

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111723\  
 Data File : VX038875.D  
 Acq On : 17 Nov 2023 13:10  
 Operator : JC/MD  
 Sample : 05403-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB02-20231107

Quant Time: Nov 17 22:49:28 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X111623W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 16 22:59:22 2023  
 Response via : Initial Calibration

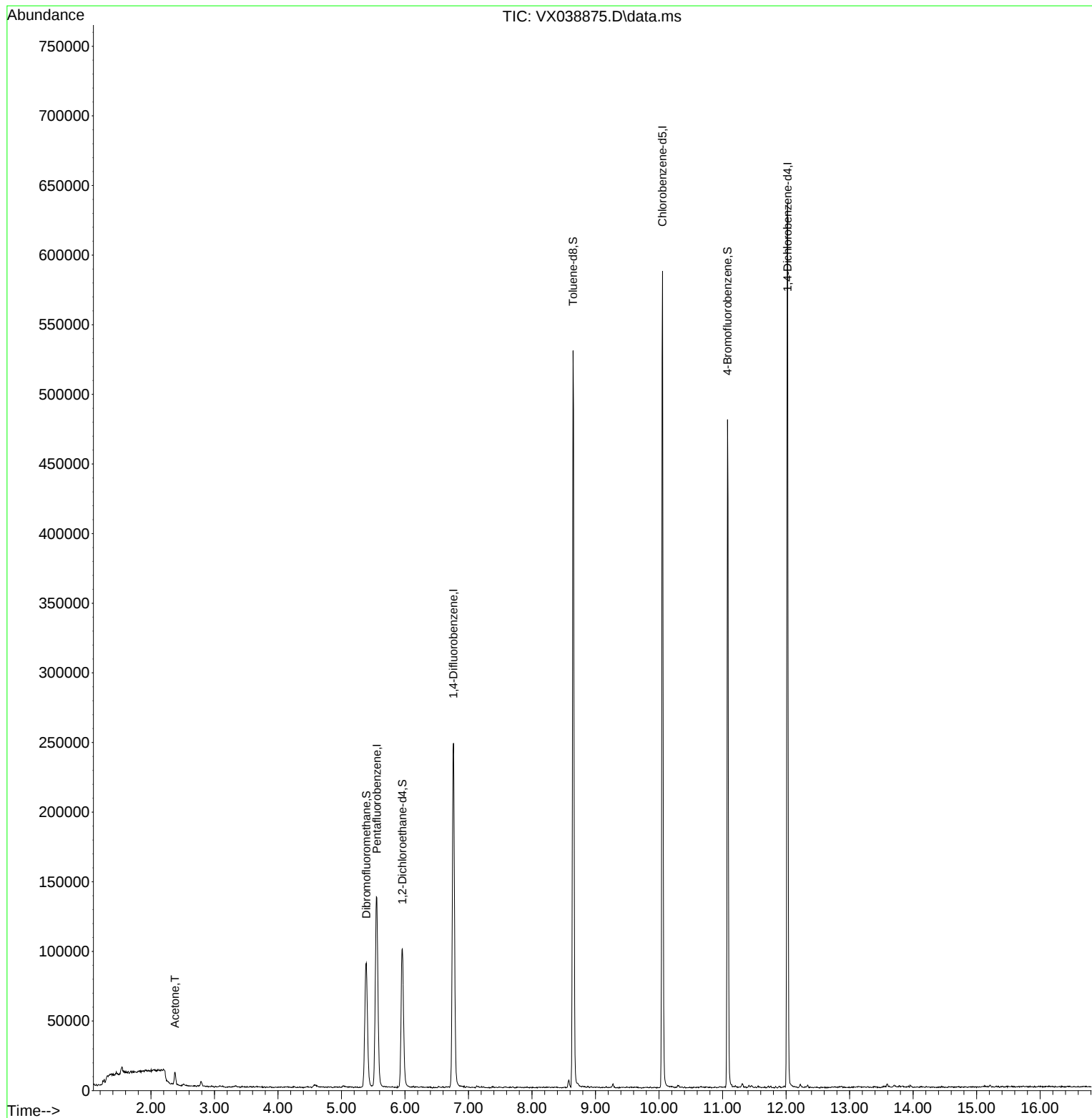
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 5.556  | 168   | 126011   | 50.000   | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 254000   | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 257095   | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 129649   | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 94458    | 46.520   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 93.040%   |
| 35) Dibromofluoromethane    | 5.391  | 113   | 81347    | 44.344   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 88.680%   |
| 50) Toluene-d8              | 8.647  | 98    | 319319   | 45.496   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 91.000%#  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 135929   | 48.380   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 96.760%   |
| Target Compounds            |        |       |          |          |       |           |
| 16) Acetone                 | 2.380  | 43    | 9711     | 8.984    | ug/l  | Qvalue 93 |
| -----                       |        |       |          |          |       |           |

