

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120221\  
 Data File : VX025446.D  
 Acq On : 02 Dec 2021 22:59  
 Operator : JC/MD  
 Sample : VX1202WBL02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1202WBL02

Quant Time: Dec 03 03:14:13 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X111721W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 17 15:36:16 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 104390   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 176402   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 159053   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 70509    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 60669    | 55.137   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 110.280% |          |
| 35) Dibromofluoromethane    | 5.397  | 113   | 54150    | 50.030   | ug/l       | 0.01     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 100.060% |          |
| 50) Toluene-d8              | 8.653  | 98    | 202991   | 49.881   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 99.760%  |          |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 70635    | 45.881   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 91.760%  |          |

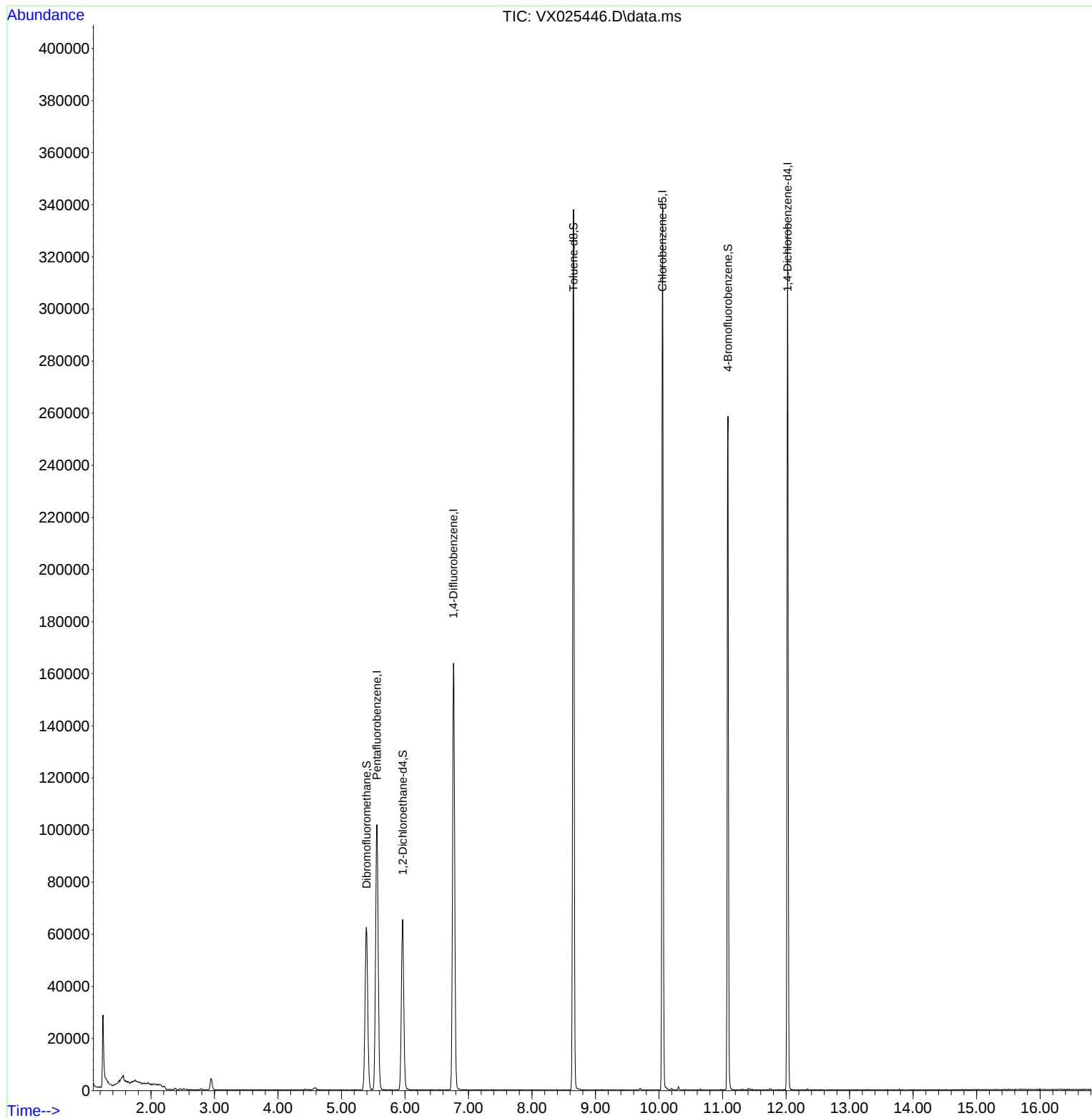
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

