

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061621\  
 Data File : VX022712.D  
 Acq On : 16 Jun 2021 10:38  
 Operator : JC/MD  
 Sample : VX0616MBL01  
 Misc : 5.0g/10.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0616MBL01

Quant Time: Jun 17 02:20:25 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061021W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 10 12:20:00 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.562  | 168   | 46376    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 109578   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 115416   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 46621    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 44332    | 53.152   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 106.300% |          |
| 35) Dibromofluoromethane    | 5.397  | 113   | 34788    | 49.759   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 99.520%  |          |
| 50) Toluene-d8              | 8.653  | 98    | 143040   | 51.901   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 103.800% |          |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 56649    | 54.348   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 108.700% |          |

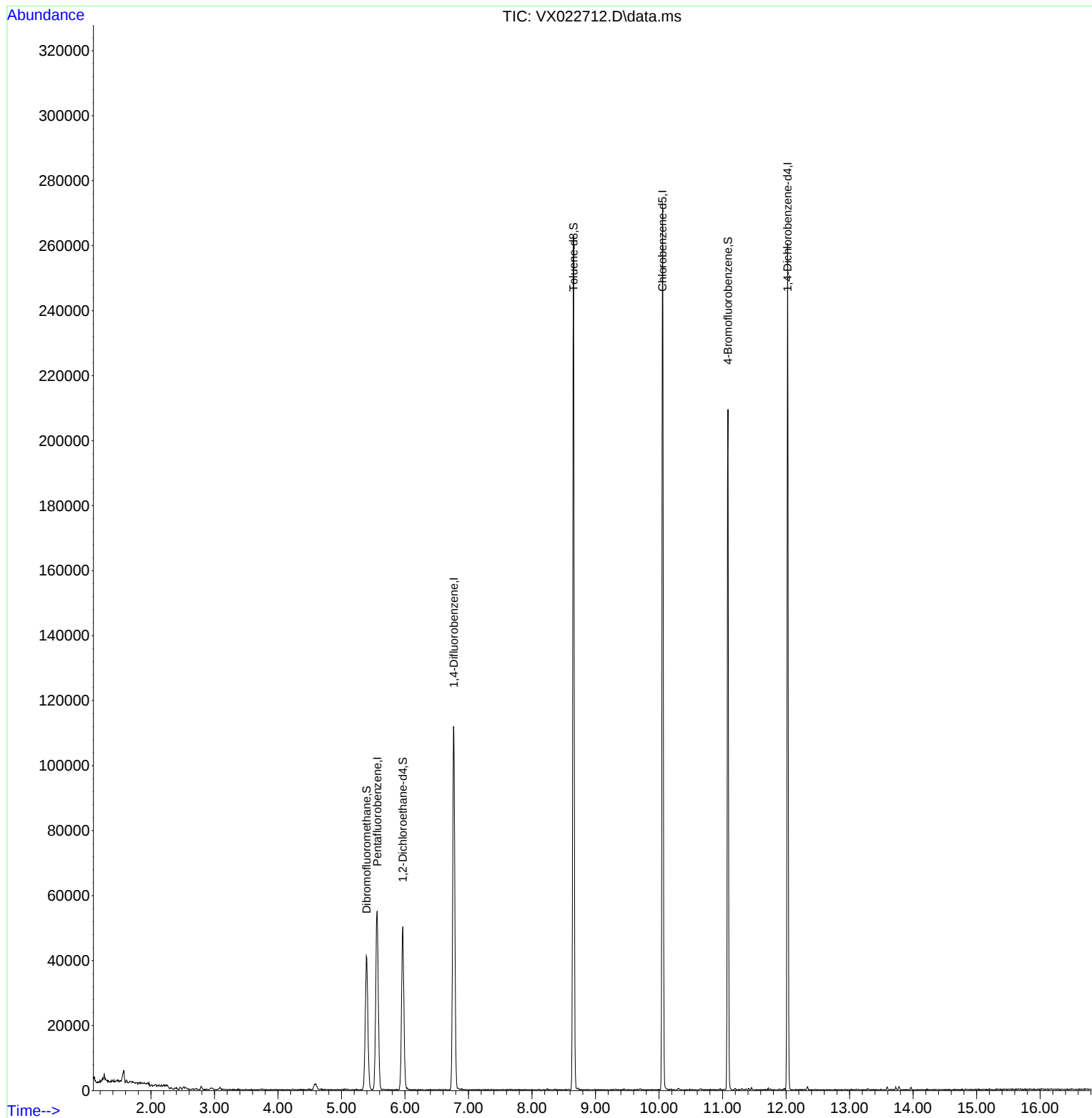
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

