

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX040924\  
 Data File : VX040948.D  
 Acq On : 09 Apr 2024 12:01  
 Operator : JC/MD  
 Sample : P1995-05DL 100X  
 Misc : 1.97g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MOO-23-00113DL

Quant Time: Apr 09 12:27:53 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040124W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 02 05:40:55 2024  
 Response via : Initial Calibration

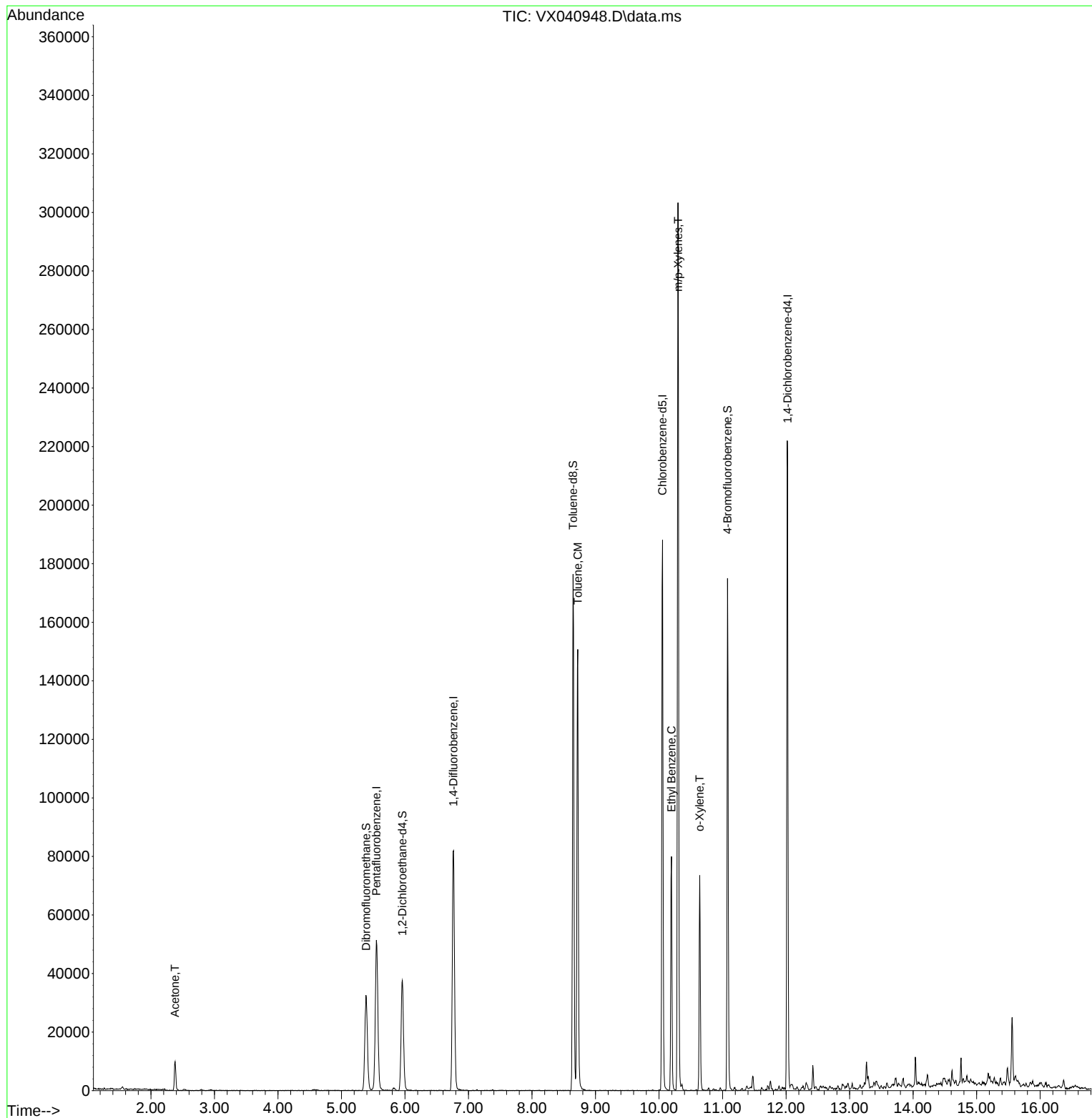
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 45157    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 79602    | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 79114    | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 42254    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 39849    | 49.182   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 98.360%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 27153    | 48.159   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 96.320%  |
| 50) Toluene-d8              | 8.647  | 98    | 100559   | 49.358   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 98.720%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 43098    | 52.971   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 105.940% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.379  | 43    | 10838    | 34.449   | ug/l   | 98       |
| 52) Toluene                 | 8.720  | 92    | 54070    | 38.539   | ug/l   | 95       |
| 67) Ethyl Benzene           | 10.195 | 91    | 44959    | 14.571   | ug/l   | 97       |
| 68) m/p-Xylenes             | 10.299 | 106   | 63954    | 56.965   | ug/l   | 94       |
| 69) o-Xylene                | 10.640 | 106   | 14034    | 13.269   | ug/l   | 87       |
| -----                       |        |       |          |          |        |          |

