

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX021224\  
 Data File : VX040204.D  
 Acq On : 12 Feb 2024 17:00  
 Operator : JC/MD  
 Sample : P1372-07DL 10X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CG-MW-17-ch6DL

Quant Time: Feb 12 18:09:15 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X020924W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 12 00:21:14 2024  
 Response via : Initial Calibration

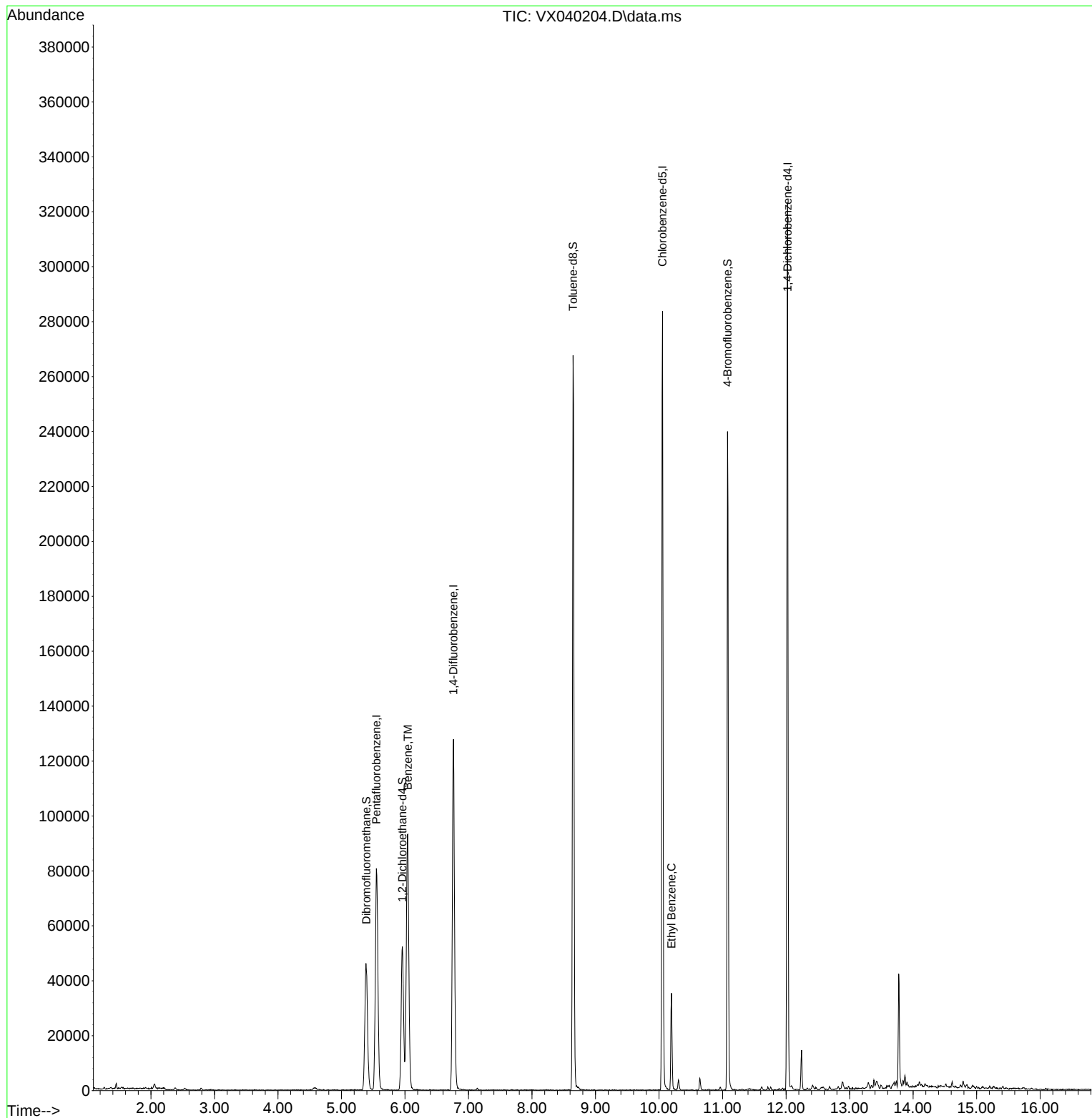
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 75427    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 130800   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 125587   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 67035    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 50733    | 45.211   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 90.420%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 41038    | 44.927   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 89.860%  |
| 50) Toluene-d8              | 8.647  | 98    | 158025   | 46.248   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 92.500%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 63512    | 45.576   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 91.160%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 40) Benzene                 | 6.044  | 78    | 112932   | 31.561   | ug/l   | 96       |
| 67) Ethyl Benzene           | 10.195 | 91    | 21436    | 4.592    | ug/l   | 95       |
| -----                       |        |       |          |          |        |          |

