

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081623\  
 Data File : VX037038.D  
 Acq On : 17 Aug 2023 04:48  
 Operator : JC/MD  
 Sample : 03958-01 10X  
 Misc : 5.97g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 NEVINS-SB02-Z106-107

Quant Time: Aug 17 05:45:37 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       | 5.550  | 168   | 129484   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 240033   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 228222   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018 | 152   | 106611   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 91790    | 47.909   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 95.820%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 77385    | 46.904   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 93.800%  |
| 50) Toluene-d8              | 8.647  | 98    | 287247   | 49.096   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 98.200%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 113307   | 51.331   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 102.660% |

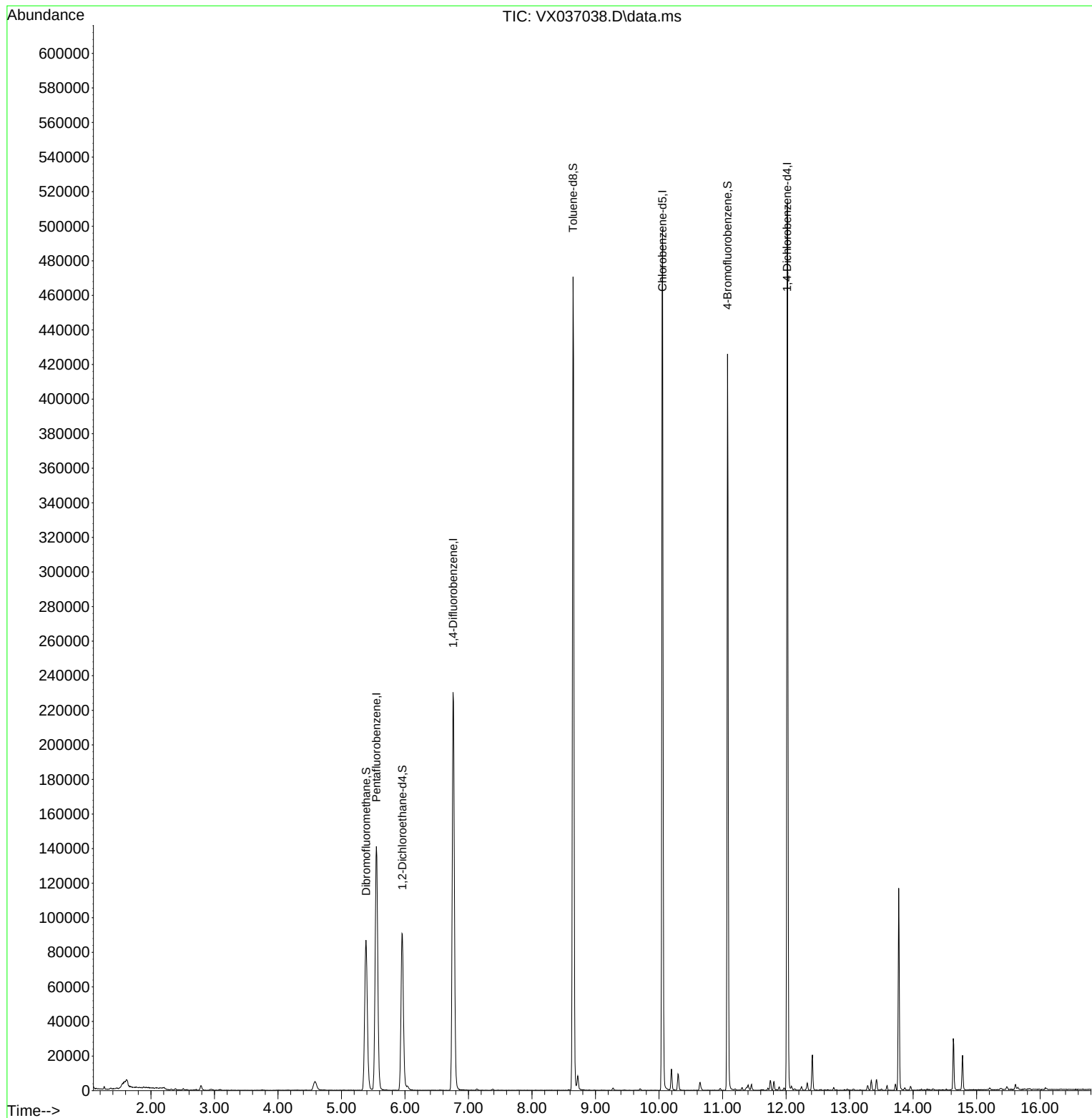
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

