

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061424\  
 Data File : VX041889.D  
 Acq On : 14 Jun 2024 19:44  
 Operator : JC/MD  
 Sample : P2866-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 240607004-03-TB

Quant Time: Jun 15 04:16:05 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

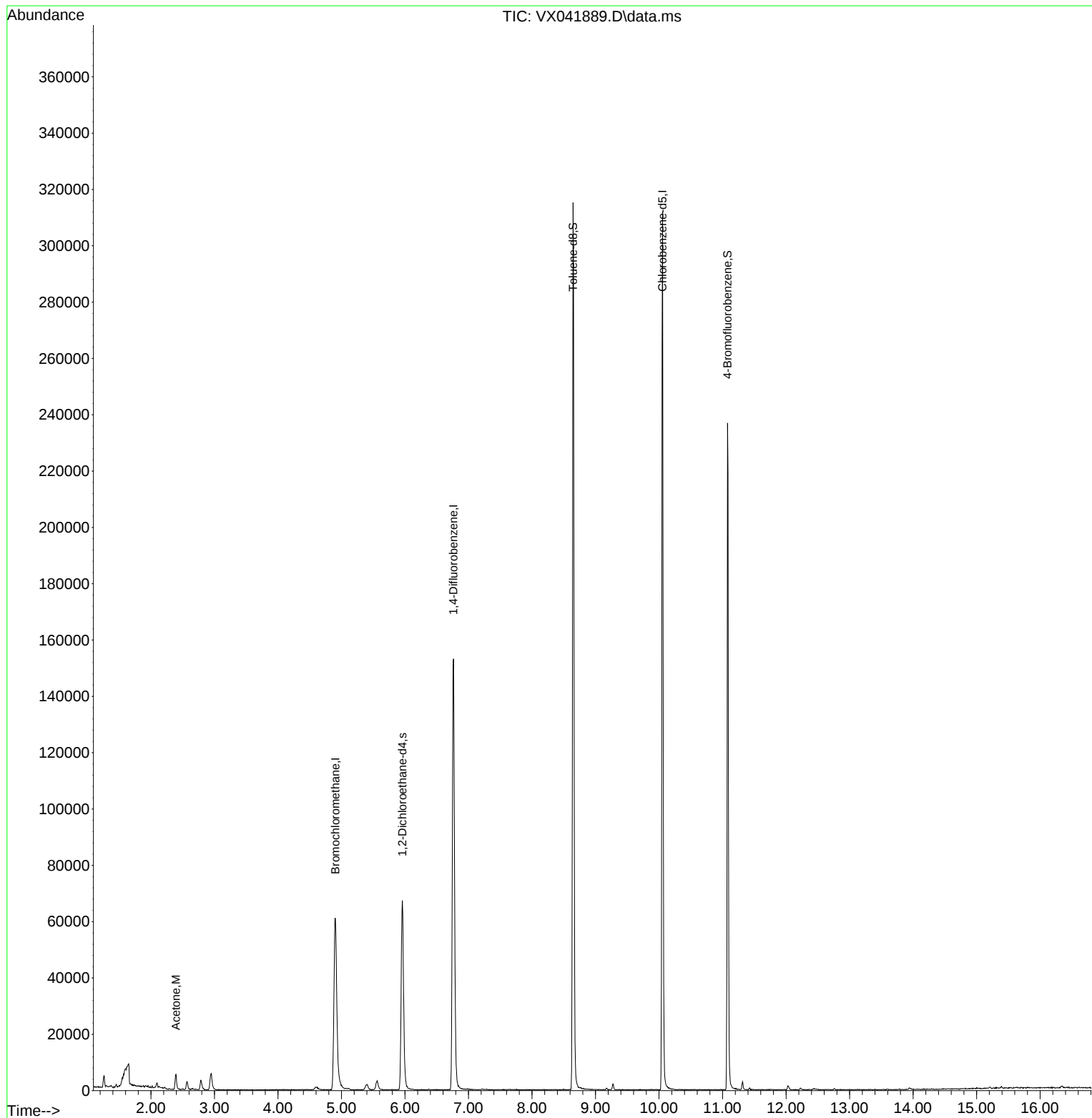
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)     |
|-----------------------------|--------|-------|----------|----------|-------|--------------|
| -----                       |        |       |          |          |       |              |
| Internal Standards          |        |       |          |          |       |              |
| 1) Bromochloromethane       | 4.904  | 128   | 32301    | 30.000   | ug/l  | 0.00         |
| 28) 1,4-Difluorobenzene     | 6.763  | 114   | 171615   | 30.000   | ug/l  | 0.00         |
| 57) Chlorobenzene-d5        | 10.055 | 117   | 154107   | 30.000   | ug/l  | 0.00         |
| System Monitoring Compounds |        |       |          |          |       |              |
| 27) 1,2-Dichloroethane-d4   | 5.958  | 65    | 63396    | 28.511   | ug/l  | 0.00         |
| Spiked Amount               | 30.000 | Range | 91 - 110 | Recovery | =     | 95.033%      |
| 60) 4-Bromofluorobenzene    | 11.079 | 95    | 63628    | 26.673   | ug/l  | 0.00         |
| Spiked Amount               | 30.000 | Range | 63 - 112 | Recovery | =     | 88.900%      |
| 63) Toluene-d8              | 8.647  | 98    | 197418   | 29.942   | ug/l  | 0.00         |
| Spiked Amount               | 30.000 | Range | 91 - 112 | Recovery | =     | 99.800%      |
| Target Compounds            |        |       |          |          |       |              |
| 15) Acetone                 | 2.392  | 58    | 2014     | 5.894    | ug/l  | Qvalue<br>95 |
| -----                       |        |       |          |          |       |              |

