

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060123\  
 Data File : VX035958.D  
 Acq On : 01 Jun 2023 14:37  
 Operator : JC/MD  
 Sample : 03002-12  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
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Quant Time: Jun 02 01:41:16 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X053123W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 31 12:50:30 2023  
 Response via : Initial Calibration

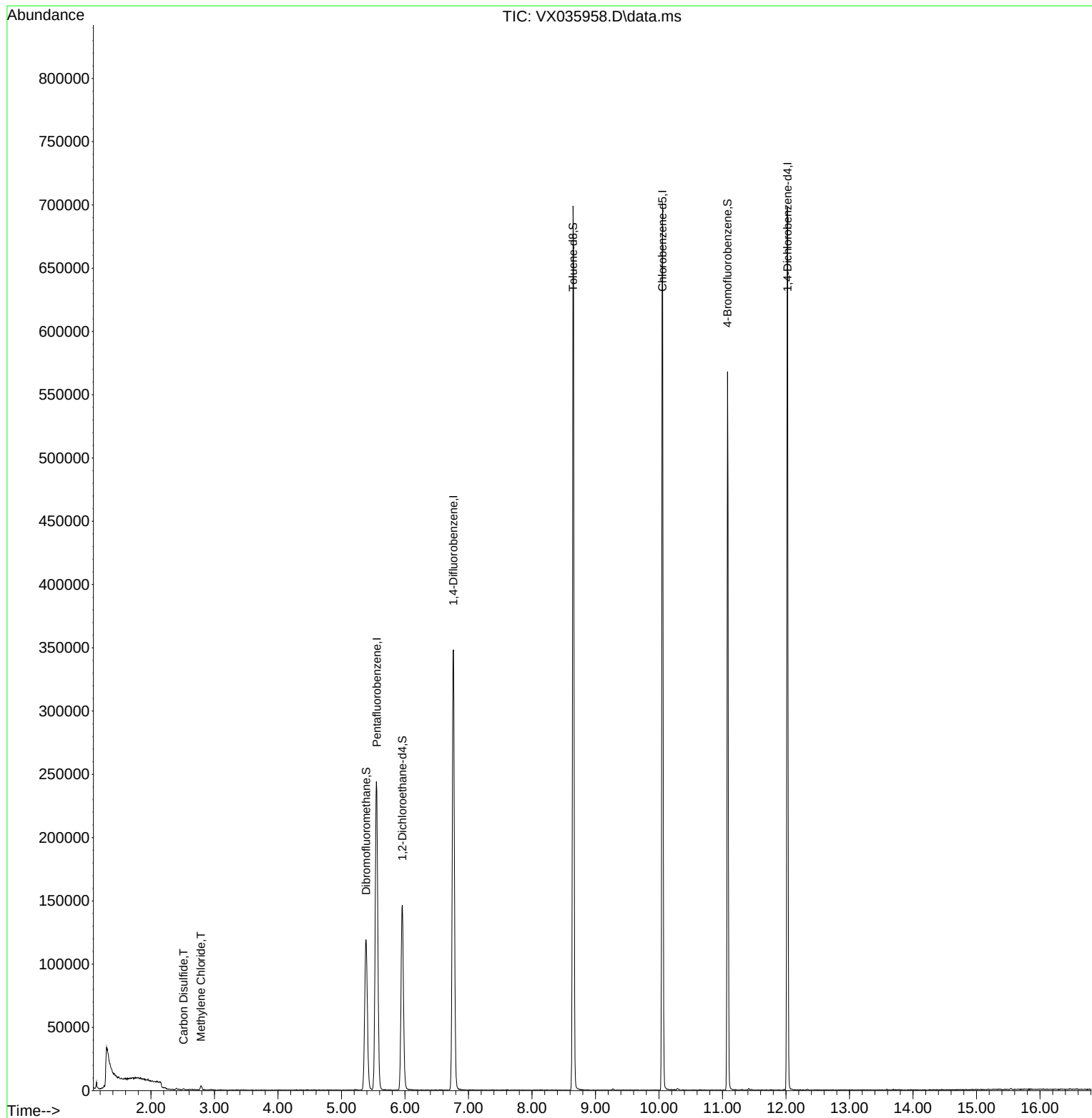
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 219660   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 348413   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 303990   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 139246   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 147656   | 41.396   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 82.800%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 107067   | 45.689   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 91.380%  |
| 50) Toluene-d8              | 8.647  | 98    | 404390   | 48.083   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 96.160%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 152910   | 46.057   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 92.120%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 17) Carbon Disulfide        | 2.514  | 76    | 1184     | 0.214    | ug/l   | 99       |
| 20) Methylene Chloride      | 2.788  | 84    | 1676     | 0.591    | ug/l   | 95       |
| -----                       |        |       |          |          |        |          |

