

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072723\  
 Data File : VX036682.D  
 Acq On : 27 Jul 2023 17:30  
 Operator : JC/MD  
 Sample : 03810-13  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB-20230727

Quant Time: Jul 28 06:14:53 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072123W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 21 12:14:12 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 122741   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 218599   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 197339   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 85958    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 82928    | 45.662   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 91.320%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 70904    | 47.190   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 94.380%  |
| 50) Toluene-d8              | 8.653  | 98    | 262006   | 49.173   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 98.340%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 95076    | 47.295   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 94.580%  |

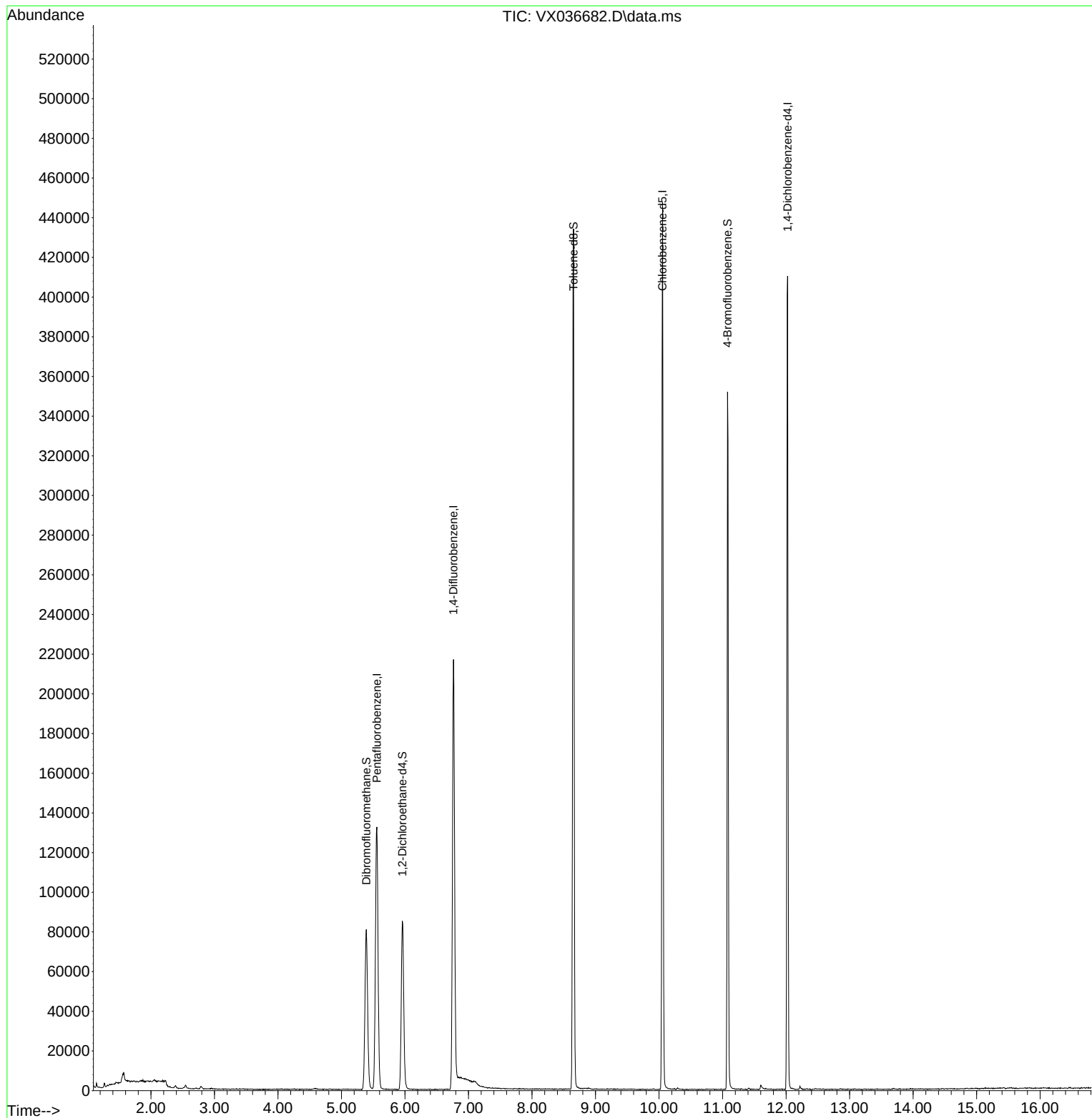
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