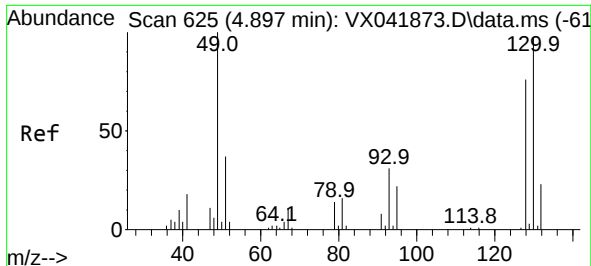
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_X  
ClientSampleId :  
240607004-03-TB

Quant Time: Jun 15 04:16:05 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

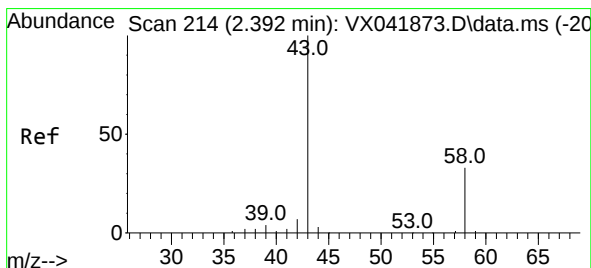
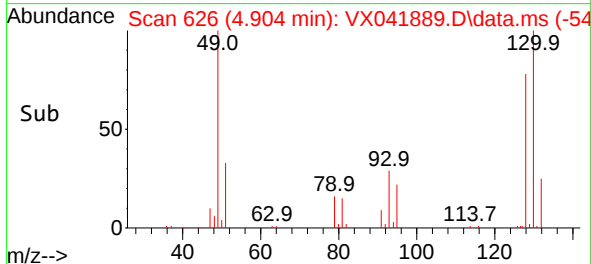
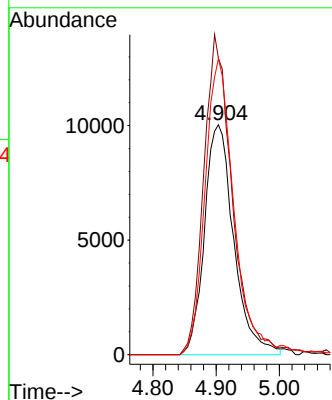
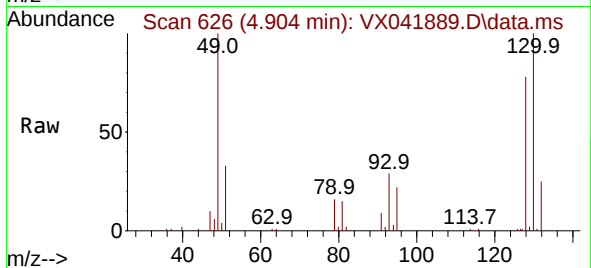




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.904 min Scan# 61  
Delta R.T. 0.007 min  
Lab File: VX041889.D  
Acq: 14 Jun 2024 19:44

