

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU011019\  
 Data File : VU029126.D  
 Acq On : 10 Jan 2019 18:42  
 Operator : MD/SY  
 Sample : K1123-02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 CPGP-02

Quant Time: Jan 11 04:09:16 2019  
 Quant Method : Z:\HPCHEM1\MSVOA\_U\METHOD\82U010319W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 04 02:22:53 2019  
 Response via : Initial Calibration

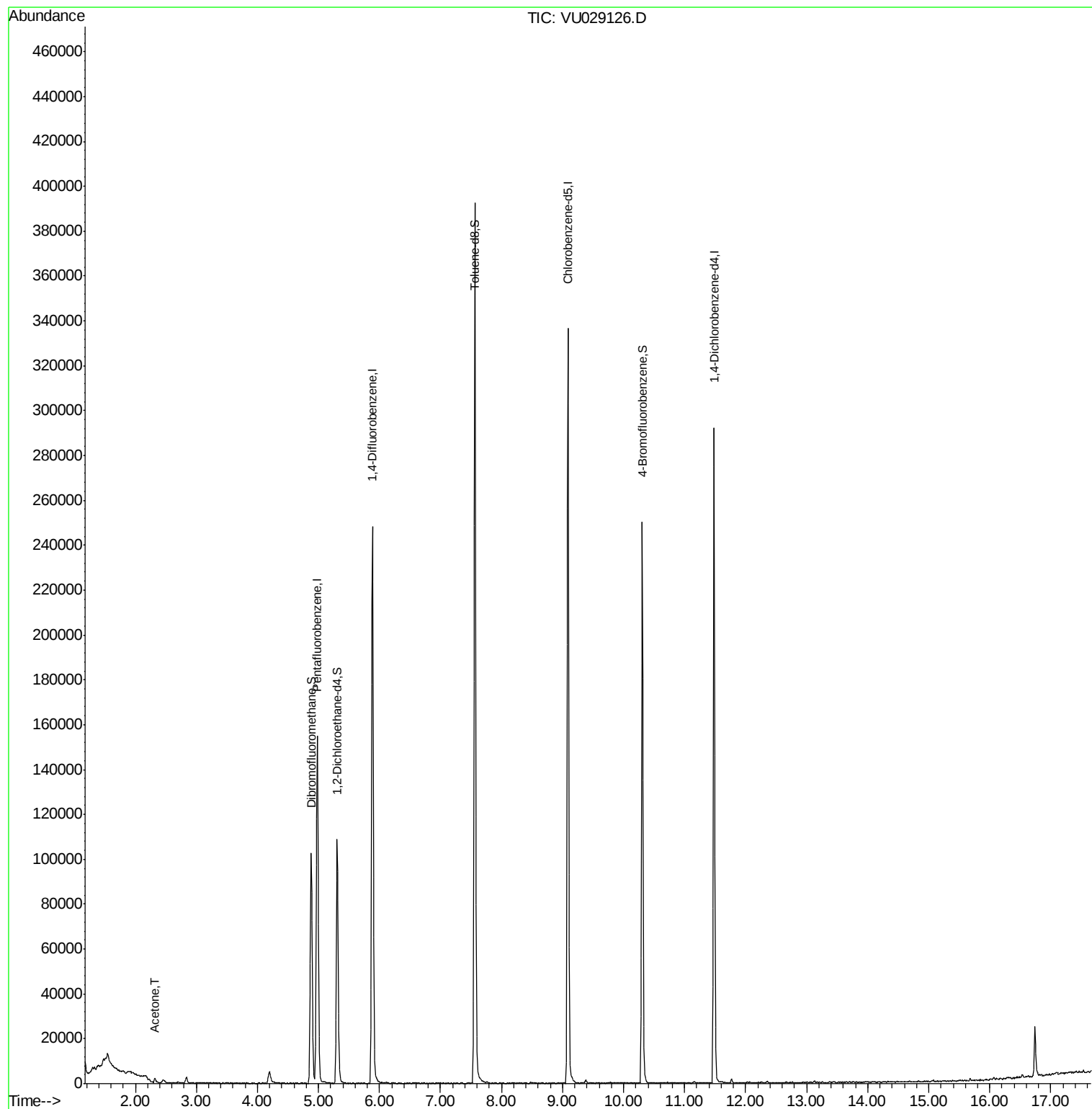
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|---------|-----------|
| 1) Pentafluorobenzene       | 4.98  | 168  | 126731   | 50.00 | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 5.88  | 114  | 223213   | 50.00 | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 9.09  | 117  | 198780   | 50.00 | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 11.48 | 152  | 80619    | 50.00 | ug/l    | 0.00      |
| System Monitoring Compounds |       |      |          |       |         |           |
| 33) 1,2-Dichloroethane-d4   | 5.31  | 65   | 83781    | 53.48 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 106.96% |           |
| 35) Dibromofluoromethane    | 4.88  | 113  | 74030    | 51.16 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 102.32% |           |
| 50) Toluene-d8              | 7.56  | 98   | 272440   | 47.69 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 95.38%  |           |
| 62) 4-Bromofluorobenzene    | 10.30 | 95   | 86480    | 42.13 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 84.26%  |           |
| Target Compounds            |       |      |          |       |         |           |
| 16) Acetone                 | 2.32  | 43   | 2205     | 2.234 | ug/l #  | Qvalue 86 |

