

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111723\  
 Data File : VX038911.D  
 Acq On : 18 Nov 2023 05:53  
 Operator : JC/MD  
 Sample : 05404-27  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB03-20231109

Quant Time: Nov 20 00:33:46 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

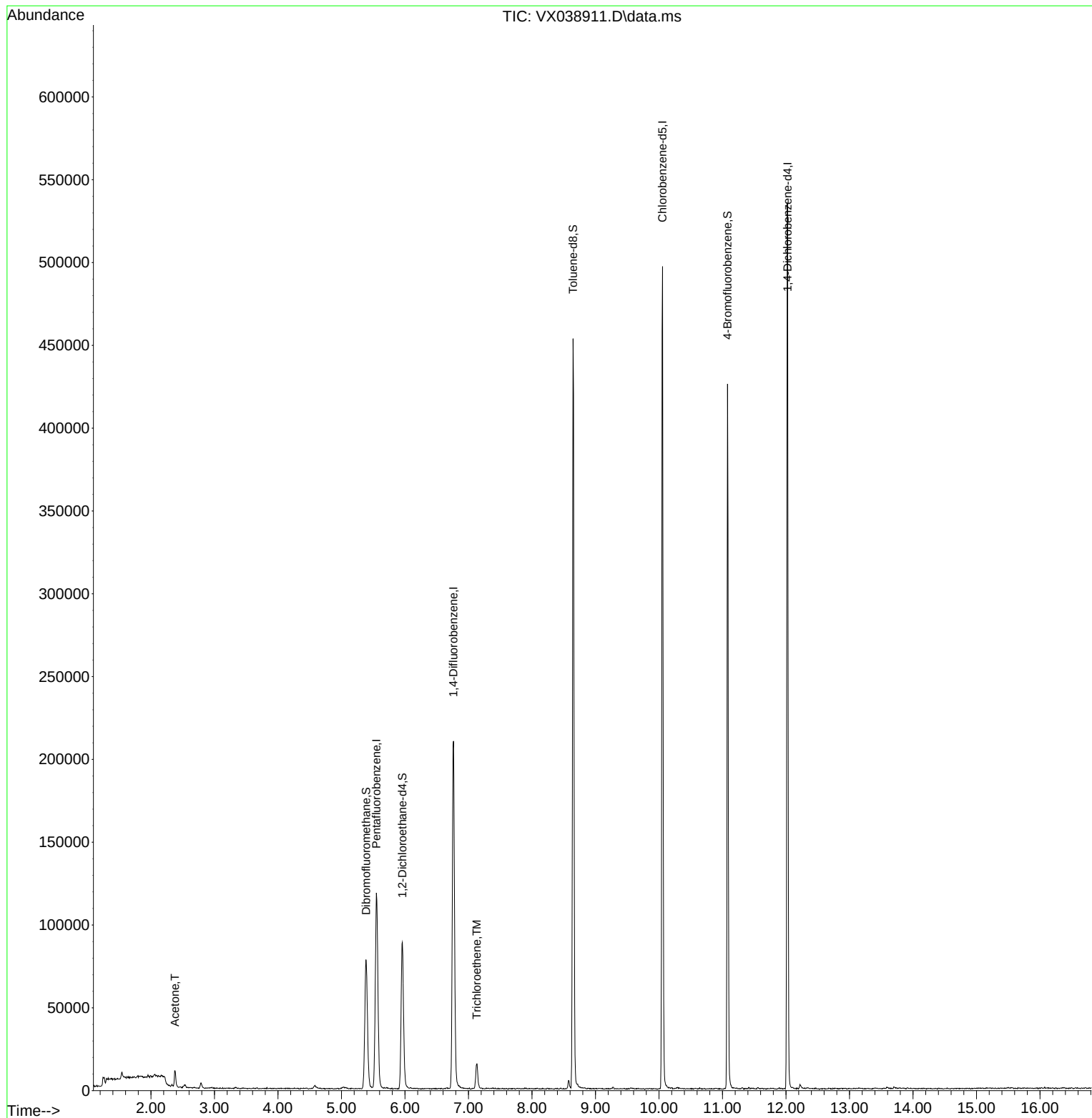
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 107230   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 215716   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 223183   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 109098   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 83951    | 48.587   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 97.180%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 68268    | 43.819   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 87.640%  |
| 50) Toluene-d8              | 8.647  | 98    | 271519   | 45.551   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 91.100%# |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 115788   | 48.525   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 97.060%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.380  | 43    | 10210    | 11.100   | ug/l   | 94       |
| 44) Trichloroethene         | 7.129  | 130   | 5718     | 3.557    | ug/l   | 93       |
| -----                       |        |       |          |          |        |          |

