

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU022221\  
 Data File : VU042381.D  
 Acq On : 22 Feb 2021 10:04  
 Operator : SY/MD  
 Sample : VU0222MBL01  
 Misc : 5.0g/10mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0222MBL01

Quant Time: Feb 22 13:35:35 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U021721W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 19 02:55:52 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) Pentafluorobenzene       | 5.385  | 168  | 147530   | 50.00 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.260  | 114  | 224046   | 50.00 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 9.427  | 117  | 200201   | 50.00 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.822 | 152  | 91915    | 50.00 | ug/l   | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.713  | 65   | 109714   | 49.04 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 98.08% |          |
| 35) Dibromofluoromethane    | 5.298  | 113  | 77587    | 49.06 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 98.12% |          |
| 50) Toluene-d8              | 7.906  | 98   | 275898   | 48.71 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 97.42% |          |
| 62) 4-Bromofluorobenzene    | 10.642 | 95   | 98459    | 44.11 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 88.22% |          |

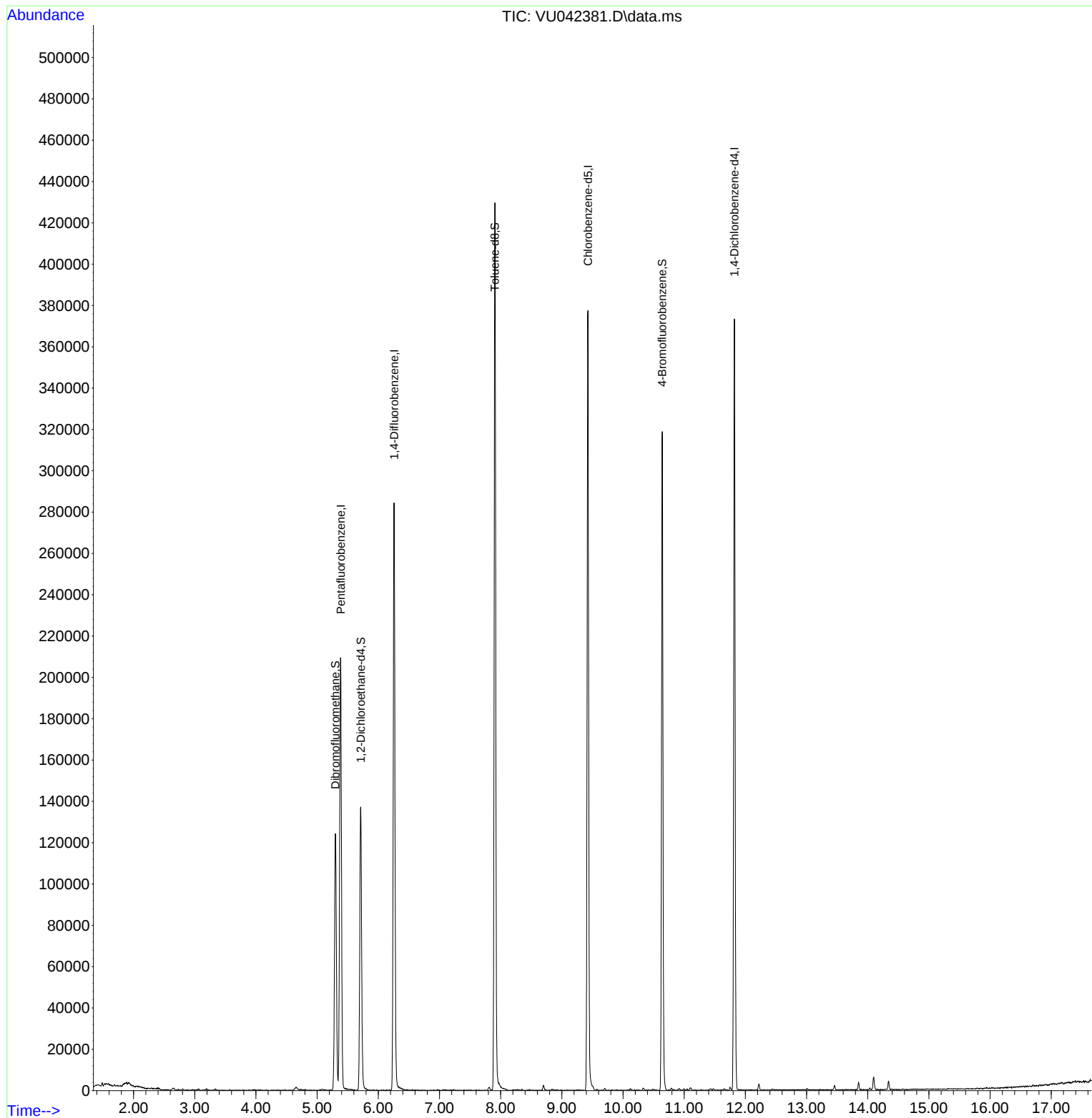
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