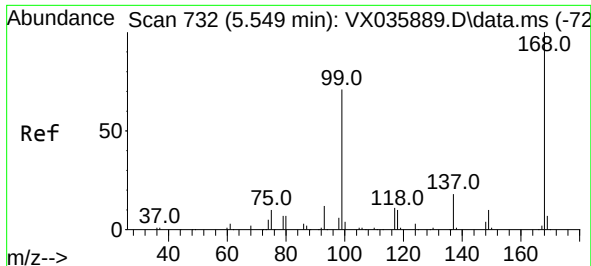
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
ClientSampleId :  
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Quant Time: Jun 02 01:41:16 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X053123W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 31 12:50:30 2023  
Response via : Initial Calibration

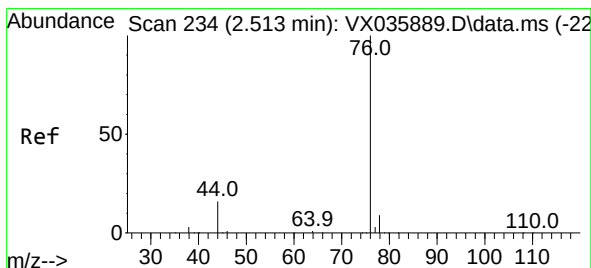
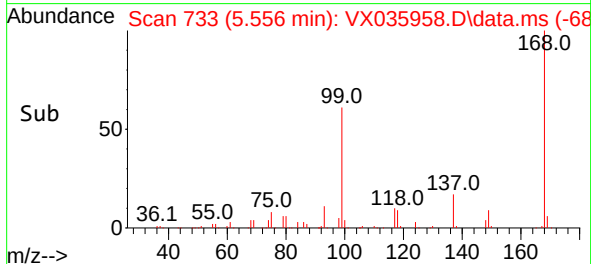
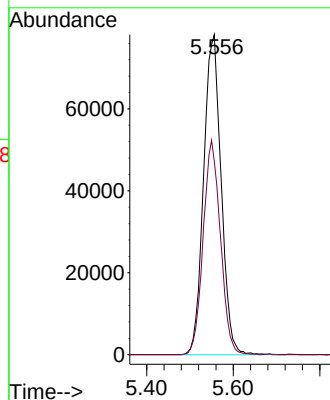
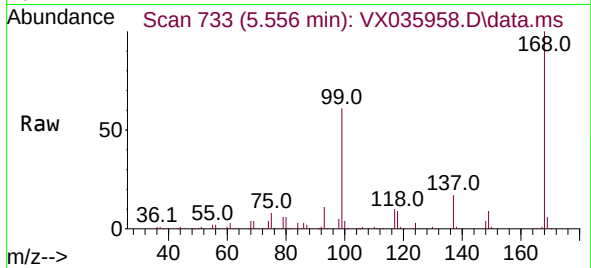




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.007 min  
Lab File: VX035958.D  
Acq: 01 Jun 2023 14:37

