

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX091323\  
 Data File : VX037693.D  
 Acq On : 13 Sep 2023 14:29  
 Operator : JC/MD  
 Sample : 04352-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB-02-090723

Quant Time: Sep 14 02:20:21 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091123W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 12 10:10:04 2023  
 Response via : Initial Calibration

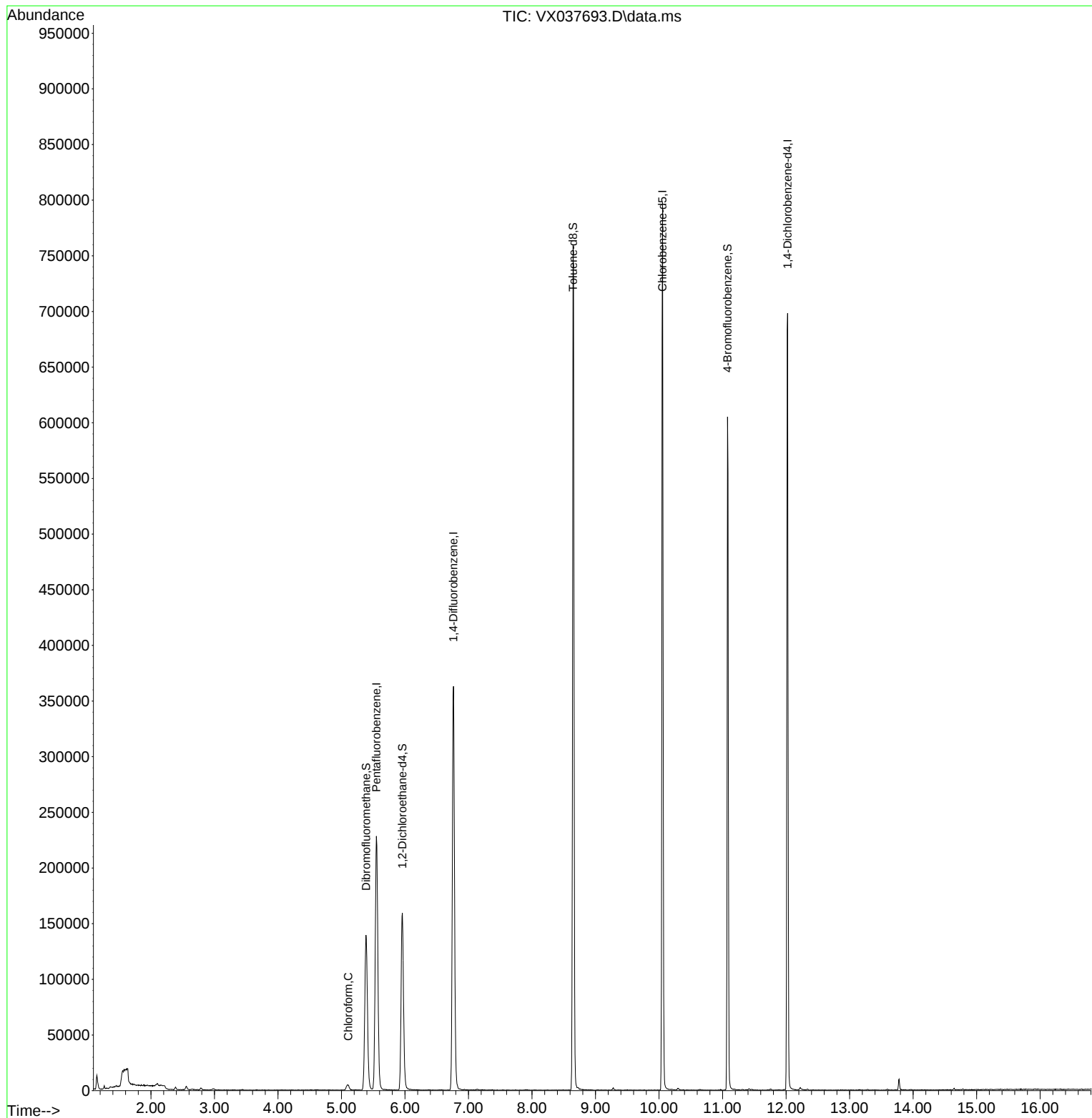
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 213849   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 378678   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 348870   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 149636   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 155241   | 44.868   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 89.740%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 122141   | 45.505   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 91.020%  |
| 50) Toluene-d8              | 8.647  | 98    | 459553   | 45.397   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 90.800%# |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 159225   | 43.598   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 87.200%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 30) Chloroform              | 5.105  | 83    | 6038     | 1.143    | ug/l   | 86       |
| -----                       |        |       |          |          |        |          |

