

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061424\  
 Data File : VX041884.D  
 Acq On : 14 Jun 2024 17:48  
 Operator : JC/MD  
 Sample : P2893-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TT-TB-20240613

Quant Time: Jun 15 04:14:22 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X061424W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Sat Jun 15 04:02:59 2024  
 Response via : Initial Calibration

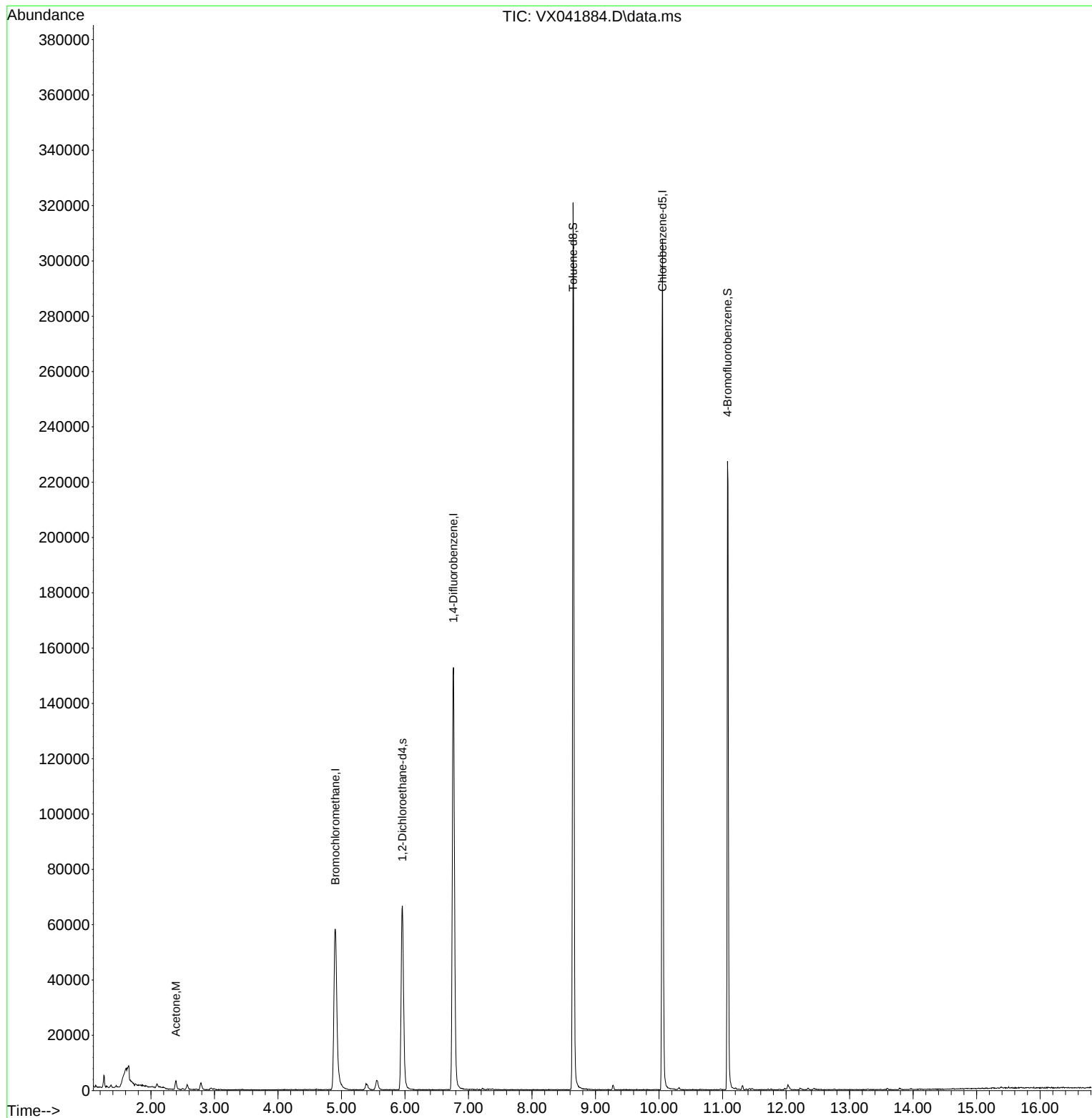
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 4.904  | 128   | 31904    | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene     | 6.763  | 114   | 173192   | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5        | 10.055 | 117   | 154601   | 30.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4   | 5.958  | 65    | 64193    | 29.229   | ug/l   | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 110 | Recovery | =      | 97.433%  |
| 60) 4-Bromofluorobenzene    | 11.079 | 95    | 62848    | 26.262   | ug/l   | 0.00     |
| Spiked Amount               | 30.000 | Range | 63 - 112 | Recovery | =      | 87.533%  |
| 63) Toluene-d8              | 8.647  | 98    | 200027   | 30.241   | ug/l   | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 112 | Recovery | =      | 100.800% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 15) Acetone                 | 2.392  | 58    | 1120     | 3.318    | ug/l   | 94       |
| -----                       |        |       |          |          |        |          |

