

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062022\  
 Data File : VX029635.D  
 Acq On : 21 Jun 2022 03:03  
 Operator : JC/MD  
 Sample : VX0620WBL02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0620WBL02

Quant Time: Jun 21 03:32:17 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061822W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 20 01:31:01 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 274817   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 463603   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 396754   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 173297   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 156157   | 42.926   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 85.860% |
| 35) Dibromofluoromethane    | 5.391  | 113   | 137000   | 45.346   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 90.700% |
| 50) Toluene-d8              | 8.653  | 98    | 522367   | 47.328   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 94.660% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 185642   | 44.601   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 89.200% |

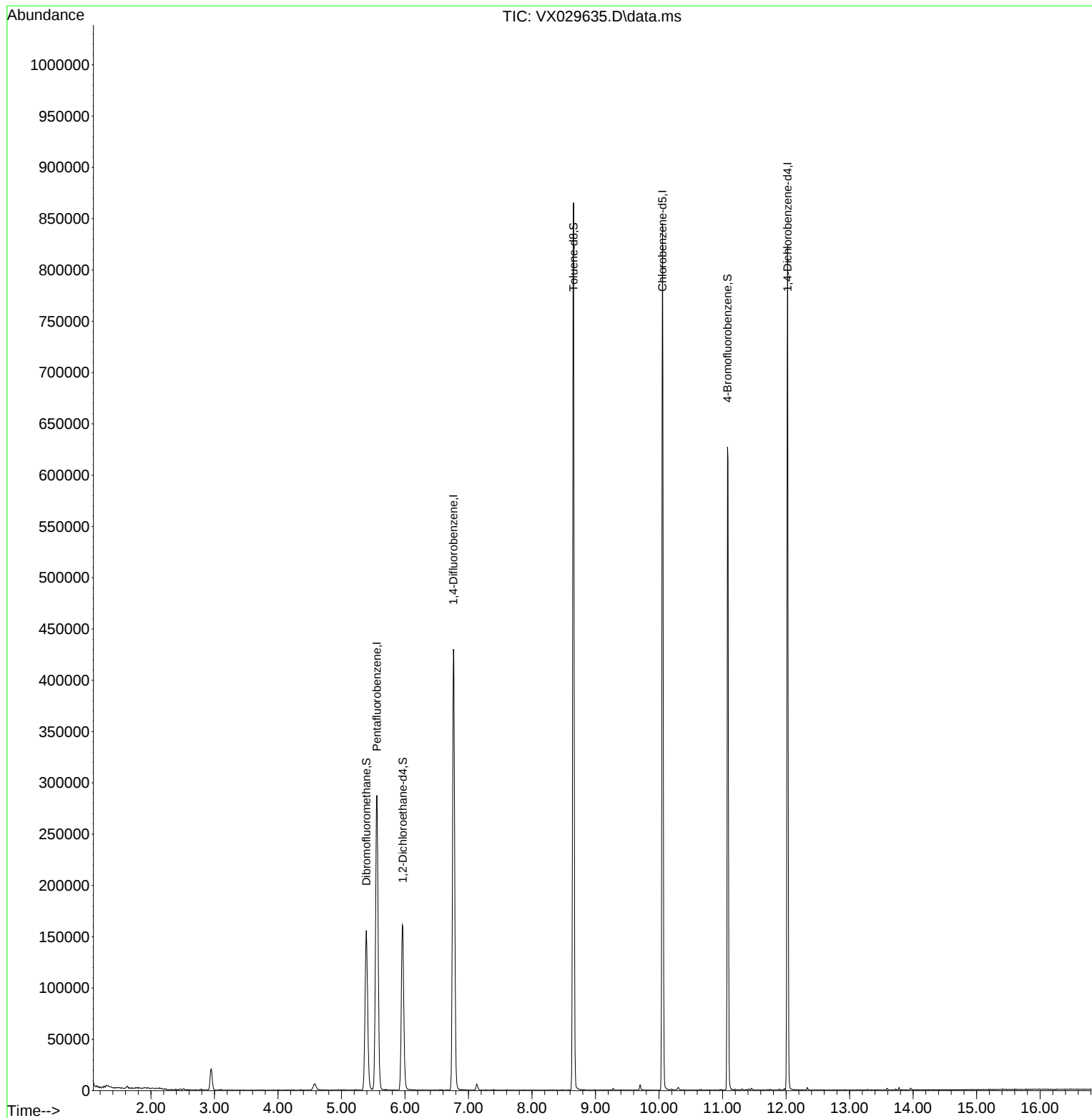
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