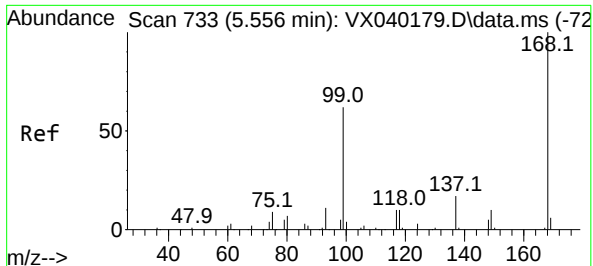
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :  
CG-MW-17-ch6DL

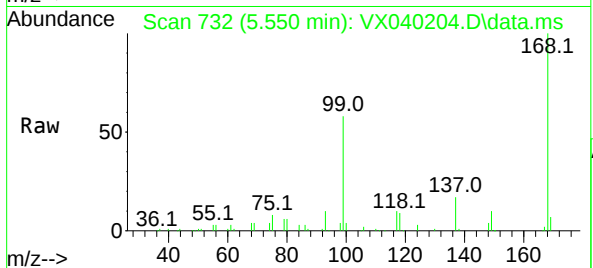
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X020924W.M  
Quant Title : SW846 8260  
QLast Update : Mon Feb 12 00:21:14 2024  
Response via : Initial Calibration



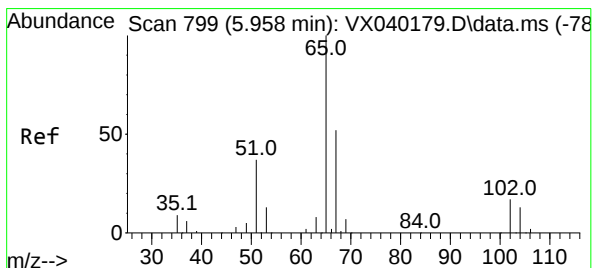
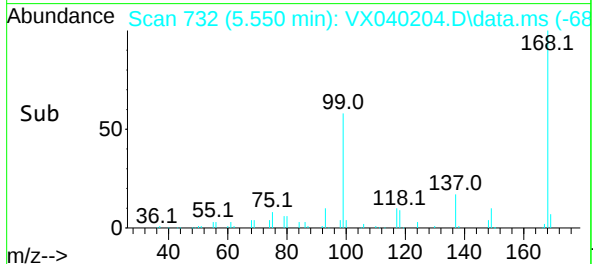
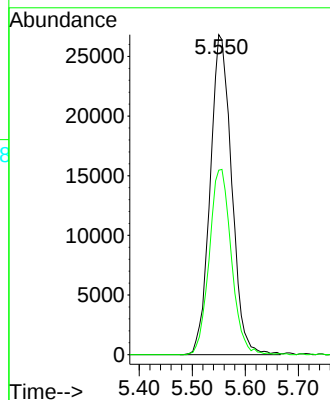


