

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092821\  
 Data File : VU044949.D  
 Acq On : 28 Sep 2021 18:17  
 Operator : SY/MD  
 Sample : M3962-03  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 TRIP-BLANK

Quant Time: Sep 29 05:46:44 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

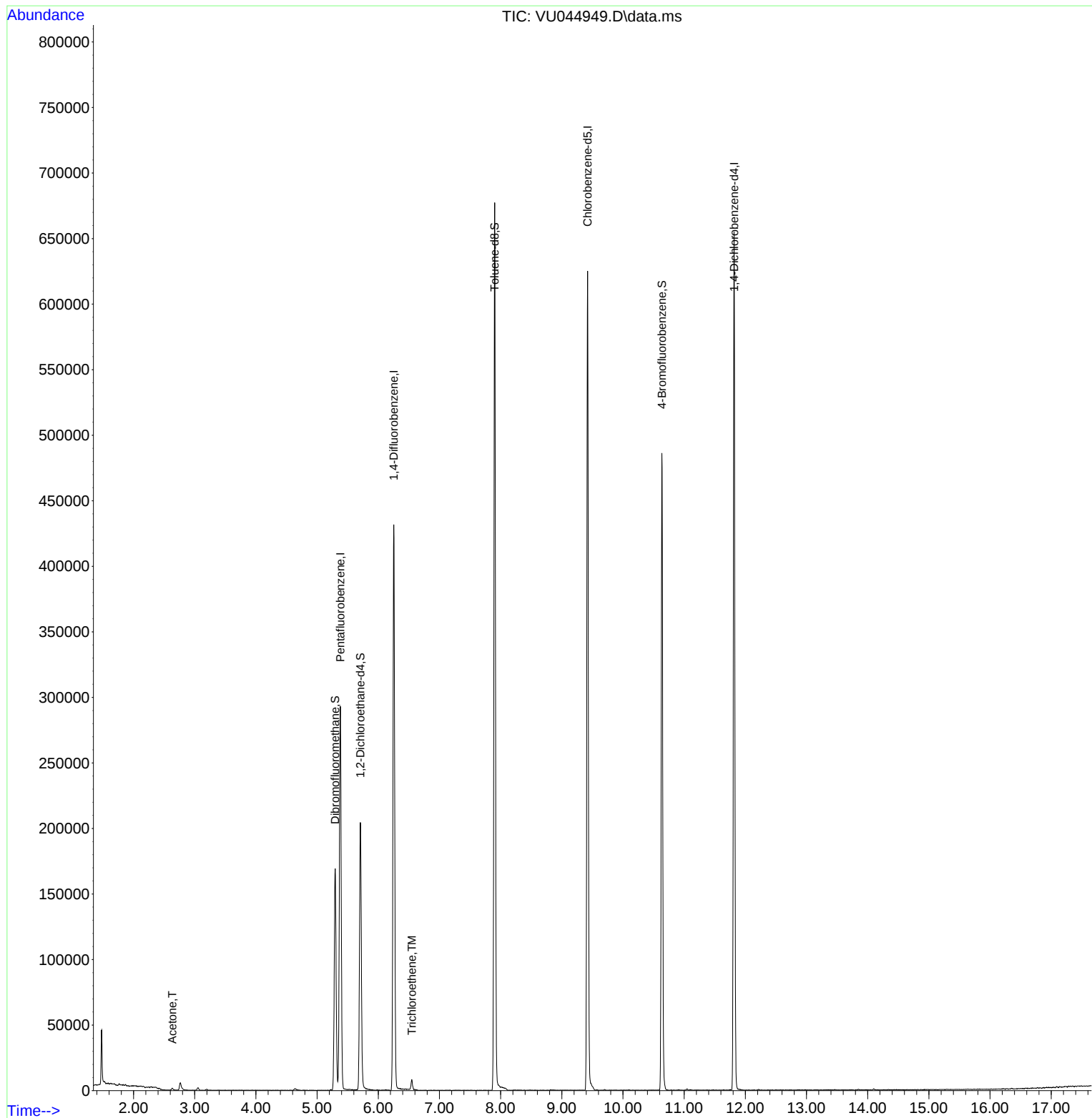
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.379  | 168   | 192166   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.253  | 114   | 338095   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 9.420  | 117   | 328392   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.816 | 152   | 161989   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.707  | 65    | 156987   | 49.076   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 98.160%  |
| 35) Dibromofluoromethane    | 5.295  | 113   | 108527   | 50.884   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 101.760% |
| 50) Toluene-d8              | 7.903  | 98    | 434777   | 51.593   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 103.180% |
| 62) 4-Bromofluorobenzene    | 10.636 | 95    | 162548   | 46.720   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 93.440%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.633  | 43    | 1937     | 1.020    | ug/l   | 92       |
| 44) Trichloroethene         | 6.549  | 130   | 2428     | 0.978    | ug/l   | 95       |
| -----                       |        |       |          |          |        |          |