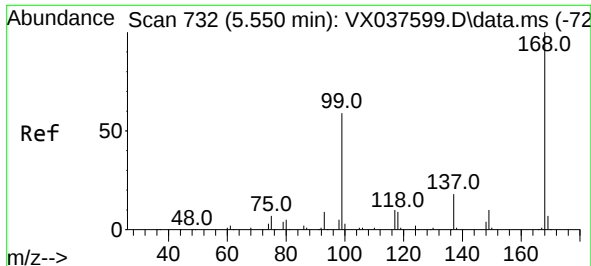
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TB-02-090723

Quant Time: Sep 14 02:20:21 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091123W.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 12 10:10:04 2023  
Response via : Initial Calibration

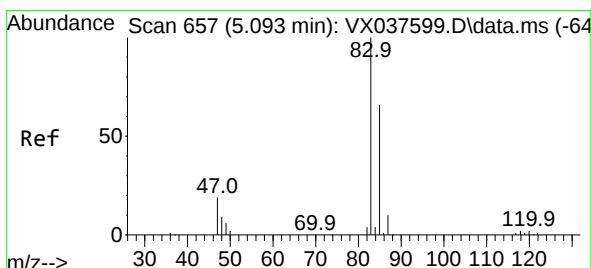
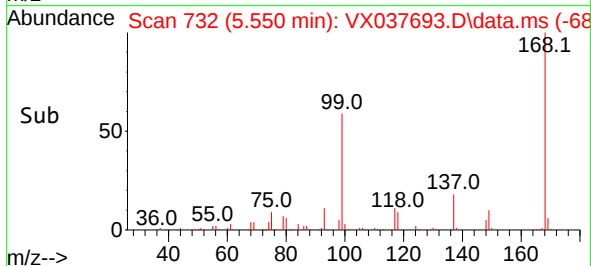
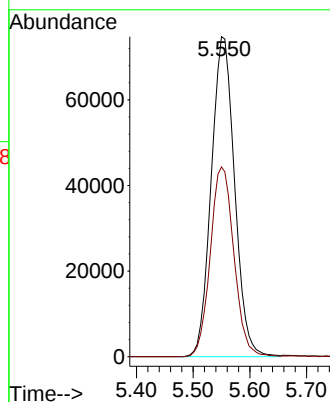
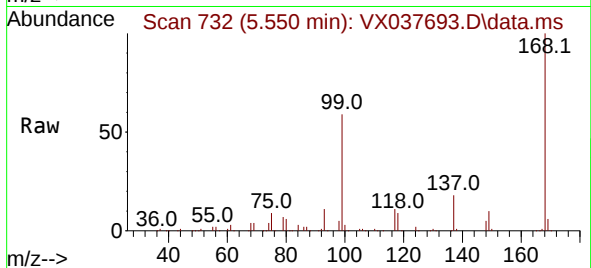




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX037693.D  
Acq: 13 Sep 2023 14:29

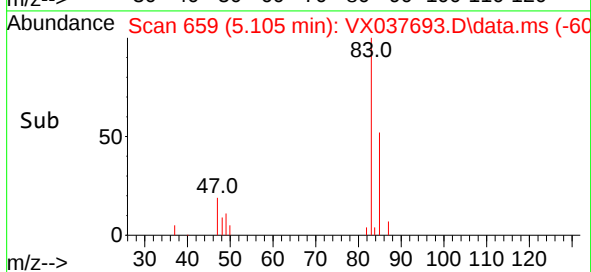
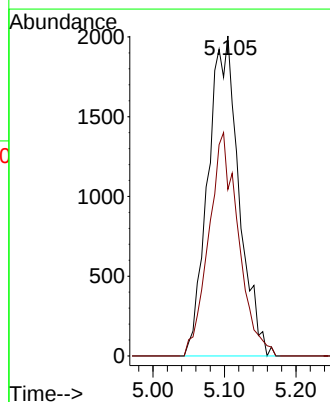
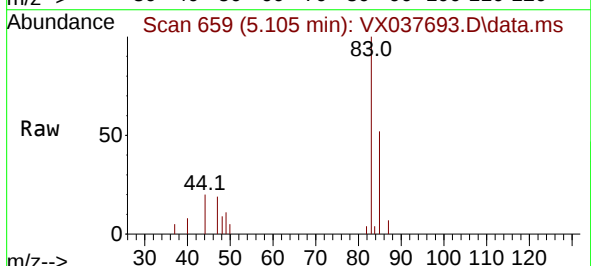
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-02-090723