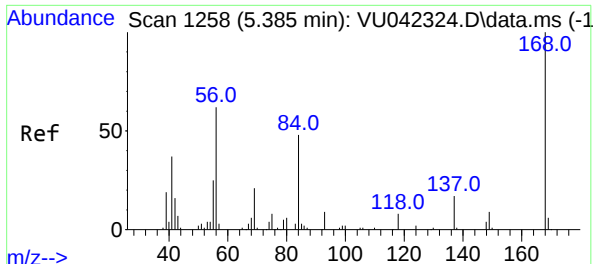
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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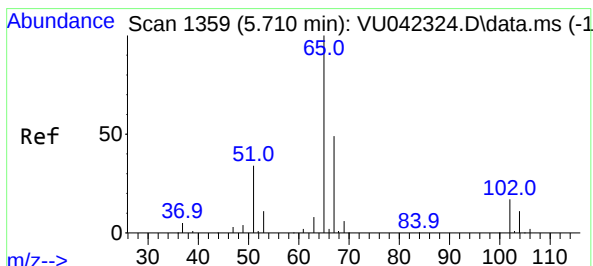
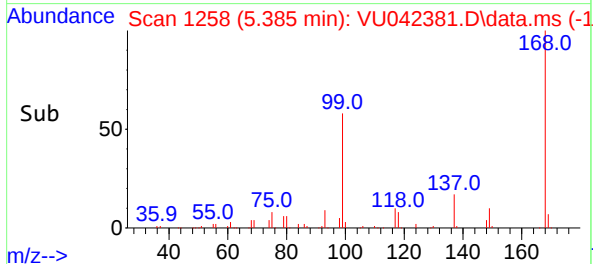
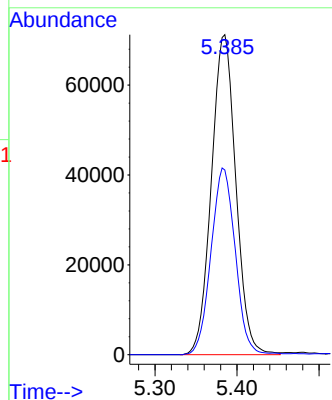
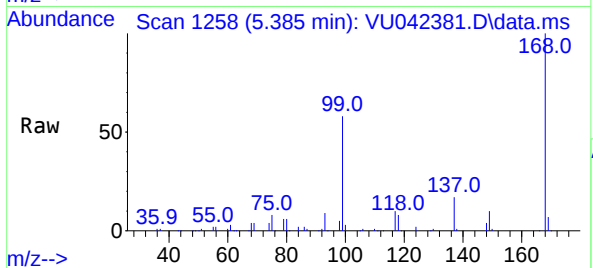




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.385 min Scan# 1258  
Delta R.T. 0.000 min  
Lab File: VU042381.D  
Acq: 22 Feb 2021 10:04

