

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121118\  
 Data File : VU028581.D  
 Acq On : 11 Dec 2018 04:04  
 Operator : MD/SY  
 Sample : J6314-24  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BP-EB02-20181207

Quant Time: Dec 11 08:17:20 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U120618W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 07 00:39:42 2018  
 Response via : Initial Calibration

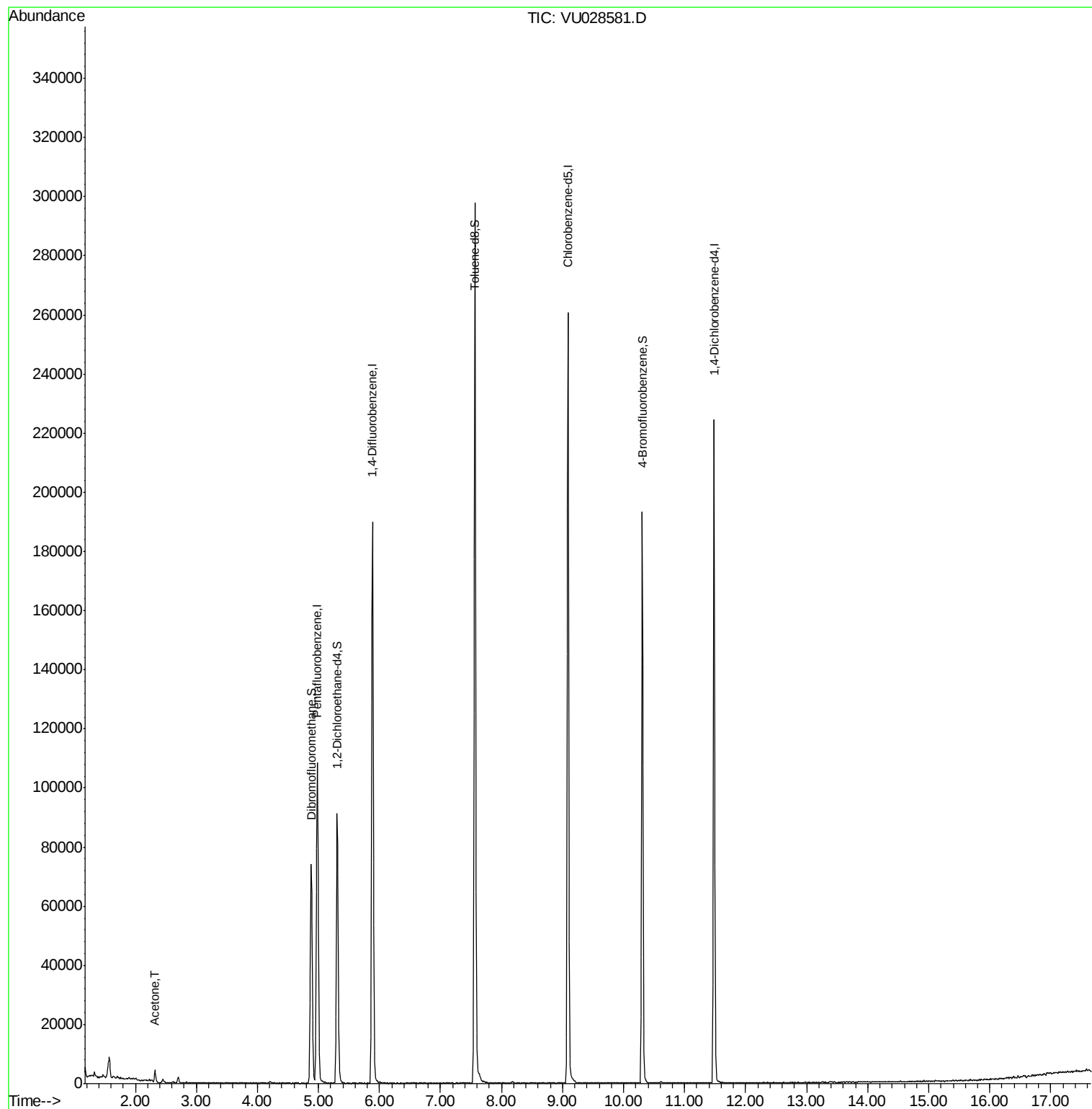
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|---------|-----------|
| 1) Pentafluorobenzene       | 4.98  | 168  | 80731    | 50.00 | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 5.89  | 114  | 150701   | 50.00 | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 9.09  | 117  | 136816   | 50.00 | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 11.48 | 152  | 53129    | 50.00 | ug/l    | 0.00      |
| System Monitoring Compounds |       |      |          |       |         |           |
| 33) 1,2-Dichloroethane-d4   | 5.31  | 65   | 69442    | 56.36 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 112.72% |           |
| 35) Dibromofluoromethane    | 4.88  | 113  | 51580    | 54.39 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 108.78% |           |
| 50) Toluene-d8              | 7.57  | 98   | 194936   | 51.96 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 103.92% |           |
| 62) 4-Bromofluorobenzene    | 10.30 | 95   | 64797    | 46.21 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 92.42%  |           |
| Target Compounds            |       |      |          |       |         |           |
| 16) Acetone                 | 2.32  | 43   | 4235     | 5.268 | ug/l    | Qvalue 99 |