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 713  
Delta R.T. -0.000 min  
Lab File: VX040204.D  
Acq: 12 Feb 2024 17:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
CG-MW-17-ch6DL

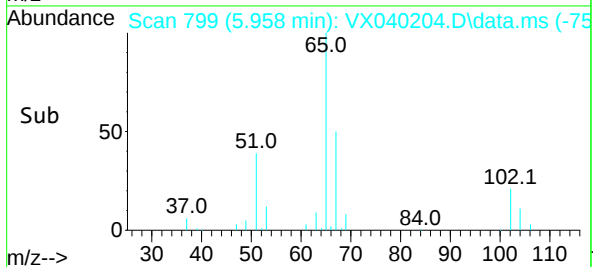
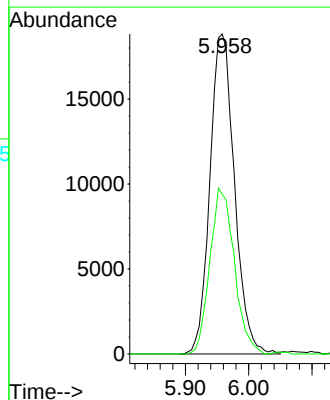
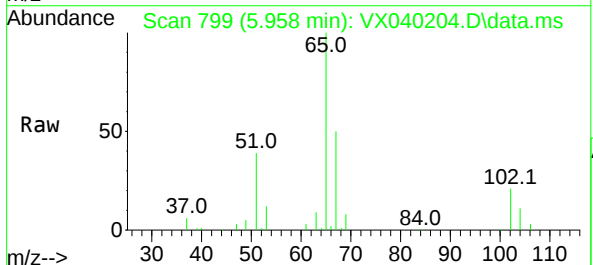


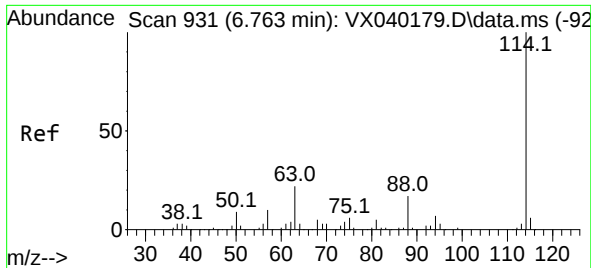
Tgt Ion:168 Resp: 75427  
Ion Ratio Lower Upper  
168 100  
99 57.7 56.6 85.0



#33  
1,2-Dichloroethane-d4  
Concen: 45.211 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX040204.D  
Acq: 12 Feb 2024 17:00

Tgt Ion: 65 Resp: 50733  
Ion Ratio Lower Upper  
65 100  
67 51.6 0.0 100.2

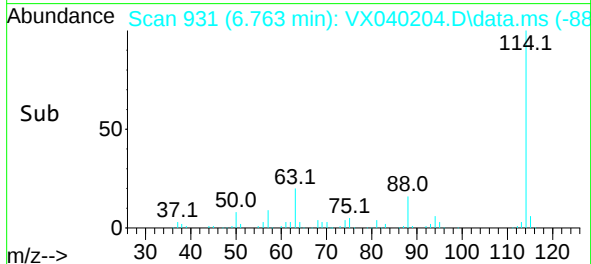
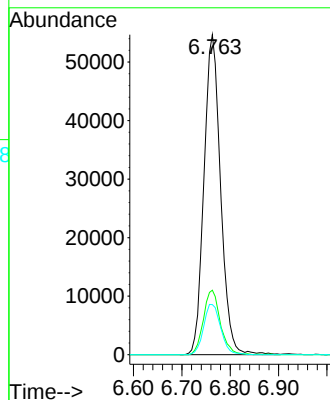
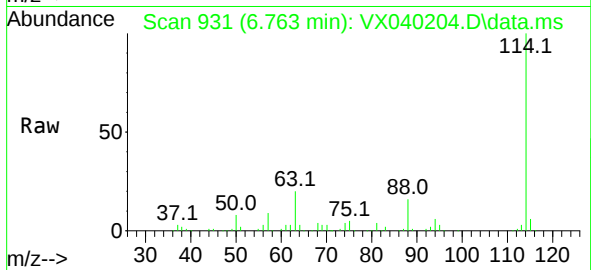




