

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU032521\  
 Data File : VU042775.D  
 Acq On : 25 Mar 2021 11:00  
 Operator : SY/MD  
 Sample : VU0325WBL01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0325WBL01

Quant Time: Mar 26 02:03:26 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       | 5.385  | 168  | 112335   | 50.00 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.257  | 114  | 171515   | 50.00 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 9.427  | 117  | 165426   | 50.00 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.819 | 152  | 82262    | 50.00 | ug/l   | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.710  | 65   | 87844    | 49.05 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 98.10% |          |
| 35) Dibromofluoromethane    | 5.298  | 113  | 60879    | 47.56 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 95.12% |          |
| 50) Toluene-d8              | 7.906  | 98   | 215668   | 47.89 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 95.78% |          |
| 62) 4-Bromofluorobenzene    | 10.642 | 95   | 78497    | 44.86 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 89.72% |          |

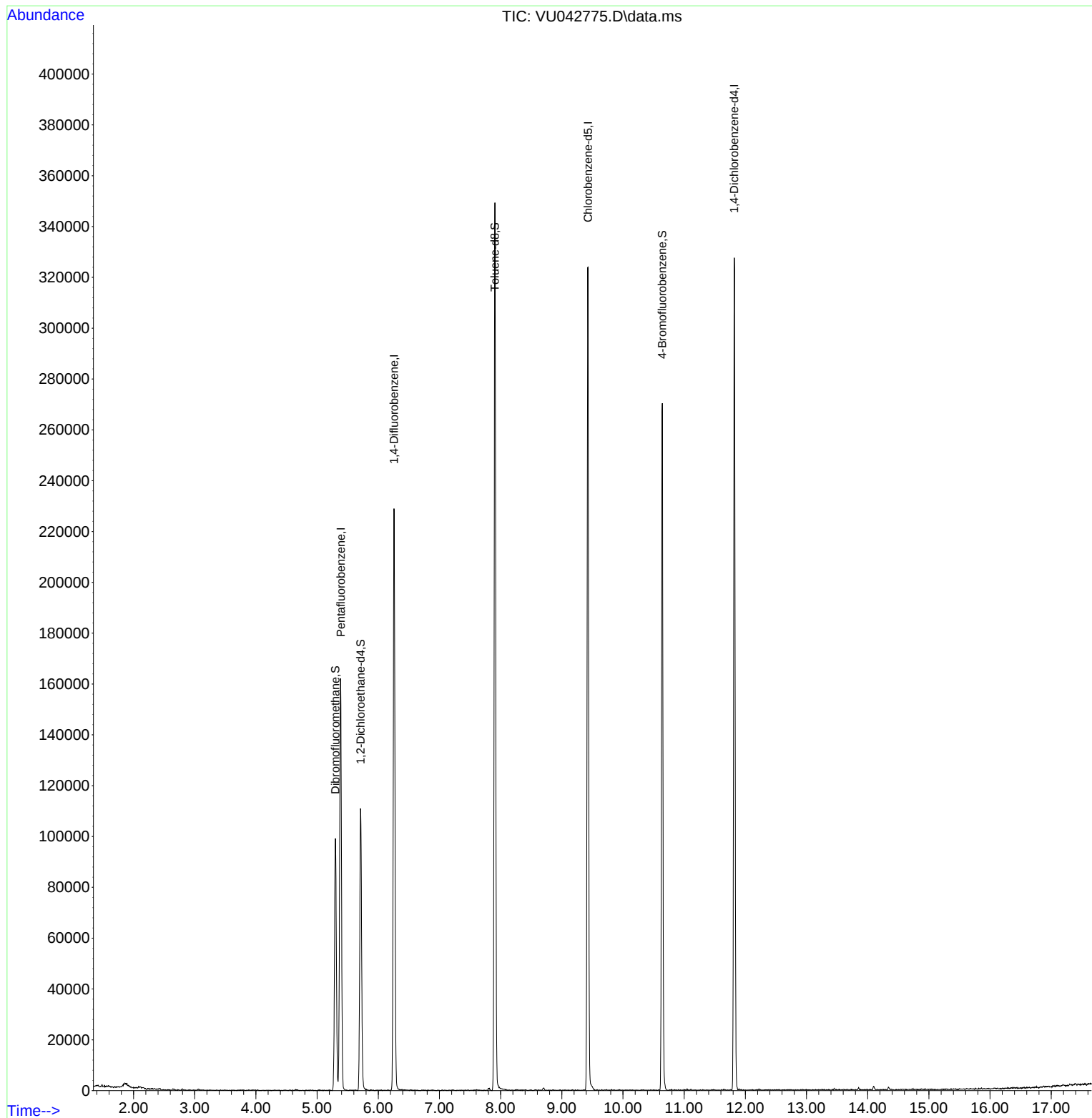
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

