

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120222\  
 Data File : VX033205.D  
 Acq On : 02 Dec 2022 22:43  
 Operator : JC/MD  
 Sample : VX1202WBL02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1202WBL02

Quant Time: Dec 05 00:59:46 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112222W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 22 13:58:46 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 80945    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 148976   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 119855   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 47319    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |           |
|-----------------------------|--------|-------|----------|----------|------|-----------|
| System Monitoring Compounds |        |       |          |          |      |           |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 64448    | 83.586   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 167.180%# |
| 35) Dibromofluoromethane    | 5.391  | 113   | 48386    | 57.611   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 115.220%  |
| 50) Toluene-d8              | 8.647  | 98    | 117693   | 46.419   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 92.840%   |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 40323    | 36.549   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 73.100%#  |

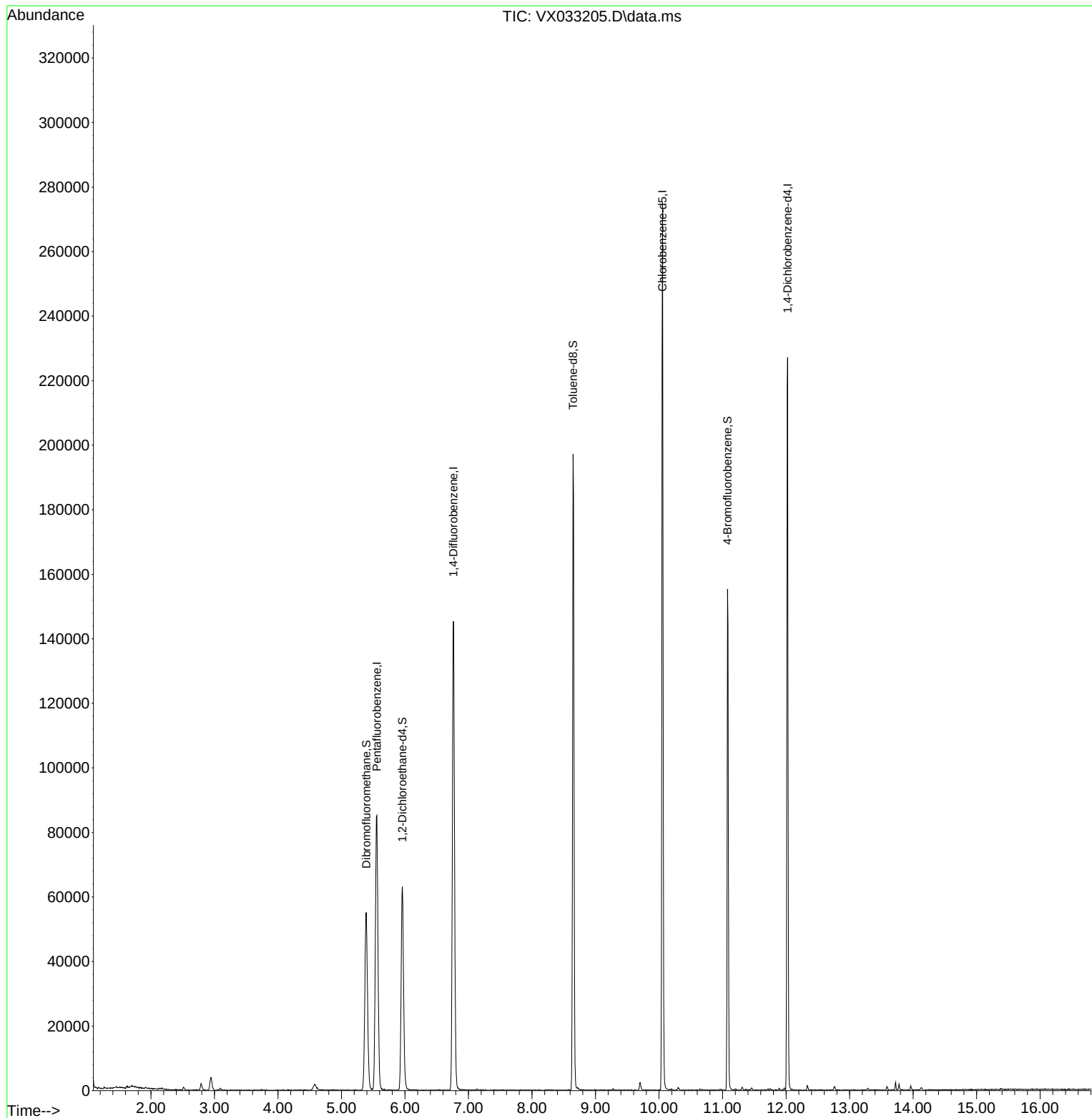
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