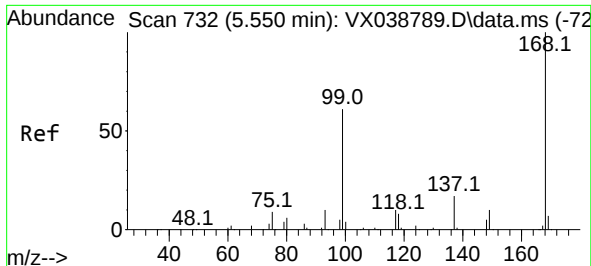
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Thu Nov 16 22:59:22 2023  
Response via : Initial Calibration

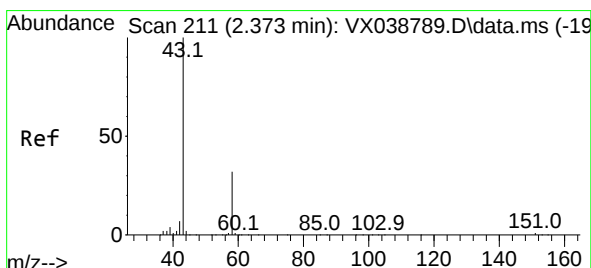
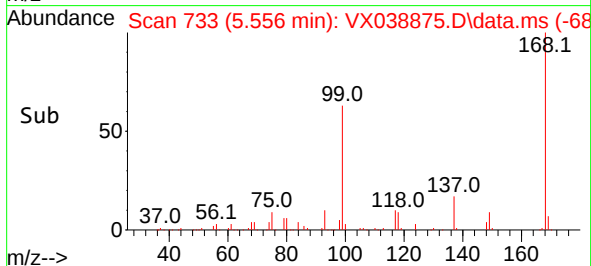
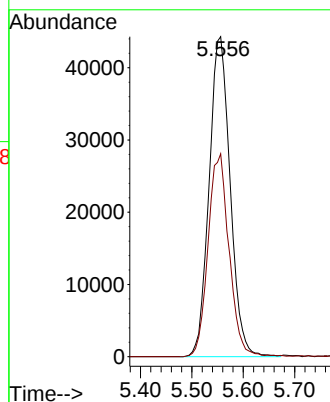
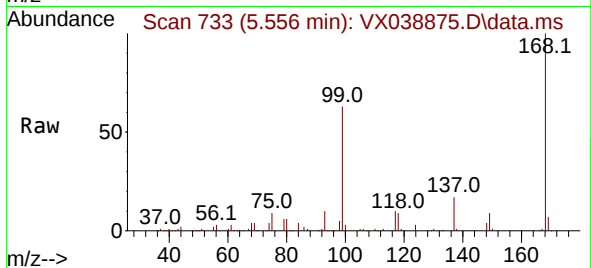




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX038875.D  
Acq: 17 Nov 2023 13:10

