

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112723\  
 Data File : VX039037.D  
 Acq On : 27 Nov 2023 13:32  
 Operator : JC/MD  
 Sample : 05525-01RE  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TWP10RE

Quant Time: Nov 28 01:12:36 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X112423W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Mon Nov 27 03:22:25 2023  
 Response via : Initial Calibration

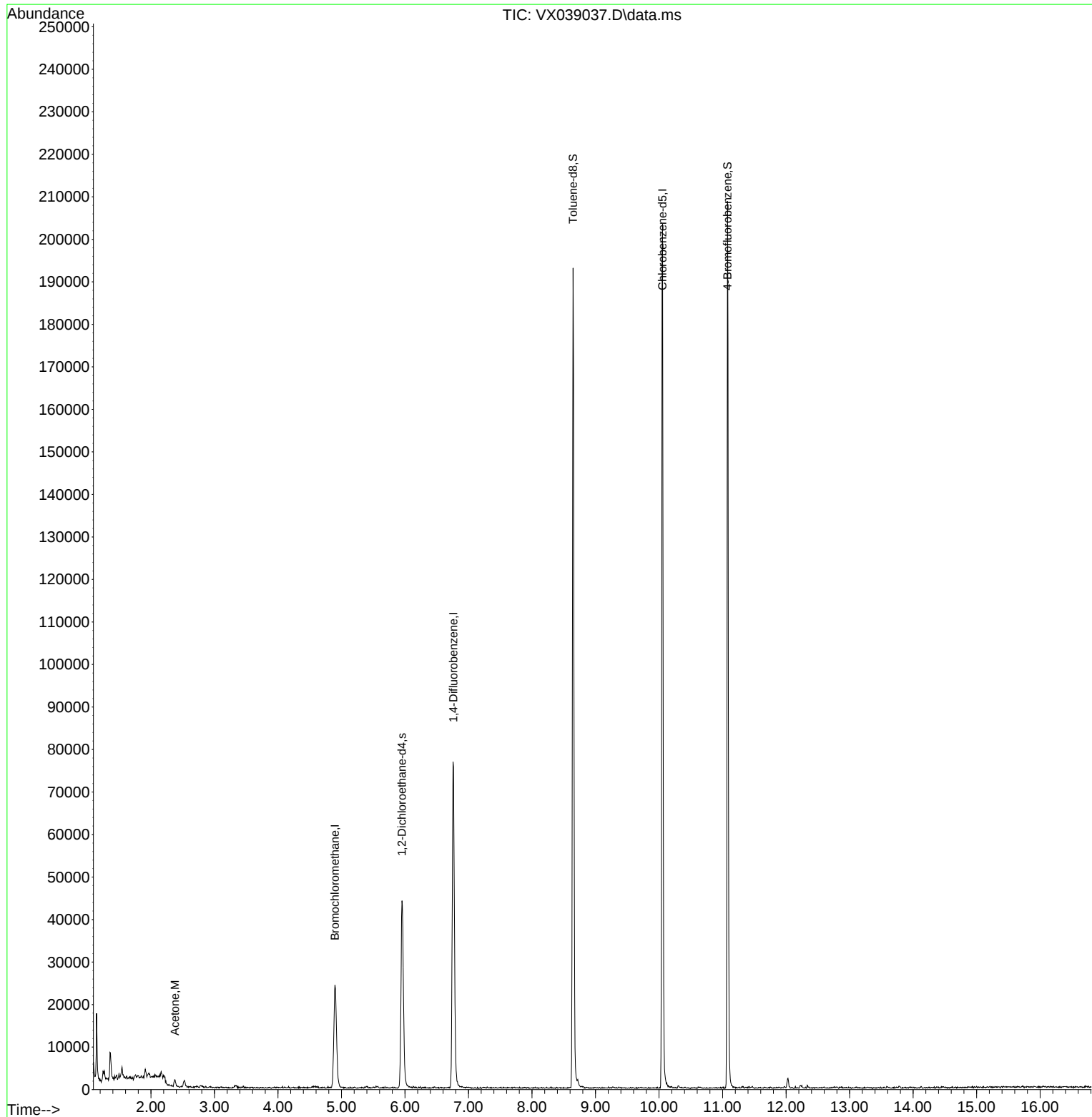
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|--------|-----------|
| -----                       |        |       |          |          |        |           |
| Internal Standards          |        |       |          |          |        |           |
| 1) Bromochloromethane       | 4.897  | 128   | 9261     | 30.000   | ug/l   | 0.00      |
| 28) 1,4-Difluorobenzene     | 6.763  | 114   | 75930    | 30.000   | ug/l   | 0.00      |
| 57) Chlorobenzene-d5        | 10.055 | 117   | 92266    | 30.000   | ug/l   | 0.00      |
| System Monitoring Compounds |        |       |          |          |        |           |
| 27) 1,2-Dichloroethane-d4   | 5.952  | 65    | 42135    | 33.257   | ug/l   | 0.00      |
| Spiked Amount               | 30.000 | Range | 91 - 110 | Recovery | =      | 110.867%# |
| 60) 4-Bromofluorobenzene    | 11.079 | 95    | 57226    | 28.396   | ug/l   | 0.00      |
| Spiked Amount               | 30.000 | Range | 63 - 112 | Recovery | =      | 94.667%   |
| 63) Toluene-d8              | 8.647  | 98    | 114005   | 31.252   | ug/l   | 0.00      |
| Spiked Amount               | 30.000 | Range | 91 - 112 | Recovery | =      | 104.167%  |
| Target Compounds            |        |       |          |          |        |           |
|                             |        |       |          |          | Qvalue |           |
| 15) Acetone                 | 2.379  | 58    | 492      | 1.409    | ug/l # | 62        |
| -----                       |        |       |          |          |        |           |