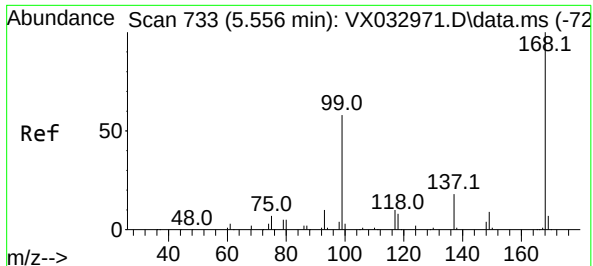
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
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ClientSampleId :  
VX1202WBL02

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112222W.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 22 13:58:46 2022  
Response via : Initial Calibration

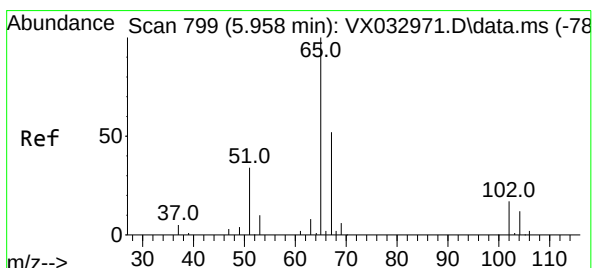
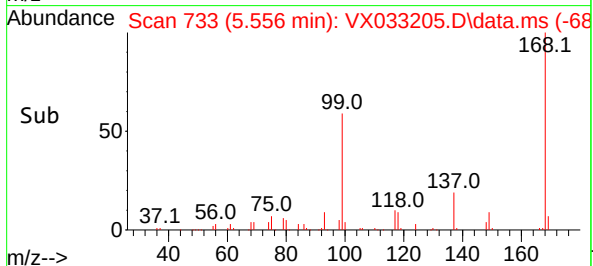
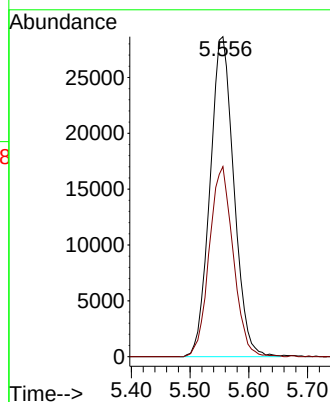
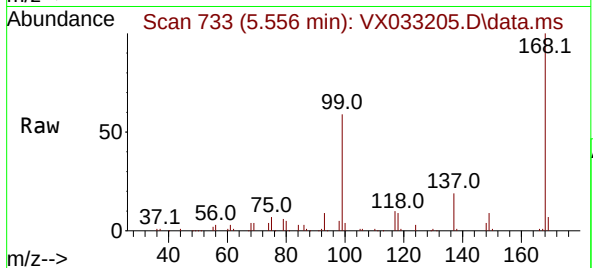




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 711  
Delta R.T. -0.000 min  
Lab File: VX033205.D  
Acq: 02 Dec 2022 22:43

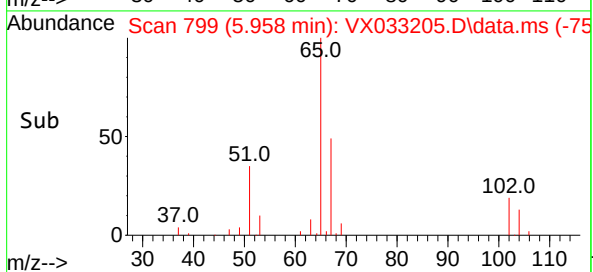
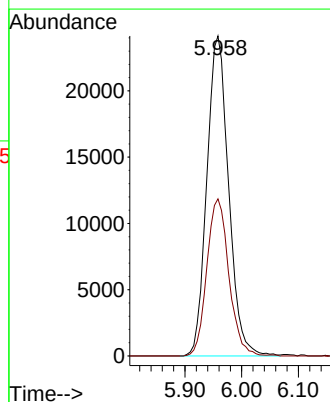
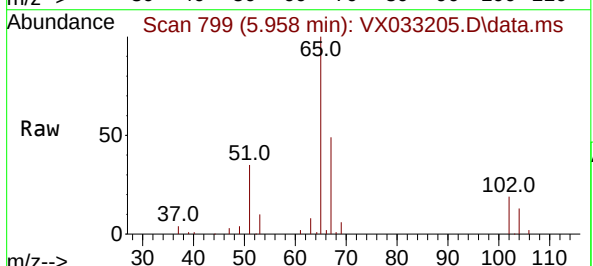
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1202WBL02

