

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092821\  
 Data File : VU044941.D  
 Acq On : 28 Sep 2021 15:09  
 Operator : SY/MD  
 Sample : M3832-01  
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA\_U/MEOH  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 TP-B

Quant Time: Sep 28 15:54:44 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092821W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 28 12:32:13 2021  
 Response via : Initial Calibration

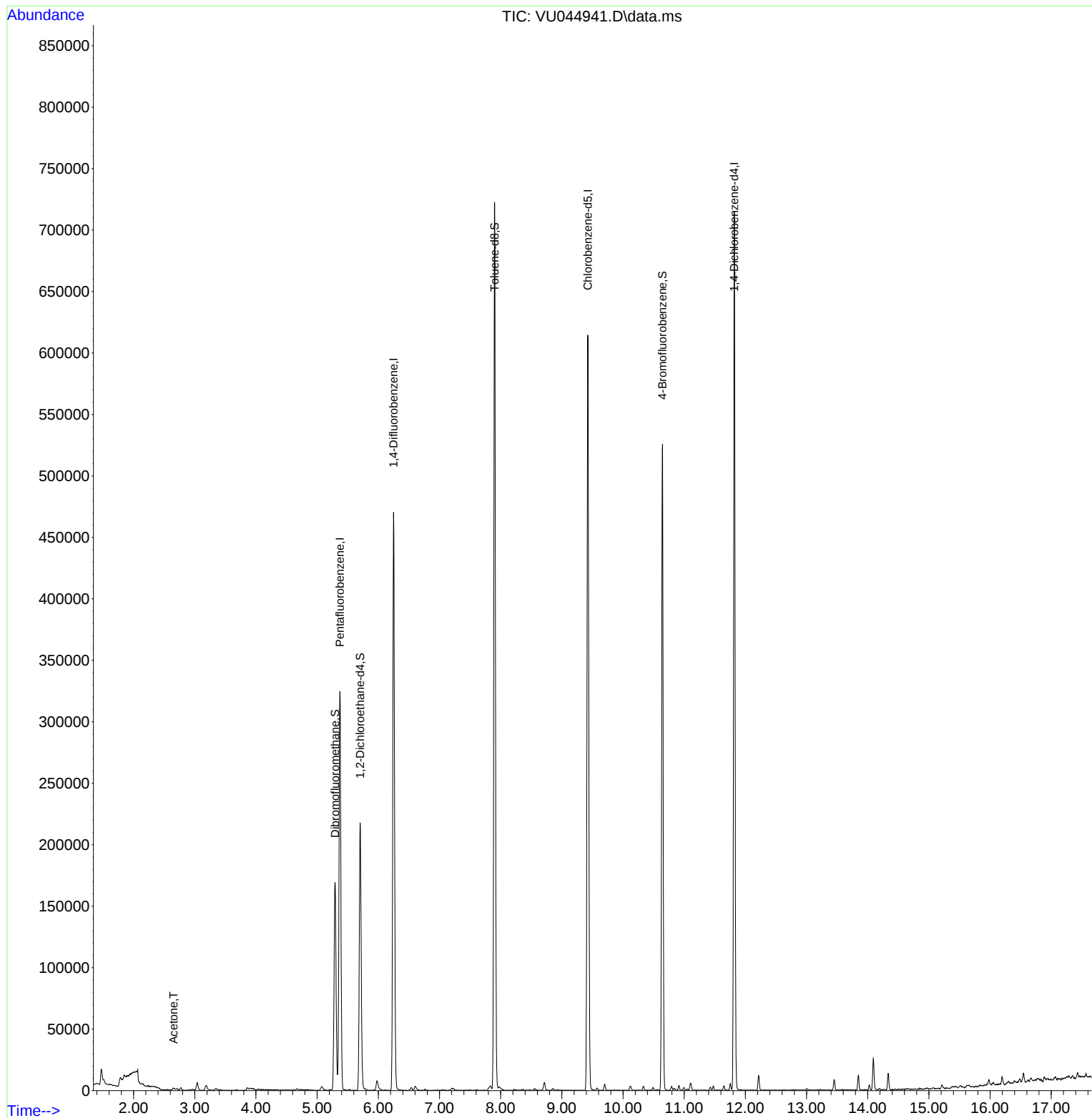
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 5.372  | 168   | 215394   | 50.000   | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.250  | 114   | 383543   | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 9.423  | 117   | 364677   | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 11.819 | 152   | 173309   | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 5.703  | 65    | 170353   | 47.512   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 95.020%   |
| 35) Dibromofluoromethane    | 5.292  | 113   | 117884   | 48.722   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 97.440%   |
| 50) Toluene-d8              | 7.899  | 98    | 485869   | 50.824   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 101.640%  |
| 62) 4-Bromofluorobenzene    | 10.645 | 95    | 181777   | 46.056   | ug/l  | 0.01      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 92.120%   |
| Target Compounds            |        |       |          |          |       |           |
| 16) Acetone                 | 2.652  | 43    | 2967     | 1.394    | ug/l  | Qvalue 95 |
| -----                       |        |       |          |          |       |           |