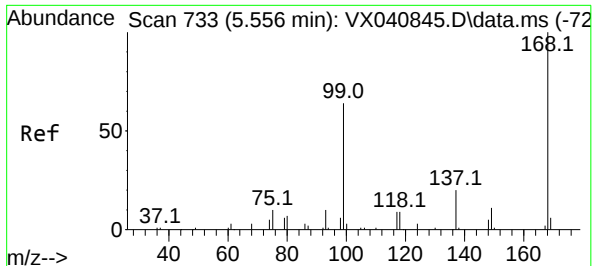
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 02 05:40:55 2024  
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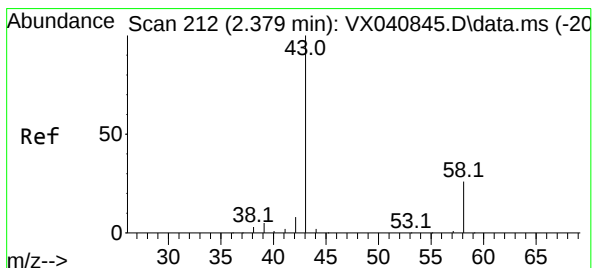
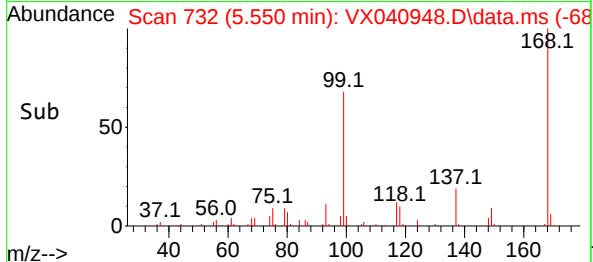
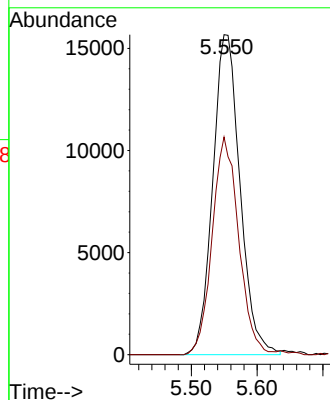
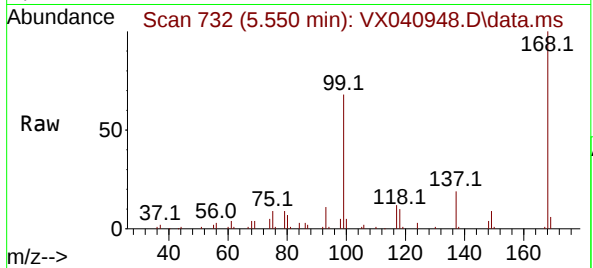




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX040948.D  
Acq: 09 Apr 2024 12:01