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

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Quant Time: Sep 29 05:46:44 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

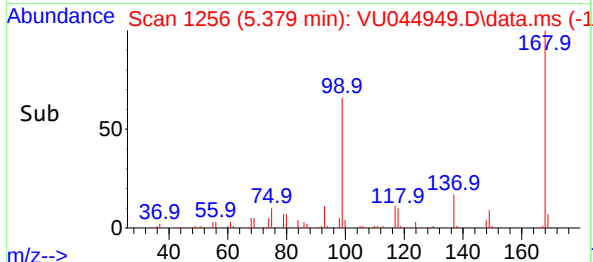
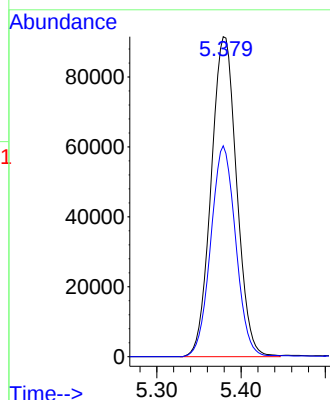
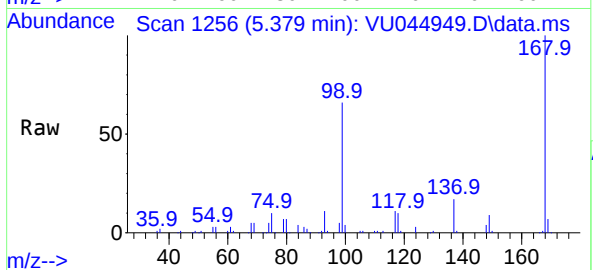




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.379 min Scan# 1  
Delta R.T. 0.004 min  
Lab File: VU044949.D  
Acq: 28 Sep 2021 18:17