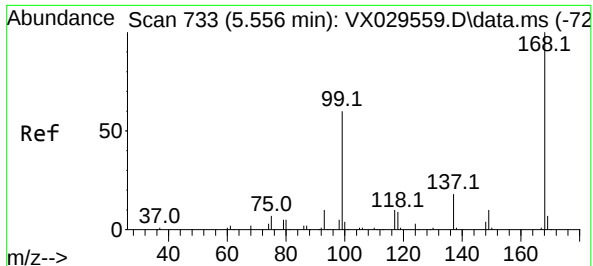
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061822W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jun 20 01:31:01 2022  
Response via : Initial Calibration

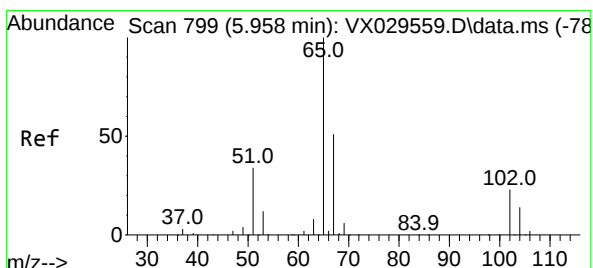
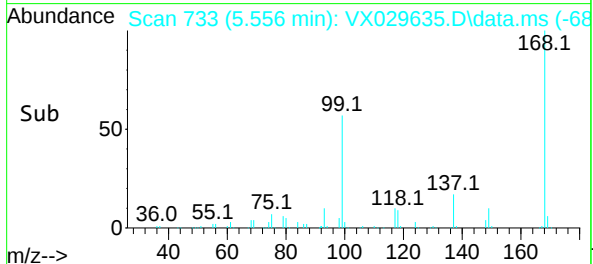
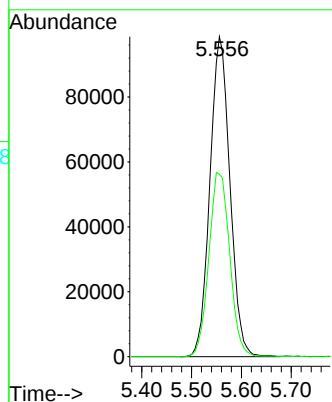
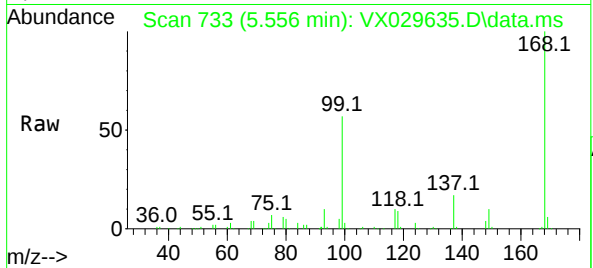




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX029635.D  
Acq: 21 Jun 2022 03:03

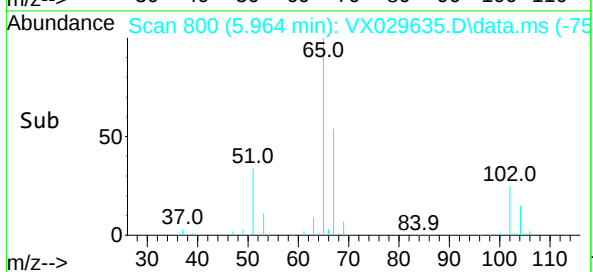
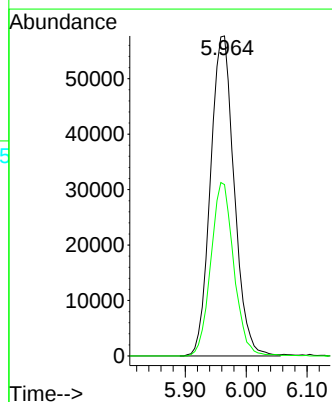
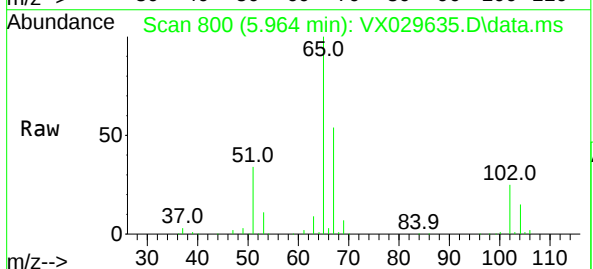
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0620WBL02