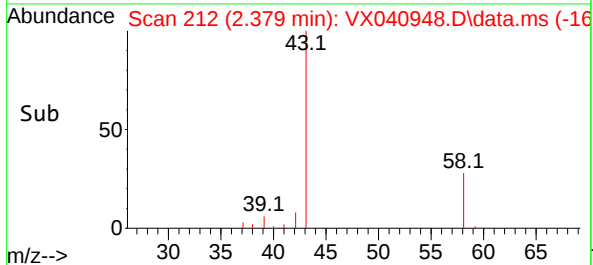
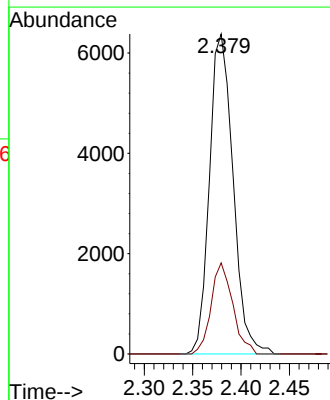
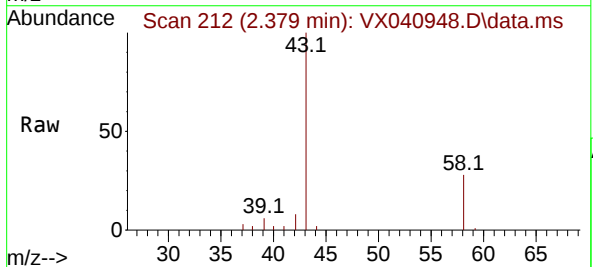
Instrument :  
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ClientSampleId :  
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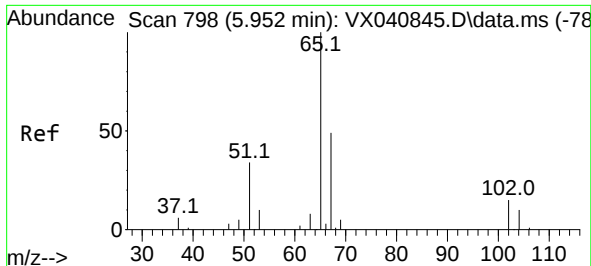
Tgt Ion:168 Resp: 45157  
Ion Ratio Lower Upper  
168 100  
99 68.0 56.6 85.0



#16  
Acetone  
Concen: 34.449 ug/l  
RT: 2.379 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX040948.D  
Acq: 09 Apr 2024 12:01

Tgt Ion: 43 Resp: 10838  
Ion Ratio Lower Upper  
43 100  
58 28.5 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 49.182 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040948.D

Acq: 09 Apr 2024 12:01

Instrument :

MSVOA\_X

ClientSampleId :

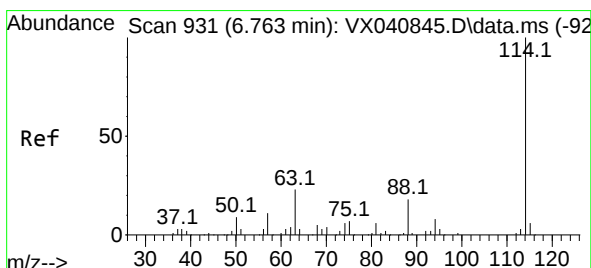
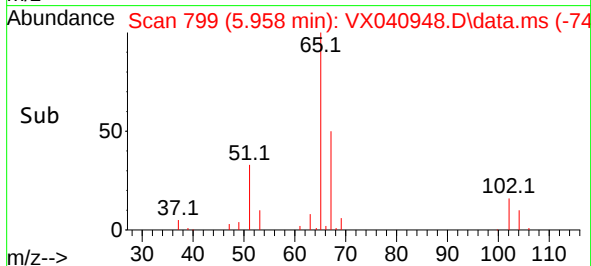
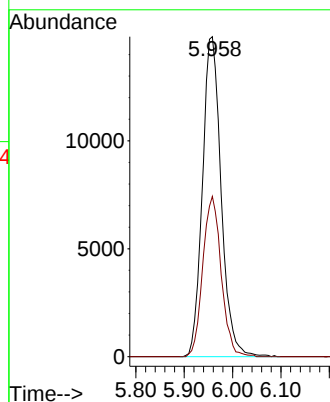
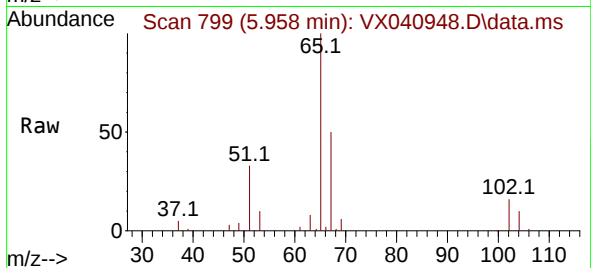
MOO-23-00113DL

