

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111221\  
 Data File : VU045764.D  
 Acq On : 12 Nov 2021 13:15  
 Operator : SY/MD  
 Sample : M4668-09  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BP-VPB-RW9-EB-20211111

Quant Time: Nov 15 05:19:14 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U110521W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 05 13:35:16 2021  
 Response via : Initial Calibration

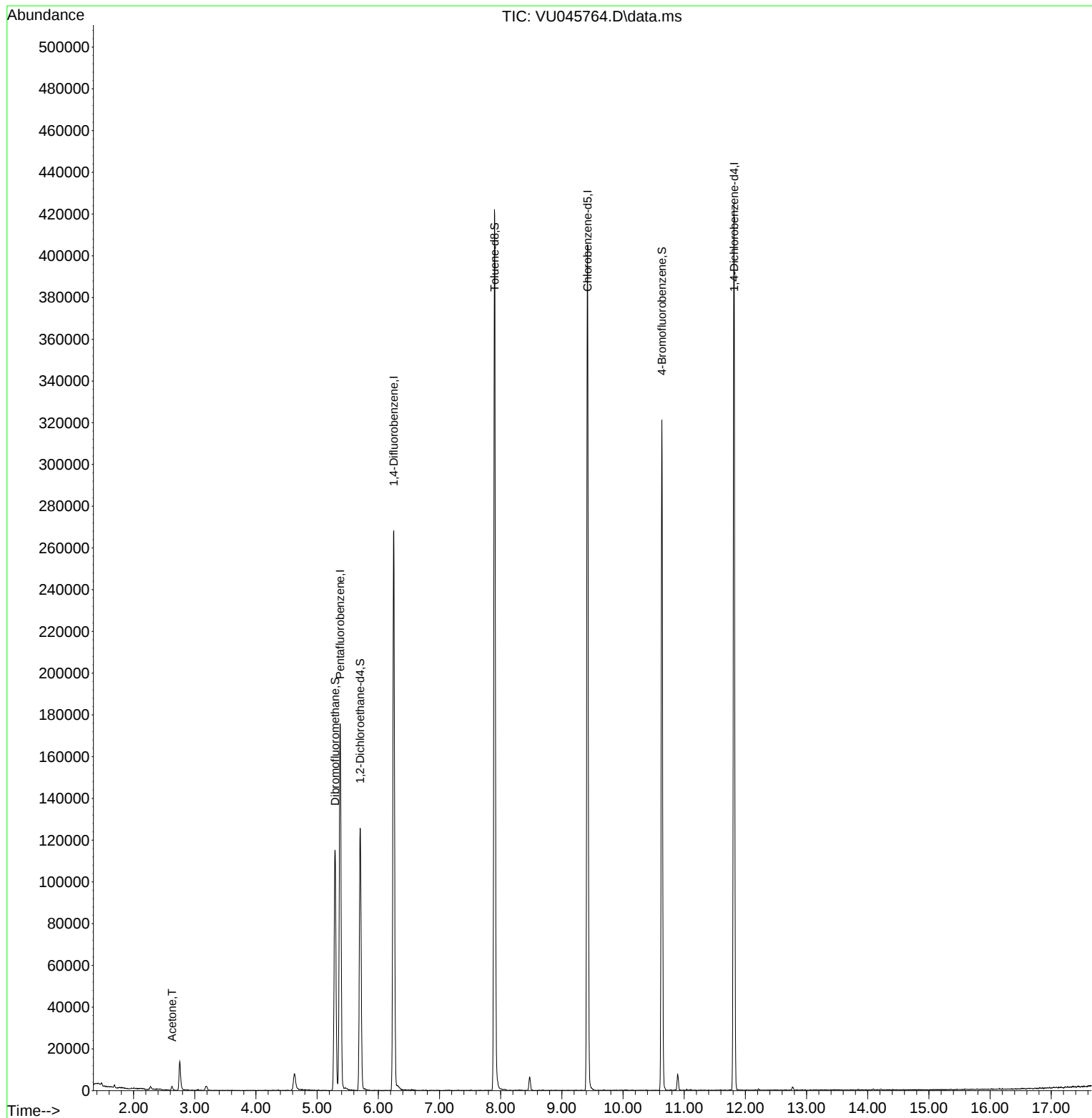
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 5.375  | 168   | 115914   | 50.000   | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.253  | 114   | 212846   | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 9.420  | 117   | 219882   | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 11.816 | 152   | 106427   | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 5.703  | 65    | 93475    | 53.847   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 107.700%  |
| 35) Dibromofluoromethane    | 5.292  | 113   | 74413    | 52.364   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 104.720%  |
| 50) Toluene-d8              | 7.899  | 98    | 281652   | 53.301   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 106.600%  |
| 62) 4-Bromofluorobenzene    | 10.636 | 95    | 104091   | 49.124   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 98.240%   |
| Target Compounds            |        |       |          |          |       |           |
| 16) Acetone                 | 2.629  | 43    | 2282     | 2.582    | ug/l  | Qvalue 95 |
| -----                       |        |       |          |          |       |           |