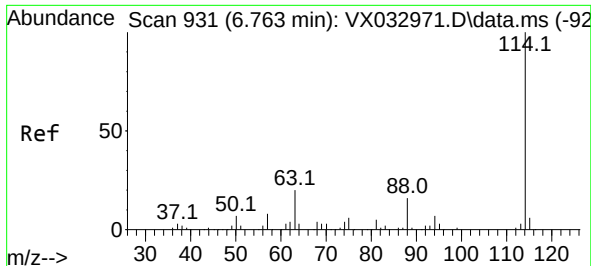
Tgt Ion:168 Resp: 80945  
Ion Ratio Lower Upper  
168 100  
99 59.4 46.1 69.1



#33  
1,2-Dichloroethane-d4  
Concen: 83.586 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX033205.D  
Acq: 02 Dec 2022 22:43

Tgt Ion: 65 Resp: 64448  
Ion Ratio Lower Upper  
65 100  
67 49.8 0.0 101.8

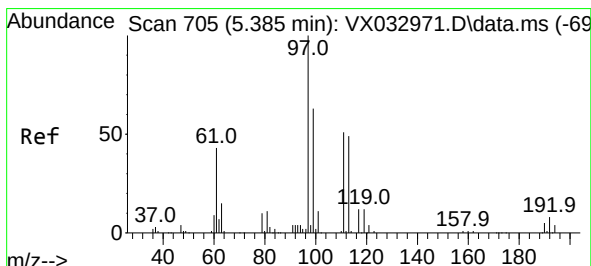
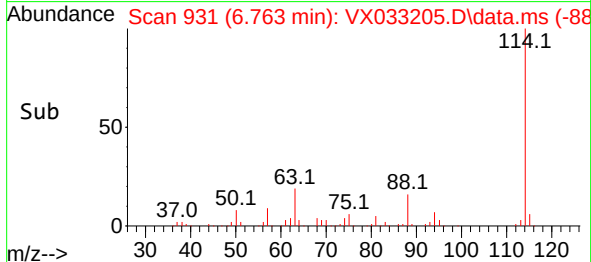
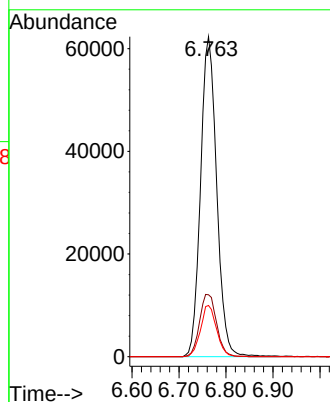
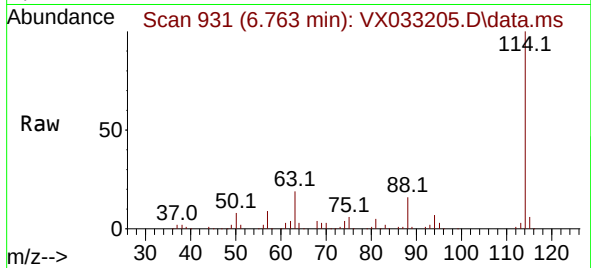




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX033205.D  
Acq: 02 Dec 2022 22:43

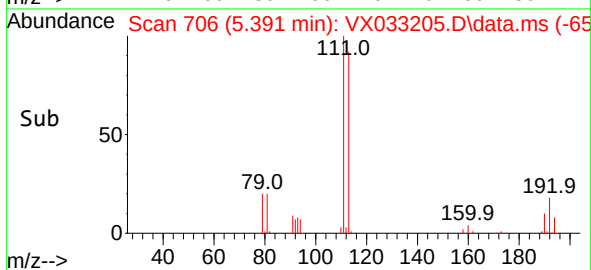
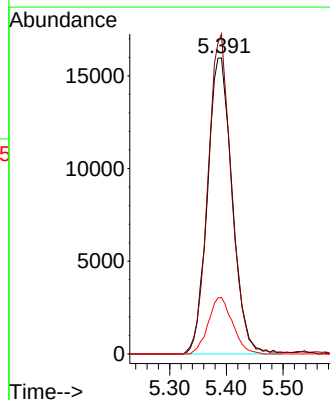
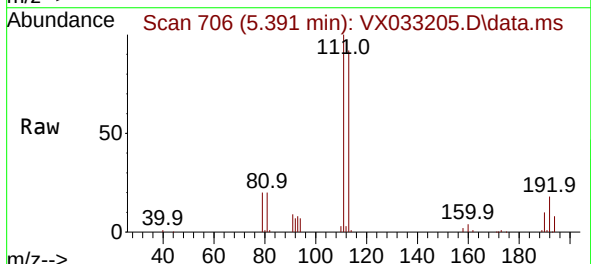
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1202WBL02