Tgt Ion: 65 Resp: 39849

Ion Ratio Lower Upper

65 100

67 49.3 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: VX040948.D

Acq: 09 Apr 2024 12:01

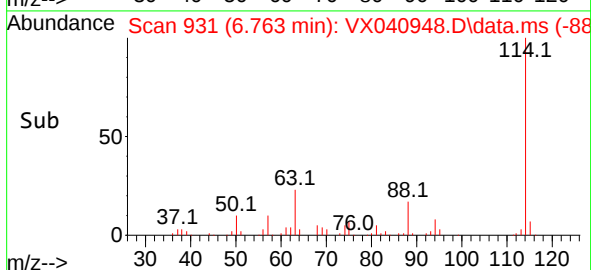
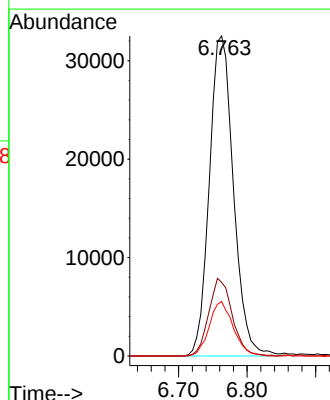
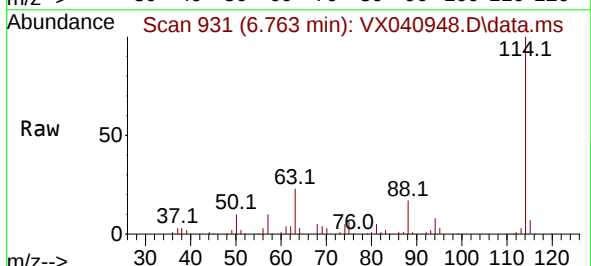
Tgt Ion: 114 Resp: 79602

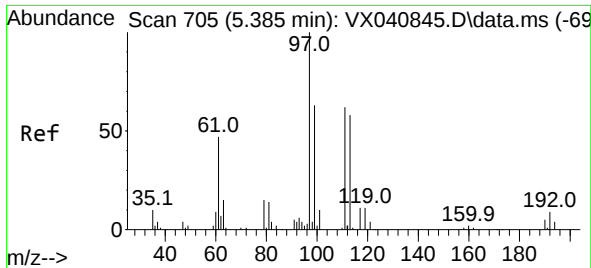
Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.0

88 17.0 0.0 36.6

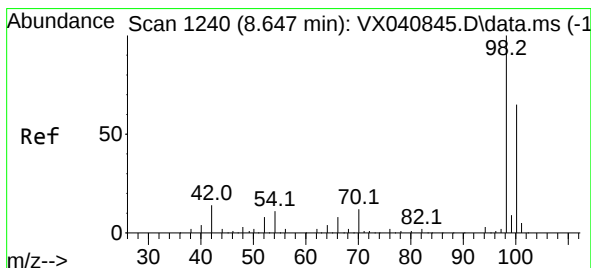
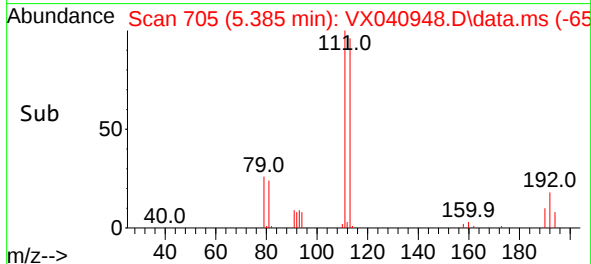
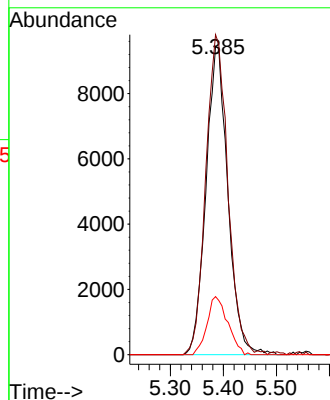
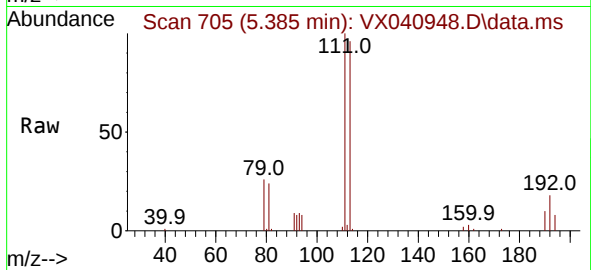




#35  
Dibromofluoromethane  
Concen: 48.159 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX040948.D  
Acq: 09 Apr 2024 12:01

