

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU111218\  
 Data File : VU028078.D  
 Acq On : 12 Nov 2018 20:34  
 Operator : MD/SY  
 Sample : J5909-13  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 SB-15

Quant Time: Nov 13 12:14:04 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U110218W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 02 02:28:20 2018  
 Response via : Initial Calibration

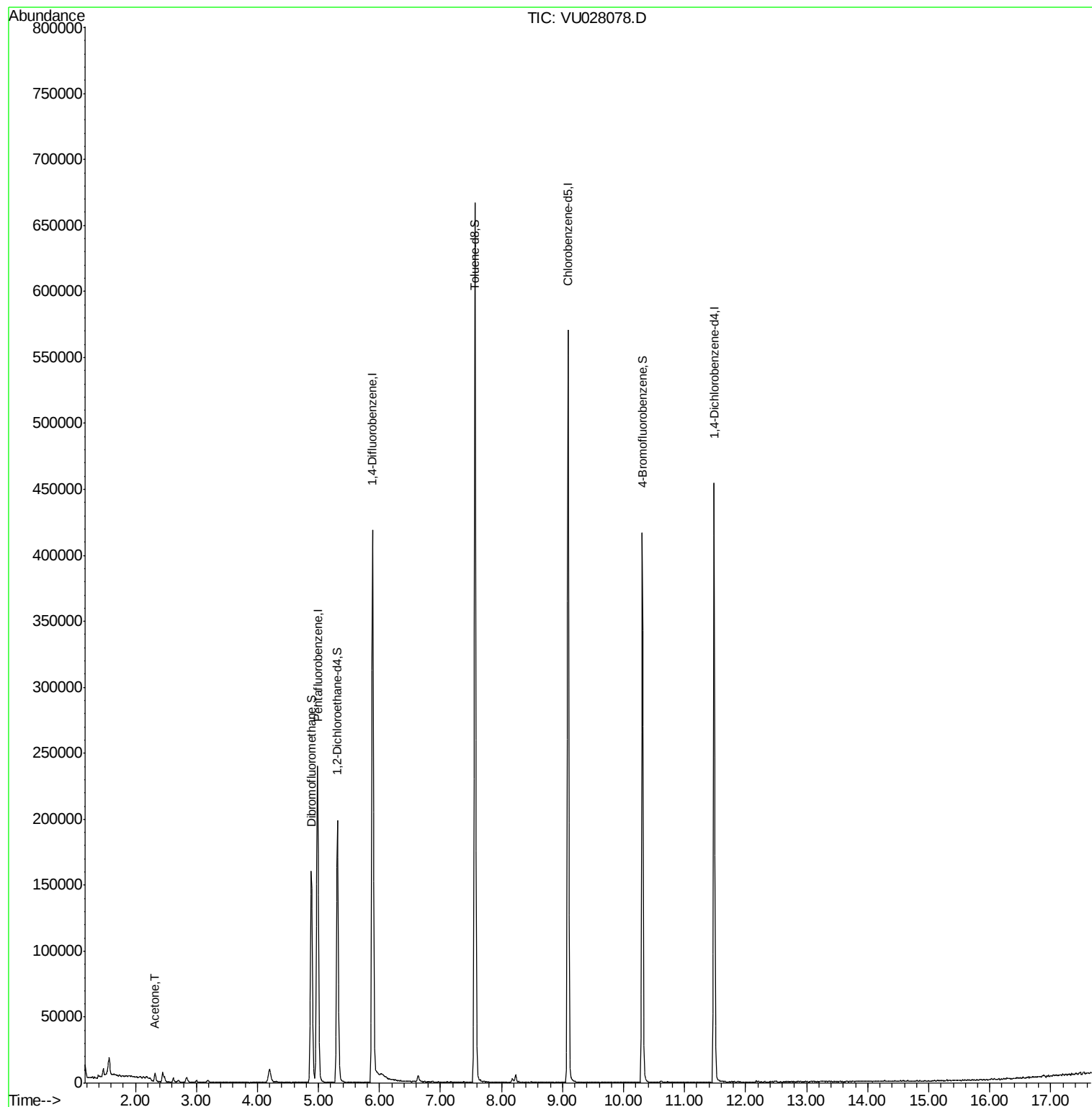
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|---------|-----------|
| 1) Pentafluorobenzene       | 4.98  | 168  | 175149   | 50.00 | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 5.89  | 114  | 331612   | 50.00 | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 9.09  | 117  | 288409   | 50.00 | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 11.48 | 152  | 110966   | 50.00 | ug/l    | 0.00      |
| System Monitoring Compounds |       |      |          |       |         |           |
| 33) 1,2-Dichloroethane-d4   | 5.31  | 65   | 151704   | 58.26 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 116.52% |           |
| 35) Dibromofluoromethane    | 4.88  | 113  | 109269   | 52.26 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 104.52% |           |
| 50) Toluene-d8              | 7.57  | 98   | 423830   | 52.47 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 104.94% |           |
| 62) 4-Bromofluorobenzene    | 10.31 | 95   | 133462   | 44.80 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 89.60%  |           |
| Target Compounds            |       |      |          |       |         |           |
| 16) Acetone                 | 2.32  | 43   | 7097     | 4.393 | ug/l    | Qvalue 92 |

