

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092822\  
 Data File : VX031750.D  
 Acq On : 29 Sep 2022 01:23  
 Operator : JC/MD  
 Sample : N4863-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-8

Quant Time: Sep 29 04:36:39 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092622W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 27 01:44:18 2022  
 Response via : Initial Calibration

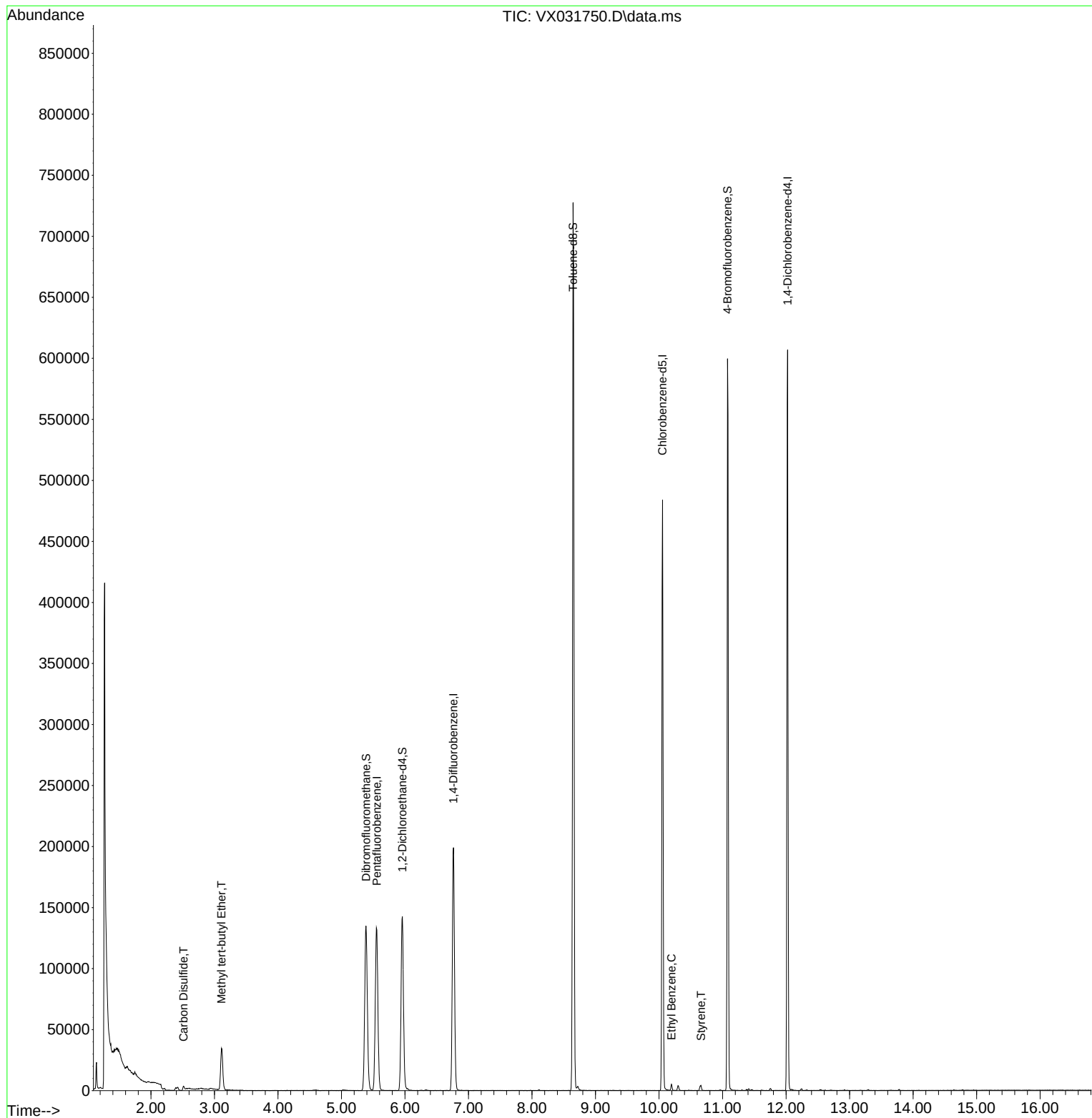
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min)     |
|-----------------------------|-----------|-------|----------|----------|--------|--------------|
| -----                       |           |       |          |          |        |              |
| Internal Standards          |           |       |          |          |        |              |
| 1) Pentafluorobenzene       | 5.556     | 168   | 126284   | 50.000   | ug/l   | 0.00         |
| 34) 1,4-Difluorobenzene     | 6.763     | 114   | 208679   | 50.000   | ug/l   | 0.00         |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 219168   | 50.000   | ug/l   | 0.00         |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 122688   | 50.000   | ug/l   | 0.00         |
| System Monitoring Compounds |           |       |          |          |        |              |
| 33) 1,2-Dichloroethane-d4   | 5.958     | 65    | 136223   | 50.825   | ug/l   | 0.00         |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | =      | 101.640%     |
| 35) Dibromofluoromethane    | 5.385     | 113   | 114160   | 45.913   | ug/l   | 0.00         |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =      | 91.820%      |
| 50) Toluene-d8              | 8.646     | 98    | 434290   | 48.177   | ug/l   | 0.00         |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | =      | 96.360%      |
| 62) 4-Bromofluorobenzene    | 11.079    | 95    | 151559   | 45.872   | ug/l   | 0.00         |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | =      | 91.740%      |
| Target Compounds            |           |       |          |          |        |              |
| 17) Carbon Disulfide        | 2.513     | 76    | 7200     | 1.073    | ug/l   | Qvalue<br>96 |
| 19) Methyl tert-butyl Ether | 3.111     | 73    | 38389    | 6.440    | ug/l   | 98           |
| 67) Ethyl Benzene           | 10.195    | 91    | 2949     | 0.284    | ug/l # | 87           |
| 70) Styrene                 | 10.658    | 104   | 1627     | 0.245    | ug/l   | 91           |
| -----                       |           |       |          |          |        |              |

