

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092721\  
 Data File : VU044909.D  
 Acq On : 28 Sep 2021 00:20  
 Operator : SY/MD  
 Sample : M3859-01DL 20X  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 1027-MW-01DL

Quant Time: Sep 28 06:30:24 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092421W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 25 09:30:46 2021  
 Response via : Initial Calibration

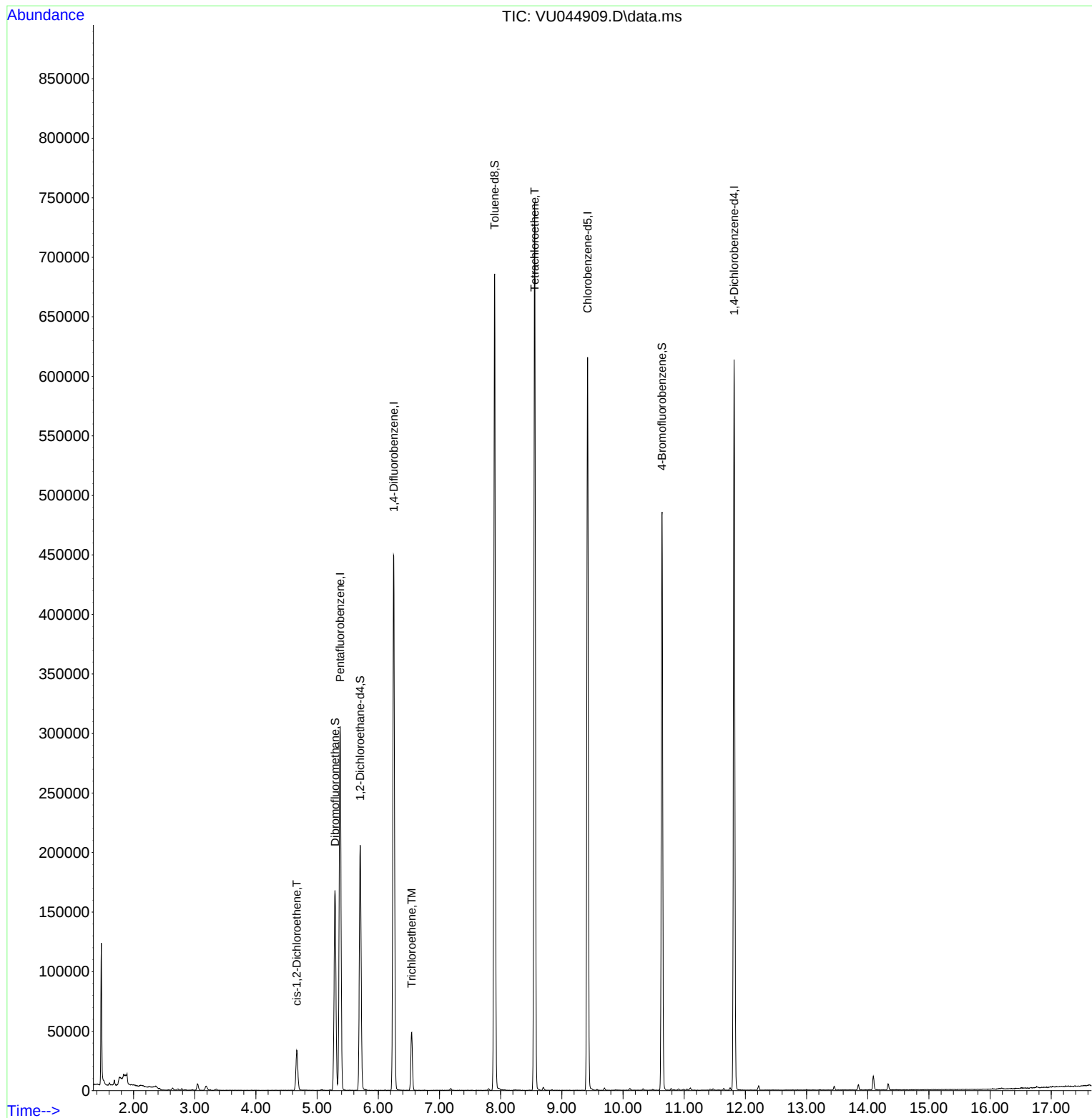
| Compound                    | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|--------|---------|----------|
| -----                       |        |      |          |        |         |          |
| Internal Standards          |        |      |          |        |         |          |
| 1) Pentafluorobenzene       | 5.375  | 168  | 201930   | 50.000 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.253  | 114  | 348857   | 50.000 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 9.420  | 117  | 318446   | 50.000 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.816 | 152  | 147973   | 50.000 | ug/l    | 0.00     |
|                             |        |      |          |        |         |          |
| System Monitoring Compounds |        |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 5.703  | 65   | 154858   | 43.941 | ug/l    | 0.00     |
| Spiked Amount 50.000        |        |      | Recovery | =      | 87.880% |          |
| 35) Dibromofluoromethane    | 5.292  | 113  | 106822   | 44.635 | ug/l    | 0.00     |
| Spiked Amount 50.000        |        |      | Recovery | =      | 89.280% |          |
| 50) Toluene-d8              | 7.903  | 98   | 436455   | 48.288 | ug/l    | 0.00     |
| Spiked Amount 50.000        |        |      | Recovery | =      | 96.580% |          |
| 62) 4-Bromofluorobenzene    | 10.636 | 95   | 164172   | 48.902 | ug/l    | 0.00     |
| Spiked Amount 50.000        |        |      | Recovery | =      | 97.800% |          |
|                             |        |      |          |        |         |          |
| Target Compounds            |        |      |          |        | Qvalue  |          |
| 27) cis-1,2-Dichloroethene  | 4.668  | 96   | 16707    | 5.277  | ug/l    | 91       |
| 44) Trichloroethene         | 6.546  | 130  | 15540    | 5.730  | ug/l    | 92       |
| 64) Tetrachloroethene       | 8.555  | 164  | 152598   | 70.696 | ug/l    | 99       |
| -----                       |        |      |          |        |         |          |

