

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101121\  
 Data File : VX024711.D  
 Acq On : 11 Oct 2021 13:56  
 Operator : JC/MD  
 Sample : VX1011MBL01  
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1011MBL01

Quant Time: Oct 11 17:12:17 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092321W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 23 18:24:34 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 140886   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 243382   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 238067   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 104269   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 105934   | 53.351   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 106.700% |          |
| 35) Dibromofluoromethane    | 5.391  | 113   | 82931    | 51.292   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 102.580% |          |
| 50) Toluene-d8              | 8.653  | 98    | 301860   | 50.725   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 101.460% |          |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 117942   | 50.408   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 100.820% |          |

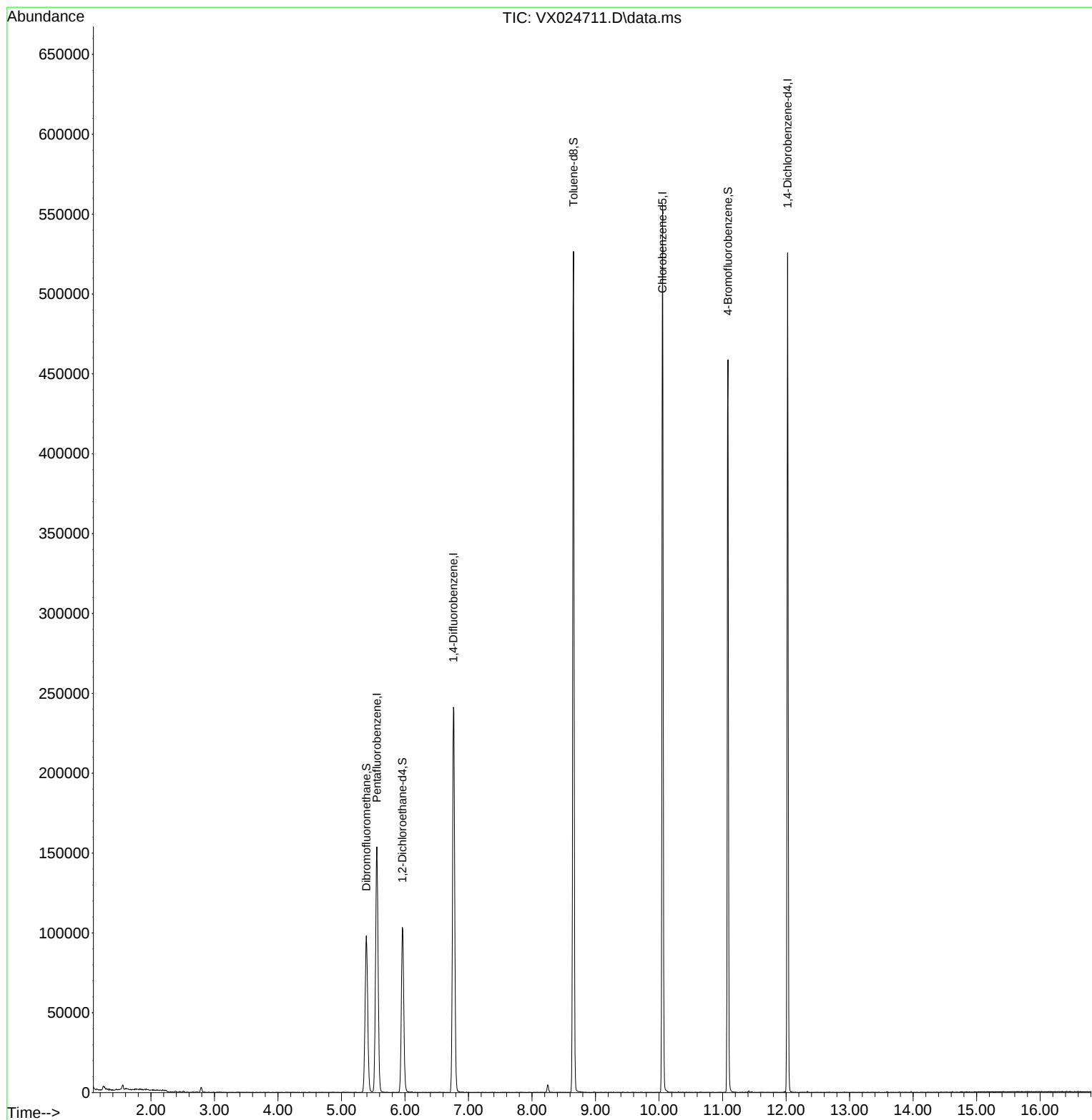
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