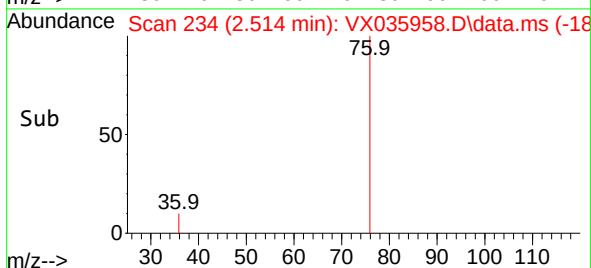
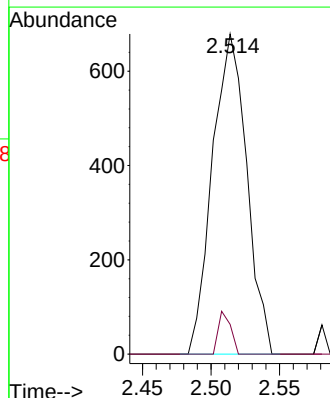
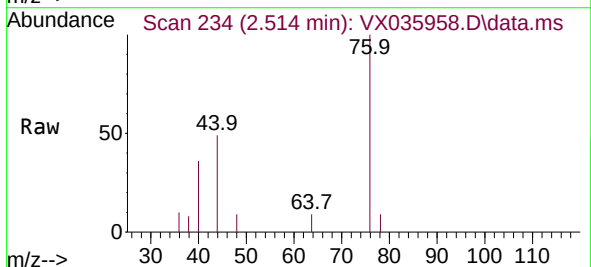
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MSVOA\_X  
ClientSampleId :  
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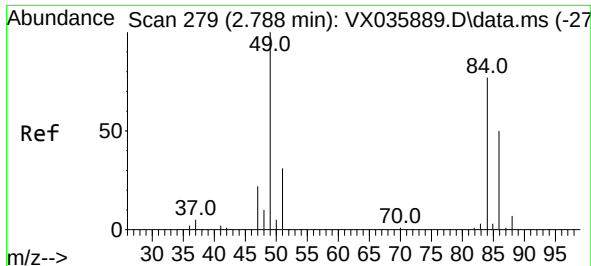
Tgt Ion:168 Resp: 219660  
Ion Ratio Lower Upper  
168 100  
99 60.5 57.0 85.6



#17  
Carbon Disulfide  
Concen: 0.214 ug/l  
RT: 2.514 min Scan# 234  
Delta R.T. 0.001 min  
Lab File: VX035958.D  
Acq: 01 Jun 2023 14:37

Tgt Ion: 76 Resp: 1184  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.6 11.4

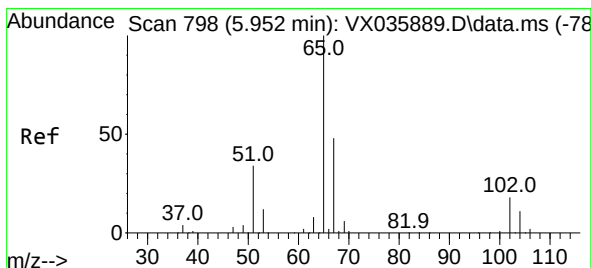
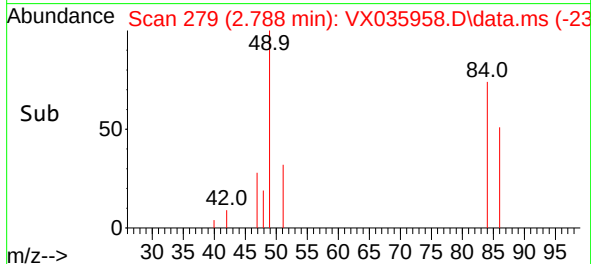
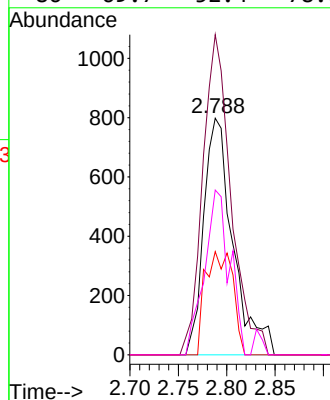
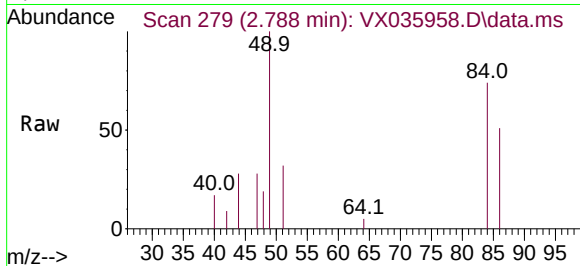