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

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QLast Update : Fri Dec 07 00:39:42 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: VU028581.D

Acq: 11 Dec 2018 04:04

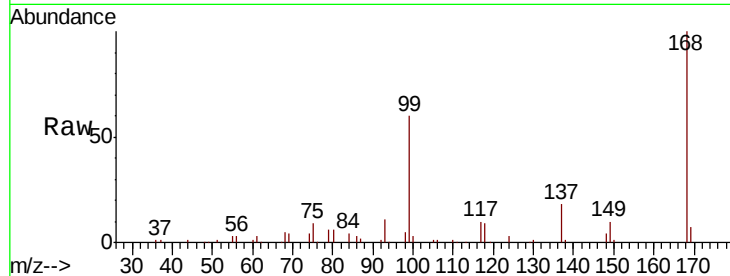
Instrument :  
MSVOA\_U  
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Tot Ion:168 Resp: 80731

Ion Ratio Lower Upper

168 100

99 60.4 46.6 69.8

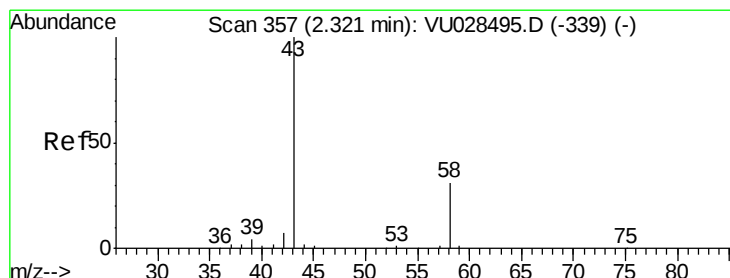
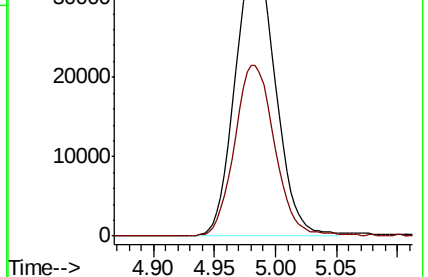
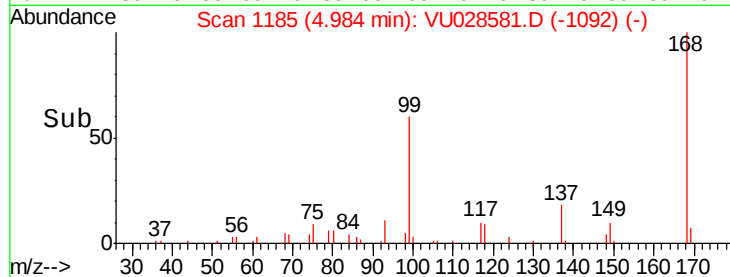


Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

4.90 4.95 5.00 5.05



#16

Acetone

Concen: 5.268 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028581.D

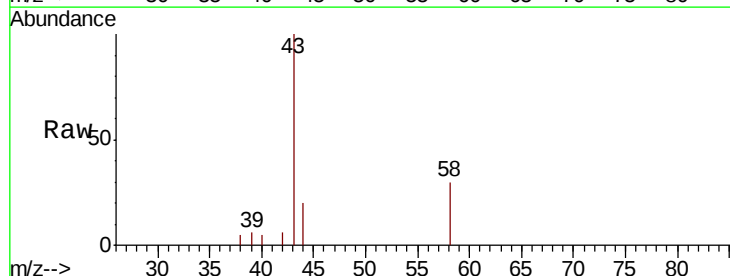
Acq: 11 Dec 2018 04:04

Tgt Ion: 43 Resp: 4235

Ion Ratio Lower Upper

43 100

58 30.2 24.6 37.0

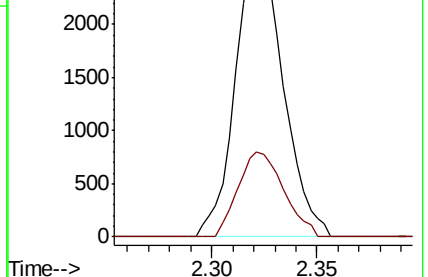
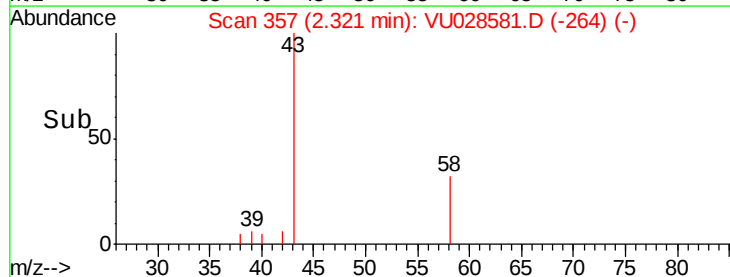


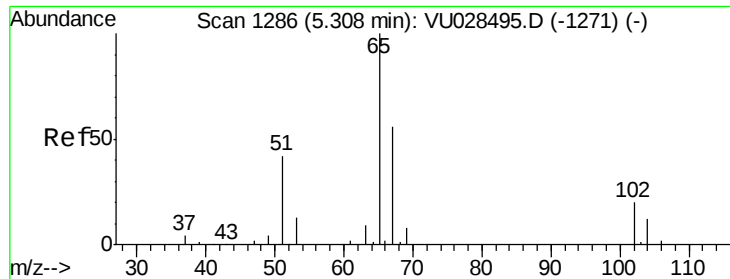
Abundance Ion 43.00 (42.70 to 43.70): VU028495.D (-339) (-)

Ion 58.00 (57.70 to 58.70): VU028495.D (-339) (-)

2.32

2.30 2.35

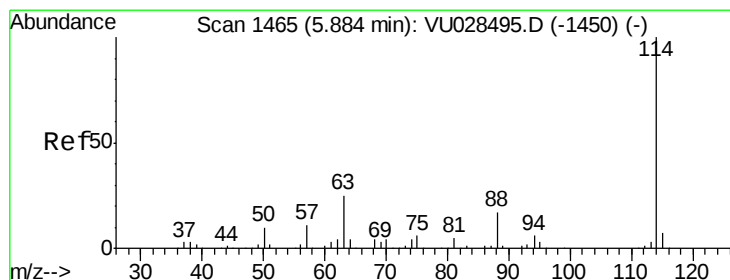
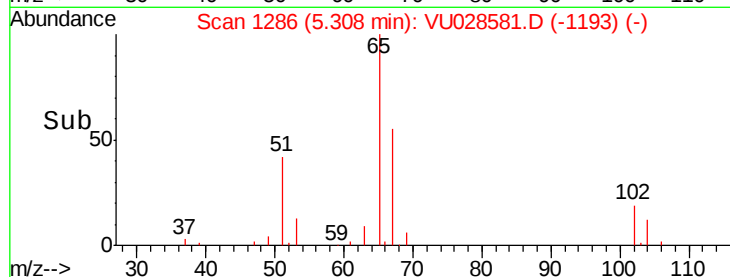
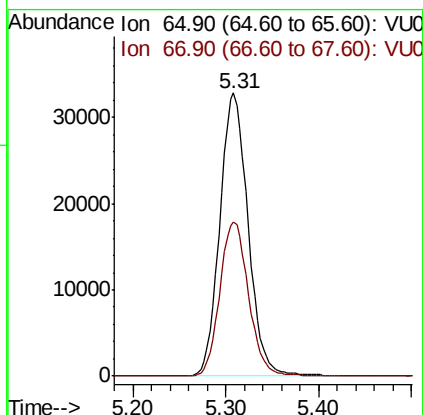
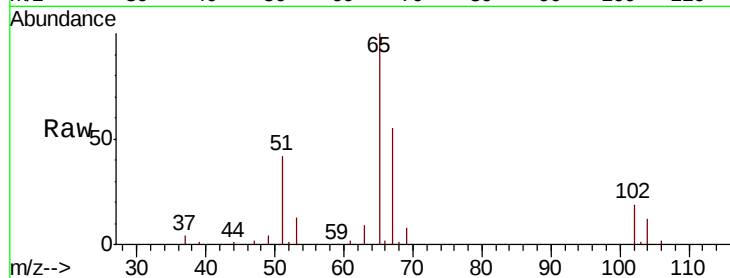