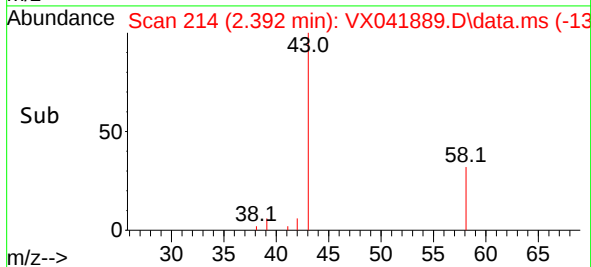
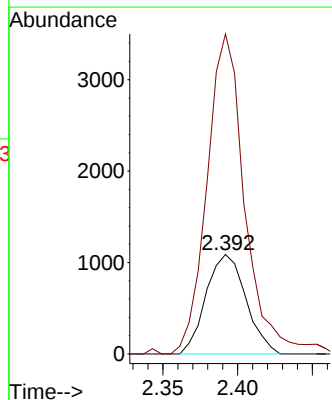
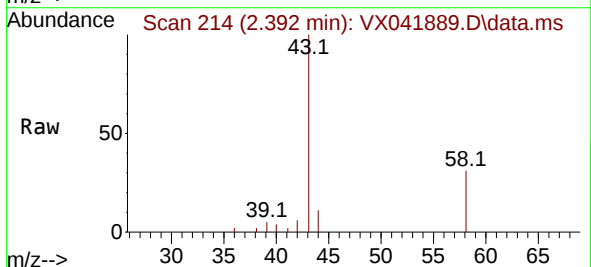
Instrument :  
MSVOA\_X  
ClientSampleId :  
240607004-03-TB

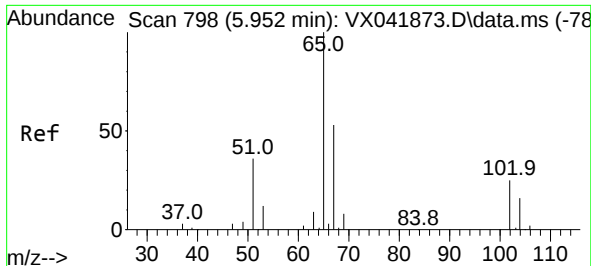
Tgt Ion:128 Resp: 32301  
Ion Ratio Lower Upper  
128 100  
49 131.8 0.0 338.5  
130 125.9 0.0 324.5



#15  
Acetone  
Concen: 5.894 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.000 min  
Lab File: VX041889.D  
Acq: 14 Jun 2024 19:44

Tgt Ion: 58 Resp: 2014  
Ion Ratio Lower Upper  
58 100  
43 313.9 243.4 365.2

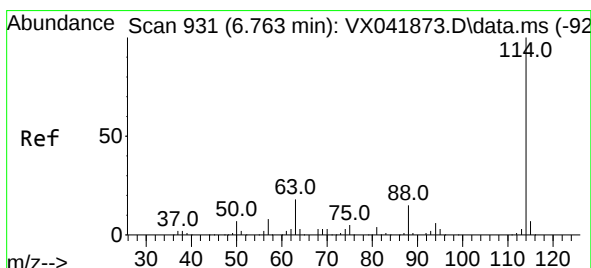
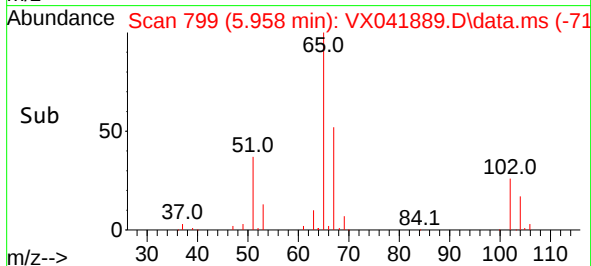
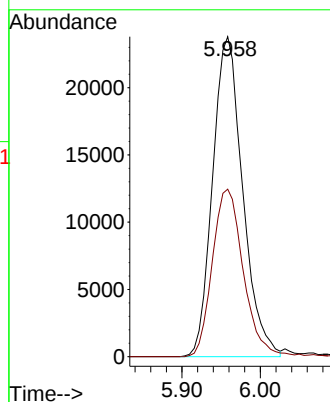
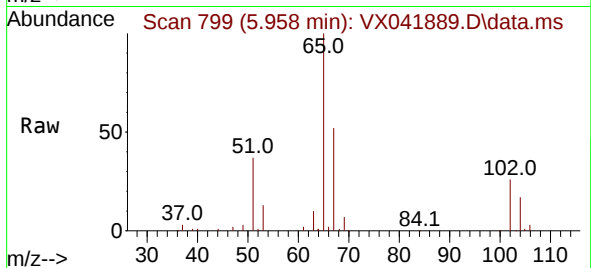