#20  
Methylene Chloride  
Concen: 0.591 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX035958.D  
Acq: 01 Jun 2023 14:37

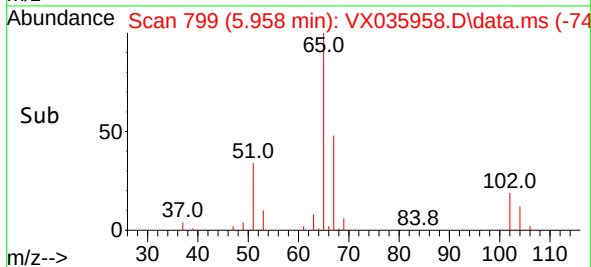
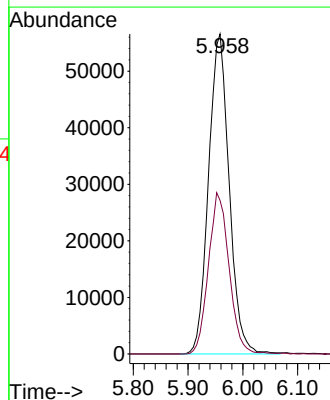
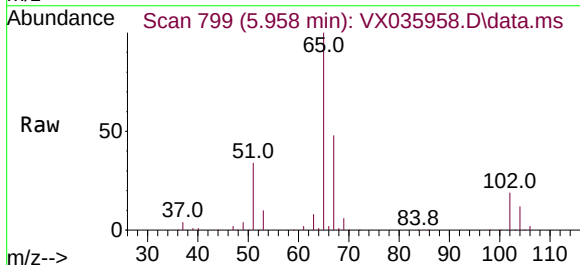
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MSVOA\_X  
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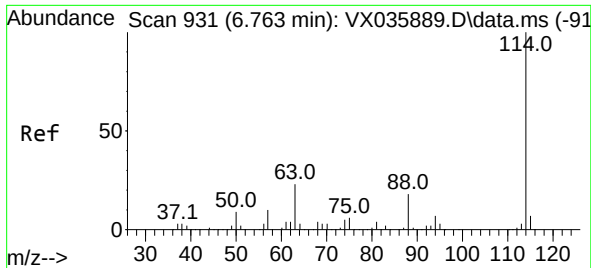
|             |             |
|-------------|-------------|
| Tgt Ion: 84 | Resp: 1676  |
| Ion Ratio   | Lower Upper |
| 84 100      |             |
| 49 135.3    | 104.6 156.8 |
| 51 43.6     | 32.2 48.4   |
| 86 69.7     | 52.4 78.6   |



#33  
1,2-Dichloroethane-d4  
Concen: 41.396 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX035958.D  
Acq: 01 Jun 2023 14:37

|             |              |
|-------------|--------------|
| Tgt Ion: 65 | Resp: 147656 |
| Ion Ratio   | Lower Upper  |
| 65 100      |              |
| 67 50.4     | 0.0 99.6     |

