

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102323\  
 Data File : VX038433.D  
 Acq On : 23 Oct 2023 15:28  
 Operator : JC/MD  
 Sample : 05007-07  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FB-101923

Quant Time: Oct 24 00:03:20 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100523W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 05 15:27:13 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 128204   | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 234329   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 237602   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 123571   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 92194    | 44.709   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 89.420%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 76955    | 45.576   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 91.160%  |
| 50) Toluene-d8              | 8.647  | 98    | 290845   | 45.077   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 90.160%# |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 107857   | 44.094   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 88.180%  |

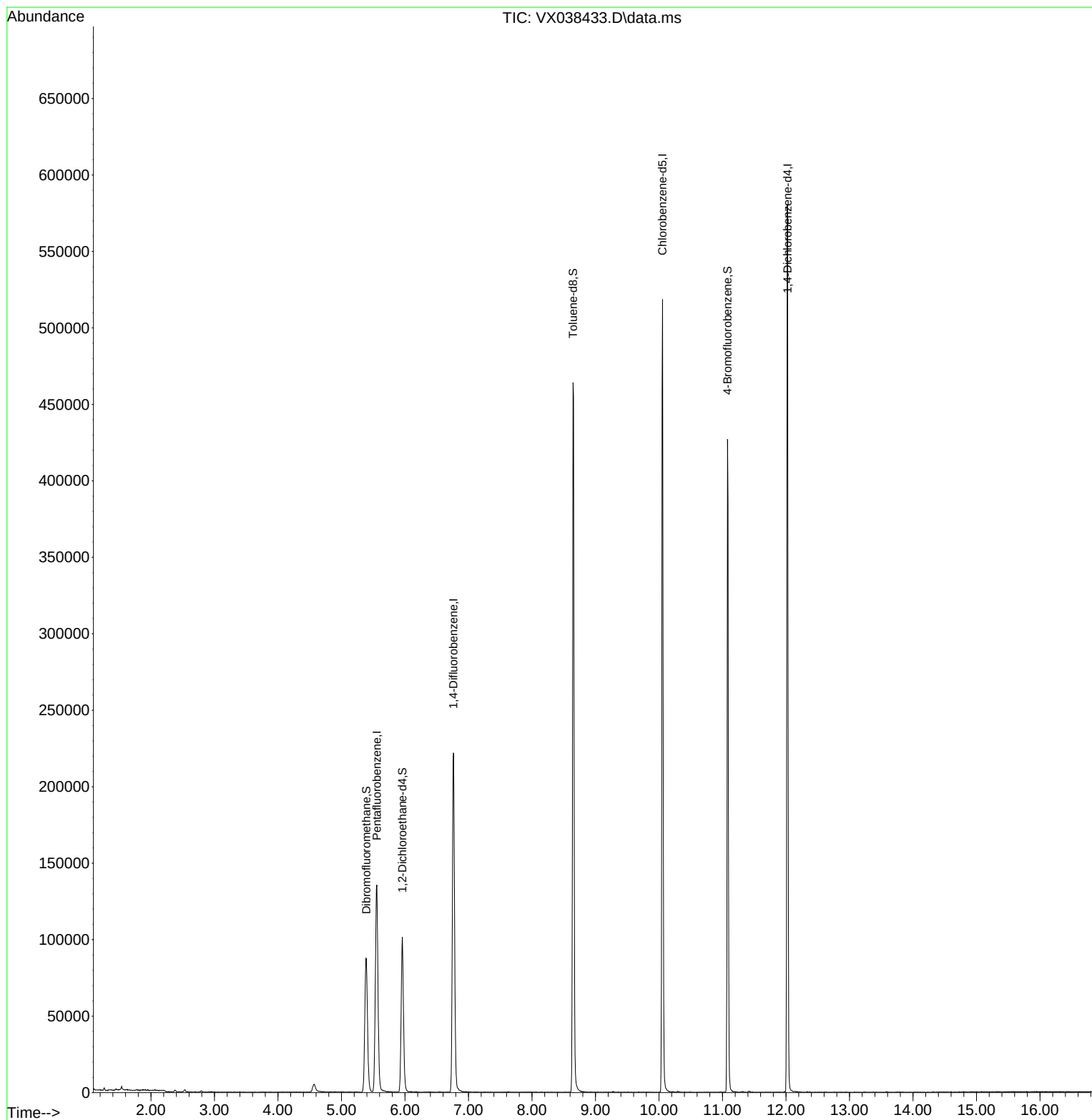
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