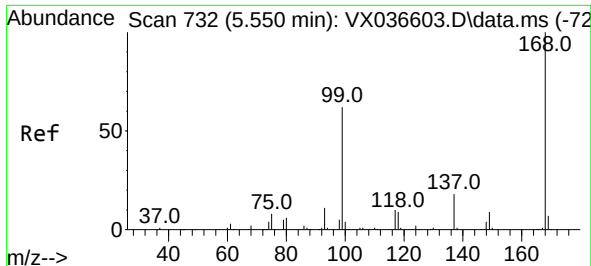
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :  
NEVINS-SB02-Z106-107

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

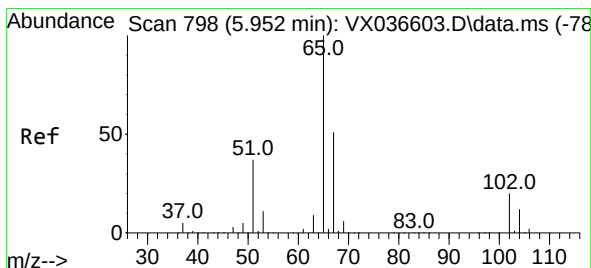
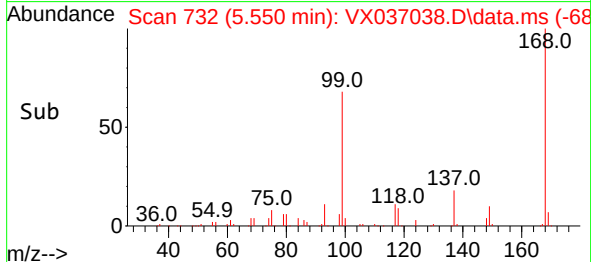
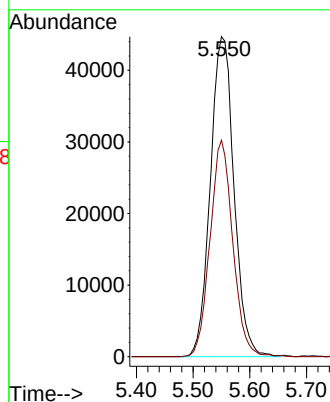
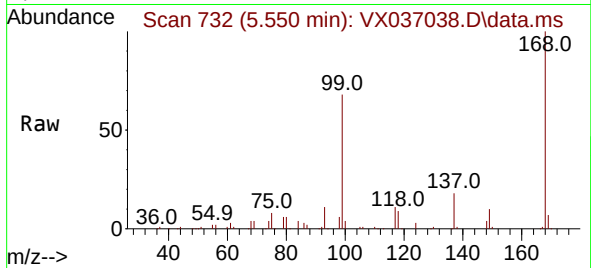




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX037038.D  
Acq: 17 Aug 2023 04:48

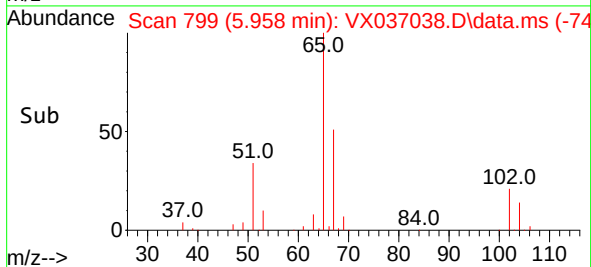
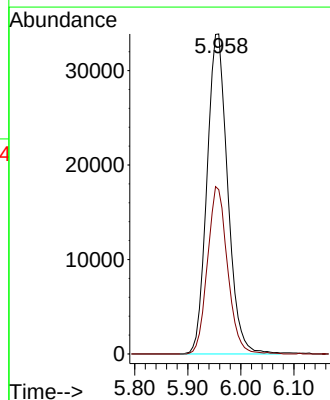
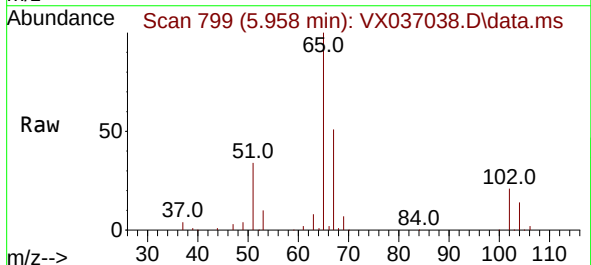
Instrument :  
MSVOA\_X  
ClientSampleId :  
NEVINS-SB02-Z106-107