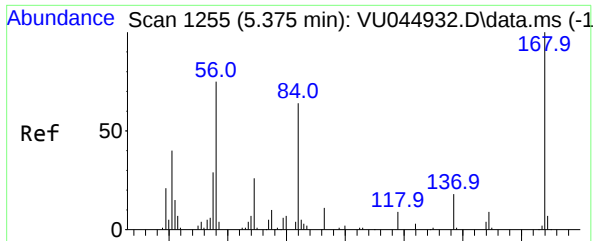
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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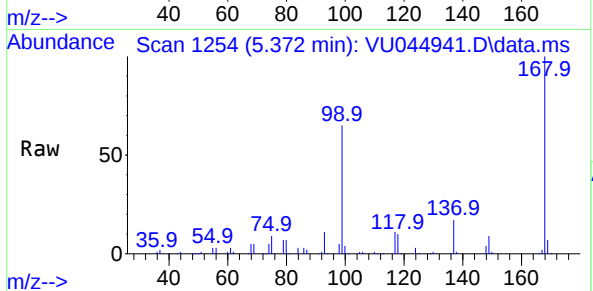
Quant Time: Sep 28 15:54:44 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092821W.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 28 12:32:13 2021  
Response via : Initial Calibration



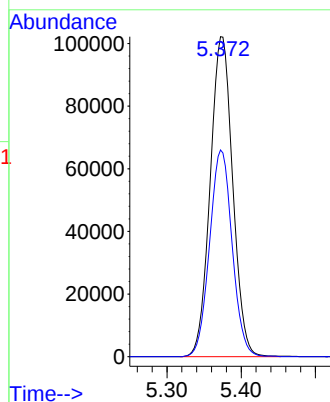
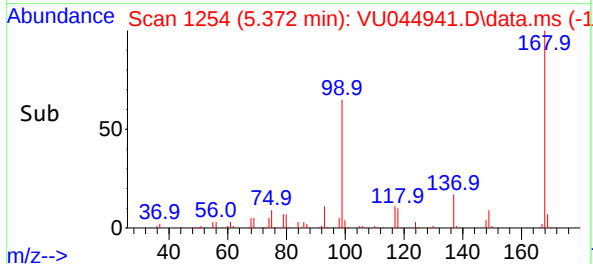


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.372 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VU044941.D  
Acq: 28 Sep 2021 15:09

Instrument :  
MSVOA\_U  
ClientSampleId :  
TP-B

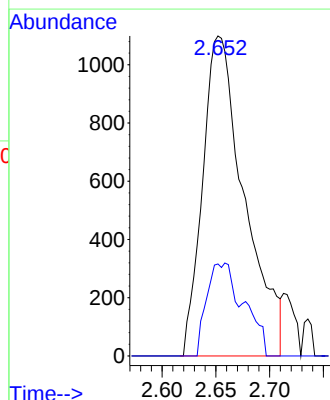
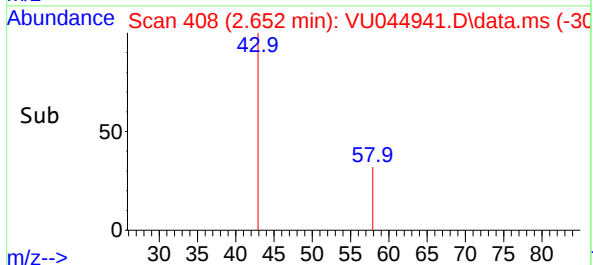
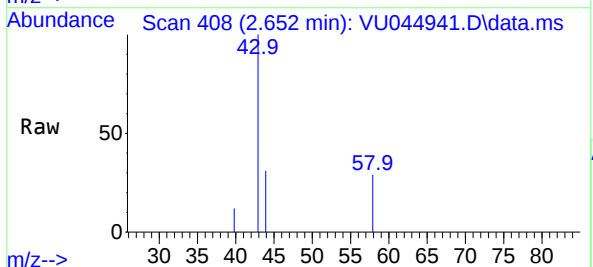