#33  
 1,2-Dichloroethane-d4  
 Concen: 56.365 ug/l  
 RT: 5.31 min Scan# 1286  
 Delta R.T. -0.00 min  
 Lab File: VU028581.D  
 Acq: 11 Dec 2018 04:04

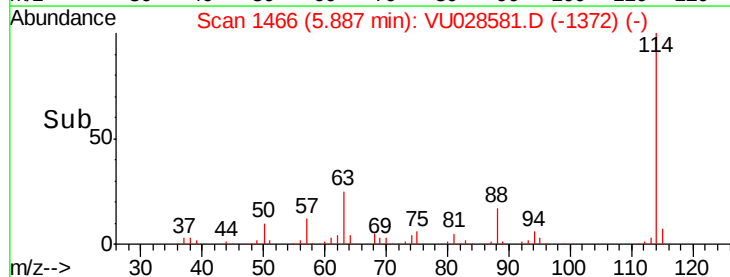
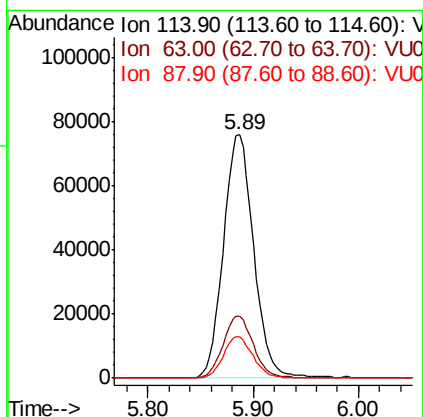
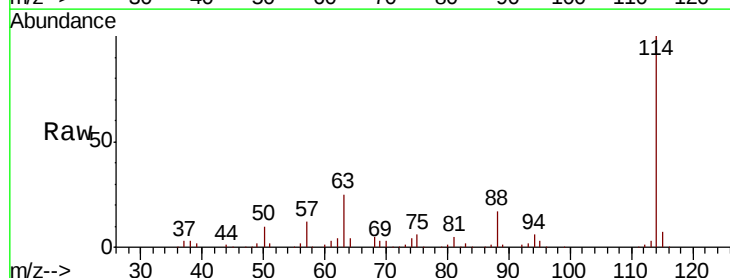
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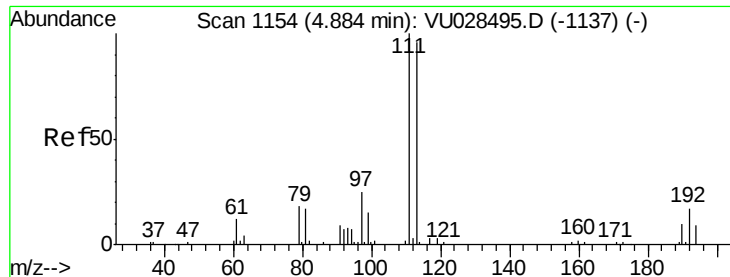
Tot Ion: 65 Resp: 69442  
 Ion Ratio Lower Upper  
 65 100  
 67 55.2 0.0 110.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.89 min Scan# 1466  
 Delta R.T. 0.00 min  
 Lab File: VU028581.D  
 Acq: 11 Dec 2018 04:04