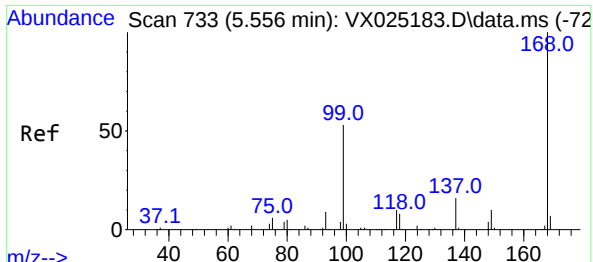
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VX1202WBL02  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1202WBL02

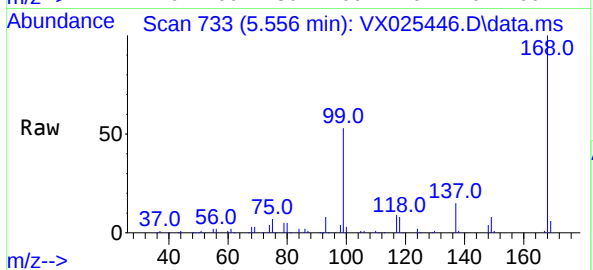
Quant Time: Dec 03 03:14:13 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X111721W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 17 15:36:16 2021  
Response via : Initial Calibration



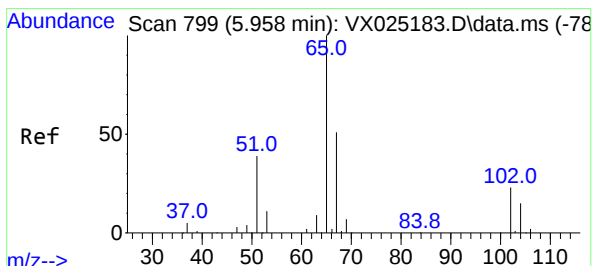
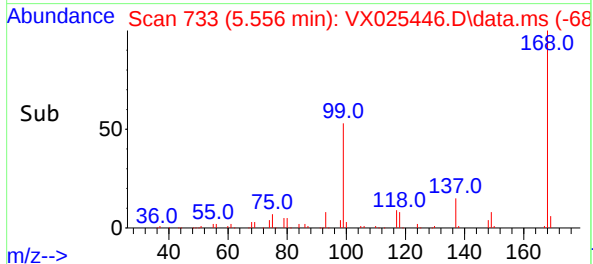
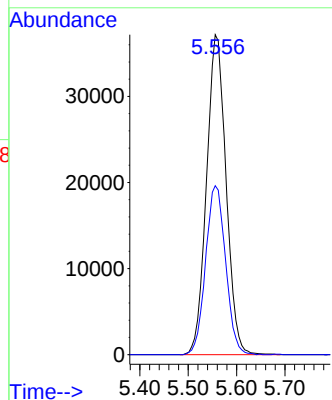


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX025446.D  
Acq: 02 Dec 2021 22:59

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1202WBL02

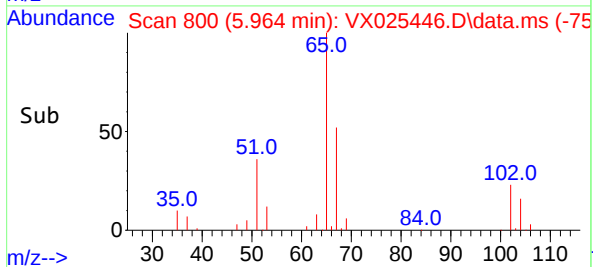
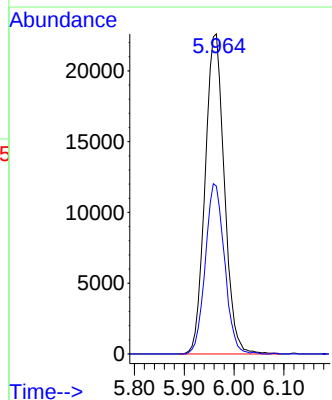
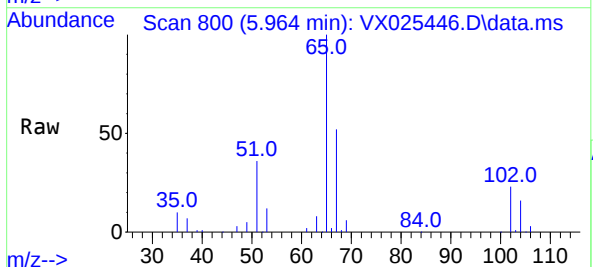