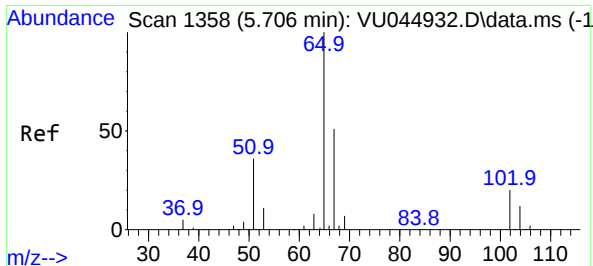
Tgt Ion:168 Resp: 215394  
Ion Ratio Lower Upper  
168 100  
99 64.6 51.4 77.0



#16  
Acetone  
Concen: 1.394 ug/l  
RT: 2.652 min Scan# 408  
Delta R.T. 0.020 min  
Lab File: VU044941.D  
Acq: 28 Sep 2021 15:09

Tgt Ion: 43 Resp: 2967  
Ion Ratio Lower Upper  
43 100  
58 28.8 25.2 37.8





#33

1,2-Dichloroethane-d4

Concen: 47.512 ug/l

RT: 5.703 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU044941.D

Acq: 28 Sep 2021 15:09

Instrument :

MSVOA\_U

ClientSampleId :

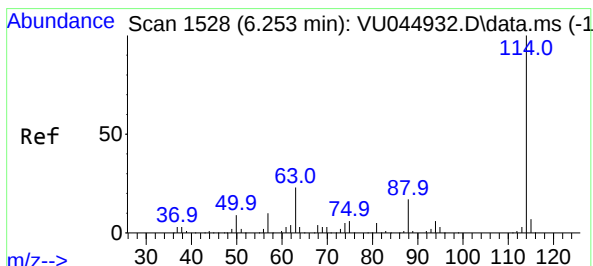
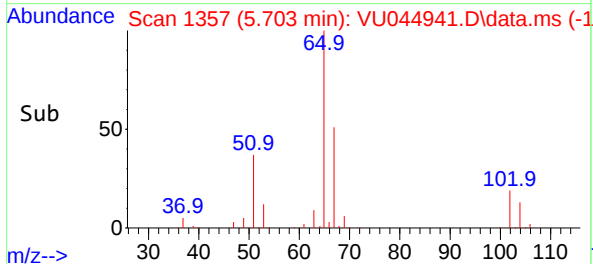
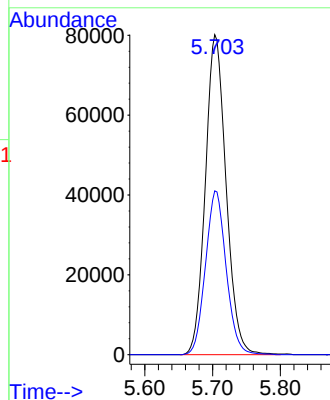
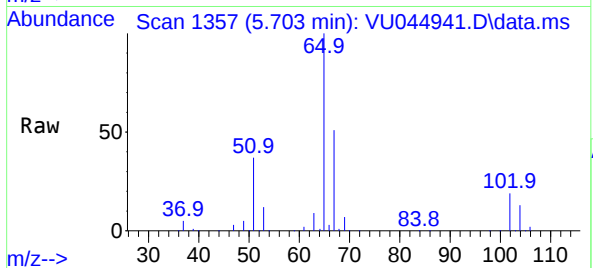
TP-B

