

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU040621\  
 Data File : VU042962.D  
 Acq On : 06 Apr 2021 18:06  
 Operator : SY/MD  
 Sample : M1949-03  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MA-1

Quant Time: Apr 07 01:45:19 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U032421W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 25 05:42:00 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) Pentafluorobenzene       | 5.382  | 168  | 114354   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.256  | 114  | 187003   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 9.423  | 117  | 180221   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.819 | 152  | 87275    | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |        |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 5.710  | 65   | 92363    | 50.67 | ug/l    | 0.00     |
| Spiked Amount 50.000        |        |      | Recovery | =     | 101.34% |          |
| 35) Dibromofluoromethane    | 5.298  | 113  | 66286    | 47.50 | ug/l    | 0.00     |
| Spiked Amount 50.000        |        |      | Recovery | =     | 95.00%  |          |
| 50) Toluene-d8              | 7.906  | 98   | 235003   | 47.86 | ug/l    | 0.00     |
| Spiked Amount 50.000        |        |      | Recovery | =     | 95.72%  |          |
| 62) 4-Bromofluorobenzene    | 10.639 | 95   | 86769    | 45.48 | ug/l    | 0.00     |
| Spiked Amount 50.000        |        |      | Recovery | =     | 90.96%  |          |

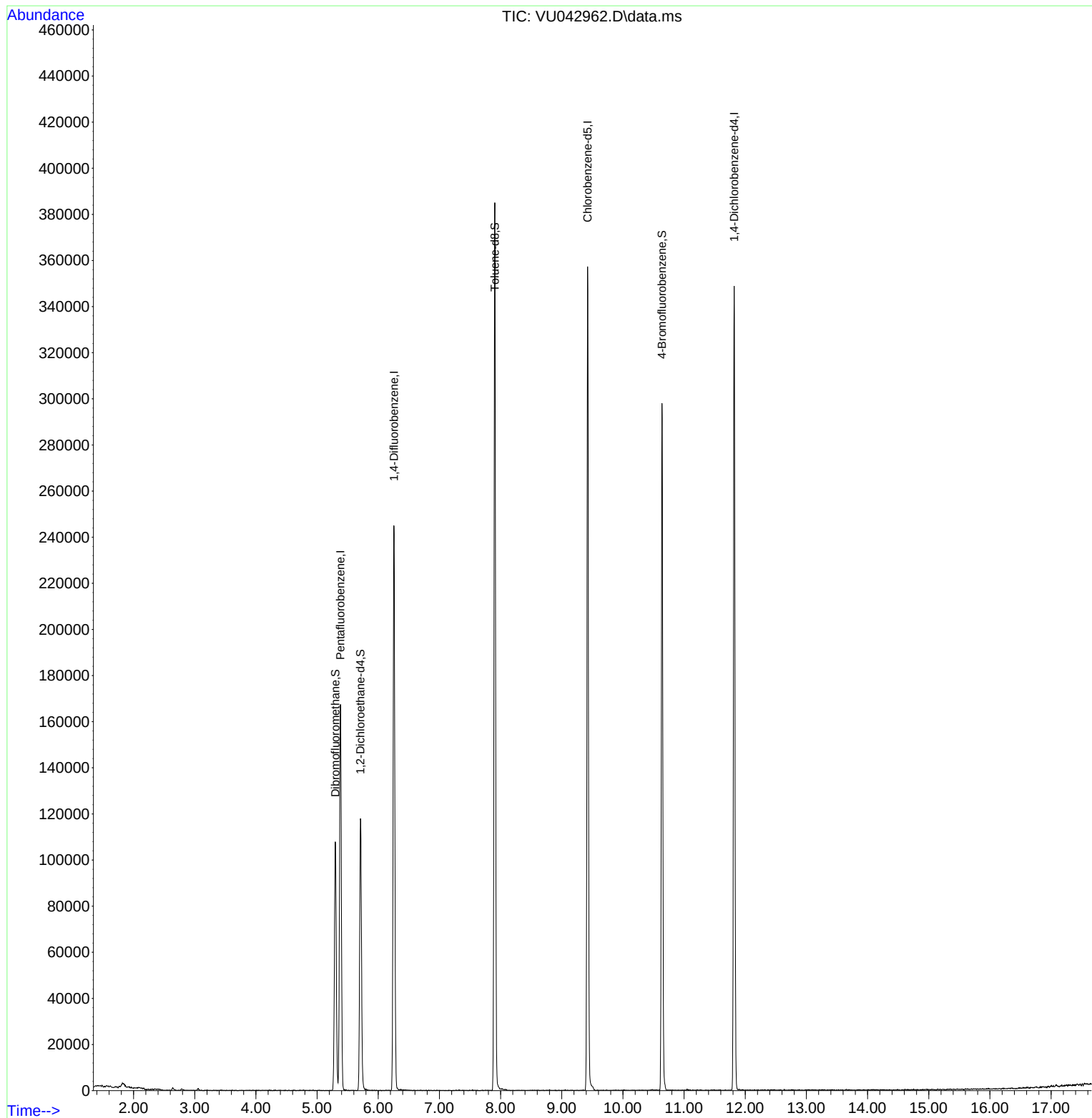
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

