

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062424\  
 Data File : VX041999.D  
 Acq On : 24 Jun 2024 13:00  
 Operator : JC/MD  
 Sample : VX0624WBL02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0624WBL02

Quant Time: Jun 25 06:13:04 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 21 23:51:58 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 155703   | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 237716   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 237872   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 119667   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 78087    | 43.492   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 86.980%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 74964    | 44.444   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 88.880%  |
| 50) Toluene-d8              | 8.647  | 98    | 282419   | 47.661   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 95.320%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 107293   | 49.120   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 98.240%  |

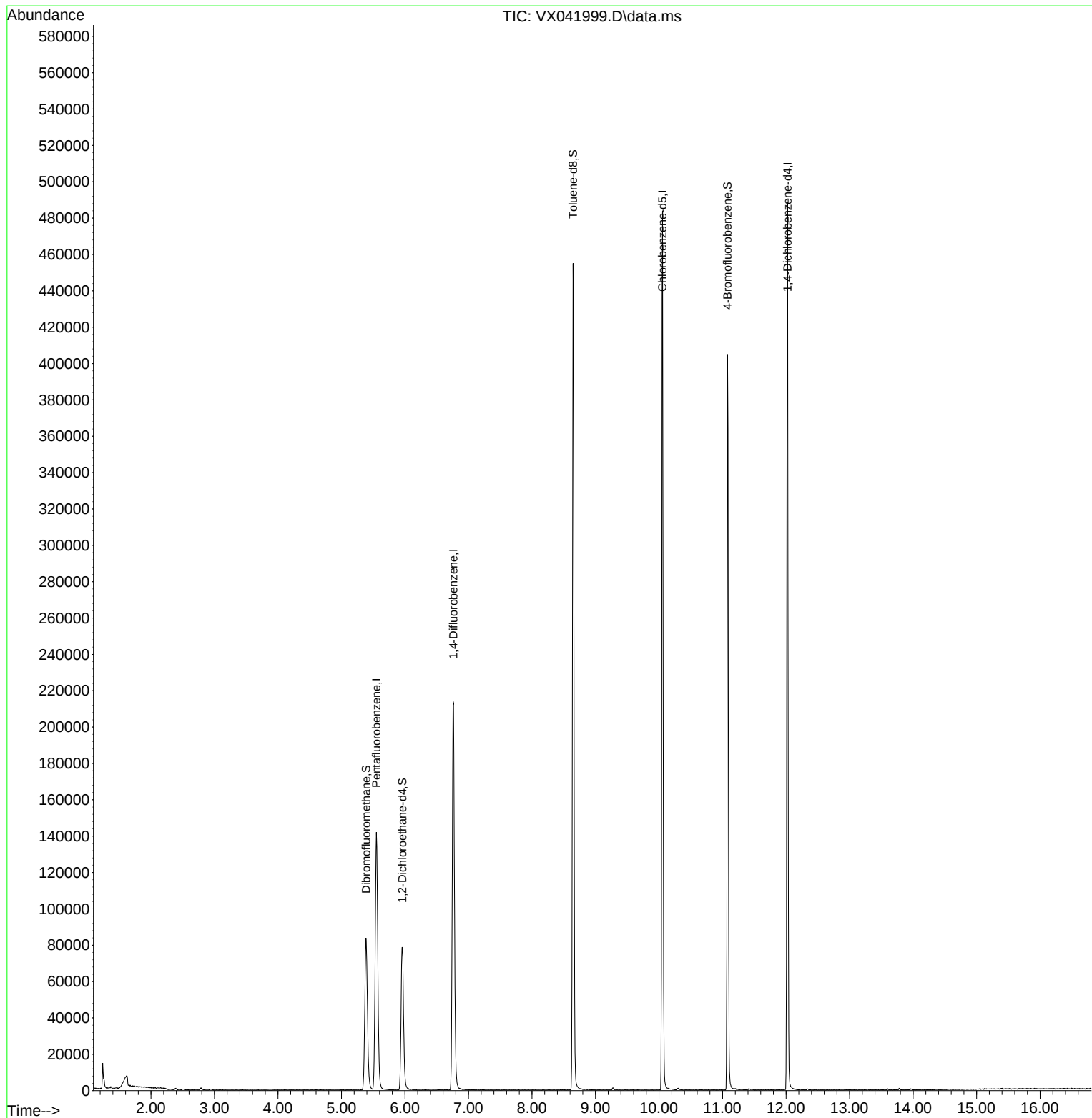
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