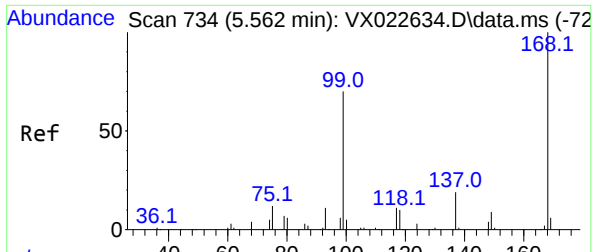
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VX0616MBL01  
Misc : 5.0g/10.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0616MBL01

Quant Time: Jun 17 02:20:25 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061021W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 10 12:20:00 2021  
Response via : Initial Calibration

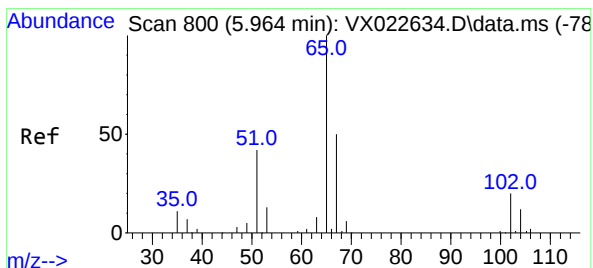
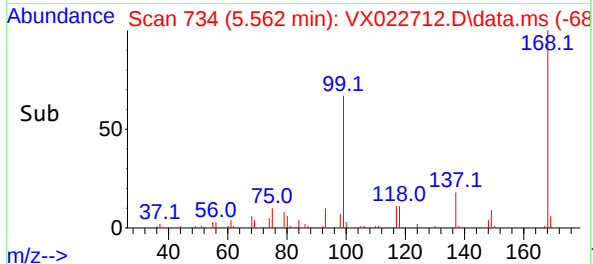
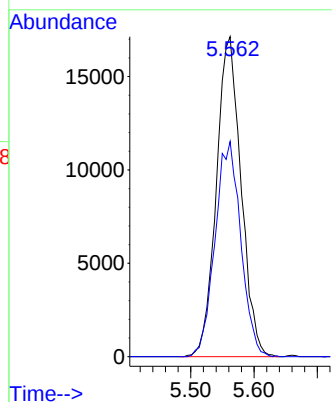
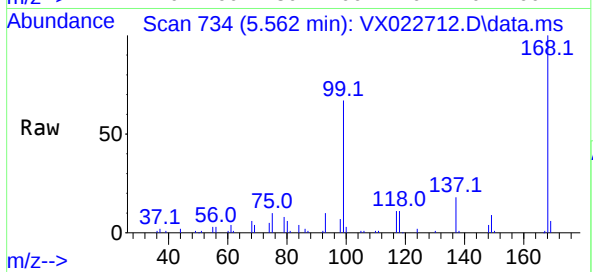




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.000 min  
Lab File: VX022712.D  
Acq: 16 Jun 2021 10:38

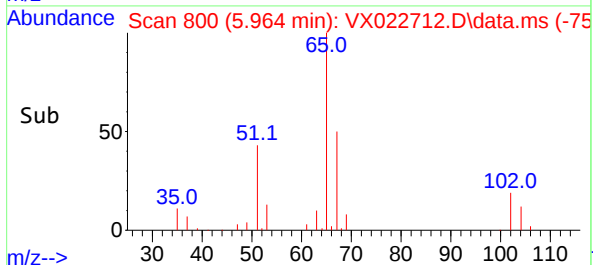
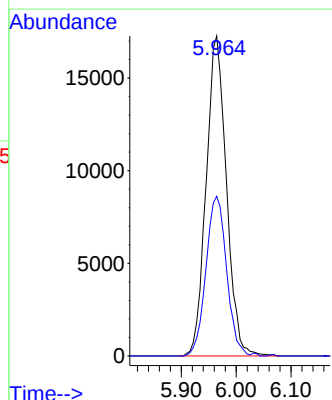
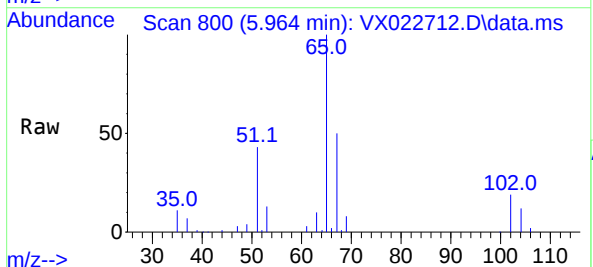
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0616MBL01