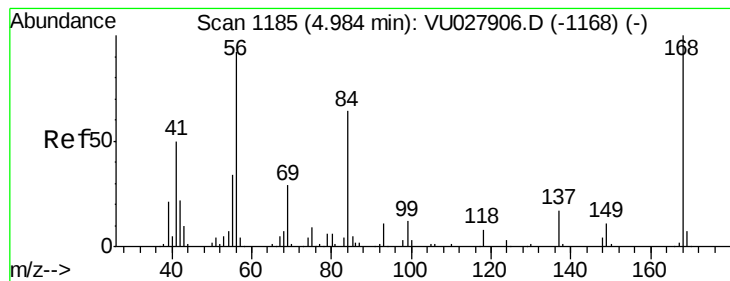
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Fri Nov 02 02:28:20 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU028078.D

Acq: 12 Nov 2018 20:34

Instrument :

MSVOA\_U

ClientSampleId :

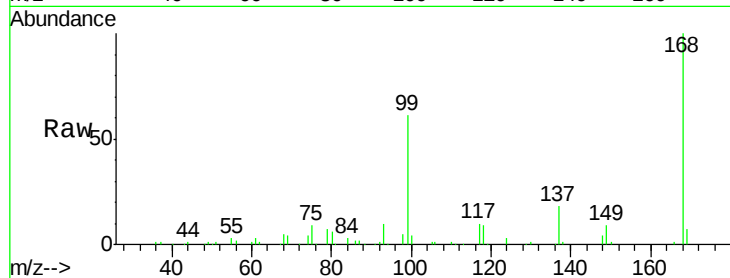
SB-15

Tgt Ion:168 Resp: 175149

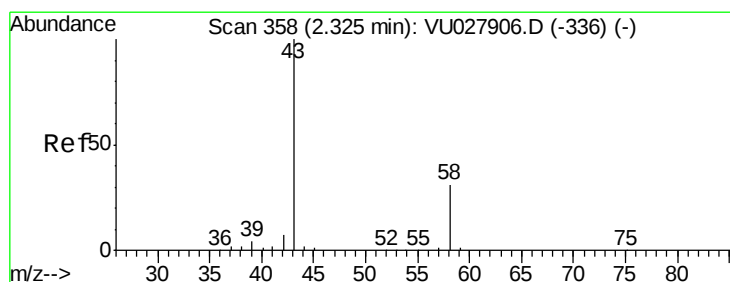
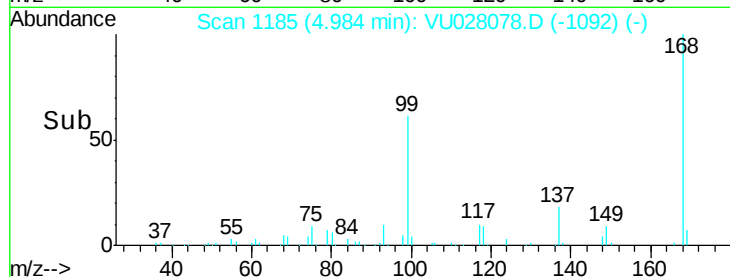
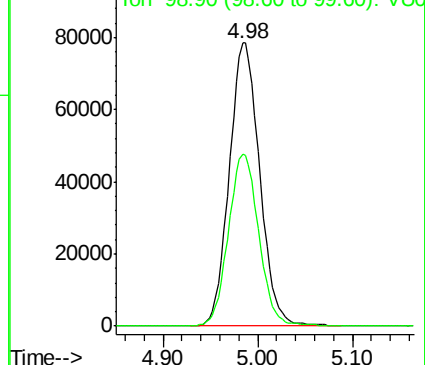
Ion Ratio Lower Upper

