

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061521\  
 Data File : VX022701.D  
 Acq On : 15 Jun 2021 16:00  
 Operator : JC/MD  
 Sample : VX0615WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0615WBL01

Quant Time: Jun 16 05:26:14 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   | 59533    | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 119866   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 104018   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 39526    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 48337    | 45.146   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 90.300%  |
| 35) Dibromofluoromethane    | 5.397  | 113   | 35979    | 47.045   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 94.100%  |
| 50) Toluene-d8              | 8.653  | 98    | 145143   | 48.144   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 96.280%  |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 48819    | 42.816   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 85.640%  |

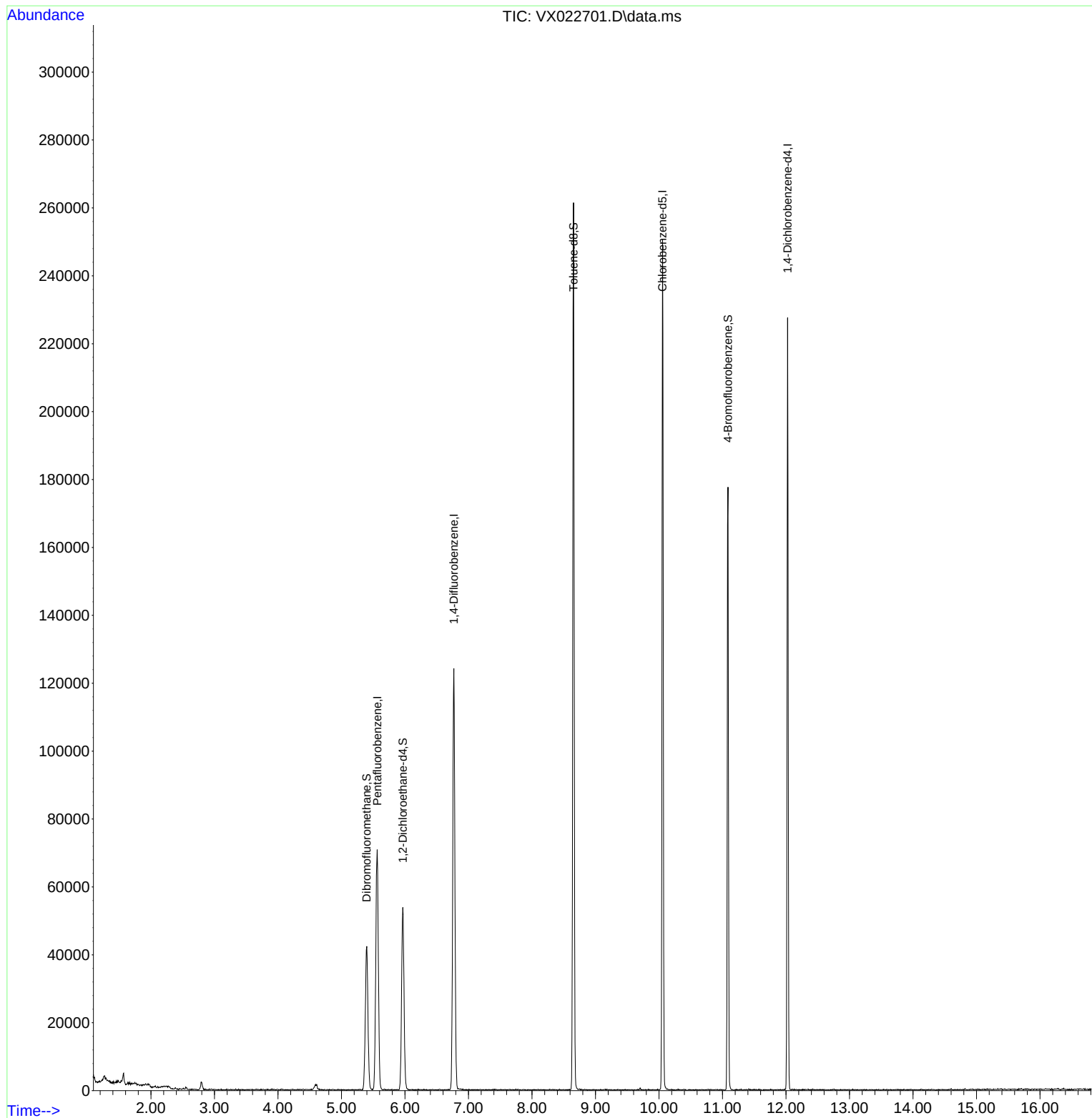
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

