

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX022423\  
 Data File : VX034265.D  
 Acq On : 24 Feb 2023 15:50  
 Operator : JC/MD  
 Sample : 01701-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EB-2023-2-24

Quant Time: Feb 24 22:23:18 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 17 12:33:35 2023  
 Response via : Initial Calibration

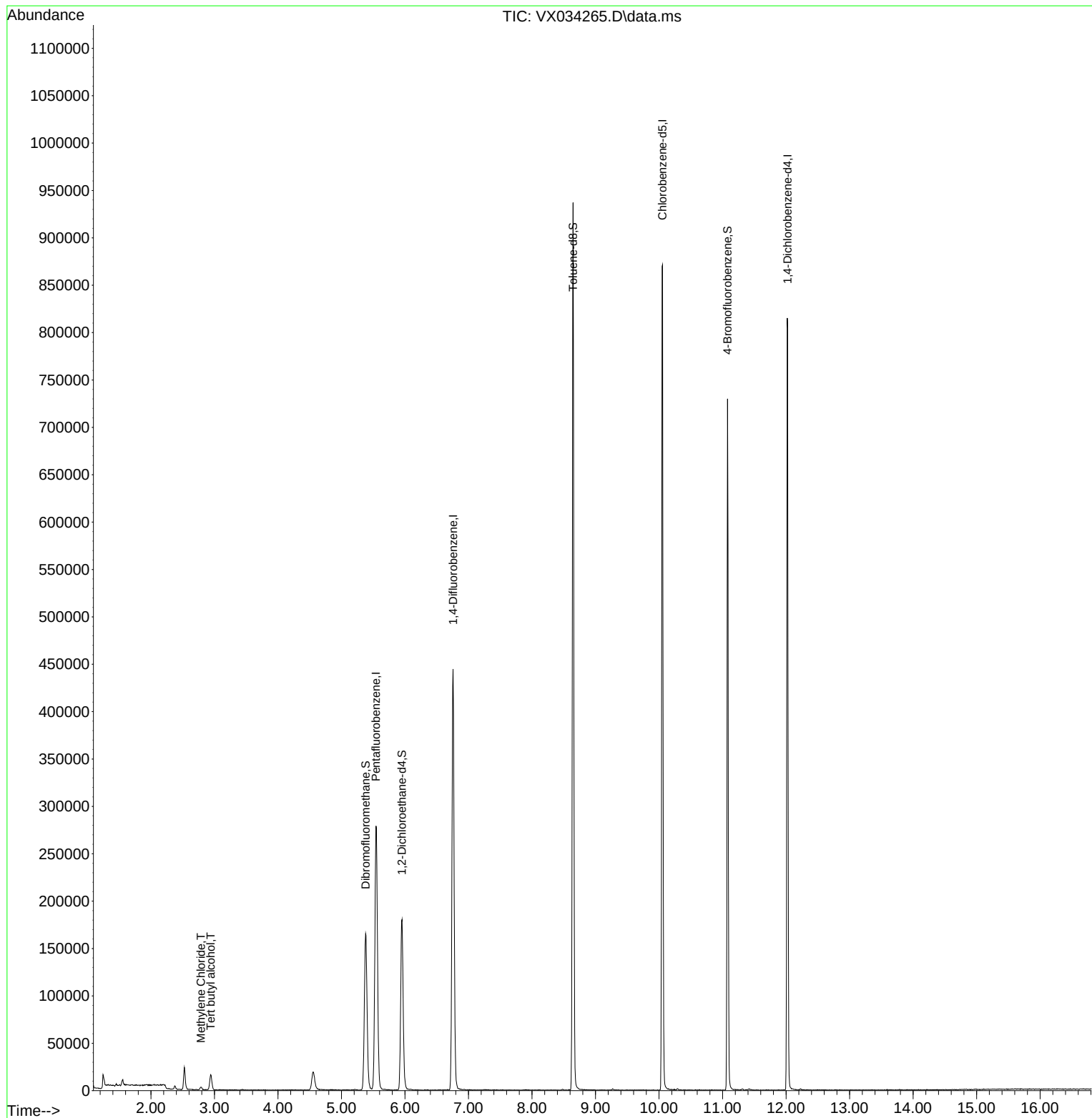
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.544  | 168   | 282561   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 468326   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 413894   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 179580   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 166143   | 43.659   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 87.320%  |
| 35) Dibromofluoromethane    | 5.379  | 113   | 146622   | 48.085   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 96.160%  |
| 50) Toluene-d8              | 8.647  | 98    | 554515   | 50.650   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 101.300% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 186432   | 44.520   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 89.040%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 11) Tert butyl alcohol      | 2.940  | 59    | 9133     | 10.730   | ug/l # | 93       |
| 20) Methylene Chloride      | 2.788  | 84    | 1529     | 0.432    | ug/l # | 96       |
| -----                       |        |       |          |          |        |          |