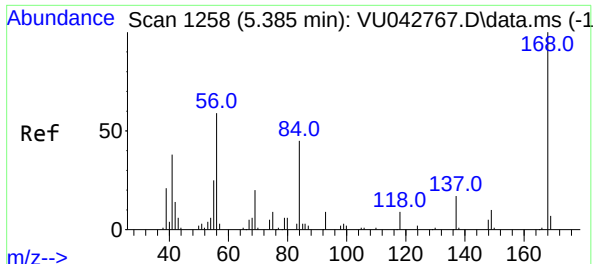
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Thu Mar 25 05:42:00 2021  
Response via : Initial Calibration

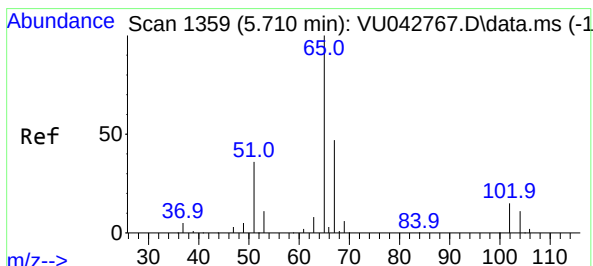
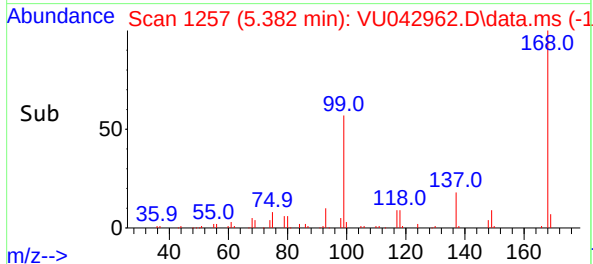
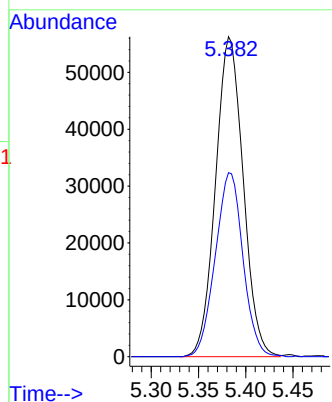
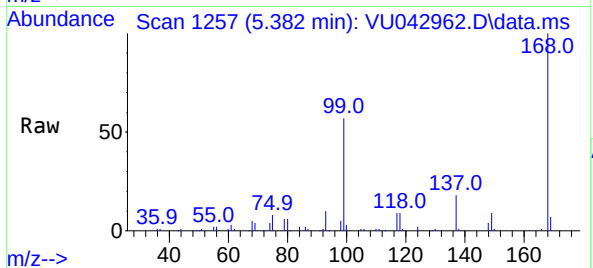