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX040204.D  
Acq: 12 Feb 2024 17:00

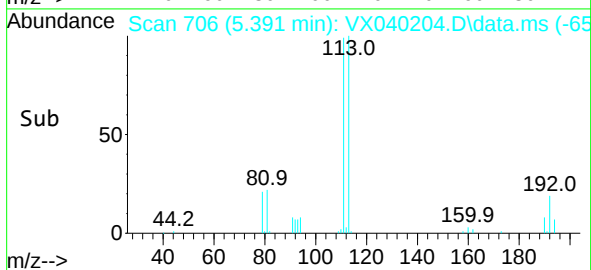
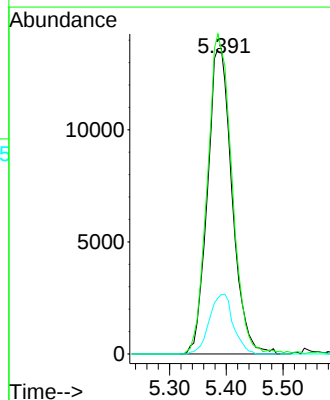
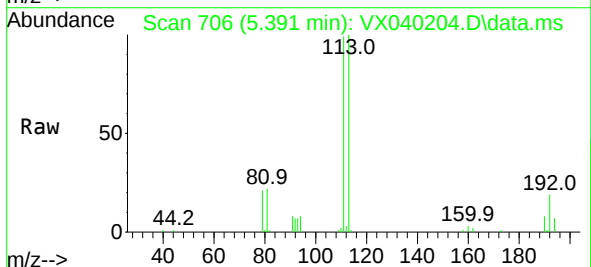
Instrument :  
MSVOA\_X  
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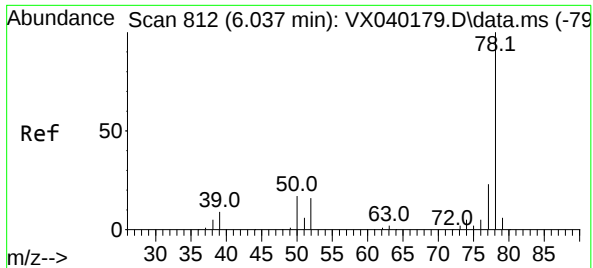
Tgt Ion:114 Resp: 130800  
Ion Ratio Lower Upper  
114 100  
63 20.2 0.0 45.0  
88 15.6 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 44.927 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX040204.D  
Acq: 12 Feb 2024 17:00

Tgt Ion:113 Resp: 41038  
Ion Ratio Lower Upper  
113 100  
111 104.7 82.9 124.3  
192 18.9 13.3 19.9

