

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100422\  
 Data File : VX031863.D  
 Acq On : 04 Oct 2022 11:27  
 Operator : JC/MD  
 Sample : VX1004MBL01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1004MBL01

Quant Time: Oct 05 06:18:29 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100322W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 04 06:59:30 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.549  | 168   | 118528   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 170152   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 181315   | 50.000   | ug/l  | # 0.00   |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 122284   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 93204    | 43.892   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =     | 87.780%  |
| 35) Dibromofluoromethane    | 5.379  | 113   | 92199    | 45.607   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 91.220%  |
| 50) Toluene-d8              | 8.646  | 98    | 335040   | 46.328   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =     | 92.660%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 114641   | 44.020   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 88.040%  |

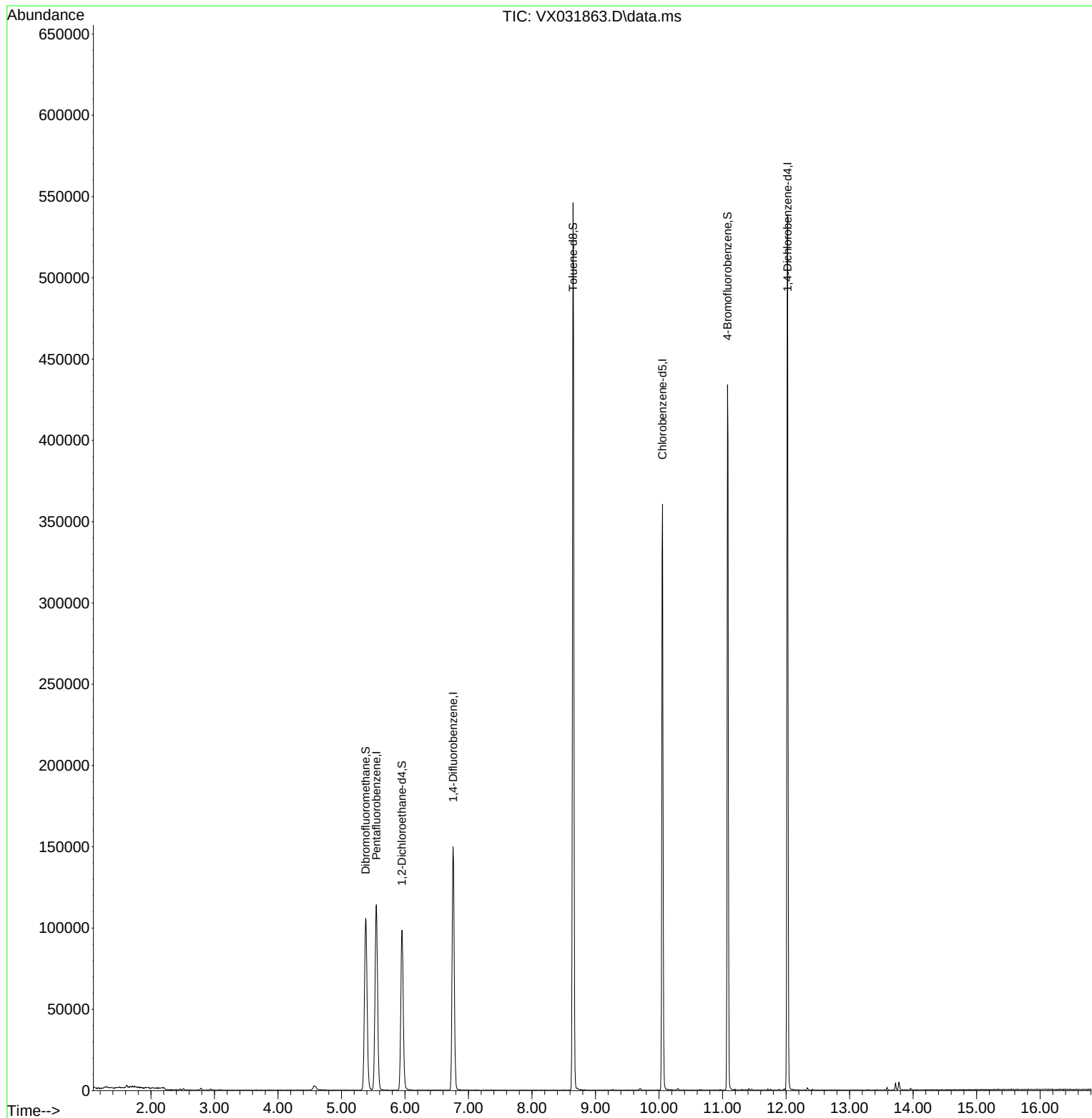
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