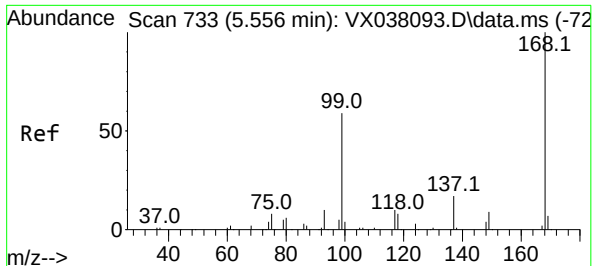
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Thu Oct 05 15:27:13 2023  
Response via : Initial Calibration

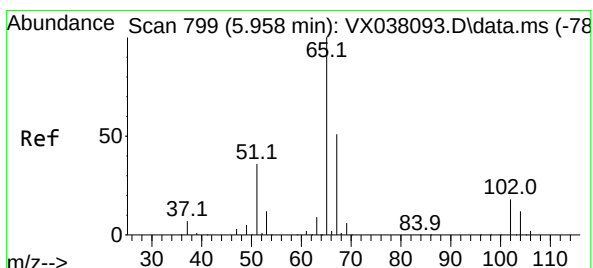
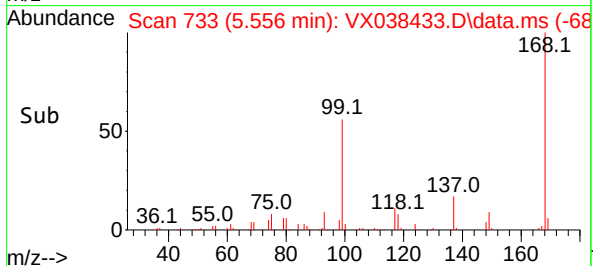
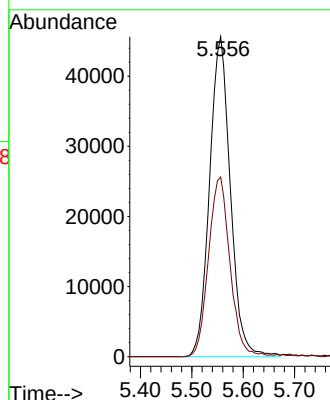
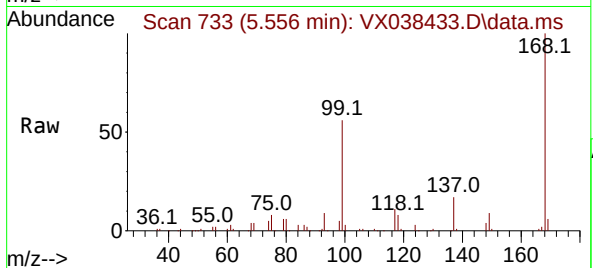




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 711  
Delta R.T. -0.000 min  
Lab File: VX038433.D  
Acq: 23 Oct 2023 15:28

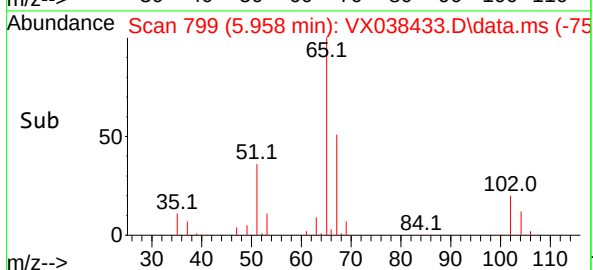
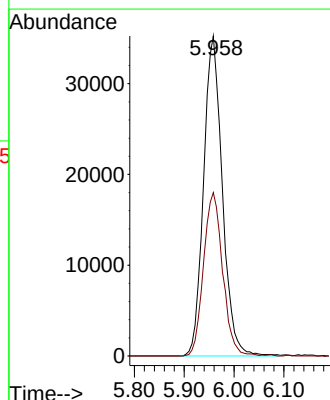
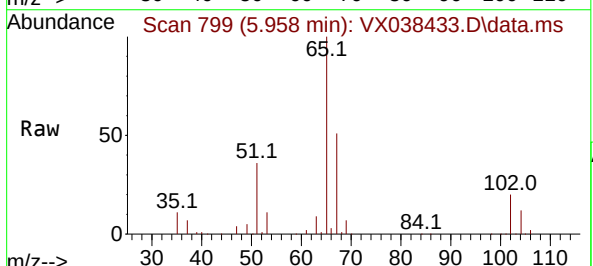
Instrument :  
MSVOA\_X  
ClientSampleId :  
FB-101923