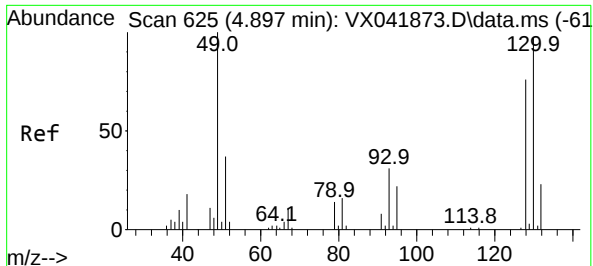
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Sat Jun 15 04:02:59 2024  
Response via : Initial Calibration

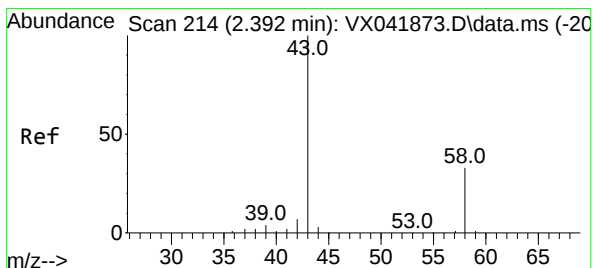
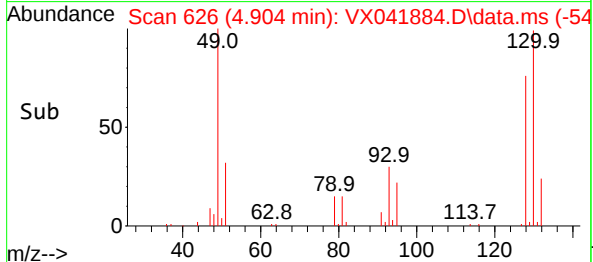
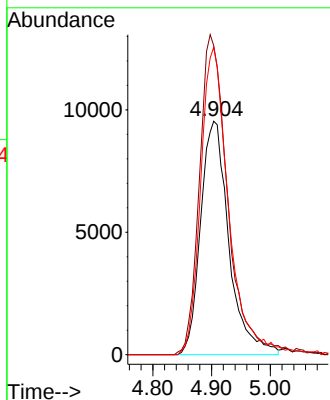
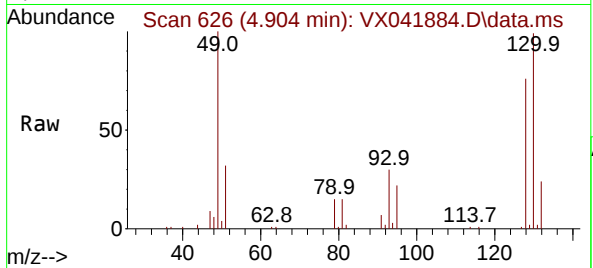




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.904 min Scan# 61  
Delta R.T. 0.007 min  
Lab File: VX041884.D  
Acq: 14 Jun 2024 17:48