Tgt Ion: 114 Resp: 150701  
 Ion Ratio Lower Upper  
 114 100  
 63 25.3 0.0 49.2  
 88 16.8 0.0 33.4

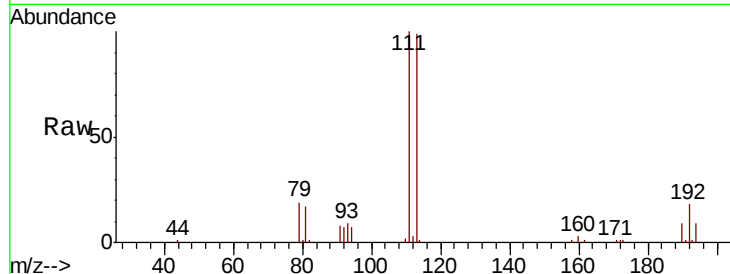




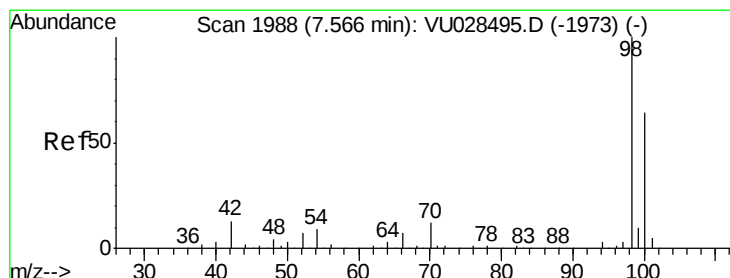
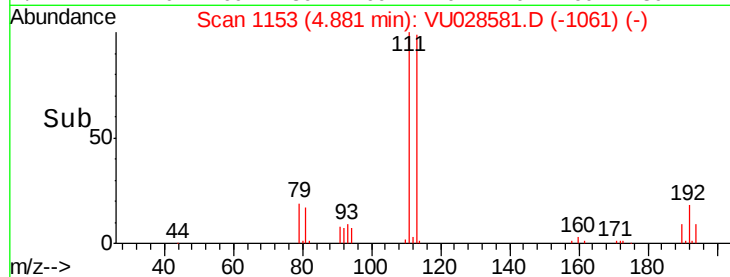
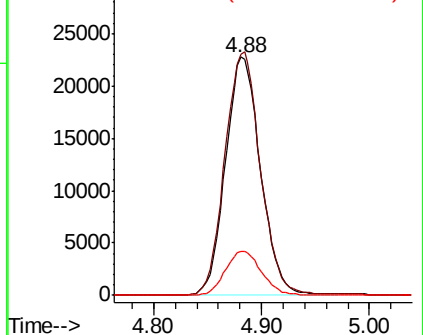
#35  
 Dibromofluoromethane  
 Concen: 54.388 ug/l  
 RT: 4.88 min Scan# 1153  
 Delta R.T. -0.00 min  
 Lab File: VU028581.D  
 Acq: 11 Dec 2018 04:04

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BP-EB02-20181207

Tot Ion:113 Resp: 51580  
 Ion Ratio Lower Upper  
 113 100  
 111 103.4 83.4 125.0  
 192 18.8 14.8 22.2

