

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU061421\  
 Data File : VU044173.D  
 Acq On : 14 Jun 2021 12:02  
 Operator : SY/MD  
 Sample : VU0614WBL01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0614WBL01

Quant Time: Jun 15 02:42:29 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U060921W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 10 05:11:37 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|--------|---------|----------|
| -----                       |        |      |          |        |         |          |
| Internal Standards          |        |      |          |        |         |          |
| 1) Pentafluorobenzene       | 5.385  | 168  | 192231   | 50.000 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.260  | 114  | 355348   | 50.000 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 9.427  | 117  | 325448   | 50.000 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.822 | 152  | 173791   | 50.000 | ug/l    | 0.00     |
| System Monitoring Compounds |        |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 5.713  | 65   | 151444   | 49.541 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 99.080% |          |
| 35) Dibromofluoromethane    | 5.301  | 113  | 110631   | 44.755 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 89.520% |          |
| 50) Toluene-d8              | 7.906  | 98   | 443430   | 46.710 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 93.420% |          |
| 62) 4-Bromofluorobenzene    | 10.642 | 95   | 163515   | 42.980 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 85.960% |          |

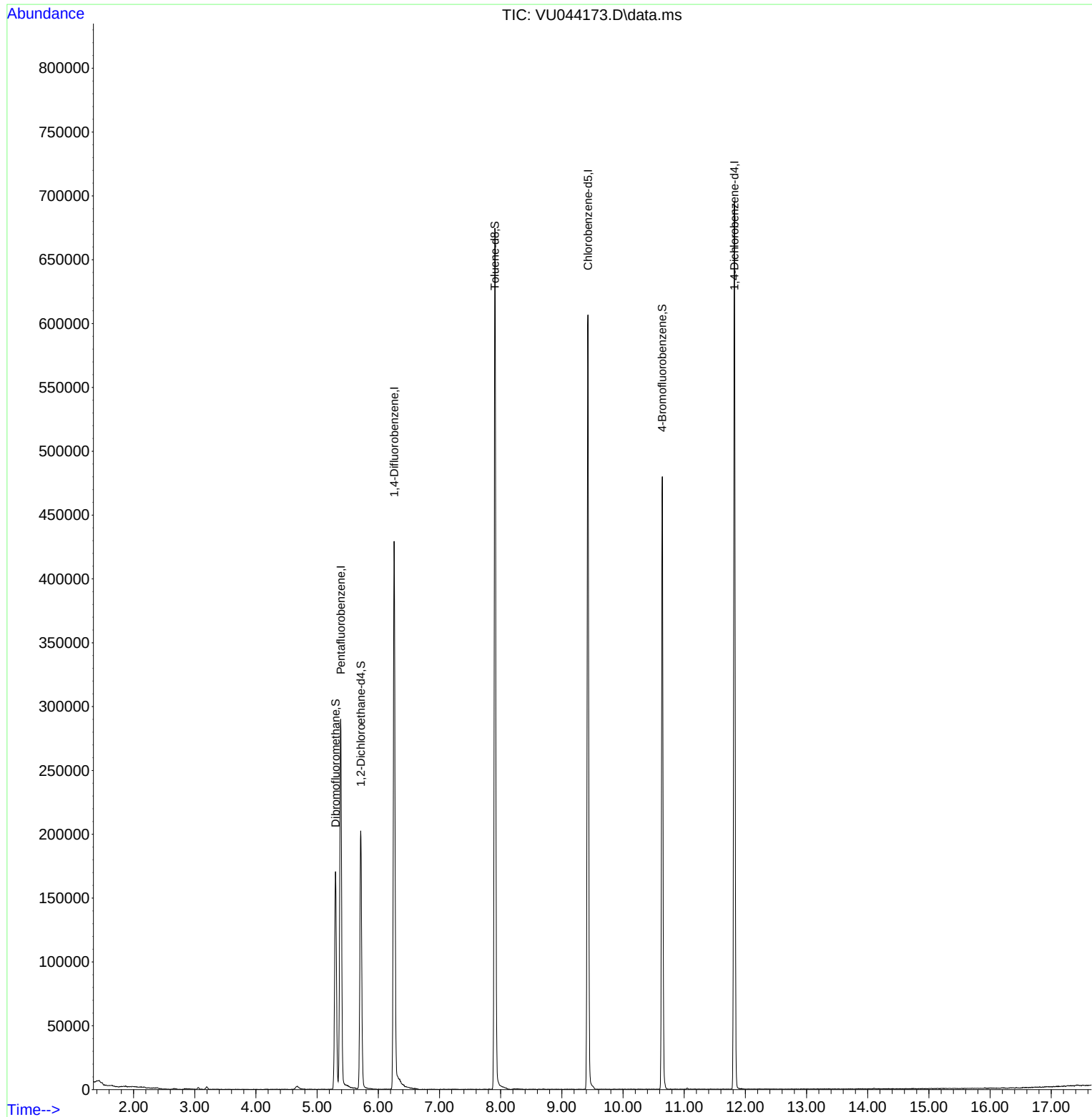
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