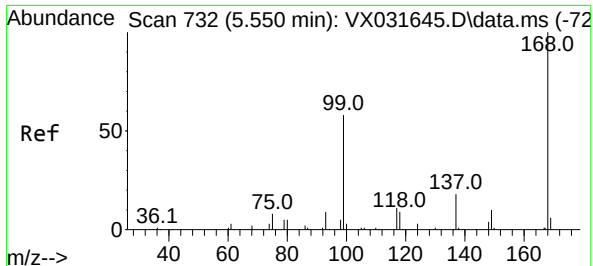
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Sep 27 01:44:18 2022  
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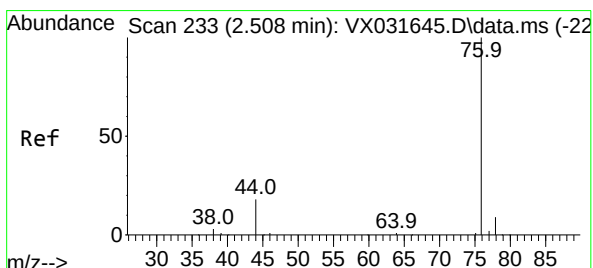
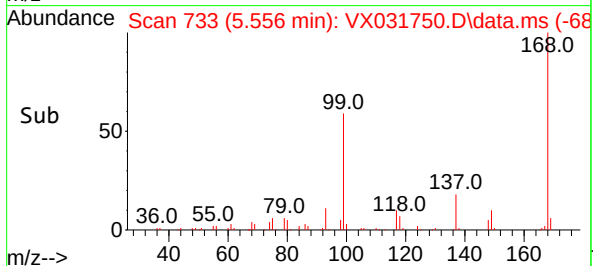
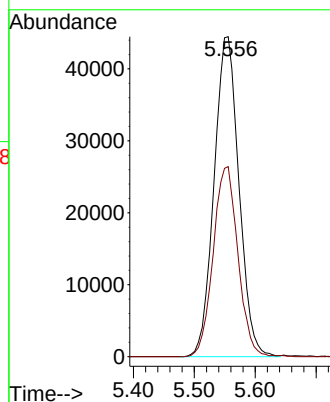
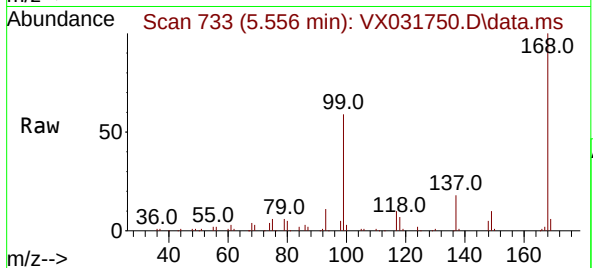