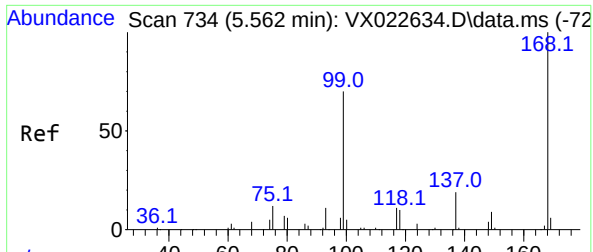
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0615WBL01

Quant Time: Jun 16 05:26:14 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

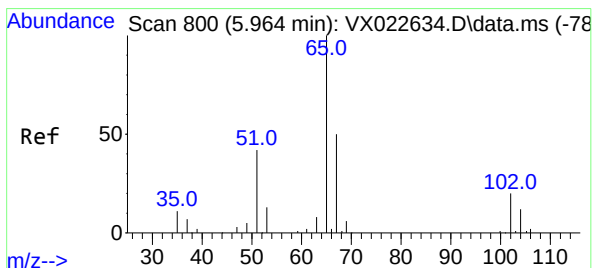
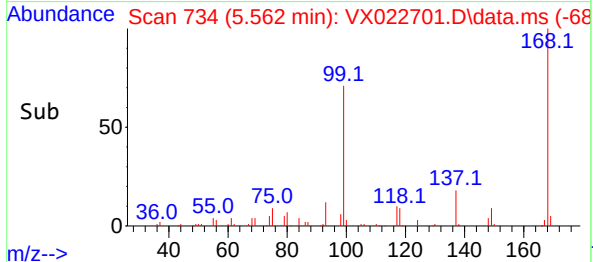
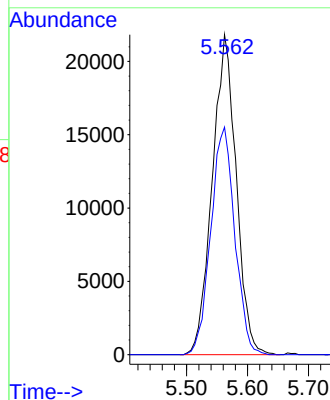
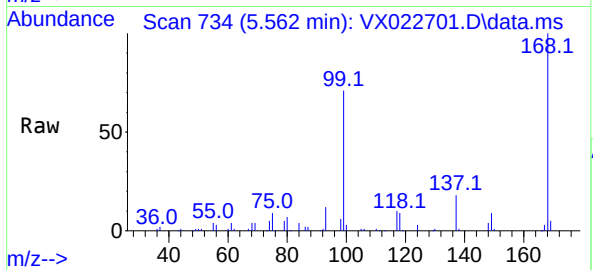




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.000 min  
Lab File: VX022701.D  
Acq: 15 Jun 2021 16:00

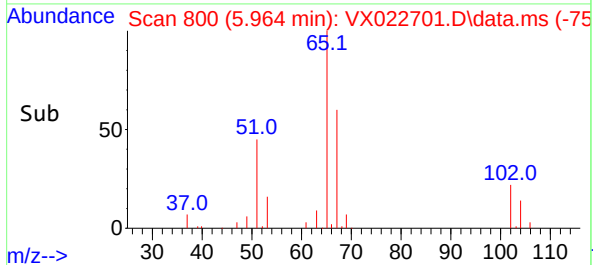
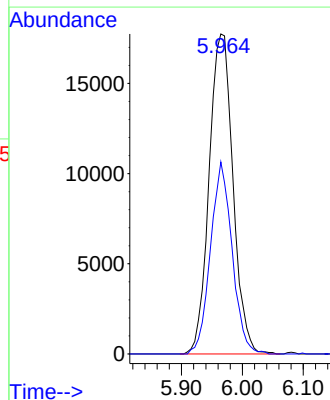
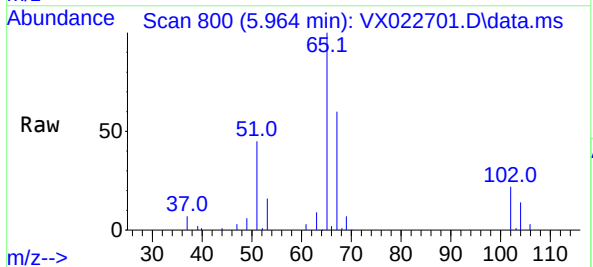
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0615WBL01

