

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081321\  
 Data File : VX023722.D  
 Acq On : 14 Aug 2021 04:48  
 Operator : JC/MD  
 Sample : M3397-13  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SWCS-06-0002

Quant Time: Aug 14 05:37:20 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 23 06:05:38 2021  
 Response via : Initial Calibration

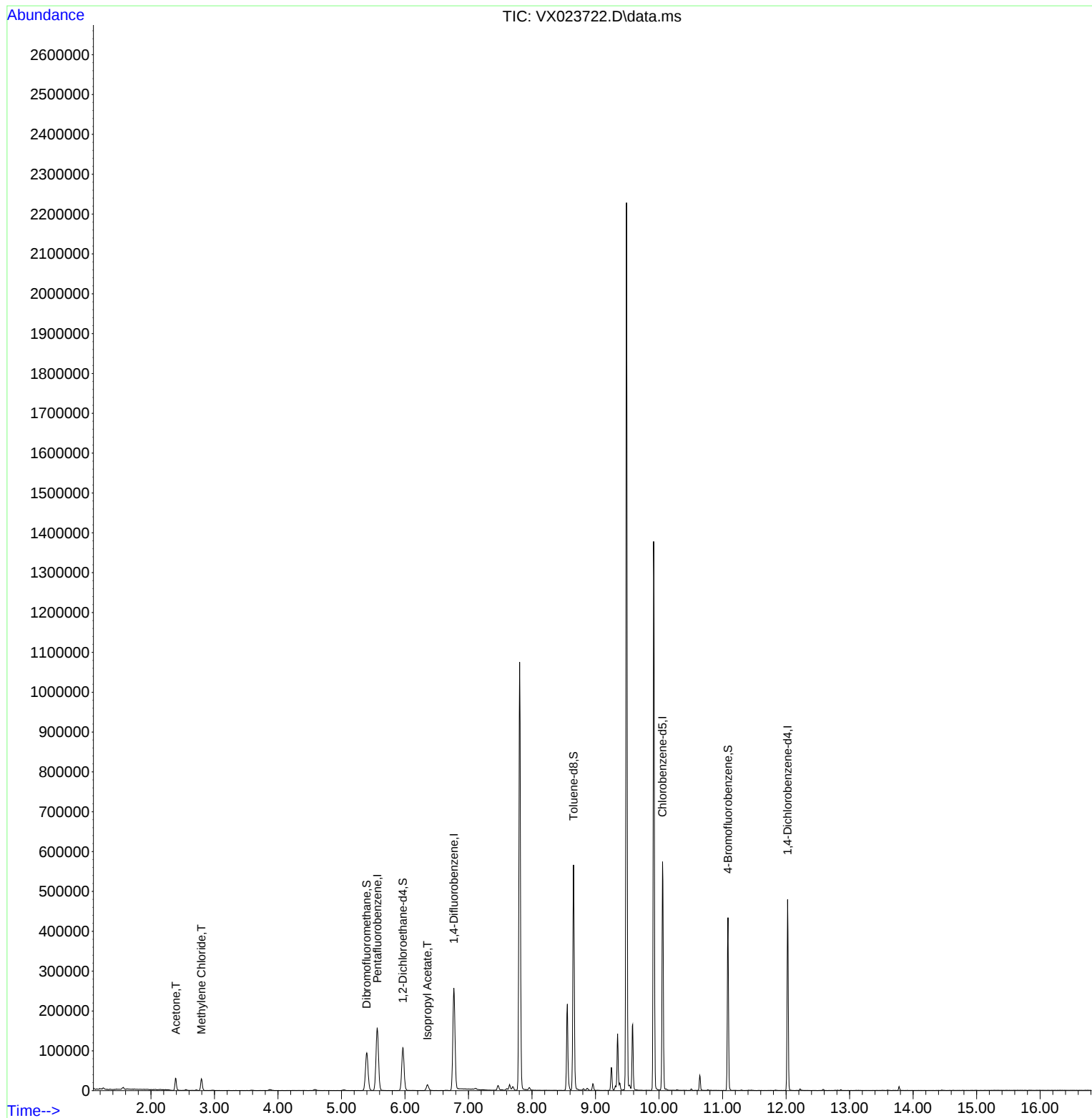
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.562  | 168   | 145349   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 253566   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 245899   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 96886    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 104068   | 57.398   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 114.800% |
| 35) Dibromofluoromethane    | 5.397  | 113   | 81807    | 51.600   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 103.200% |
| 50) Toluene-d8              | 8.653  | 98    | 321696   | 55.228   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 110.460% |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 107004   | 54.024   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 108.040% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.392  | 43    | 33093    | 37.208   | ug/l # | 88       |
| 20) Methylene Chloride      | 2.794  | 84    | 12911    | 7.463    | ug/l # | 81       |
| 43) Isopropyl Acetate       | 6.354  | 43    | 19564    | 4.366    | ug/l # | 91       |
| -----                       |        |       |          |          |        |          |

