

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110421\  
 Data File : VX025076.D  
 Acq On : 04 Nov 2021 17:44  
 Operator : JC/MD  
 Sample : M4527-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 002-35TH-AVE(NOV)

Quant Time: Nov 07 00:03:34 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X110421W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Nov 03 23:52:56 2021  
 Response via : Initial Calibration

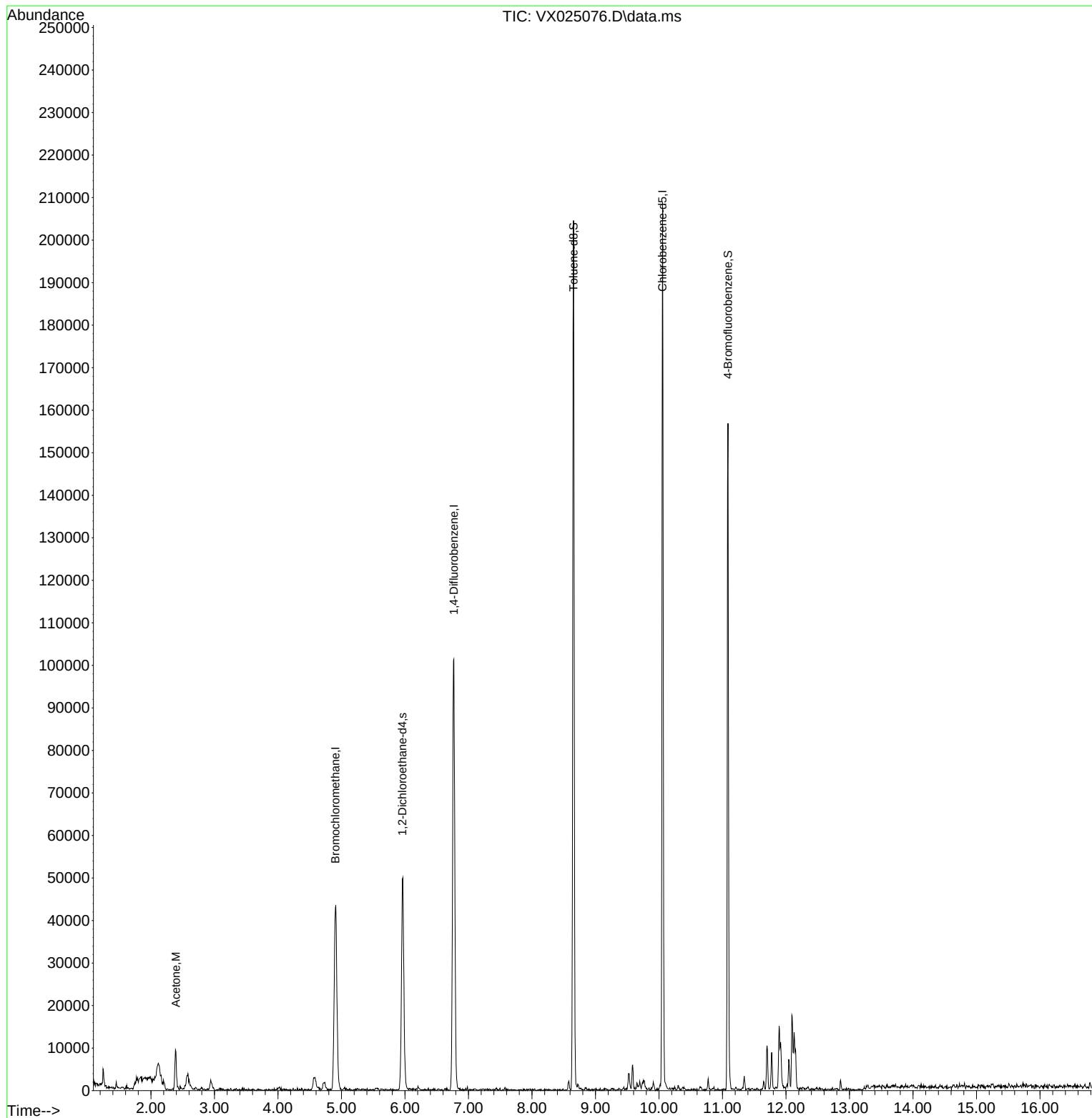
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)     |
|-----------------------------|--------|-------|----------|----------|-------|--------------|
| -----                       |        |       |          |          |       |              |
| Internal Standards          |        |       |          |          |       |              |
| 1) Bromochloromethane       | 4.904  | 128   | 19148    | 30.000   | ug/l  | 0.00         |
| 28) 1,4-Difluorobenzene     | 6.769  | 114   | 100357   | 30.000   | ug/l  | 0.00         |
| 57) Chlorobenzene-d5        | 10.055 | 117   | 89564    | 30.000   | ug/l  | 0.00         |
| System Monitoring Compounds |        |       |          |          |       |              |
| 27) 1,2-Dichloroethane-d4   | 5.958  | 65    | 51534    | 28.200   | ug/l  | 0.00         |
| Spiked Amount               | 30.000 | Range | 91 - 110 | Recovery | =     | 94.000%      |
| 60) 4-Bromofluorobenzene    | 11.086 | 95    | 44897    | 27.474   | ug/l  | 0.00         |
| Spiked Amount               | 30.000 | Range | 63 - 112 | Recovery | =     | 91.567%      |
| 63) Toluene-d8              | 8.653  | 98    | 122300   | 29.565   | ug/l  | 0.00         |
| Spiked Amount               | 30.000 | Range | 91 - 112 | Recovery | =     | 98.567%      |
| Target Compounds            |        |       |          |          |       |              |
| 15) Acetone                 | 2.392  | 58    | 3046     | 17.863   | ug/l  | Qvalue<br>99 |
| -----                       |        |       |          |          |       |              |