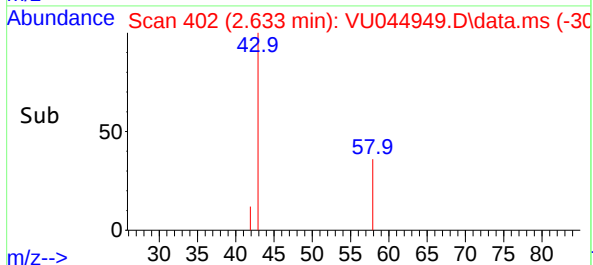
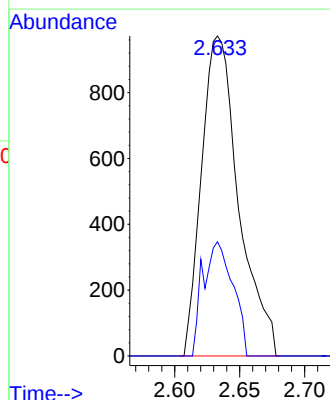
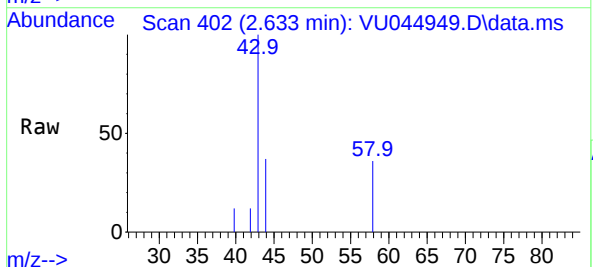
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MSVOA\_U  
ClientSampleId :  
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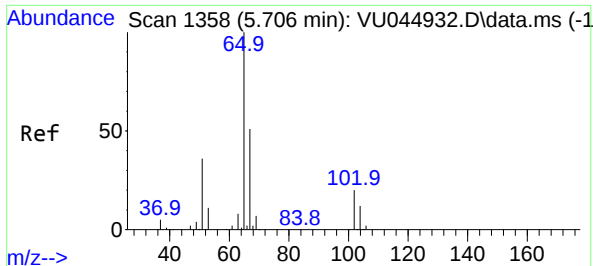
Tgt Ion:168 Resp: 192166  
Ion Ratio Lower Upper  
168 100  
99 65.9 51.4 77.0



#16  
Acetone  
Concen: 1.020 ug/l  
RT: 2.633 min Scan# 402  
Delta R.T. 0.001 min  
Lab File: VU044949.D  
Acq: 28 Sep 2021 18:17

Tgt Ion: 43 Resp: 1937  
Ion Ratio Lower Upper  
43 100  
58 35.7 25.2 37.8

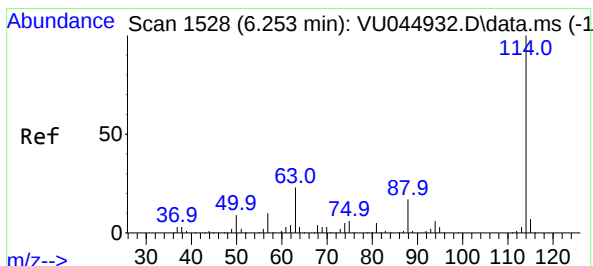
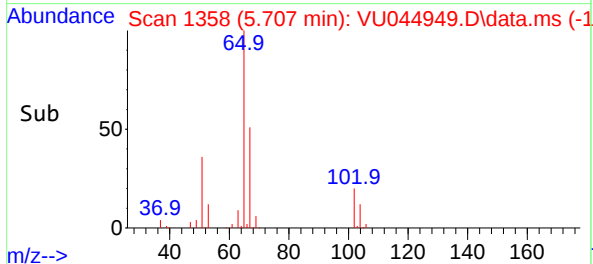
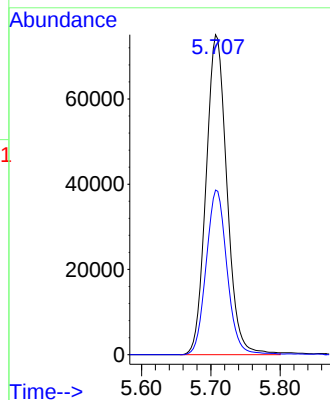
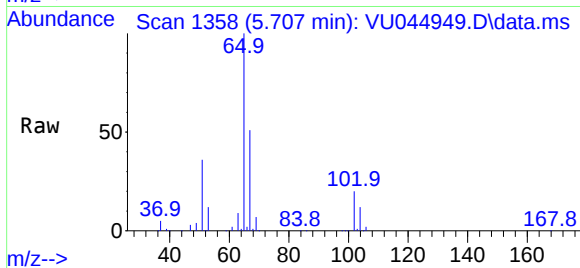




#33  
1,2-Dichloroethane-d4  
Concen: 49.076 ug/l  
RT: 5.707 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VU044949.D  
Acq: 28 Sep 2021 18:17

