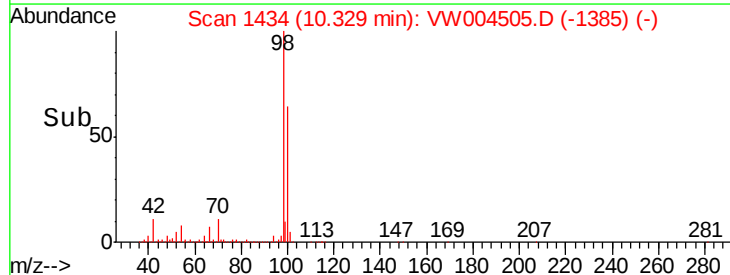
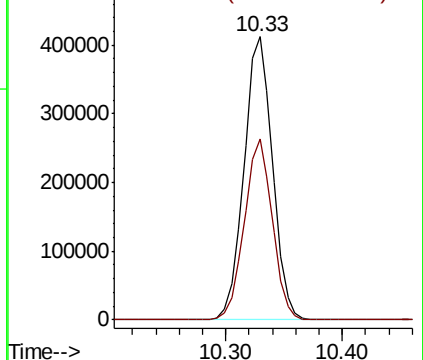
Ion Ratio Lower Upper

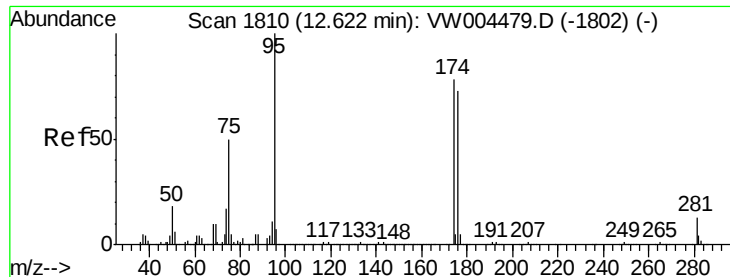
98 100

100 62.8 51.4 77.2



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

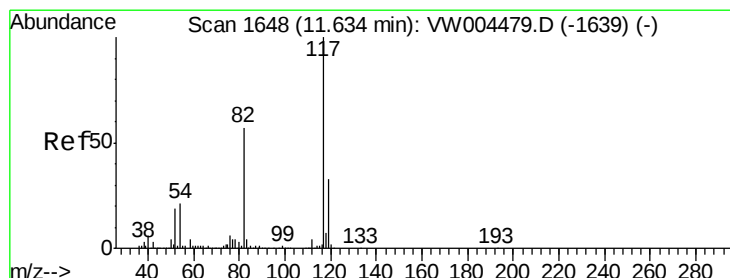
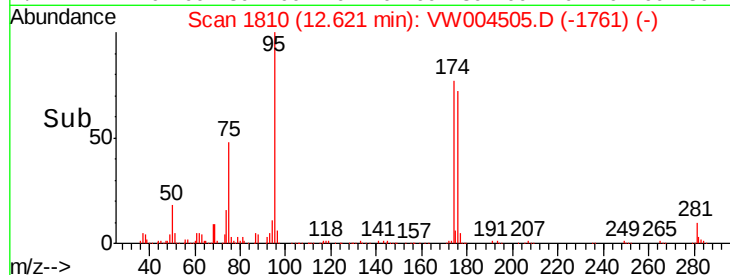
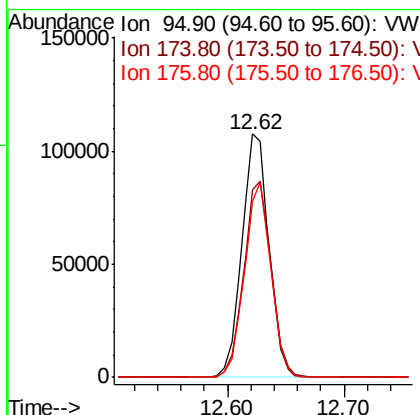
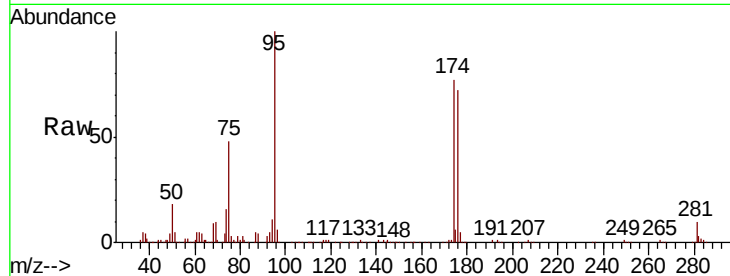