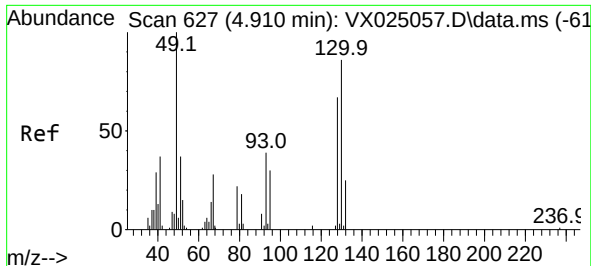
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Wed Nov 03 23:52:56 2021  
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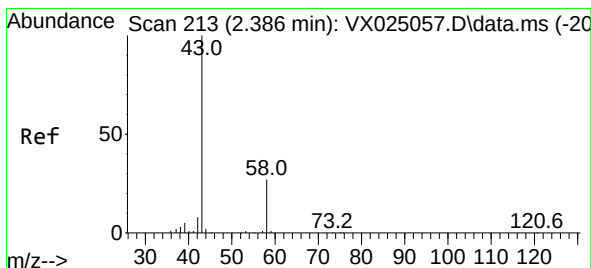
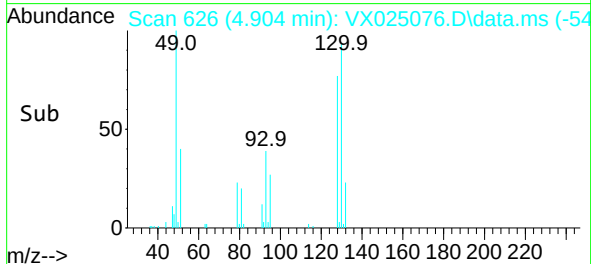
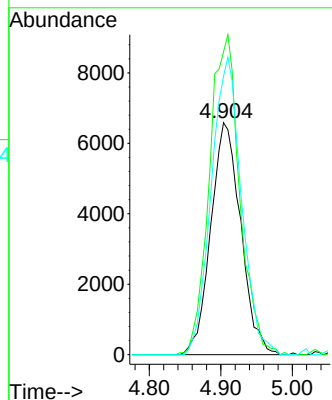
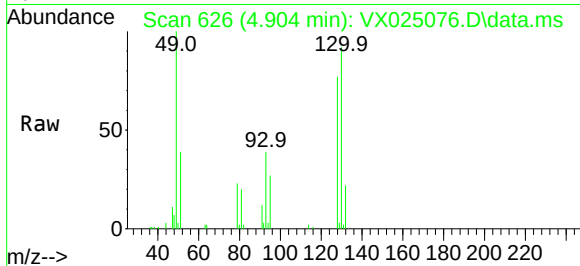