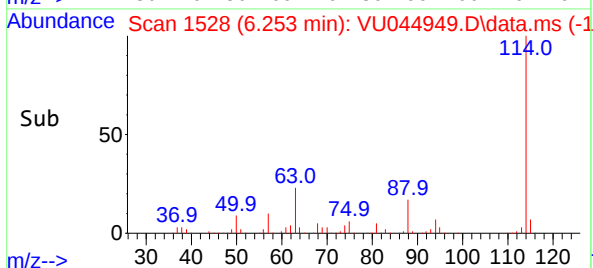
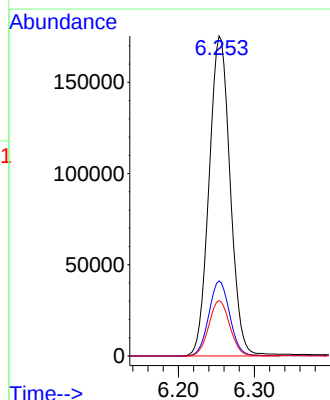
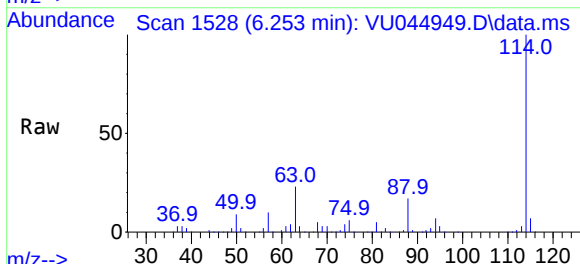
Instrument :  
MSVOA\_U  
ClientSampleId :  
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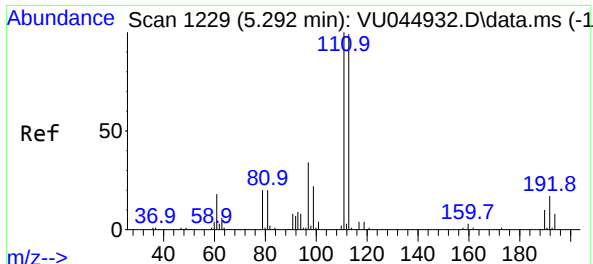
Tgt Ion: 65 Resp: 156987  
Ion Ratio Lower Upper  
65 100  
67 51.4 0.0 104.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.253 min Scan# 1528  
Delta R.T. 0.000 min  
Lab File: VU044949.D  
Acq: 28 Sep 2021 18:17

Tgt Ion: 114 Resp: 338095  
Ion Ratio Lower Upper  
114 100  
63 23.5 0.0 47.8  
88 17.3 0.0 32.8

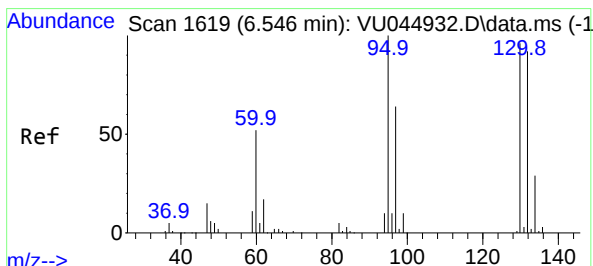
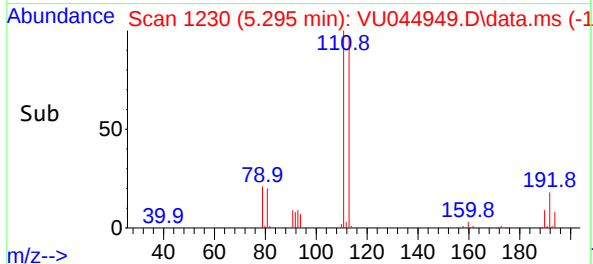
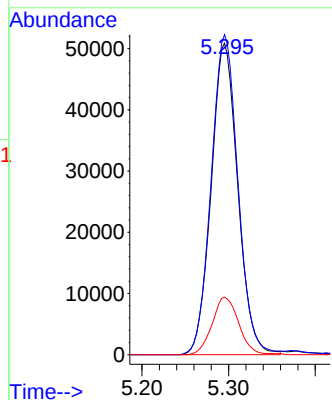
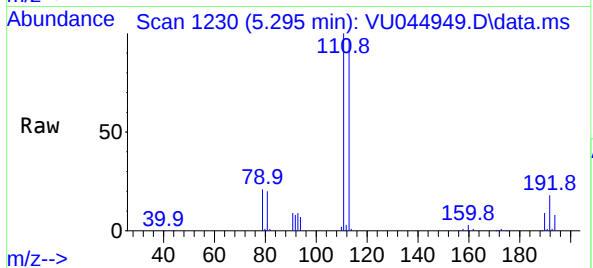