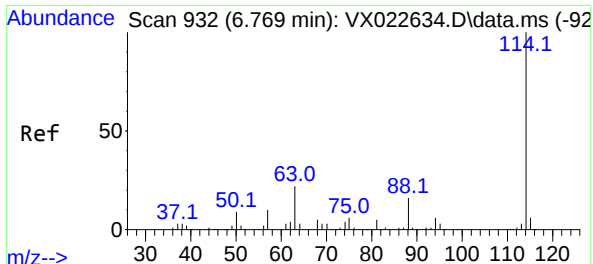
Tgt Ion:168 Resp: 46376  
Ion Ratio Lower Upper  
168 100  
99 67.3 45.8 68.6



#33  
1,2-Dichloroethane-d4  
Concen: 53.152 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX022712.D  
Acq: 16 Jun 2021 10:38

Tgt Ion: 65 Resp: 44332  
Ion Ratio Lower Upper  
65 100  
67 50.8 0.0 105.4

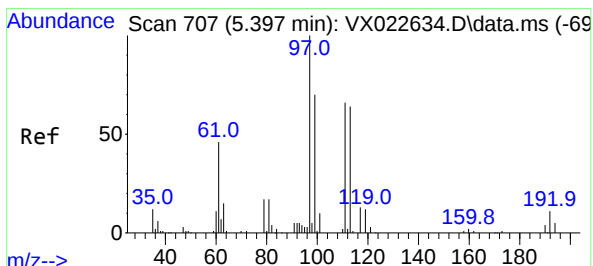
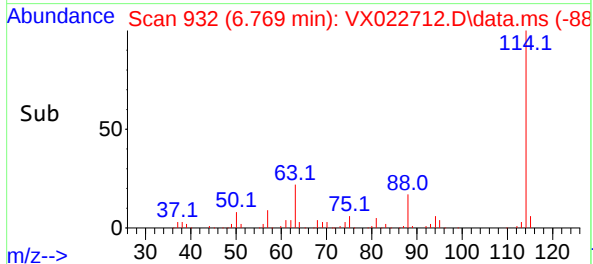
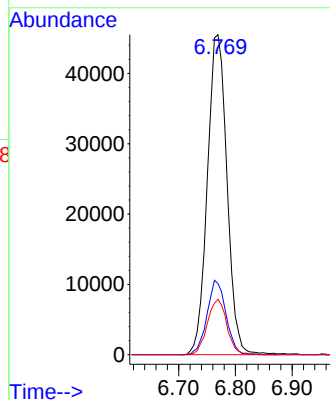
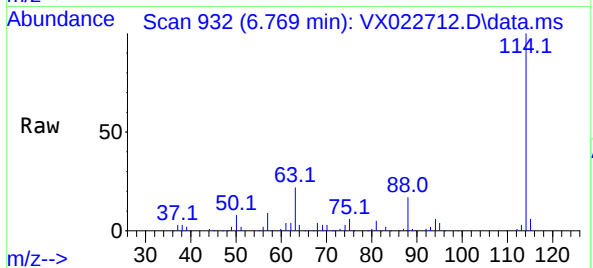




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX022712.D  
Acq: 16 Jun 2021 10:38

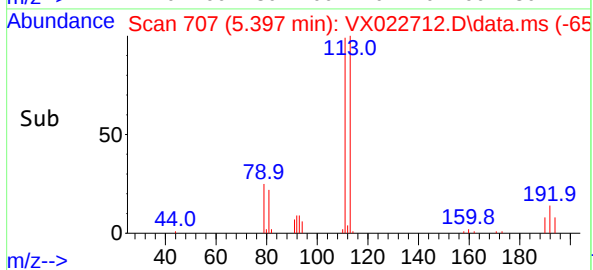
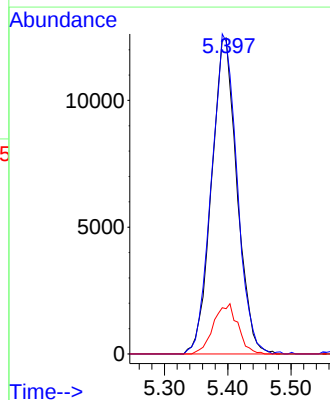
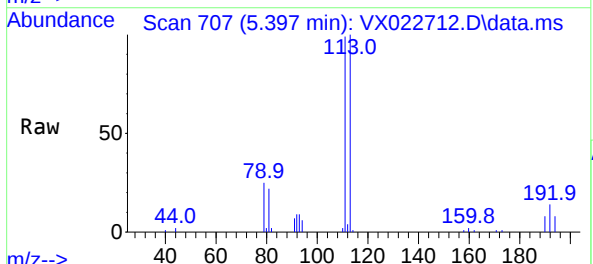
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0616MBL01