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.904 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX025076.D  
Acq: 04 Nov 2021 17:44

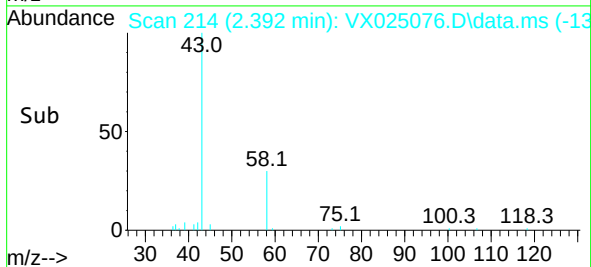
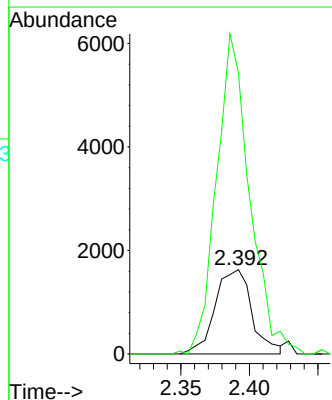
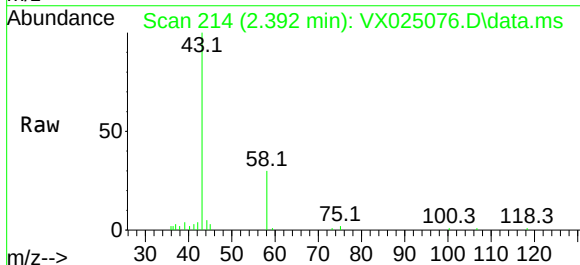
Instrument :  
MSVOA\_X  
ClientSampleId :  
002-35TH-AVE(NOV)

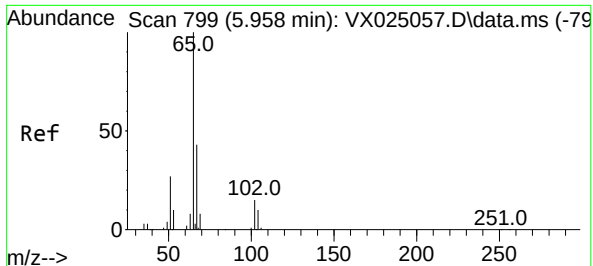
Tgt Ion:128 Resp: 19148  
Ion Ratio Lower Upper  
128 100  
49 139.4 0.0 402.5  
130 129.1 0.0 326.5



#15  
Acetone  
Concen: 17.863 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.006 min  
Lab File: VX025076.D  
Acq: 04 Nov 2021 17:44

Tgt Ion: 58 Resp: 3046  
Ion Ratio Lower Upper  
58 100  
43 330.2 266.6 400.0

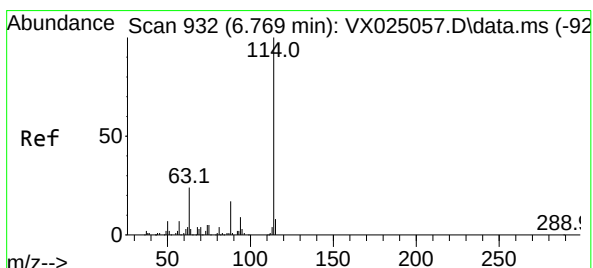
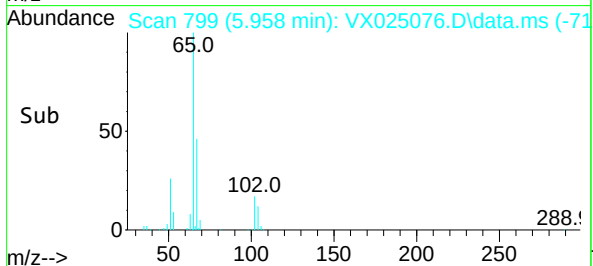
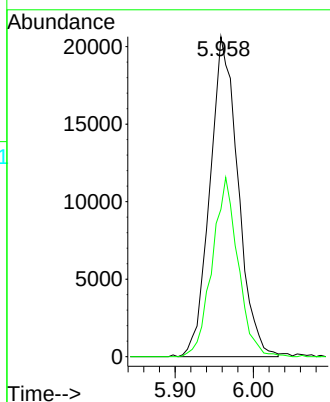
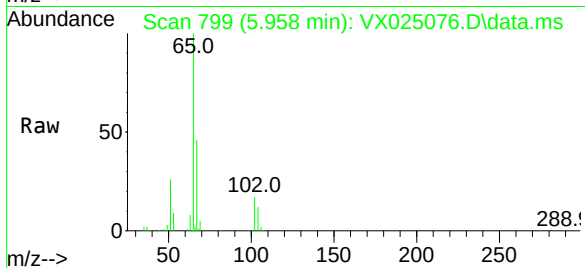