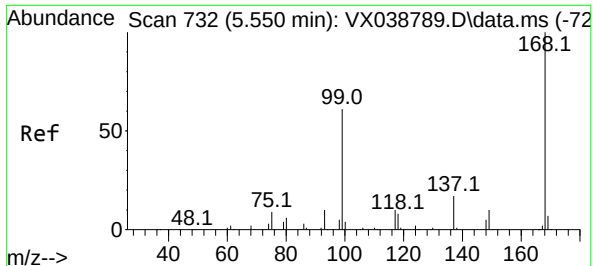
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 20 00:33:46 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

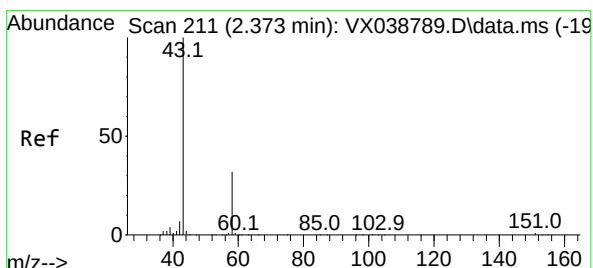
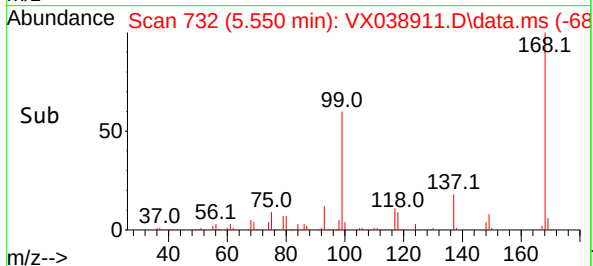
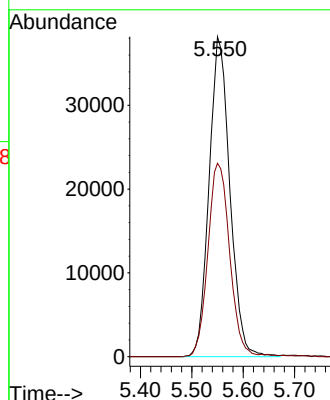
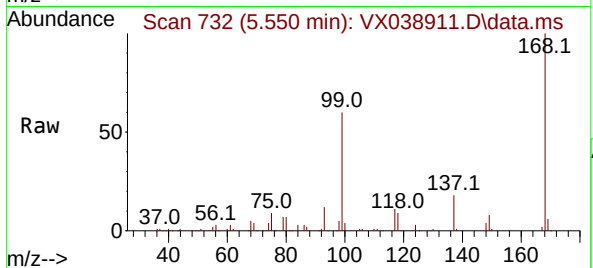




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX038911.D  
Acq: 18 Nov 2023 05:53

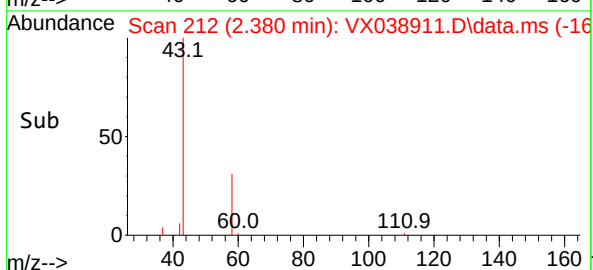
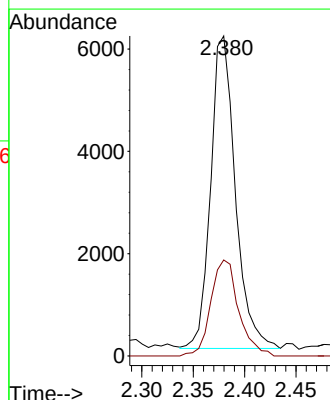
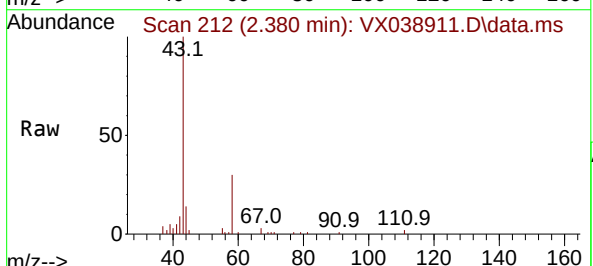
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB03-20231109