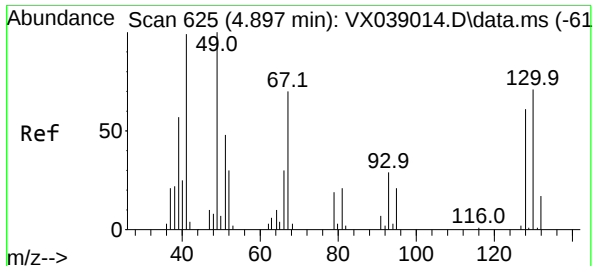
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Mon Nov 27 03:22:25 2023  
Response via : Initial Calibration

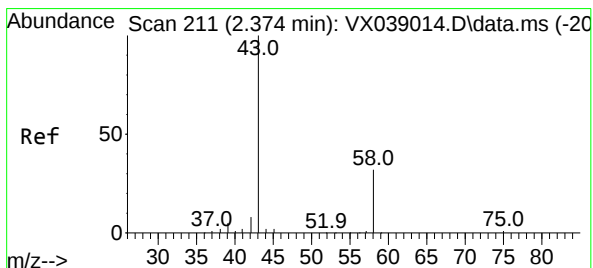
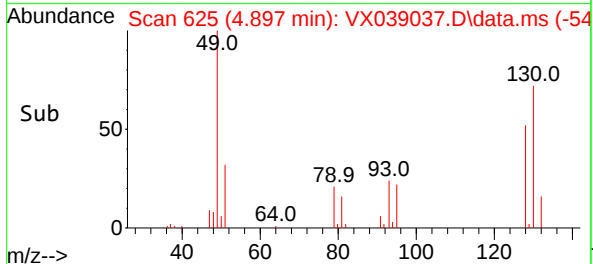
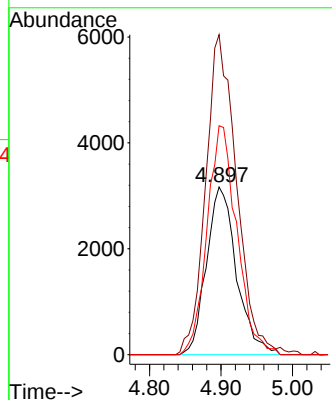
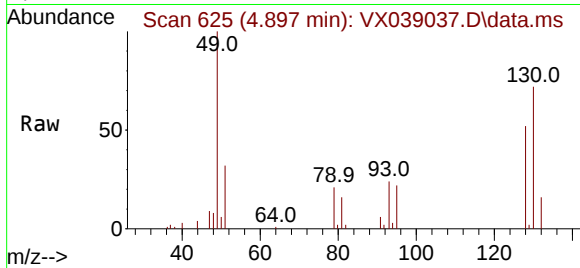