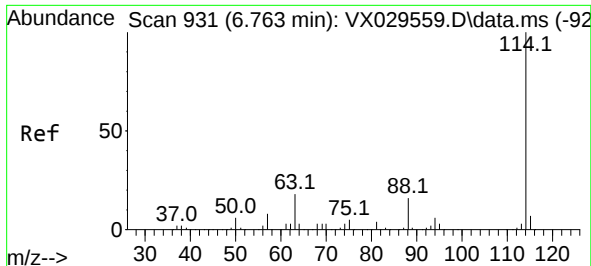
Tgt Ion:168 Resp: 274817  
Ion Ratio Lower Upper  
168 100  
99 57.1 41.7 62.5



#33  
1,2-Dichloroethane-d4  
Concen: 42.926 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.006 min  
Lab File: VX029635.D  
Acq: 21 Jun 2022 03:03

Tgt Ion: 65 Resp: 156157  
Ion Ratio Lower Upper  
65 100  
67 52.6 0.0 107.4

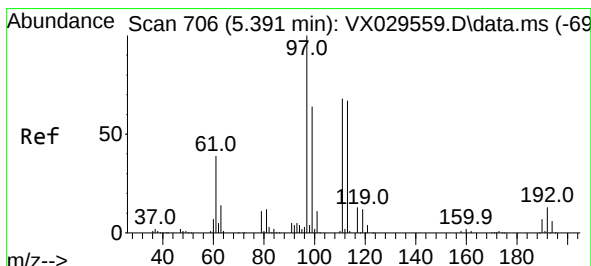
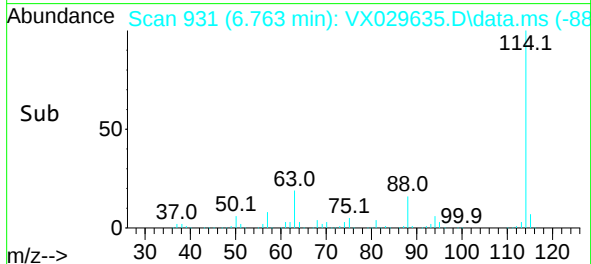
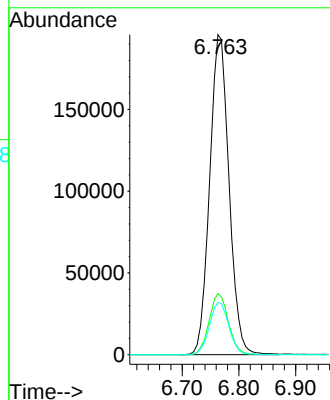
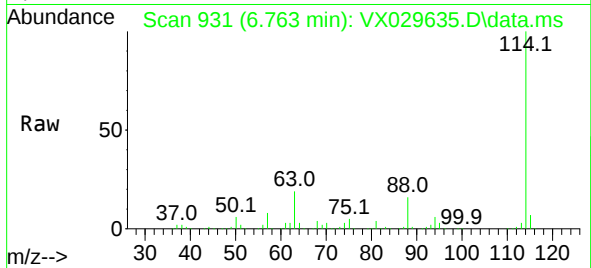




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX029635.D  
Acq: 21 Jun 2022 03:03

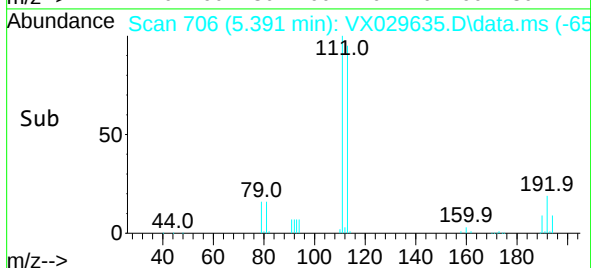
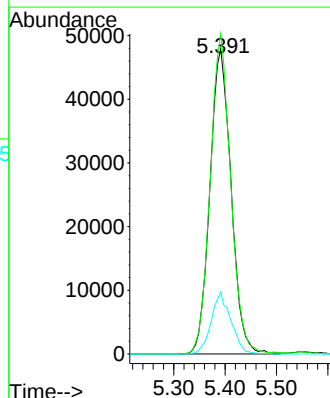
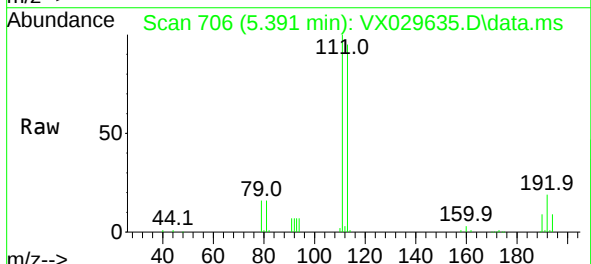
Instrument :  
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ClientSampleId :  
VX0620WBL02