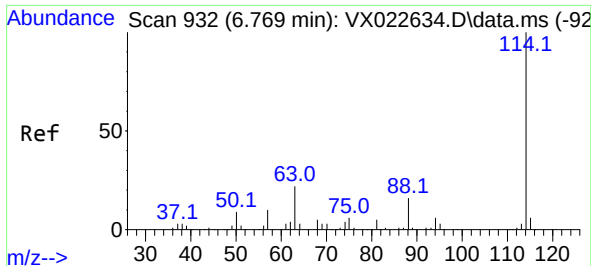
Tgt Ion:168 Resp: 59533  
Ion Ratio Lower Upper  
168 100  
99 71.1 45.8 68.6#



#33  
1,2-Dichloroethane-d4  
Concen: 45.146 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX022701.D  
Acq: 15 Jun 2021 16:00

Tgt Ion: 65 Resp: 48337  
Ion Ratio Lower Upper  
65 100  
67 54.4 0.0 105.4

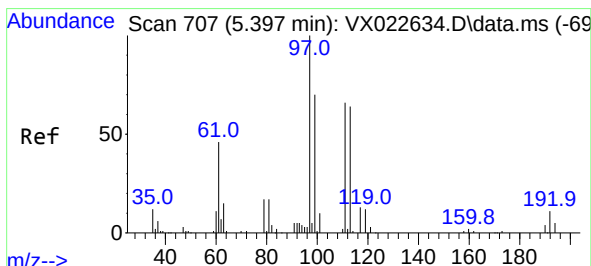
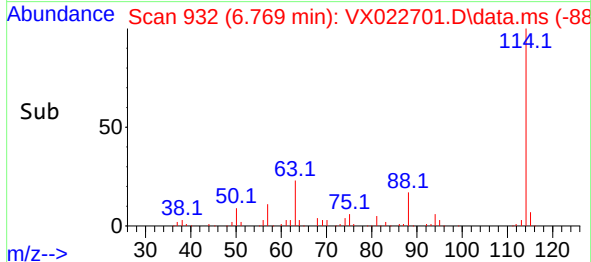
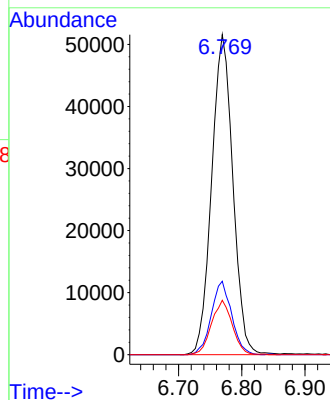
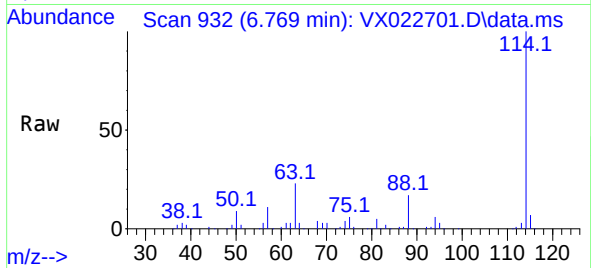




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX022701.D  
Acq: 15 Jun 2021 16:00

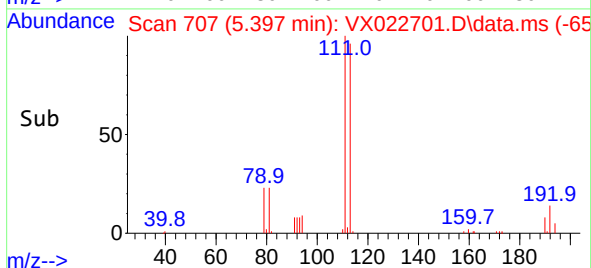
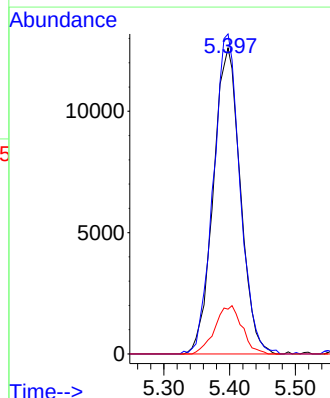
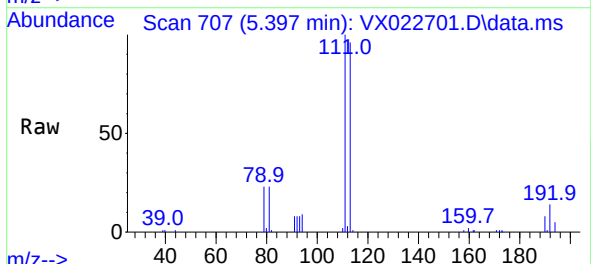
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0615WBL01