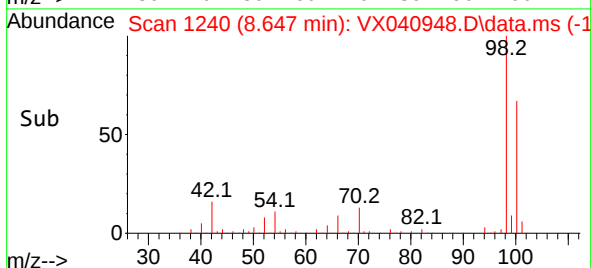
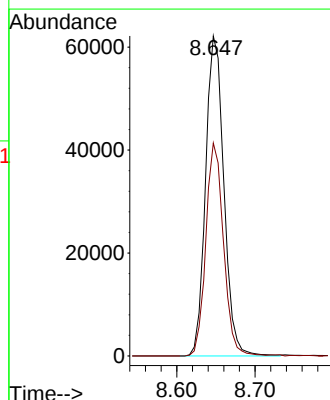
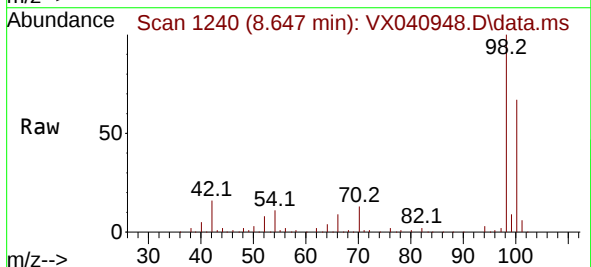
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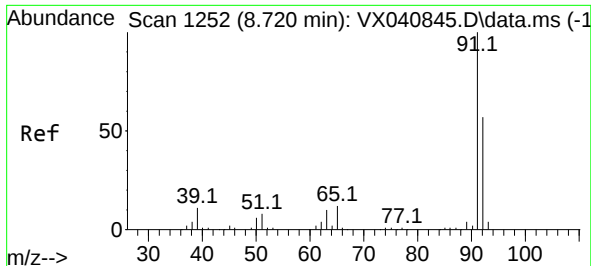
Tgt Ion:113 Resp: 27153  
Ion Ratio Lower Upper  
113 100  
111 104.7 82.9 124.3  
192 17.7 13.3 19.9



#50  
Toluene-d8  
Concen: 49.358 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX040948.D  
Acq: 09 Apr 2024 12:01

Tgt Ion: 98 Resp: 100559  
Ion Ratio Lower Upper  
98 100  
100 64.3 53.1 79.7

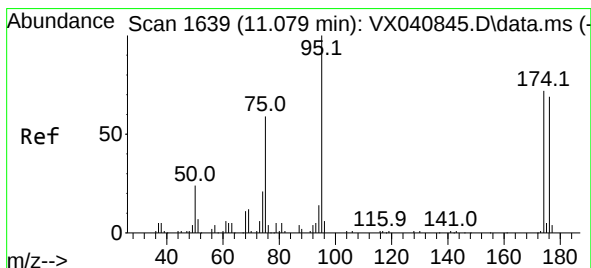
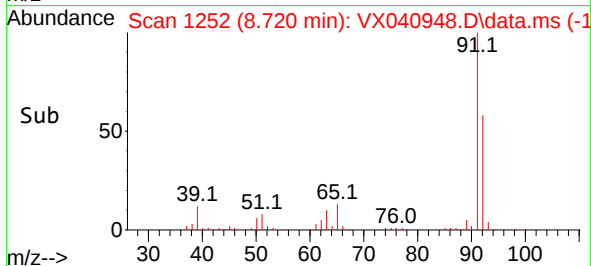
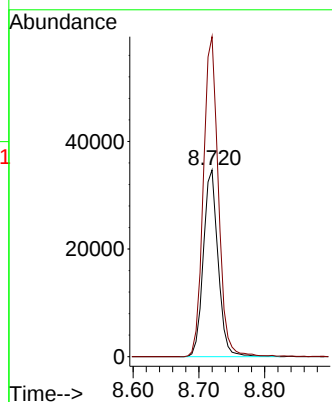
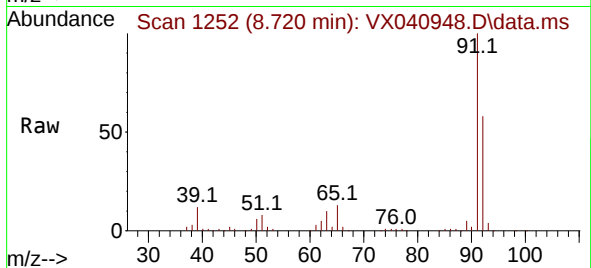