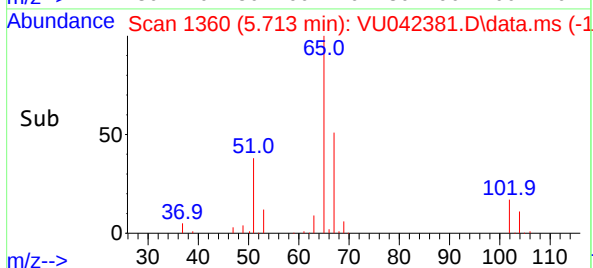
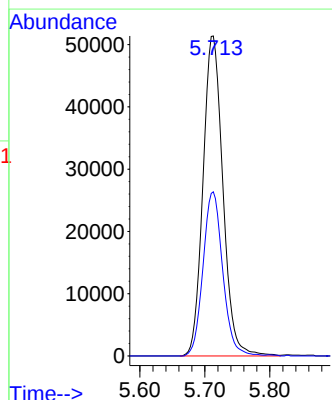
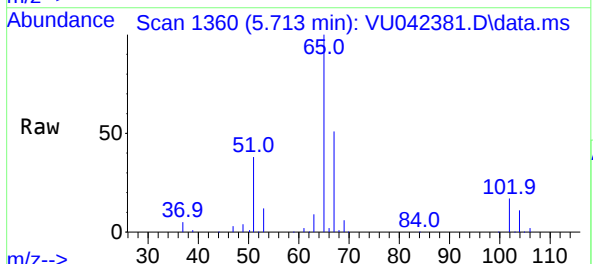
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0222MBL01

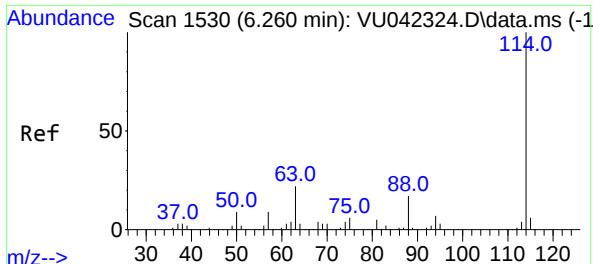
Tgt Ion:168 Resp: 147530  
Ion Ratio Lower Upper  
168 100  
99 57.7 45.0 67.4



#33  
1,2-Dichloroethane-d4  
Concen: 49.04 ug/l  
RT: 5.713 min Scan# 1360  
Delta R.T. 0.003 min  
Lab File: VU042381.D  
Acq: 22 Feb 2021 10:04

Tgt Ion: 65 Resp: 109714  
Ion Ratio Lower Upper  
65 100  
67 50.7 0.0 99.8

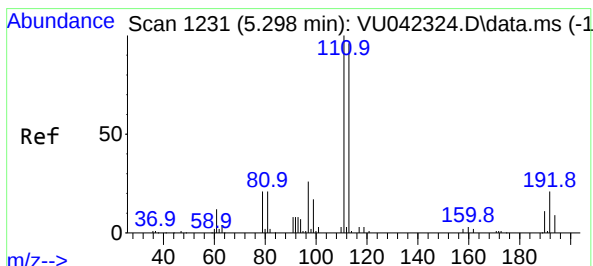
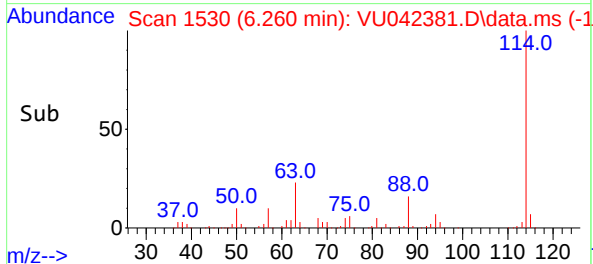
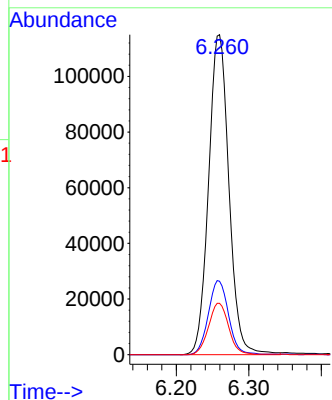
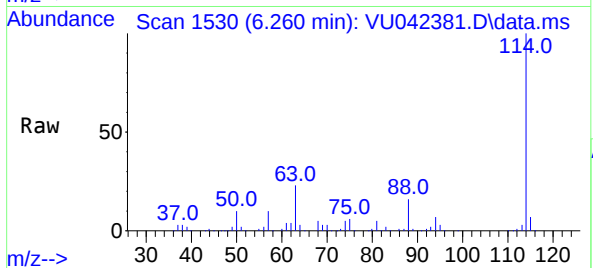