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.897 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX039037.D  
Acq: 27 Nov 2023 13:32

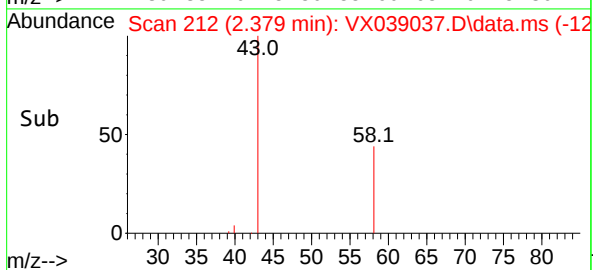
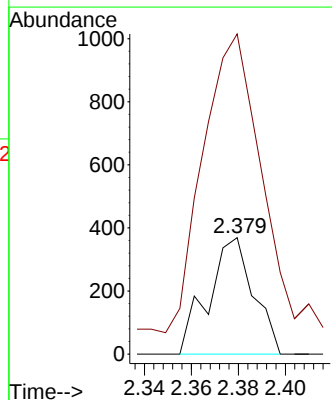
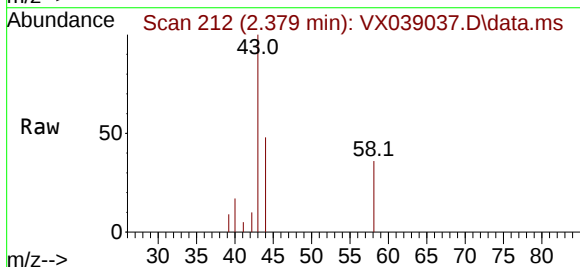
Instrument :  
MSVOA\_X  
ClientSampleId :  
TWP10RE

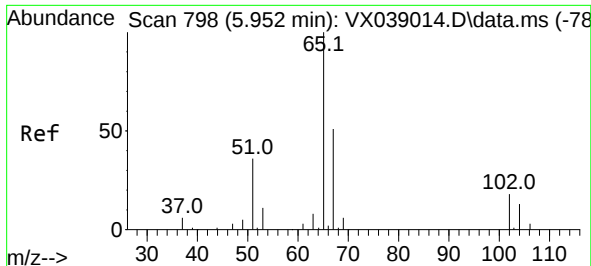
Tgt Ion:128 Resp: 9261  
Ion Ratio Lower Upper  
128 100  
49 196.2 0.0 444.0  
130 135.0 0.0 297.8



#15  
Acetone  
Concen: 1.409 ug/l  
RT: 2.379 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VX039037.D  
Acq: 27 Nov 2023 13:32

Tgt Ion: 58 Resp: 492  
Ion Ratio Lower Upper  
58 100  
43 235.8 249.9 374.9#





#27

1,2-Dichloroethane-d4

Concen: 33.257 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX039037.D

Acq: 27 Nov 2023 13:32

Instrument :

MSVOA\_X

ClientSampleId :

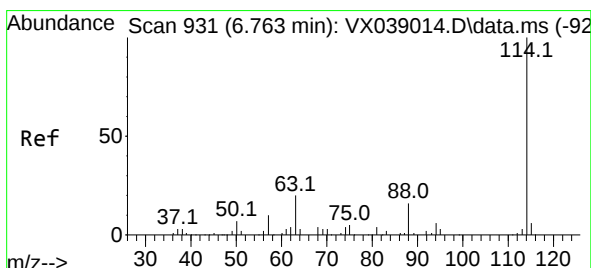
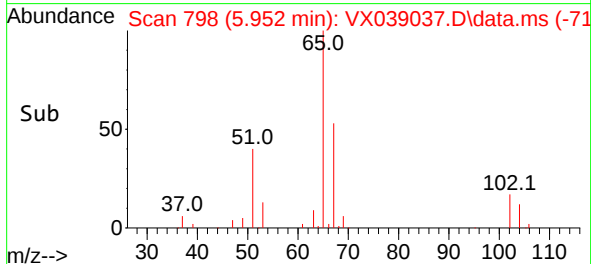
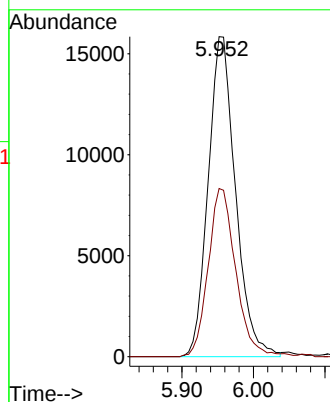
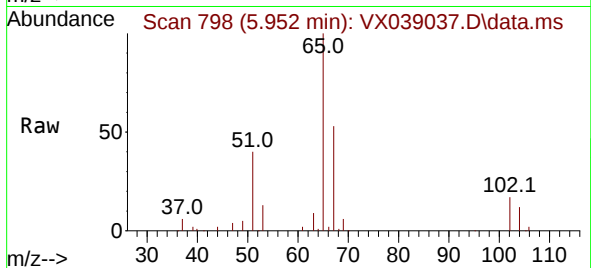
TWP10RE