Tgt Ion: 65 Resp: 170353

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.003 min

Lab File: VU044941.D

Acq: 28 Sep 2021 15:09

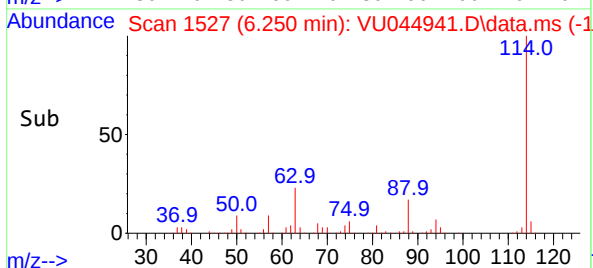
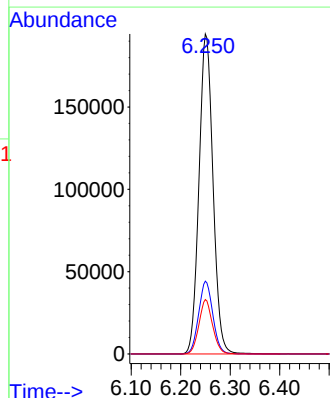
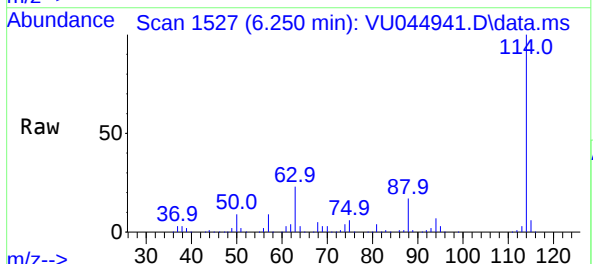
Tgt Ion: 114 Resp: 383543

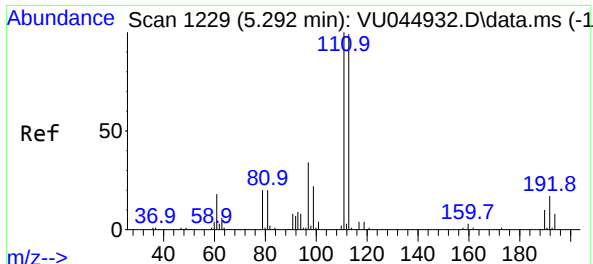
Ion Ratio Lower Upper

114 100

63 22.8 0.0 47.8

88 17.0 0.0 32.8

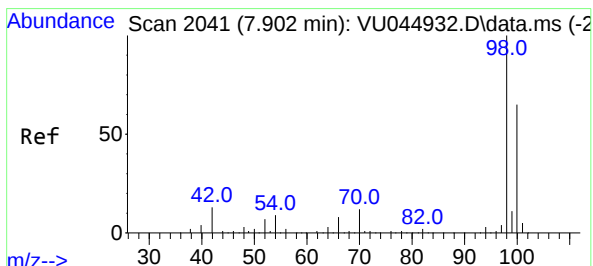
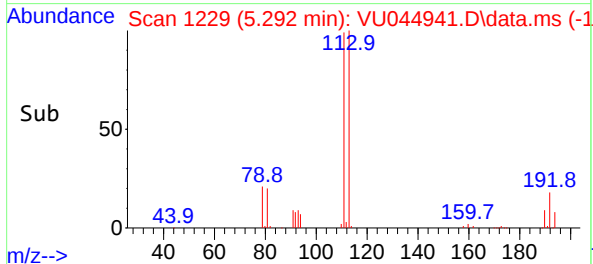
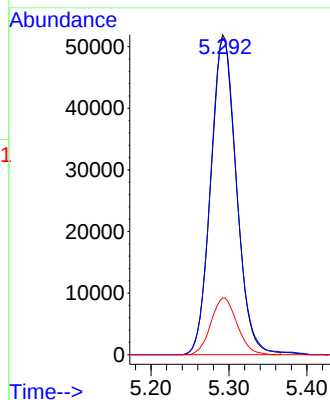
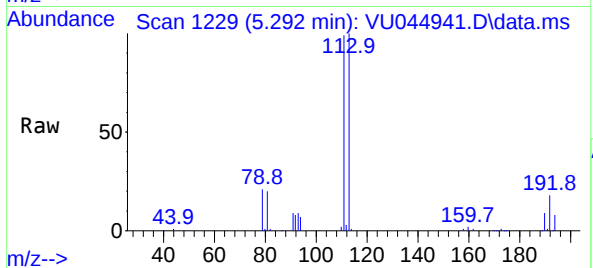




#35  
 Dibromofluoromethane  
 Concen: 48.722 ug/l  
 RT: 5.292 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VU044941.D  
 Acq: 28 Sep 2021 15:09