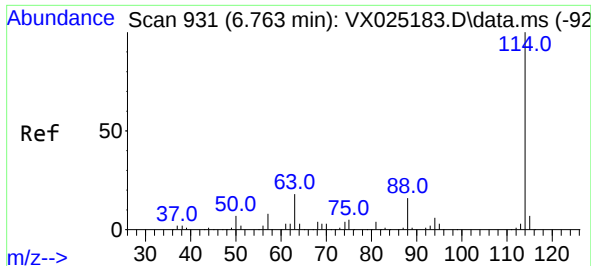
Tgt Ion:168 Resp: 104390  
Ion Ratio Lower Upper  
168 100  
99 52.8 46.4 69.6



#33  
1,2-Dichloroethane-d4  
Concen: 55.137 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.006 min  
Lab File: VX025446.D  
Acq: 02 Dec 2021 22:59

Tgt Ion: 65 Resp: 60669  
Ion Ratio Lower Upper  
65 100  
67 53.0 0.0 101.0

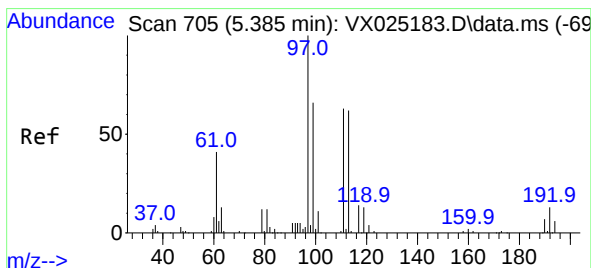
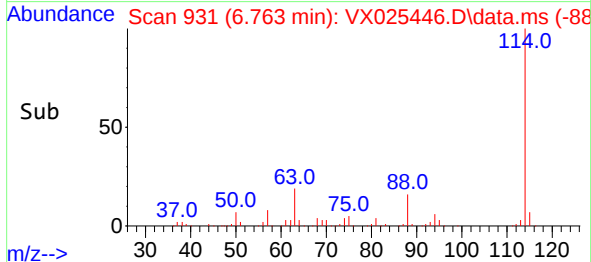
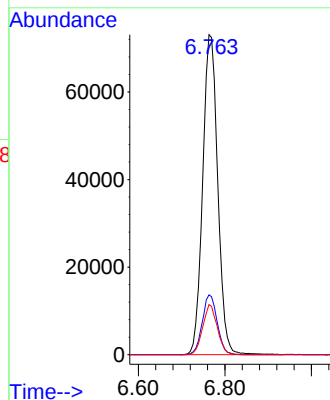
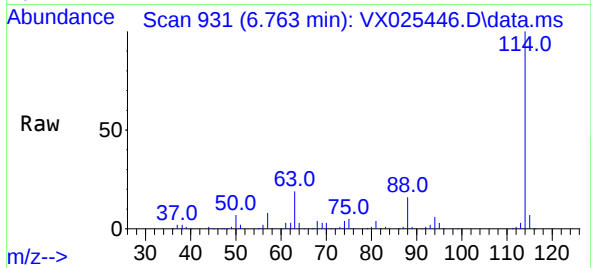




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX025446.D  
Acq: 02 Dec 2021 22:59

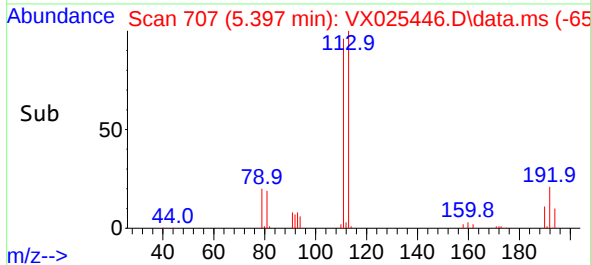
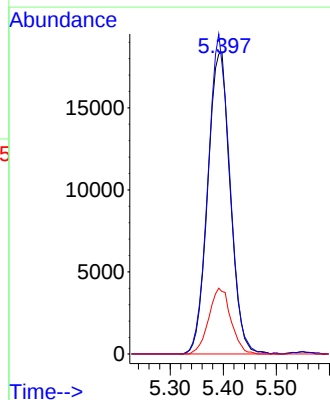
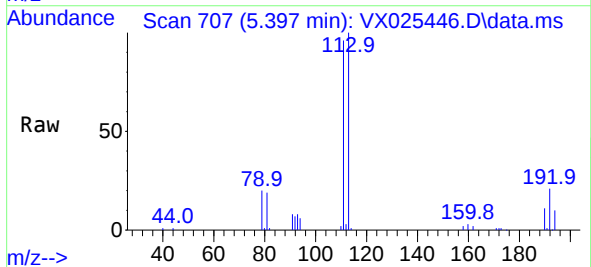
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1202WBL02