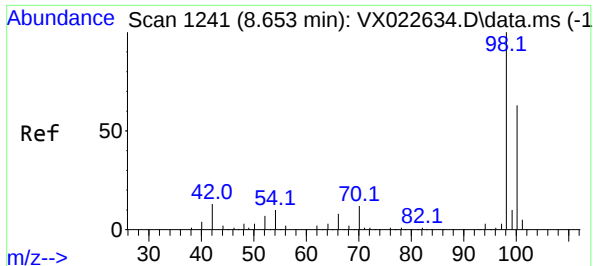
Tgt Ion:114 Resp: 109578  
Ion Ratio Lower Upper  
114 100  
63 22.3 0.0 40.8  
88 17.3 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 49.759 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.006 min  
Lab File: VX022712.D  
Acq: 16 Jun 2021 10:38

Tgt Ion:113 Resp: 34788  
Ion Ratio Lower Upper  
113 100  
111 101.7 81.9 122.9  
192 15.3 16.7 25.1#

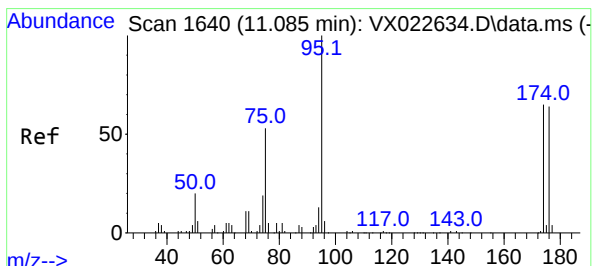
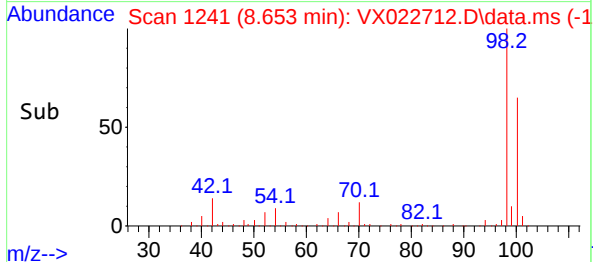
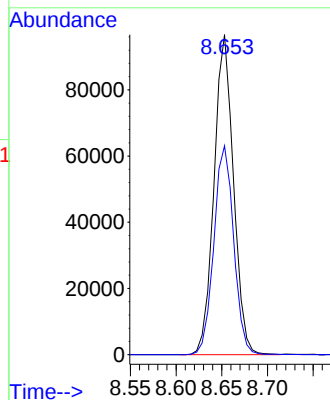
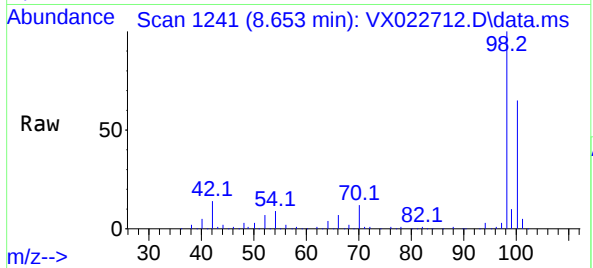




#50  
Toluene-d8  
Concen: 51.901 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX022712.D  
Acq: 16 Jun 2021 10:38