#27  
 1,2-Dichloroethane-d4  
 Concen: 28.511 ug/l  
 RT: 5.958 min Scan# 798  
 Delta R.T. 0.006 min  
 Lab File: VX041889.D  
 Acq: 14 Jun 2024 19:44

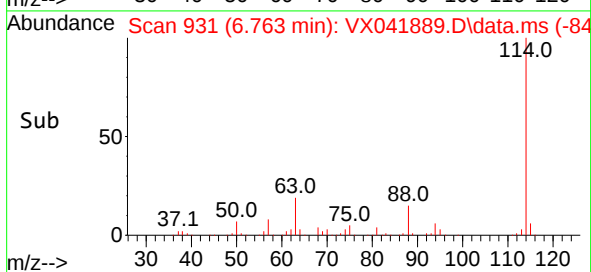
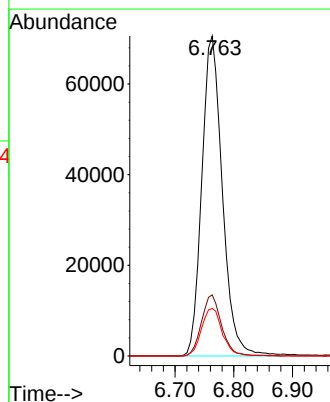
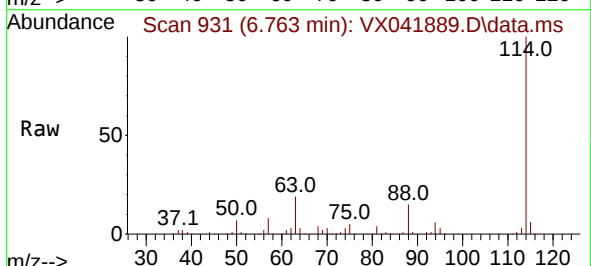
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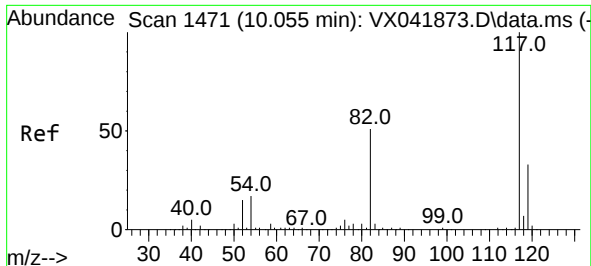
Tgt Ion: 65 Resp: 63396  
 Ion Ratio Lower Upper  
 65 100  
 67 53.8 43.4 65.0



#28  
 1,4-Difluorobenzene  
 Concen: 30.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. 0.000 min  
 Lab File: VX041889.D  
 Acq: 14 Jun 2024 19:44

Tgt Ion: 114 Resp: 171615  
 Ion Ratio Lower Upper  
 114 100  
 63 18.6 14.6 21.8  
 88 15.0 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: VX041889.D

Acq: 14 Jun 2024 19:44

Instrument :

MSVOA\_X

ClientSampleId :