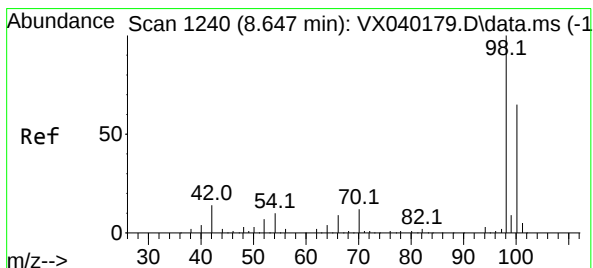
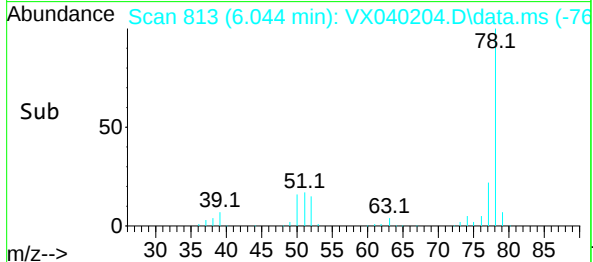
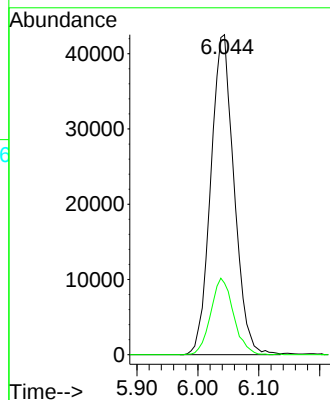
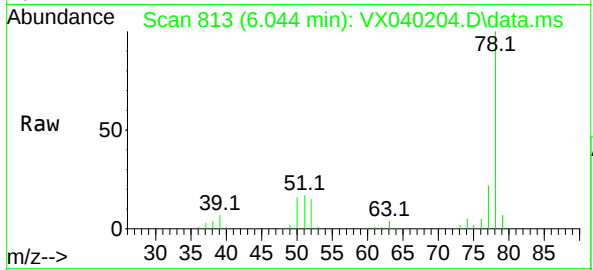




#40  
Benzene  
Concen: 31.561 ug/l  
RT: 6.044 min Scan# 812  
Delta R.T. 0.006 min  
Lab File: VX040204.D  
Acq: 12 Feb 2024 17:00

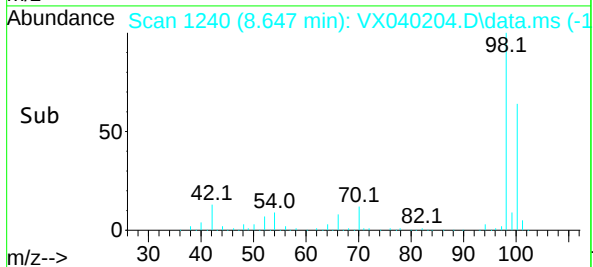
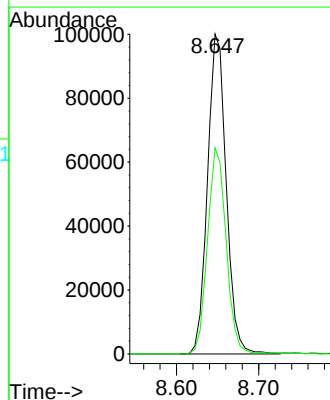
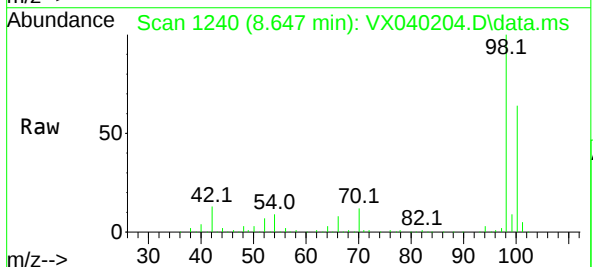
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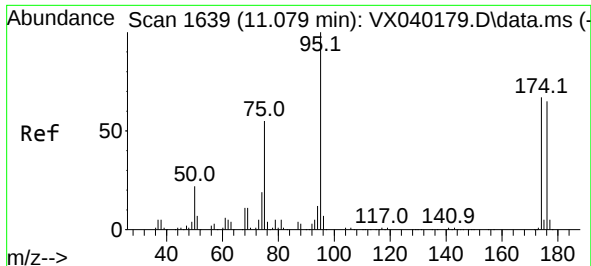
Tgt Ion: 78 Resp: 112932  
Ion Ratio Lower Upper  
78 100  
77 22.3 19.3 28.9