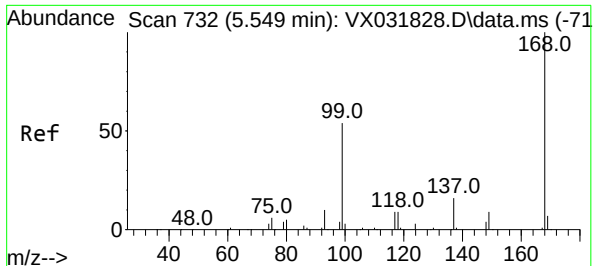
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Oct 04 06:59:30 2022  
Response via : Initial Calibration

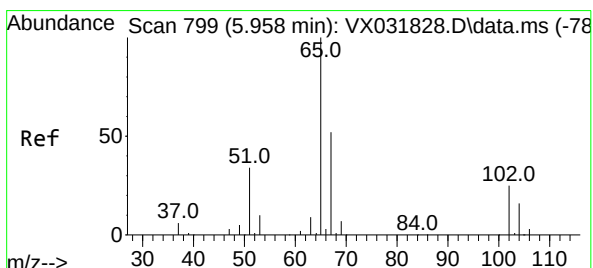
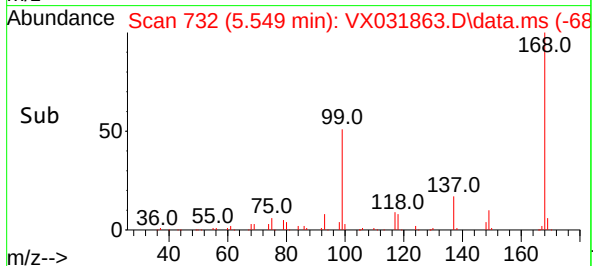
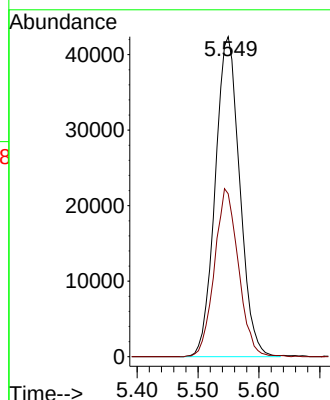
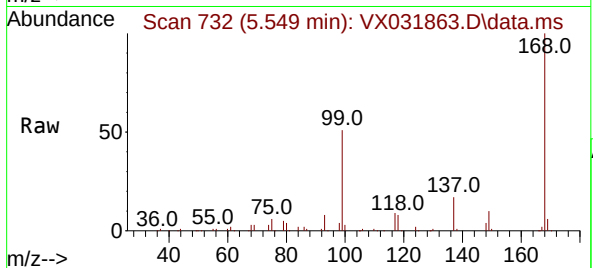




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.549 min Scan# 71  
Delta R.T. -0.001 min  
Lab File: VX031863.D  
Acq: 04 Oct 2022 11:27

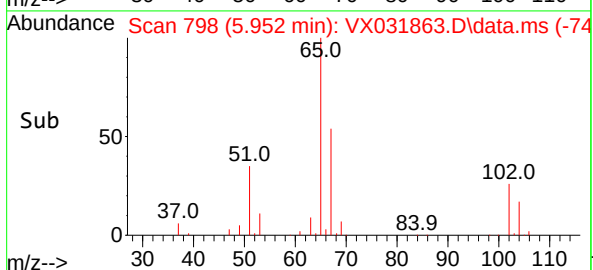
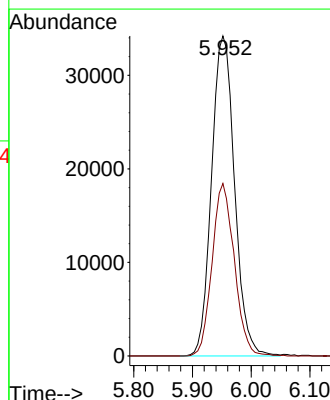
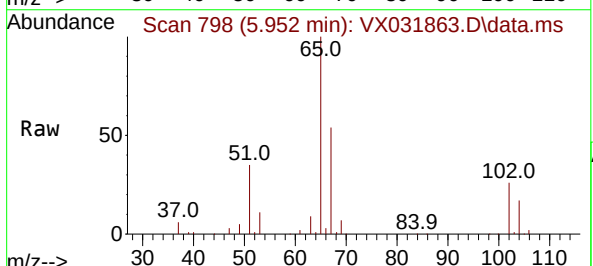
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1004MBL01