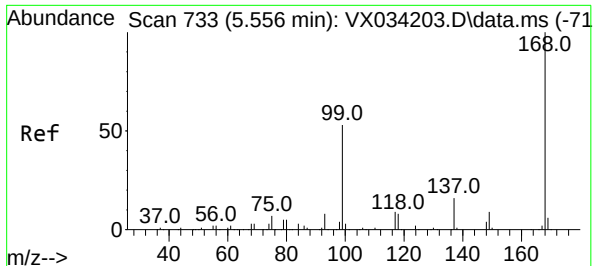
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Fri Feb 17 12:33:35 2023  
Response via : Initial Calibration

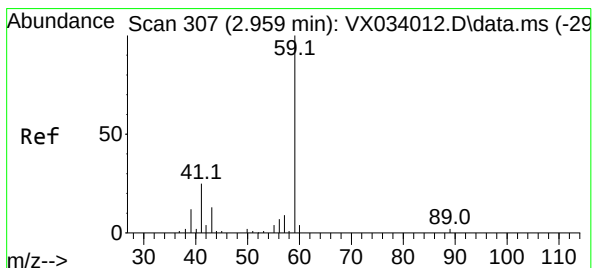
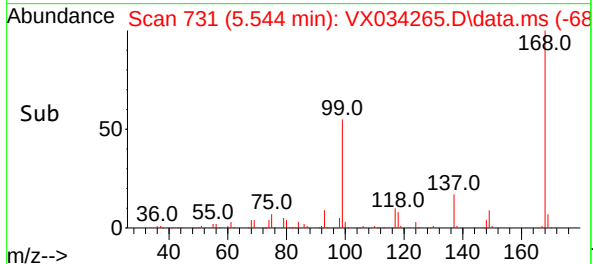
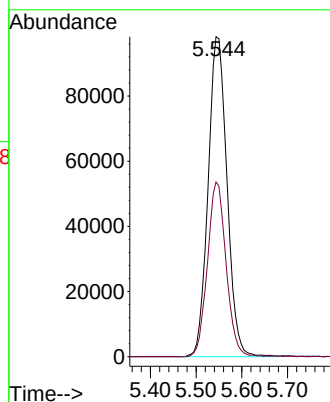
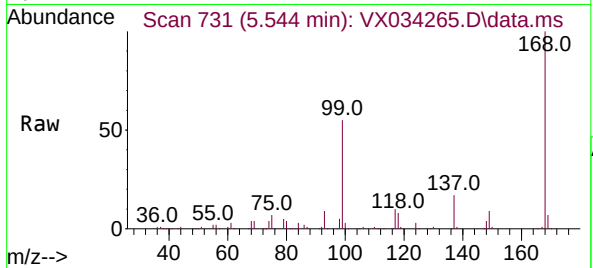




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX034265.D  
Acq: 24 Feb 2023 15:50