168 100

99 60.8 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU028078.D (-1092) (-)



#16

Acetone

Concen: 4.393 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028078.D

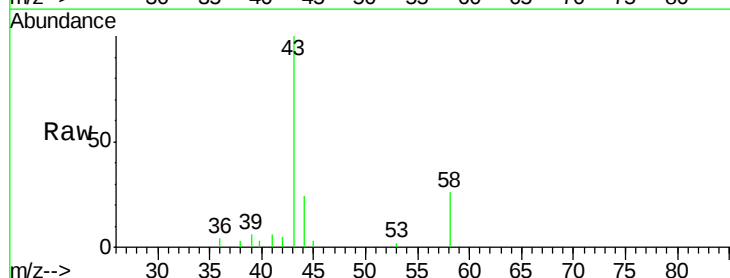
Acq: 12 Nov 2018 20:34

Tgt Ion: 43 Resp: 7097

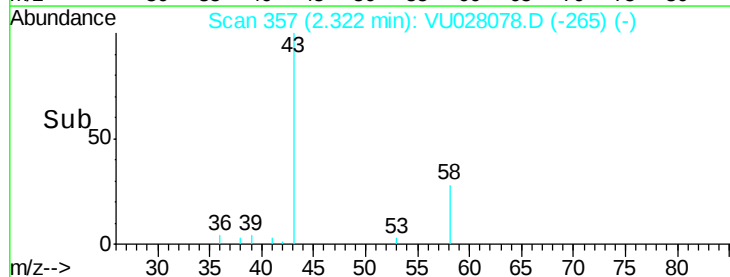
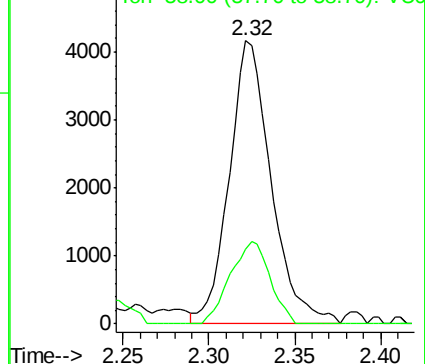
Ion Ratio Lower Upper

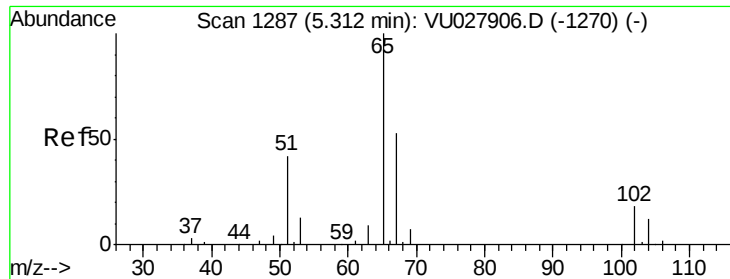
43 100

58 26.3 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU028078.D (-265) (-)