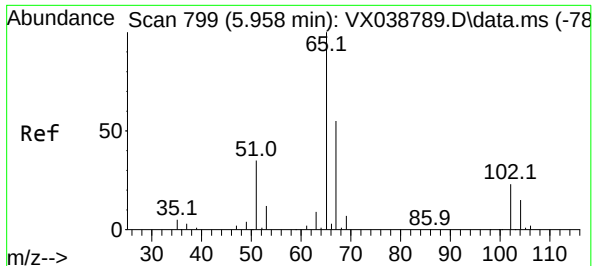
Tgt Ion:168 Resp: 107230  
Ion Ratio Lower Upper  
168 100  
99 60.5 56.6 85.0



#16  
Acetone  
Concen: 11.100 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VX038911.D  
Acq: 18 Nov 2023 05:53

Tgt Ion: 43 Resp: 10210  
Ion Ratio Lower Upper  
43 100  
58 30.7 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 48.587 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038911.D

Acq: 18 Nov 2023 05:53

Instrument :

MSVOA\_X

ClientSampleId :

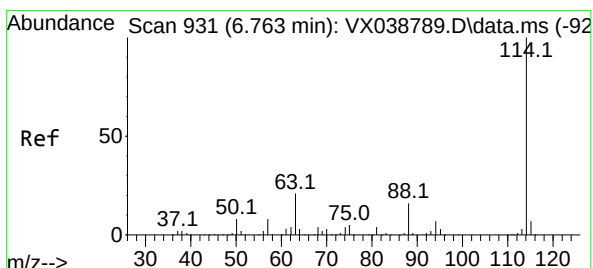
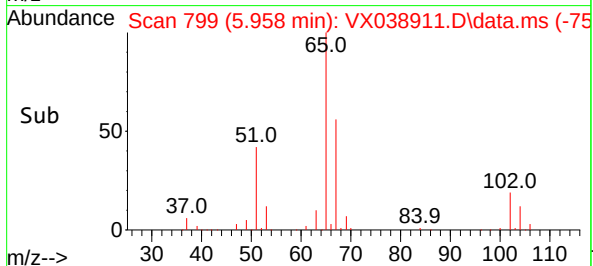
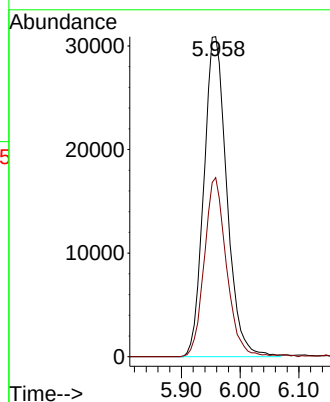
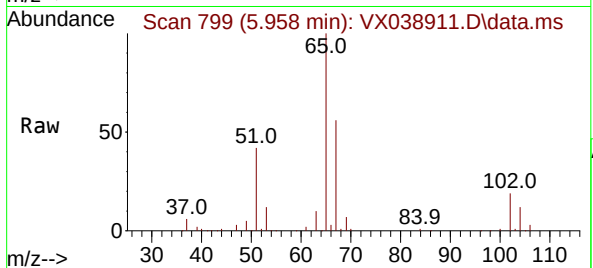
TB03-20231109

Tgt Ion: 65 Resp: 83951

Ion Ratio Lower Upper

65 100

67 53.9 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: VX038911.D

Acq: 18 Nov 2023 05:53

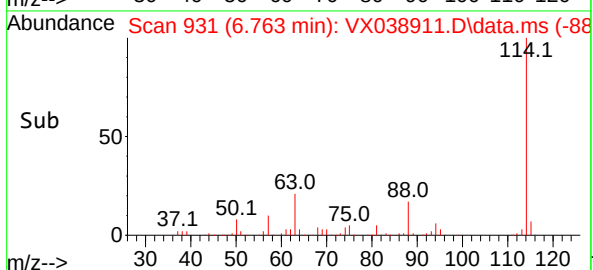
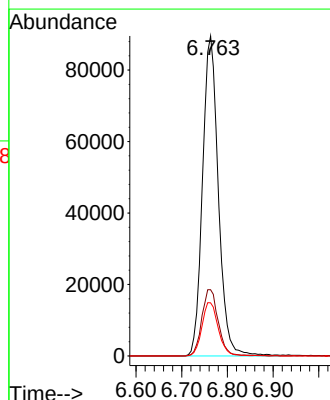
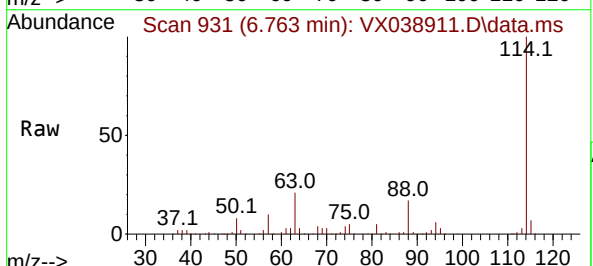
Tgt Ion: 114 Resp: 215716