#50  
Toluene-d8  
Concen: 46.248 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.006 min  
Lab File: VX040204.D  
Acq: 12 Feb 2024 17:00

Tgt Ion: 98 Resp: 158025  
Ion Ratio Lower Upper  
98 100  
100 64.5 53.1 79.7

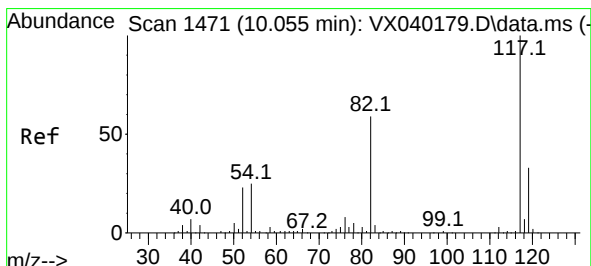
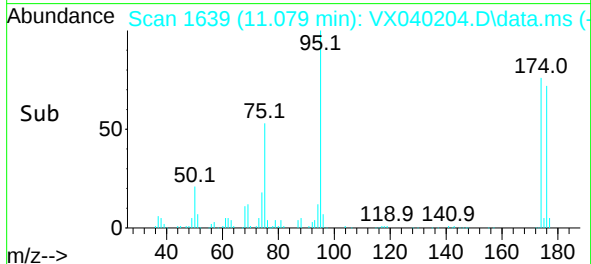
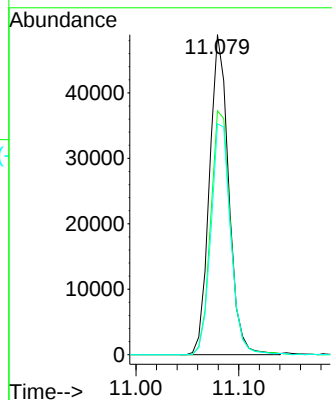
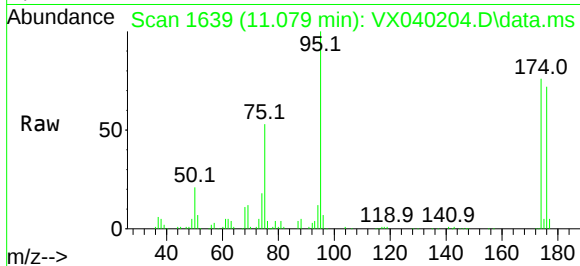




#62  
4-Bromofluorobenzene  
Concen: 45.576 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX040204.D  
Acq: 12 Feb 2024 17:00

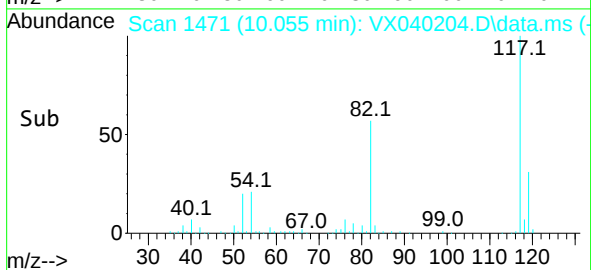
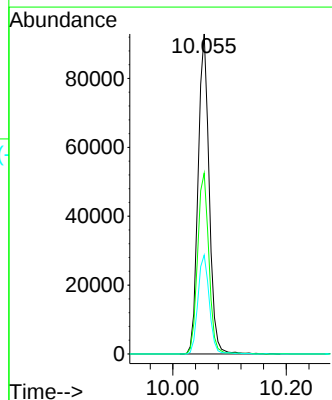
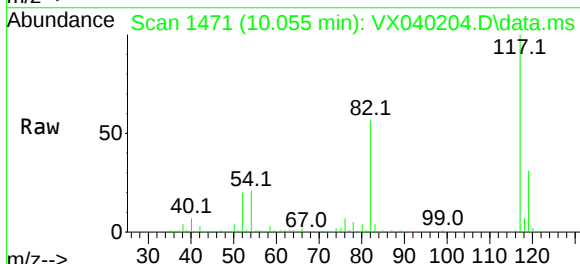
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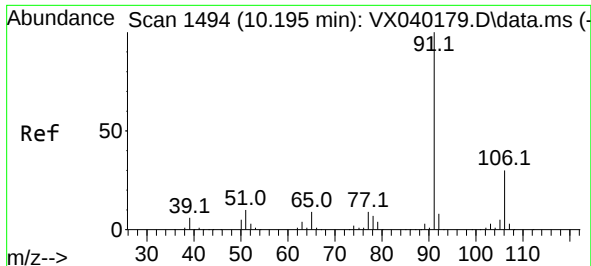
Tgt Ion: 95 Resp: 63512  
Ion Ratio Lower Upper  
95 100  
174 78.4 0.0 135.6  
176 74.3 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX040204.D  
Acq: 12 Feb 2024 17:00