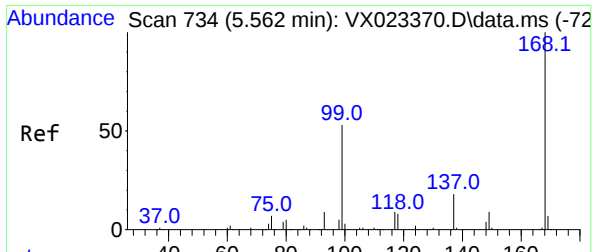
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072221W.M  
Quant Title : SW846 8260  
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Response via : Initial Calibration

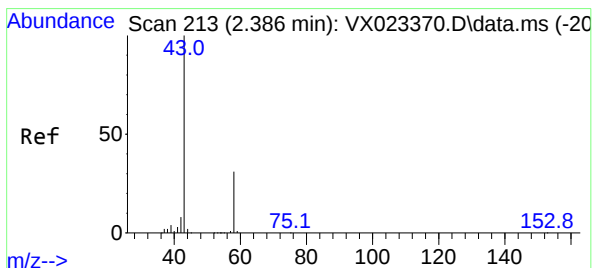
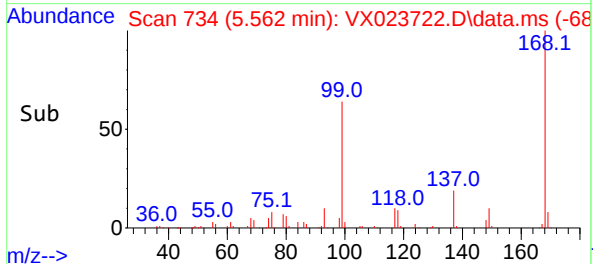
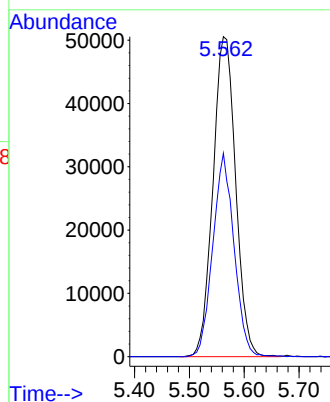
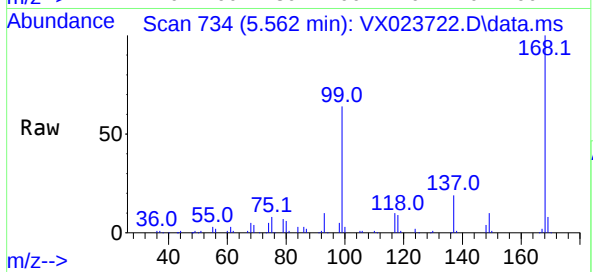




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX023722.D  
Acq: 14 Aug 2021 04:48