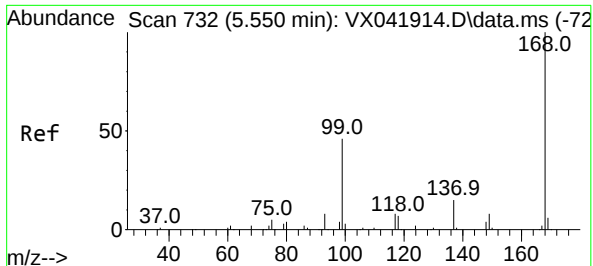
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jun 21 23:51:58 2024  
Response via : Initial Calibration

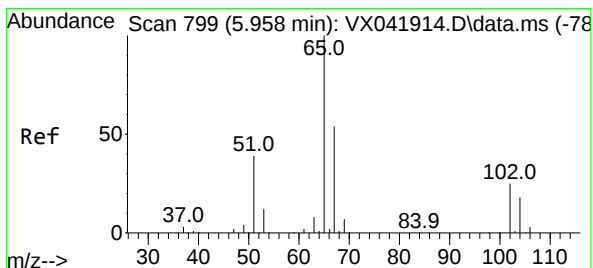
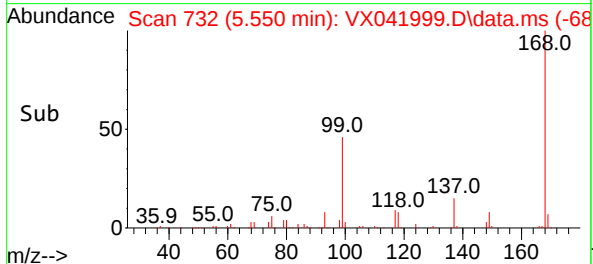
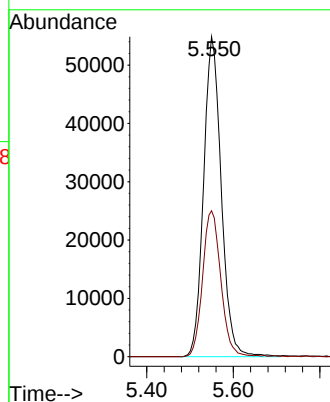
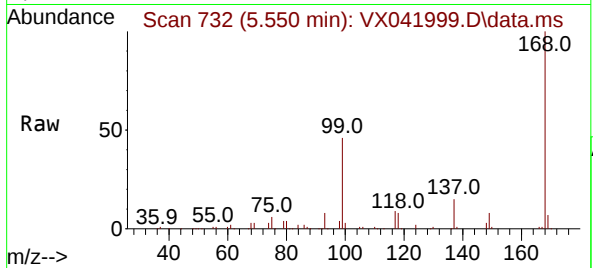




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX041999.D  
Acq: 24 Jun 2024 13:00

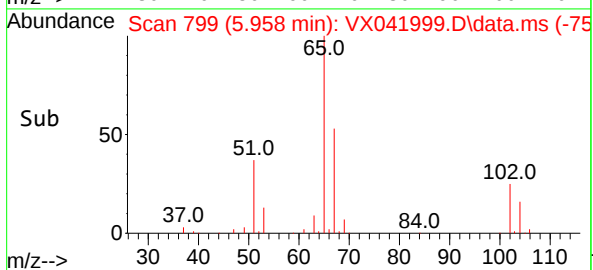
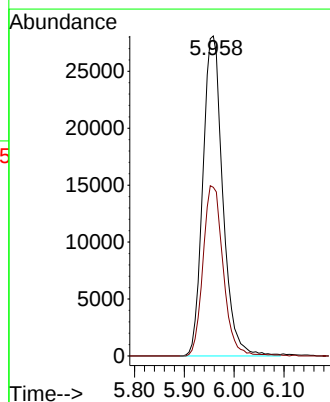
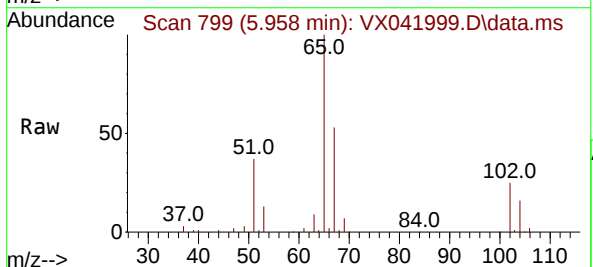
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0624WBL02