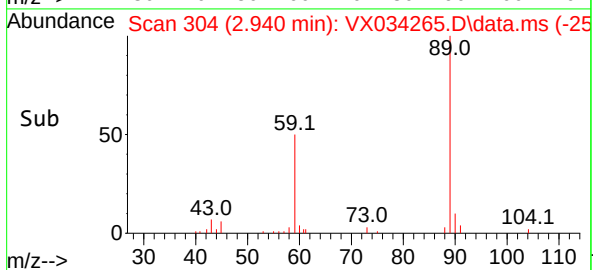
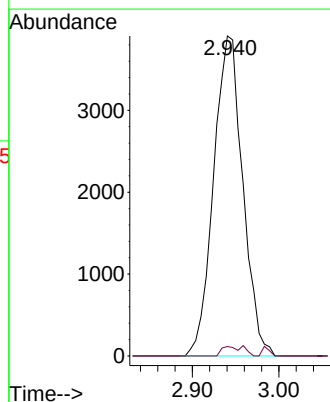
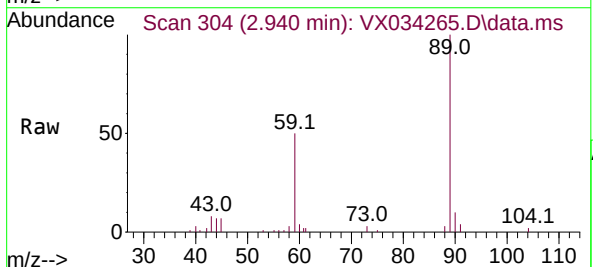
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MSVOA\_X  
ClientSampleId :  
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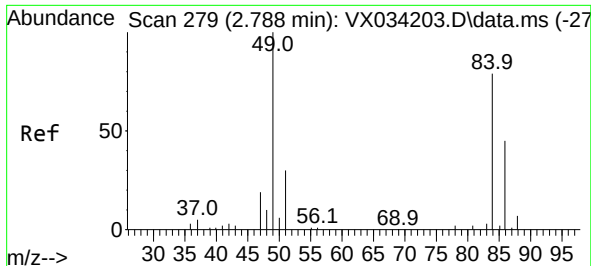
Tgt Ion:168 Resp: 282561  
Ion Ratio Lower Upper  
168 100  
99 54.6 39.6 59.4



#11  
Tert butyl alcohol  
Concen: 10.730 ug/l  
RT: 2.940 min Scan# 304  
Delta R.T. -0.012 min  
Lab File: VX034265.D  
Acq: 24 Feb 2023 15:50

Tgt Ion: 59 Resp: 9133  
Ion Ratio Lower Upper  
59 100  
57 2.3 3.7 5.5#

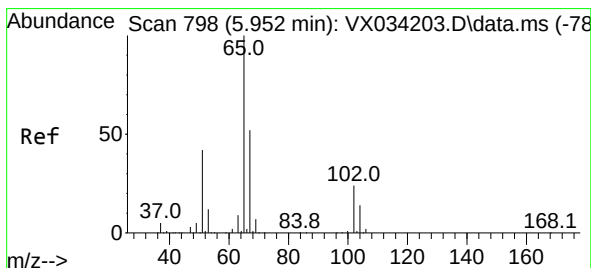
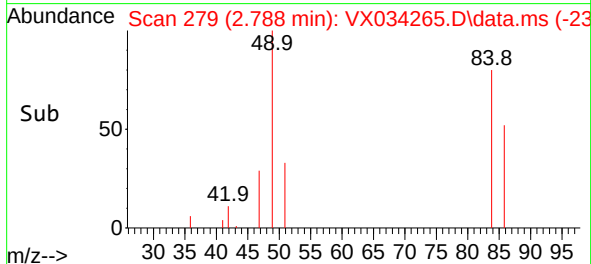
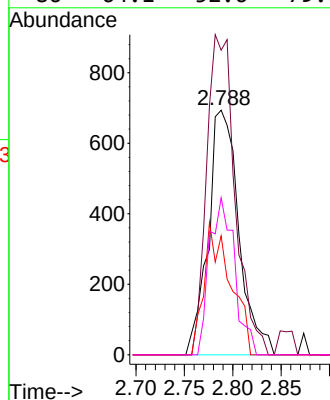
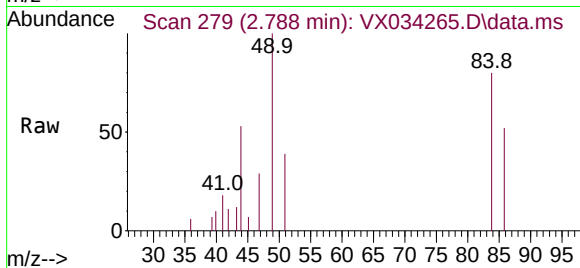