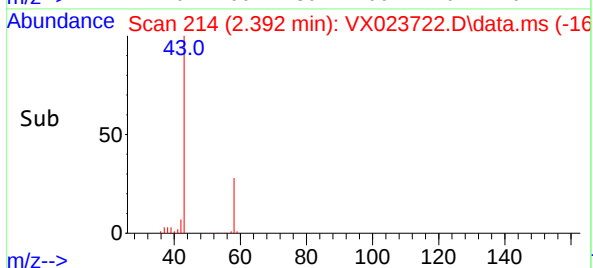
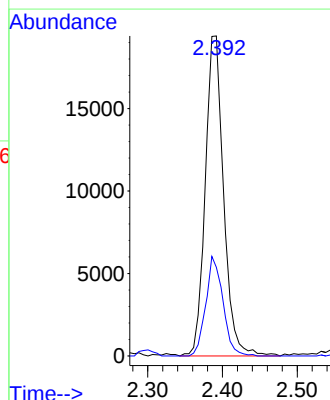
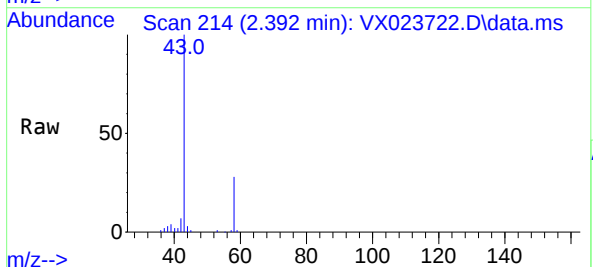
Instrument :  
MSVOA\_X  
ClientSampleId :  
SWCS-06-0002

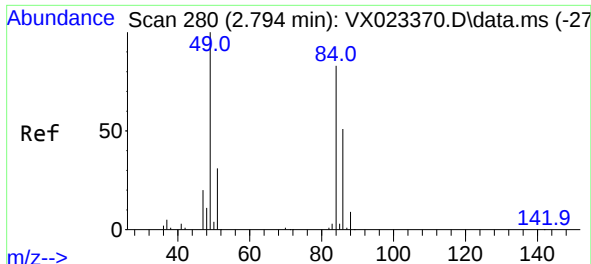
Tgt Ion:168 Resp: 145349  
Ion Ratio Lower Upper  
168 100  
99 63.6 45.8 68.6



#16  
Acetone  
Concen: 37.208 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.006 min  
Lab File: VX023722.D  
Acq: 14 Aug 2021 04:48

Tgt Ion: 43 Resp: 33093  
Ion Ratio Lower Upper  
43 100  
58 27.7 27.8 41.8#



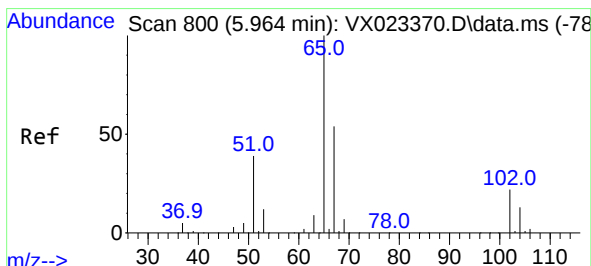
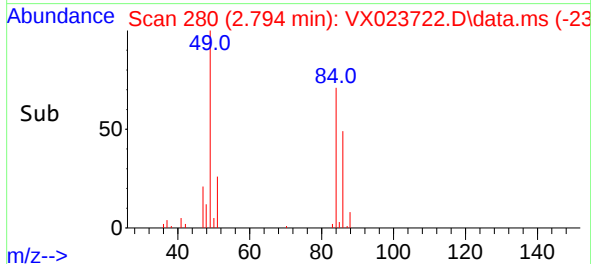
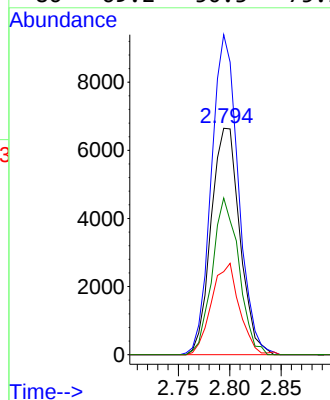
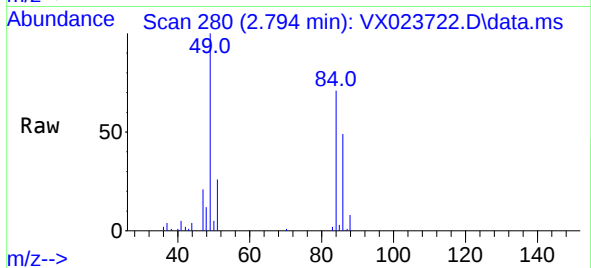