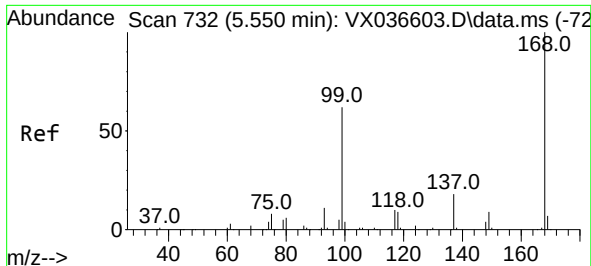
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Fri Jul 21 12:14:12 2023  
Response via : Initial Calibration

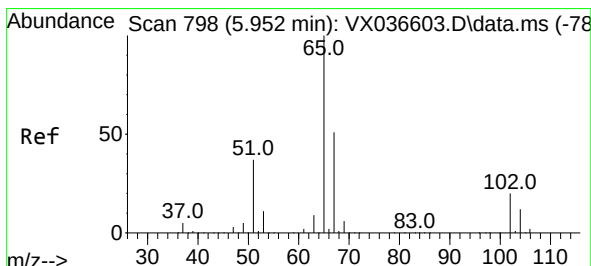
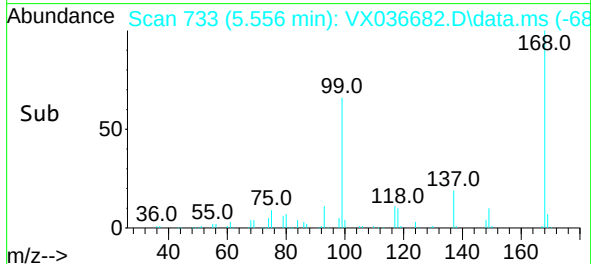
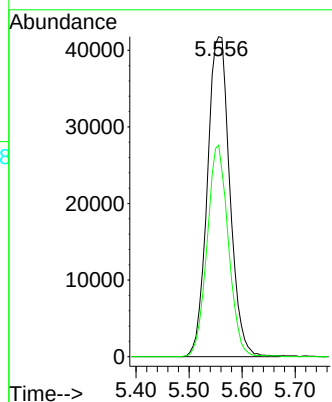
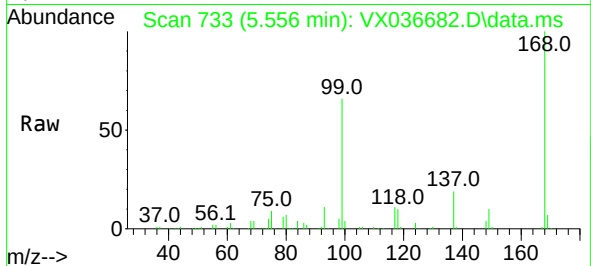




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX036682.D  
Acq: 27 Jul 2023 17:30

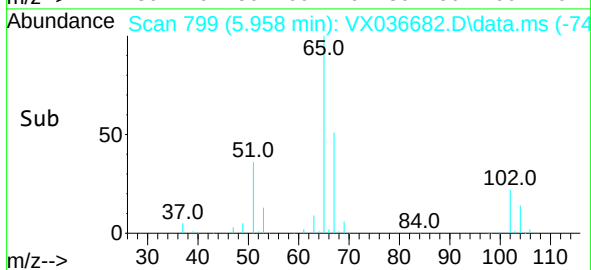
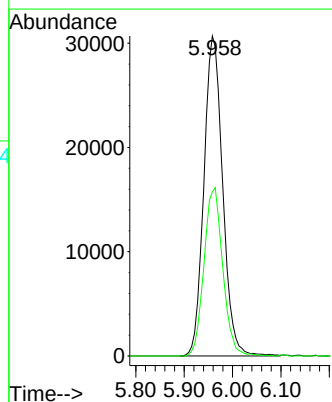
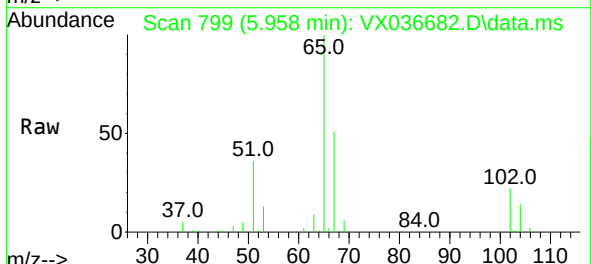
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-20230727