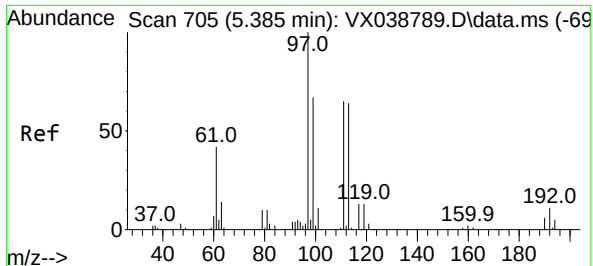
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

88 16.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 43.819 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038911.D

Acq: 18 Nov 2023 05:53

Instrument :

MSVOA\_X

ClientSampleId :

TB03-20231109

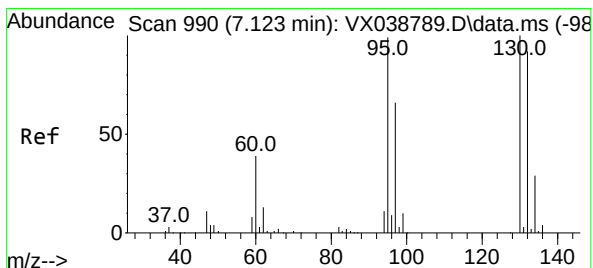
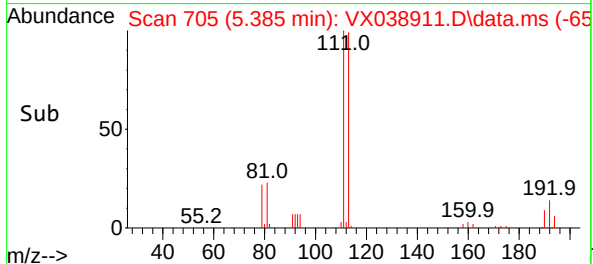
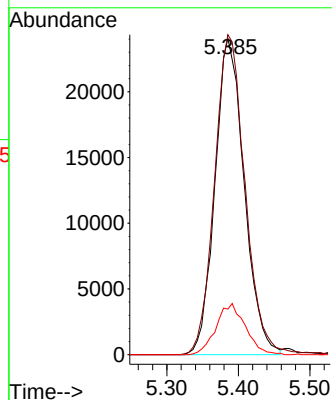
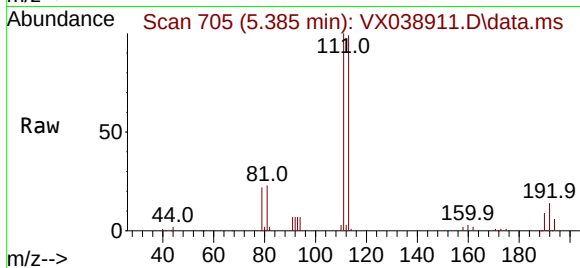
Tgt Ion:113 Resp: 68268