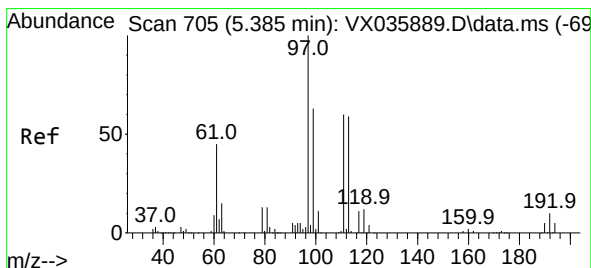
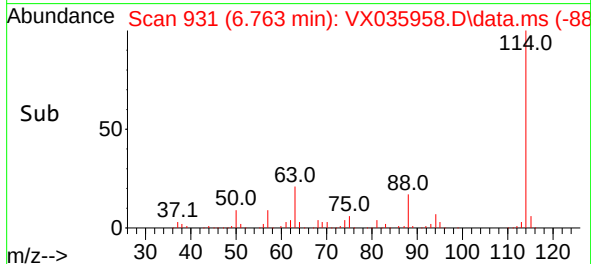
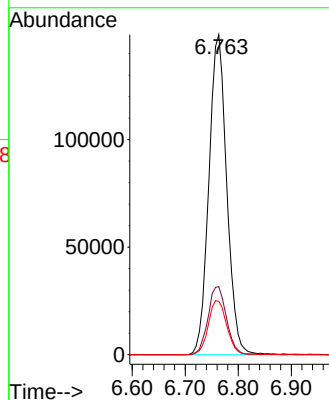
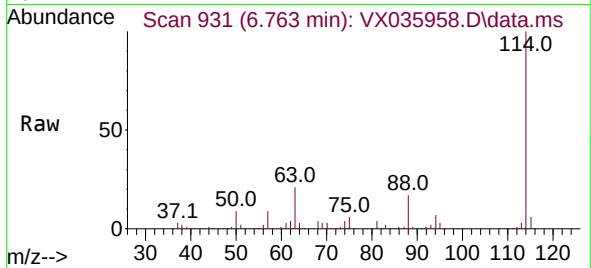




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX035958.D  
Acq: 01 Jun 2023 14:37

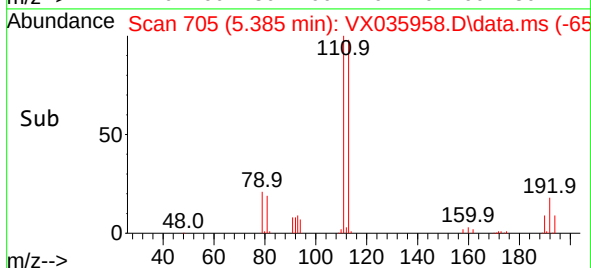
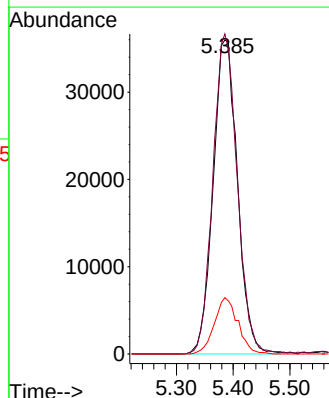
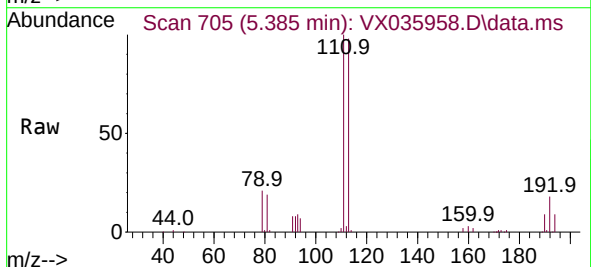
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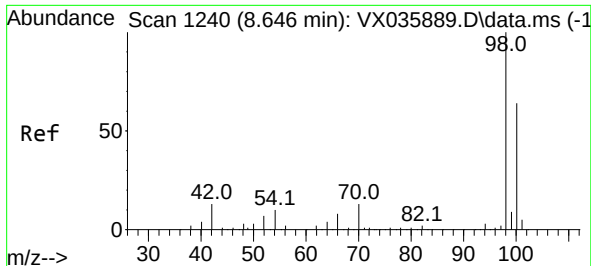
Tgt Ion:114 Resp: 348413  
Ion Ratio Lower Upper  
114 100  
63 21.3 0.0 46.0  
88 16.7 0.0 35.2