#20  
Methylene Chloride  
Concen: 7.463 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.000 min  
Lab File: VX023722.D  
Acq: 14 Aug 2021 04:48

Instrument :  
MSVOA\_X  
ClientSampleId :  
SWCS-06-0002

Tgt Ion: 84 Resp: 12911

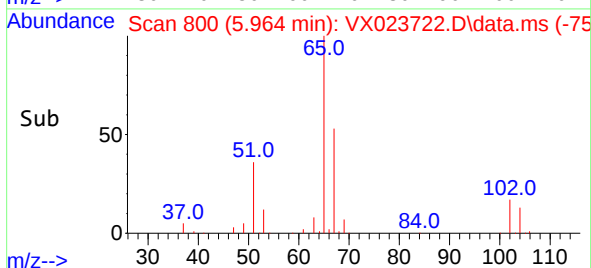
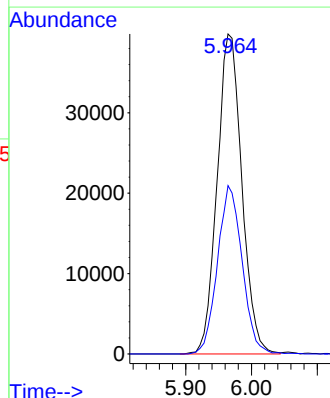
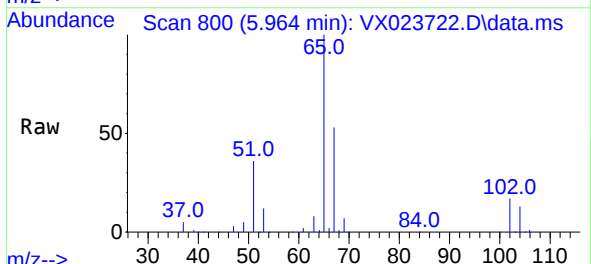
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 84  | 100   |       |        |
| 49  | 141.3 | 88.6  | 132.8# |
| 51  | 36.7  | 27.0  | 40.6   |
| 86  | 69.2  | 50.3  | 75.5   |

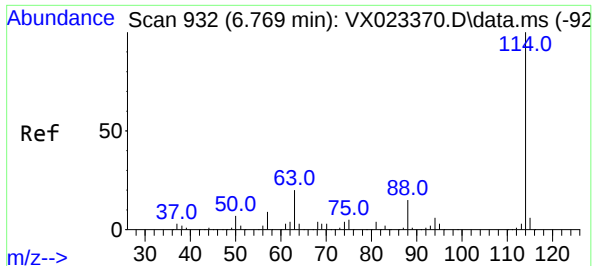


#33  
1,2-Dichloroethane-d4  
Concen: 57.398 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX023722.D  
Acq: 14 Aug 2021 04:48

Tgt Ion: 65 Resp: 104068

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 52.6  | 0.0   | 105.4 |

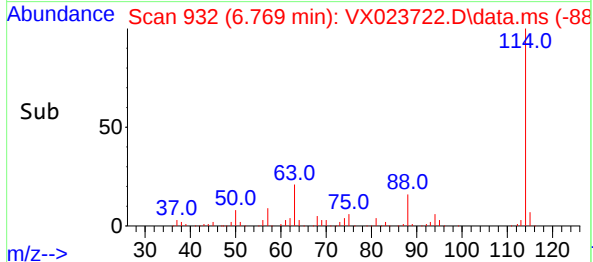
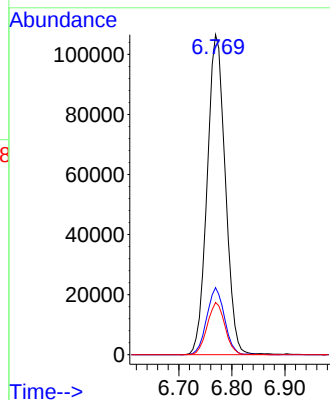
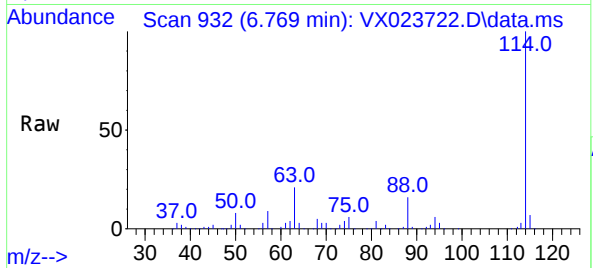