Ion Ratio Lower Upper

113 100

111 105.3 82.9 124.3

192 16.2 13.3 19.9



#44

Trichloroethene

Concen: 3.557 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX038911.D

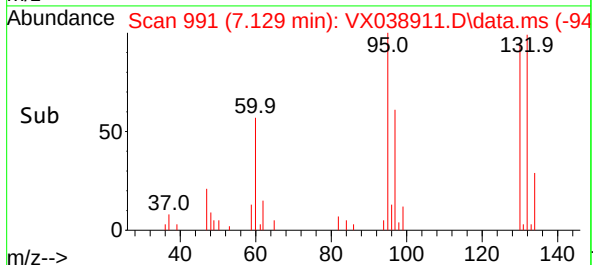
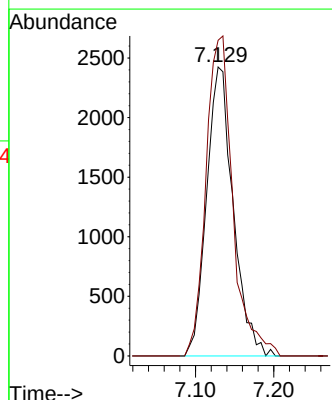
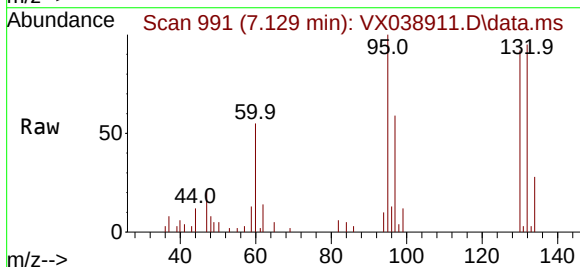
Acq: 18 Nov 2023 05:53

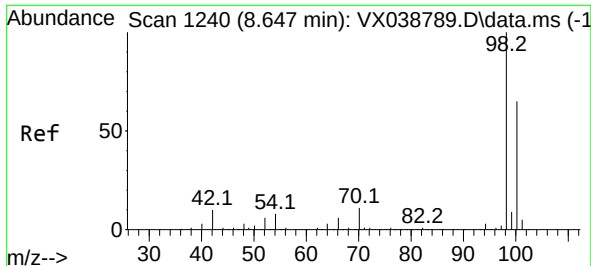
Tgt Ion:130 Resp: 5718

Ion Ratio Lower Upper

130 100

95 109.2 0.0 204.4

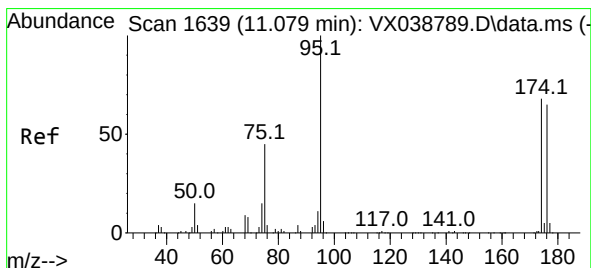
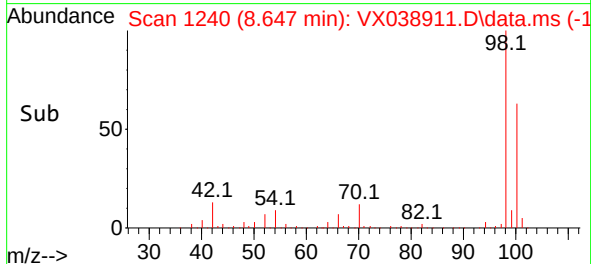
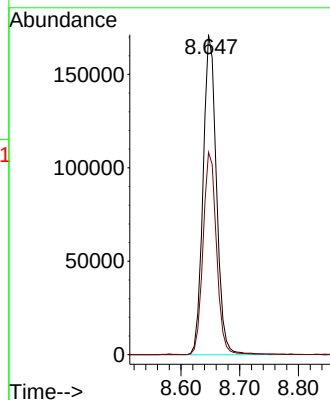
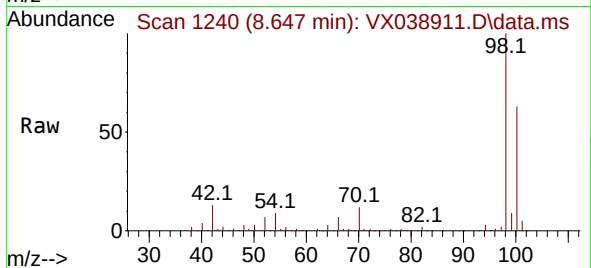




#50  
Toluene-d8  
Concen: 45.551 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX038911.D  
Acq: 18 Nov 2023 05:53