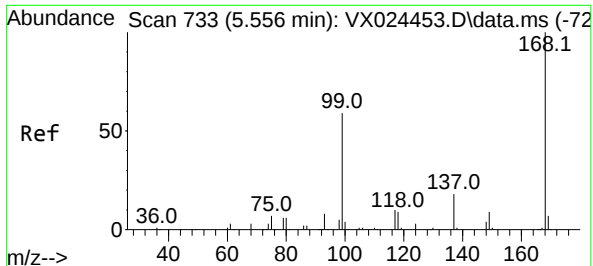
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1011MBL01

Quant Time: Oct 11 17:12:17 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092321W.M  
Quant Title : SW846 8260  
QLast Update : Thu Sep 23 18:24:34 2021  
Response via : Initial Calibration

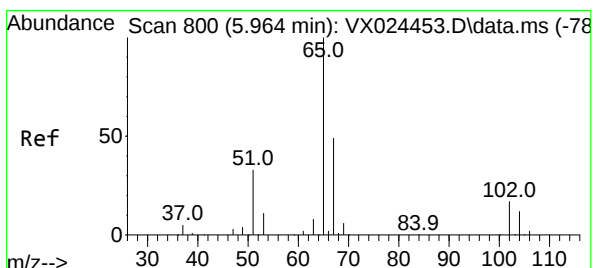
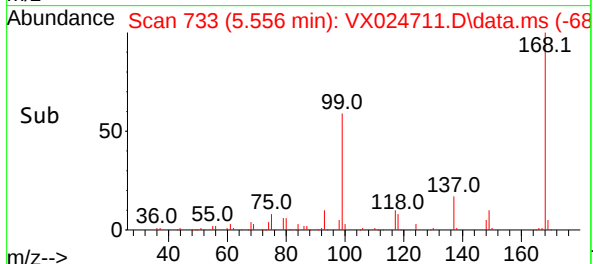
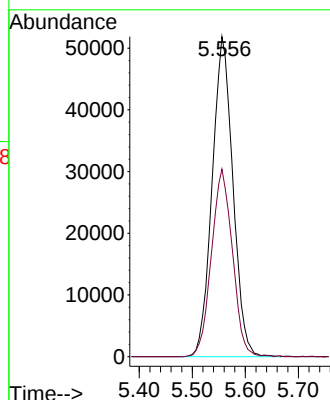
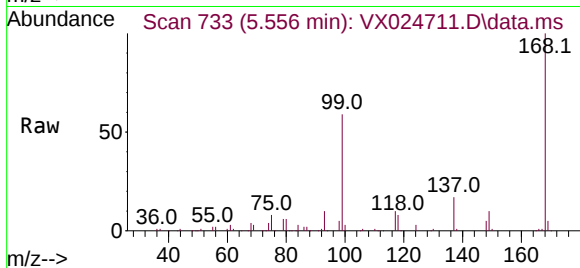




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.000 min  
Lab File: VX024711.D  
Acq: 11 Oct 2021 13:56

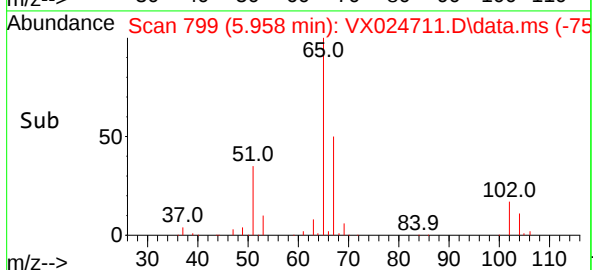
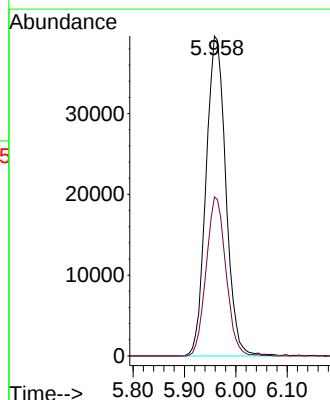
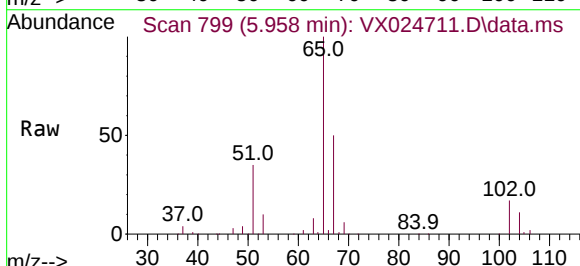
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1011MBL01