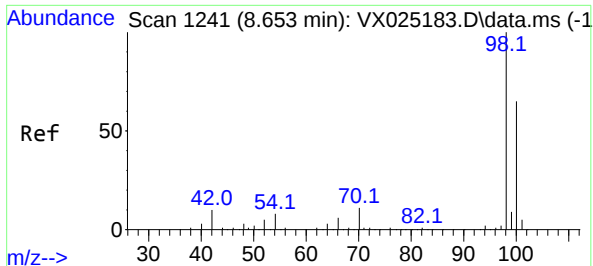
Tgt Ion:114 Resp: 176402  
Ion Ratio Lower Upper  
114 100  
63 18.7 0.0 41.0  
88 15.7 0.0 34.8



#35  
Dibromofluoromethane  
Concen: 50.030 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.012 min  
Lab File: VX025446.D  
Acq: 02 Dec 2021 22:59

Tgt Ion:113 Resp: 54150  
Ion Ratio Lower Upper  
113 100  
111 102.9 82.1 123.1  
192 21.4 15.6 23.4

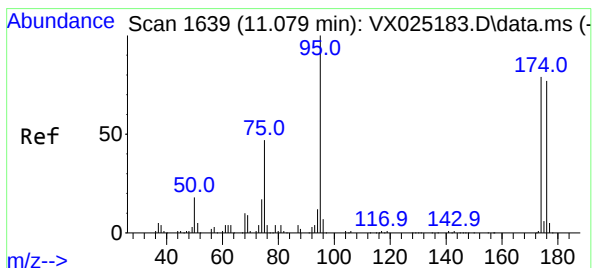
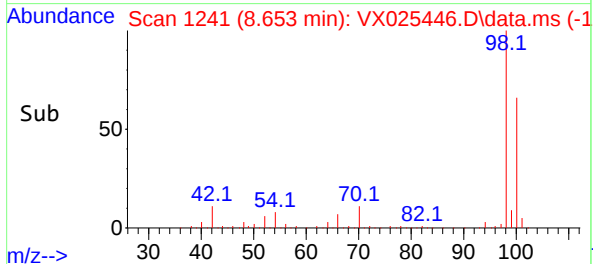
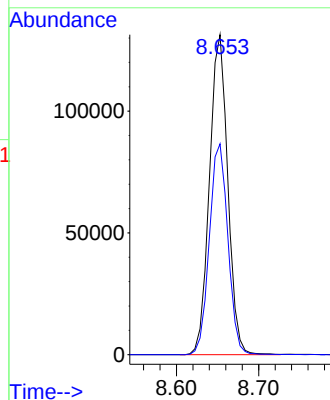
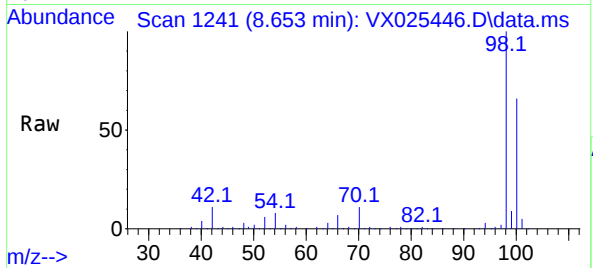




#50  
Toluene-d8  
Concen: 49.881 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX025446.D  
Acq: 02 Dec 2021 22:59

