

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX082021\  
 Data File : VX023861.D  
 Acq On : 20 Aug 2021 00:28  
 Operator : JC/MD  
 Sample : M3468-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SAMPLE-8-(309.00)

Quant Time: Aug 20 03:17:36 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081721W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 17 11:57:51 2021  
 Response via : Initial Calibration

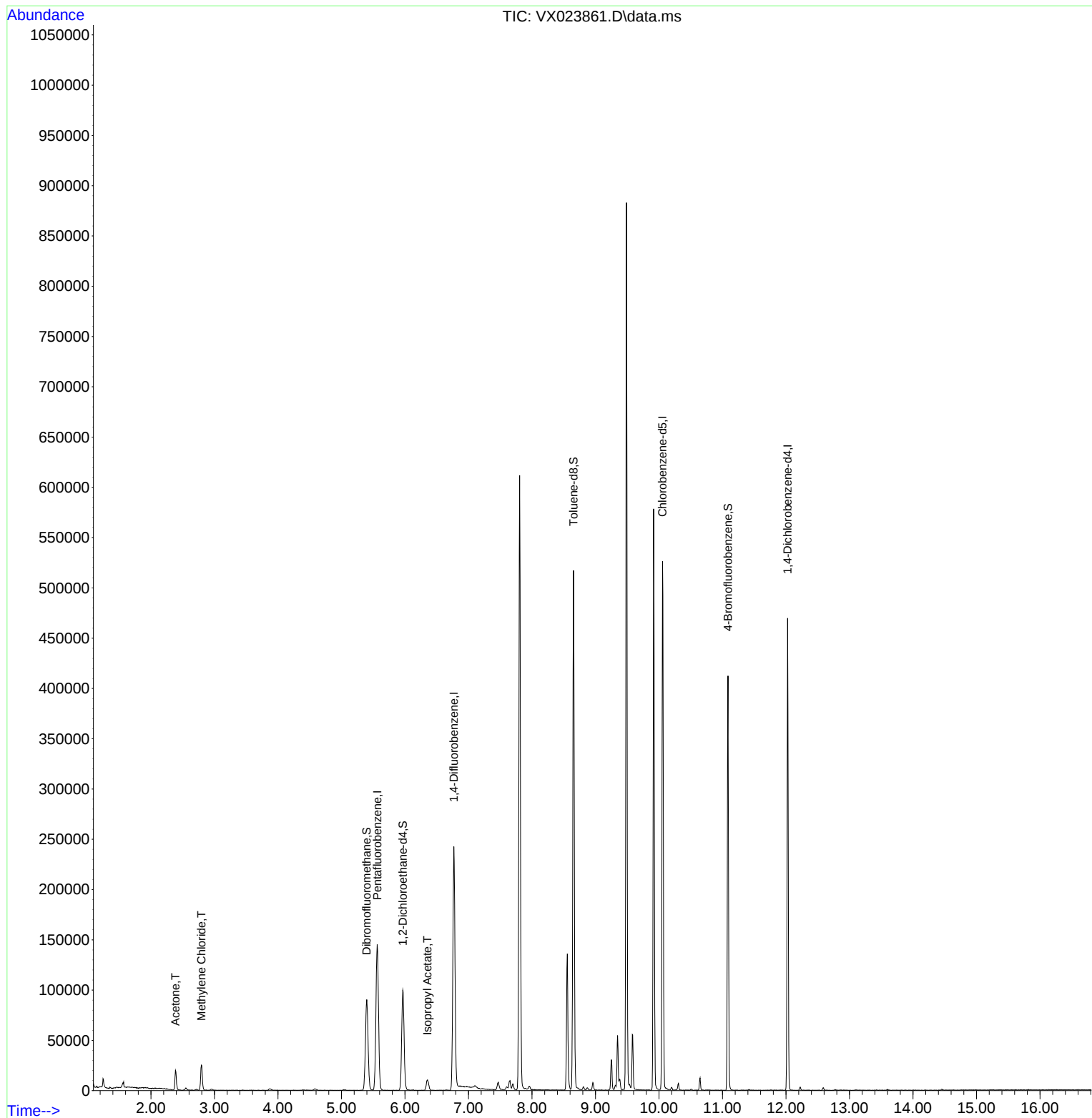
| Compound                    | R.T. QIon |       | Response | Conc     | Units | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|-------|----------|
| -----                       |           |       |          |          |       |          |
| Internal Standards          |           |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.562     | 168   | 136190   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769     | 114   | 232846   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 227279   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 90939    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |           |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.964     | 65    | 97741    | 51.421   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | =     | 102.840% |
| 35) Dibromofluoromethane    | 5.397     | 113   | 76220    | 49.457   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =     | 98.920%  |
| 50) Toluene-d8              | 8.653     | 98    | 295556   | 50.387   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | =     | 100.780% |
| 62) 4-Bromofluorobenzene    | 11.085    | 95    | 99207    | 45.944   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | =     | 91.880%  |
| Target Compounds            |           |       |          |          |       | Qvalue   |
| 16) Acetone                 | 2.386     | 43    | 21021    | 24.734   | ug/l  | 88       |
| 20) Methylene Chloride      | 2.794     | 84    | 11289    | 6.954    | ug/l  | 91       |
| 43) Isopropyl Acetate       | 6.355     | 43    | 14493    | 3.496    | ug/l  | 93       |
| -----                       |           |       |          |          |       |          |