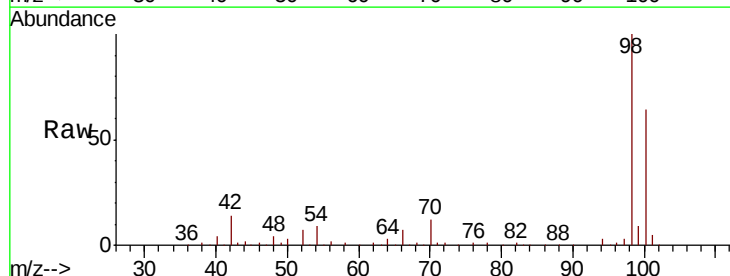


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

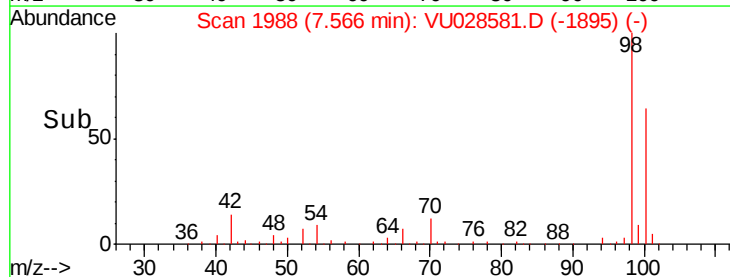
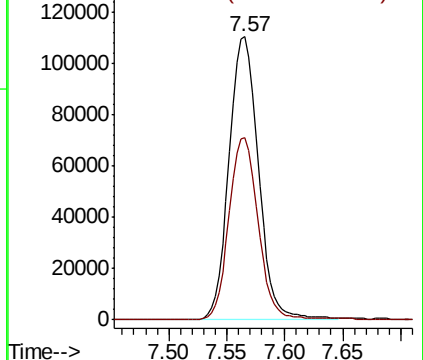


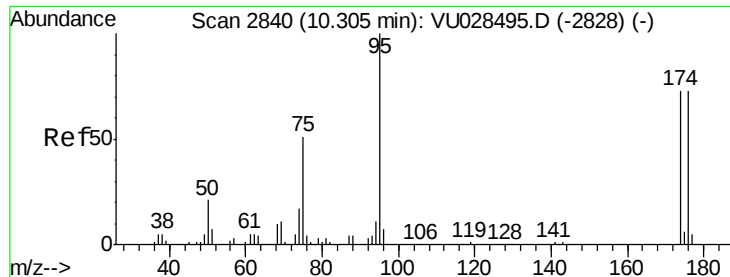
#50  
 Toluene-d8  
 Concen: 51.961 ug/l  
 RT: 7.57 min Scan# 1988  
 Delta R.T. -0.00 min  
 Lab File: VU028581.D  
 Acq: 11 Dec 2018 04:04

Tgt Ion: 98 Resp: 194936  
 Ion Ratio Lower Upper  
 98 100  
 100 63.8 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU0  
 Ion 100.00 (99.70 to 100.70): VU

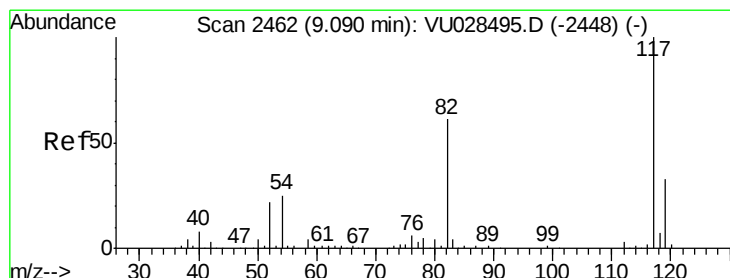
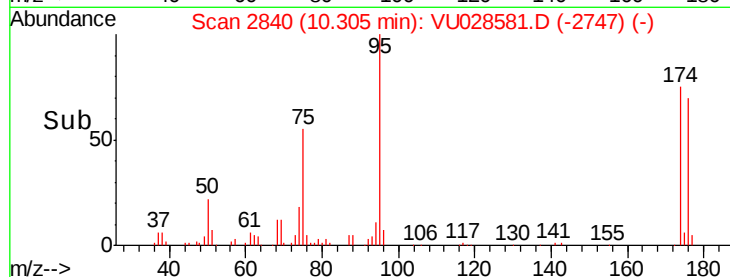
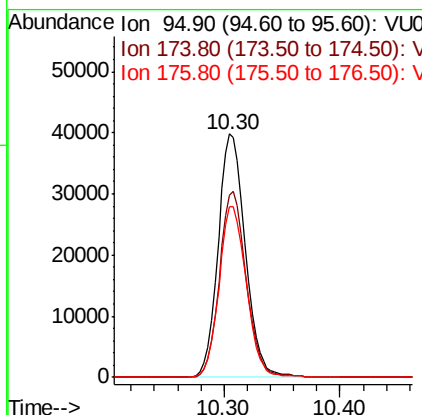
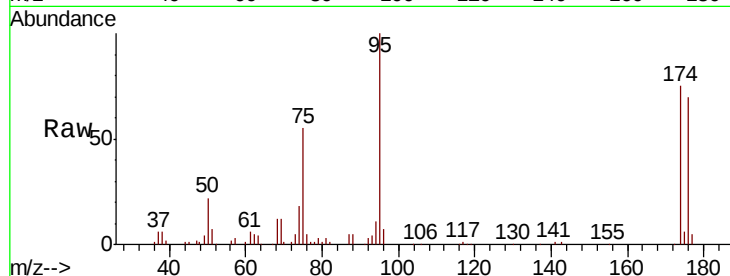