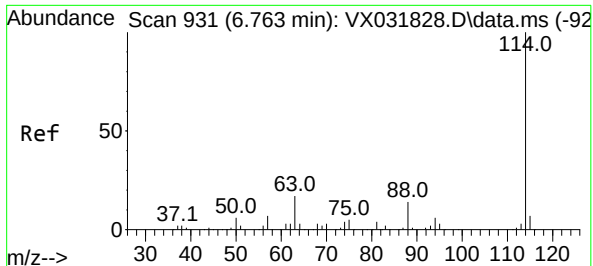
Tgt Ion:168 Resp: 118528  
Ion Ratio Lower Upper  
168 100  
99 50.9 48.8 73.2



#33  
1,2-Dichloroethane-d4  
Concen: 43.892 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.000 min  
Lab File: VX031863.D  
Acq: 04 Oct 2022 11:27

Tgt Ion: 65 Resp: 93204  
Ion Ratio Lower Upper  
65 100  
67 52.0 0.0 102.4

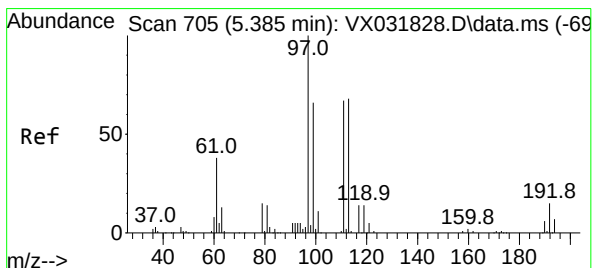
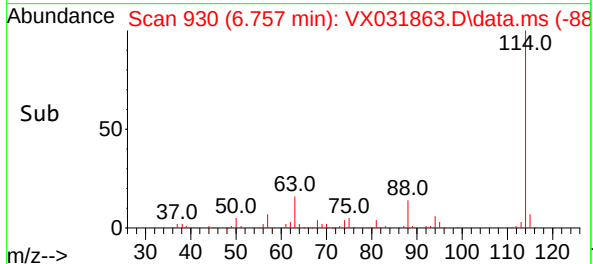
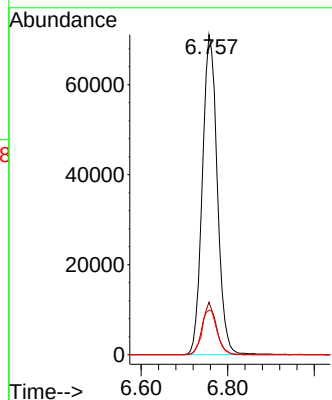
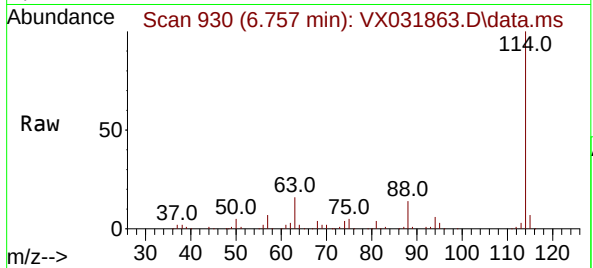




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VX031863.D  
Acq: 04 Oct 2022 11:27

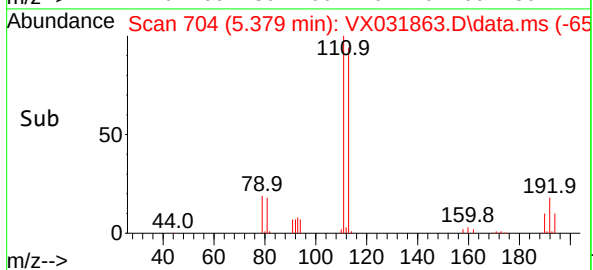
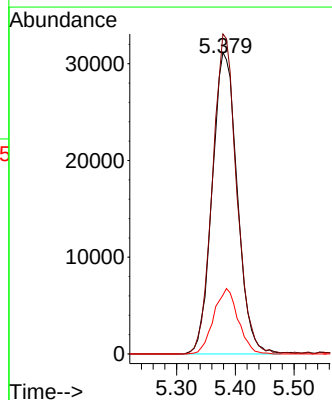
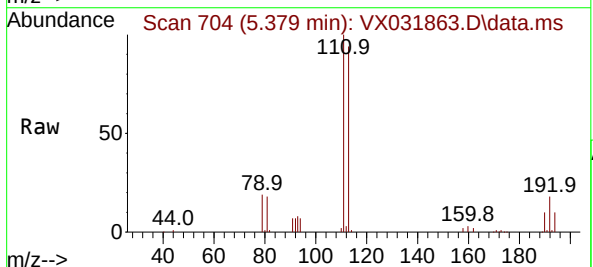
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1004MBL01