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.260 min Scan# 1530  
Delta R.T. -0.000 min  
Lab File: VU042381.D  
Acq: 22 Feb 2021 10:04

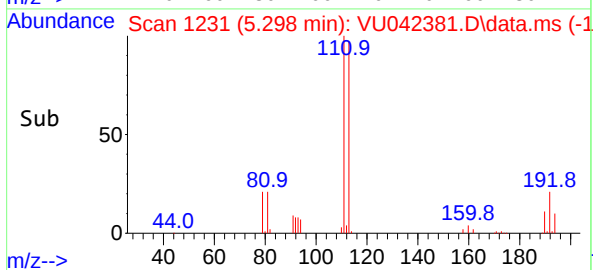
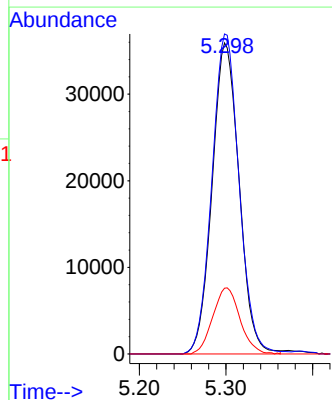
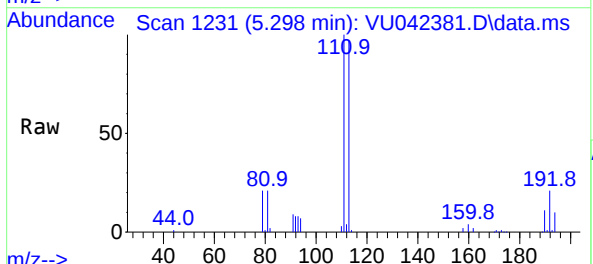
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0222MBL01

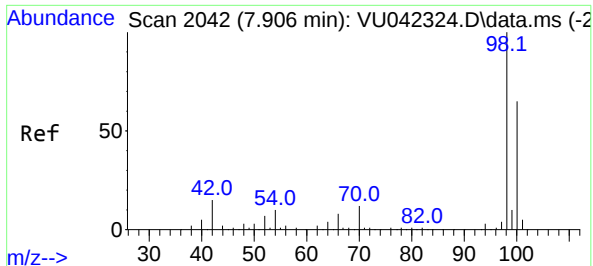
Tgt Ion:114 Resp: 224046  
Ion Ratio Lower Upper  
114 100  
63 23.0 0.0 44.2  
88 16.0 0.0 33.4



#35  
Dibromofluoromethane  
Concen: 49.06 ug/l  
RT: 5.298 min Scan# 1231  
Delta R.T. -0.000 min  
Lab File: VU042381.D  
Acq: 22 Feb 2021 10:04

Tgt Ion:113 Resp: 77587  
Ion Ratio Lower Upper  
113 100  
111 103.8 81.8 122.8  
192 21.5 17.2 25.8