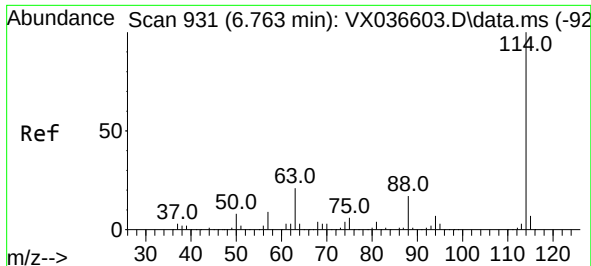
Tgt Ion:168 Resp: 129484  
Ion Ratio Lower Upper  
168 100  
99 67.6 56.6 85.0



#33  
1,2-Dichloroethane-d4  
Concen: 47.909 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX037038.D  
Acq: 17 Aug 2023 04:48

Tgt Ion: 65 Resp: 91790  
Ion Ratio Lower Upper  
65 100  
67 50.8 0.0 100.2

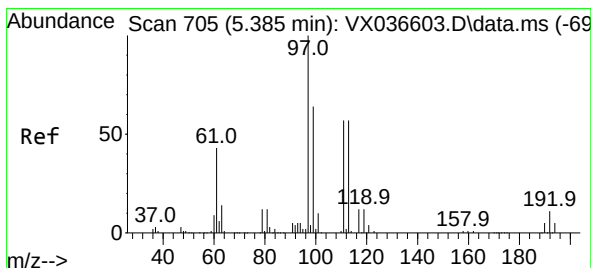
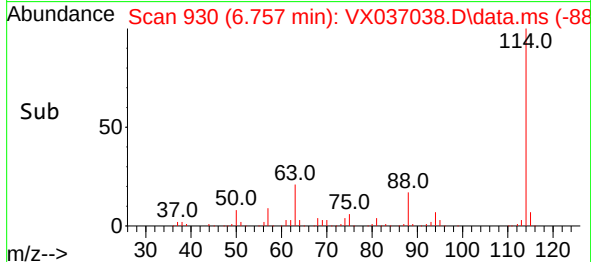
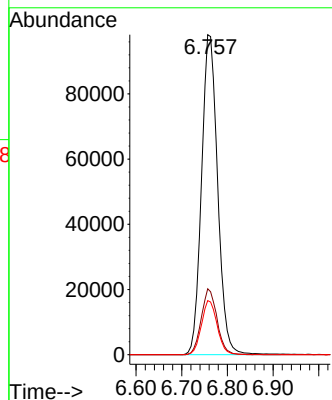
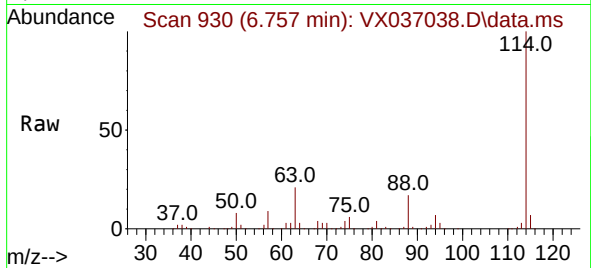




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: VX037038.D  
Acq: 17 Aug 2023 04:48

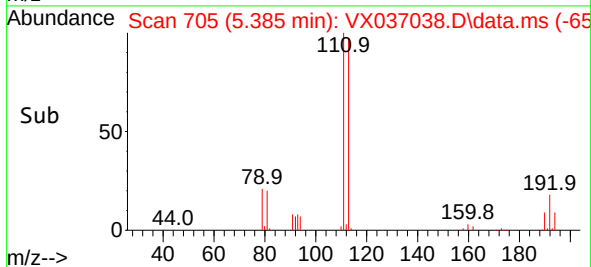
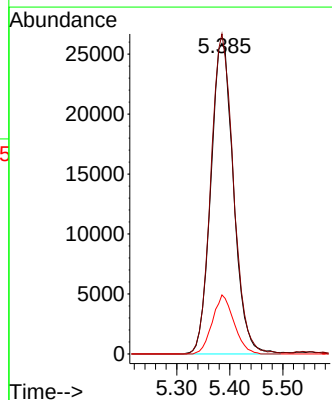
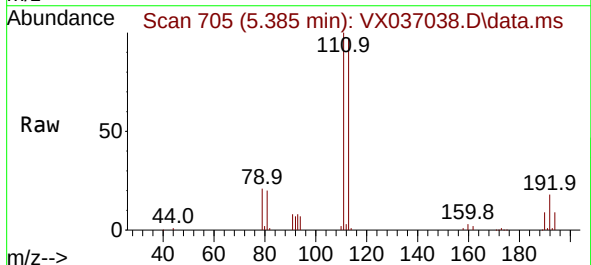
Instrument :  
MSVOA\_X  
ClientSampleId :  
NEVINS-SB02-Z106-107