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX031750.D  
Acq: 29 Sep 2022 01:23

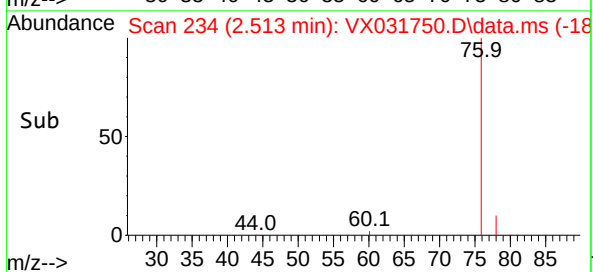
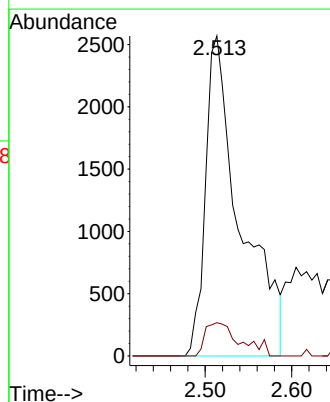
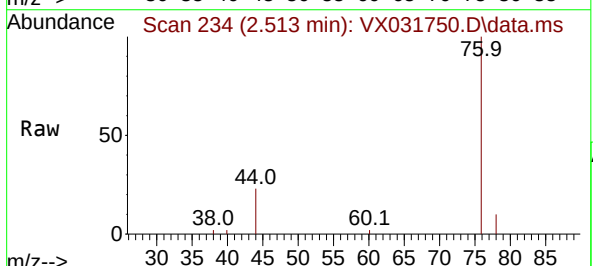
Instrument :  
MSVOA\_X  
ClientSampleId :  
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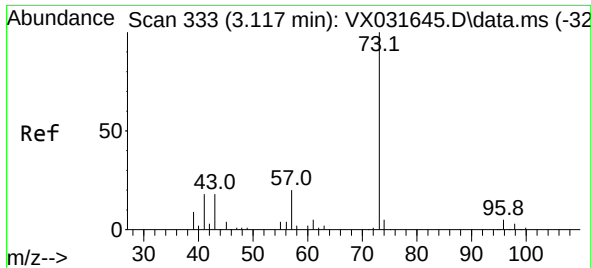
Tgt Ion:168 Resp: 126284  
Ion Ratio Lower Upper  
168 100  
99 59.4 48.8 73.2



#17  
Carbon Disulfide  
Concen: 1.073 ug/l  
RT: 2.513 min Scan# 234  
Delta R.T. -0.001 min  
Lab File: VX031750.D  
Acq: 29 Sep 2022 01:23

Tgt Ion: 76 Resp: 7200  
Ion Ratio Lower Upper  
76 100  
78 10.4 7.2 10.8

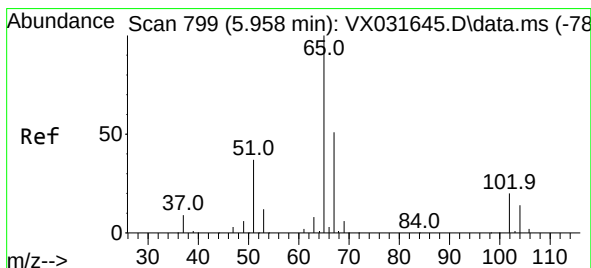
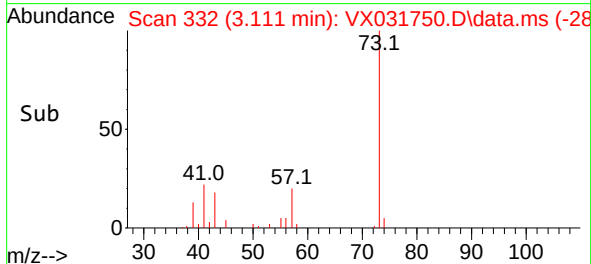
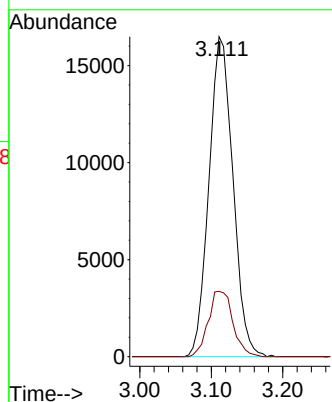
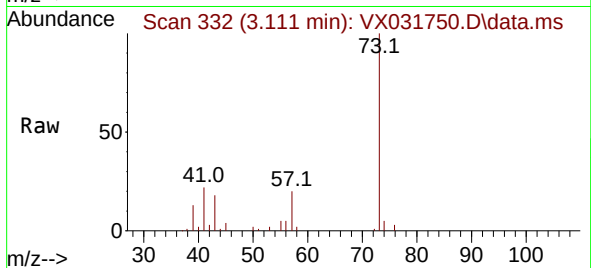