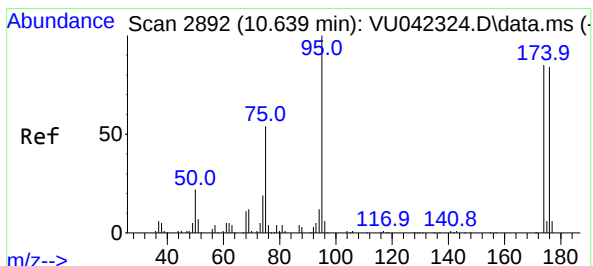
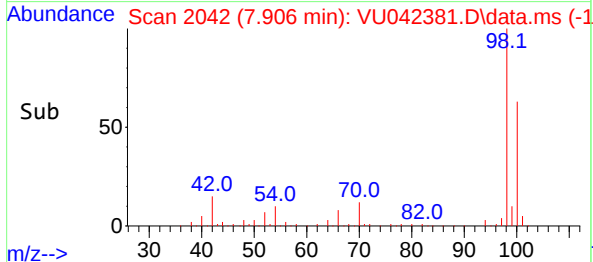
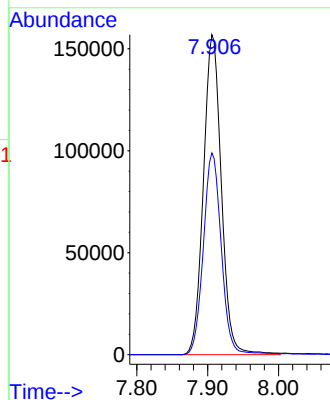
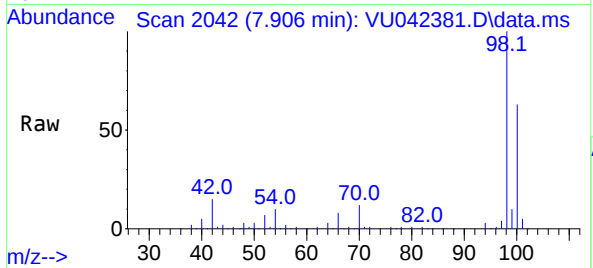




#50  
Toluene-d8  
Concen: 48.71 ug/l  
RT: 7.906 min Scan# 2042  
Delta R.T. -0.000 min  
Lab File: VU042381.D  
Acq: 22 Feb 2021 10:04

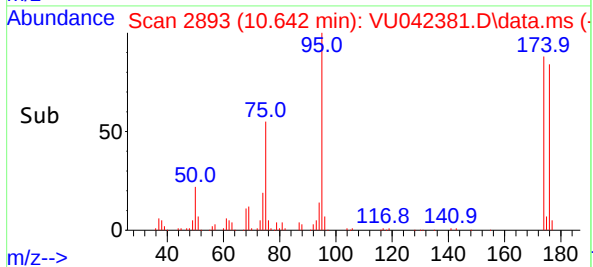
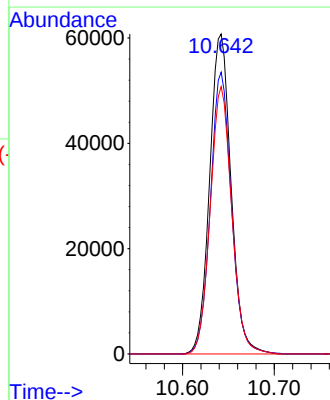
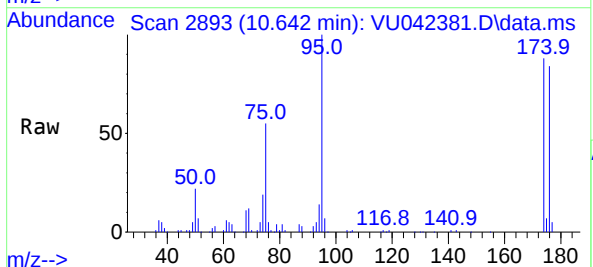
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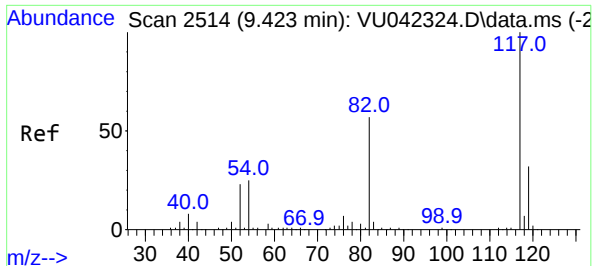
Tgt Ion: 98 Resp: 275898  
Ion Ratio Lower Upper  
98 100  
100 63.0 50.2 75.2