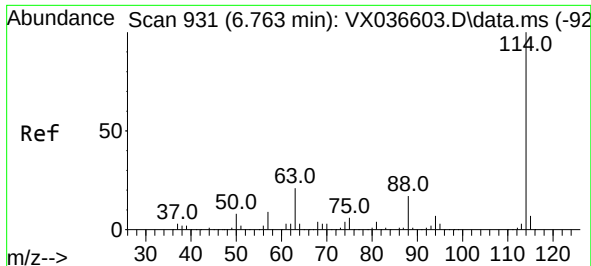
Tgt Ion:168 Resp: 122741  
Ion Ratio Lower Upper  
168 100  
99 66.1 56.6 85.0



#33  
1,2-Dichloroethane-d4  
Concen: 45.662 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX036682.D  
Acq: 27 Jul 2023 17:30

Tgt Ion: 65 Resp: 82928  
Ion Ratio Lower Upper  
65 100  
67 52.5 0.0 100.2

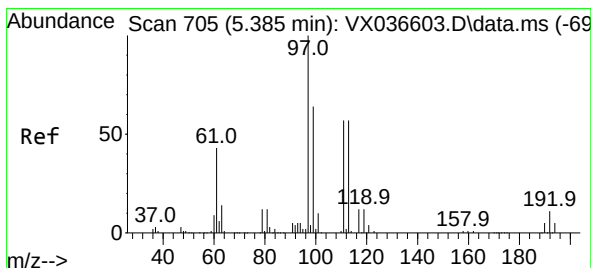
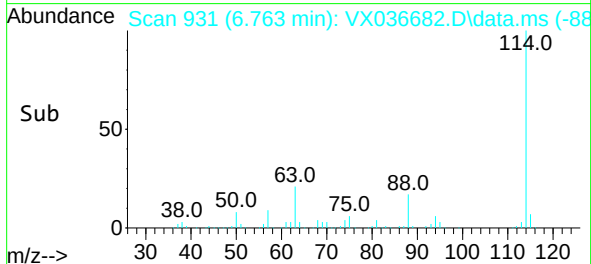
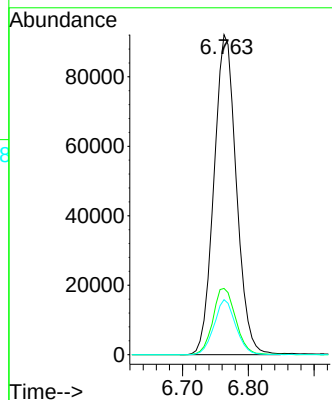
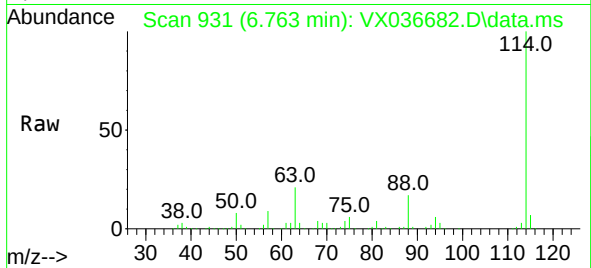




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX036682.D  
Acq: 27 Jul 2023 17:30