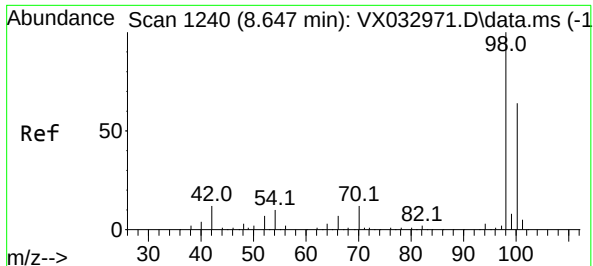
Tgt Ion:114 Resp: 148976  
Ion Ratio Lower Upper  
114 100  
63 19.4 0.0 41.6  
88 16.0 0.0 33.4



#35  
Dibromofluoromethane  
Concen: 57.611 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX033205.D  
Acq: 02 Dec 2022 22:43

Tgt Ion:113 Resp: 48386  
Ion Ratio Lower Upper  
113 100  
111 103.1 82.4 123.6  
192 18.7 15.4 23.2

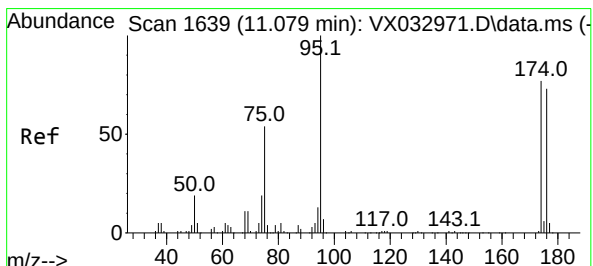
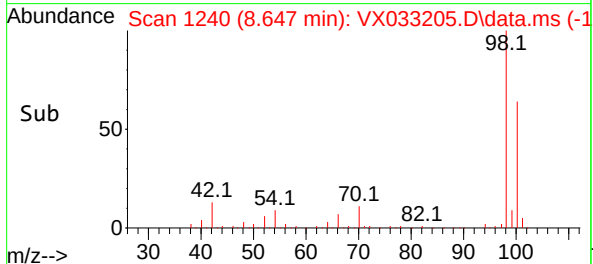
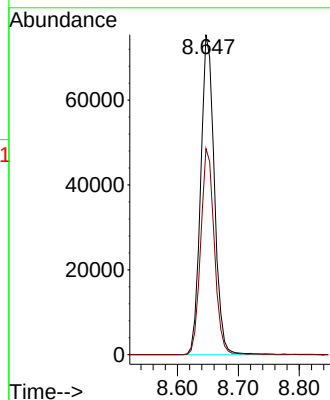
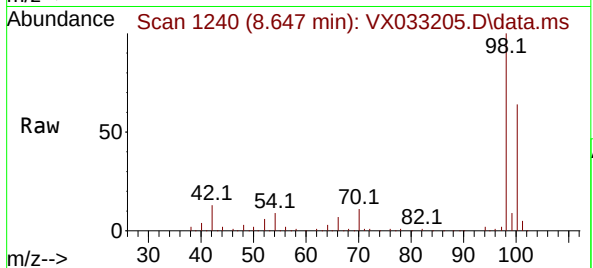




#50  
Toluene-d8  
Concen: 46.419 ug/l  
RT: 8.647 min Scan# 117693  
Delta R.T. -0.006 min  
Lab File: VX033205.D  
Acq: 02 Dec 2022 22:43