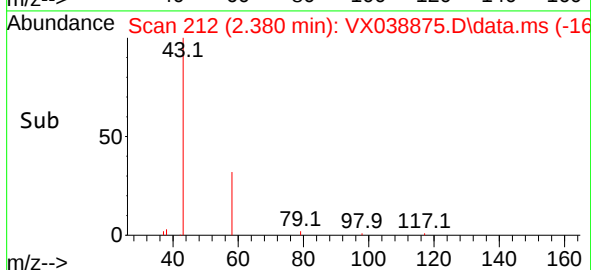
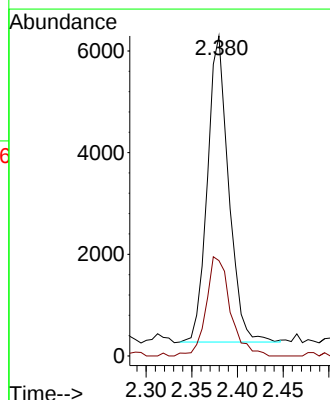
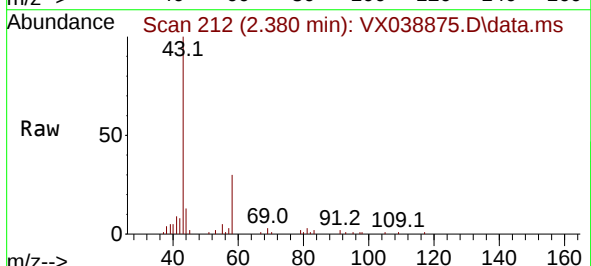
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB02-20231107

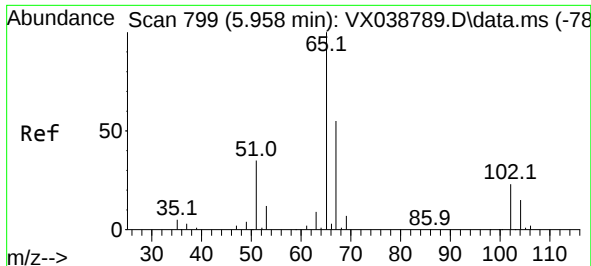
Tgt Ion:168 Resp: 126011  
Ion Ratio Lower Upper  
168 100  
99 63.4 56.6 85.0



#16  
Acetone  
Concen: 8.984 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VX038875.D  
Acq: 17 Nov 2023 13:10

Tgt Ion: 43 Resp: 9711  
Ion Ratio Lower Upper  
43 100  
58 31.1 21.9 32.9

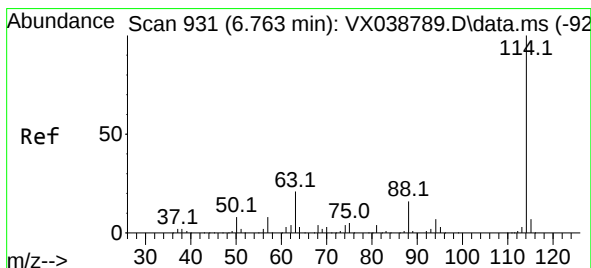
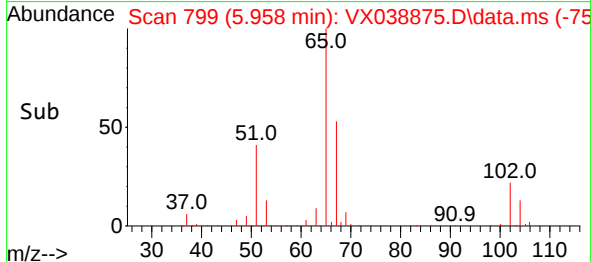
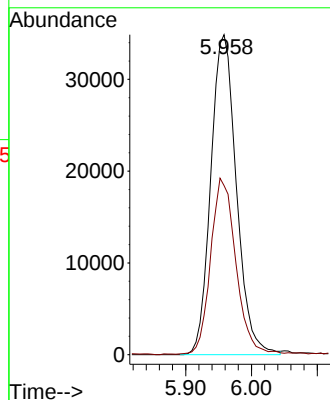
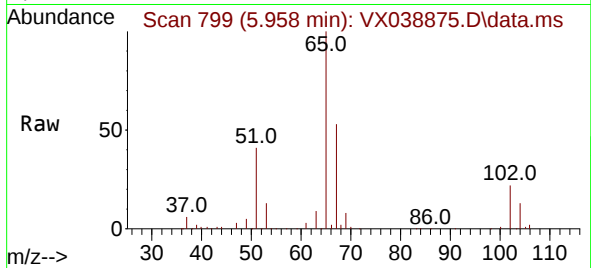




#33  
 1,2-Dichloroethane-d4  
 Concen: 46.520 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. 0.000 min  
 Lab File: VX038875.D  
 Acq: 17 Nov 2023 13:10