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX023722.D  
Acq: 14 Aug 2021 04:48

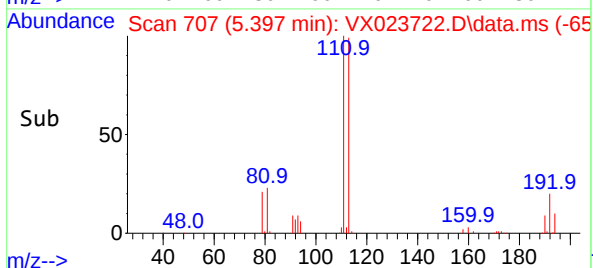
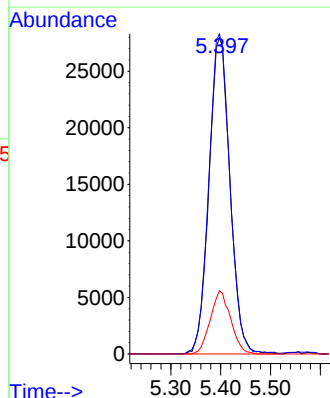
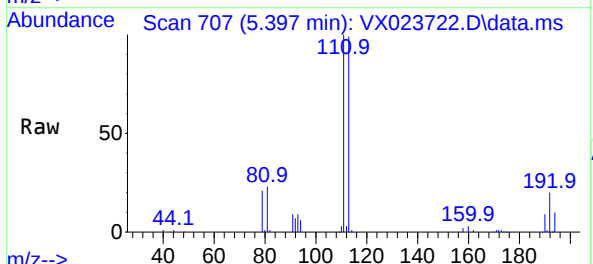
Instrument :  
MSVOA\_X  
ClientSampleId :  
SWCS-06-0002

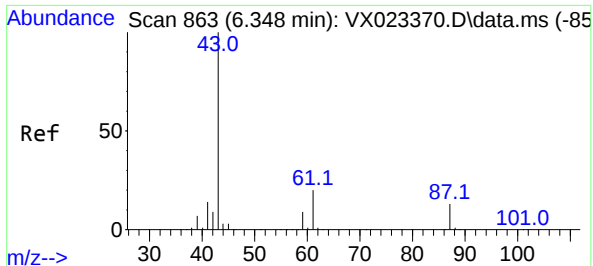
Tgt Ion:114 Resp: 253566  
Ion Ratio Lower Upper  
114 100  
63 21.0 0.0 40.8  
88 16.3 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 51.600 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX023722.D  
Acq: 14 Aug 2021 04:48

Tgt Ion:113 Resp: 81807  
Ion Ratio Lower Upper  
113 100  
111 101.1 81.9 122.9  
192 19.3 16.7 25.1

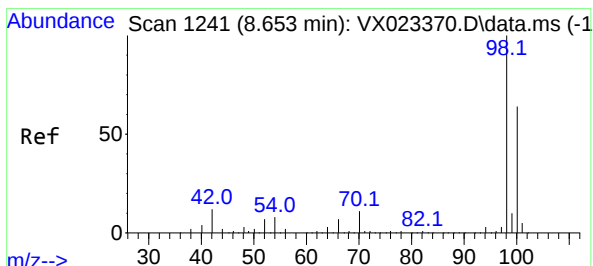
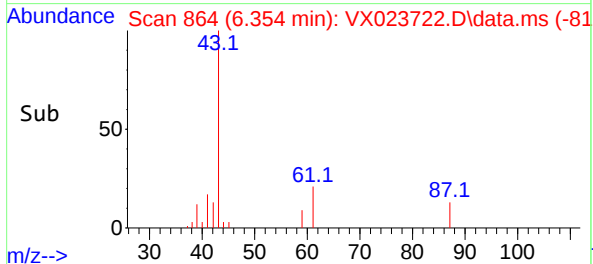
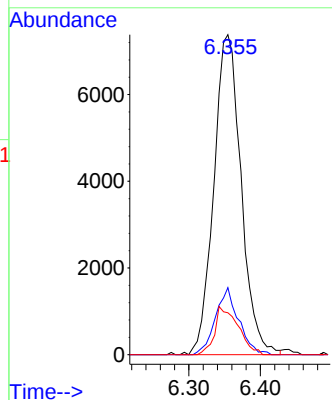
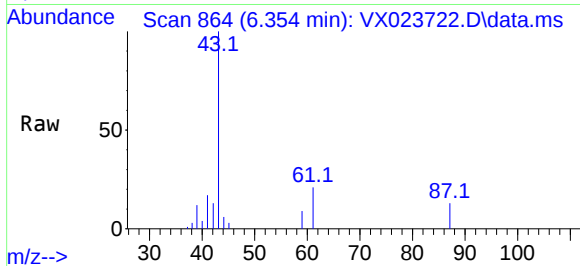