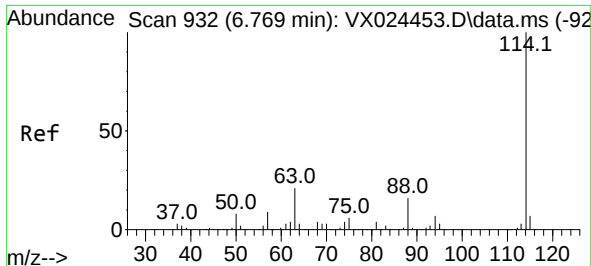
Tgt Ion:168 Resp: 140886  
Ion Ratio Lower Upper  
168 100  
99 58.6 45.8 68.6



#33  
1,2-Dichloroethane-d4  
Concen: 53.351 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: VX024711.D  
Acq: 11 Oct 2021 13:56

Tgt Ion: 65 Resp: 105934  
Ion Ratio Lower Upper  
65 100  
67 49.6 0.0 105.4

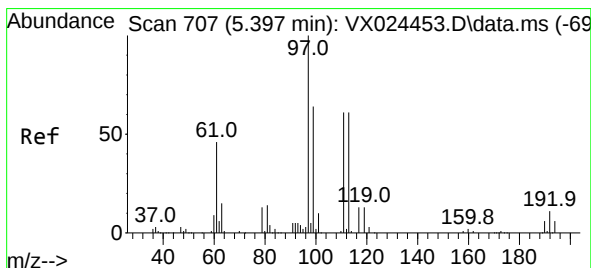
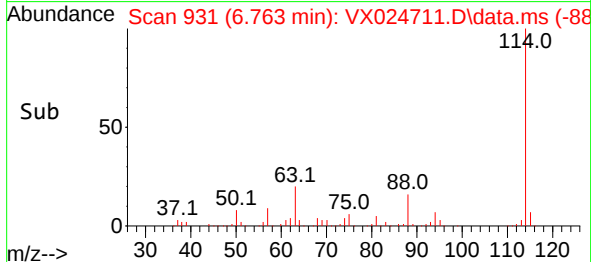
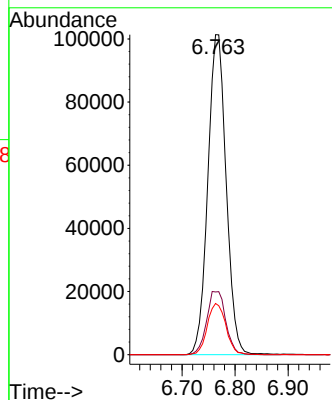
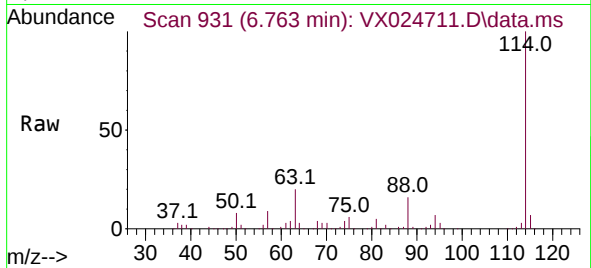




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 931  
Delta R.T. -0.006 min  
Lab File: VX024711.D  
Acq: 11 Oct 2021 13:56

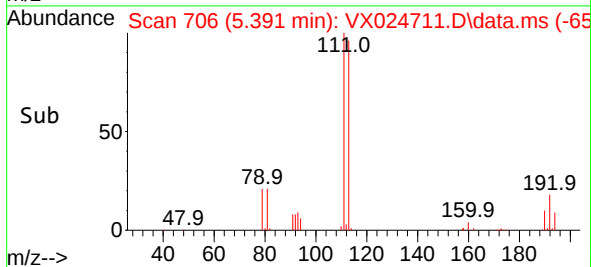
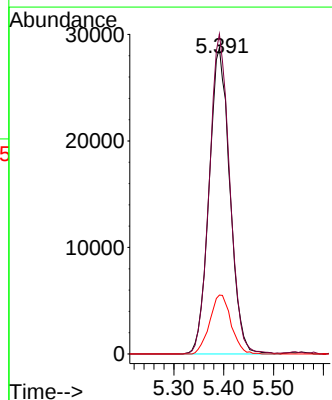
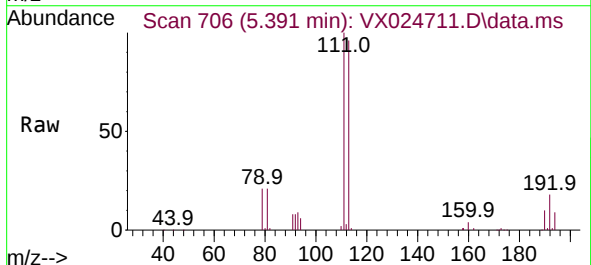
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1011MBL01