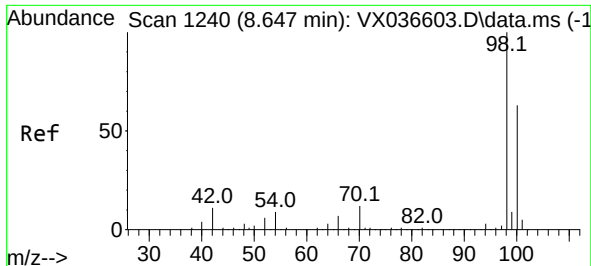
Tgt Ion:114 Resp: 240033  
Ion Ratio Lower Upper  
114 100  
63 20.6 0.0 45.0  
88 16.9 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 46.904 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX037038.D  
Acq: 17 Aug 2023 04:48

Tgt Ion:113 Resp: 77385  
Ion Ratio Lower Upper  
113 100  
111 102.1 82.9 124.3  
192 17.9 13.3 19.9

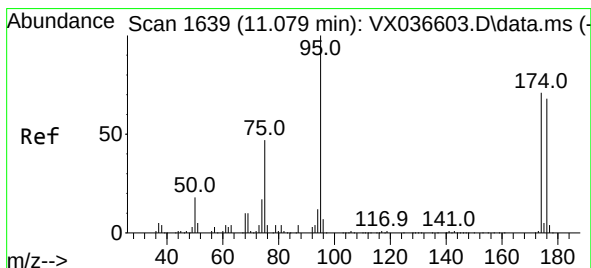
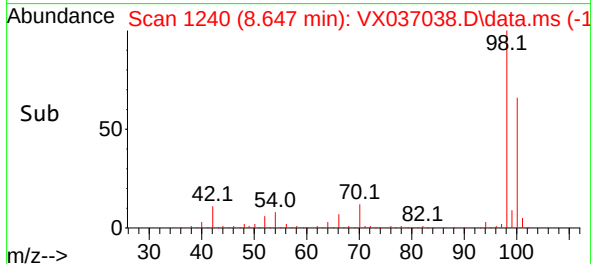
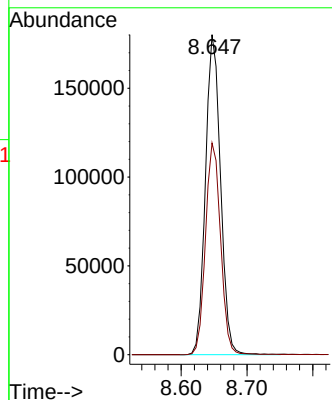
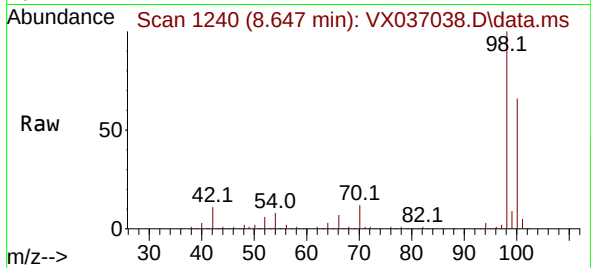




#50  
Toluene-d8  
Concen: 49.096 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX037038.D  
Acq: 17 Aug 2023 04:48