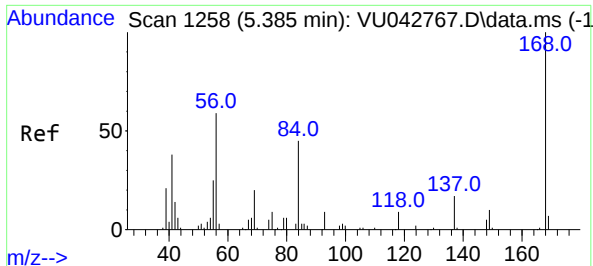
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VU0325WBL01  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0325WBL01

Quant Time: Mar 26 02:03:26 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

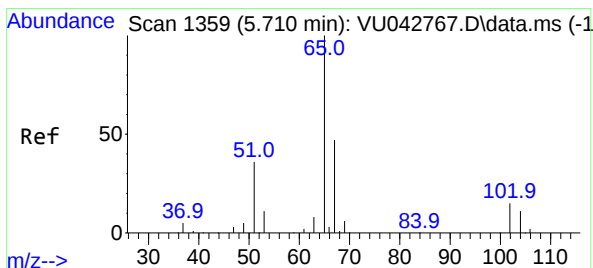
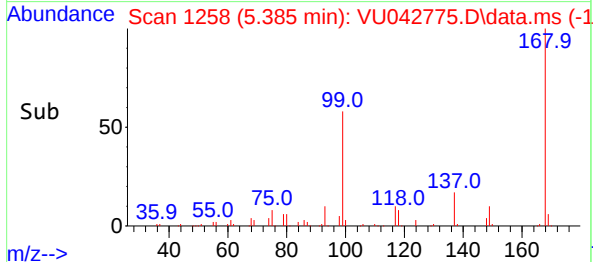
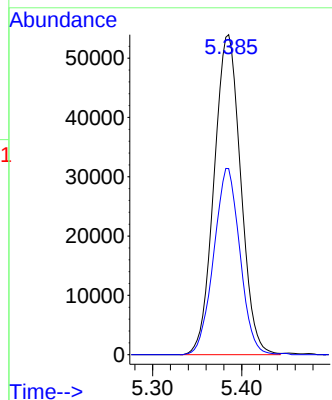
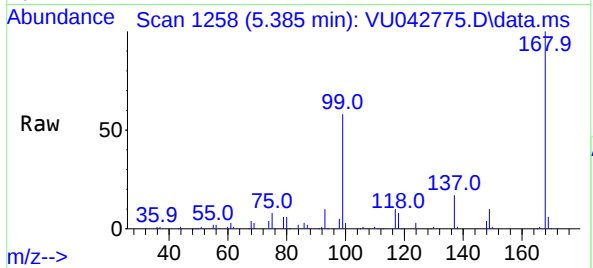




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.385 min Scan# 1258  
Delta R.T. 0.000 min  
Lab File: VU042775.D  
Acq: 25 Mar 2021 11:00