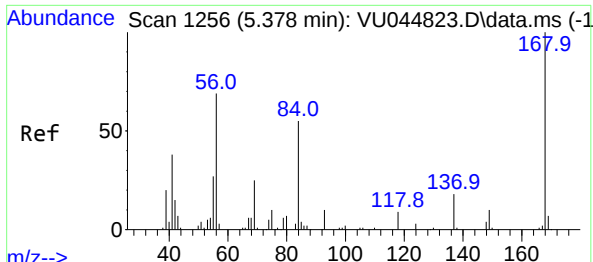
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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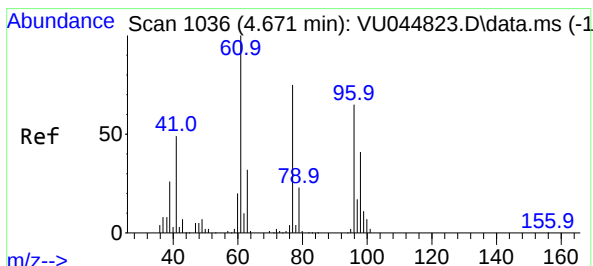
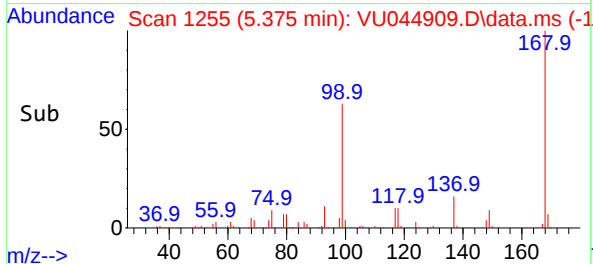
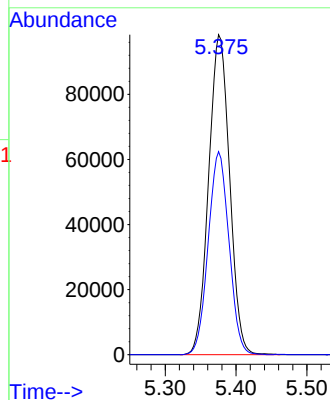
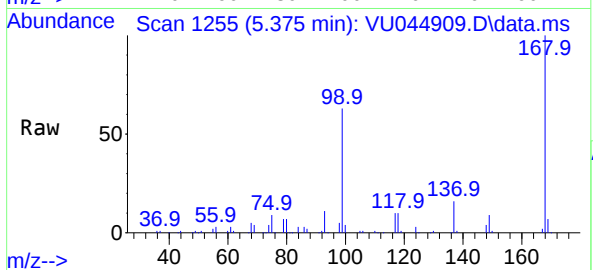