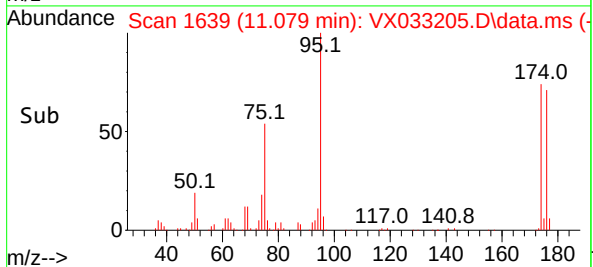
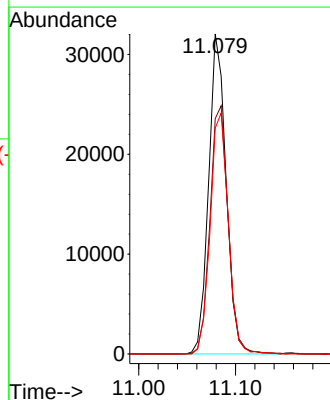
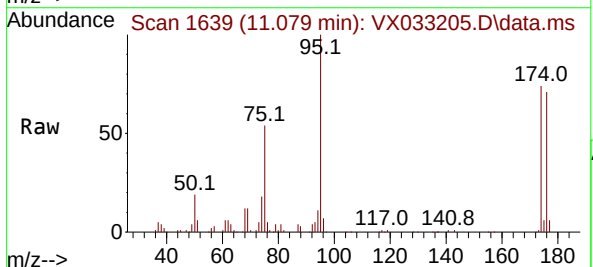
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1202WBL02

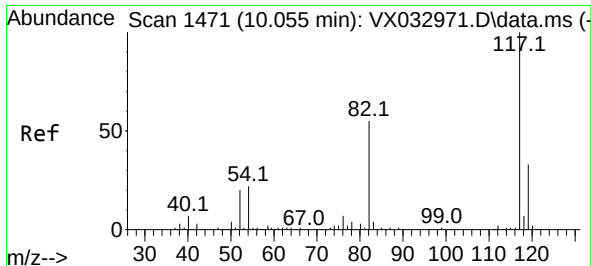
Tgt Ion: 98 Resp: 117693  
Ion Ratio Lower Upper  
98 100  
100 64.2 50.9 76.3



#62  
4-Bromofluorobenzene  
Concen: 36.549 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX033205.D  
Acq: 02 Dec 2022 22:43

Tgt Ion: 95 Resp: 40323  
Ion Ratio Lower Upper  
95 100  
174 81.0 0.0 164.0  
176 77.9 0.0 154.4

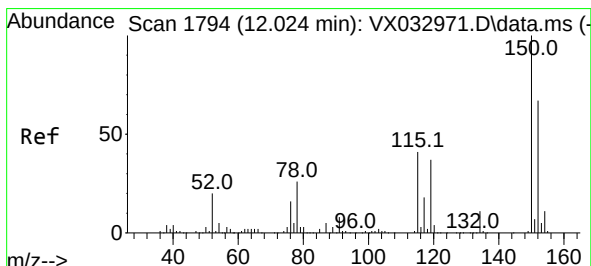
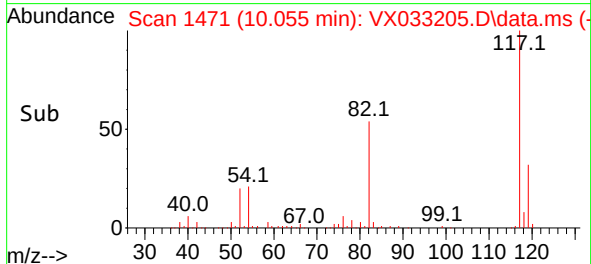
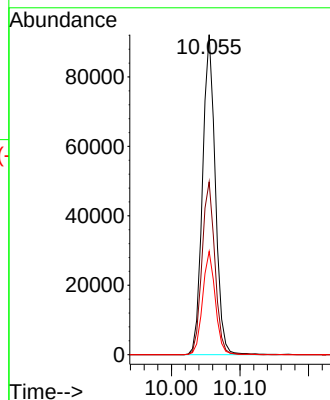
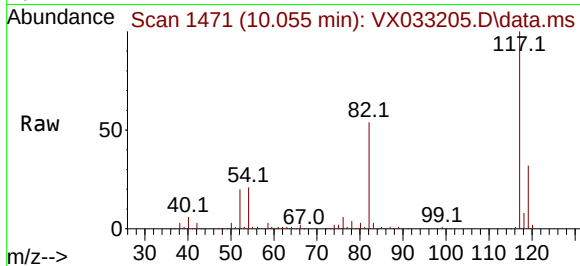




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX033205.D  
Acq: 02 Dec 2022 22:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1202WBL02

Tgt Ion:117 Resp: 119855  
Ion Ratio Lower Upper  
117 100  
82 54.0 44.3 66.5  
119 32.3 25.7 38.5



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX033205.D  
Acq: 02 Dec 2022 22:43

Tgt Ion:152 Resp: 47319  
Ion Ratio Lower Upper  
152 100  
115 60.9 44.0 132.0  
150 154.4 0.0 351.8