#43  
Isopropyl Acetate  
Concen: 4.366 ug/l  
RT: 6.354 min Scan# 864  
Delta R.T. 0.006 min  
Lab File: VX023722.D  
Acq: 14 Aug 2021 04:48

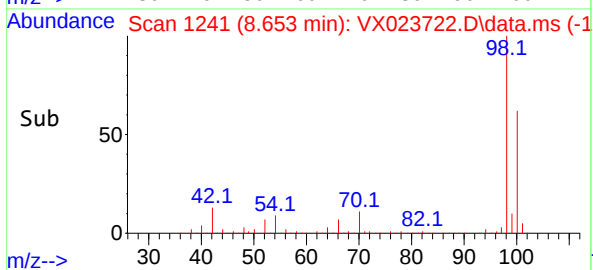
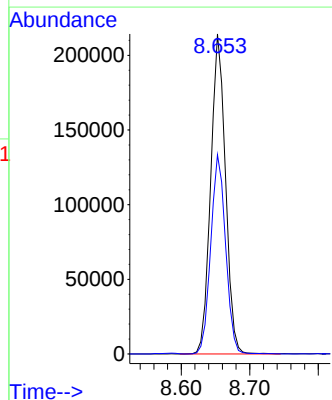
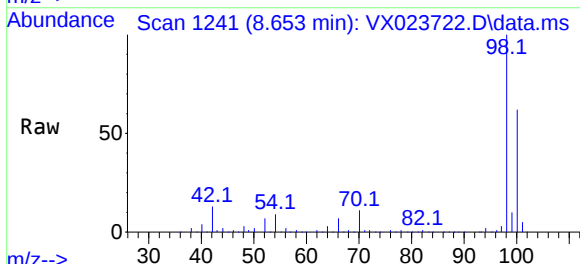
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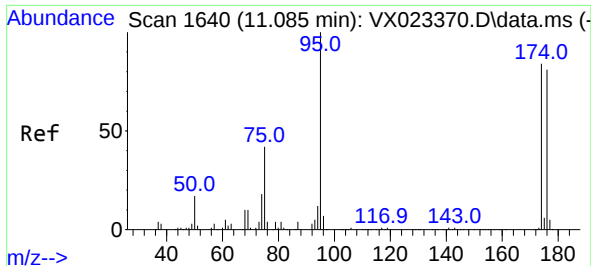
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 19564 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 17.9     | 18.2 27.4#  |
| 87 12.9     | 12.5 18.7   |



#50  
Toluene-d8  
Concen: 55.228 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX023722.D  
Acq: 14 Aug 2021 04:48

|             |              |
|-------------|--------------|
| Tgt Ion: 98 | Resp: 321696 |
| Ion Ratio   | Lower Upper  |
| 98 100      |              |
| 100 62.7    | 51.9 77.9    |