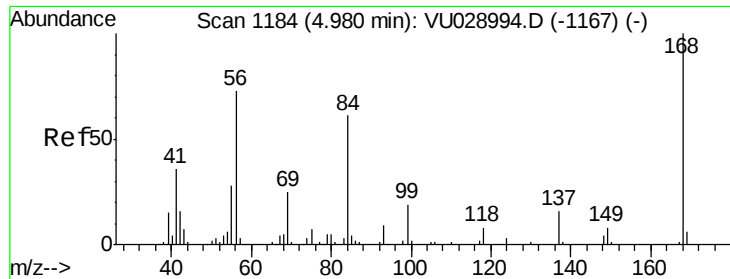
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Fri Jan 04 02:22:53 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VU029126.D

Acq: 10 Jan 2019 18:42

Instrument :

MSVOA\_U

ClientSampleId :

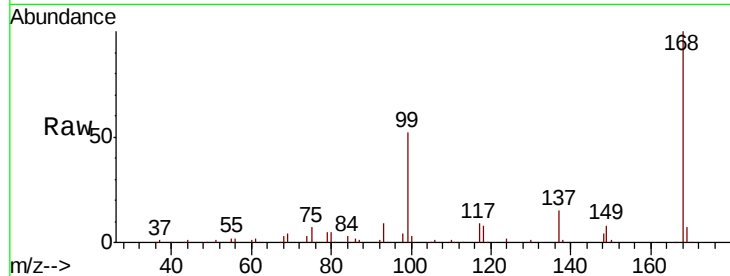
CPGP-02

Tgt Ion:168 Resp: 126731

Ion Ratio Lower Upper

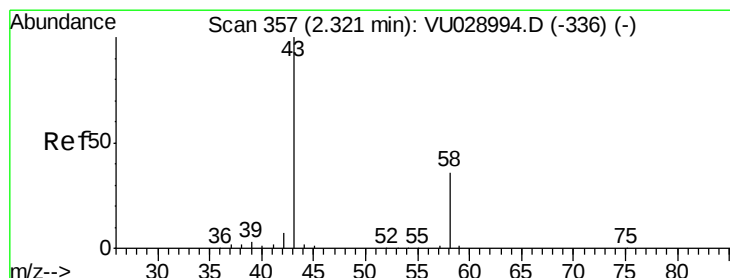
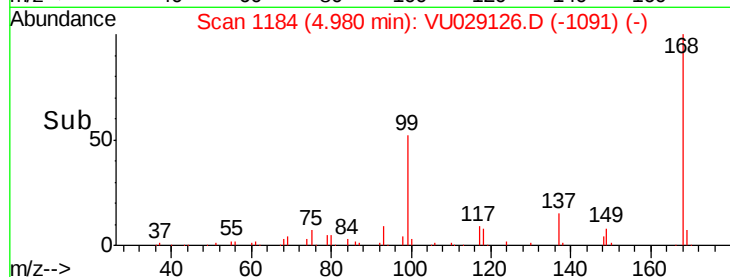
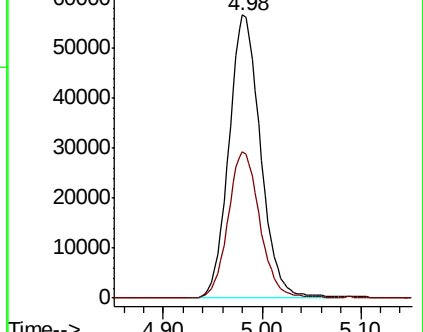
168 100