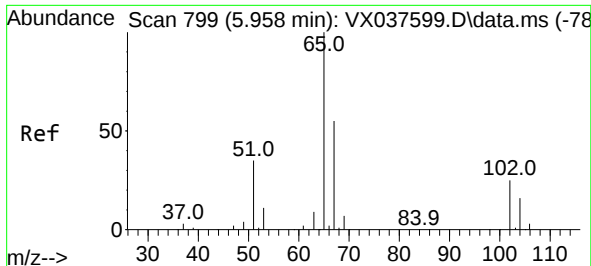
Tgt Ion:168 Resp: 213849  
Ion Ratio Lower Upper  
168 100  
99 59.3 56.6 85.0



#30  
Chloroform  
Concen: 1.143 ug/l  
RT: 5.105 min Scan# 659  
Delta R.T. 0.012 min  
Lab File: VX037693.D  
Acq: 13 Sep 2023 14:29

Tgt Ion: 83 Resp: 6038  
Ion Ratio Lower Upper  
83 100  
85 52.0 50.3 75.5

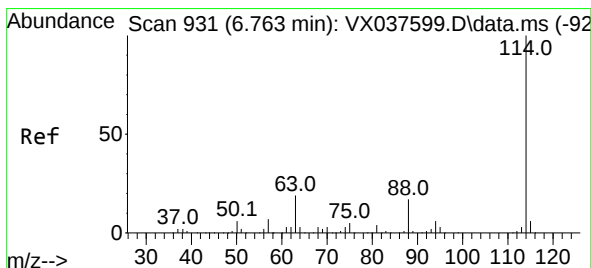
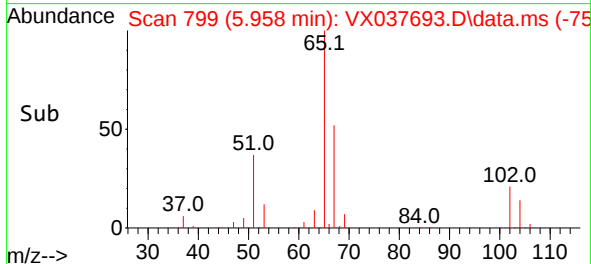
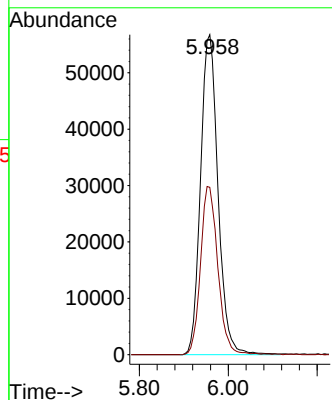
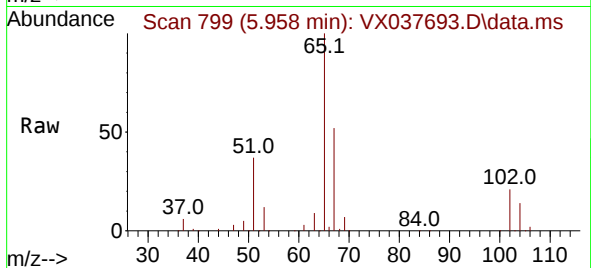




#33  
 1,2-Dichloroethane-d4  
 Concen: 44.868 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. -0.000 min  
 Lab File: VX037693.D  
 Acq: 13 Sep 2023 14:29