#52  
Toluene  
Concen: 38.539 ug/l  
RT: 8.720 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX040948.D  
Acq: 09 Apr 2024 12:01

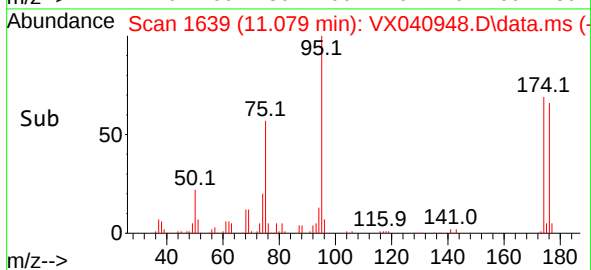
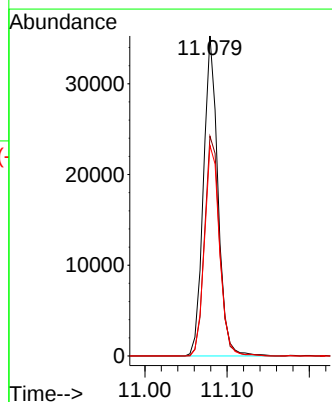
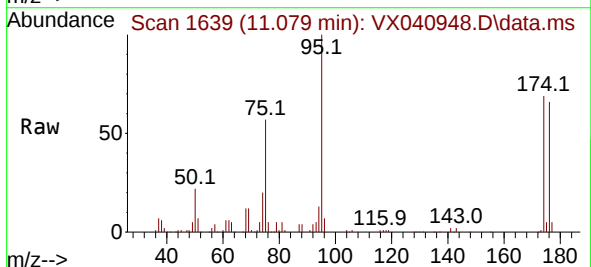
Instrument :  
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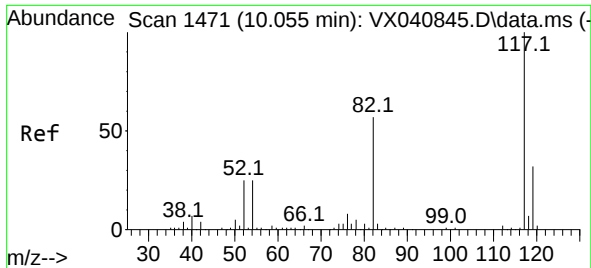
Tgt Ion: 92 Resp: 54070  
Ion Ratio Lower Upper  
92 100  
91 174.4 134.2 201.2



#62  
4-Bromofluorobenzene  
Concen: 52.971 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX040948.D  
Acq: 09 Apr 2024 12:01

Tgt Ion: 95 Resp: 43098  
Ion Ratio Lower Upper  
95 100  
174 71.5 0.0 135.6  
176 68.8 0.0 131.0

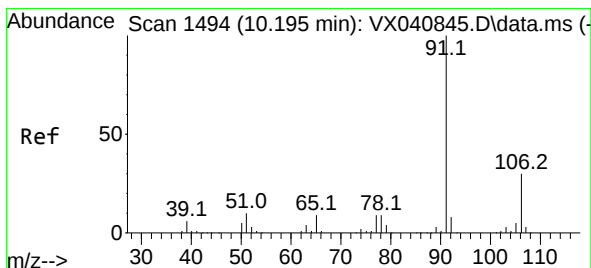
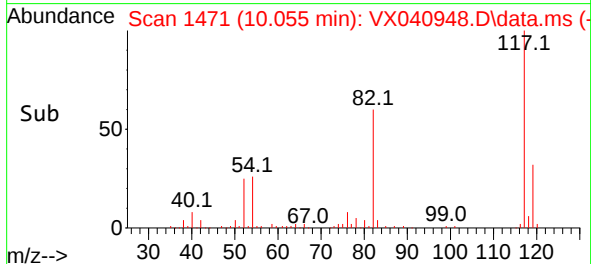
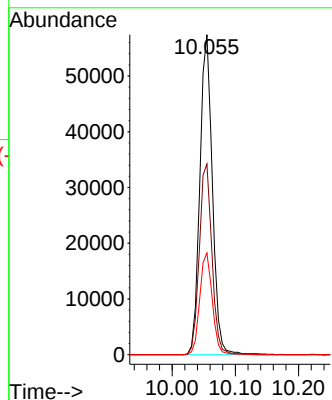
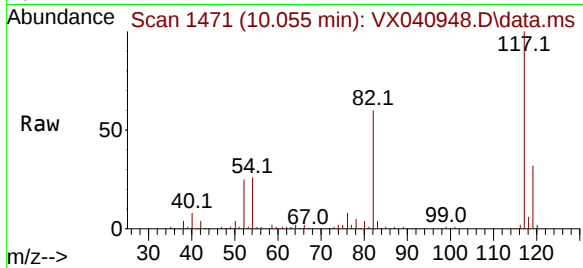