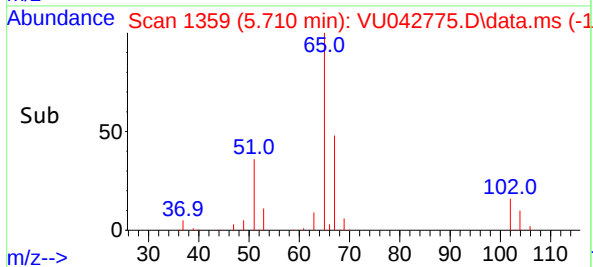
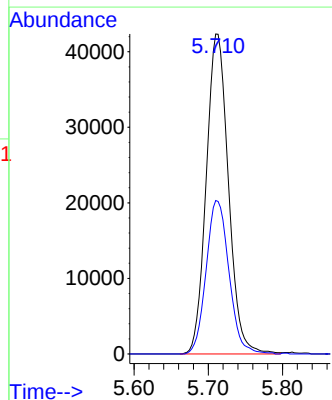
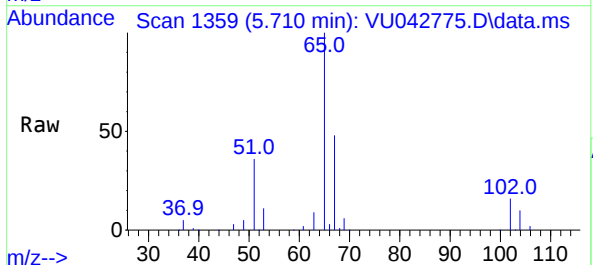
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0325WBL01

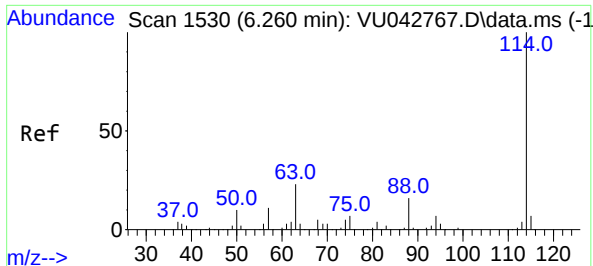
Tgt Ion:168 Resp: 112335  
Ion Ratio Lower Upper  
168 100  
99 58.2 46.4 69.6



#33  
1,2-Dichloroethane-d4  
Concen: 49.05 ug/l  
RT: 5.710 min Scan# 1359  
Delta R.T. 0.000 min  
Lab File: VU042775.D  
Acq: 25 Mar 2021 11:00

Tgt Ion: 65 Resp: 87844  
Ion Ratio Lower Upper  
65 100  
67 49.4 0.0 98.8



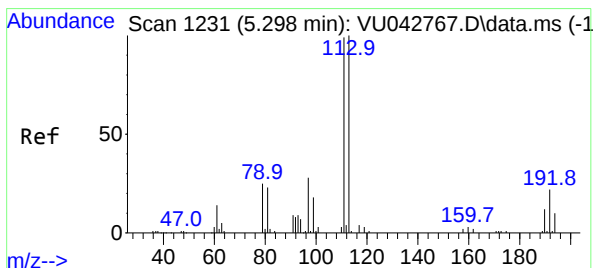
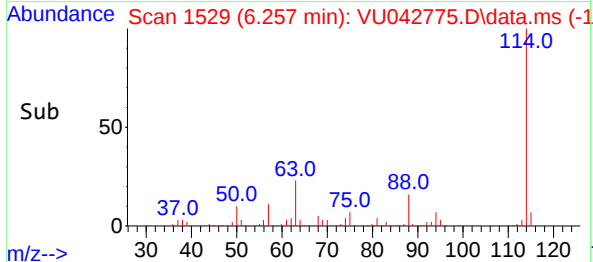
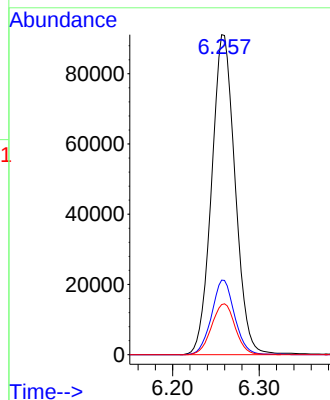
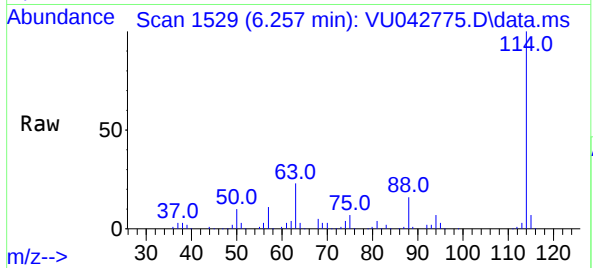