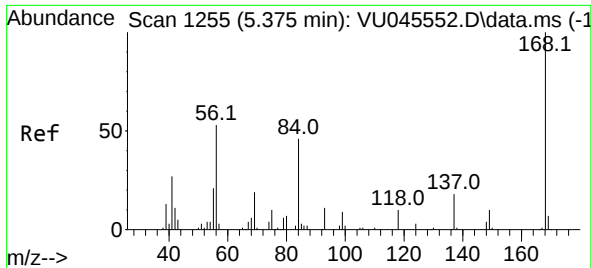
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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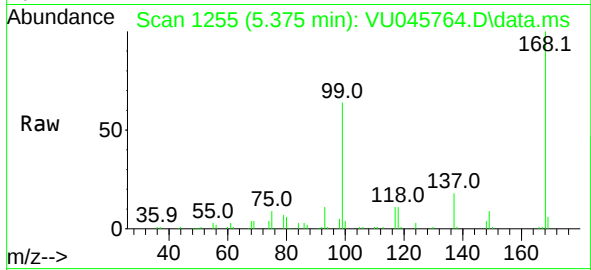
Quant Time: Nov 15 05:19:14 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U110521W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 05 13:35:16 2021  
Response via : Initial Calibration



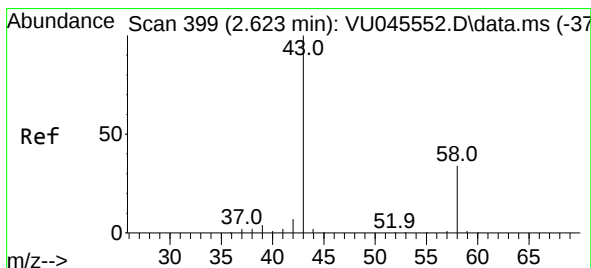
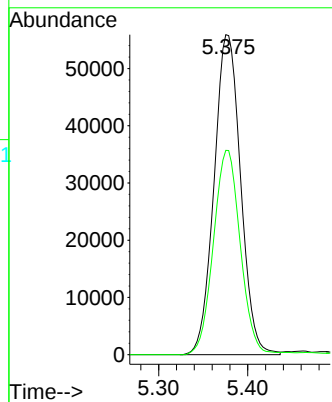
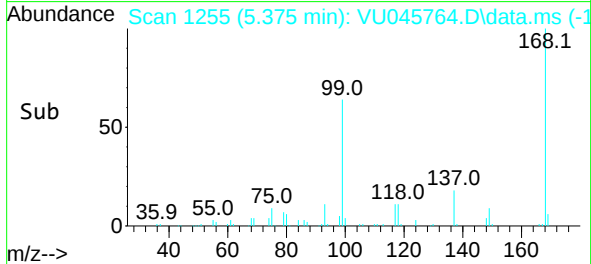


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.375 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU045764.D  
Acq: 12 Nov 2021 13:15