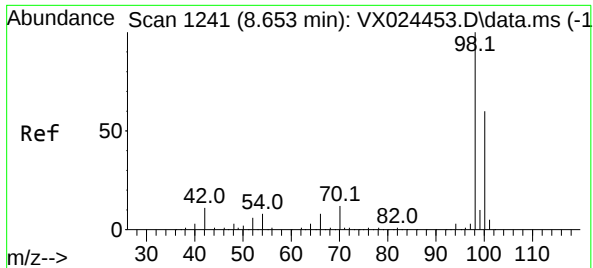
Tgt Ion:114 Resp: 243382  
Ion Ratio Lower Upper  
114 100  
63 19.6 0.0 40.8  
88 16.0 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 51.292 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. -0.006 min  
Lab File: VX024711.D  
Acq: 11 Oct 2021 13:56

Tgt Ion:113 Resp: 82931  
Ion Ratio Lower Upper  
113 100  
111 102.8 81.9 122.9  
192 19.8 16.7 25.1

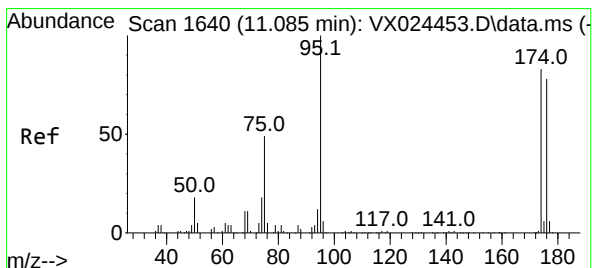
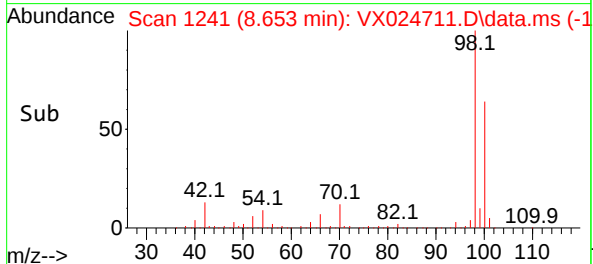
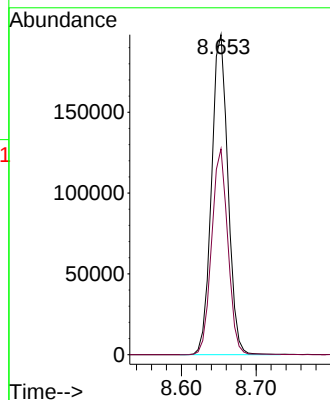
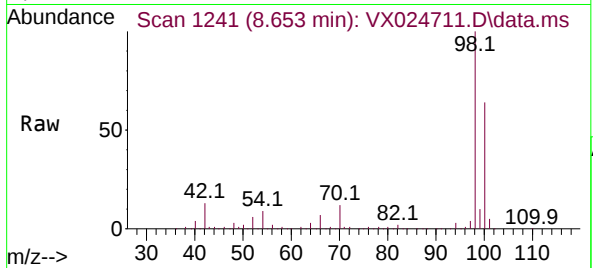




#50  
Toluene-d8  
Concen: 50.725 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX024711.D  
Acq: 11 Oct 2021 13:56