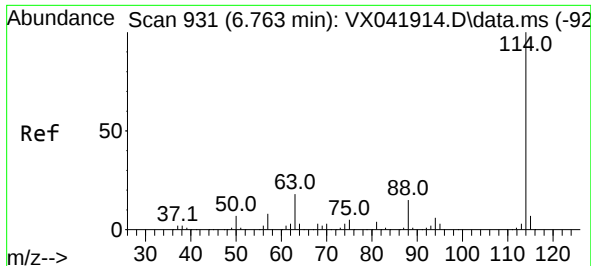
Tgt Ion:168 Resp: 155703  
Ion Ratio Lower Upper  
168 100  
99 45.6 56.6 85.0#



#33  
1,2-Dichloroethane-d4  
Concen: 43.492 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX041999.D  
Acq: 24 Jun 2024 13:00

Tgt Ion: 65 Resp: 78087  
Ion Ratio Lower Upper  
65 100  
67 53.8 0.0 100.2

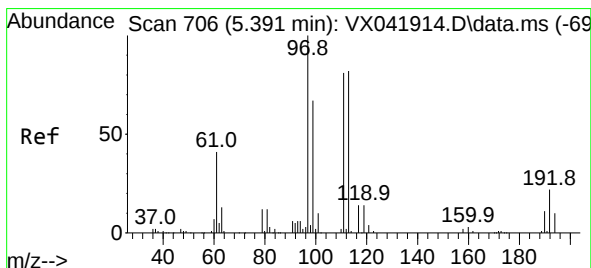
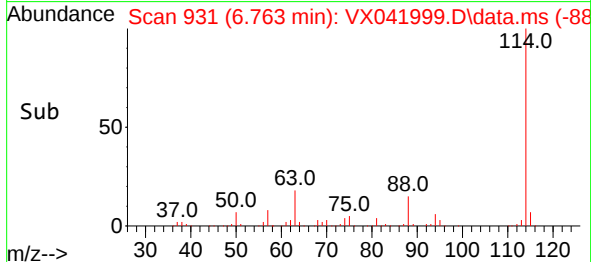
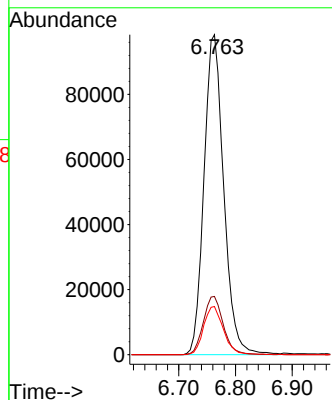
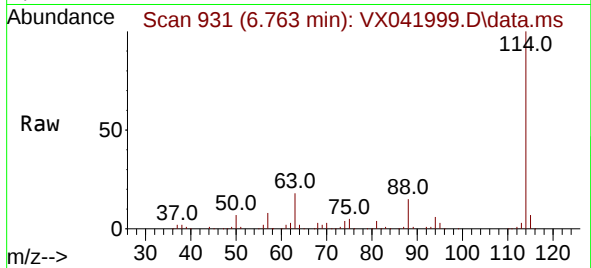




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX041999.D  
Acq: 24 Jun 2024 13:00

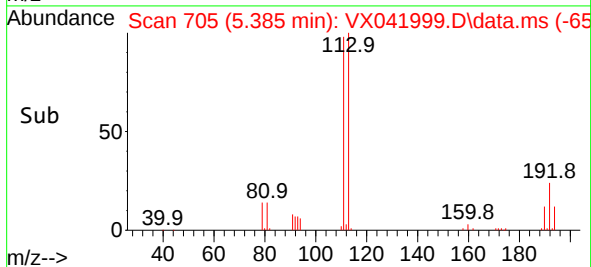
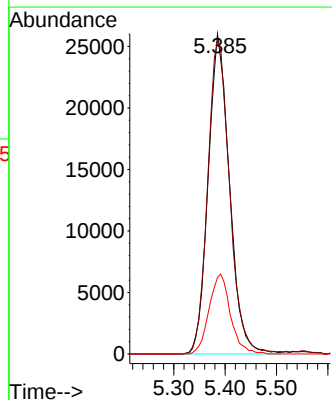
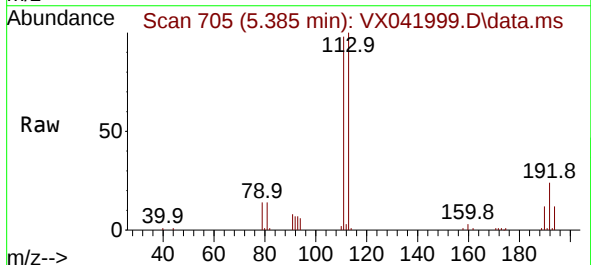
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0624WBL02