#62  
4-Bromofluorobenzene  
Concen: 44.11 ug/l  
RT: 10.642 min Scan# 2893  
Delta R.T. 0.003 min  
Lab File: VU042381.D  
Acq: 22 Feb 2021 10:04

Tgt Ion: 95 Resp: 98459  
Ion Ratio Lower Upper  
95 100  
174 86.6 0.0 172.2  
176 83.7 0.0 168.8

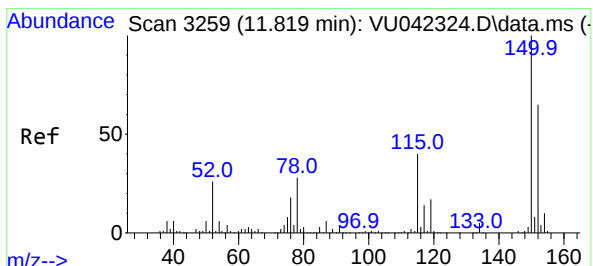
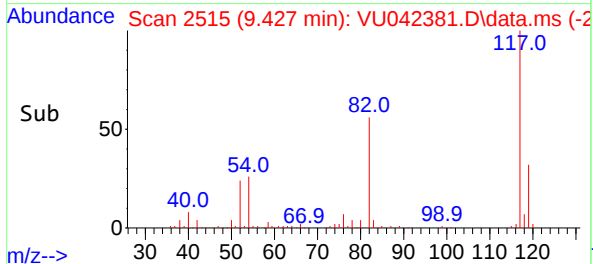
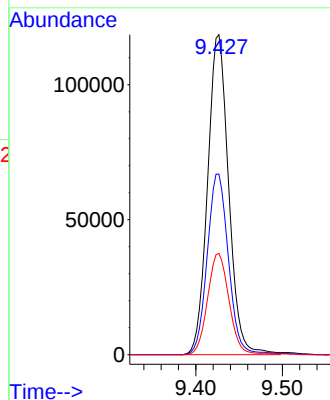
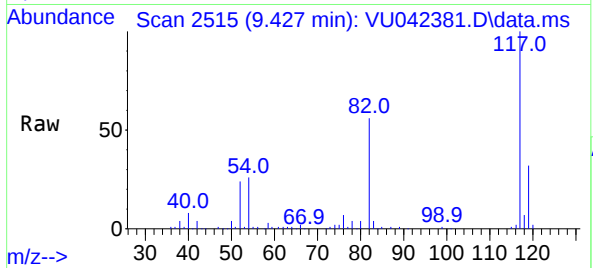




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.427 min Scan# 2515  
Delta R.T. 0.003 min  
Lab File: VU042381.D  
Acq: 22 Feb 2021 10:04

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0222MBL01

Tgt Ion:117 Resp: 200201  
Ion Ratio Lower Upper  
117 100  
82 56.4 45.8 68.6  
119 31.7 25.8 38.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 11.822 min Scan# 3260  
Delta R.T. 0.003 min  
Lab File: VU042381.D  
Acq: 22 Feb 2021 10:04

Tgt Ion:152 Resp: 91915  
Ion Ratio Lower Upper  
152 100  
115 59.0 41.5 124.6  
150 161.7 0.0 342.4