#19  
Methyl tert-butyl Ether  
Concen: 6.440 ug/l  
RT: 3.111 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX031750.D  
Acq: 29 Sep 2022 01:23

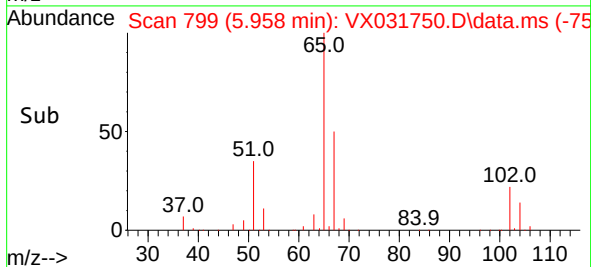
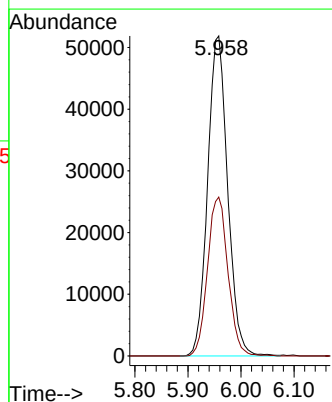
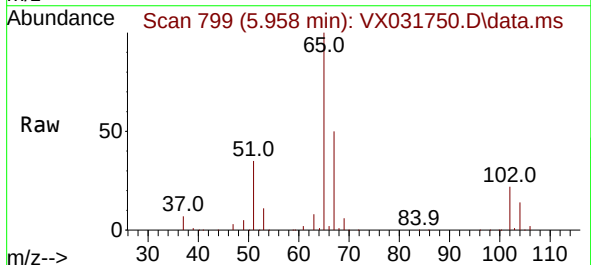
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-8

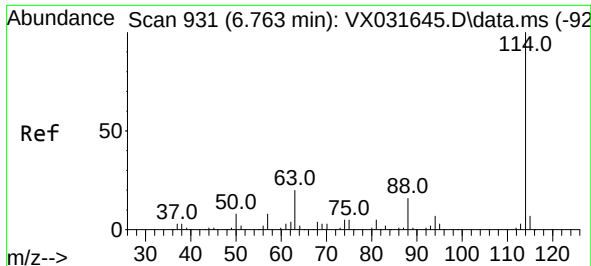
Tgt Ion: 73 Resp: 38389  
Ion Ratio Lower Upper  
73 100  
57 20.4 17.2 25.8



#33  
1,2-Dichloroethane-d4  
Concen: 50.825 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.000 min  
Lab File: VX031750.D  
Acq: 29 Sep 2022 01:23