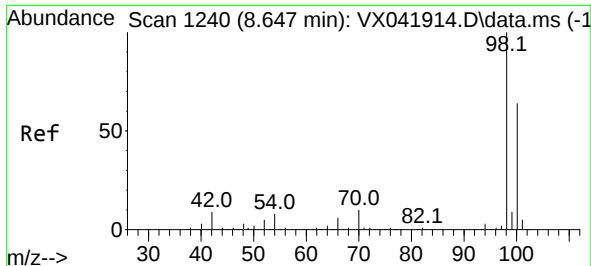
Tgt Ion:114 Resp: 237716  
Ion Ratio Lower Upper  
114 100  
63 18.2 0.0 45.0  
88 15.1 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 44.444 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VX041999.D  
Acq: 24 Jun 2024 13:00

Tgt Ion:113 Resp: 74964  
Ion Ratio Lower Upper  
113 100  
111 100.9 82.9 124.3  
192 25.0 13.3 19.9#

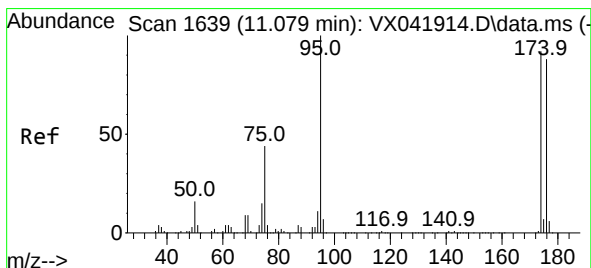
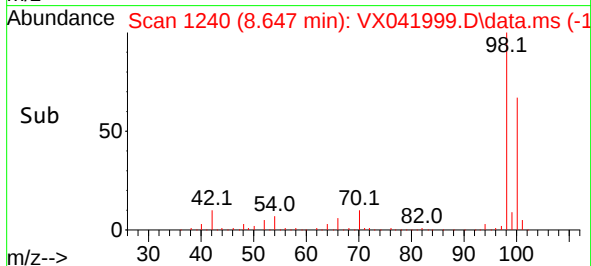
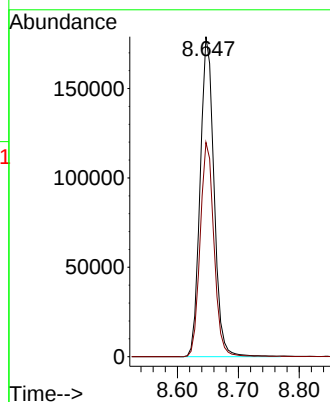
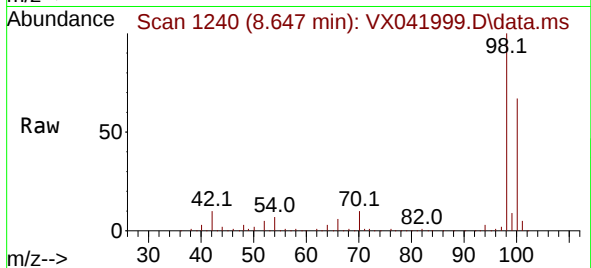




#50  
Toluene-d8  
Concen: 47.661 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX041999.D  
Acq: 24 Jun 2024 13:00