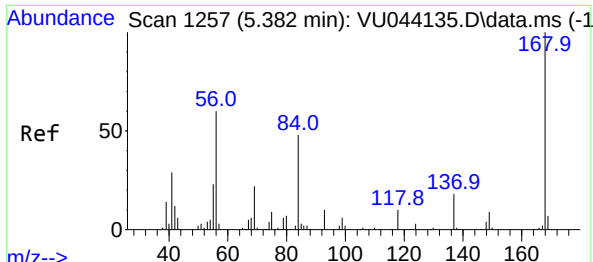
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U060921W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 10 05:11:37 2021  
Response via : Initial Calibration

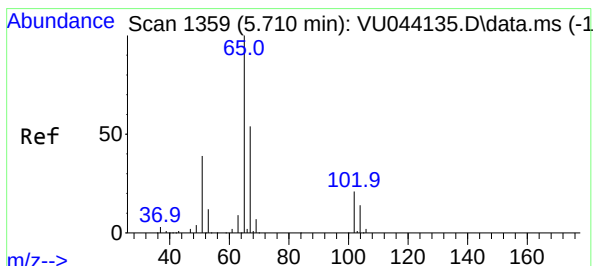
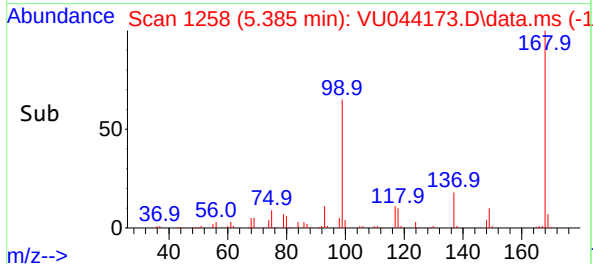
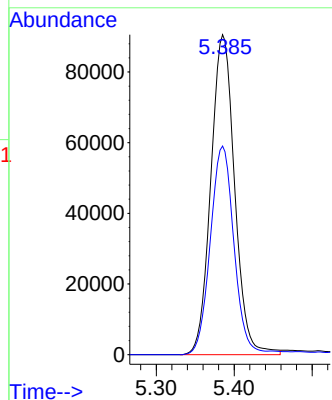
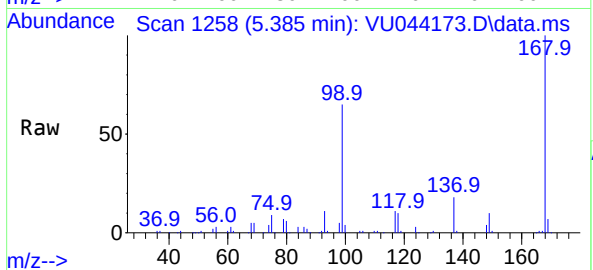