#62  
4-Bromofluorobenzene  
Concen: 46.211 ug/l  
RT: 10.30 min Scan# 2840  
Delta R.T. -0.00 min  
Lab File: VU028581.D  
Acq: 11 Dec 2018 04:04

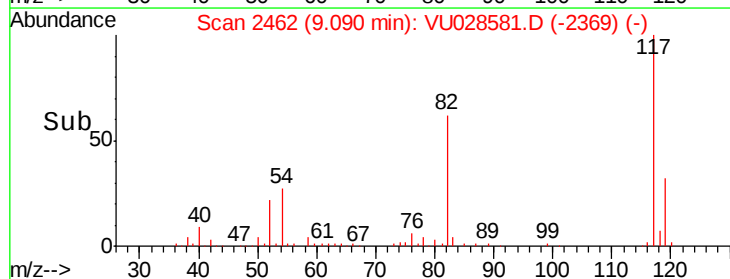
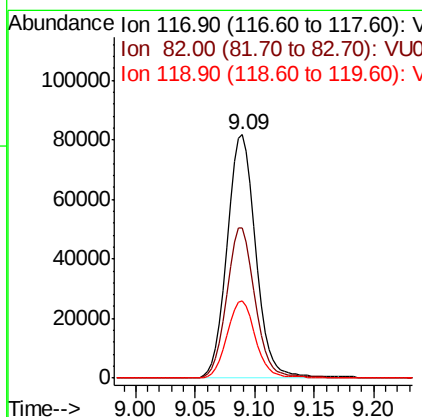
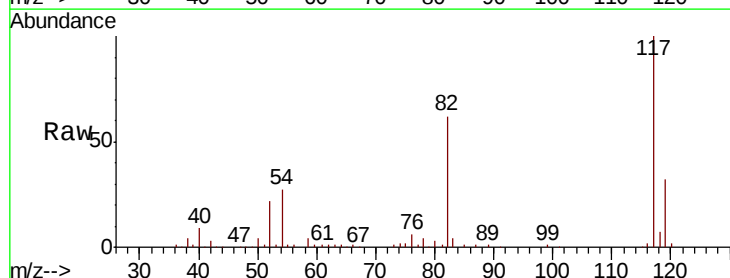
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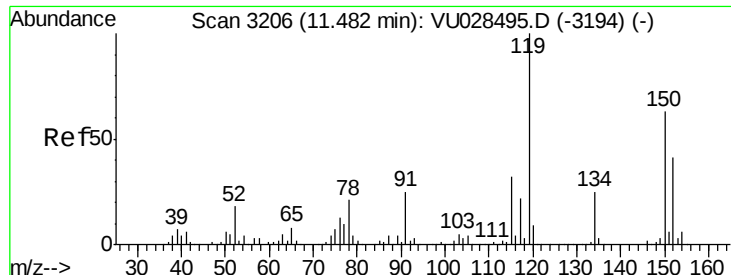
Tot Ion: 95 Resp: 64797  
Ion Ratio Lower Upper  
95 100  
174 75.1 0.0 150.4  
176 70.6 0.0 145.2



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.09 min Scan# 2462  
Delta R.T. -0.00 min  
Lab File: VU028581.D  
Acq: 11 Dec 2018 04:04

Tgt Ion: 117 Resp: 136816  
Ion Ratio Lower Upper  
117 100  
82 61.6 48.9 73.3  
119 31.7 26.2 39.4





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 11.48 min Scan# 3206  
 Delta R.T. -0.00 min  
 Lab File: VU028581.D  
 Acq: 11 Dec 2018 04:04

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BP-EB02-20181207

Tot Ion:152 Resp: 53129  
 Ion Ratio Lower Upper  
 152 100  
 115 61.3 42.7 128.1  
 150 159.0 0.0 346.0