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.375 min Scan# 1255  
Delta R.T. -0.003 min  
Lab File: VU044909.D  
Acq: 28 Sep 2021 00:20

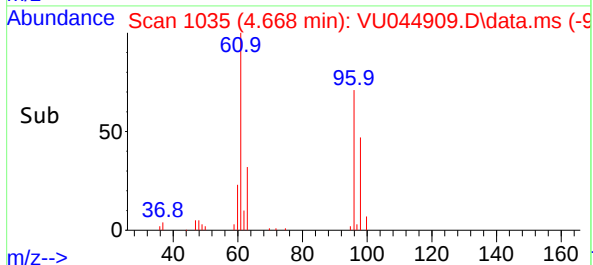
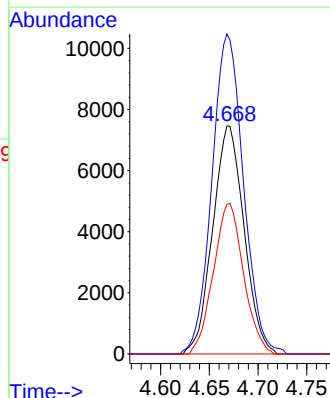
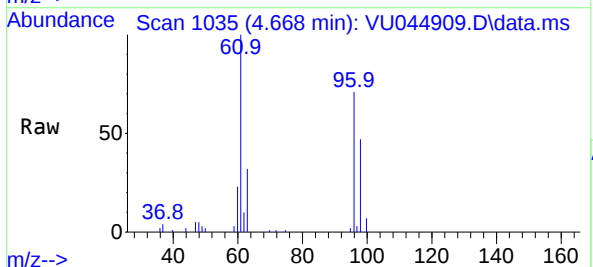
Instrument :  
MSVOA\_U  
ClientSampleId :  
1027-MW-01DL

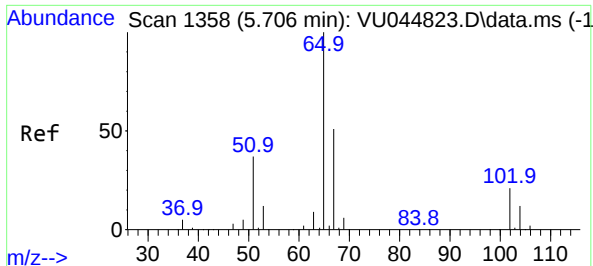
Tgt Ion:168 Resp: 201930  
Ion Ratio Lower Upper  
168 100  
99 63.4 51.4 77.0



#27  
cis-1,2-Dichloroethene  
Concen: 5.277 ug/l  
RT: 4.668 min Scan# 1035  
Delta R.T. -0.003 min  
Lab File: VU044909.D  
Acq: 28 Sep 2021 00:20

Tgt Ion: 96 Resp: 16707  
Ion Ratio Lower Upper  
96 100  
61 141.1 0.0 313.4  
98 63.4 0.0 127.0