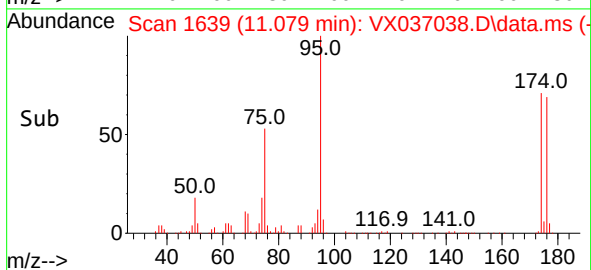
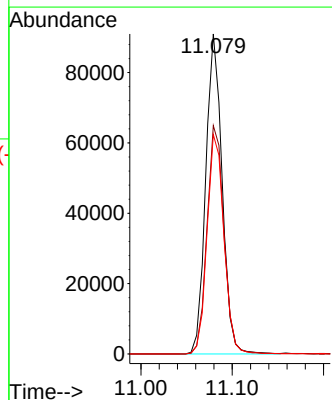
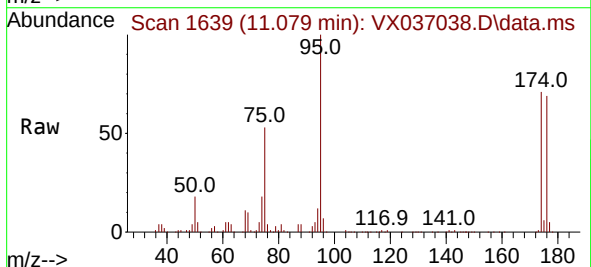
Instrument :  
MSVOA\_X  
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NEVINS-SB02-Z106-107

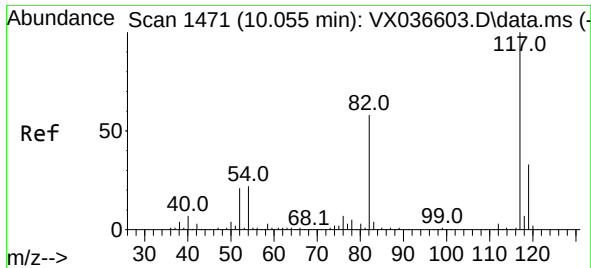
Tgt Ion: 98 Resp: 287247  
Ion Ratio Lower Upper  
98 100  
100 66.1 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 51.331 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX037038.D  
Acq: 17 Aug 2023 04:48

Tgt Ion: 95 Resp: 113307  
Ion Ratio Lower Upper  
95 100  
174 73.8 0.0 135.6  
176 70.6 0.0 131.0

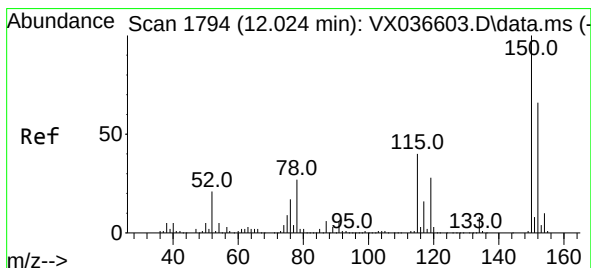
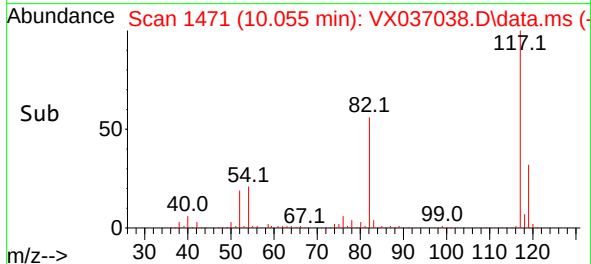
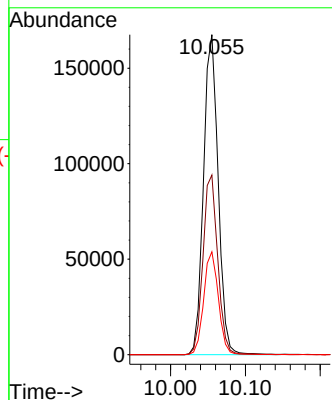
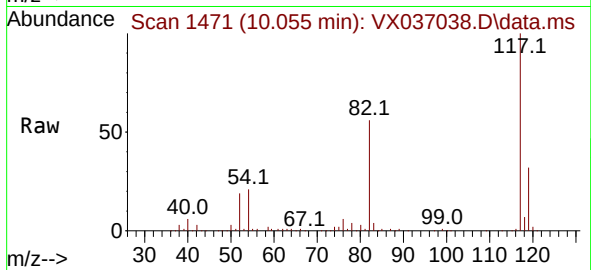




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX037038.D  
Acq: 17 Aug 2023 04:48

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MSVOA\_X  
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NEVINS-SB02-Z106-107

Tgt Ion:117 Resp: 228222  
Ion Ratio Lower Upper  
117 100  
82 56.2 46.2 69.4  
119 32.2 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.006 min  
Lab File: VX037038.D  
Acq: 17 Aug 2023 04:48

Tgt Ion:152 Resp: 106611  
Ion Ratio Lower Upper  
152 100  
115 62.8 43.3 129.9  
150 158.3 0.0 345.0