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.385 min Scan# 1258  
Delta R.T. 0.003 min  
Lab File: VU044173.D  
Acq: 14 Jun 2021 12:02

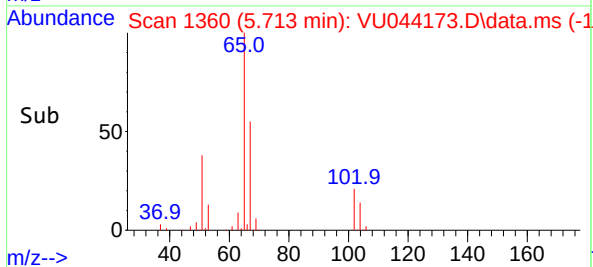
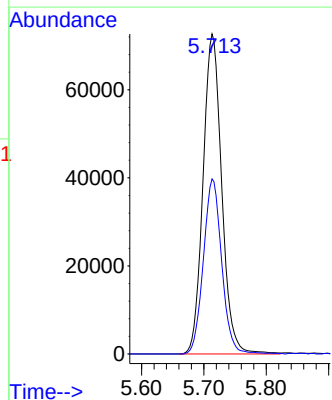
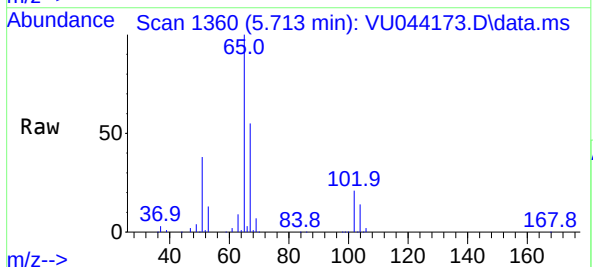
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0614WBL01

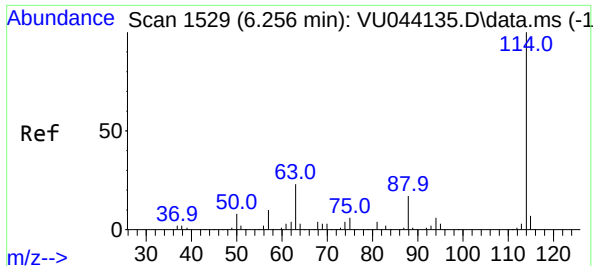
Tgt Ion:168 Resp: 192231  
Ion Ratio Lower Upper  
168 100  
99 65.2 51.3 76.9



#33  
1,2-Dichloroethane-d4  
Concen: 49.541 ug/l  
RT: 5.713 min Scan# 1360  
Delta R.T. 0.003 min  
Lab File: VU044173.D  
Acq: 14 Jun 2021 12:02

Tgt Ion: 65 Resp: 151444  
Ion Ratio Lower Upper  
65 100  
67 53.6 0.0 106.6



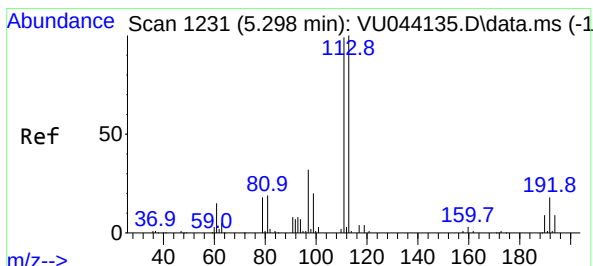
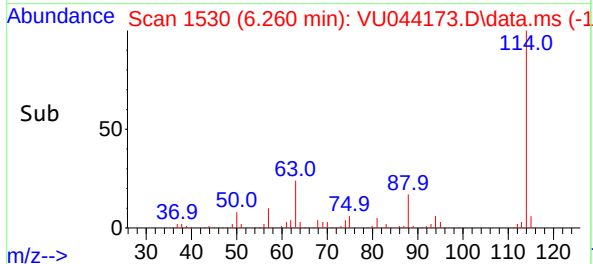
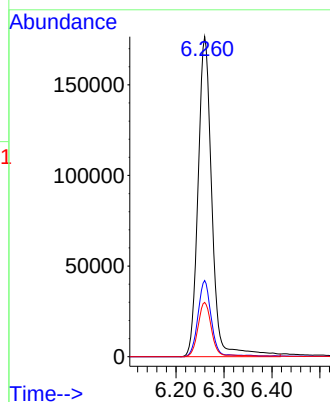
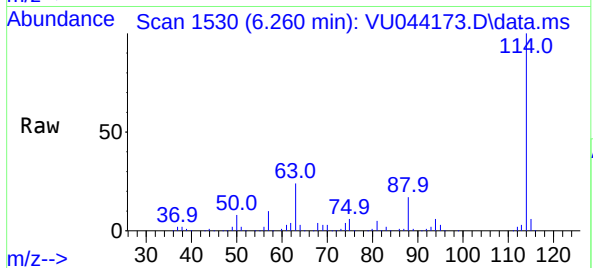