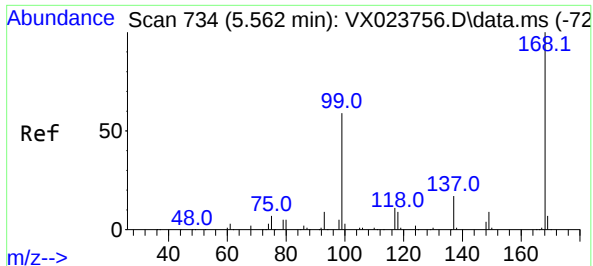
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX082021\  
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Quant Time: Aug 20 03:17:36 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081721W.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 17 11:57:51 2021  
Response via : Initial Calibration

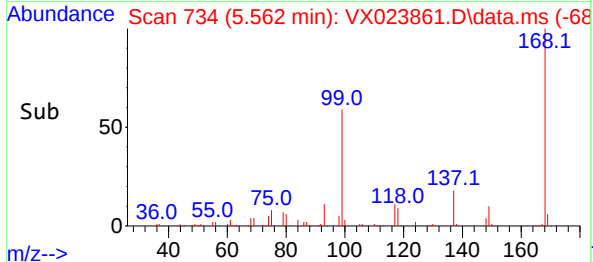
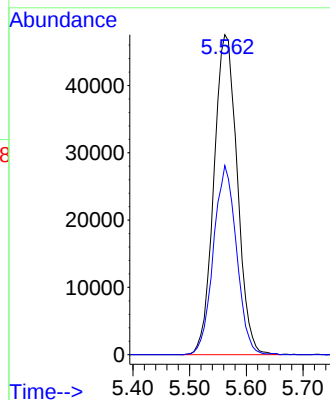
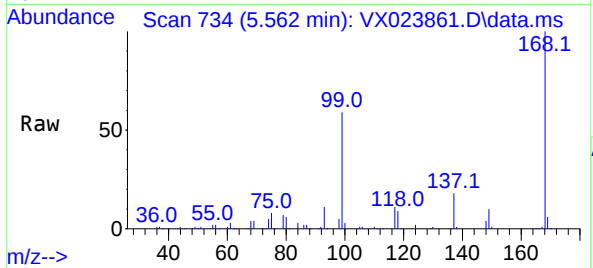




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.000 min  
Lab File: VX023861.D  
Acq: 20 Aug 2021 00:28