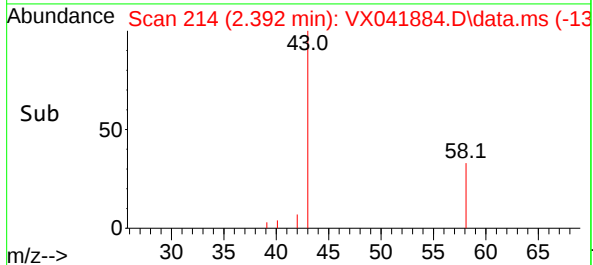
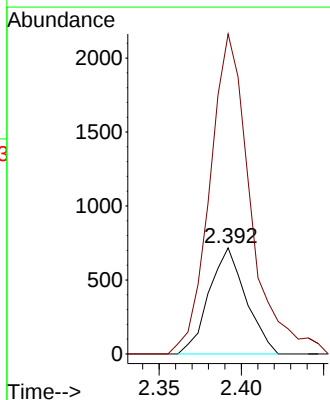
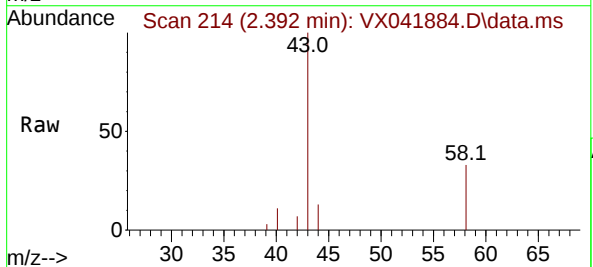
Instrument :  
MSVOA\_X  
ClientSampleId :  
TT-TB-20240613

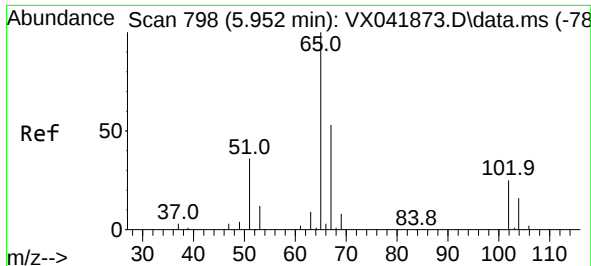
Tgt Ion:128 Resp: 31904  
Ion Ratio Lower Upper  
128 100  
49 134.8 0.0 338.5  
130 129.4 0.0 324.5



#15  
Acetone  
Concen: 3.318 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.000 min  
Lab File: VX041884.D  
Acq: 14 Jun 2024 17:48

Tgt Ion: 58 Resp: 1120  
Ion Ratio Lower Upper  
58 100  
43 292.2 243.4 365.2





#27  
1,2-Dichloroethane-d4  
Concen: 29.229 ug/l  
RT: 5.958 min Scan# 798  
Delta R.T. 0.006 min  
Lab File: VX041884.D  
Acq: 14 Jun 2024 17:48

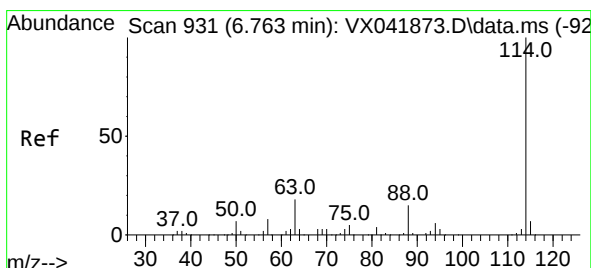
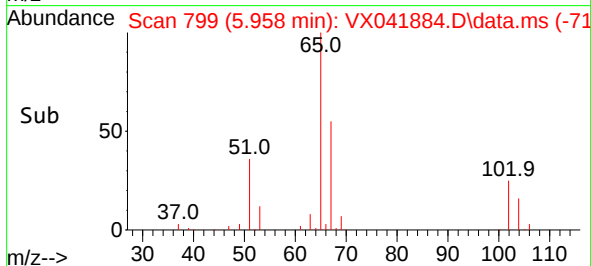
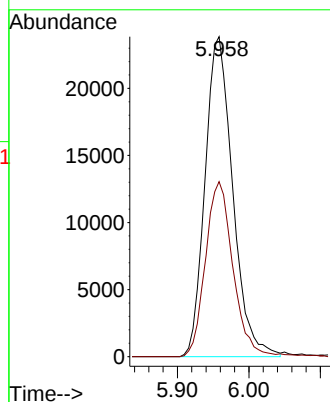
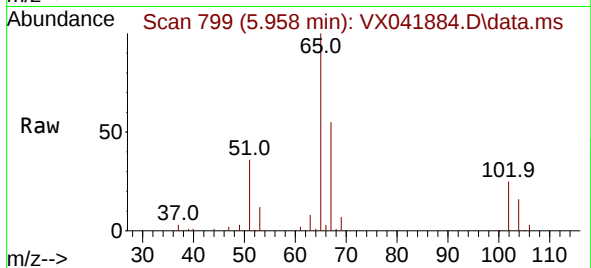
Instrument :