#27  
 1,2-Dichloroethane-d4  
 Concen: 28.200 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. 0.000 min  
 Lab File: VX025076.D  
 Acq: 04 Nov 2021 17:44

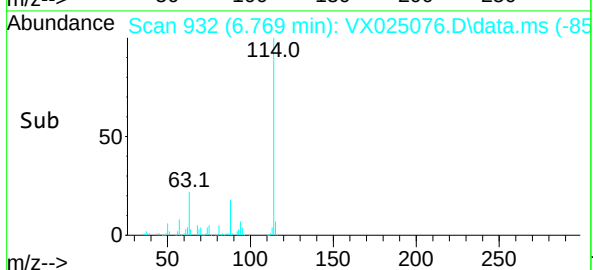
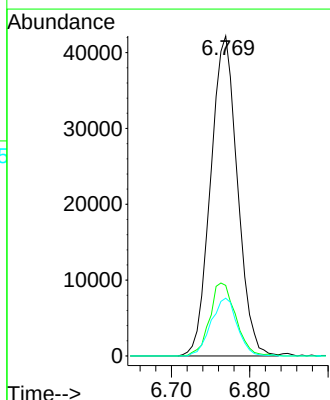
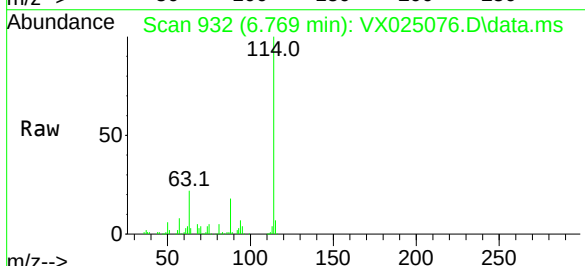
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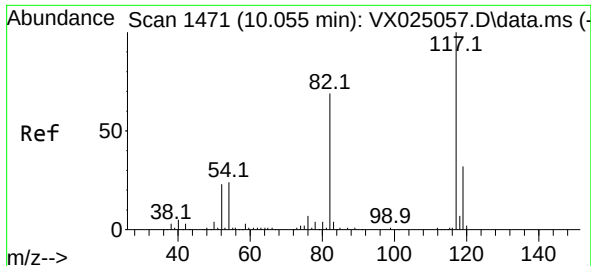
Tgt Ion: 65 Resp: 51534  
 Ion Ratio Lower Upper  
 65 100  
 67 51.2 42.4 63.6



#28  
 1,4-Difluorobenzene  
 Concen: 30.000 ug/l  
 RT: 6.769 min Scan# 932  
 Delta R.T. 0.000 min  
 Lab File: VX025076.D  
 Acq: 04 Nov 2021 17:44

Tgt Ion: 114 Resp: 100357  
 Ion Ratio Lower Upper  
 114 100  
 63 22.0 16.4 24.6  
 88 17.7 12.7 19.1