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.382 min Scan# 1257  
Delta R.T. -0.003 min  
Lab File: VU042962.D  
Acq: 06 Apr 2021 18:06

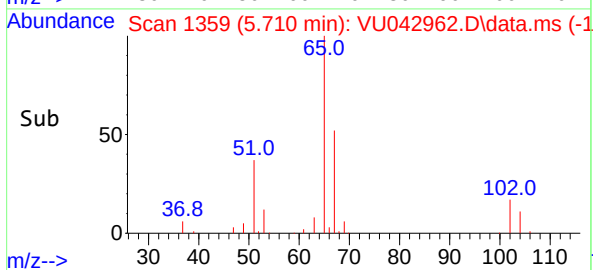
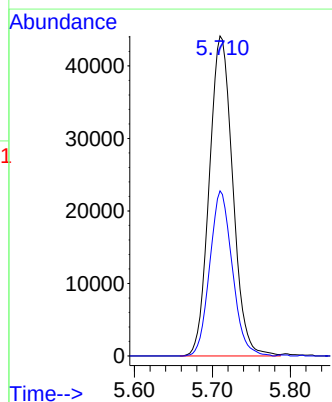
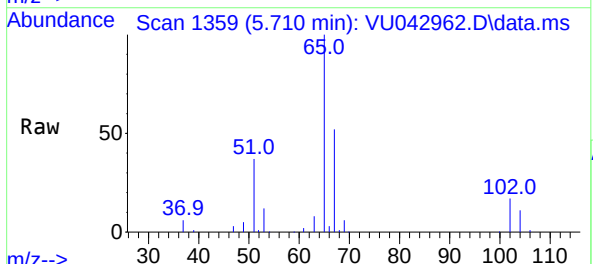
Instrument :  
MSVOA\_U  
ClientSampled :  
MA-1

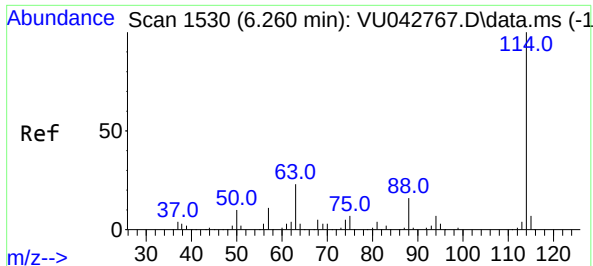
Tgt Ion:168 Resp: 114354  
Ion Ratio Lower Upper  
168 100  
99 57.5 46.4 69.6



#33  
1,2-Dichloroethane-d4  
Concen: 50.67 ug/l  
RT: 5.710 min Scan# 1359  
Delta R.T. -0.000 min  
Lab File: VU042962.D  
Acq: 06 Apr 2021 18:06

Tgt Ion: 65 Resp: 92363  
Ion Ratio Lower Upper  
65 100  
67 49.6 0.0 98.8



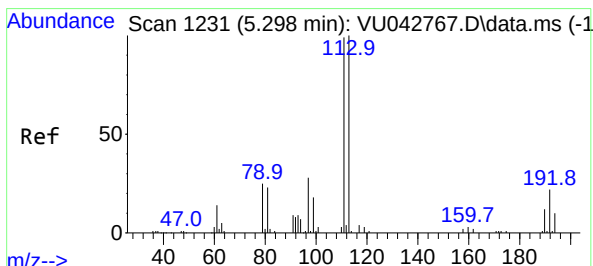
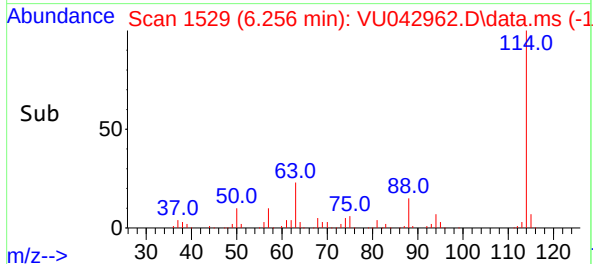
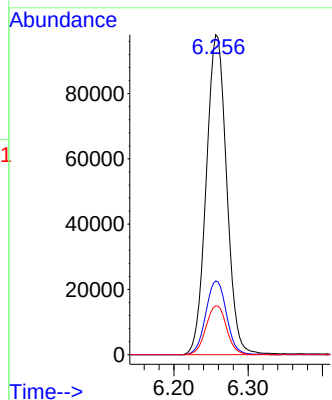
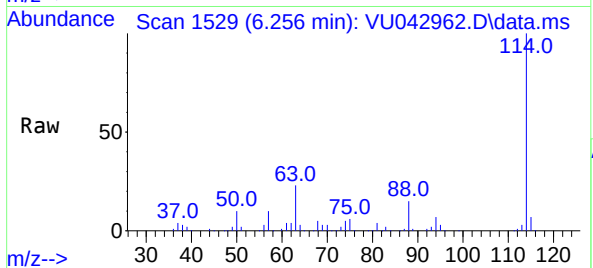