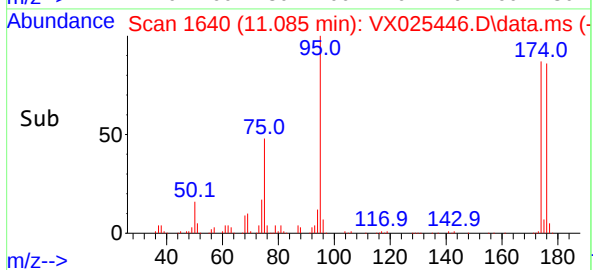
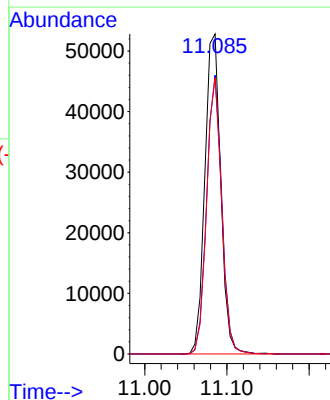
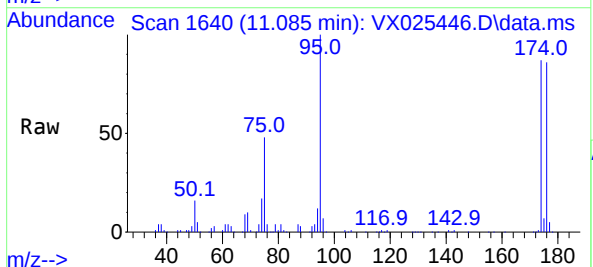
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1202WBL02

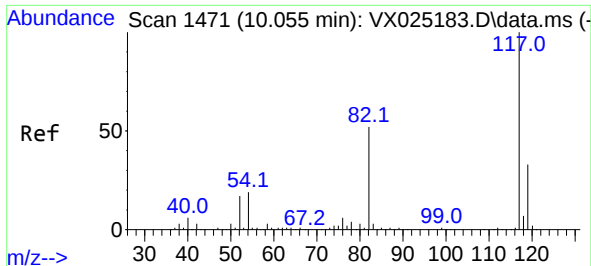
Tgt Ion: 98 Resp: 202991  
Ion Ratio Lower Upper  
98 100  
100 66.9 51.4 77.0



#62  
4-Bromofluorobenzene  
Concen: 45.881 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.006 min  
Lab File: VX025446.D  
Acq: 02 Dec 2021 22:59

Tgt Ion: 95 Resp: 70635  
Ion Ratio Lower Upper  
95 100  
174 83.6 0.0 158.0  
176 81.9 0.0 153.6

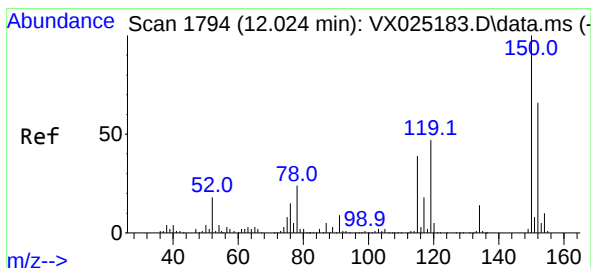
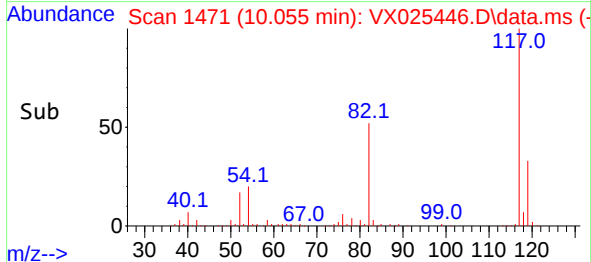
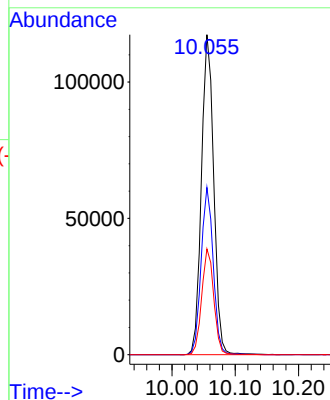
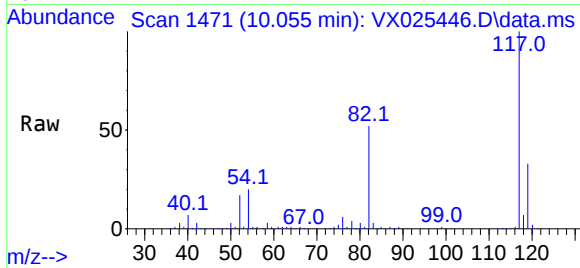




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX025446.D  
Acq: 02 Dec 2021 22:59

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1202WBL02

Tgt Ion:117 Resp: 159053  
Ion Ratio Lower Upper  
117 100  
82 52.2 44.6 67.0  
119 33.0 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: VX025446.D  
Acq: 02 Dec 2021 22:59

Tgt Ion:152 Resp: 70509  
Ion Ratio Lower Upper  
152 100  
115 57.8 43.3 129.8  
150 158.2 0.0 351.2