Tgt Ion: 117 Resp: 125587  
Ion Ratio Lower Upper  
117 100  
82 56.5 46.2 69.4  
119 30.9 25.5 38.3





#67

Ethyl Benzene

Concen: 4.592 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX040204.D

Acq: 12 Feb 2024 17:00

Instrument :

MSVOA\_X

ClientSampleId :

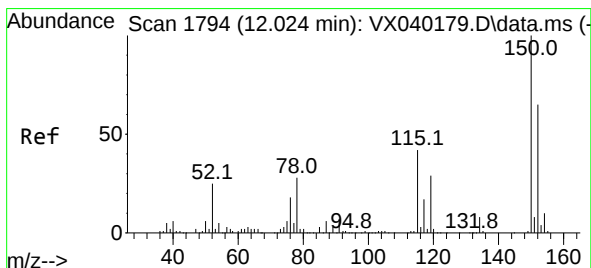
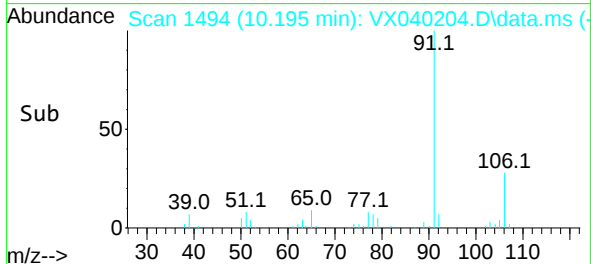
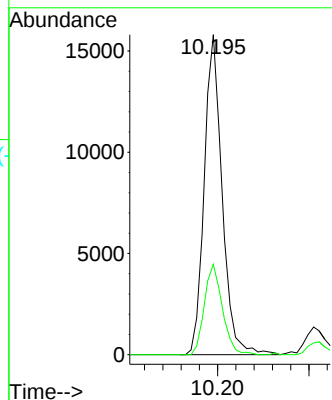
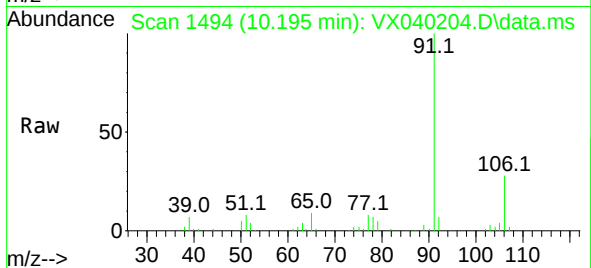
CG-MW-17-ch6DL

Tgt Ion: 91 Resp: 21436

Ion Ratio Lower Upper

91 100

106 28.3 24.9 37.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX040204.D

Acq: 12 Feb 2024 17:00

Tgt Ion: 152 Resp: 67035

Ion Ratio Lower Upper

152 100

115 60.7 43.3 129.9

150 156.1 0.0 345.0