#34

1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.256 min Scan# 1529  
Delta R.T. -0.004 min  
Lab File: VU042962.D  
Acq: 06 Apr 2021 18:06

Instrument :  
MSVOA\_U  
ClientSampled :  
MA-1

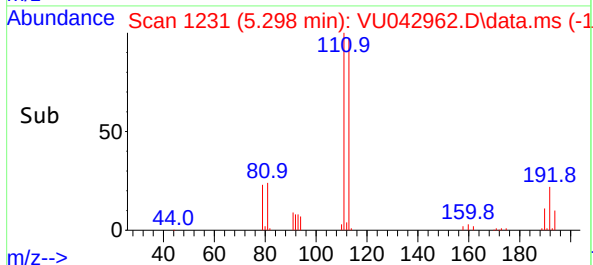
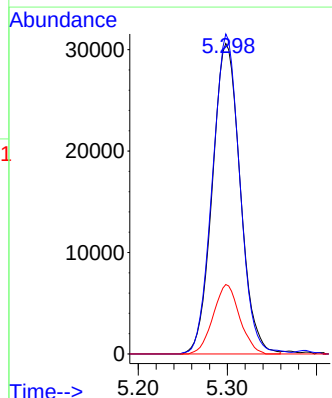
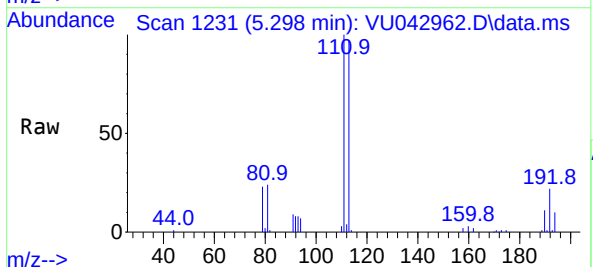
Tgt Ion:114 Resp: 187003  
Ion Ratio Lower Upper  
114 100  
63 23.1 0.0 46.8  
88 15.2 0.0 32.2

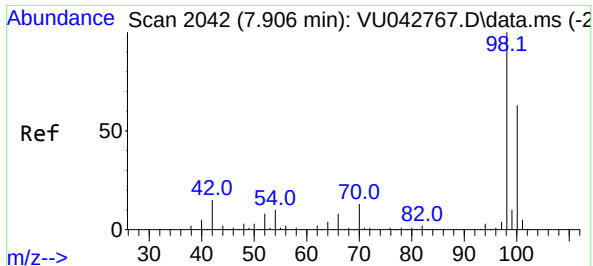


#35

Dibromofluoromethane  
Concen: 47.50 ug/l  
RT: 5.298 min Scan# 1231  
Delta R.T. -0.000 min  
Lab File: VU042962.D  
Acq: 06 Apr 2021 18:06

Tgt Ion:113 Resp: 66286  
Ion Ratio Lower Upper  
113 100  
111 101.3 82.1 123.1  
192 21.3 17.6 26.4