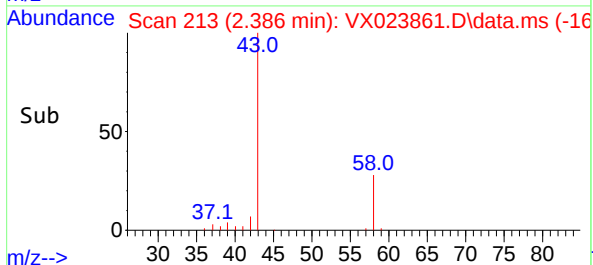
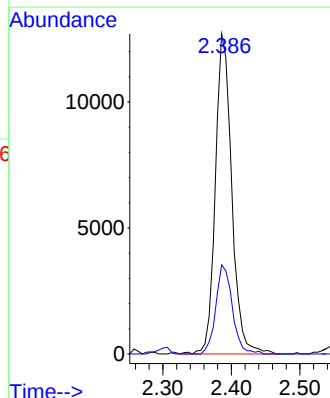
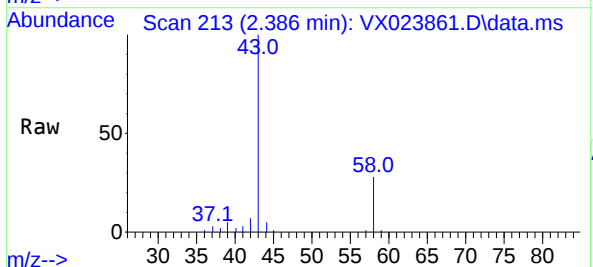
Instrument :  
MSVOA\_X  
ClientSampleId :  
SAMPLE-8-(309.00)

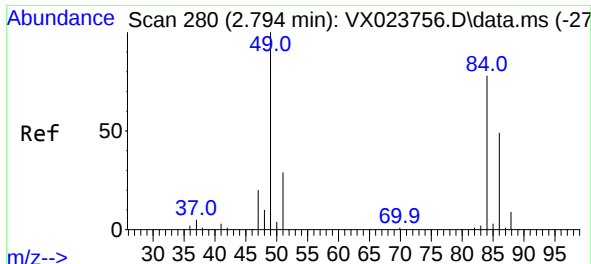
Tgt Ion:168 Resp: 136190  
Ion Ratio Lower Upper  
168 100  
99 59.1 45.8 68.6



#16  
Acetone  
Concen: 24.734 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX023861.D  
Acq: 20 Aug 2021 00:28

Tgt Ion: 43 Resp: 21021  
Ion Ratio Lower Upper  
43 100  
58 27.9 27.8 41.8



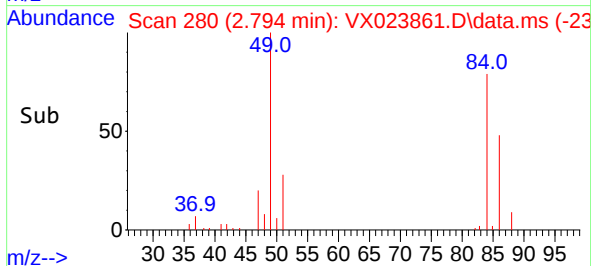
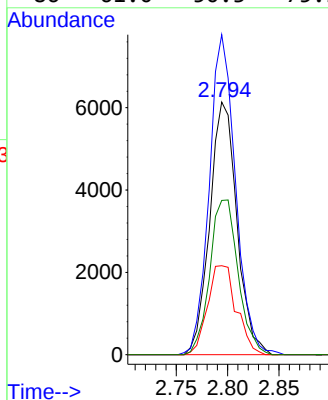
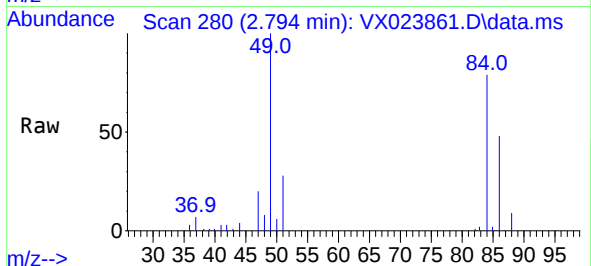


#20  
Methylene Chloride  
Concen: 6.954 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.000 min  
Lab File: VX023861.D  
Acq: 20 Aug 2021 00:28