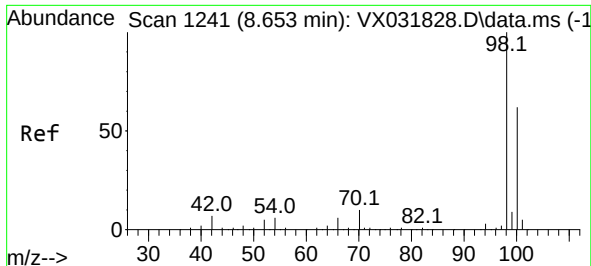
Tgt Ion:114 Resp: 170152  
Ion Ratio Lower Upper  
114 100  
63 16.4 0.0 42.6  
88 13.9 0.0 33.0



#35  
Dibromofluoromethane  
Concen: 45.607 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX031863.D  
Acq: 04 Oct 2022 11:27

Tgt Ion:113 Resp: 92199  
Ion Ratio Lower Upper  
113 100  
111 102.4 82.4 123.6  
192 21.2 14.1 21.1#

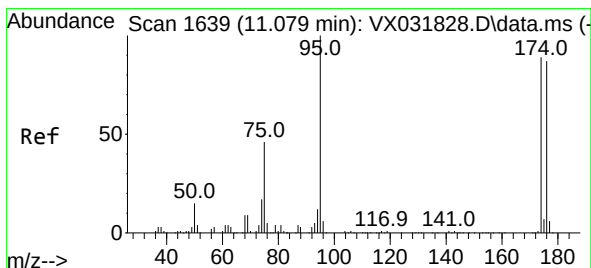
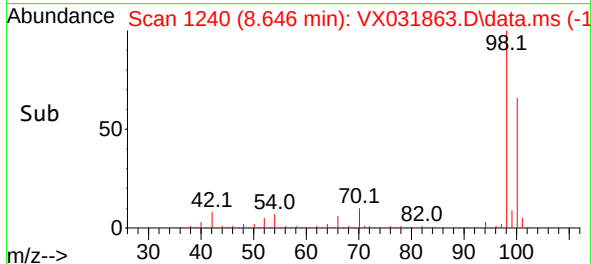
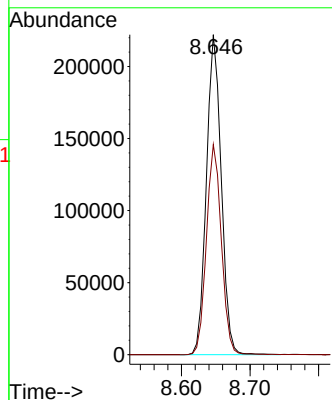
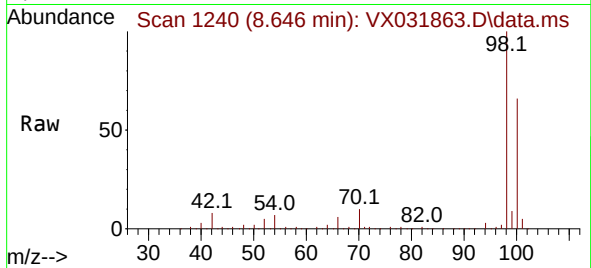




#50  
Toluene-d8  
Concen: 46.328 ug/l  
RT: 8.646 min Scan# 11  
Delta R.T. -0.007 min  
Lab File: VX031863.D  
Acq: 04 Oct 2022 11:27