#62  
4-Bromofluorobenzene  
Concen: 22.91 ug/l  
RT: 12.62 min Scan# 1810  
Delta R.T. -0.00 min  
Lab File: VW004505.D  
Acq: 07 Aug 2018 21:11

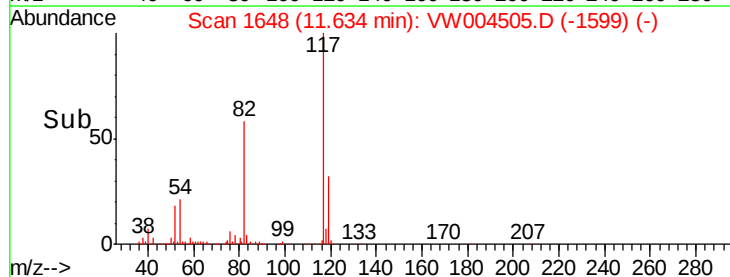
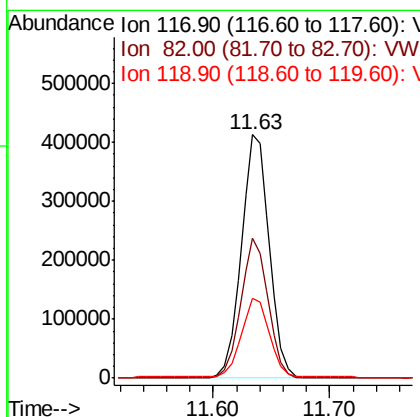
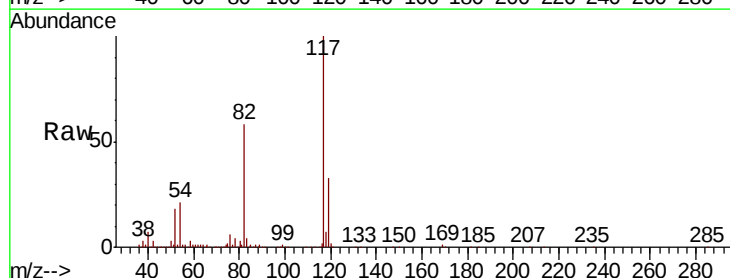
Instrument :  
MSVOA\_W  
ClientSampled :  
C-1

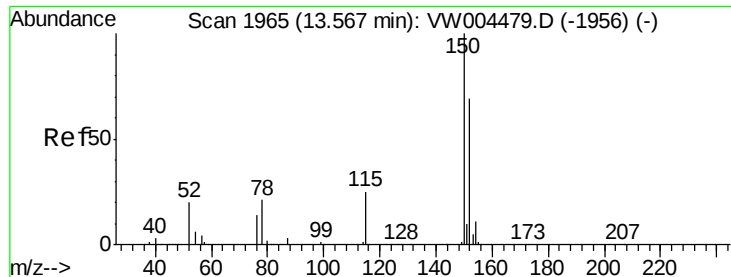
Tot Ion: 95 Resp: 174183  
Ion Ratio Lower Upper  
95 100  
174 82.0 0.0 160.4  
176 78.3 0.0 153.2



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.63 min Scan# 1648  
Delta R.T. -0.00 min  
Lab File: VW004505.D  
Acq: 07 Aug 2018 21:11

Tgt Ion: 117 Resp: 685799  
Ion Ratio Lower Upper  
117 100  
82 57.7 45.3 67.9  
119 32.4 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004505.D

Acq: 07 Aug 2018 21:11

Instrument :

MSVOA\_W

ClientSampleId :

C-1

Tot Ion:152 Resp: 205147

Ion Ratio Lower Upper

152 100

115 57.8 29.1 87.3

150 157.8 0.0 349.6