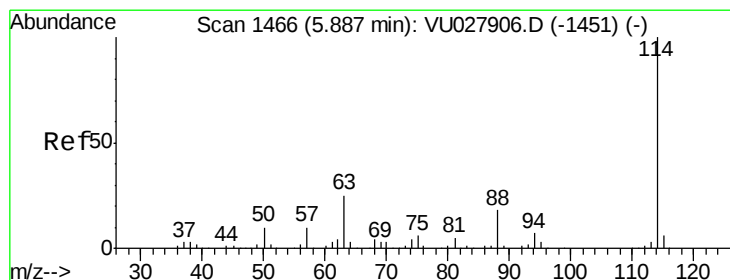
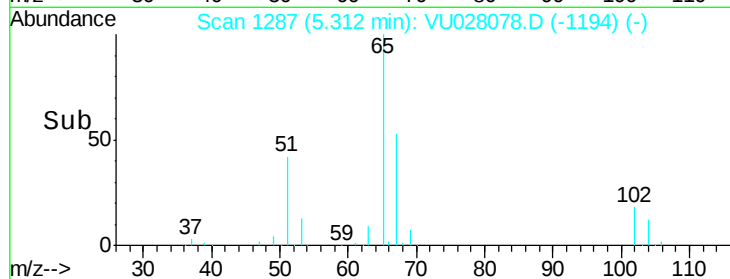
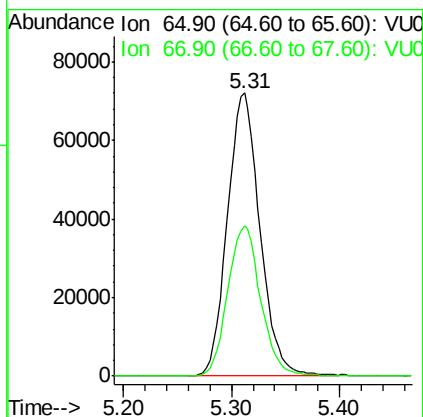
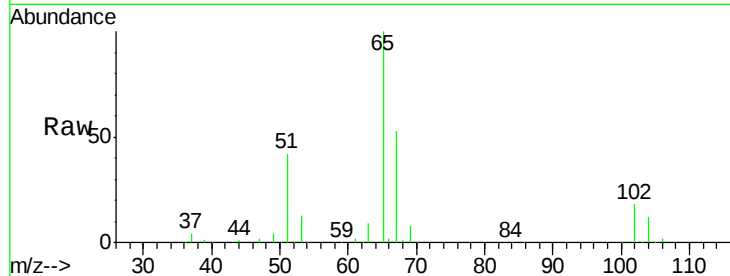




#33  
 1,2-Dichloroethane-d4  
 Concen: 58.257 ug/l  
 RT: 5.31 min Scan# 1287  
 Delta R.T. 0.00 min  
 Lab File: VU028078.D  
 Acq: 12 Nov 2018 20:34

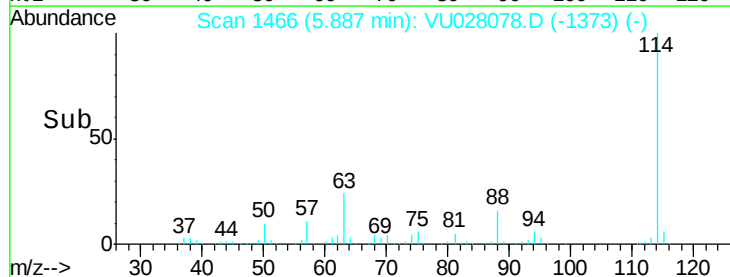
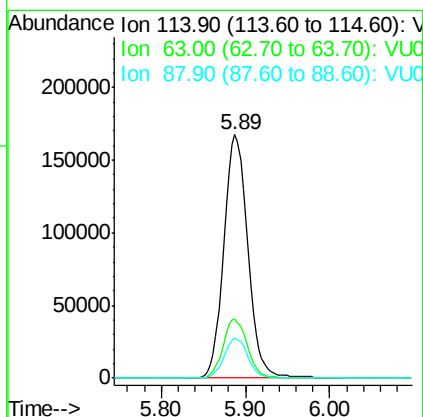
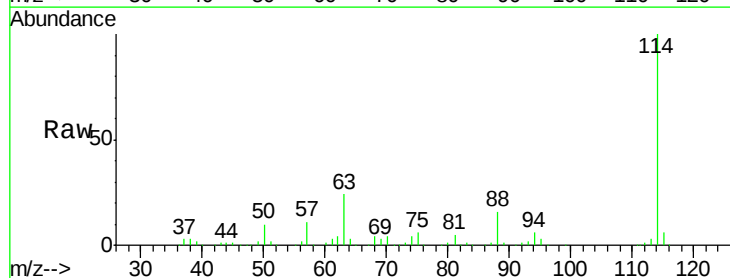
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 SB-15

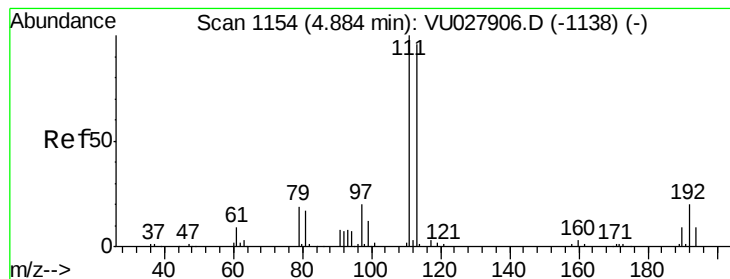
Tgt Ion: 65 Resp: 151704  
 Ion Ratio Lower Upper  
 65 100  
 67 53.7 0.0 109.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.89 min Scan# 1466  
 Delta R.T. 0.00 min  
 Lab File: VU028078.D  
 Acq: 12 Nov 2018 20:34