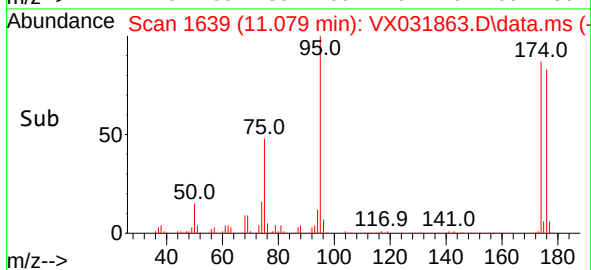
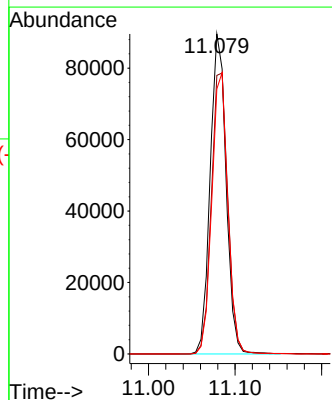
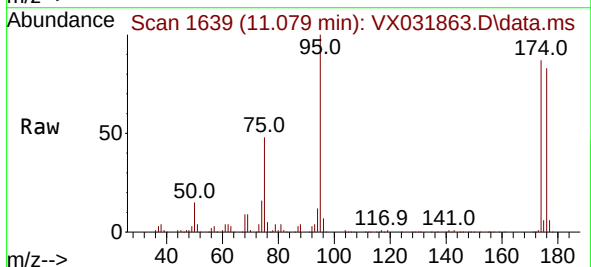
Instrument :  
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ClientSampleId :  
VX1004MBL01

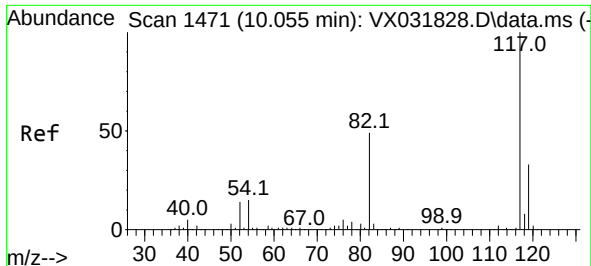
Tgt Ion: 98 Resp: 335040  
Ion Ratio Lower Upper  
98 100  
100 66.2 52.5 78.7



#62  
4-Bromofluorobenzene  
Concen: 44.020 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX031863.D  
Acq: 04 Oct 2022 11:27

Tgt Ion: 95 Resp: 114641  
Ion Ratio Lower Upper  
95 100  
174 91.2 0.0 153.2  
176 88.3 0.0 144.0

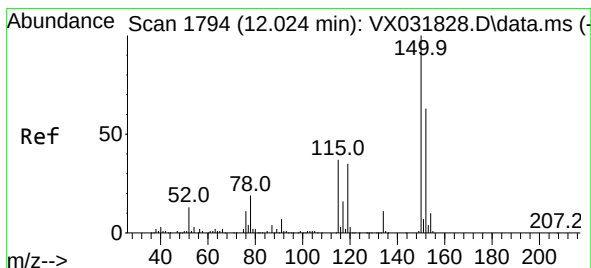
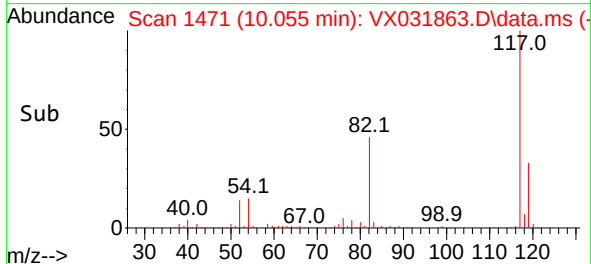
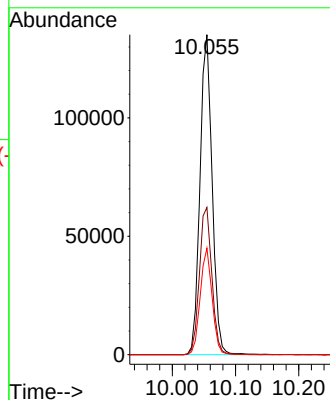
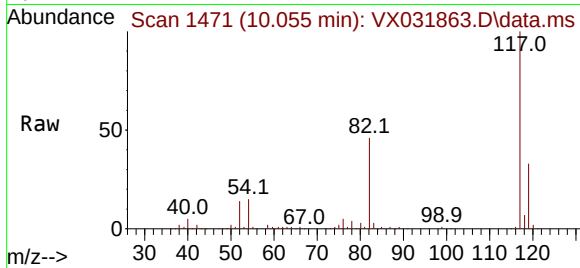




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX031863.D  
Acq: 04 Oct 2022 11:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1004MBL01

Tgt Ion:117 Resp: 181315  
Ion Ratio Lower Upper  
117 100  
82 46.0 46.8 70.2#  
119 33.3 26.4 39.6



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX031863.D  
Acq: 04 Oct 2022 11:27

Tgt Ion:152 Resp: 122284  
Ion Ratio Lower Upper  
152 100  
115 56.6 43.4 130.1  
150 156.3 0.0 346.8