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX040948.D  
Acq: 09 Apr 2024 12:01

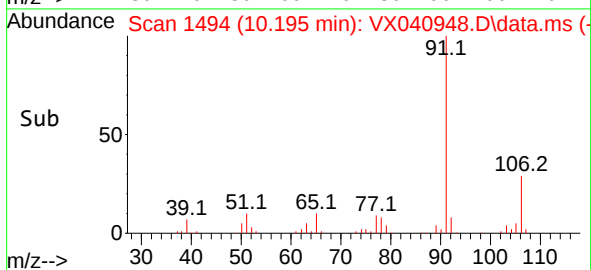
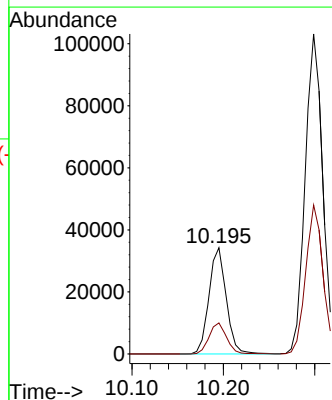
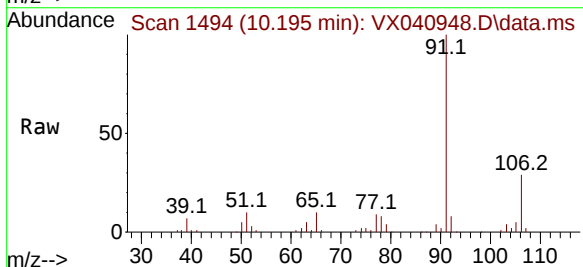
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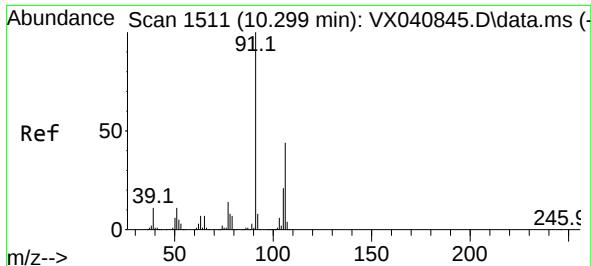
Tgt Ion:117 Resp: 79114  
Ion Ratio Lower Upper  
117 100  
82 59.6 46.2 69.4  
119 31.8 25.5 38.3



#67  
Ethyl Benzene  
Concen: 14.571 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VX040948.D  
Acq: 09 Apr 2024 12:01

Tgt Ion: 91 Resp: 44959  
Ion Ratio Lower Upper  
91 100  
106 29.2 24.9 37.3

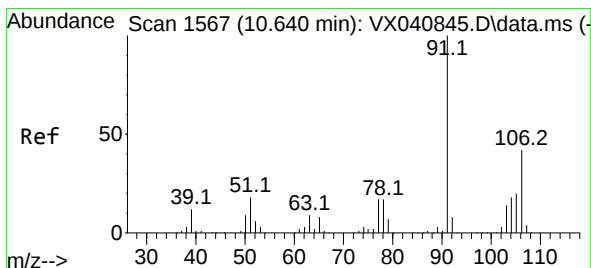
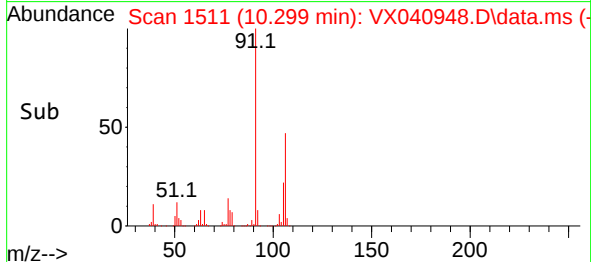
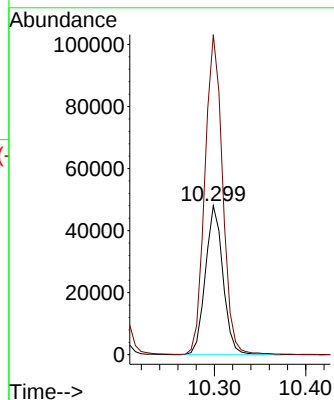
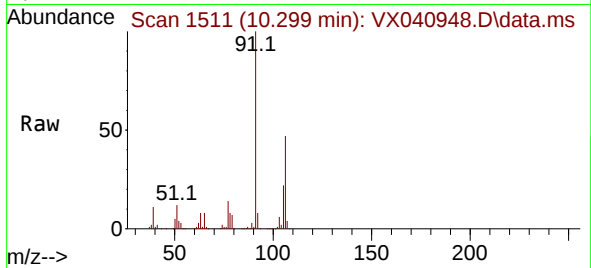