Tgt Ion: 114 Resp: 331612  
 Ion Ratio Lower Upper  
 114 100  
 63 24.2 0.0 50.8  
 88 16.4 0.0 35.8





#35

Dibromofluoromethane

Concen: 52.260 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU028078.D

Acq: 12 Nov 2018 20:34

Instrument :

MSVOA\_U

ClientSampleId :

SB-15

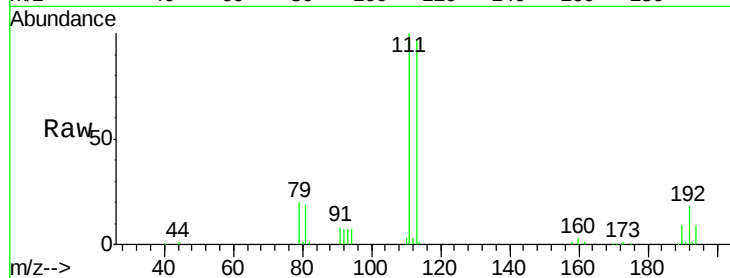
Tgt Ion:113 Resp: 109269

Ion Ratio Lower Upper

113 100

111 103.7 83.0 124.6

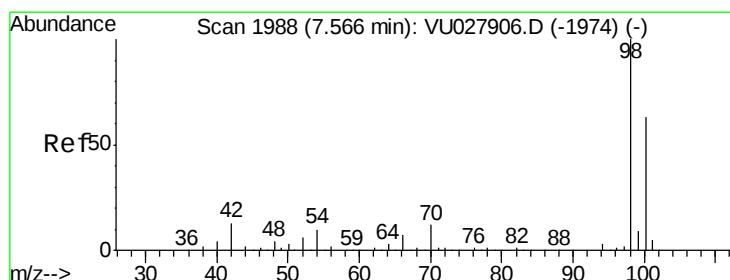
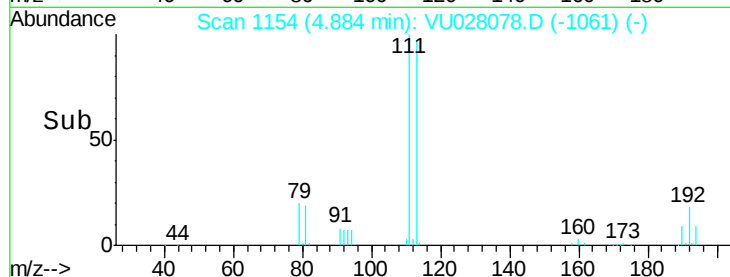
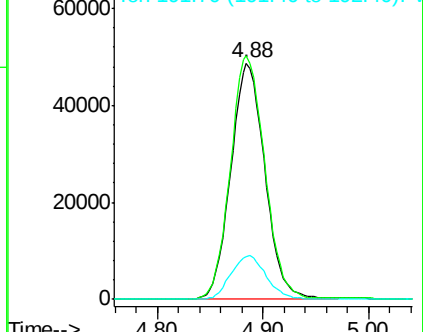
192 19.2 15.6 23.4



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: 52.475 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028078.D