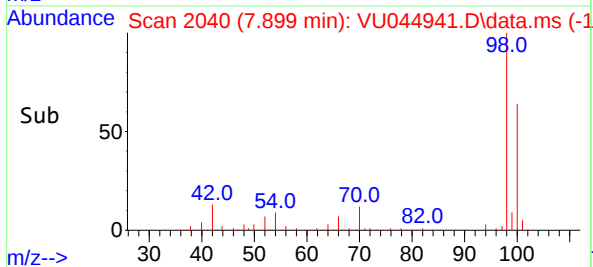
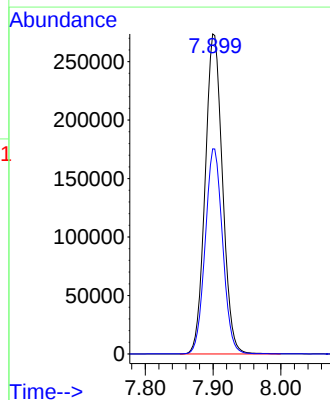
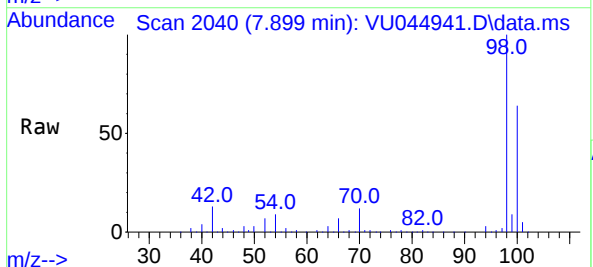
Instrument :  
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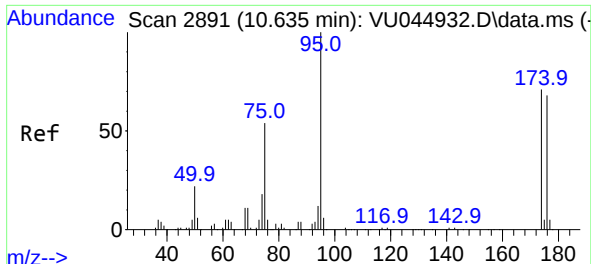
Tgt Ion:113 Resp: 117884  
 Ion Ratio Lower Upper  
 113 100  
 111 101.4 84.1 126.1  
 192 18.2 14.8 22.2



#50  
 Toluene-d8  
 Concen: 50.824 ug/l  
 RT: 7.899 min Scan# 2040  
 Delta R.T. -0.003 min  
 Lab File: VU044941.D  
 Acq: 28 Sep 2021 15:09

Tgt Ion: 98 Resp: 485869  
 Ion Ratio Lower Upper  
 98 100  
 100 64.3 52.5 78.7

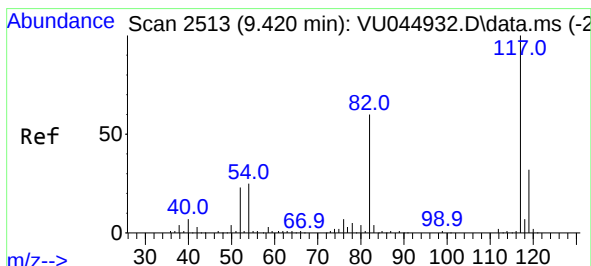
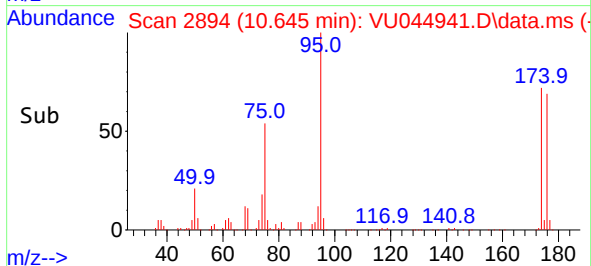
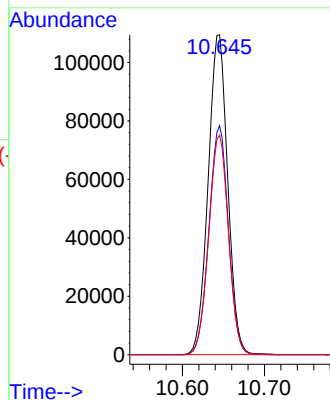
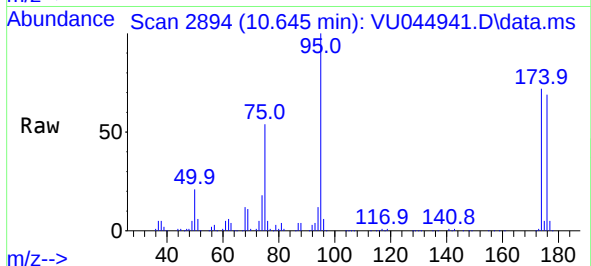