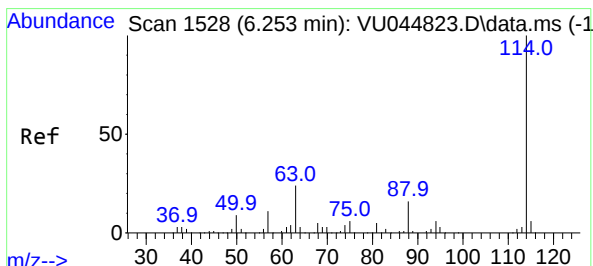
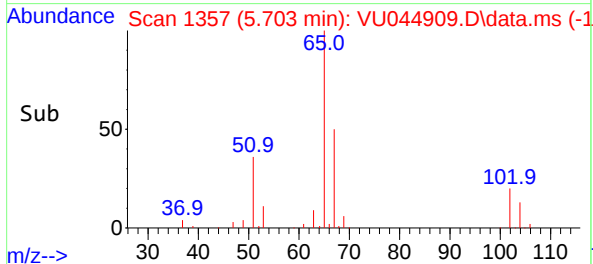
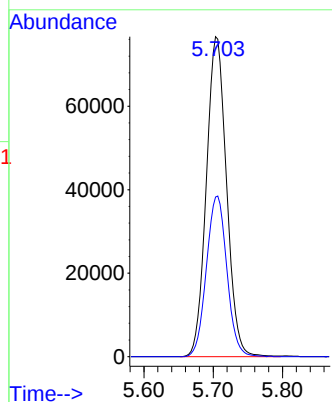
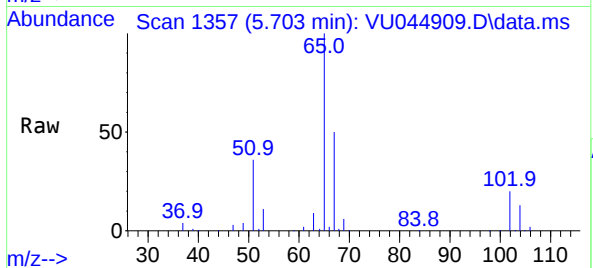




#33  
1,2-Dichloroethane-d4  
Concen: 43.941 ug/l  
RT: 5.703 min Scan# 1357  
Delta R.T. -0.003 min  
Lab File: VU044909.D  
Acq: 28 Sep 2021 00:20

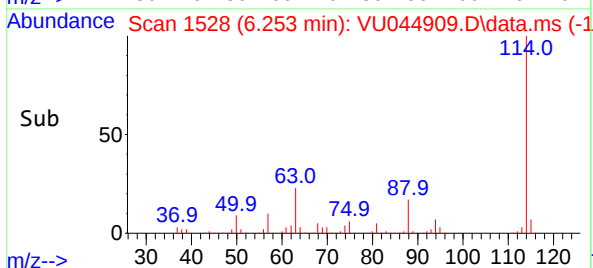
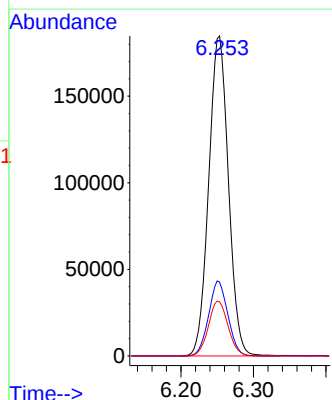
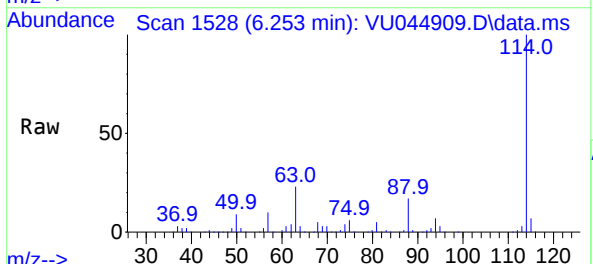
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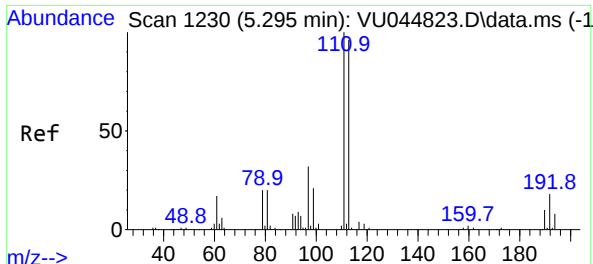
Tgt Ion: 65 Resp: 154858  
Ion Ratio Lower Upper  
65 100  
67 50.9 0.0 104.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.253 min Scan# 1528  
Delta R.T. 0.000 min  
Lab File: VU044909.D  
Acq: 28 Sep 2021 00:20