#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.257 min Scan# 1529  
Delta R.T. -0.003 min  
Lab File: VU042775.D  
Acq: 25 Mar 2021 11:00

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0325WBL01

Tgt Ion:114 Resp: 171515

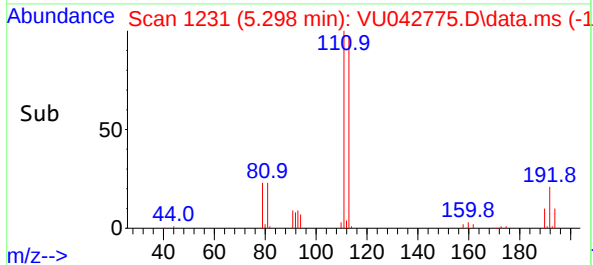
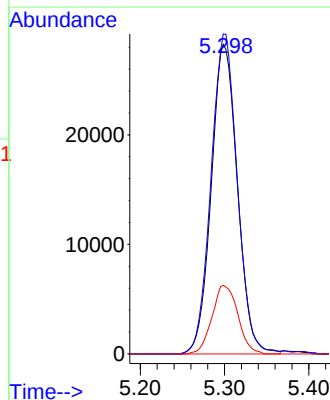
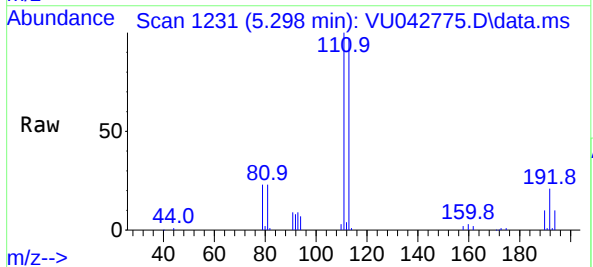
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 114 | 100   |       |       |
| 63  | 23.3  | 0.0   | 46.8  |
| 88  | 15.7  | 0.0   | 32.2  |

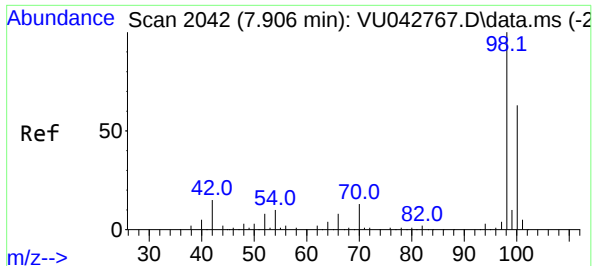


#35  
Dibromofluoromethane  
Concen: 47.56 ug/l  
RT: 5.298 min Scan# 1231  
Delta R.T. 0.000 min  
Lab File: VU042775.D  
Acq: 25 Mar 2021 11:00

Tgt Ion:113 Resp: 60879

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 103.8 | 82.1  | 123.1 |
| 192 | 21.8  | 17.6  | 26.4  |