MSVOA\_X

ClientSampleId :

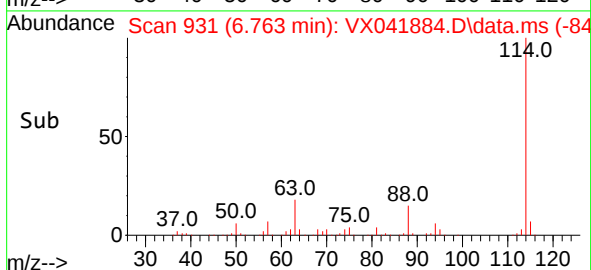
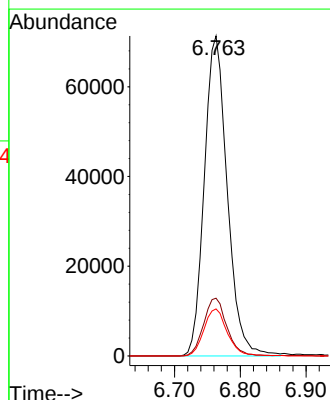
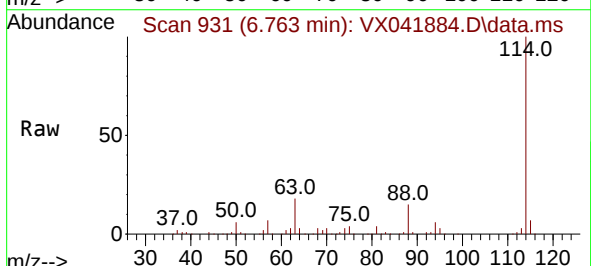
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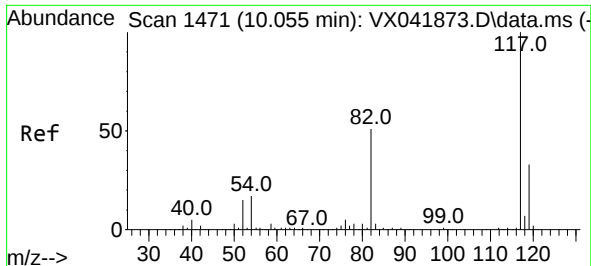
Tgt Ion: 65 Resp: 64193  
Ion Ratio Lower Upper  
65 100  
67 54.0 43.4 65.0



#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 6.763 min Scan# 931  
Delta R.T. 0.000 min  
Lab File: VX041884.D  
Acq: 14 Jun 2024 17:48

Tgt Ion: 114 Resp: 173192  
Ion Ratio Lower Upper  
114 100  
63 18.1 14.6 21.8  
88 14.9 11.8 17.8