Tgt Ion: 65 Resp: 136223  
Ion Ratio Lower Upper  
65 100  
67 50.6 0.0 102.4

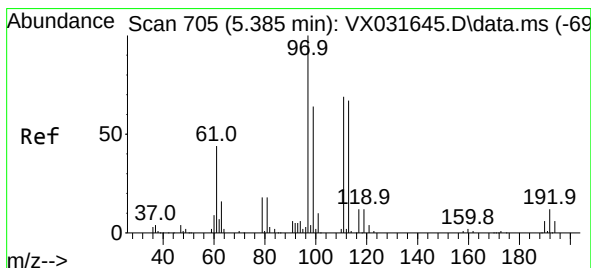
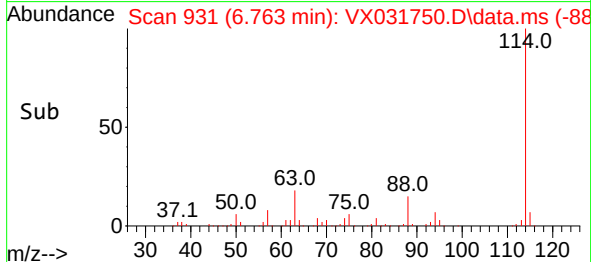
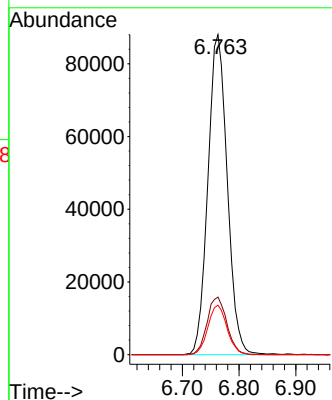
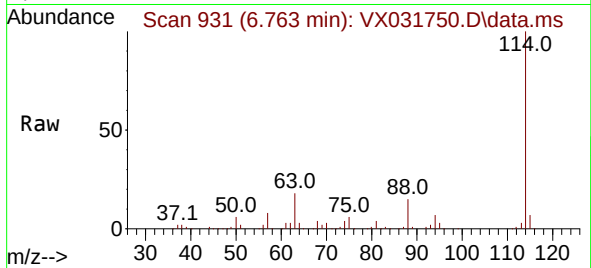




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX031750.D  
Acq: 29 Sep 2022 01:23

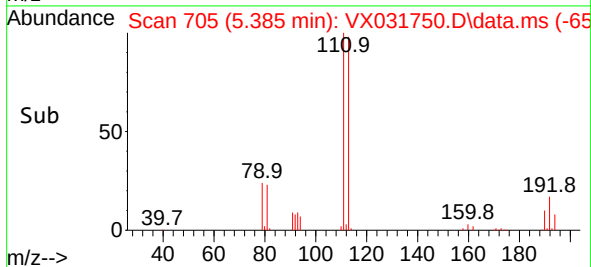
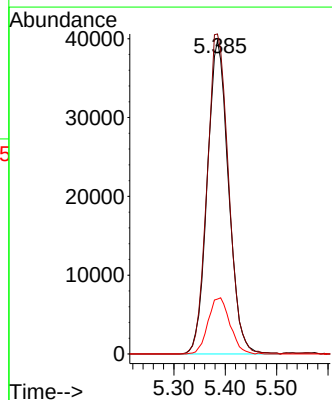
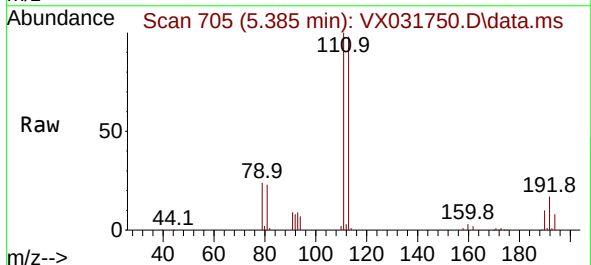
Instrument :  
MSVOA\_X  
ClientSampleId :  
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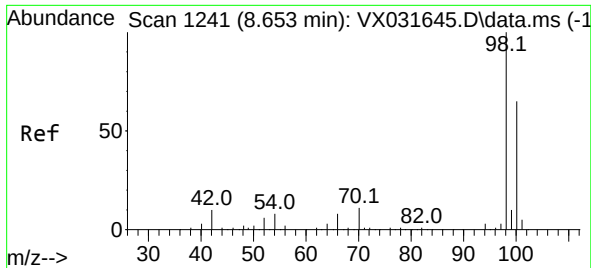
Tgt Ion:114 Resp: 208679  
Ion Ratio Lower Upper  
114 100  
63 18.0 0.0 42.6  
88 15.5 0.0 33.0



#35  
Dibromofluoromethane  
Concen: 45.913 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VX031750.D  
Acq: 29 Sep 2022 01:23