Tgt Ion: 114 Resp: 348857  
Ion Ratio Lower Upper  
114 100  
63 23.1 0.0 47.8  
88 16.9 0.0 32.8

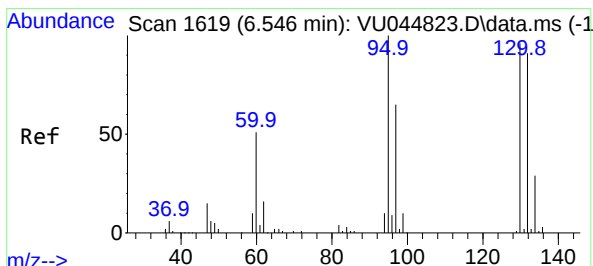
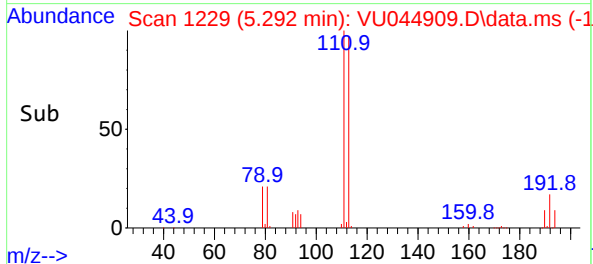
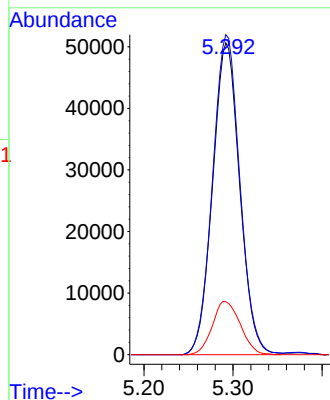
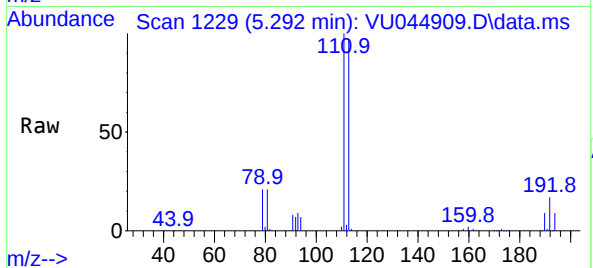




#35  
Dibromofluoromethane  
Concen: 44.635 ug/l  
RT: 5.292 min Scan# 1229  
Delta R.T. -0.003 min  
Lab File: VU044909.D  
Acq: 28 Sep 2021 00:20