99 51.7 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028994.D (-1167) (-)



#16

Acetone

Concen: 2.234 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029126.D

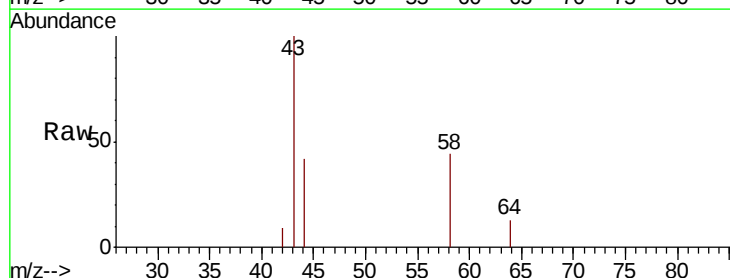
Acq: 10 Jan 2019 18:42

Tgt Ion: 43 Resp: 2205

Ion Ratio Lower Upper

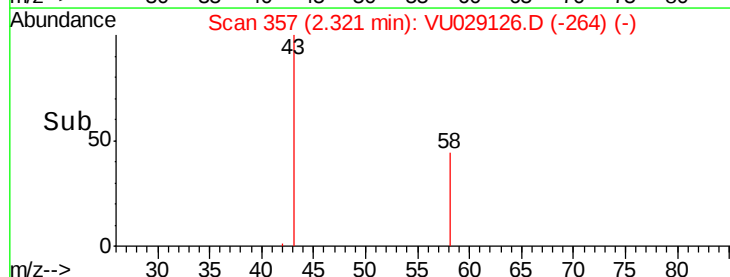
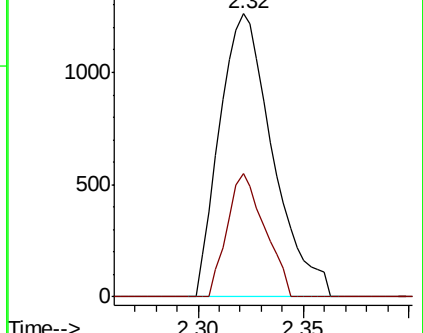
43 100

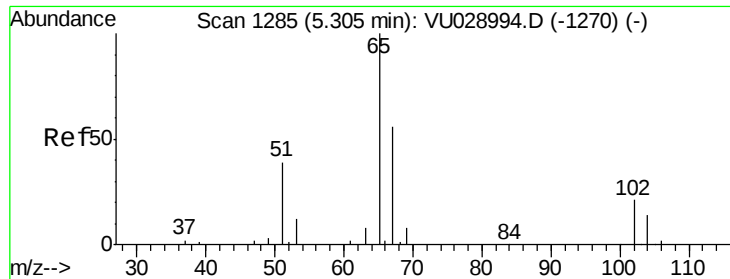
58 43.7 28.6 42.8#



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU028994.D (-336) (-)