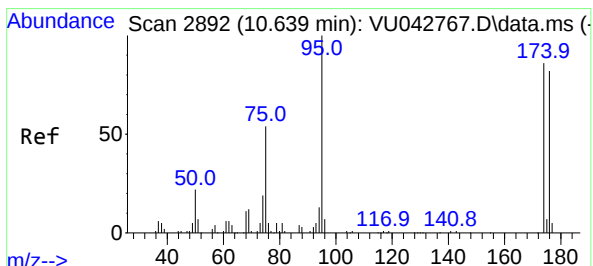
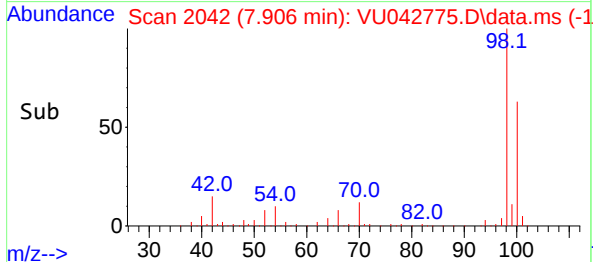
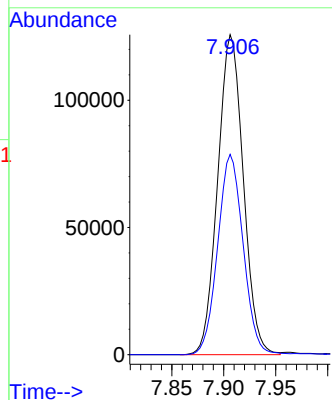
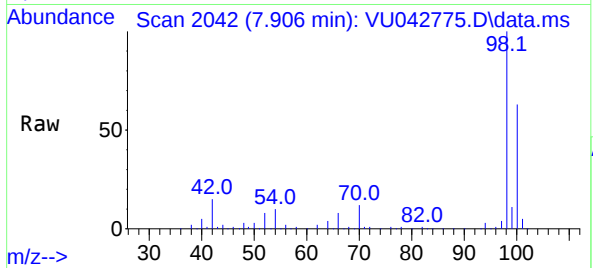




#50  
Toluene-d8  
Concen: 47.89 ug/l  
RT: 7.906 min Scan# 2042  
Delta R.T. 0.000 min  
Lab File: VU042775.D  
Acq: 25 Mar 2021 11:00

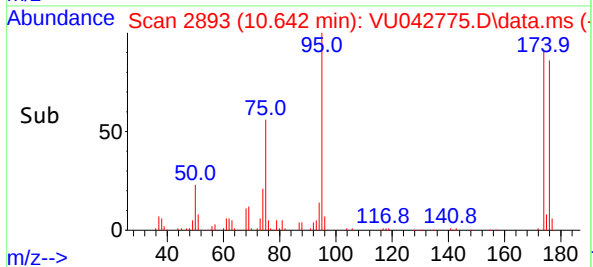
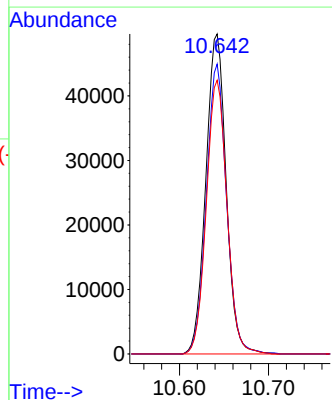
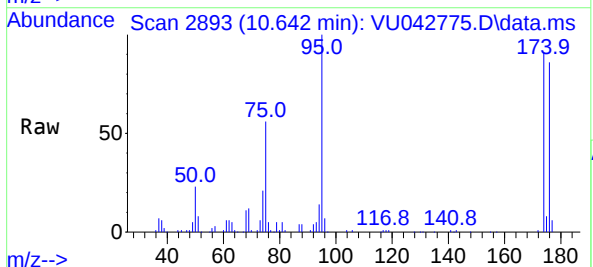
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0325WBL01