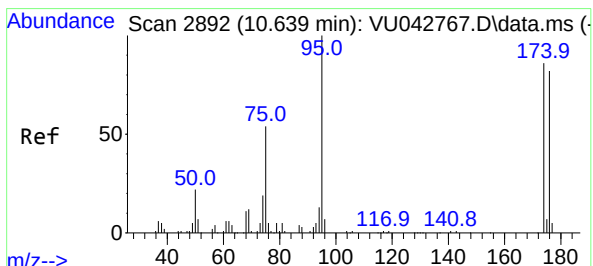
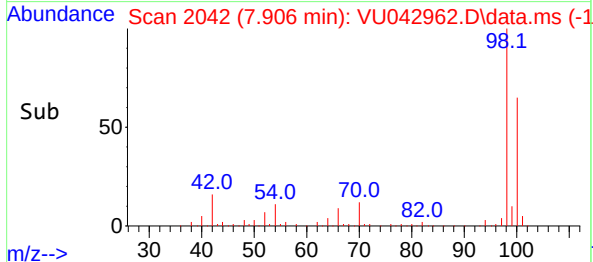
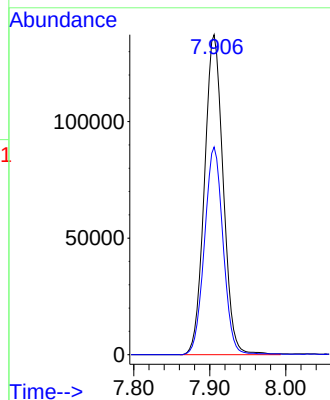
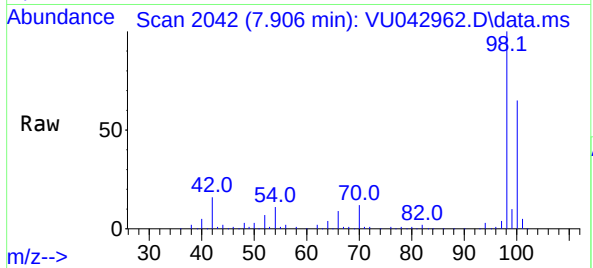




#50  
Toluene-d8  
Concen: 47.86 ug/l  
RT: 7.906 min Scan# 2042  
Delta R.T. -0.000 min  
Lab File: VU042962.D  
Acq: 06 Apr 2021 18:06

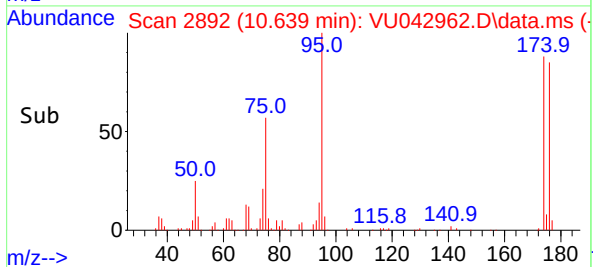
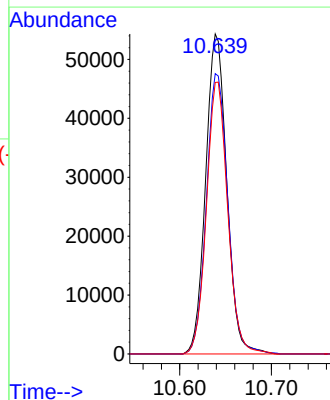
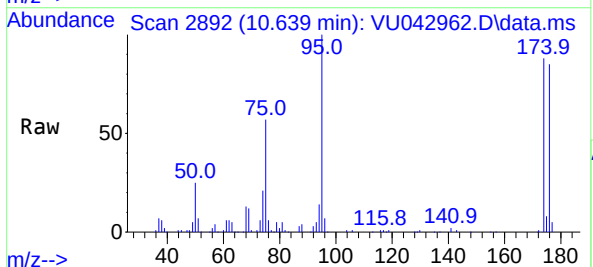
Instrument :  
MSVOA\_U  
ClientSampled :  
MA-1