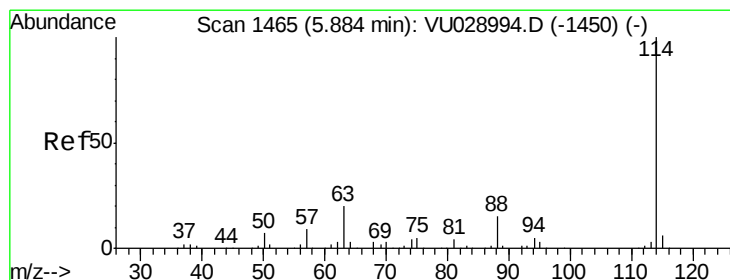
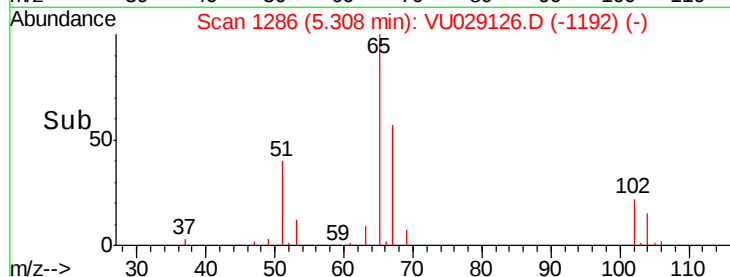
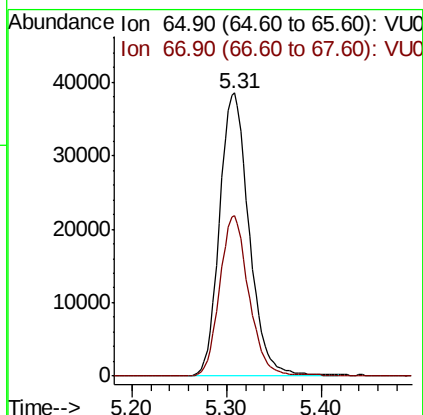
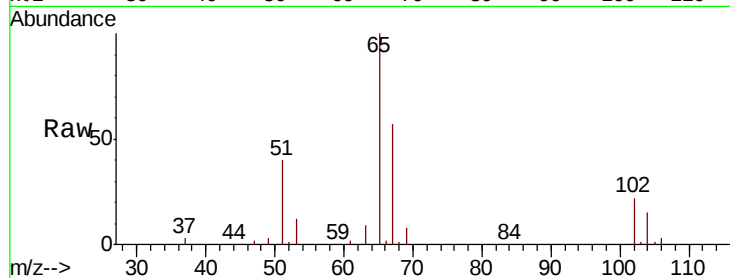




#33  
 1,2-Dichloroethane-d4  
 Concen: 53.478 ug/l  
 RT: 5.31 min Scan# 1286  
 Delta R.T. 0.00 min  
 Lab File: VU029126.D  
 Acq: 10 Jan 2019 18:42

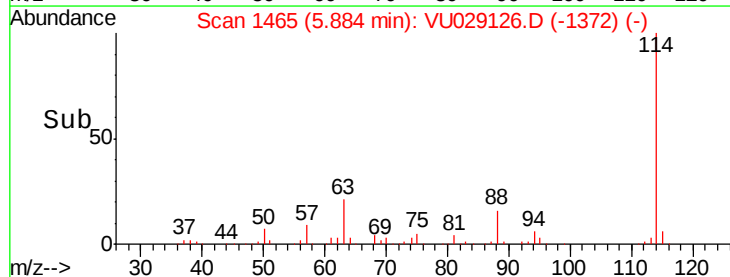
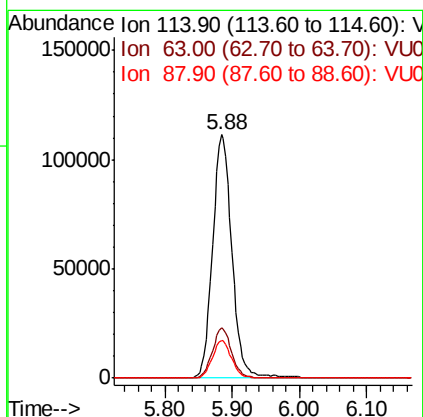
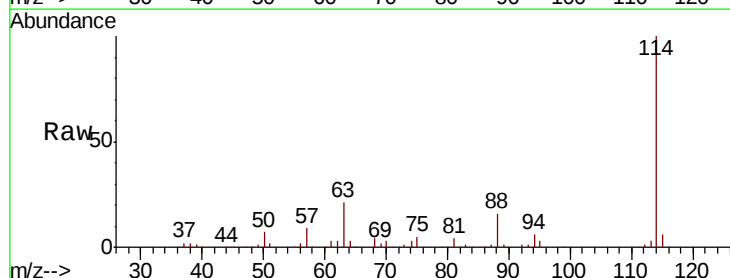
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 CPGP-02