Instrument :  
MSVOA\_U  
ClientSampleId :  
BP-VPB-RW9-EB-20211111

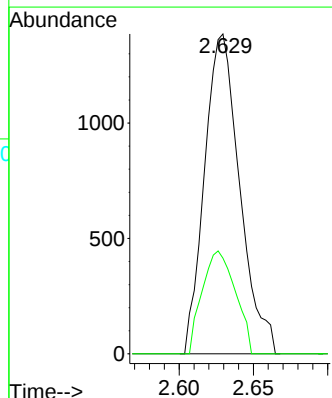
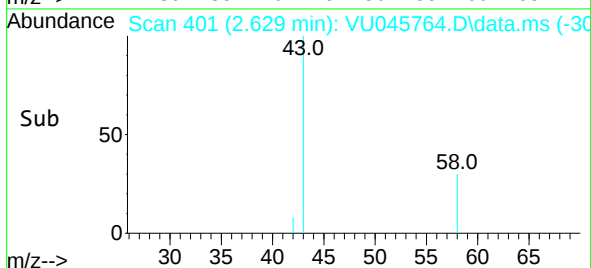
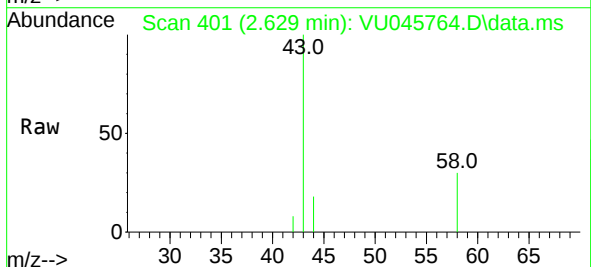


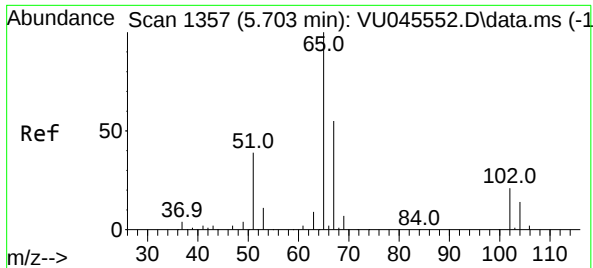
Tgt Ion:168 Resp: 115914  
Ion Ratio Lower Upper  
168 100  
99 63.9 51.0 76.6



#16  
Acetone  
Concen: 2.582 ug/l  
RT: 2.629 min Scan# 401  
Delta R.T. 0.006 min  
Lab File: VU045764.D  
Acq: 12 Nov 2021 13:15

Tgt Ion: 43 Resp: 2282  
Ion Ratio Lower Upper  
43 100  
58 29.9 26.2 39.2





#33

1,2-Dichloroethane-d4

Concen: 53.847 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045764.D

Acq: 12 Nov 2021 13:15

Instrument :

MSVOA\_U

ClientSampleId :

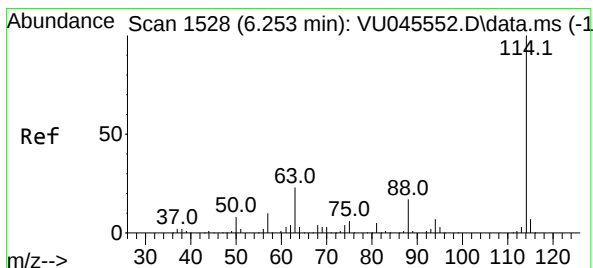
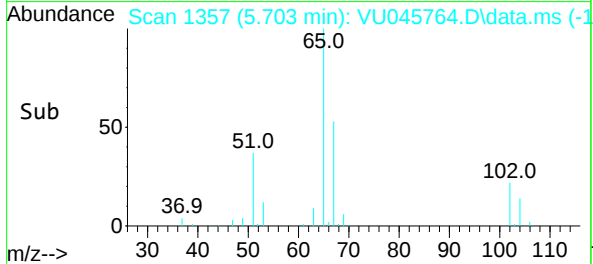
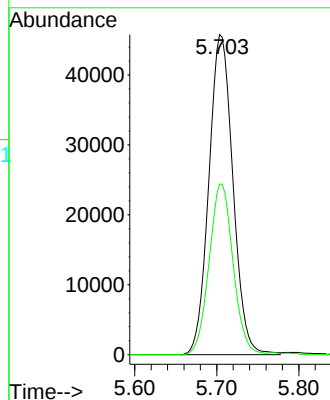
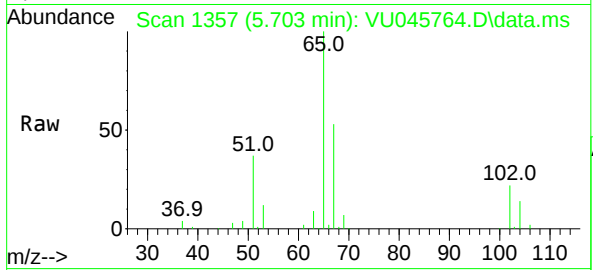
BP-VPB-RW9-EB-20211111