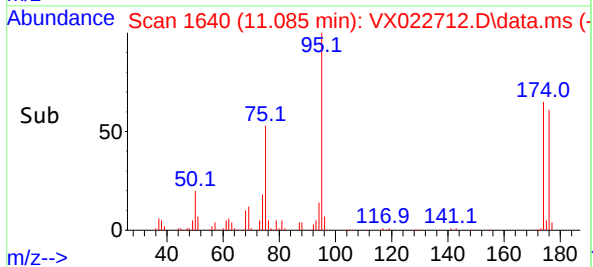
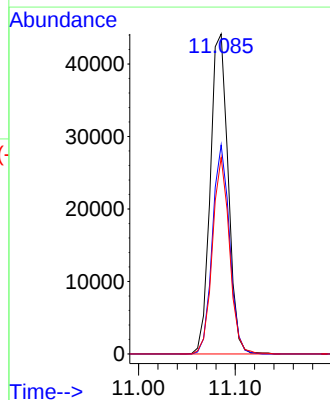
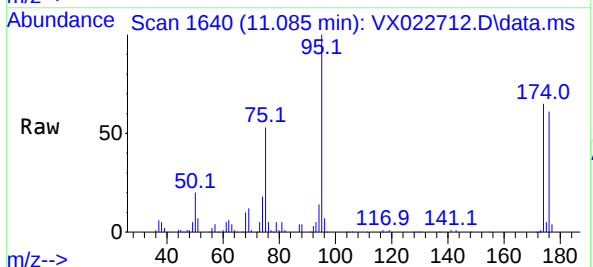
Instrument :  
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VX0616MBL01

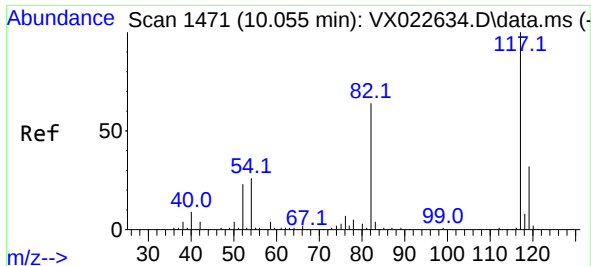
Tgt Ion: 98 Resp: 143040  
Ion Ratio Lower Upper  
98 100  
100 66.5 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 54.348 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022712.D  
Acq: 16 Jun 2021 10:38

Tgt Ion: 95 Resp: 56649  
Ion Ratio Lower Upper  
95 100  
174 62.7 0.0 154.6  
176 58.5 0.0 155.8

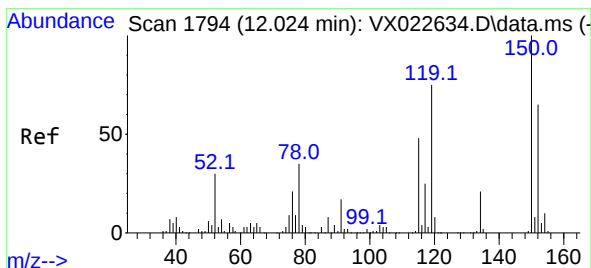
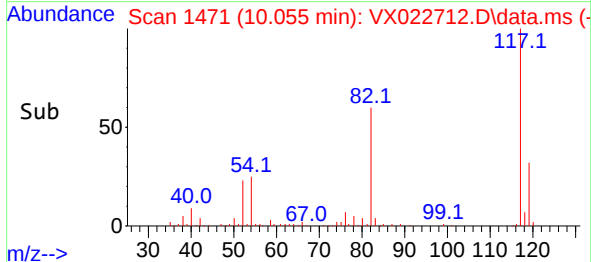
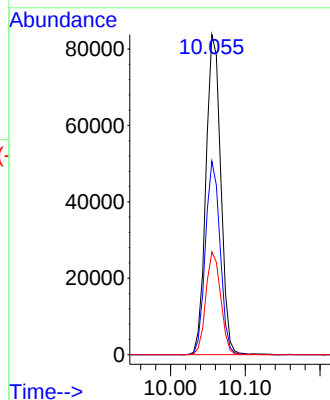
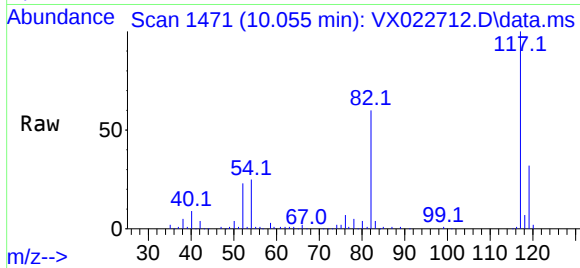




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX022712.D  
Acq: 16 Jun 2021 10:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0616MBL01

Tgt Ion:117 Resp: 115416  
Ion Ratio Lower Upper  
117 100  
82 60.5 47.4 71.2  
119 32.1 26.6 39.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX022712.D  
Acq: 16 Jun 2021 10:38

Tgt Ion:152 Resp: 46621  
Ion Ratio Lower Upper  
152 100  
115 66.3 41.1 123.3  
150 154.7 0.0 349.0