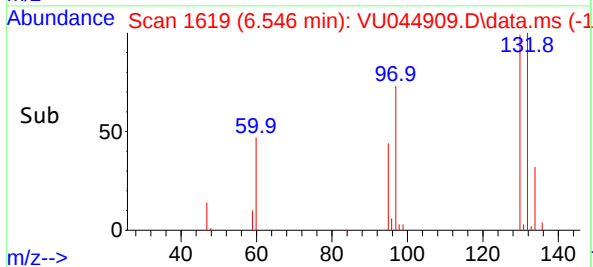
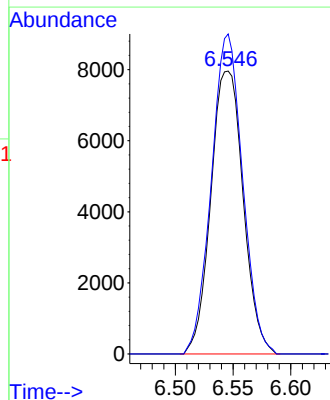
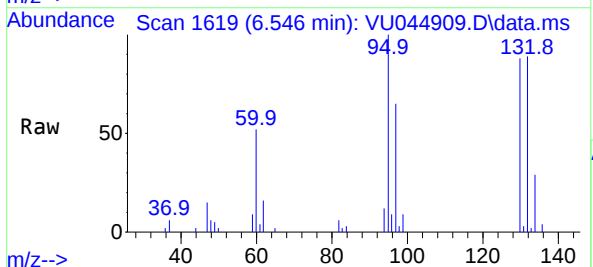
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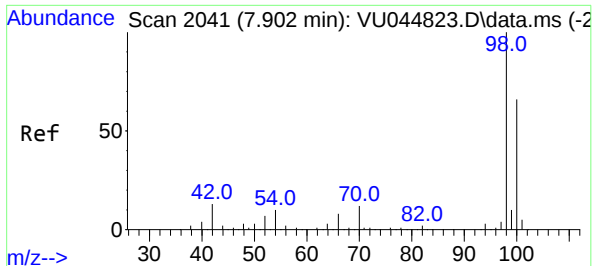
Tgt Ion:113 Resp: 106822  
Ion Ratio Lower Upper  
113 100  
111 103.6 84.1 126.1  
192 17.6 14.8 22.2



#44  
Trichloroethene  
Concen: 5.730 ug/l  
RT: 6.546 min Scan# 1619  
Delta R.T. 0.000 min  
Lab File: VU044909.D  
Acq: 28 Sep 2021 00:20

Tgt Ion:130 Resp: 15540  
Ion Ratio Lower Upper  
130 100  
95 113.1 0.0 209.0

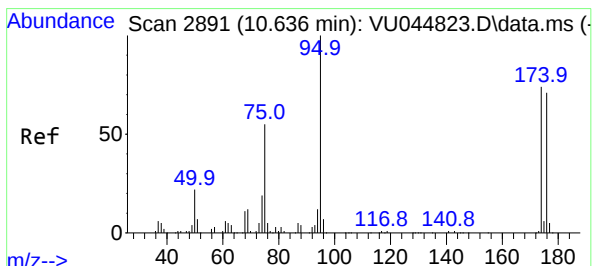
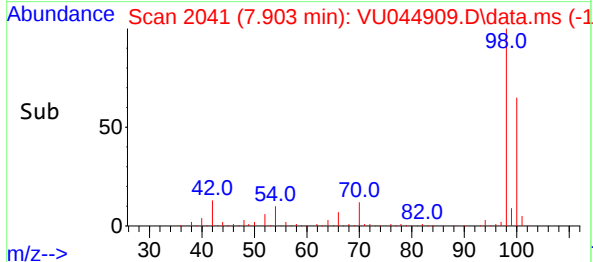
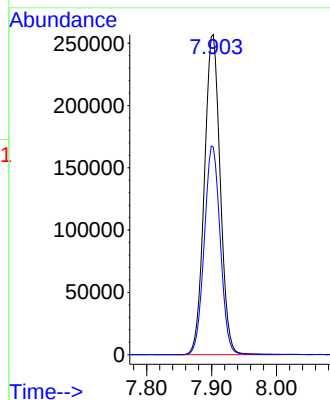
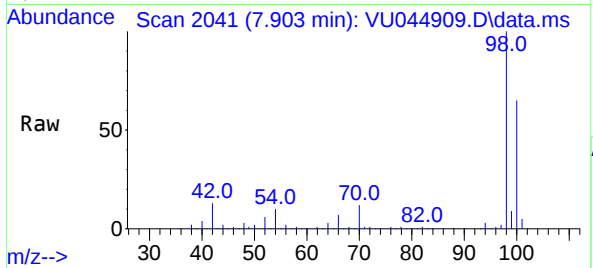




#50  
Toluene-d8  
Concen: 48.288 ug/l  
RT: 7.903 min Scan# 2041  
Delta R.T. 0.000 min  
Lab File: VU044909.D  
Acq: 28 Sep 2021 00:20