Tgt Ion:113 Resp: 114160  
Ion Ratio Lower Upper  
113 100  
111 103.2 82.4 123.6  
192 18.5 14.1 21.1

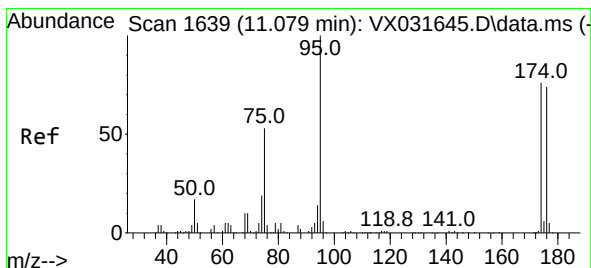
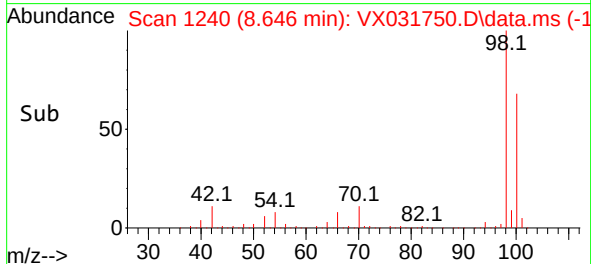
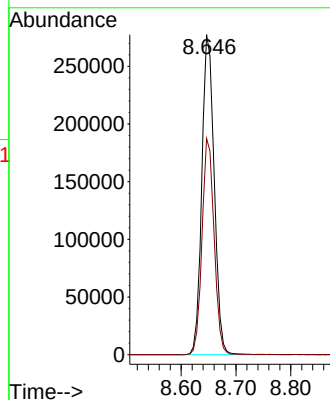
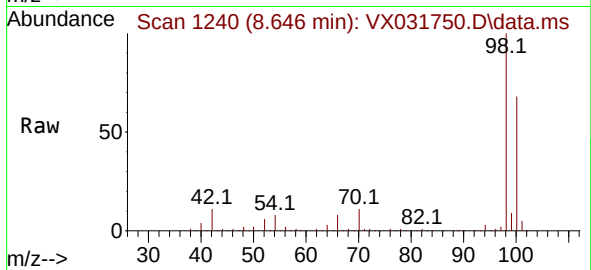




#50  
Toluene-d8  
Concen: 48.177 ug/l  
RT: 8.646 min Scan# 11  
Delta R.T. -0.007 min  
Lab File: VX031750.D  
Acq: 29 Sep 2022 01:23

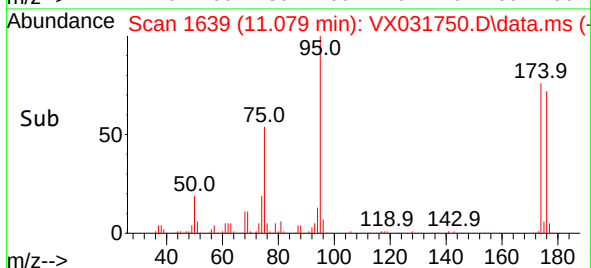
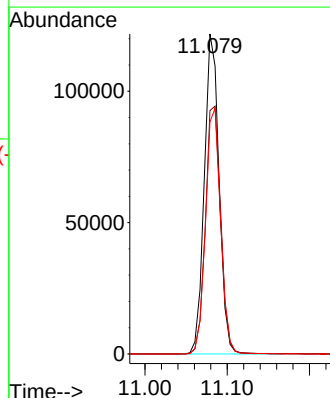
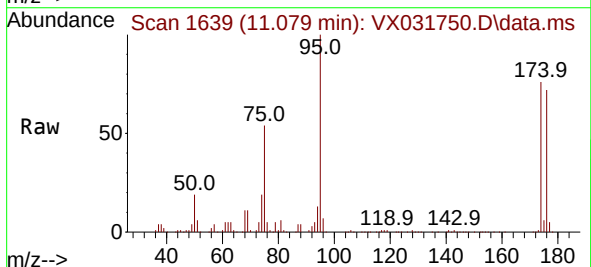
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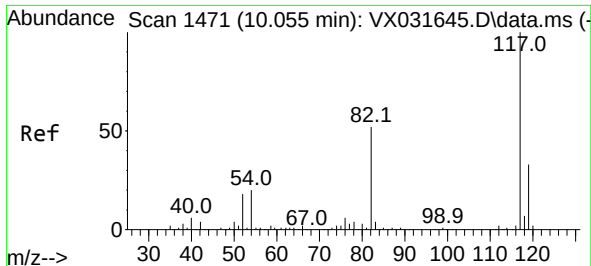
Tgt Ion: 98 Resp: 434290  
Ion Ratio Lower Upper  
98 100  
100 66.2 52.5 78.7