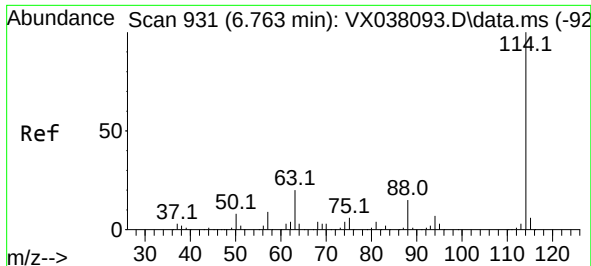
Tgt Ion:168 Resp: 128204  
Ion Ratio Lower Upper  
168 100  
99 56.1 56.6 85.0#



#33  
1,2-Dichloroethane-d4  
Concen: 44.709 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX038433.D  
Acq: 23 Oct 2023 15:28

Tgt Ion: 65 Resp: 92194  
Ion Ratio Lower Upper  
65 100  
67 51.9 0.0 100.2

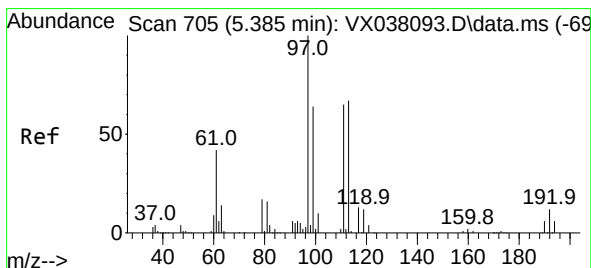
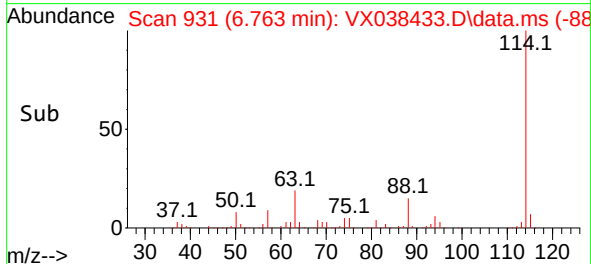
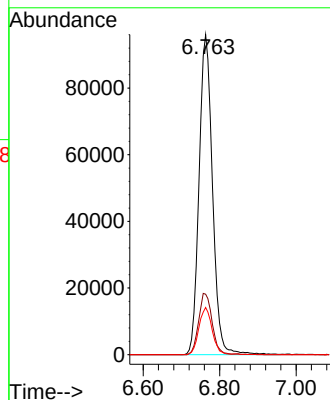
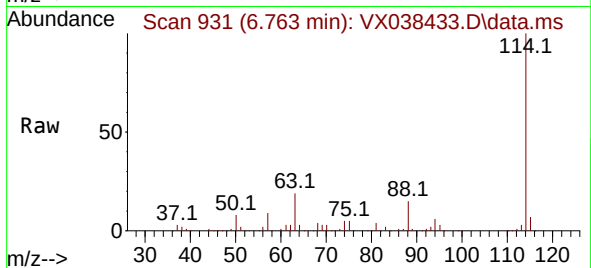




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX038433.D  
Acq: 23 Oct 2023 15:28