240607004-03-TB

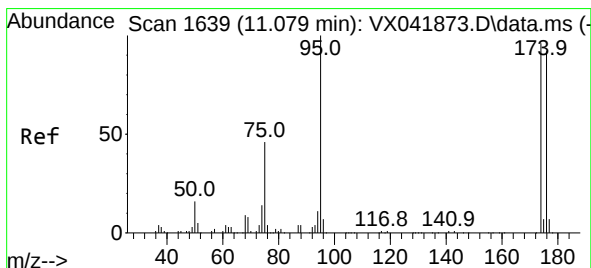
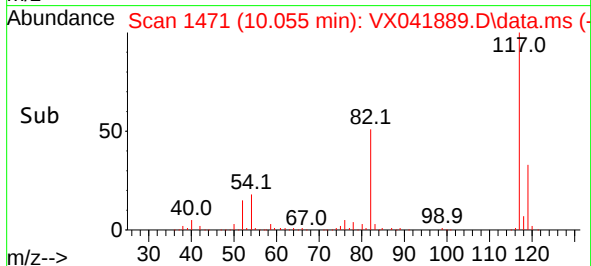
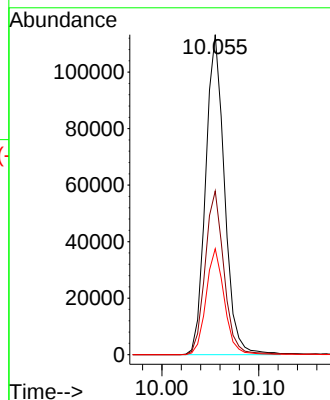
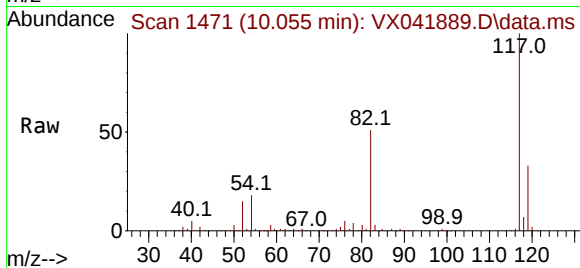
Tgt Ion:117 Resp: 154107

Ion Ratio Lower Upper

117 100

82 51.2 41.1 61.7

119 32.1 26.1 39.1



#60

4-Bromofluorobenzene

Concen: 26.673 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX041889.D

Acq: 14 Jun 2024 19:44

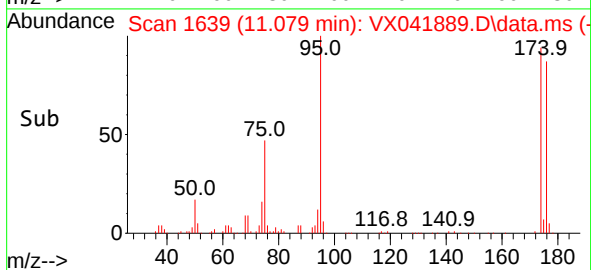
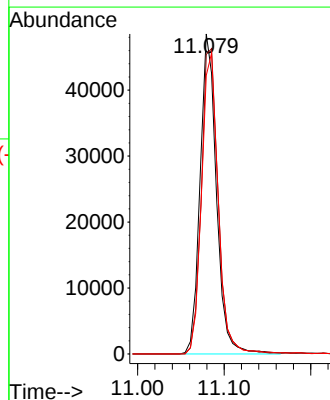
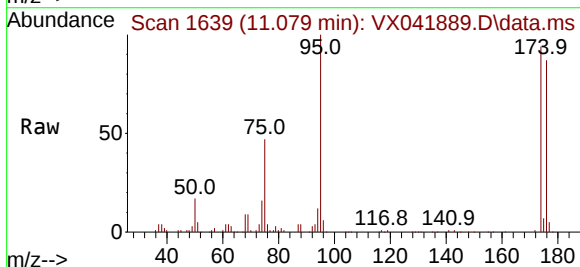
Tgt Ion: 95 Resp: 63628

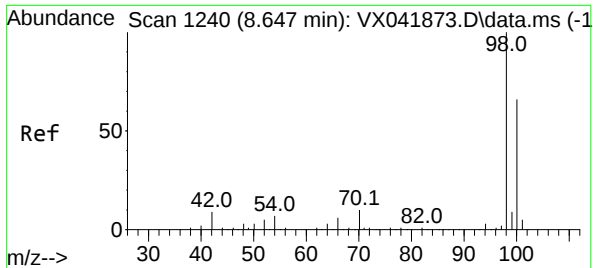
Ion Ratio Lower Upper

95 100

174 97.8 78.9 118.3

176 95.9 77.1 115.7





#63  
Toluene-d8  
Concen: 29.942 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX041889.D  
Acq: 14 Jun 2024 19:44

Instrument :  
MSVOA\_X  
ClientSampleId :  
240607004-03-TB

Tgt Ion: 98 Resp: 197418  
Ion Ratio Lower Upper  
98 100  
100 66.8 52.7 79.1