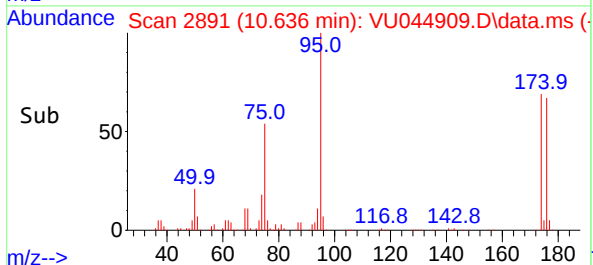
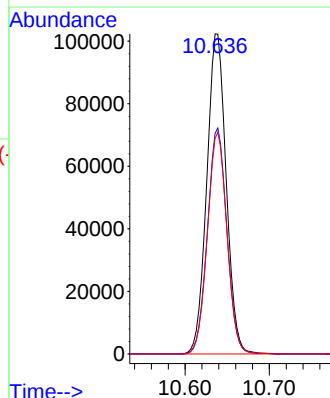
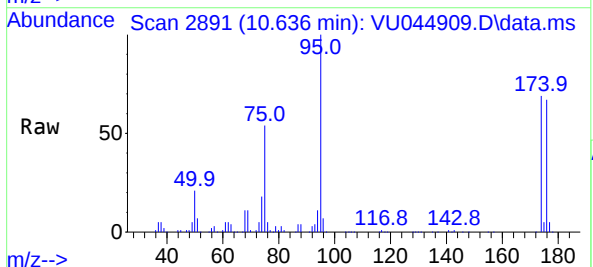
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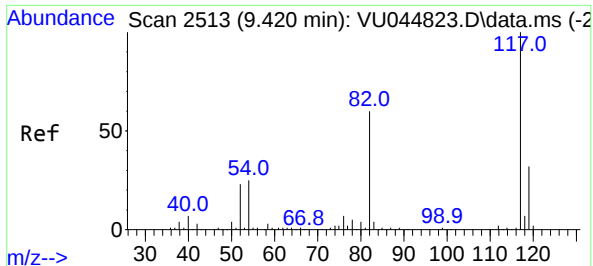
Tgt Ion: 98 Resp: 436455  
Ion Ratio Lower Upper  
98 100  
100 65.7 52.5 78.7



#62  
4-Bromofluorobenzene  
Concen: 48.902 ug/l  
RT: 10.636 min Scan# 2891  
Delta R.T. 0.000 min  
Lab File: VU044909.D  
Acq: 28 Sep 2021 00:20

Tgt Ion: 95 Resp: 164172  
Ion Ratio Lower Upper  
95 100  
174 70.5 0.0 146.6  
176 69.2 0.0 141.2

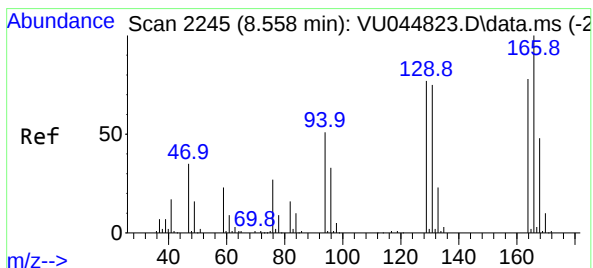
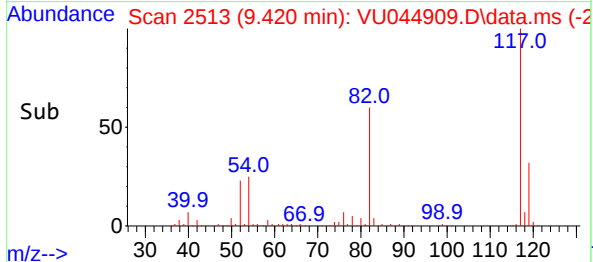
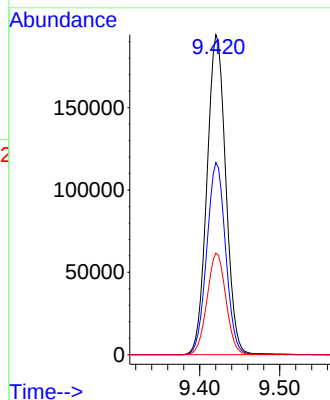
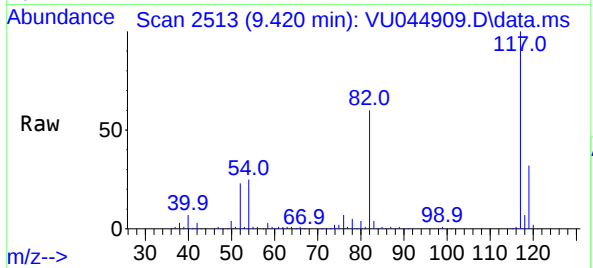