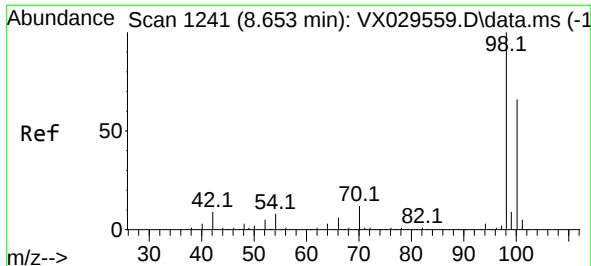
Tgt Ion:114 Resp: 463603  
Ion Ratio Lower Upper  
114 100  
63 19.1 0.0 36.8  
88 16.4 0.0 32.4



#35  
Dibromofluoromethane  
Concen: 45.346 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX029635.D  
Acq: 21 Jun 2022 03:03

Tgt Ion:113 Resp: 137000  
Ion Ratio Lower Upper  
113 100  
111 101.7 82.8 124.2  
192 18.8 16.9 25.3

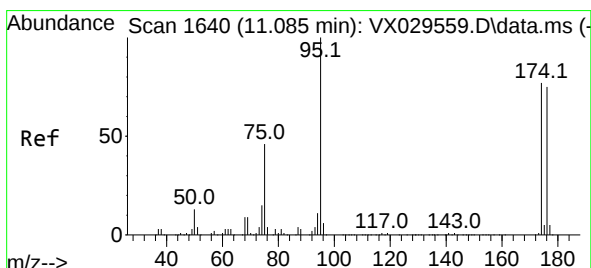
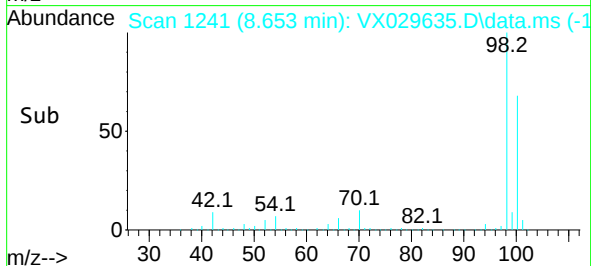
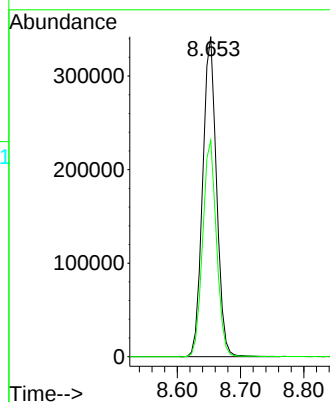
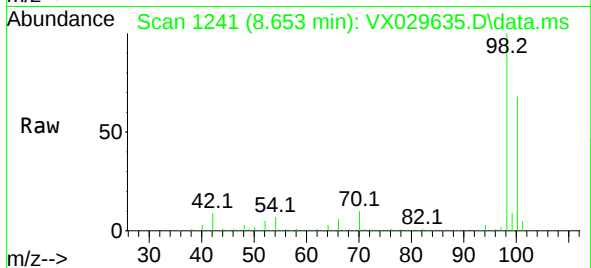




#50  
Toluene-d8  
Concen: 47.328 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX029635.D  
Acq: 21 Jun 2022 03:03