Instrument :  
MSVOA\_X  
ClientSampleId :  
SAMPLE-8-(309.00)

Tgt Ion: 84 Resp: 11289

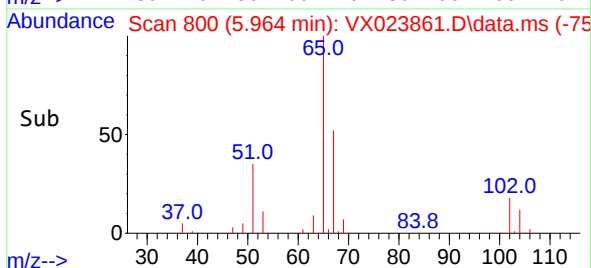
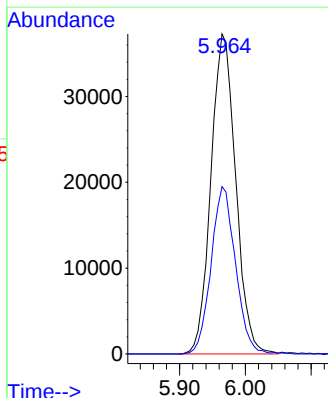
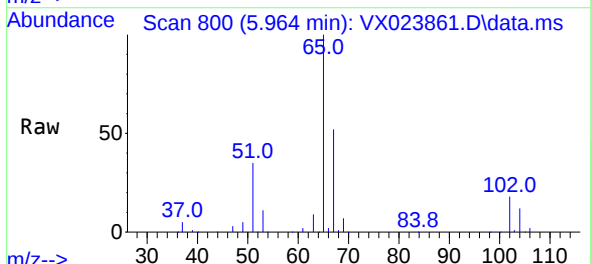
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 126.7 | 88.6  | 132.8 |
| 51  | 35.2  | 27.0  | 40.6  |
| 86  | 61.0  | 50.3  | 75.5  |

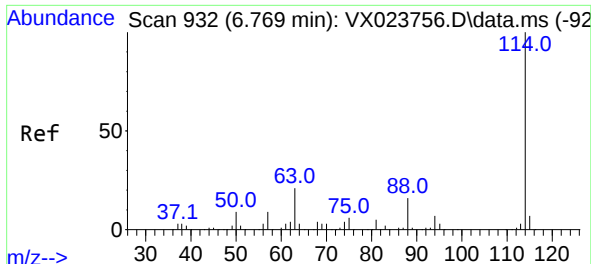


#33  
1,2-Dichloroethane-d4  
Concen: 51.421 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX023861.D  
Acq: 20 Aug 2021 00:28

Tgt Ion: 65 Resp: 97741

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 51.6  | 0.0   | 105.4 |

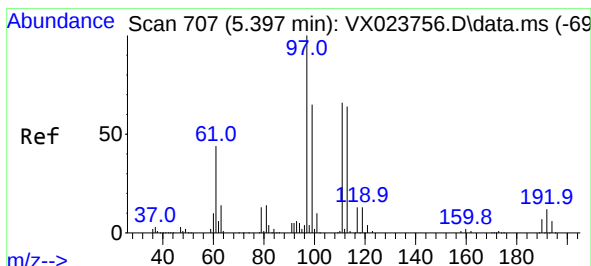
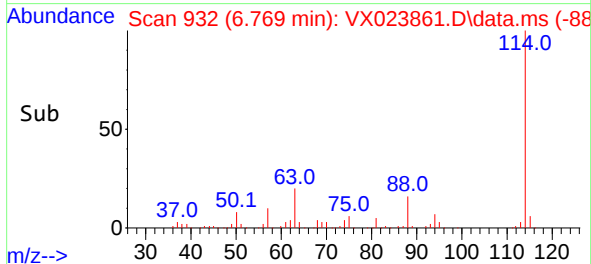
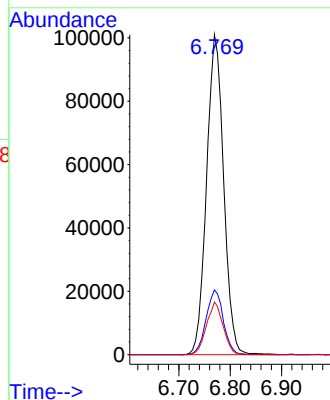
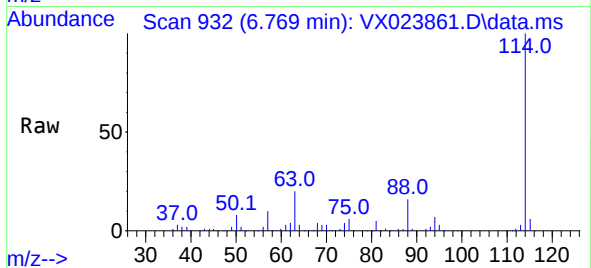