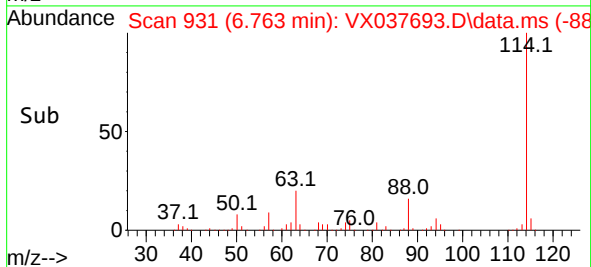
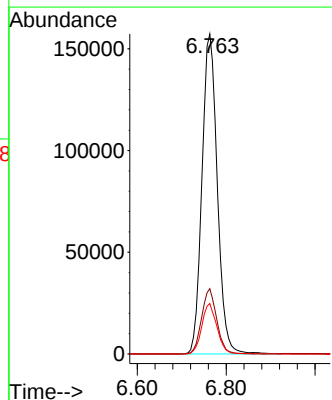
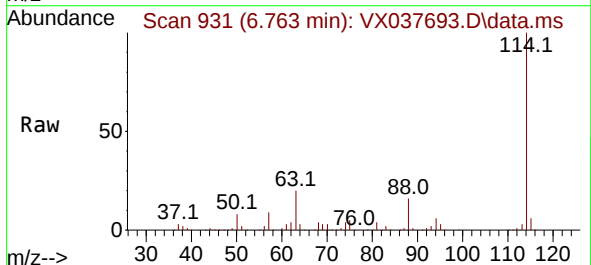
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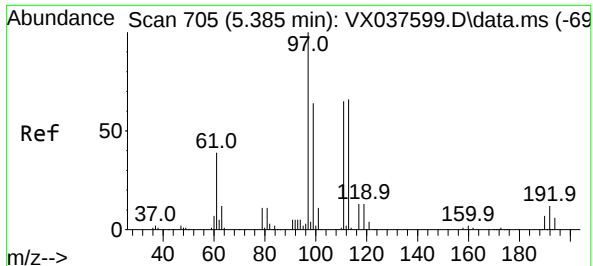
Tgt Ion: 65 Resp: 155241  
 Ion Ratio Lower Upper  
 65 100  
 67 52.0 0.0 100.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. -0.000 min  
 Lab File: VX037693.D  
 Acq: 13 Sep 2023 14:29

Tgt Ion: 114 Resp: 378678  
 Ion Ratio Lower Upper  
 114 100  
 63 20.4 0.0 45.0  
 88 15.7 0.0 36.6

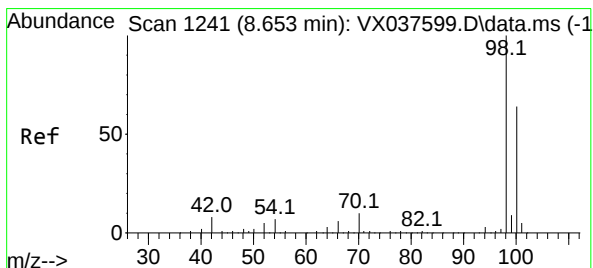
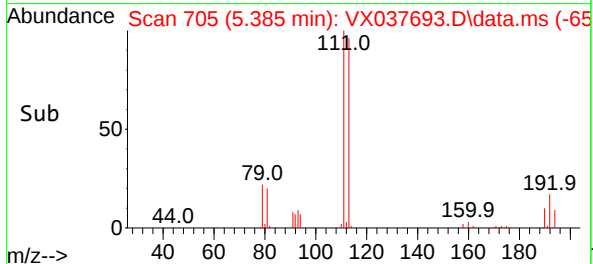
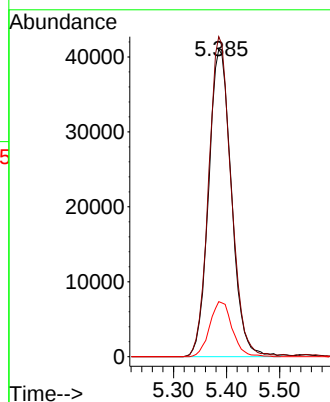
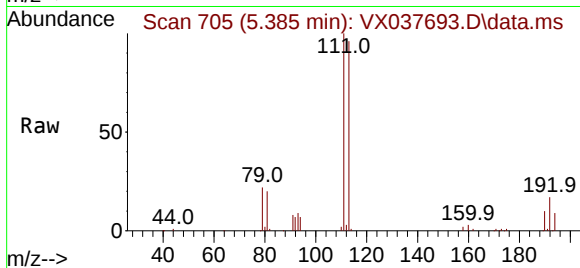