#20  
Methylene Chloride  
Concen: 0.432 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX034265.D  
Acq: 24 Feb 2023 15:50

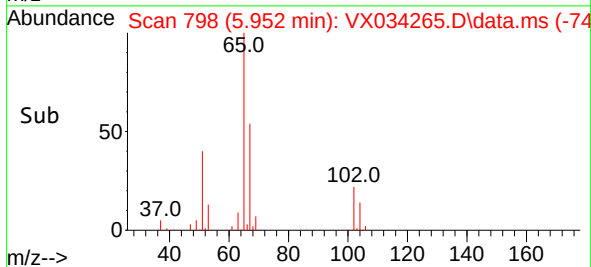
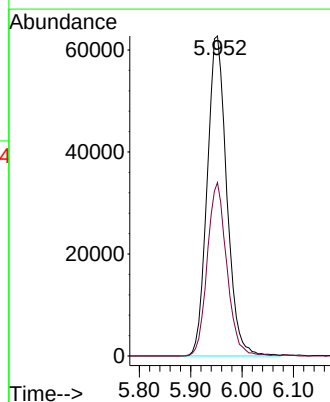
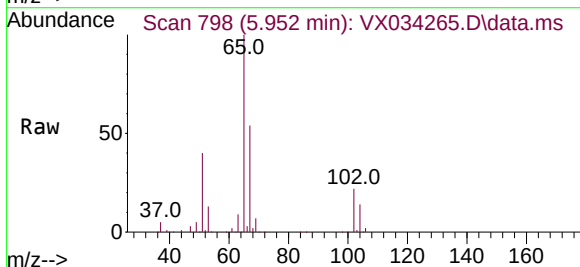
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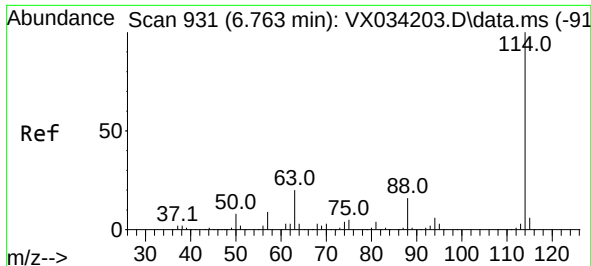
Tgt Ion: 84 Resp: 1529  
Ion Ratio Lower Upper  
84 100  
49 124.5 101.1 151.7  
51 48.6 31.0 46.6#  
86 64.1 52.6 79.0



#33  
1,2-Dichloroethane-d4  
Concen: 43.659 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: VX034265.D  
Acq: 24 Feb 2023 15:50