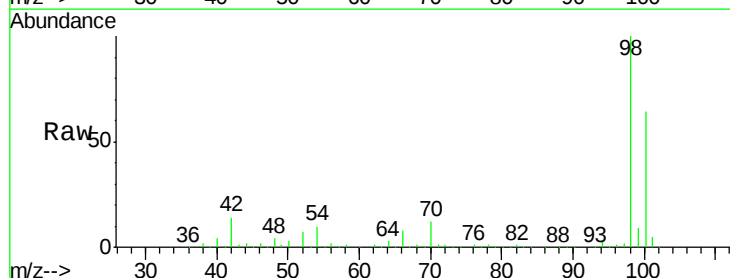
Acq: 12 Nov 2018 20:34

Tgt Ion: 98 Resp: 423830

Ion Ratio Lower Upper

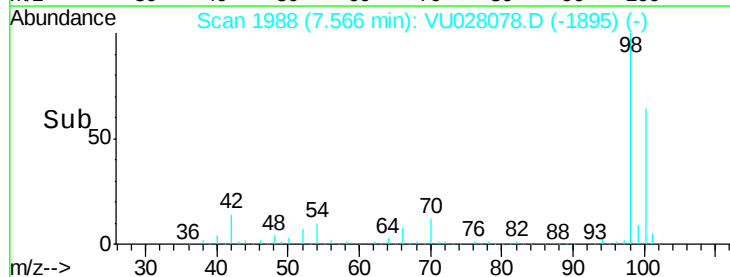
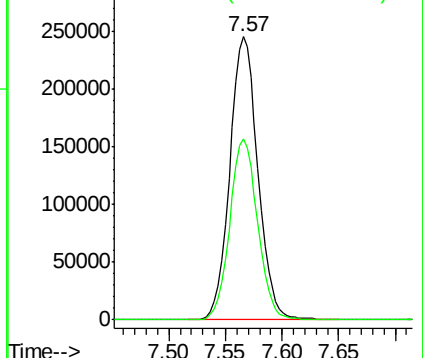
98 100

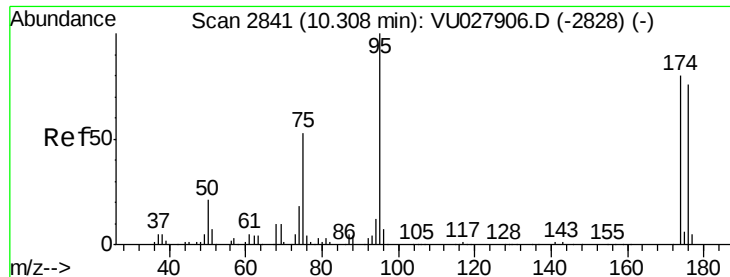
100 63.5 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

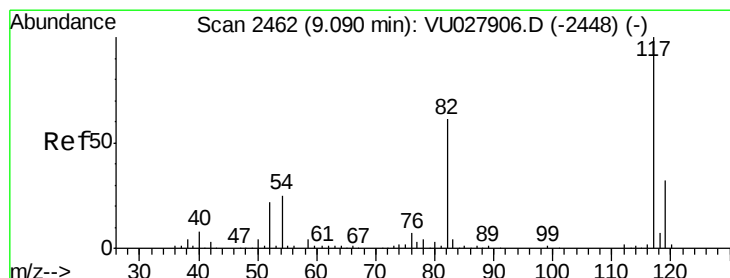
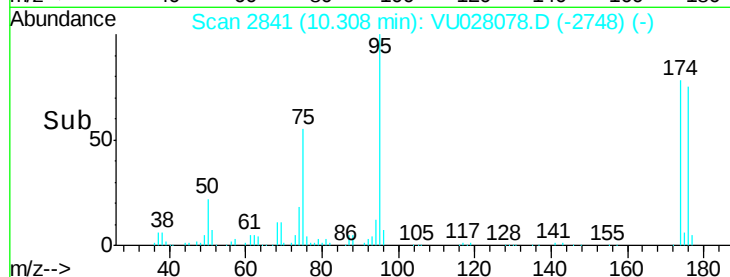
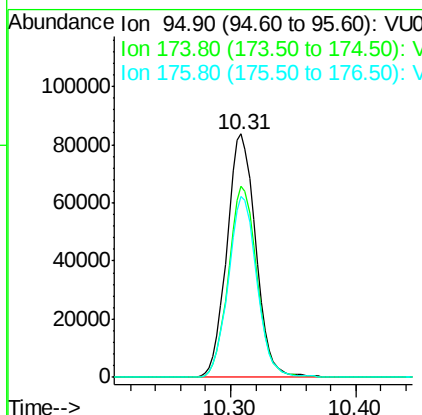
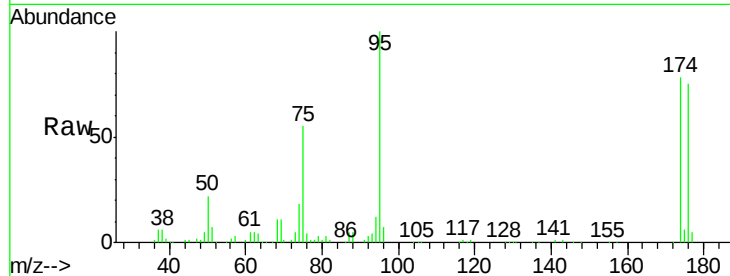