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.420 min Scan# 2513  
Delta R.T. 0.000 min  
Lab File: VU044909.D  
Acq: 28 Sep 2021 00:20

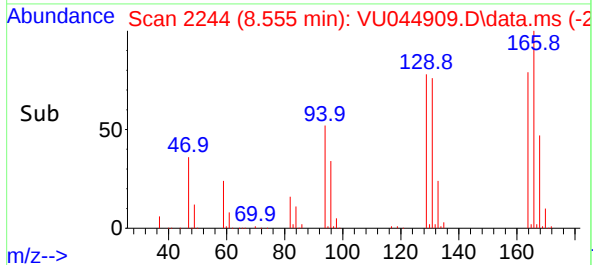
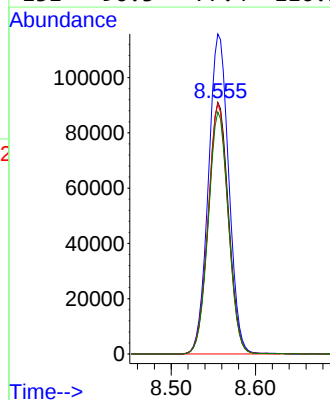
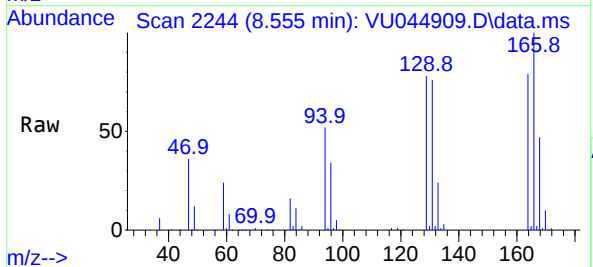
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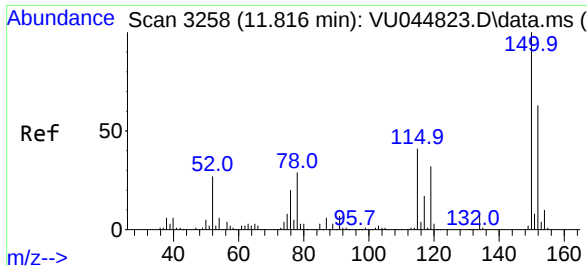
Tgt Ion:117 Resp: 318446  
Ion Ratio Lower Upper  
117 100  
82 60.0 47.8 71.8  
119 31.8 25.8 38.6



#64  
Tetrachloroethene  
Concen: 70.696 ug/l  
RT: 8.555 min Scan# 2244  
Delta R.T. -0.003 min  
Lab File: VU044909.D  
Acq: 28 Sep 2021 00:20

Tgt Ion:164 Resp: 152598  
Ion Ratio Lower Upper  
164 100  
166 127.3 102.8 154.2  
129 99.7 79.4 119.2  
131 96.3 77.4 116.2





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 11.816 min Scan# 3258  
 Delta R.T. 0.000 min  
 Lab File: VU044909.D  
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Tgt Ion:152 Resp: 147973  
 Ion Ratio Lower Upper  
 152 100  
 115 62.3 43.5 130.7  
 150 159.8 0.0 350.0