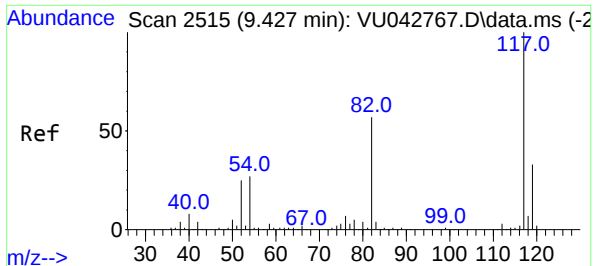
Tgt Ion: 98 Resp: 215668  
Ion Ratio Lower Upper  
98 100  
100 62.3 50.4 75.6



#62  
4-Bromofluorobenzene  
Concen: 44.86 ug/l  
RT: 10.642 min Scan# 2893  
Delta R.T. 0.003 min  
Lab File: VU042775.D  
Acq: 25 Mar 2021 11:00

Tgt Ion: 95 Resp: 78497  
Ion Ratio Lower Upper  
95 100  
174 90.2 0.0 175.2  
176 86.8 0.0 167.4

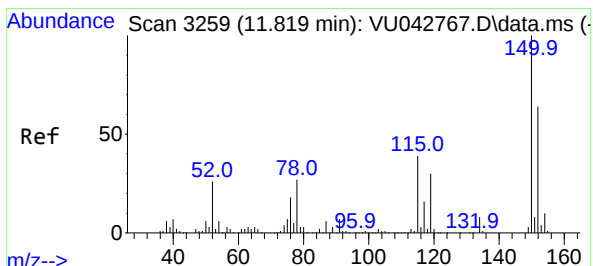
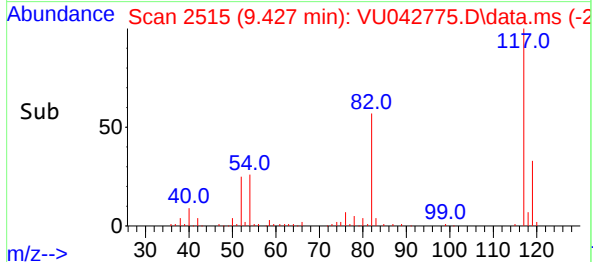
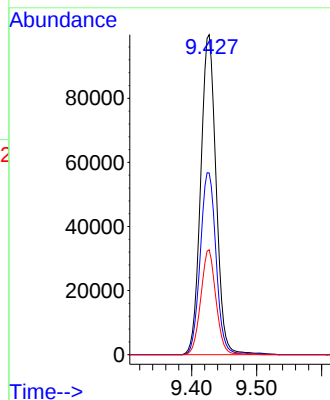
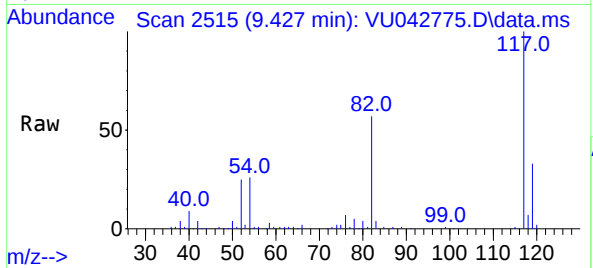




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.427 min Scan# 2515  
Delta R.T. 0.000 min  
Lab File: VU042775.D  
Acq: 25 Mar 2021 11:00

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0325WBL01

Tgt Ion:117 Resp: 165426  
Ion Ratio Lower Upper  
117 100  
82 56.8 45.5 68.3  
119 32.8 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: VU042775.D  
Acq: 25 Mar 2021 11:00

Tgt Ion:152 Resp: 82262  
Ion Ratio Lower Upper  
152 100  
115 57.8 41.0 123.0  
150 155.7 0.0 341.0