#62  
4-Bromofluorobenzene  
Concen: 44.800 ug/l  
RT: 10.31 min Scan# 2841  
Delta R.T. 0.00 min  
Lab File: VU028078.D  
Acq: 12 Nov 2018 20:34

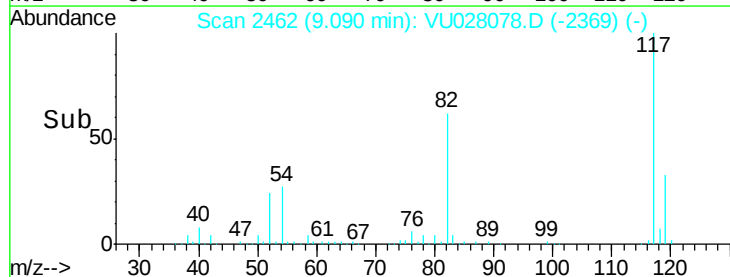
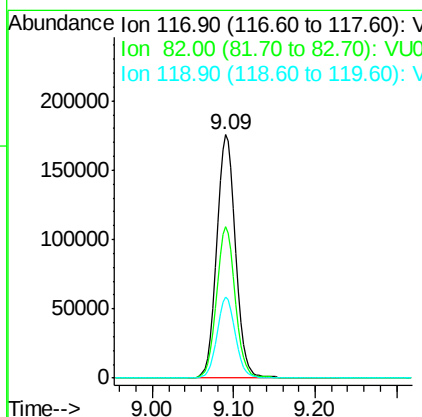
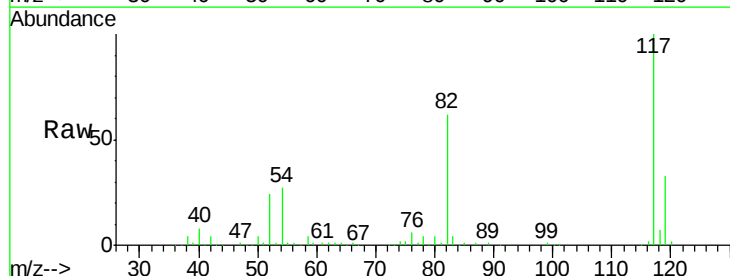
Instrument :  
MSVOA\_U  
ClientSampled :  
SB-15

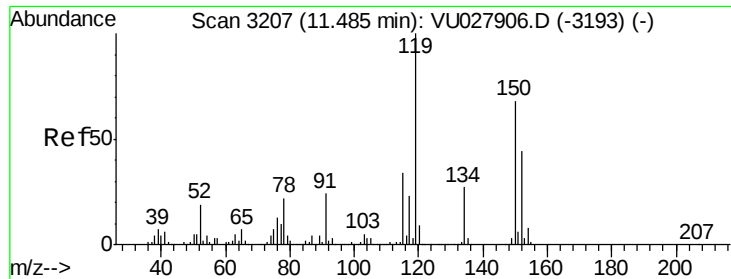
Tgt Ion: 95 Resp: 133462  
Ion Ratio Lower Upper  
95 100  
174 77.7 0.0 156.4  
176 73.9 0.0 150.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.09 min Scan# 2462  
Delta R.T. 0.00 min  
Lab File: VU028078.D  
Acq: 12 Nov 2018 20:34

Tgt Ion: 117 Resp: 288409  
Ion Ratio Lower Upper  
117 100  
82 62.0 48.6 73.0  
119 33.3 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028078.D

Acq: 12 Nov 2018 20:34

Instrument :

MSVOA\_U

ClientSampleId :

SB-15

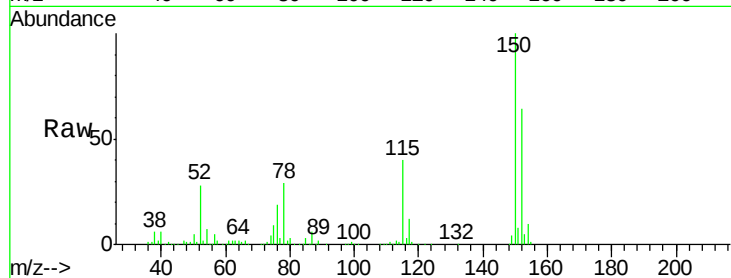
Tgt Ion:152 Resp: 110966

Ion Ratio Lower Upper

152 100

115 61.2 43.0 129.0

150 153.9 0.0 349.4



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