#68  
m/p-Xylenes  
Concen: 56.965 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX040948.D  
Acq: 09 Apr 2024 12:01

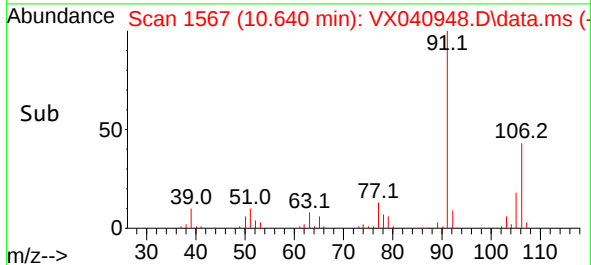
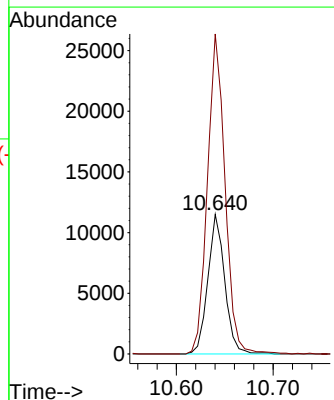
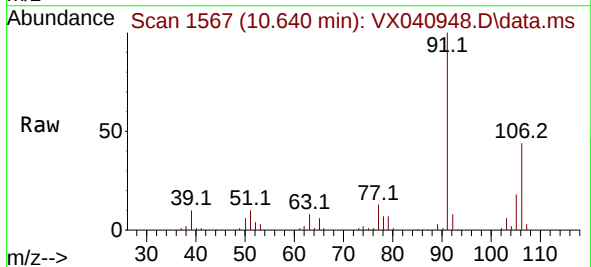
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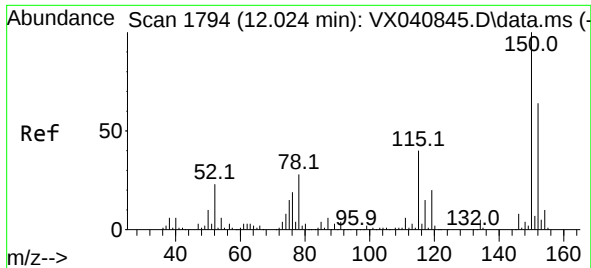
Tgt Ion:106 Resp: 63954  
Ion Ratio Lower Upper  
106 100  
91 217.0 165.5 248.3



#69  
o-Xylene  
Concen: 13.269 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX040948.D  
Acq: 09 Apr 2024 12:01

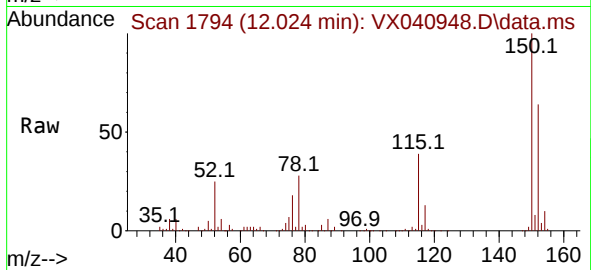
Tgt Ion:106 Resp: 14034  
Ion Ratio Lower Upper  
106 100  
91 238.3 108.9 326.8





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX040948.D  
 Acq: 09 Apr 2024 12:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MOO-23-00113DL



Tgt Ion:152 Resp: 42254  
 Ion Ratio Lower Upper  
 152 100  
 115 64.3 43.3 129.9  
 150 157.7 0.0 345.0