Tgt Ion: 65 Resp: 166143  
Ion Ratio Lower Upper  
65 100  
67 54.0 0.0 104.8

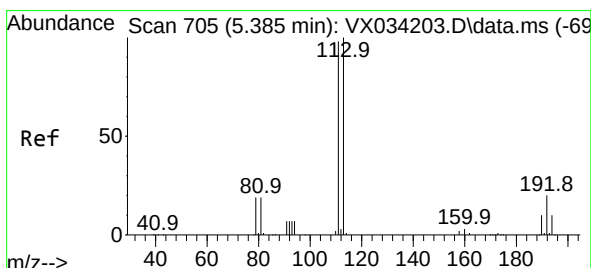
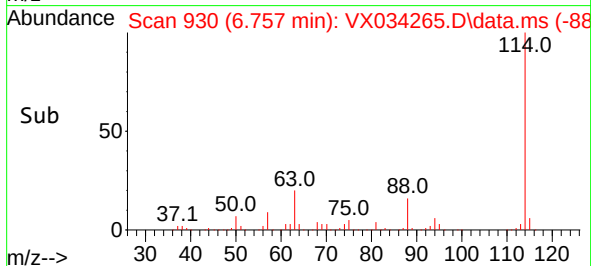
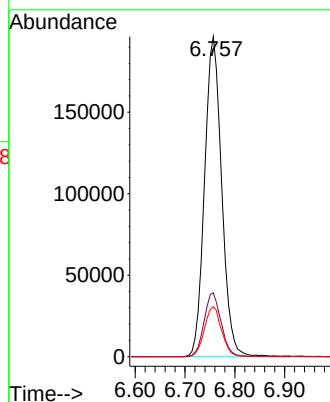
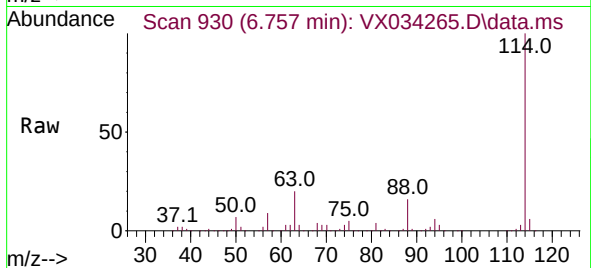




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX034265.D  
Acq: 24 Feb 2023 15:50

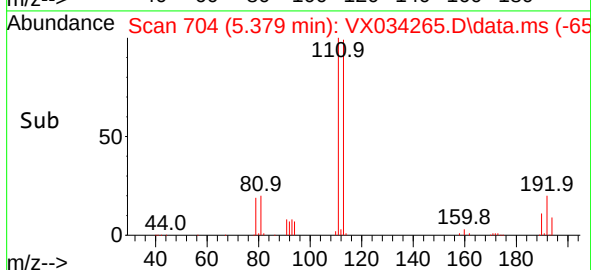
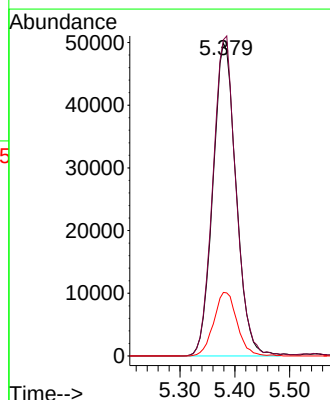
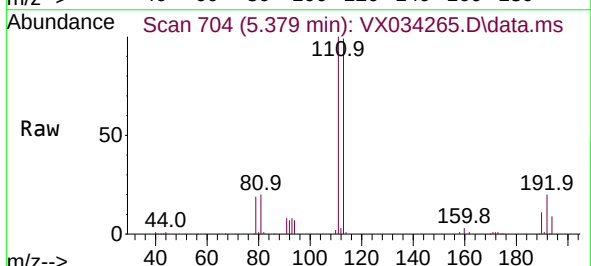
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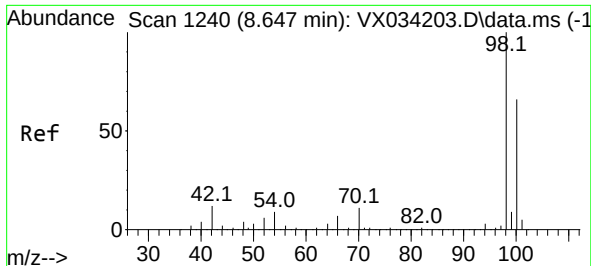
Tgt Ion:114 Resp: 468326  
Ion Ratio Lower Upper  
114 100  
63 19.9 0.0 37.4  
88 15.6 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 48.085 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX034265.D  
Acq: 24 Feb 2023 15:50