#35  
Dibromofluoromethane  
Concen: 50.884 ug/l  
RT: 5.295 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VU044949.D  
Acq: 28 Sep 2021 18:17

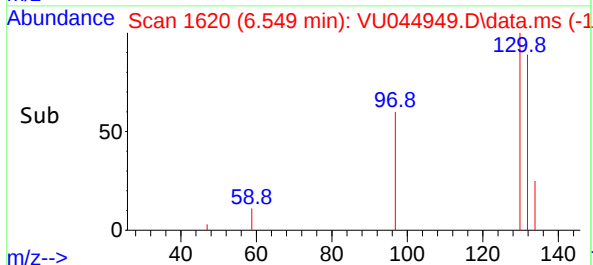
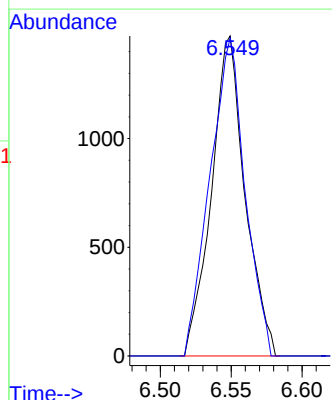
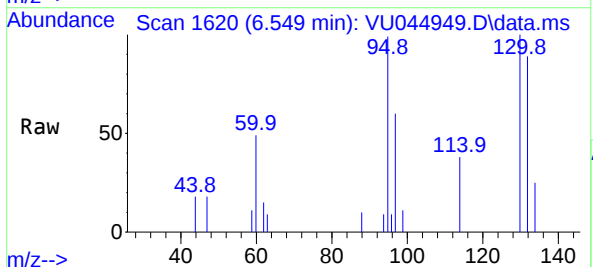
Instrument :  
MSVOA\_U  
ClientSampleId :  
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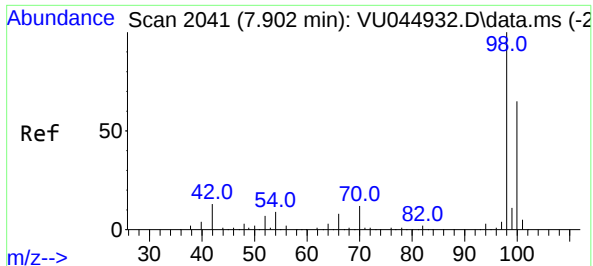
Tgt Ion:113 Resp: 108527  
Ion Ratio Lower Upper  
113 100  
111 103.6 84.1 126.1  
192 18.5 14.8 22.2



#44  
Trichloroethene  
Concen: 0.978 ug/l  
RT: 6.549 min Scan# 1620  
Delta R.T. 0.003 min  
Lab File: VU044949.D  
Acq: 28 Sep 2021 18:17