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.260 min Scan# 1530  
Delta R.T. 0.004 min  
Lab File: VU044173.D  
Acq: 14 Jun 2021 12:02

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0614WBL01

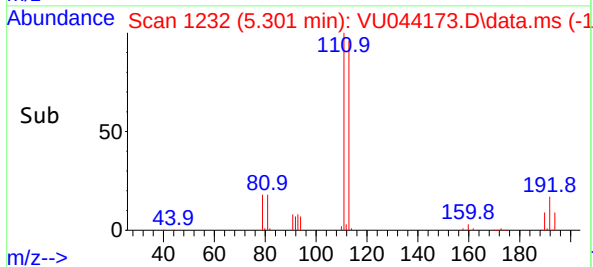
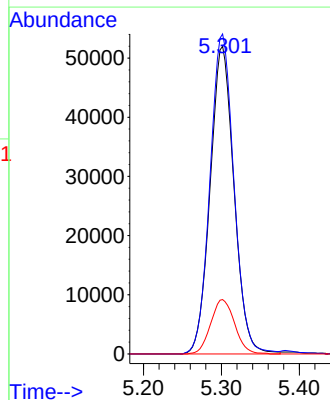
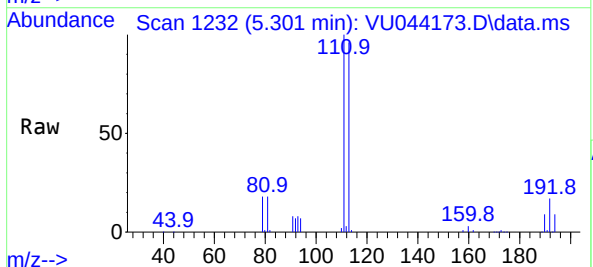
Tgt Ion:114 Resp: 355348  
Ion Ratio Lower Upper  
114 100  
63 23.8 0.0 45.8  
88 17.0 0.0 34.0

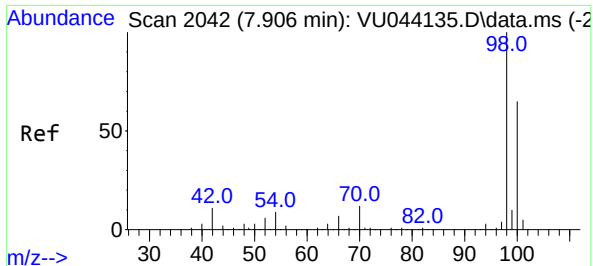


#35

Dibromofluoromethane  
Concen: 44.755 ug/l  
RT: 5.301 min Scan# 1232  
Delta R.T. 0.003 min  
Lab File: VU044173.D  
Acq: 14 Jun 2021 12:02

Tgt Ion:113 Resp: 110631  
Ion Ratio Lower Upper  
113 100  
111 104.3 81.0 121.4  
192 17.8 14.3 21.5