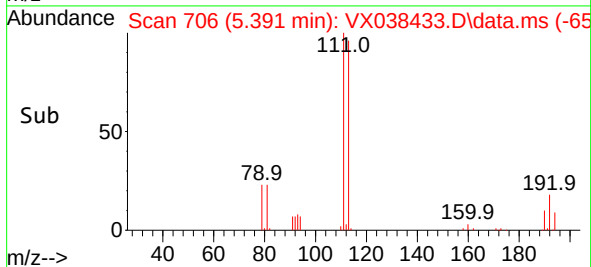
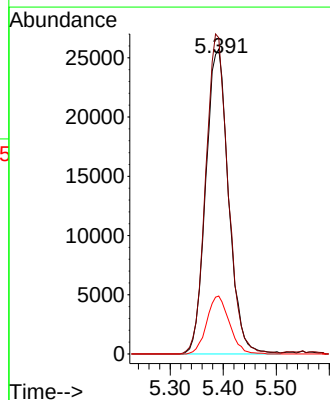
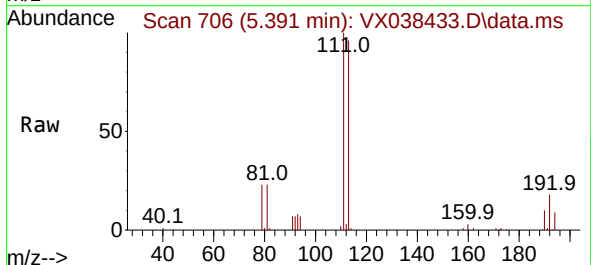
Instrument :  
MSVOA\_X  
ClientSampleId :  
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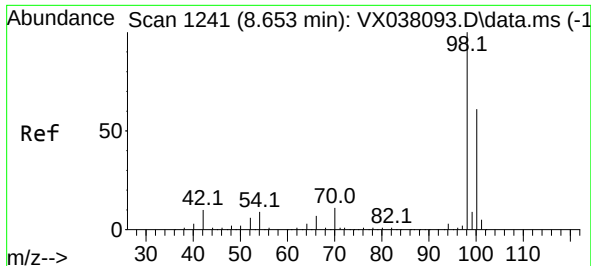
Tgt Ion:114 Resp: 234329  
Ion Ratio Lower Upper  
114 100  
63 18.9 0.0 45.0  
88 14.8 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 45.576 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX038433.D  
Acq: 23 Oct 2023 15:28

Tgt Ion:113 Resp: 76955  
Ion Ratio Lower Upper  
113 100  
111 102.8 82.9 124.3  
192 18.8 13.3 19.9

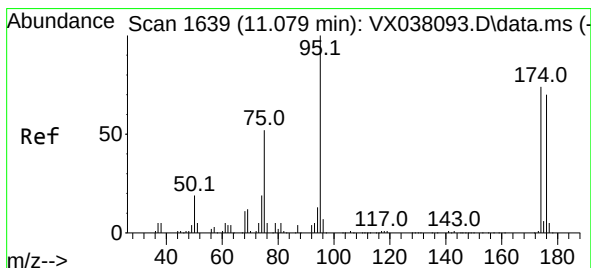
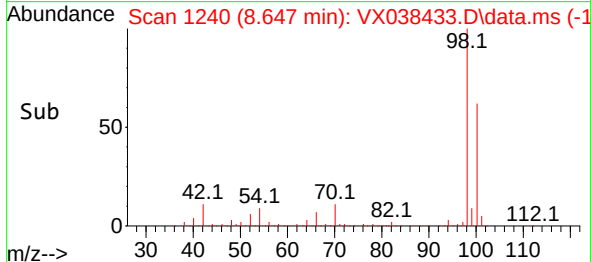
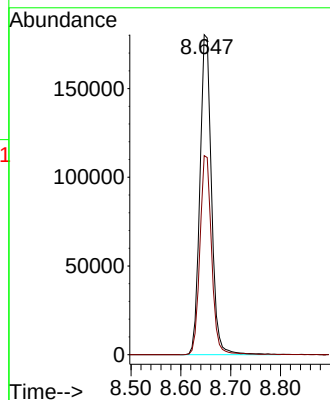
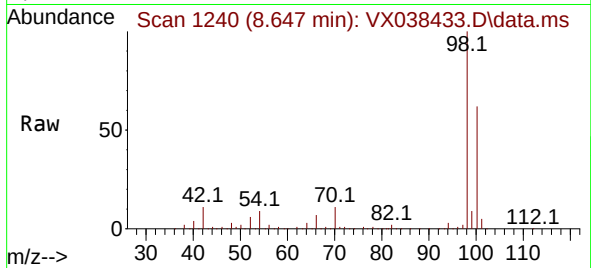




#50  
Toluene-d8  
Concen: 45.077 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX038433.D  
Acq: 23 Oct 2023 15:28