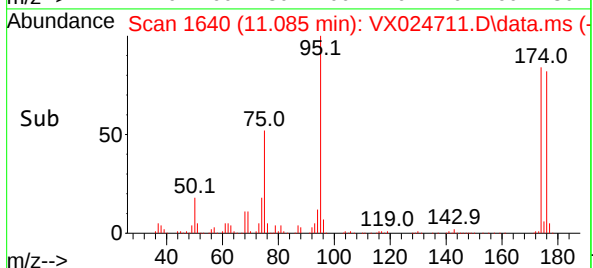
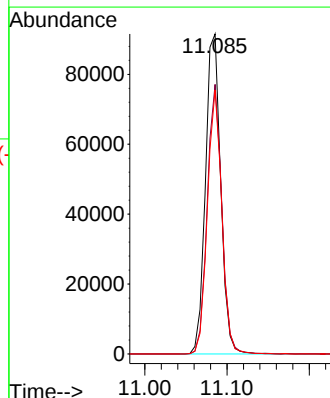
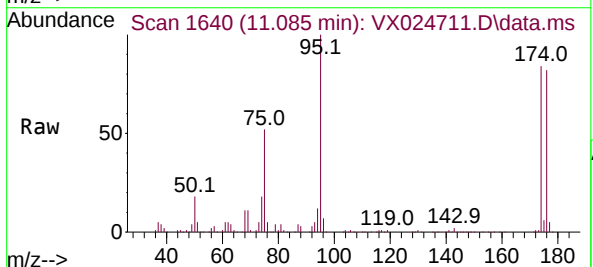
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1011MBL01

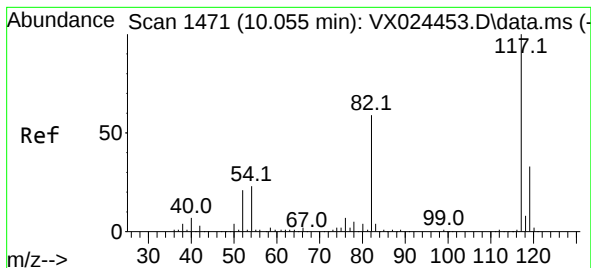
Tgt Ion: 98 Resp: 301860  
Ion Ratio Lower Upper  
98 100  
100 63.6 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 50.408 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX024711.D  
Acq: 11 Oct 2021 13:56

Tgt Ion: 95 Resp: 117942  
Ion Ratio Lower Upper  
95 100  
174 80.7 0.0 154.6  
176 78.0 0.0 155.8

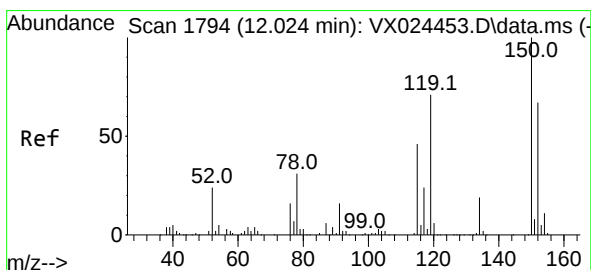
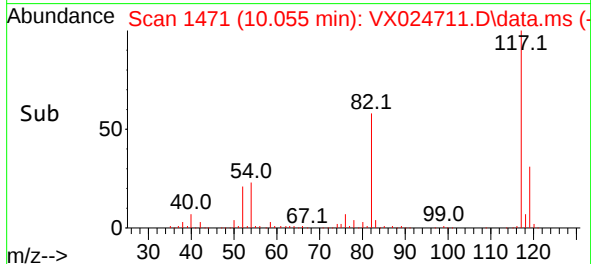
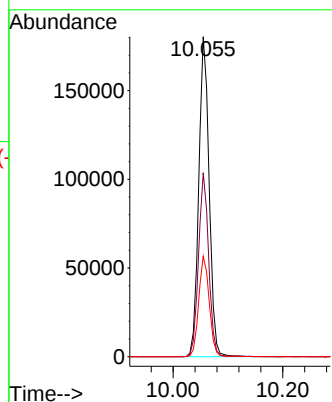
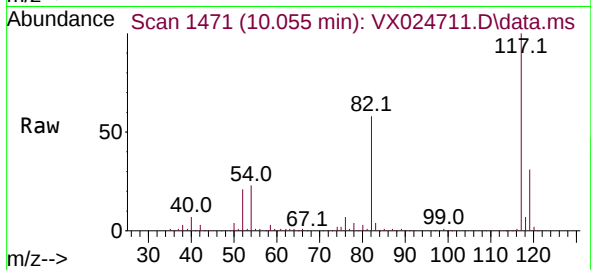




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX024711.D  
Acq: 11 Oct 2021 13:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1011MBL01

Tgt Ion:117 Resp: 238067  
Ion Ratio Lower Upper  
117 100  
82 57.5 47.4 71.2  
119 31.4 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: VX024711.D  
Acq: 11 Oct 2021 13:56

Tgt Ion:152 Resp: 104269  
Ion Ratio Lower Upper  
152 100  
115 59.6 41.1 123.3  
150 156.7 0.0 349.0