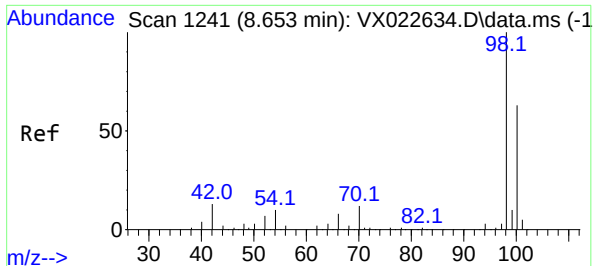
Tgt Ion:114 Resp: 119866  
Ion Ratio Lower Upper  
114 100  
63 22.9 0.0 40.8  
88 17.0 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 47.045 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.006 min  
Lab File: VX022701.D  
Acq: 15 Jun 2021 16:00

Tgt Ion:113 Resp: 35979  
Ion Ratio Lower Upper  
113 100  
111 103.1 81.9 122.9  
192 15.9 16.7 25.1#

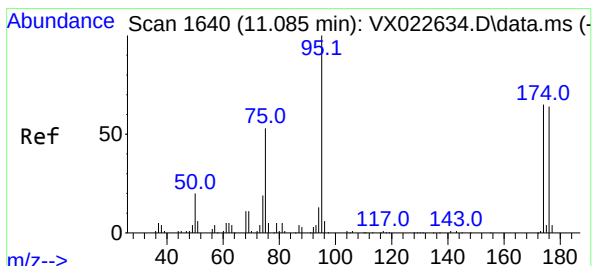
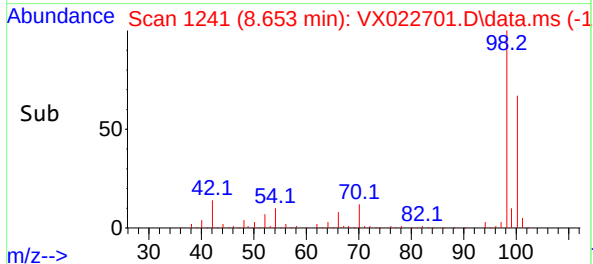
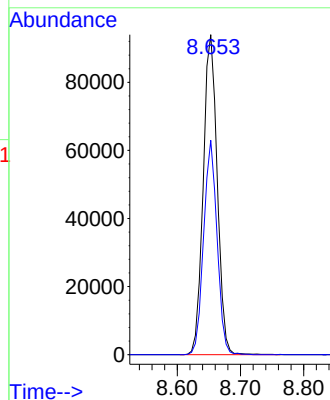
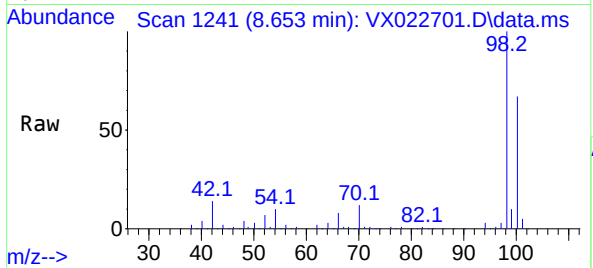




#50  
Toluene-d8  
Concen: 48.144 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX022701.D  
Acq: 15 Jun 2021 16:00