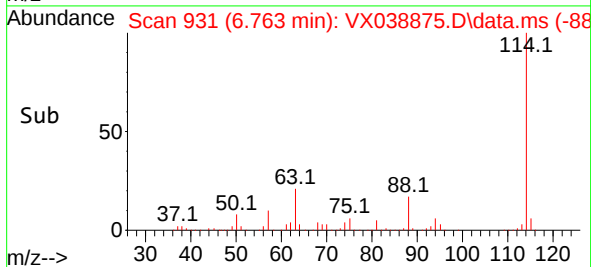
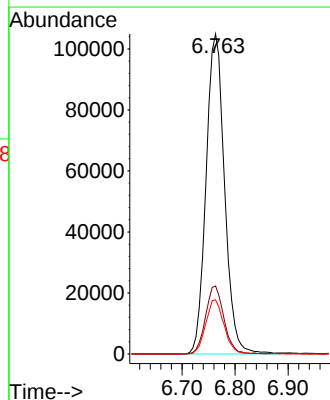
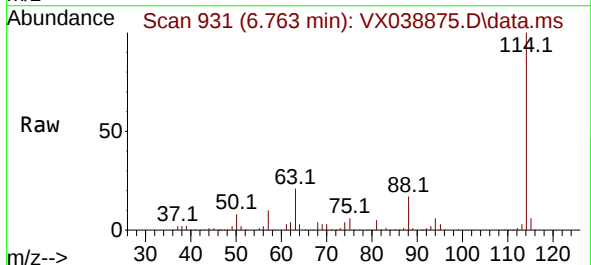
Instrument :  
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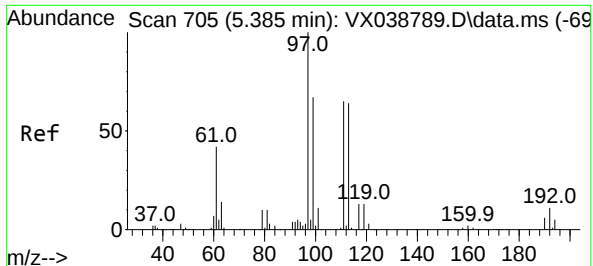
Tgt Ion: 65 Resp: 94458  
 Ion Ratio Lower Upper  
 65 100  
 67 54.0 0.0 100.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. 0.000 min  
 Lab File: VX038875.D  
 Acq: 17 Nov 2023 13:10

Tgt Ion: 114 Resp: 254000  
 Ion Ratio Lower Upper  
 114 100  
 63 21.3 0.0 45.0  
 88 16.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.344 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX038875.D

Acq: 17 Nov 2023 13:10

Instrument :

MSVOA\_X

ClientSampleId :

TB02-20231107

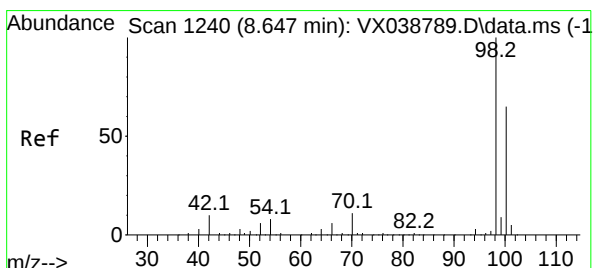
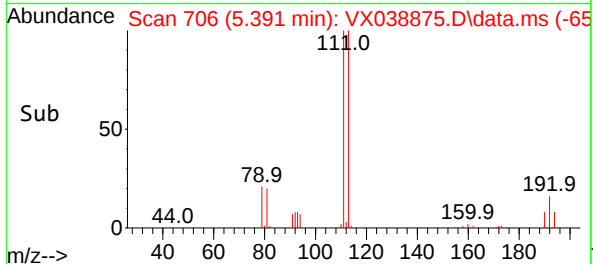
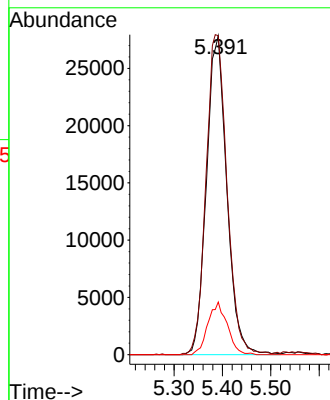
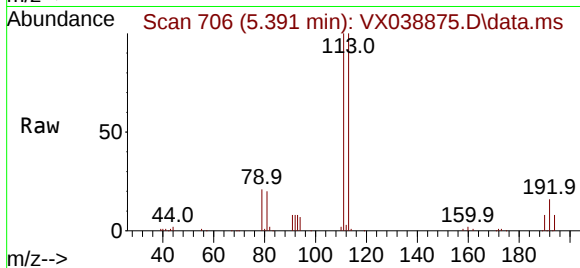
Tgt Ion:113 Resp: 81347