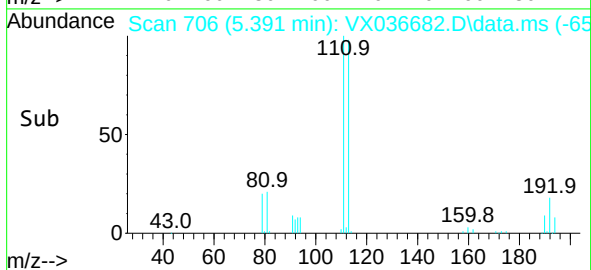
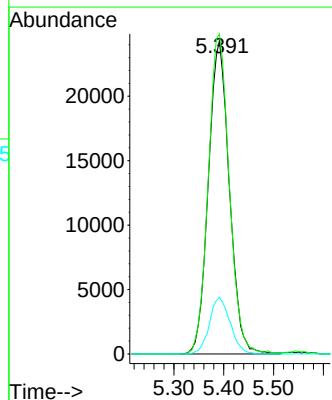
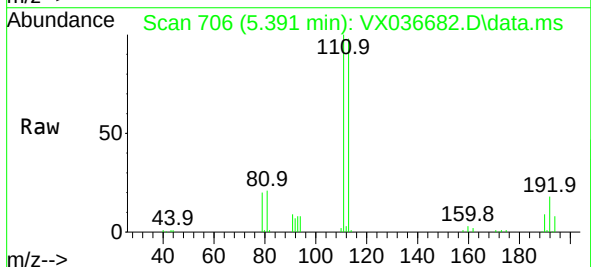
Instrument :  
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ClientSampleId :  
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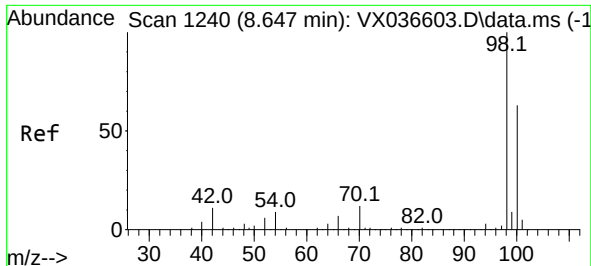
Tgt Ion:114 Resp: 218599  
Ion Ratio Lower Upper  
114 100  
63 20.7 0.0 45.0  
88 17.2 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 47.190 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX036682.D  
Acq: 27 Jul 2023 17:30

Tgt Ion:113 Resp: 70904  
Ion Ratio Lower Upper  
113 100  
111 102.3 82.9 124.3  
192 17.9 13.3 19.9

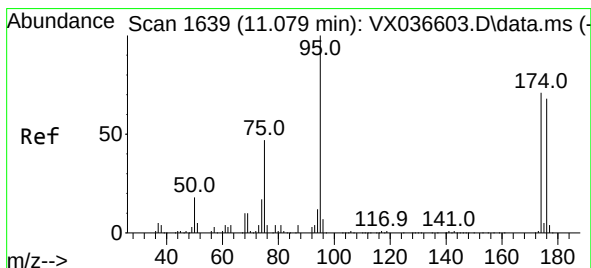
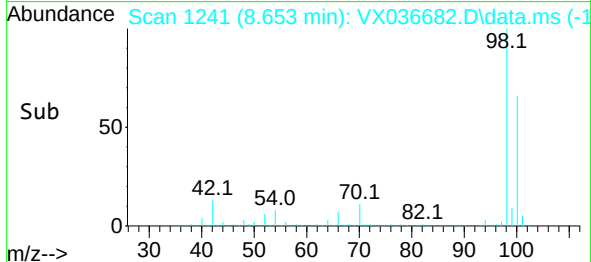
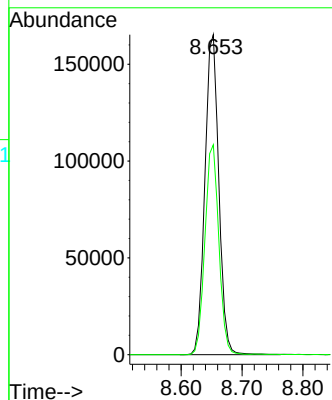
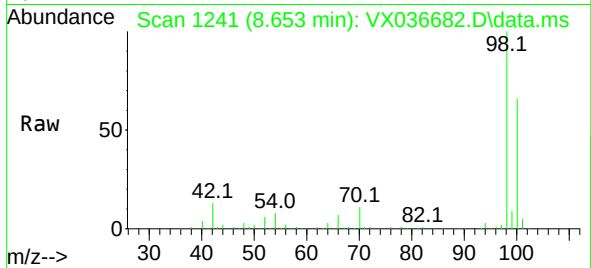




#50  
Toluene-d8  
Concen: 49.173 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX036682.D  
Acq: 27 Jul 2023 17:30