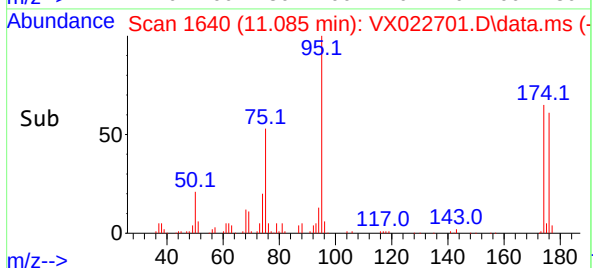
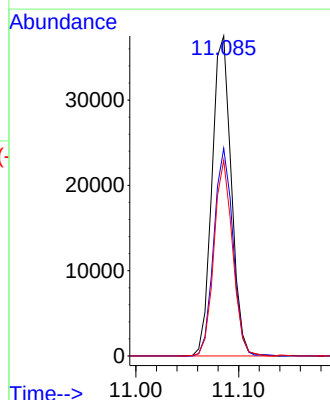
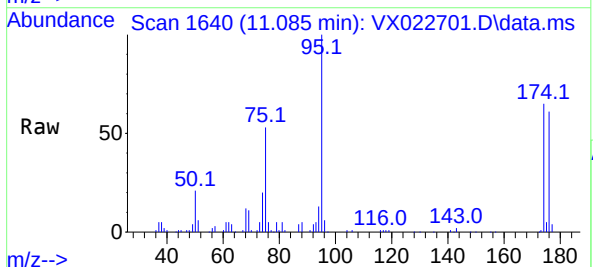
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0615WBL01

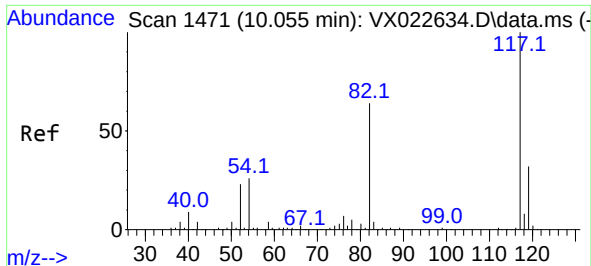
Tgt Ion: 98 Resp: 145143  
Ion Ratio Lower Upper  
98 100  
100 64.2 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 42.816 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022701.D  
Acq: 15 Jun 2021 16:00

Tgt Ion: 95 Resp: 48819  
Ion Ratio Lower Upper  
95 100  
174 64.1 0.0 154.6  
176 59.0 0.0 155.8

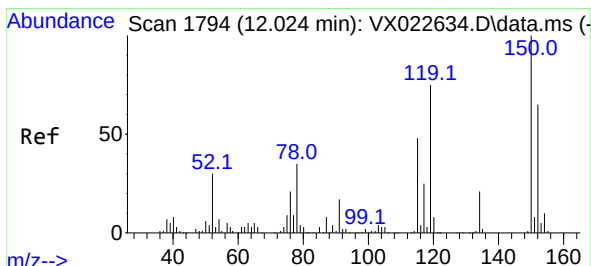
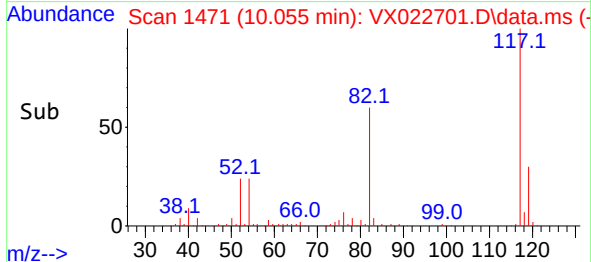
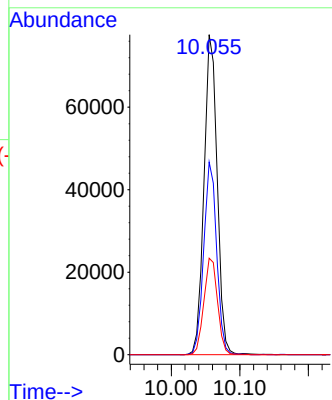
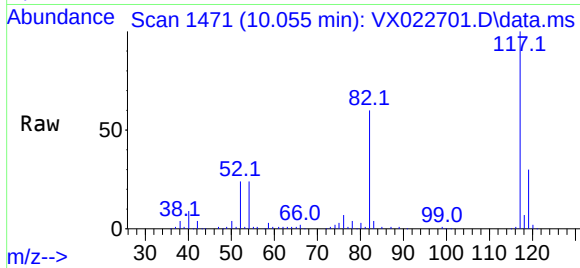




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX022701.D  
Acq: 15 Jun 2021 16:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0615WBL01

Tgt Ion:117 Resp: 104018  
Ion Ratio Lower Upper  
117 100  
82 60.2 47.4 71.2  
119 30.1 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: VX022701.D  
Acq: 15 Jun 2021 16:00

Tgt Ion:152 Resp: 39526  
Ion Ratio Lower Upper  
152 100  
115 70.5 41.1 123.3  
150 161.3 0.0 349.0