Ion Ratio Lower Upper

113 100

111 103.6 82.9 124.3

192 15.7 13.3 19.9



#50

Toluene-d8

Concen: 45.496 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038875.D

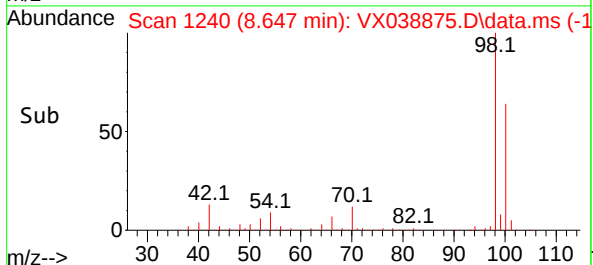
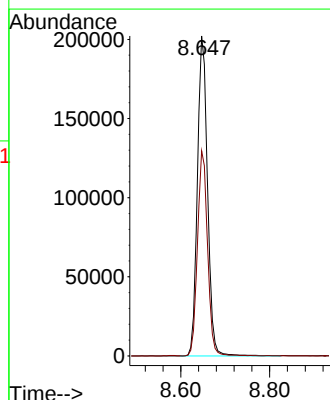
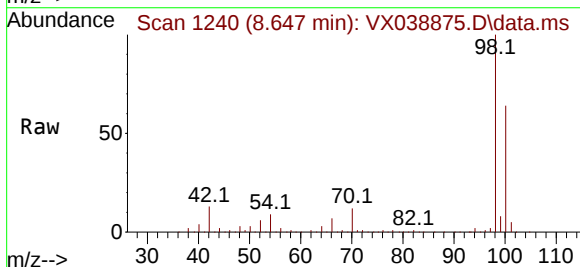
Acq: 17 Nov 2023 13:10

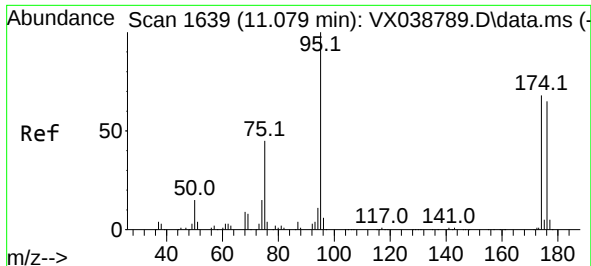
Tgt Ion: 98 Resp: 319319

Ion Ratio Lower Upper

98 100

100 63.8 53.1 79.7

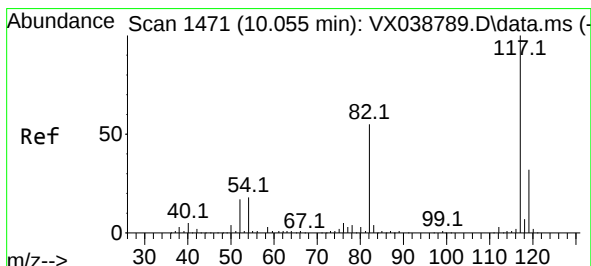
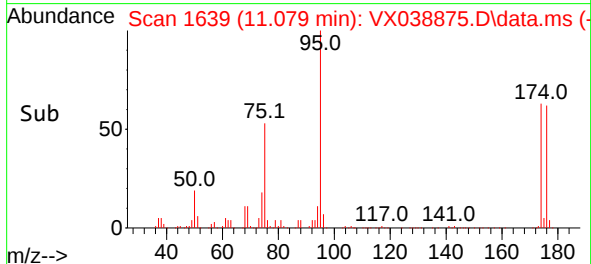
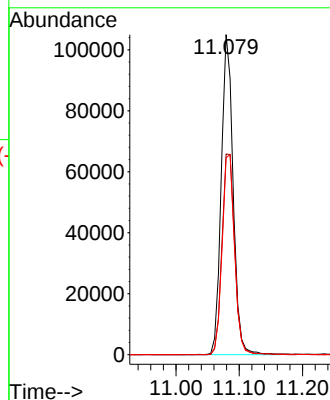
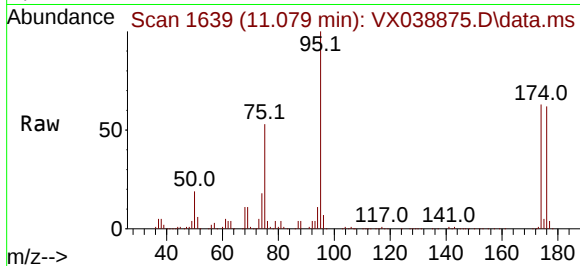