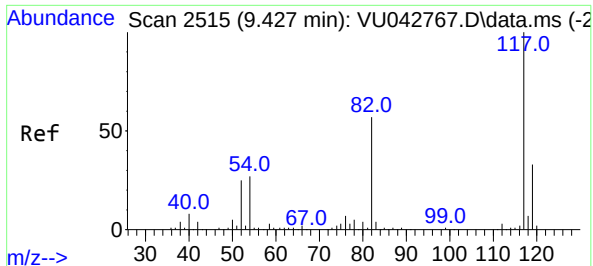
Tgt Ion: 98 Resp: 235003  
Ion Ratio Lower Upper  
98 100  
100 64.3 50.4 75.6



#62  
4-Bromofluorobenzene  
Concen: 45.48 ug/l  
RT: 10.639 min Scan# 2892  
Delta R.T. -0.000 min  
Lab File: VU042962.D  
Acq: 06 Apr 2021 18:06

Tgt Ion: 95 Resp: 86769  
Ion Ratio Lower Upper  
95 100  
174 89.4 0.0 175.2  
176 85.6 0.0 167.4

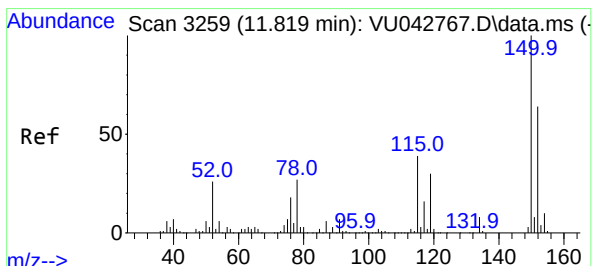
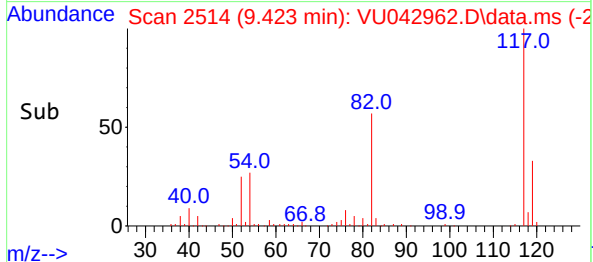
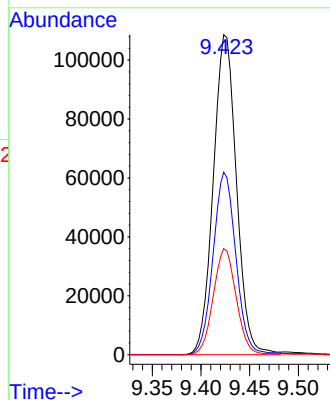
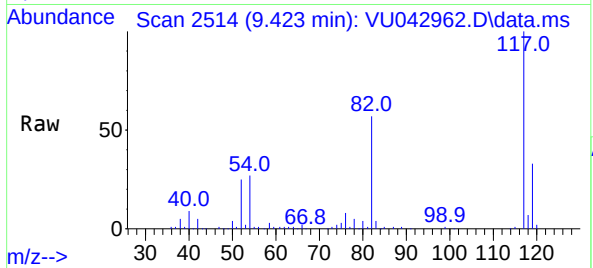




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.423 min Scan# 2514  
Delta R.T. -0.003 min  
Lab File: VU042962.D  
Acq: 06 Apr 2021 18:06

Instrument :  
MSVOA\_U  
ClientSampled :  
MA-1

Tgt Ion:117 Resp: 180221  
Ion Ratio Lower Upper  
117 100  
82 57.1 45.5 68.3  
119 33.1 26.2 39.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 11.819 min Scan# 3259  
Delta R.T. -0.000 min  
Lab File: VU042962.D  
Acq: 06 Apr 2021 18:06

Tgt Ion:152 Resp: 87275  
Ion Ratio Lower Upper  
152 100  
115 58.9 41.0 123.0  
150 159.4 0.0 341.0