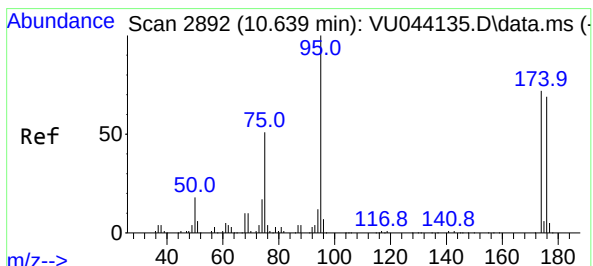
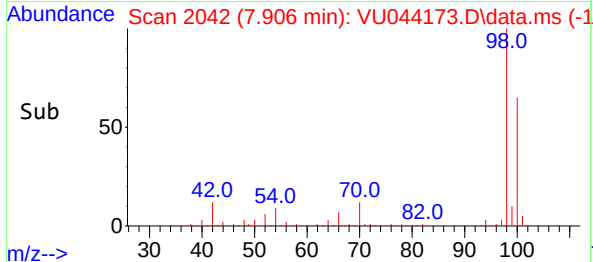
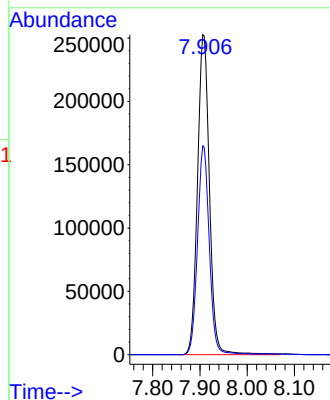
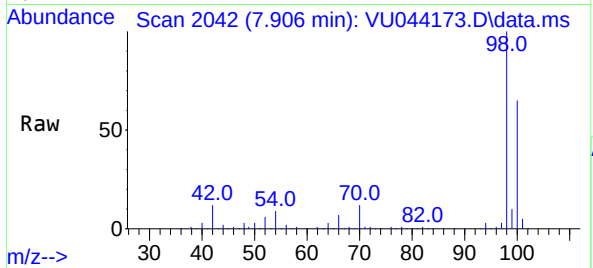




#50  
Toluene-d8  
Concen: 46.710 ug/l  
RT: 7.906 min Scan# 2042  
Delta R.T. -0.000 min  
Lab File: VU044173.D  
Acq: 14 Jun 2021 12:02

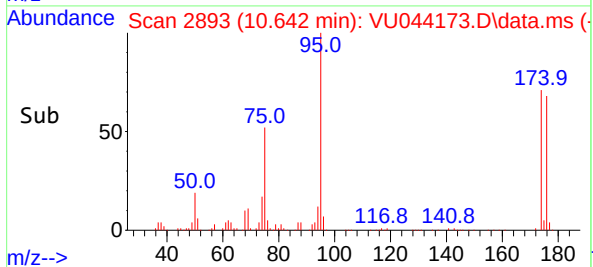
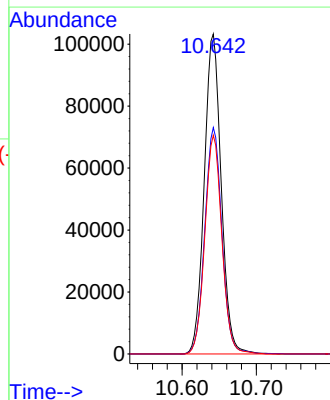
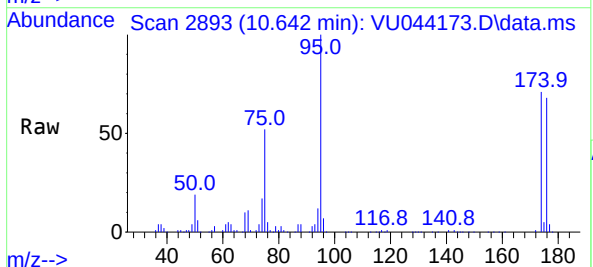
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0614WBL01