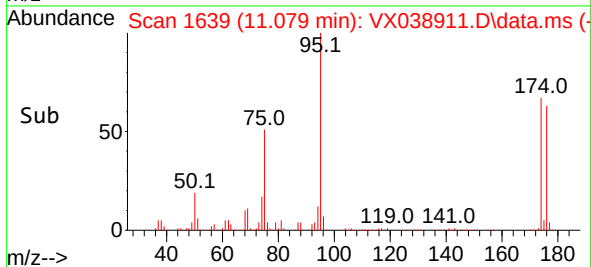
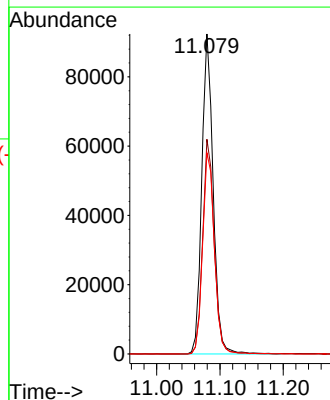
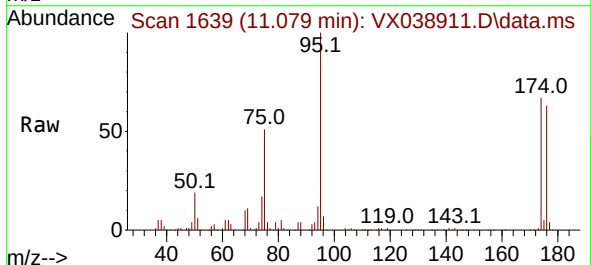
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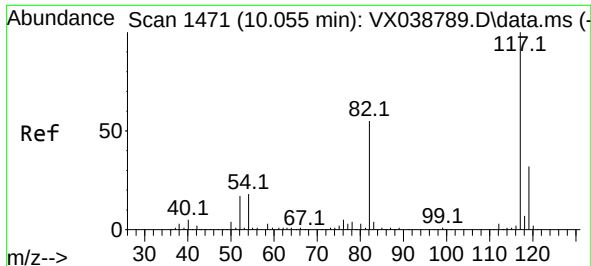
Tgt Ion: 98 Resp: 271519  
Ion Ratio Lower Upper  
98 100  
100 63.7 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 48.525 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX038911.D  
Acq: 18 Nov 2023 05:53

Tgt Ion: 95 Resp: 115788  
Ion Ratio Lower Upper  
95 100  
174 67.7 0.0 135.6  
176 65.1 0.0 131.0

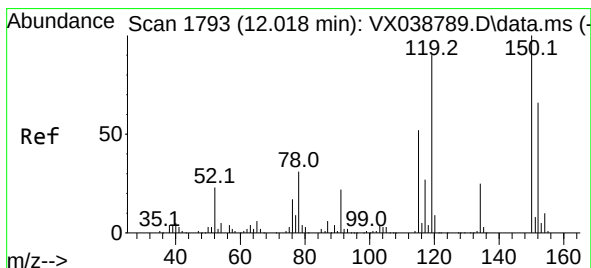
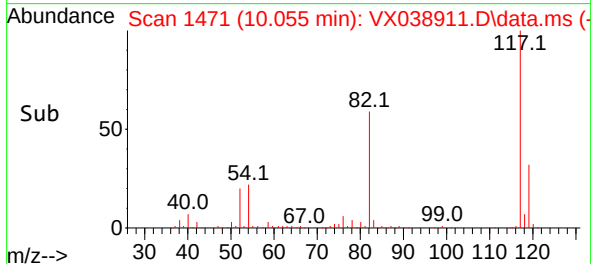
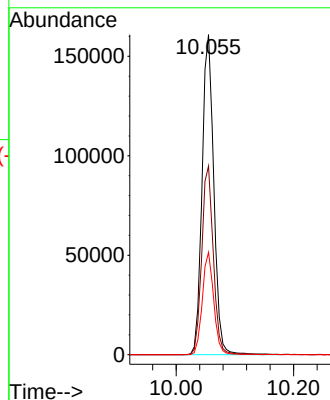
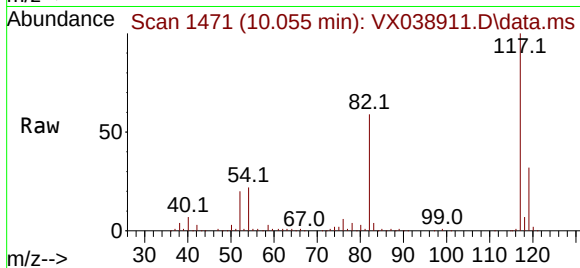




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX038911.D  
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Instrument :  
MSVOA\_X  
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Tgt Ion:117 Resp: 223183  
Ion Ratio Lower Upper  
117 100  
82 59.0 46.2 69.4  
119 32.0 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.006 min  
Lab File: VX038911.D  
Acq: 18 Nov 2023 05:53

Tgt Ion:152 Resp: 109098  
Ion Ratio Lower Upper  
152 100  
115 65.5 43.3 129.9  
150 157.6 0.0 345.0