Tgt Ion: 65 Resp: 42135

Ion Ratio Lower Upper

65 100

67 52.7 42.5 63.7



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX039037.D

Acq: 27 Nov 2023 13:32

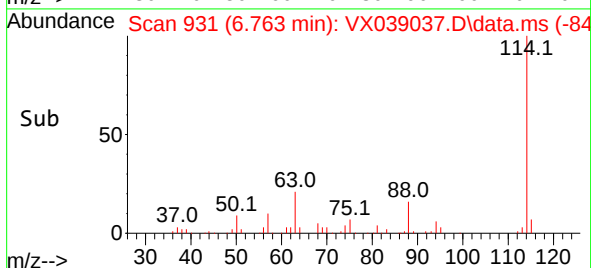
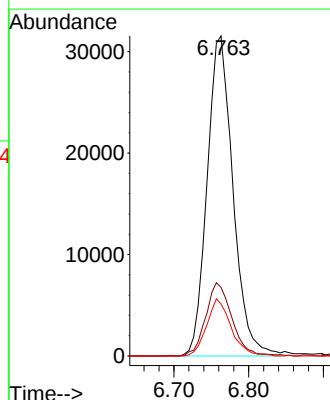
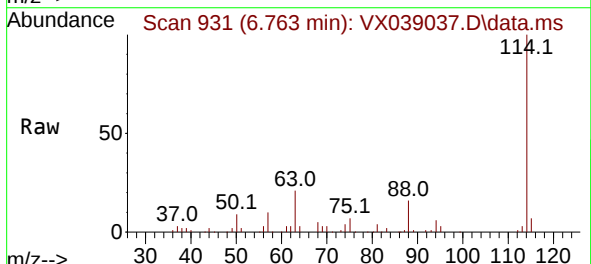
Tgt Ion: 114 Resp: 75930