#62  
4-Bromofluorobenzene  
Concen: 45.872 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX031750.D  
Acq: 29 Sep 2022 01:23

Tgt Ion: 95 Resp: 151559  
Ion Ratio Lower Upper  
95 100  
174 80.6 0.0 153.2  
176 78.4 0.0 144.0

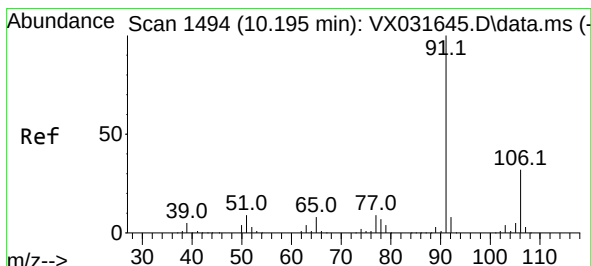
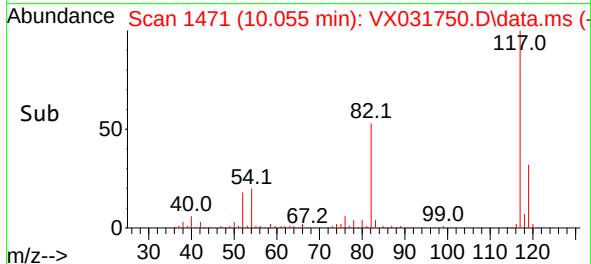
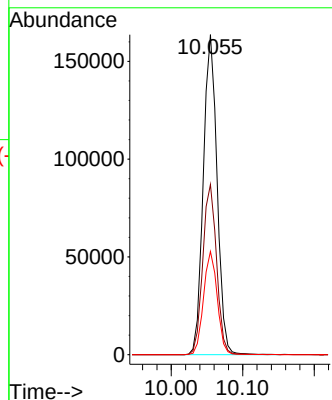
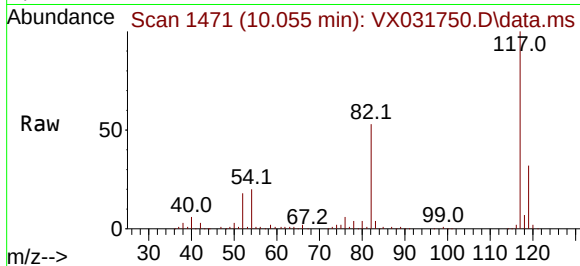




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX031750.D  
Acq: 29 Sep 2022 01:23