#62  
4-Bromofluorobenzene  
Concen: 48.380 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX038875.D  
Acq: 17 Nov 2023 13:10

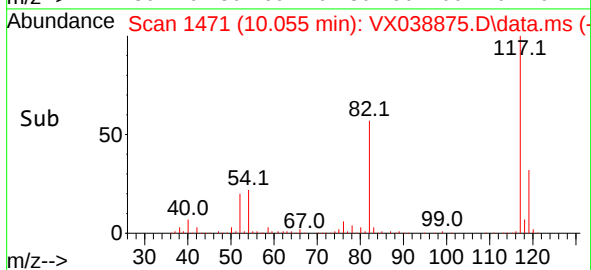
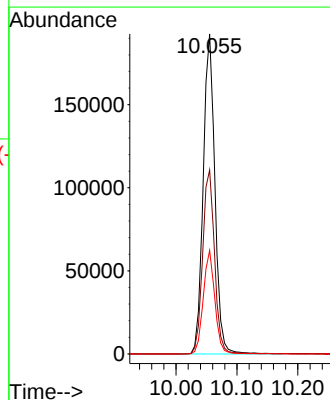
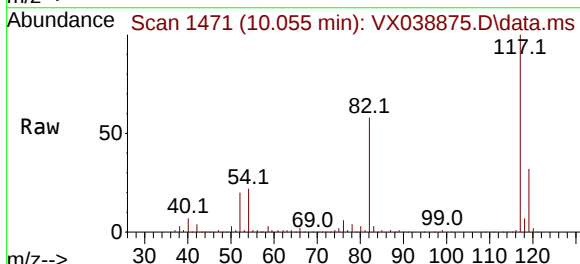
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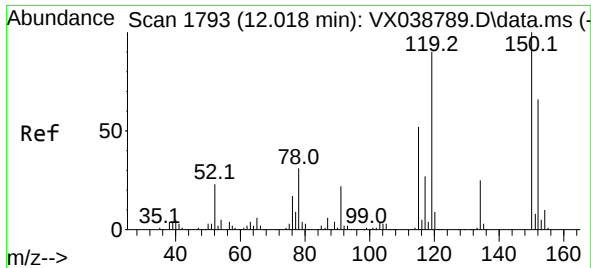
Tgt Ion: 95 Resp: 135929  
Ion Ratio Lower Upper  
95 100  
174 66.9 0.0 135.6  
176 65.4 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX038875.D  
Acq: 17 Nov 2023 13:10

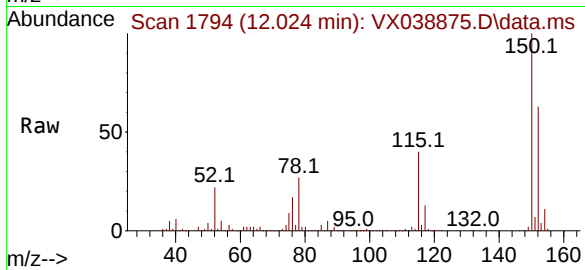
Tgt Ion: 117 Resp: 257095  
Ion Ratio Lower Upper  
117 100  
82 57.5 46.2 69.4  
119 32.3 25.5 38.3





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VX038875.D  
 Acq: 17 Nov 2023 13:10

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB02-20231107



Tgt Ion:152 Resp: 129649  
 Ion Ratio Lower Upper  
 152 100  
 115 65.4 43.3 129.9  
 150 159.6 0.0 345.0