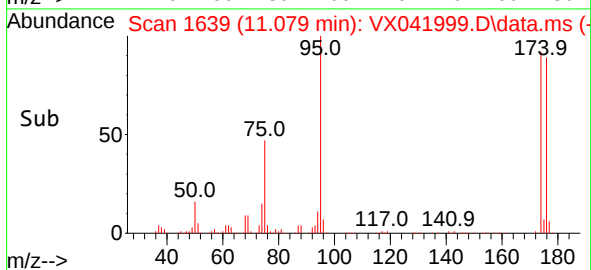
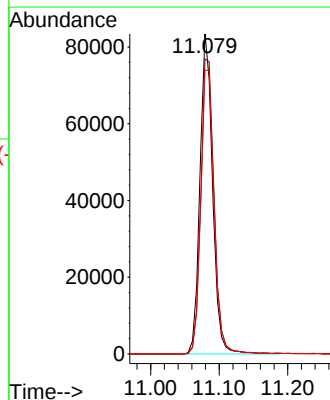
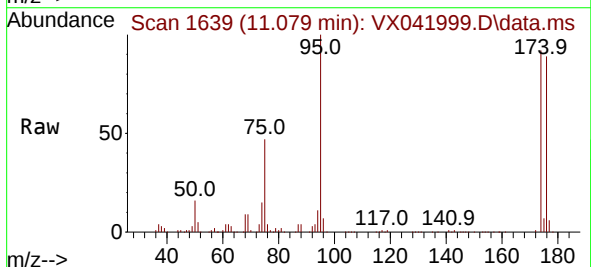
Instrument :  
MSVOA\_X  
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VX0624WBL02

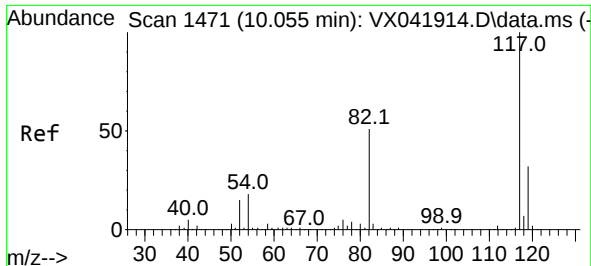
Tgt Ion: 98 Resp: 282419  
Ion Ratio Lower Upper  
98 100  
100 66.9 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 49.120 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX041999.D  
Acq: 24 Jun 2024 13:00

Tgt Ion: 95 Resp: 107293  
Ion Ratio Lower Upper  
95 100  
174 97.7 0.0 135.6  
176 93.7 0.0 131.0

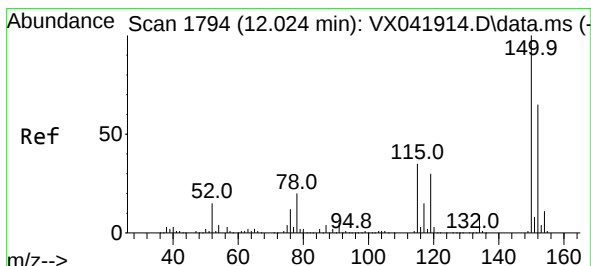
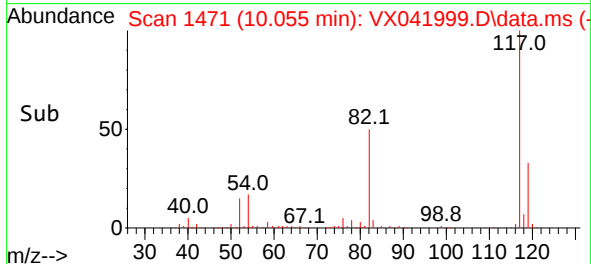
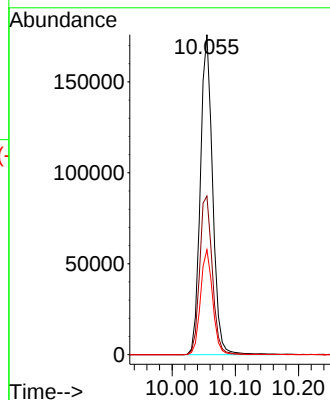
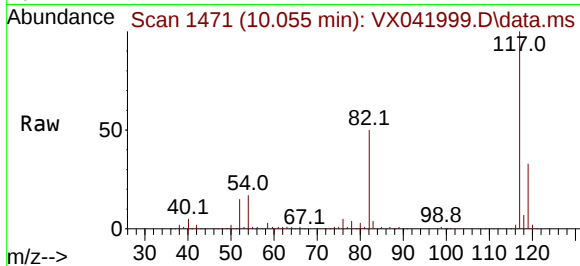




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX041999.D  
Acq: 24 Jun 2024 13:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0624WBL02

Tgt Ion:117 Resp: 237872  
Ion Ratio Lower Upper  
117 100  
82 49.6 46.2 69.4  
119 32.8 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: VX041999.D  
Acq: 24 Jun 2024 13:00

Tgt Ion:152 Resp: 119667  
Ion Ratio Lower Upper  
152 100  
115 54.2 43.3 129.9  
150 156.5 0.0 345.0