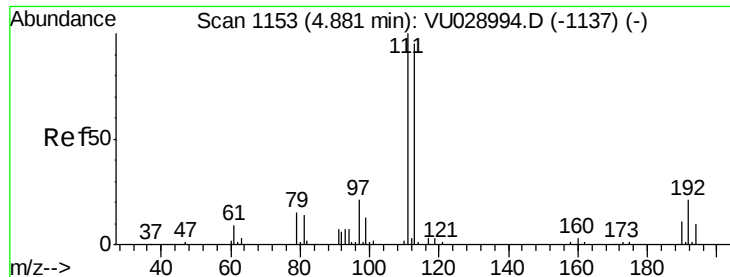
Tgt Ion: 65 Resp: 83781  
 Ion Ratio Lower Upper  
 65 100  
 67 55.8 0.0 111.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.88 min Scan# 1465  
 Delta R.T. 0.00 min  
 Lab File: VU029126.D  
 Acq: 10 Jan 2019 18:42

Tgt Ion: 114 Resp: 223213  
 Ion Ratio Lower Upper  
 114 100  
 63 20.6 0.0 40.2  
 88 15.5 0.0 30.4





#35

Dibromofluoromethane

Concen: 51.163 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU029126.D

Acq: 10 Jan 2019 18:42

Instrument :

MSVOA\_U

ClientSampleId :

CPGP-02

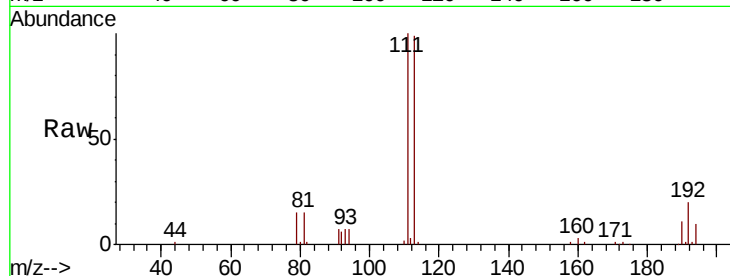
Tgt Ion:113 Resp: 74030

Ion Ratio Lower Upper

113 100

111 101.2 81.4 122.2

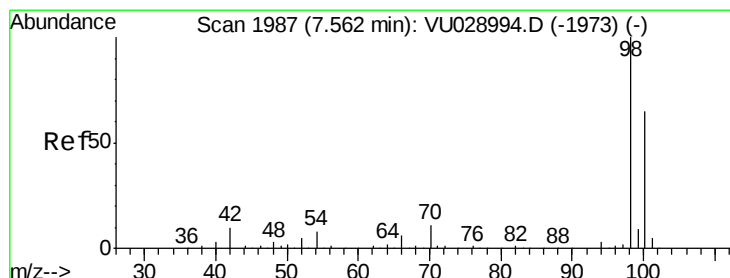
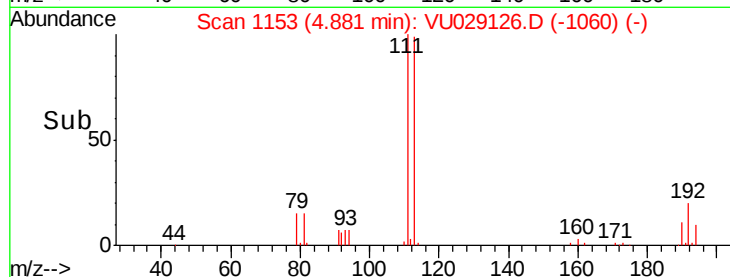
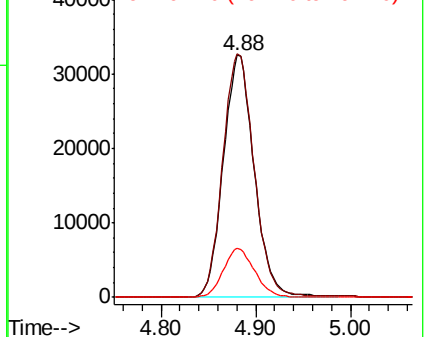
192 20.3 16.8 25.2



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: 47.694 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029126.D