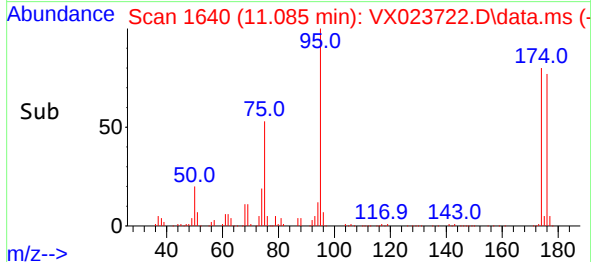
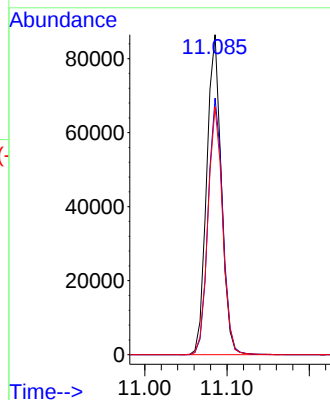
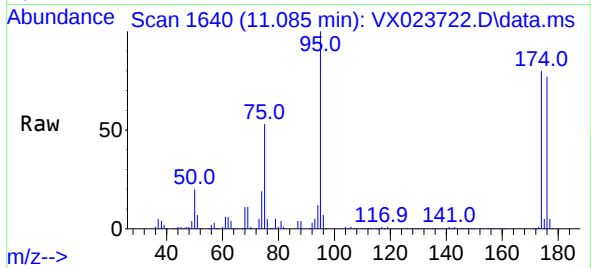




#62  
4-Bromofluorobenzene  
Concen: 54.024 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX023722.D  
Acq: 14 Aug 2021 04:48

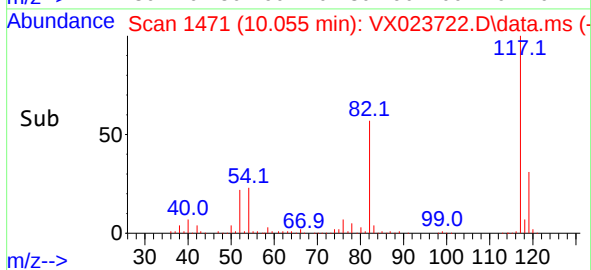
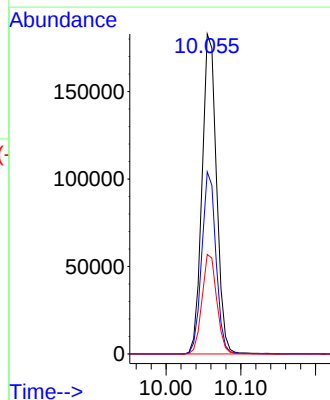
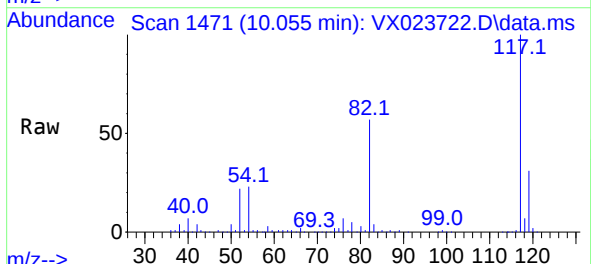
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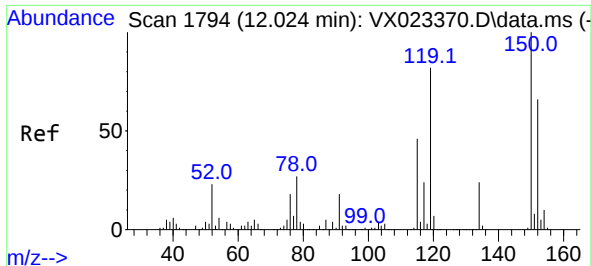
Tgt Ion: 95 Resp: 107004  
Ion Ratio Lower Upper  
95 100  
174 80.1 0.0 154.6  
176 77.7 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX023722.D  
Acq: 14 Aug 2021 04:48

Tgt Ion: 117 Resp: 245899  
Ion Ratio Lower Upper  
117 100  
82 56.9 47.4 71.2  
119 31.1 26.6 39.8





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 1794  
 Delta R.T. 0.000 min  
 Lab File: VX023722.D  
 Acq: 14 Aug 2021 04:48

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SWCS-06-0002

Tgt Ion:152 Resp: 96886  
 Ion Ratio Lower Upper  
 152 100  
 115 58.8 41.1 123.3  
 150 154.2 0.0 349.0