Tgt Ion:113 Resp: 146622  
Ion Ratio Lower Upper  
113 100  
111 102.1 83.0 124.6  
192 20.4 19.0 28.4

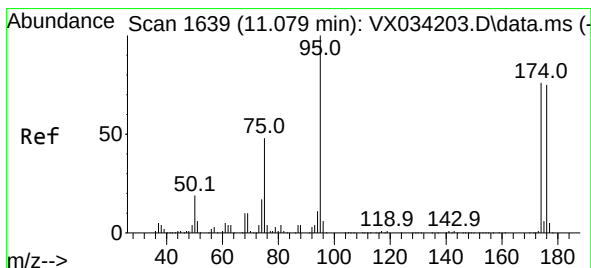
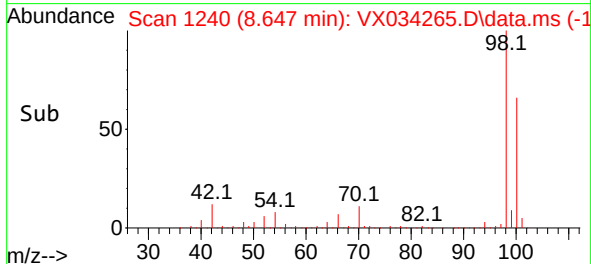
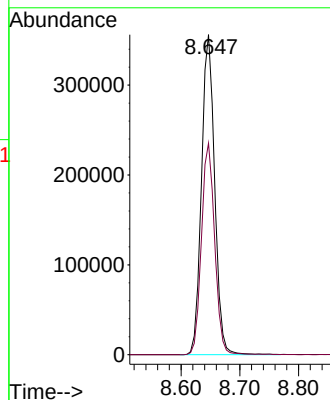
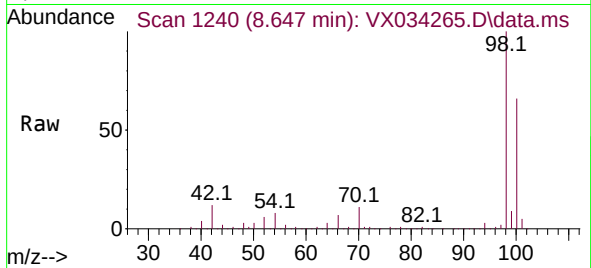




#50  
Toluene-d8  
Concen: 50.650 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX034265.D  
Acq: 24 Feb 2023 15:50

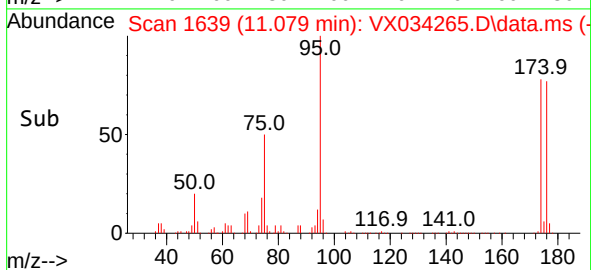
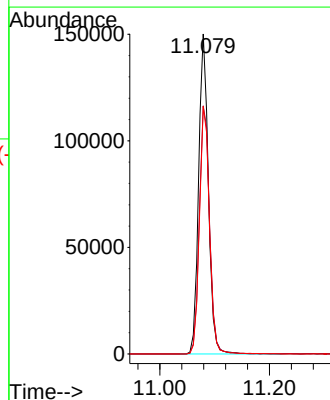
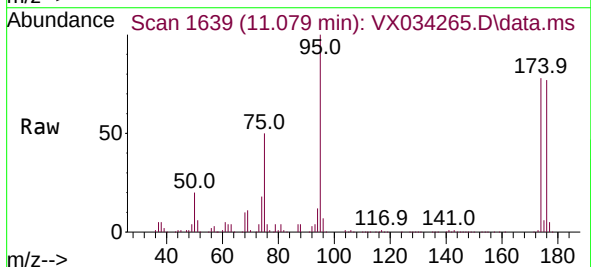
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ClientSampleId :  
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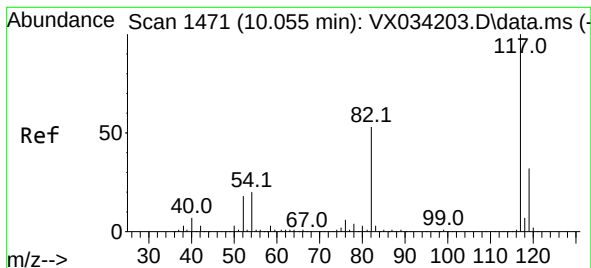
Tgt Ion: 98 Resp: 554515  
Ion Ratio Lower Upper  
98 100  
100 66.3 53.6 80.4