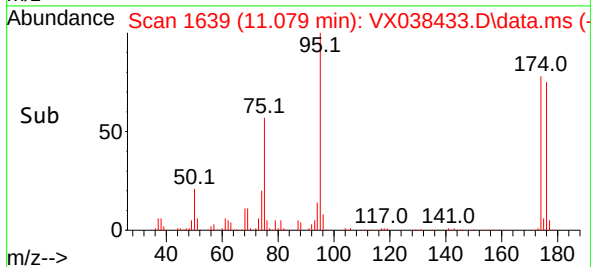
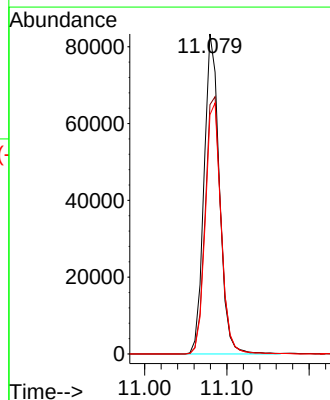
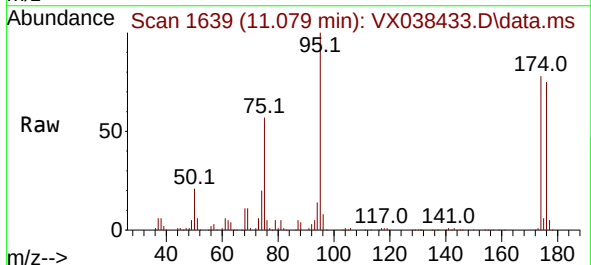
Instrument :  
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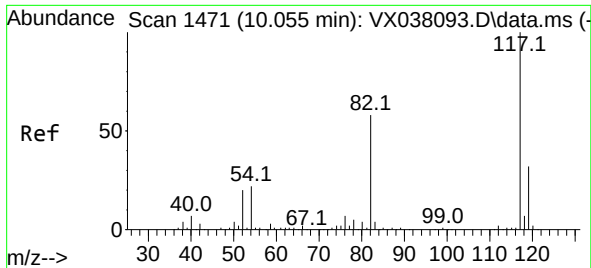
Tgt Ion: 98 Resp: 290845  
Ion Ratio Lower Upper  
98 100  
100 62.8 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 44.094 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX038433.D  
Acq: 23 Oct 2023 15:28

Tgt Ion: 95 Resp: 107857  
Ion Ratio Lower Upper  
95 100  
174 83.2 0.0 135.6  
176 80.5 0.0 131.0

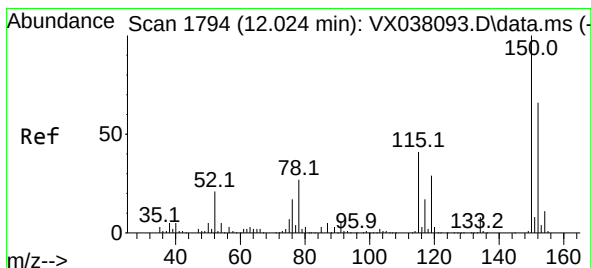
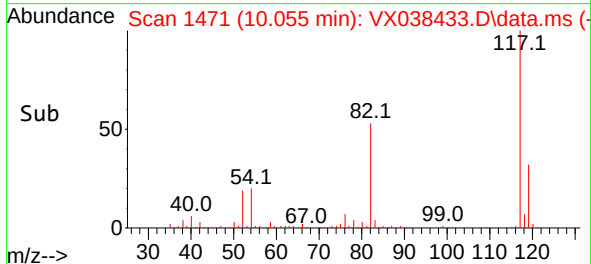
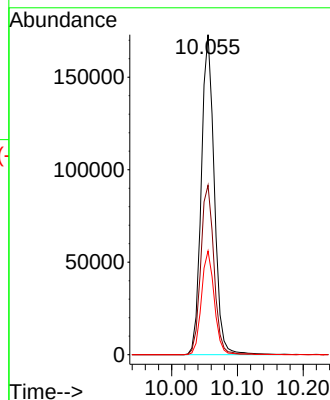
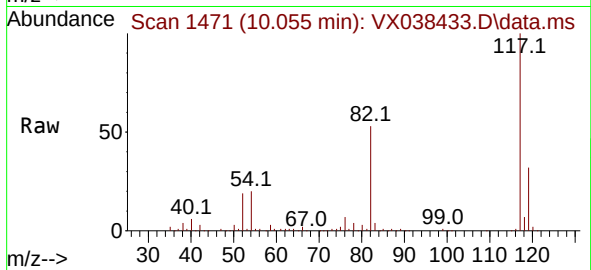




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX038433.D  
Acq: 23 Oct 2023 15:28

Instrument :  
MSVOA\_X  
ClientSampleId :  
FB-101923

Tgt Ion:117 Resp: 237602  
Ion Ratio Lower Upper  
117 100  
82 53.0 46.2 69.4  
119 32.4 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX038433.D  
Acq: 23 Oct 2023 15:28

Tgt Ion:152 Resp: 123571  
Ion Ratio Lower Upper  
152 100  
115 60.3 43.3 129.9  
150 157.2 0.0 345.0