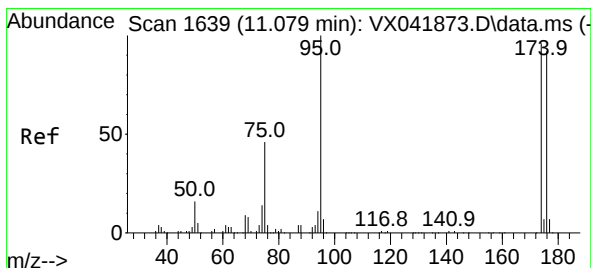
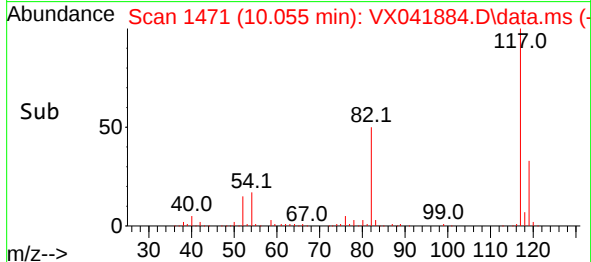
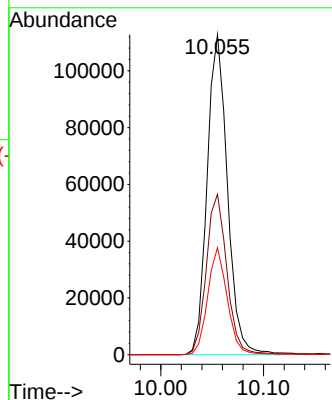
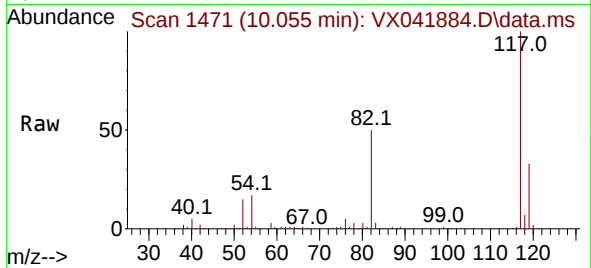




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX041884.D  
Acq: 14 Jun 2024 17:48

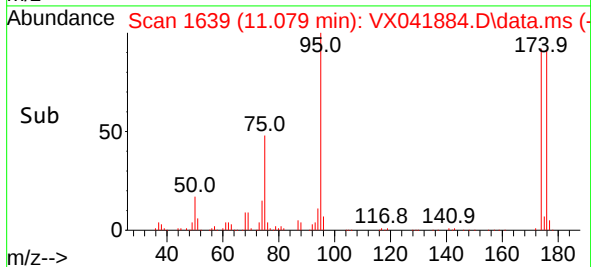
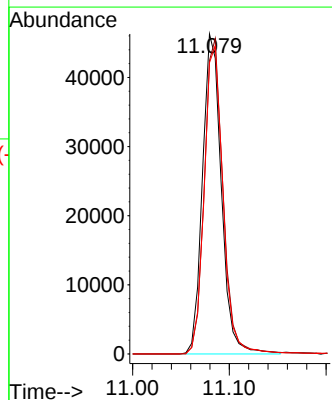
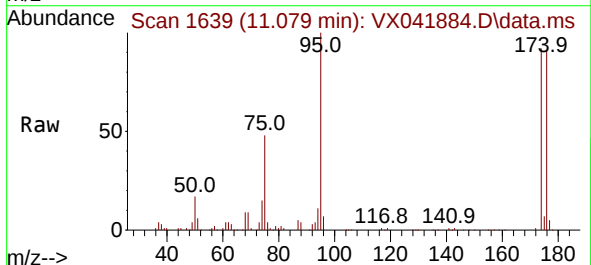
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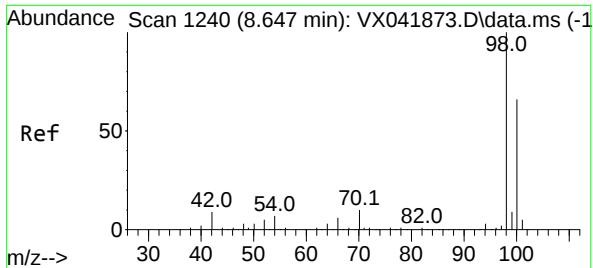
Tgt Ion:117 Resp: 154601  
Ion Ratio Lower Upper  
117 100  
82 50.9 41.1 61.7  
119 32.3 26.1 39.1



#60  
4-Bromofluorobenzene  
Concen: 26.262 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX041884.D  
Acq: 14 Jun 2024 17:48

Tgt Ion: 95 Resp: 62848  
Ion Ratio Lower Upper  
95 100  
174 98.0 78.9 118.3  
176 96.1 77.1 115.7





#63  
Toluene-d8  
Concen: 30.241 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX041884.D  
Acq: 14 Jun 2024 17:48

Instrument :  
MSVOA\_X  
ClientSampleId :  
TT-TB-20240613

Tgt Ion: 98 Resp: 200027  
Ion Ratio Lower Upper  
98 100  
100 67.0 52.7 79.1