#62  
4-Bromofluorobenzene  
Concen: 46.056 ug/l  
RT: 10.645 min Scan# 2891  
Delta R.T. 0.010 min  
Lab File: VU044941.D  
Acq: 28 Sep 2021 15:09

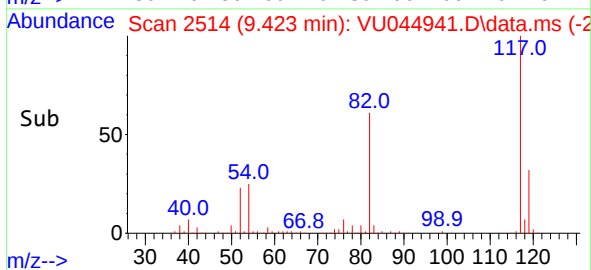
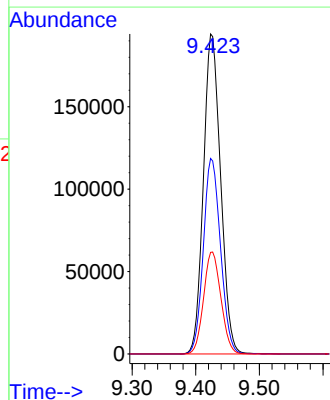
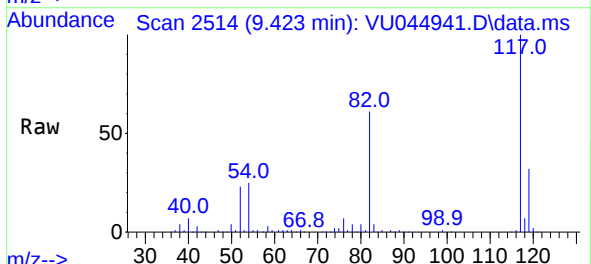
Instrument :  
MSVOA\_U  
ClientSampleId :  
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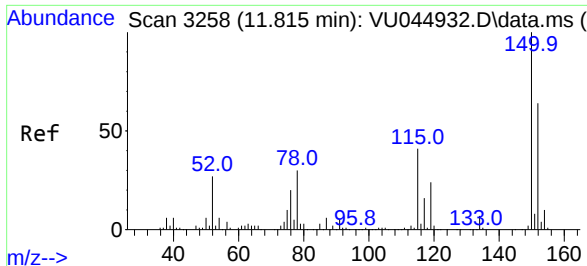
Tgt Ion: 95 Resp: 181777  
Ion Ratio Lower Upper  
95 100  
174 71.3 0.0 146.6  
176 68.8 0.0 141.2



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.423 min Scan# 2514  
Delta R.T. 0.003 min  
Lab File: VU044941.D  
Acq: 28 Sep 2021 15:09

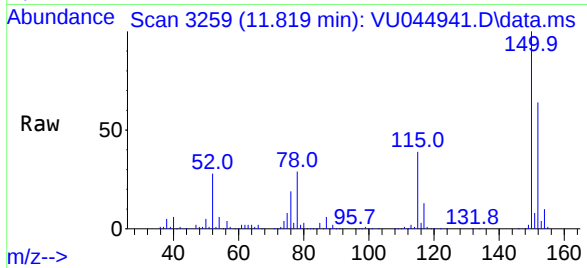
Tgt Ion: 117 Resp: 364677  
Ion Ratio Lower Upper  
117 100  
82 61.1 47.8 71.8  
119 31.7 25.8 38.6





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 11.819 min Scan# 31  
 Delta R.T. 0.004 min  
 Lab File: VU044941.D  
 Acq: 28 Sep 2021 15:09

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 TP-B



Tgt Ion:152 Resp: 173309  
 Ion Ratio Lower Upper  
 152 100  
 115 61.5 43.5 130.7  
 150 157.6 0.0 350.0