#35  
Dibromofluoromethane  
Concen: 45.689 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX035958.D  
Acq: 01 Jun 2023 14:37

Tgt Ion:113 Resp: 107067  
Ion Ratio Lower Upper  
113 100  
111 102.0 81.7 122.5  
192 17.3 13.5 20.3

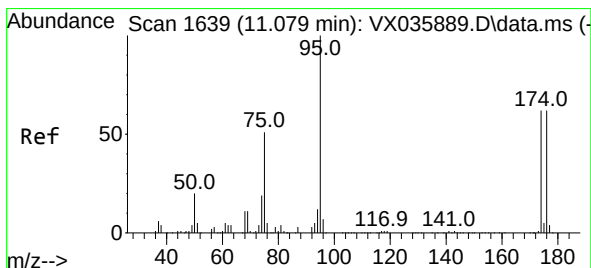
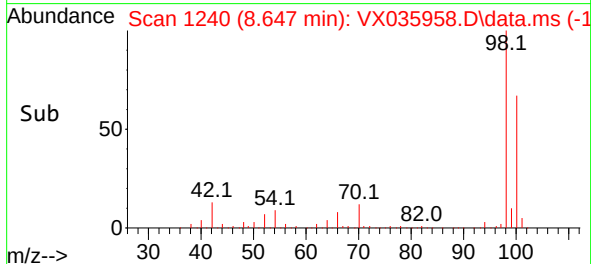
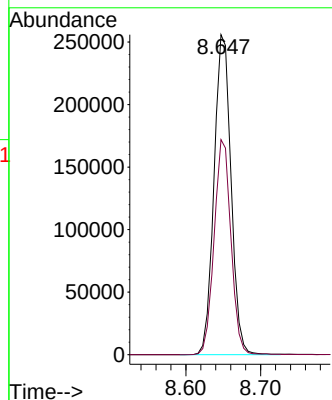
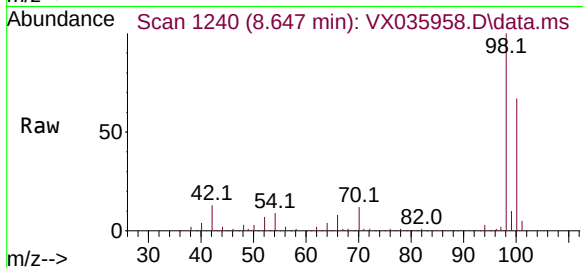




#50  
Toluene-d8  
Concen: 48.083 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VX035958.D  
Acq: 01 Jun 2023 14:37

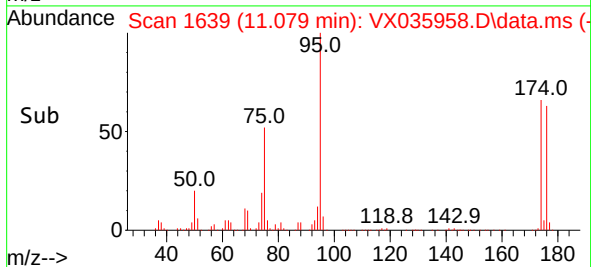
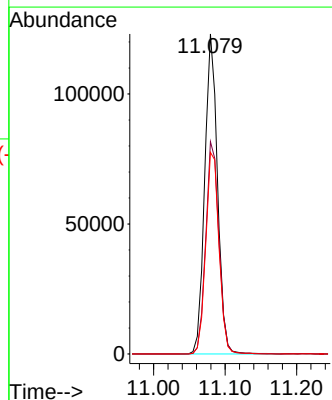
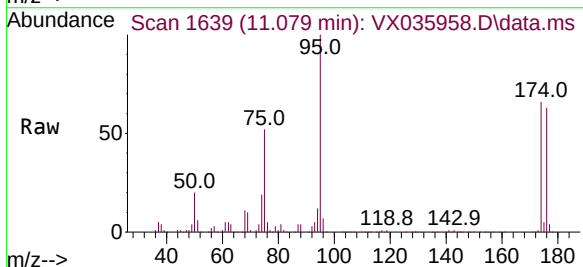
Instrument :  
MSVOA\_X  
ClientSampleId :  
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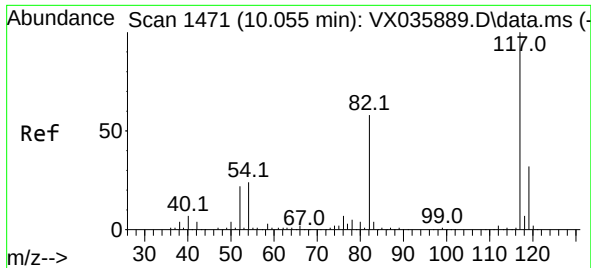
Tgt Ion: 98 Resp: 404390  
Ion Ratio Lower Upper  
98 100  
100 66.4 53.4 80.0