Tgt Ion:130 Resp: 2428  
Ion Ratio Lower Upper  
130 100  
95 99.3 0.0 209.0

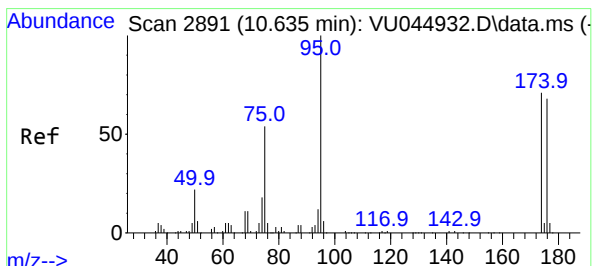
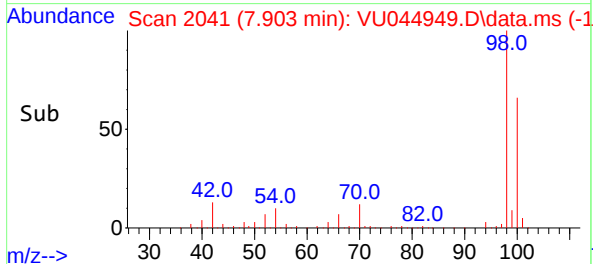
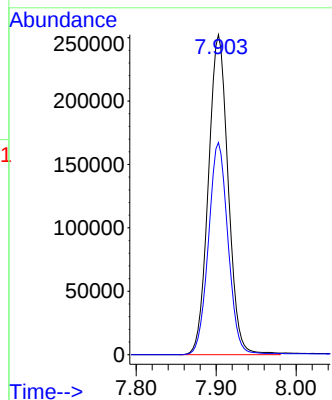
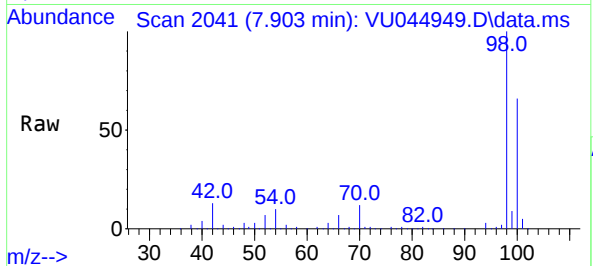




#50  
Toluene-d8  
Concen: 51.593 ug/l  
RT: 7.903 min Scan# 2041  
Delta R.T. 0.001 min  
Lab File: VU044949.D  
Acq: 28 Sep 2021 18:17

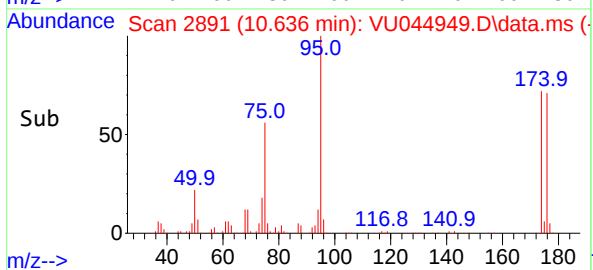
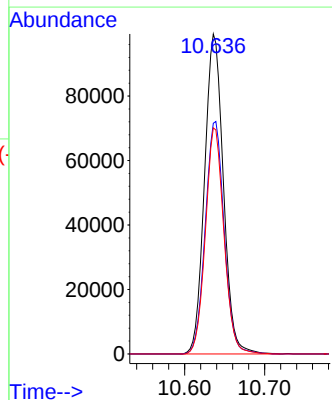
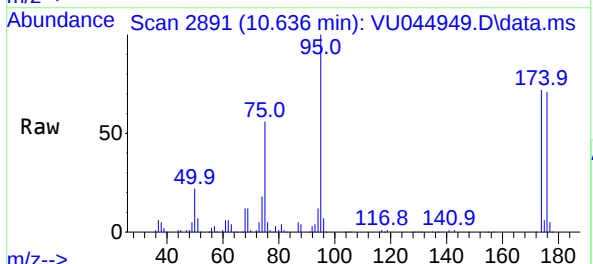
Instrument :  
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ClientSampleId :  
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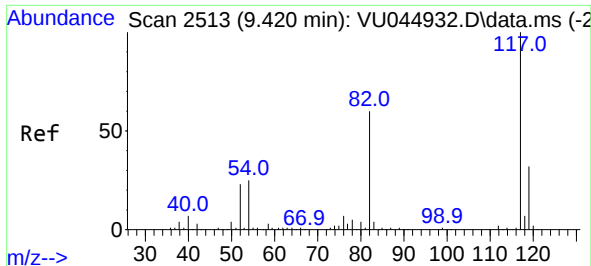
Tgt Ion: 98 Resp: 434777  
Ion Ratio Lower Upper  
98 100  
100 65.4 52.5 78.7