Tgt Ion: 65 Resp: 93475

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045764.D

Acq: 12 Nov 2021 13:15

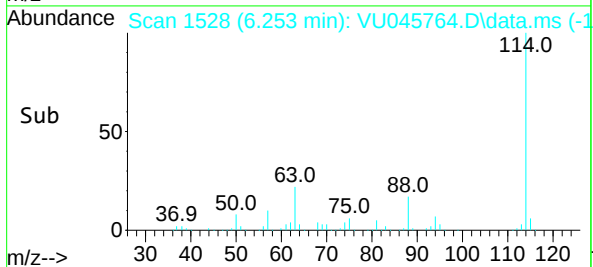
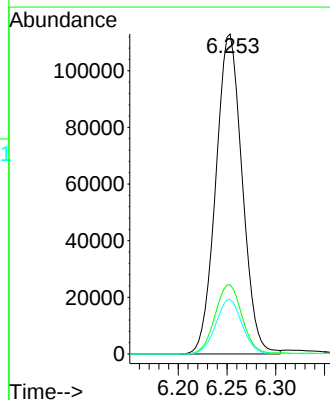
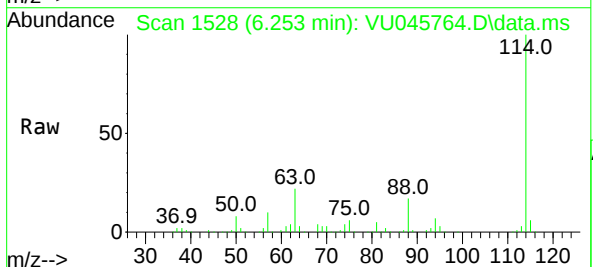
Tgt Ion: 114 Resp: 212846

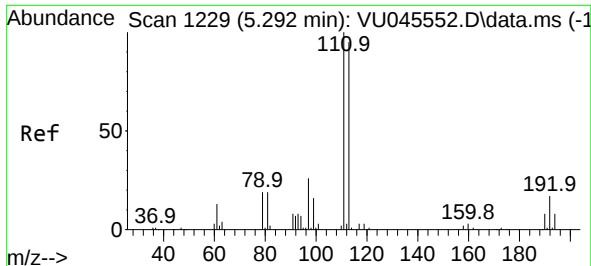
Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.6

88 17.0 0.0 33.8

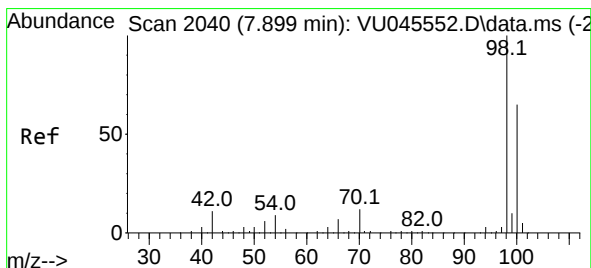
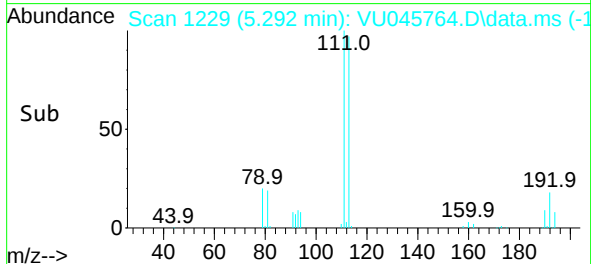
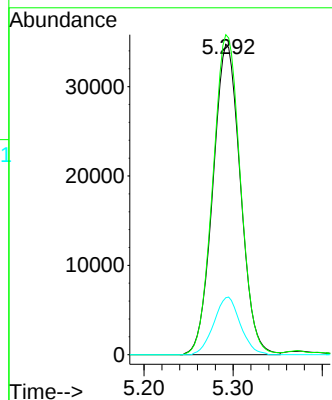
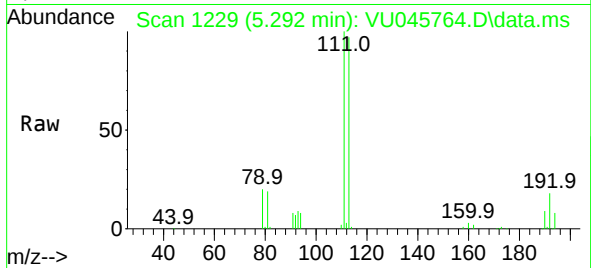