#62  
4-Bromofluorobenzene  
Concen: 46.057 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX035958.D  
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Tgt Ion: 95 Resp: 152910  
Ion Ratio Lower Upper  
95 100  
174 68.5 0.0 132.6  
176 65.5 0.0 128.0

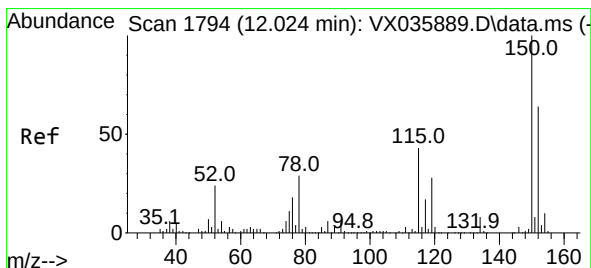
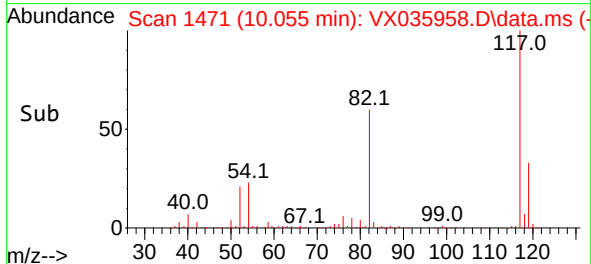
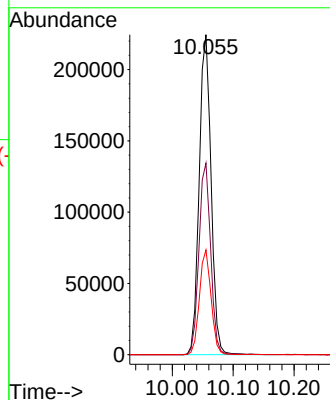
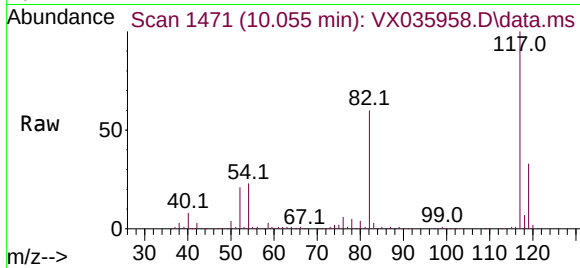




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX035958.D  
Acq: 01 Jun 2023 14:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
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Tgt Ion:117 Resp: 303990  
Ion Ratio Lower Upper  
117 100  
82 59.9 46.6 69.8  
119 32.8 25.4 38.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX035958.D  
Acq: 01 Jun 2023 14:37

Tgt Ion:152 Resp: 139246  
Ion Ratio Lower Upper  
152 100  
115 64.6 45.5 136.5  
150 156.6 0.0 345.2