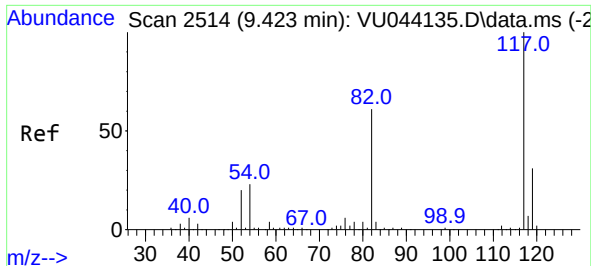
Tgt Ion: 98 Resp: 443430  
Ion Ratio Lower Upper  
98 100  
100 64.3 52.2 78.4



#62  
4-Bromofluorobenzene  
Concen: 42.980 ug/l  
RT: 10.642 min Scan# 2893  
Delta R.T. 0.003 min  
Lab File: VU044173.D  
Acq: 14 Jun 2021 12:02

Tgt Ion: 95 Resp: 163515  
Ion Ratio Lower Upper  
95 100  
174 71.6 0.0 144.4  
176 68.5 0.0 138.0

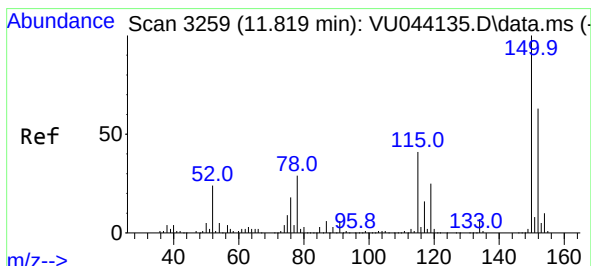
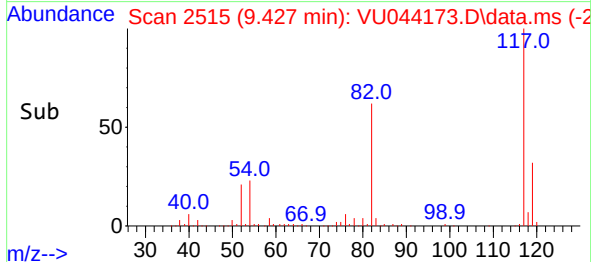
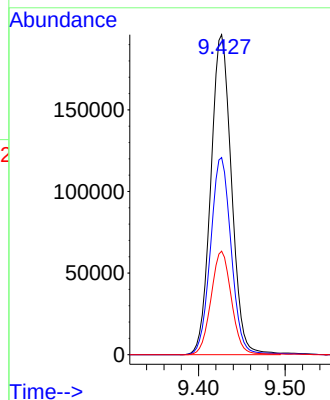
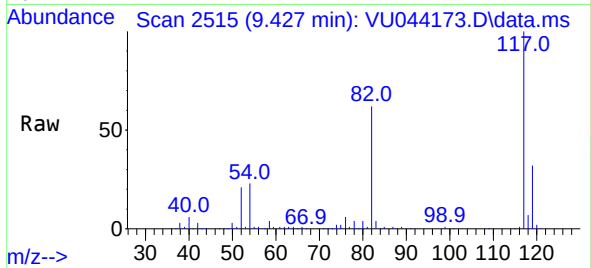




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.427 min Scan# 2515  
Delta R.T. 0.003 min  
Lab File: VU044173.D  
Acq: 14 Jun 2021 12:02

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0614WBL01

Tgt Ion:117 Resp: 325448  
Ion Ratio Lower Upper  
117 100  
82 61.6 48.8 73.2  
119 32.4 25.0 37.6



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.822 min Scan# 3260  
Delta R.T. 0.003 min  
Lab File: VU044173.D  
Acq: 14 Jun 2021 12:02

Tgt Ion:152 Resp: 173791  
Ion Ratio Lower Upper  
152 100  
115 62.9 43.8 131.3  
150 157.6 0.0 350.6