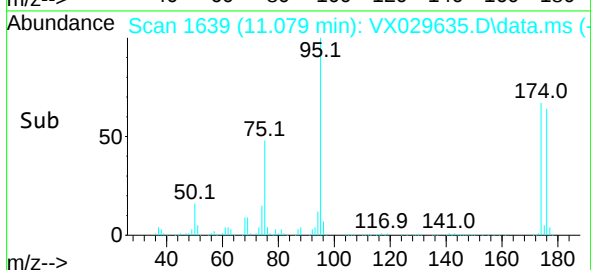
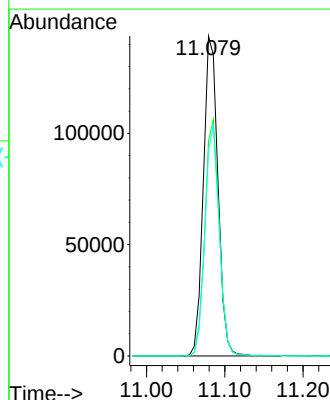
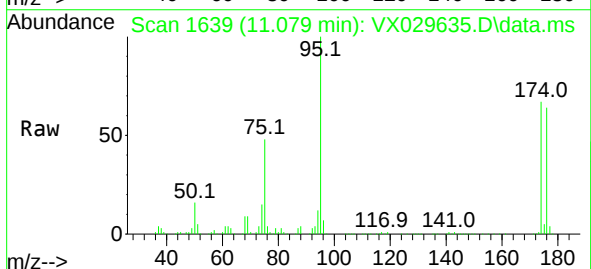
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0620WBL02

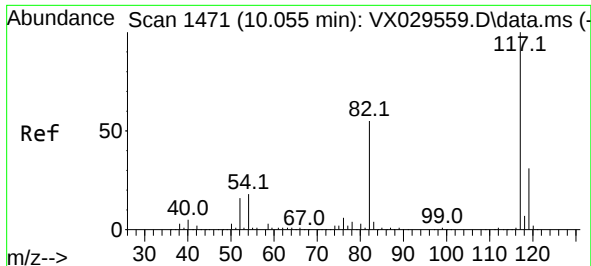
Tgt Ion: 98 Resp: 522367  
Ion Ratio Lower Upper  
98 100  
100 67.3 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 44.601 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX029635.D  
Acq: 21 Jun 2022 03:03

Tgt Ion: 95 Resp: 185642  
Ion Ratio Lower Upper  
95 100  
174 73.1 0.0 163.0  
176 70.6 0.0 155.0

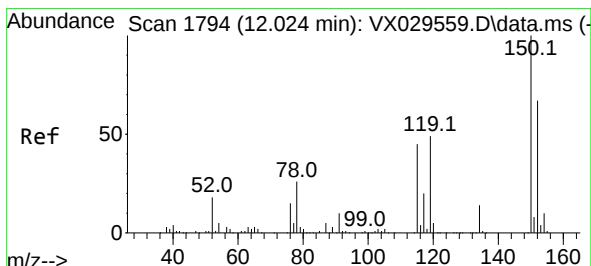
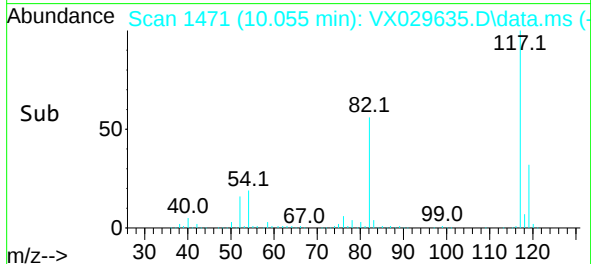
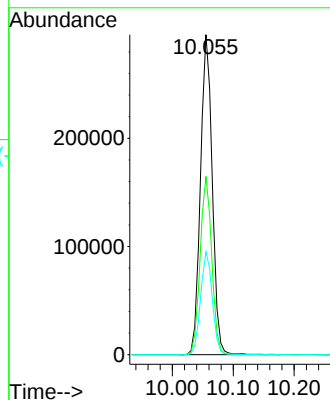
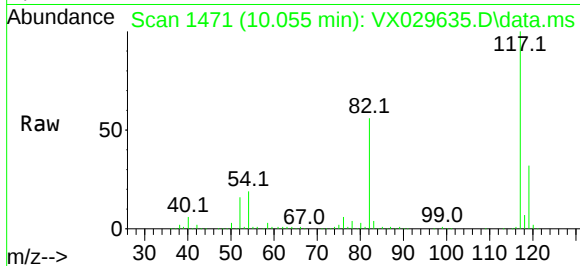




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX029635.D  
Acq: 21 Jun 2022 03:03

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0620WBL02

Tgt Ion:117 Resp: 396754  
Ion Ratio Lower Upper  
117 100  
82 55.7 41.8 62.8  
119 32.2 24.8 37.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX029635.D  
Acq: 21 Jun 2022 03:03

Tgt Ion:152 Resp: 173297  
Ion Ratio Lower Upper  
152 100  
115 62.6 37.5 112.7  
150 155.1 0.0 338.2