#35  
 Dibromofluoromethane  
 Concen: 45.505 ug/l  
 RT: 5.385 min Scan# 705  
 Delta R.T. -0.000 min  
 Lab File: VX037693.D  
 Acq: 13 Sep 2023 14:29

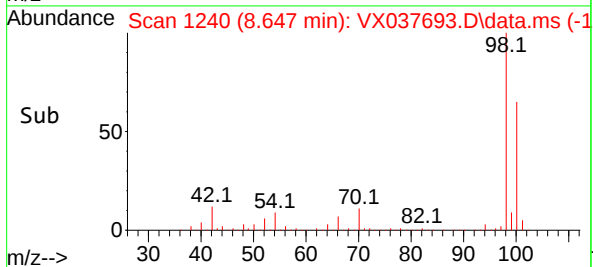
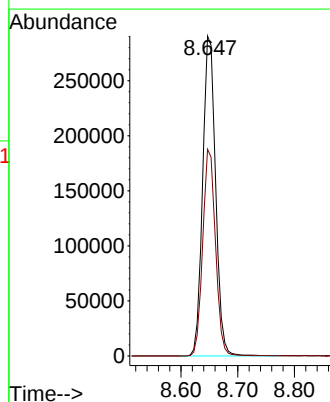
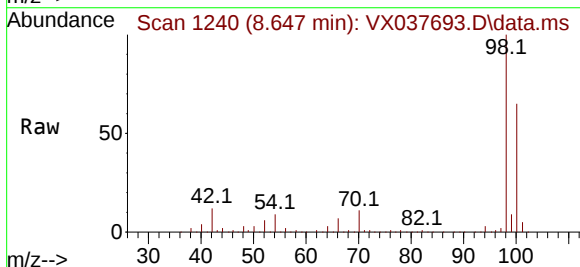
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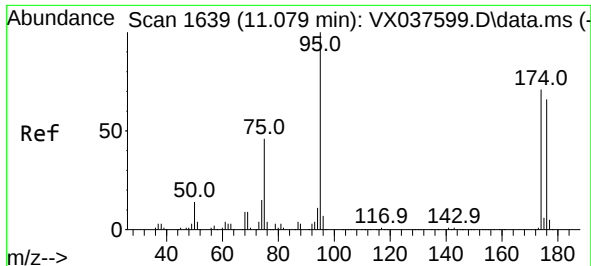
Tgt Ion:113 Resp: 122141  
 Ion Ratio Lower Upper  
 113 100  
 111 102.9 82.9 124.3  
 192 17.7 13.3 19.9



#50  
 Toluene-d8  
 Concen: 45.397 ug/l  
 RT: 8.647 min Scan# 1240  
 Delta R.T. -0.006 min  
 Lab File: VX037693.D  
 Acq: 13 Sep 2023 14:29

Tgt Ion: 98 Resp: 459553  
 Ion Ratio Lower Upper  
 98 100  
 100 64.0 53.1 79.7

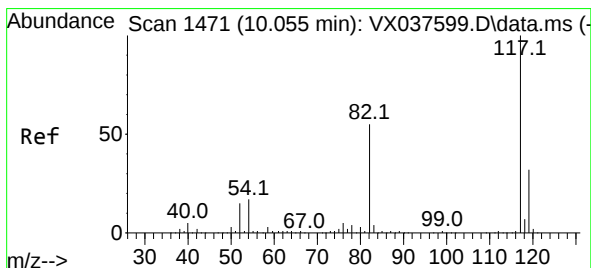
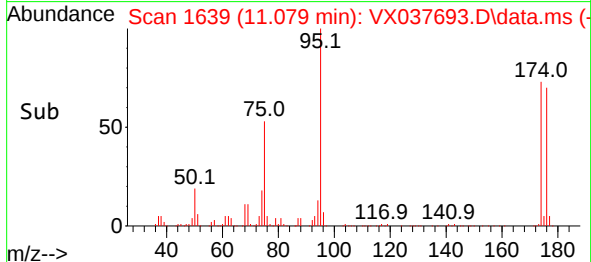
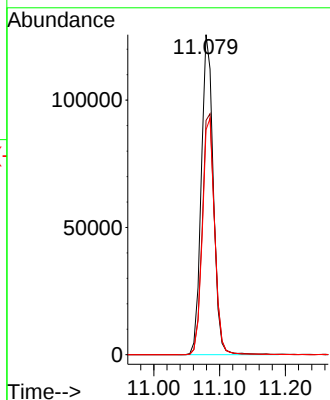
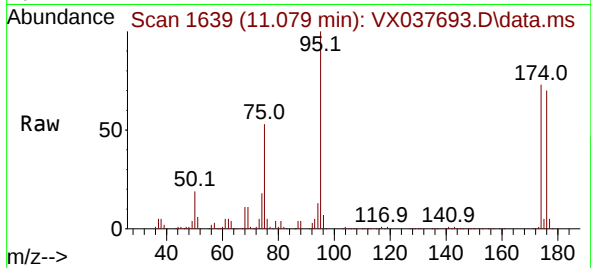