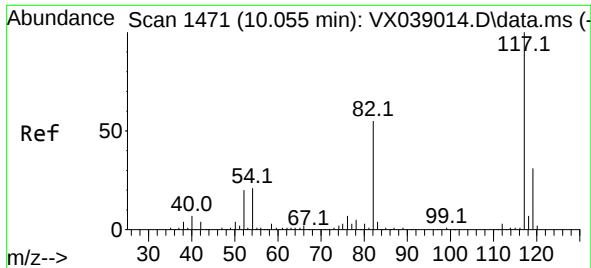
Ion Ratio Lower Upper

114 100

63 22.7 17.0 25.4

88 16.8 12.7 19.1

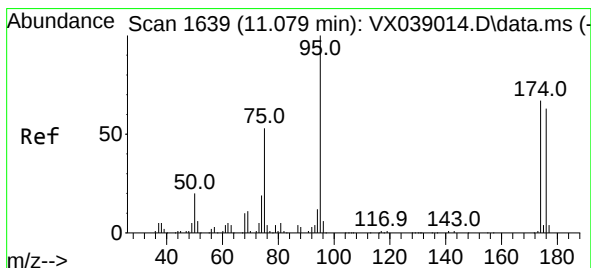
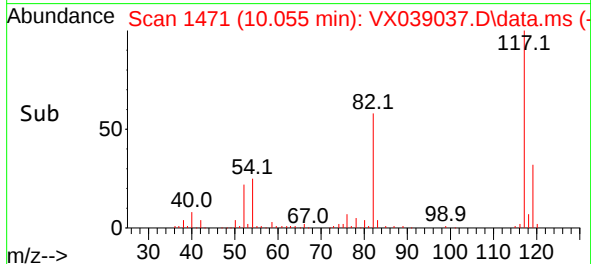
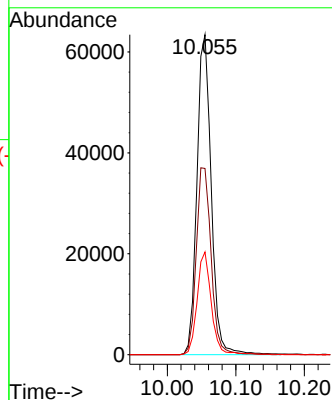
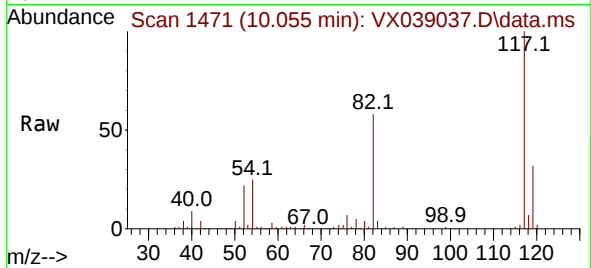




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX039037.D  
Acq: 27 Nov 2023 13:32

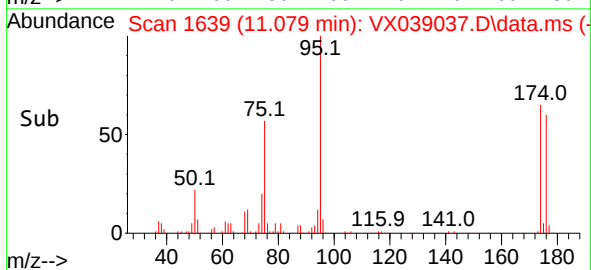
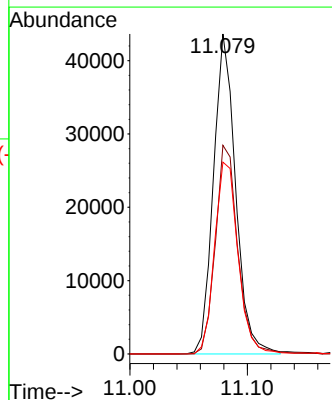
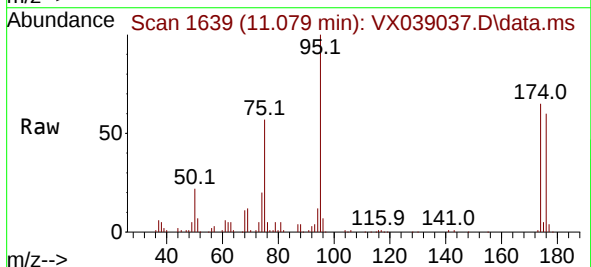
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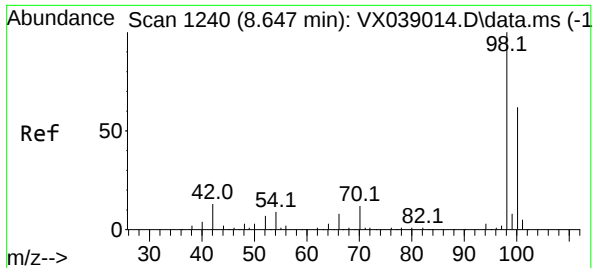
Tgt Ion:117 Resp: 92266  
Ion Ratio Lower Upper  
117 100  
82 60.3 47.0 70.6  
119 31.1 25.2 37.8



#60  
4-Bromofluorobenzene  
Concen: 28.396 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX039037.D  
Acq: 27 Nov 2023 13:32

Tgt Ion: 95 Resp: 57226  
Ion Ratio Lower Upper  
95 100  
174 66.1 55.4 83.2  
176 63.5 52.6 78.8





#63  
Toluene-d8  
Concen: 31.252 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX039037.D  
Acq: 27 Nov 2023 13:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
TWP10RE

Tgt Ion: 98 Resp: 114005  
Ion Ratio Lower Upper  
98 100  
100 63.4 51.0 76.4