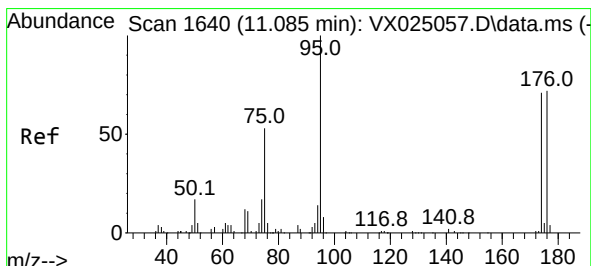
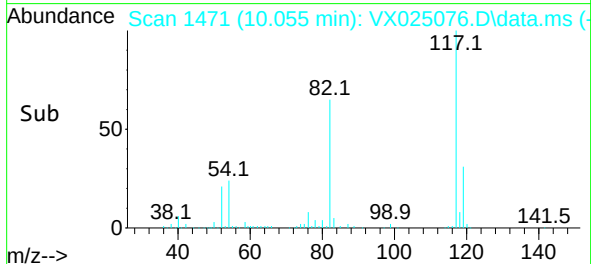
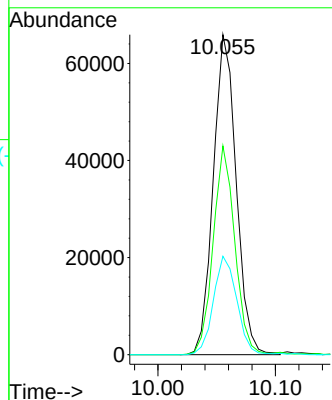
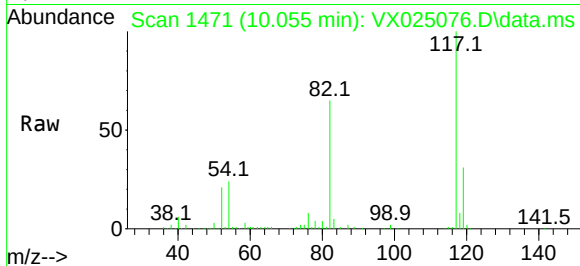




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX025076.D  
Acq: 04 Nov 2021 17:44

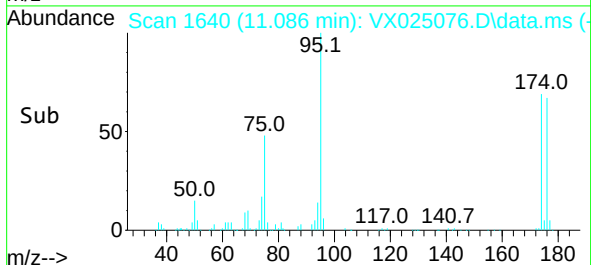
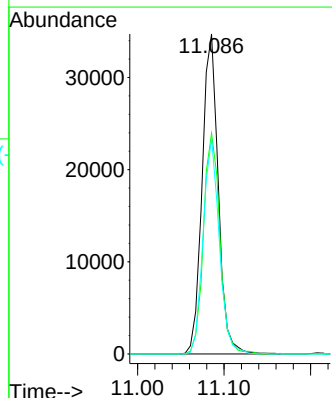
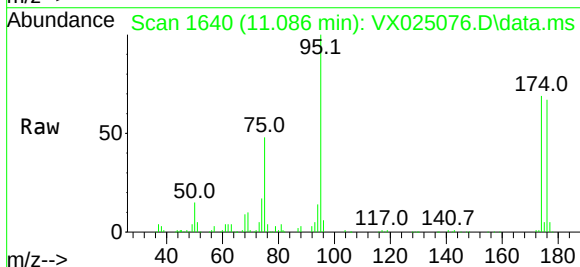
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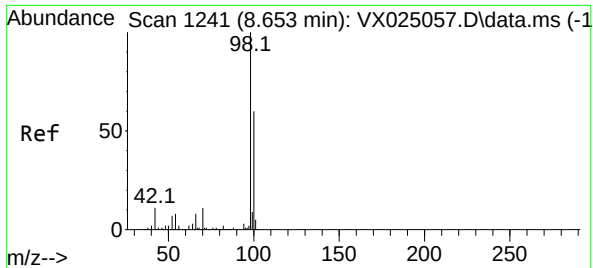
Tgt Ion:117 Resp: 89564  
Ion Ratio Lower Upper  
117 100  
82 61.7 45.0 67.4  
119 31.3 26.2 39.2



#60  
4-Bromofluorobenzene  
Concen: 27.474 ug/l  
RT: 11.086 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX025076.D  
Acq: 04 Nov 2021 17:44

Tgt Ion: 95 Resp: 44897  
Ion Ratio Lower Upper  
95 100  
174 70.0 63.5 95.3  
176 67.3 63.0 94.4





#63  
Toluene-d8  
Concen: 29.565 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX025076.D  
Acq: 04 Nov 2021 17:44

Instrument :  
MSVOA\_X  
ClientSampleId :  
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Tgt Ion: 98 Resp: 122300  
Ion Ratio Lower Upper  
98 100  
100 61.1 51.4 77.0