#62  
4-Bromofluorobenzene  
Concen: 43.598 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX037693.D  
Acq: 13 Sep 2023 14:29

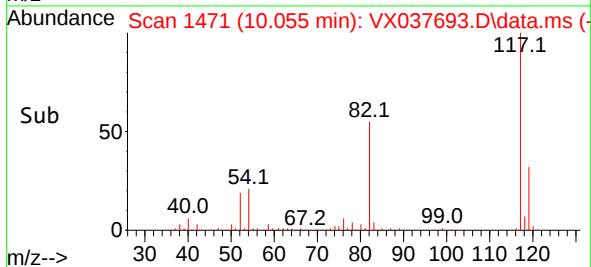
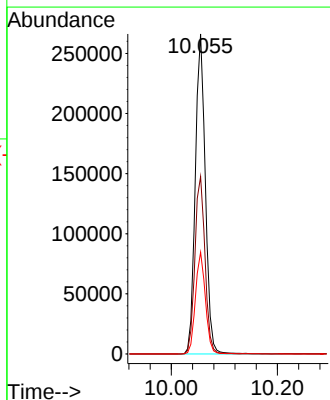
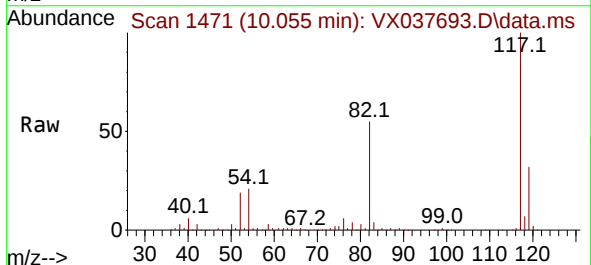
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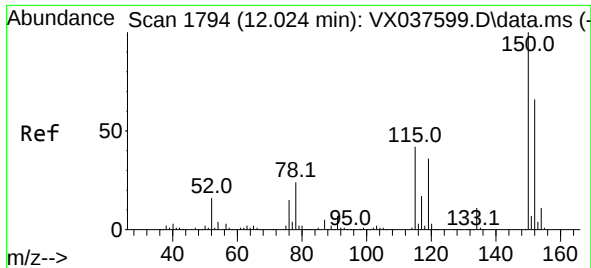
Tgt Ion: 95 Resp: 159225  
Ion Ratio Lower Upper  
95 100  
174 77.7 0.0 135.6  
176 75.5 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX037693.D  
Acq: 13 Sep 2023 14:29

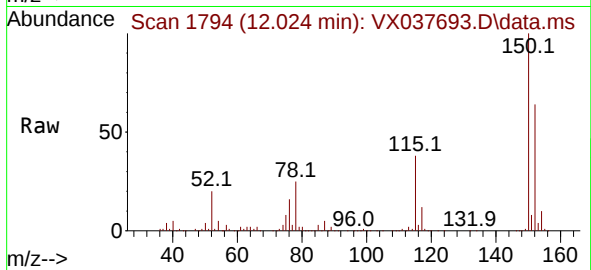
Tgt Ion: 117 Resp: 348870  
Ion Ratio Lower Upper  
117 100  
82 55.5 46.2 69.4  
119 31.8 25.5 38.3





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX037693.D  
 Acq: 13 Sep 2023 14:29

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB-02-090723



Tgt Ion:152 Resp: 149636  
 Ion Ratio Lower Upper  
 152 100  
 115 60.7 43.3 129.9  
 150 157.2 0.0 345.0