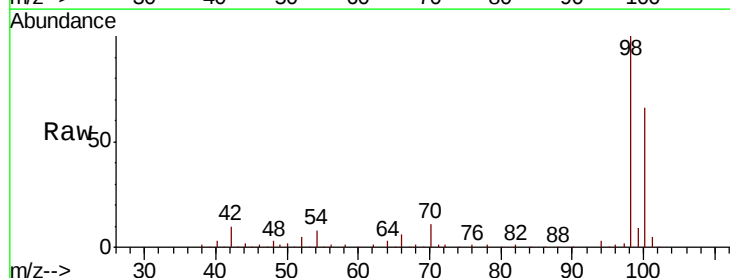
Acq: 10 Jan 2019 18:42

Tgt Ion: 98 Resp: 272440

Ion Ratio Lower Upper

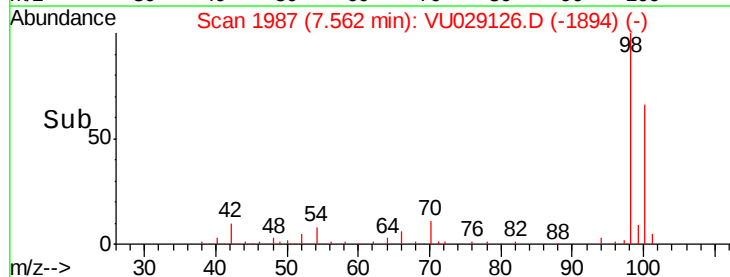
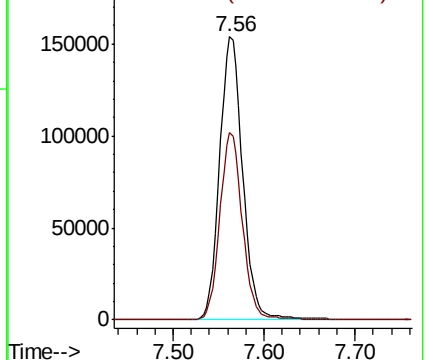
98 100

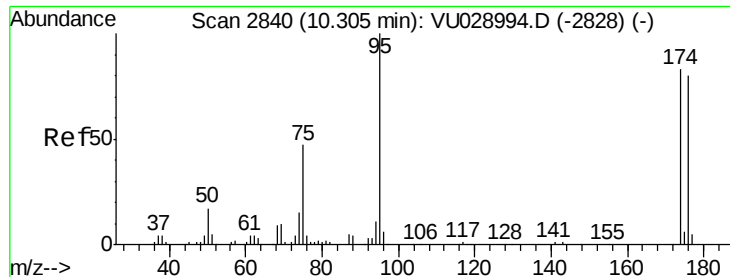
100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 42.126 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU029126.D

Acq: 10 Jan 2019 18:42

Instrument :

MSVOA\_U

ClientSampleId :