#35  
Dibromofluoromethane  
Concen: 52.364 ug/l  
RT: 5.292 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU045764.D  
Acq: 12 Nov 2021 13:15

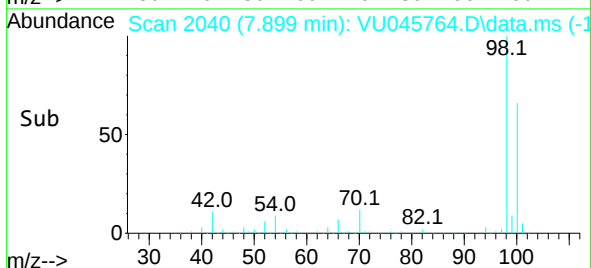
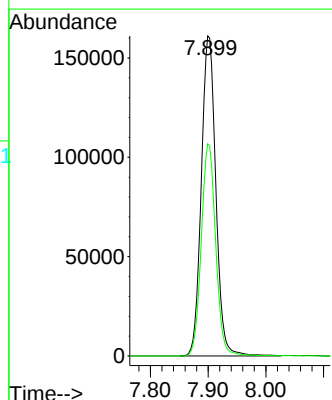
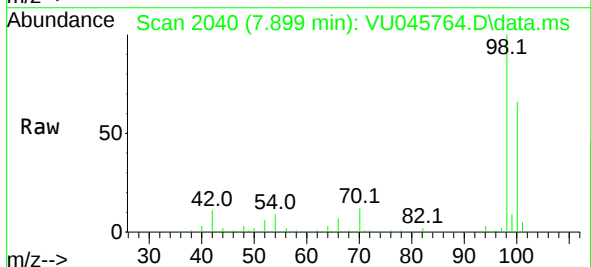
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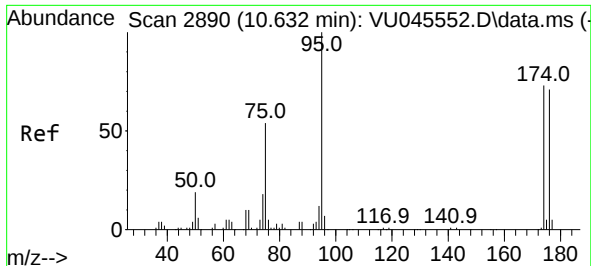
Tgt Ion:113 Resp: 74413  
Ion Ratio Lower Upper  
113 100  
111 103.2 82.8 124.2  
192 17.9 14.8 22.2



#50  
Toluene-d8  
Concen: 53.301 ug/l  
RT: 7.899 min Scan# 2040  
Delta R.T. 0.000 min  
Lab File: VU045764.D  
Acq: 12 Nov 2021 13:15

Tgt Ion: 98 Resp: 281652  
Ion Ratio Lower Upper  
98 100  
100 65.5 52.5 78.7

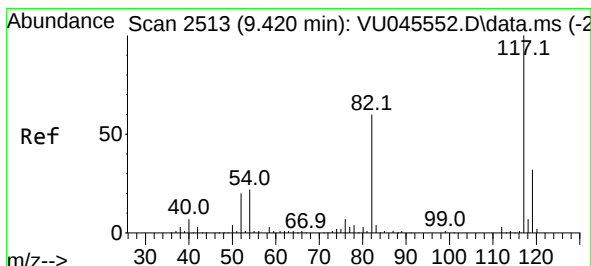
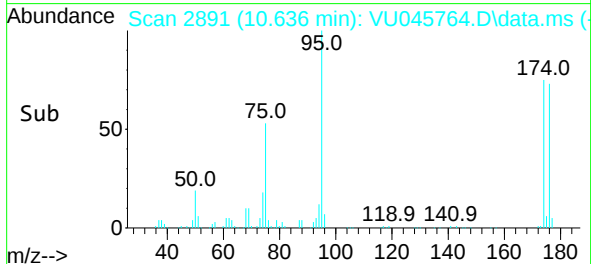
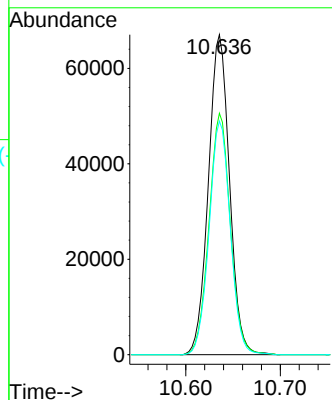
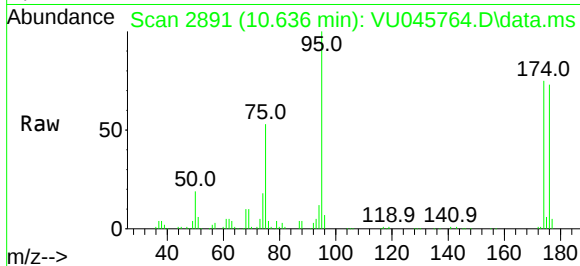