#62  
4-Bromofluorobenzene  
Concen: 46.720 ug/l  
RT: 10.636 min Scan# 2891  
Delta R.T. 0.001 min  
Lab File: VU044949.D  
Acq: 28 Sep 2021 18:17

Tgt Ion: 95 Resp: 162548  
Ion Ratio Lower Upper  
95 100  
174 73.1 0.0 146.6  
176 69.6 0.0 141.2

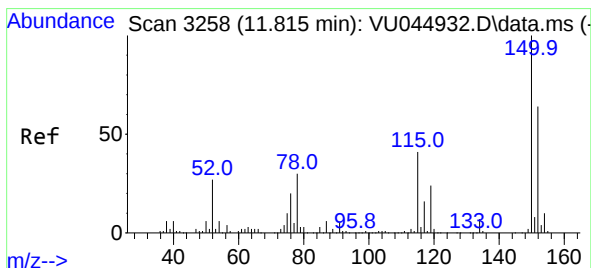
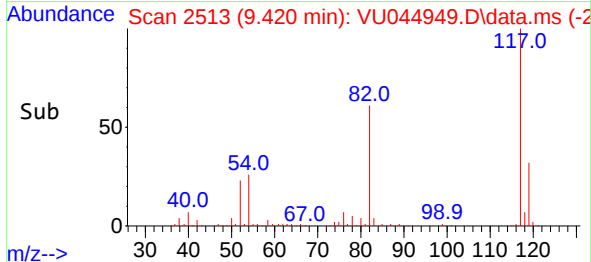
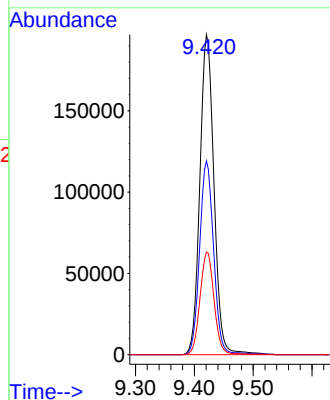
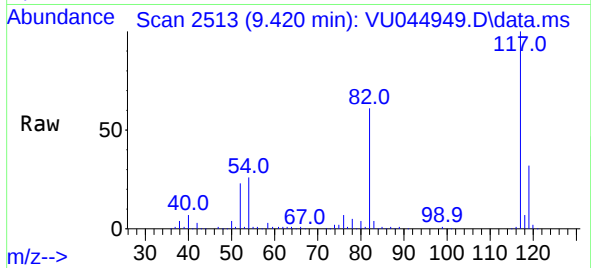




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.420 min Scan# 2513  
Delta R.T. 0.000 min  
Lab File: VU044949.D  
Acq: 28 Sep 2021 18:17

Instrument :  
MSVOA\_U  
ClientSampleId :  
TRIP-BLANK

Tgt Ion:117 Resp: 328392  
Ion Ratio Lower Upper  
117 100  
82 60.6 47.8 71.8  
119 32.0 25.8 38.6



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.816 min Scan# 3258  
Delta R.T. 0.001 min  
Lab File: VU044949.D  
Acq: 28 Sep 2021 18:17

Tgt Ion:152 Resp: 161989  
Ion Ratio Lower Upper  
152 100  
115 61.3 43.5 130.7  
150 158.1 0.0 350.0