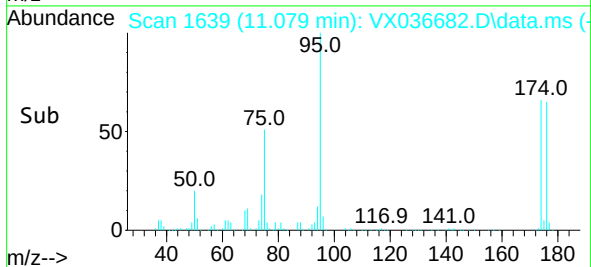
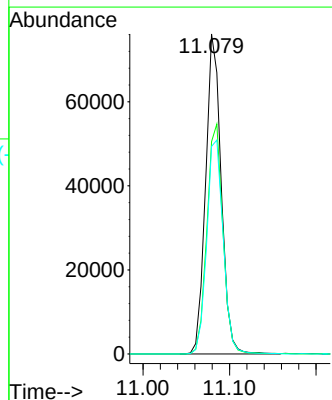
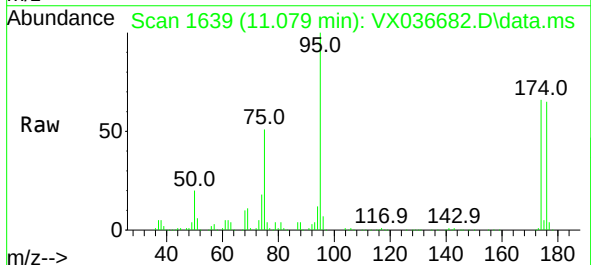
Instrument :  
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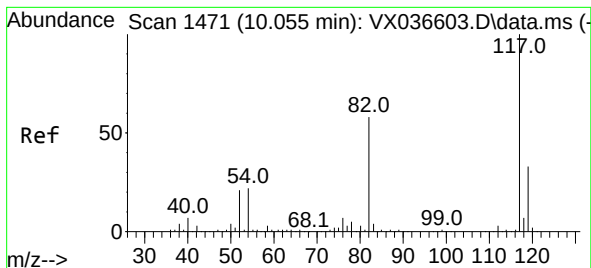
Tgt Ion: 98 Resp: 262006  
Ion Ratio Lower Upper  
98 100  
100 65.6 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 47.295 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX036682.D  
Acq: 27 Jul 2023 17:30

Tgt Ion: 95 Resp: 95076  
Ion Ratio Lower Upper  
95 100  
174 73.8 0.0 135.6  
176 70.6 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: VX036682.D

Acq: 27 Jul 2023 17:30

Instrument :

MSVOA\_X

ClientSampleId :

TB-20230727

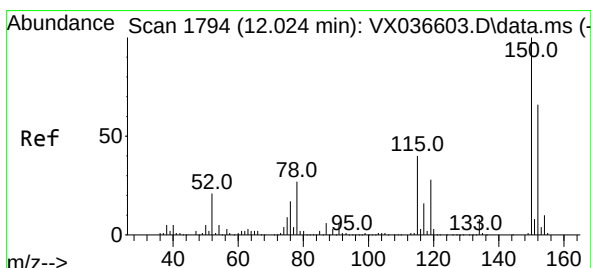
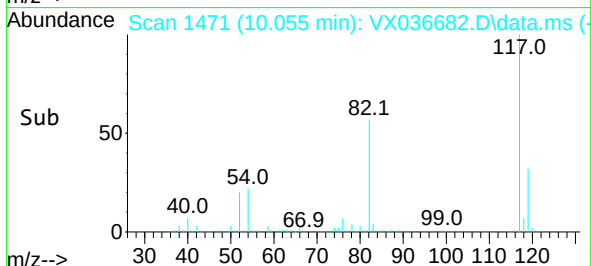
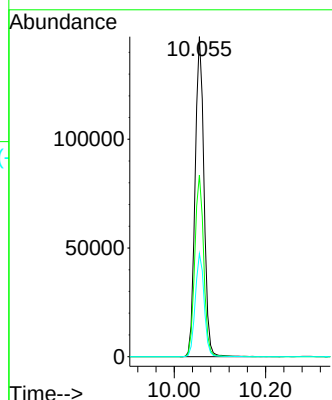
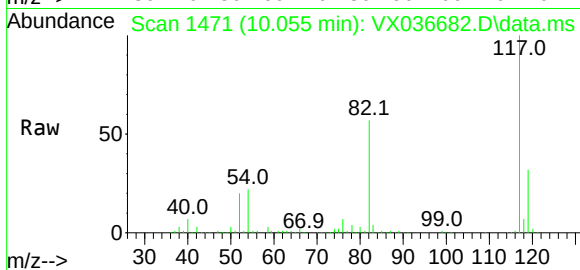
Tgt Ion:117 Resp: 197339

Ion Ratio Lower Upper

117 100

82 56.8 46.2 69.4

119 32.2 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: VX036682.D

Acq: 27 Jul 2023 17:30

Tgt Ion:152 Resp: 85958

Ion Ratio Lower Upper

152 100

115 62.3 43.3 129.9

150 156.9 0.0 345.0