#62  
4-Bromofluorobenzene  
Concen: 44.520 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX034265.D  
Acq: 24 Feb 2023 15:50

Tgt Ion: 95 Resp: 186432  
Ion Ratio Lower Upper  
95 100  
174 81.6 0.0 184.4  
176 79.6 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX034265.D

Acq: 24 Feb 2023 15:50

Instrument :

MSVOA\_X

ClientSampleId :

EB-2023-2-24

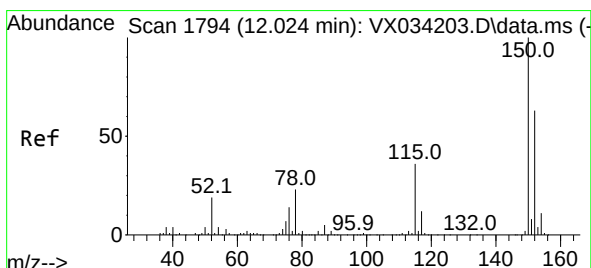
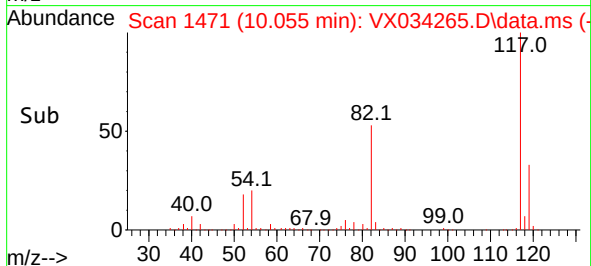
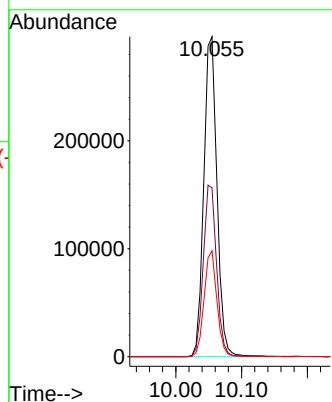
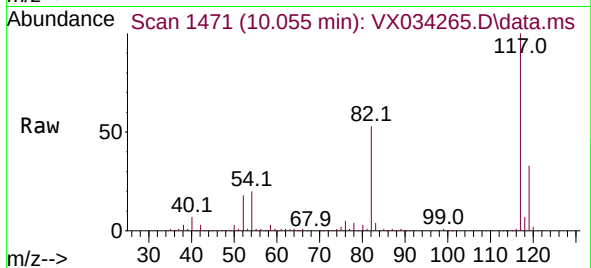
Tgt Ion:117 Resp: 413894

Ion Ratio Lower Upper

117 100

82 52.8 40.6 60.8

119 33.1 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034265.D

Acq: 24 Feb 2023 15:50

Tgt Ion:152 Resp: 179580

Ion Ratio Lower Upper

152 100

115 57.2 38.7 116.1

150 157.4 0.0 348.2