#62  
4-Bromofluorobenzene  
Concen: 49.124 ug/l  
RT: 10.636 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VU045764.D  
Acq: 12 Nov 2021 13:15

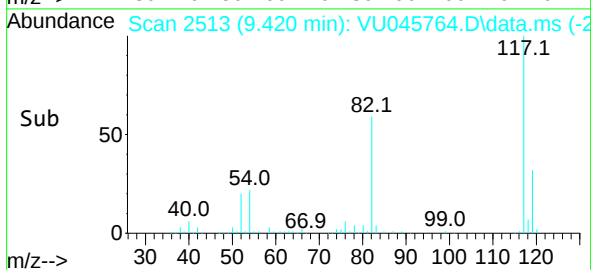
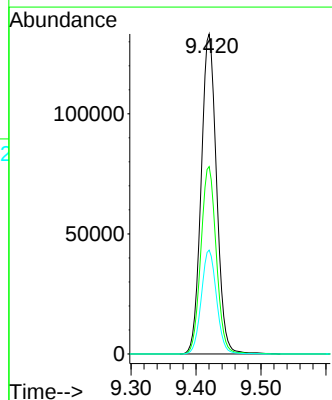
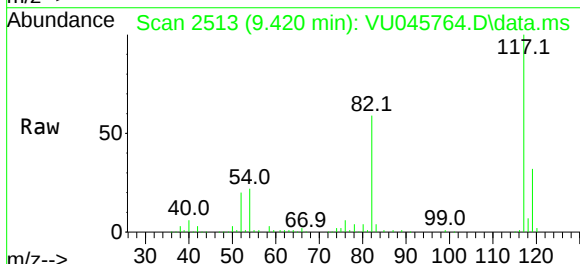
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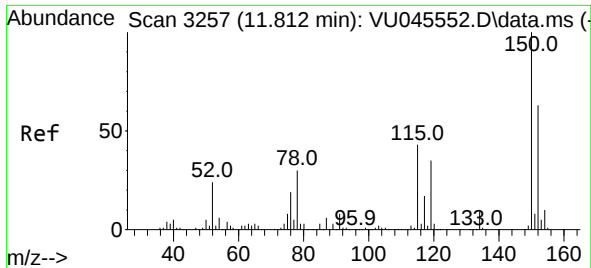
Tgt Ion: 95 Resp: 104091  
Ion Ratio Lower Upper  
95 100  
174 76.4 0.0 141.8  
176 72.9 0.0 138.2



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.420 min Scan# 2513  
Delta R.T. 0.000 min  
Lab File: VU045764.D  
Acq: 12 Nov 2021 13:15

Tgt Ion: 117 Resp: 219882  
Ion Ratio Lower Upper  
117 100  
82 58.5 47.8 71.8  
119 32.5 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.816 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU045764.D

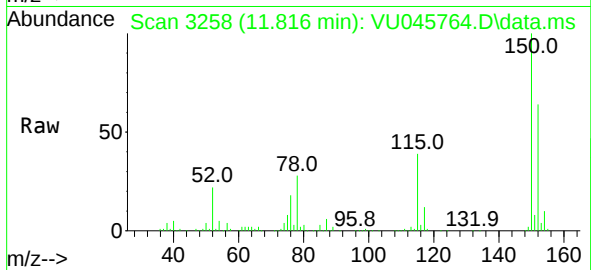
Acq: 12 Nov 2021 13:15

Instrument :

MSVOA\_U

ClientSampleId :

BP-VPB-RW9-EB-20211111



Tgt Ion:152 Resp: 106427

Ion Ratio Lower Upper

152 100

115 61.7 42.7 128.1

150 156.6 0.0 346.8