CPGP-02

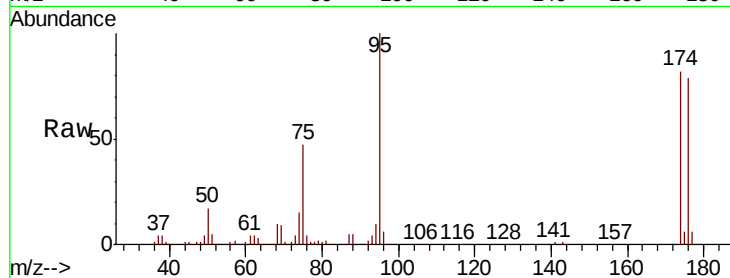
Tgt Ion: 95 Resp: 86480

Ion Ratio Lower Upper

95 100

174 83.9 0.0 170.6

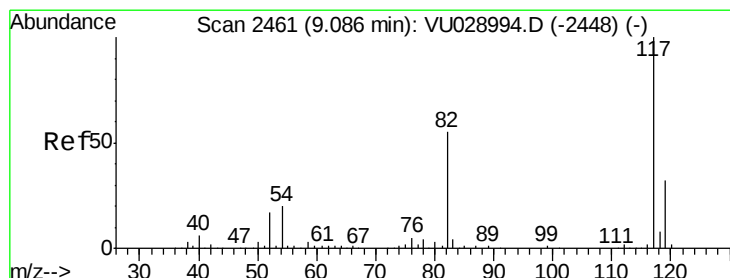
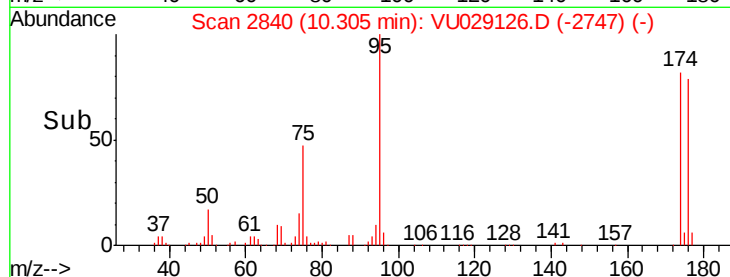
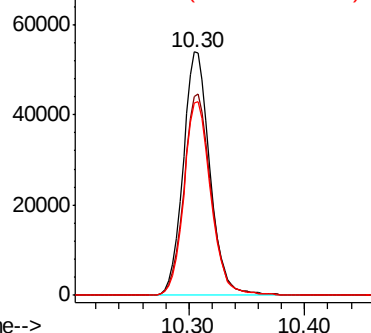
176 79.9 0.0 165.0



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VU029126.D

Acq: 10 Jan 2019 18:42

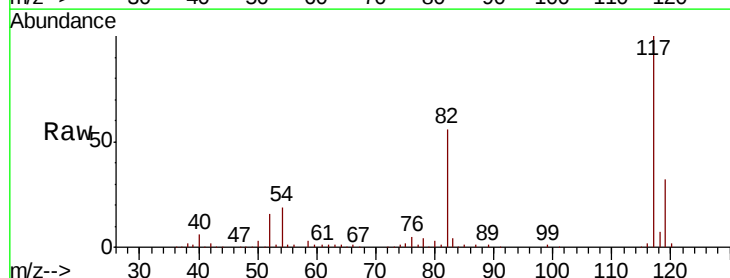
Tgt Ion: 117 Resp: 198780

Ion Ratio Lower Upper

117 100

82 55.6 43.9 65.9

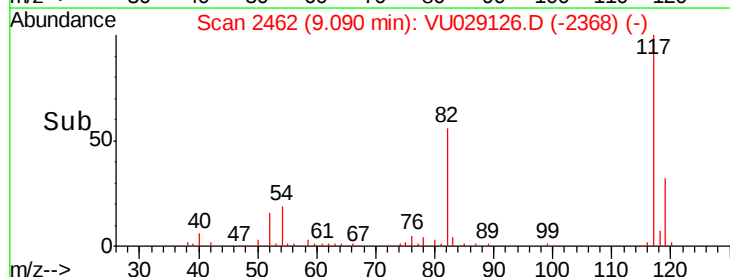
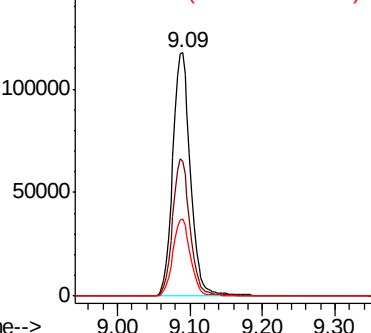
119 31.7 26.0 39.0

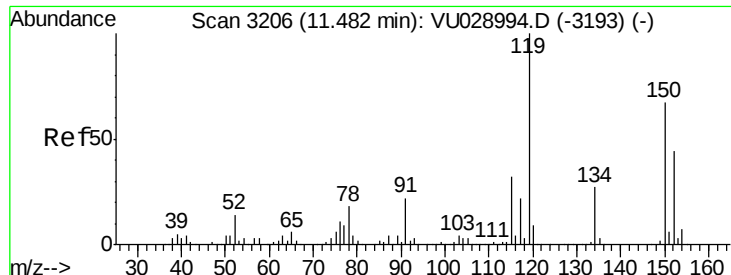


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 11.48 min Scan# 3206  
 Delta R.T. 0.00 min  
 Lab File: VU029126.D  
 Acq: 10 Jan 2019 18:42

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 CPGP-02

Tgt Ion:152 Resp: 80619  
 Ion Ratio Lower Upper  
 152 100  
 115 56.5 40.1 120.3  
 150 155.6 0.0 345.2