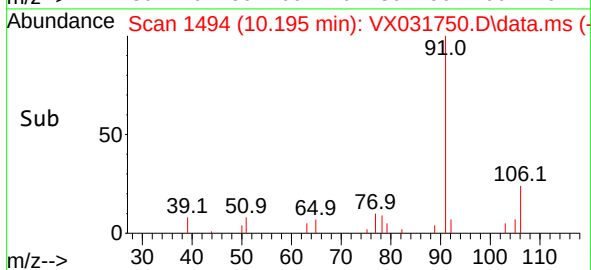
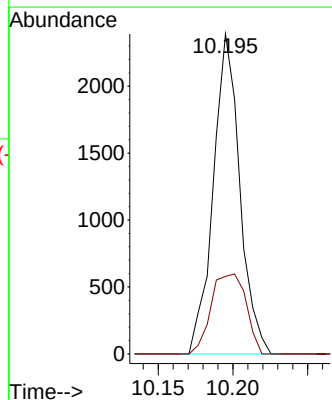
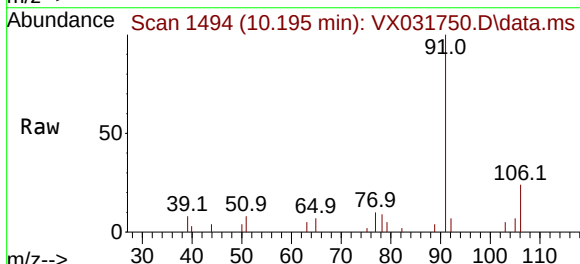
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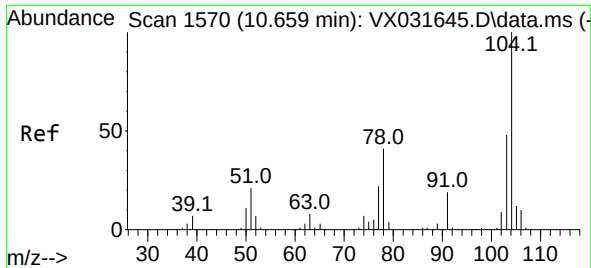
Tgt Ion:117 Resp: 219168  
Ion Ratio Lower Upper  
117 100  
82 53.2 46.8 70.2  
119 32.2 26.4 39.6



#67  
Ethyl Benzene  
Concen: 0.284 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VX031750.D  
Acq: 29 Sep 2022 01:23

Tgt Ion: 91 Resp: 2949  
Ion Ratio Lower Upper  
91 100  
106 24.2 25.2 37.8#

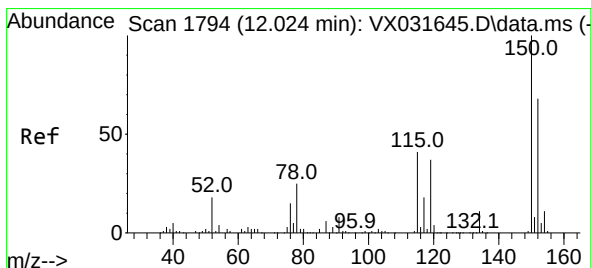
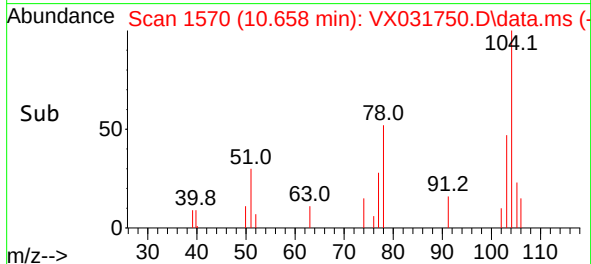
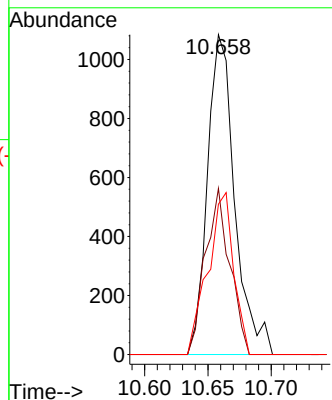
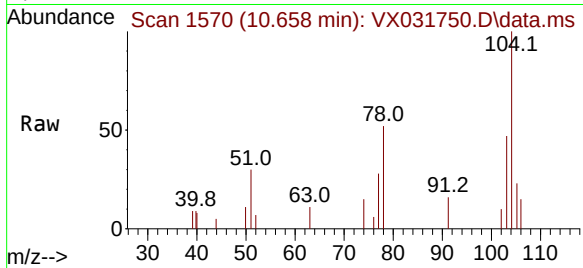




#70  
Styrene  
Concen: 0.245 ug/l  
RT: 10.658 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VX031750.D  
Acq: 29 Sep 2022 01:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
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|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:104 | Resp: | 1627        |
| Ion         | Ratio | Lower Upper |
| 104         | 100   |             |
| 78          | 46.5  | 41.4 62.2   |
| 103         | 47.8  | 43.8 65.8   |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX031750.D  
Acq: 29 Sep 2022 01:23

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:152 | Resp: | 122688      |
| Ion         | Ratio | Lower Upper |
| 152         | 100   |             |
| 115         | 60.2  | 43.4 130.1  |
| 150         | 157.7 | 0.0 346.8   |