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX023861.D  
Acq: 20 Aug 2021 00:28

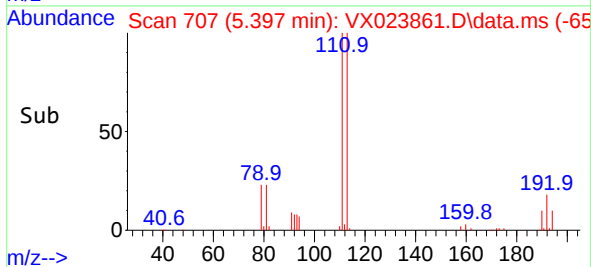
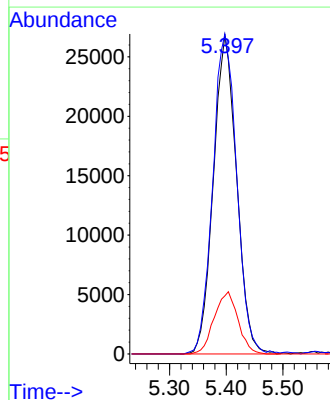
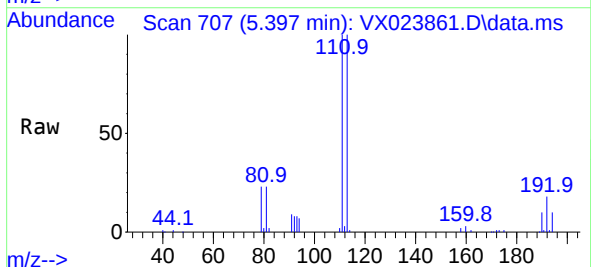
Instrument :  
MSVOA\_X  
ClientSampleId :  
SAMPLE-8-(309.00)

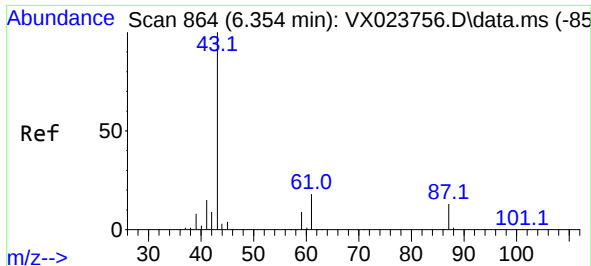
Tgt Ion:114 Resp: 232846  
Ion Ratio Lower Upper  
114 100  
63 20.3 0.0 40.8  
88 16.5 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 49.457 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX023861.D  
Acq: 20 Aug 2021 00:28

Tgt Ion:113 Resp: 76220  
Ion Ratio Lower Upper  
113 100  
111 103.3 81.9 122.9  
192 20.0 16.7 25.1

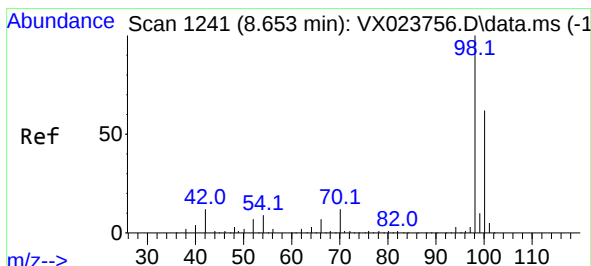
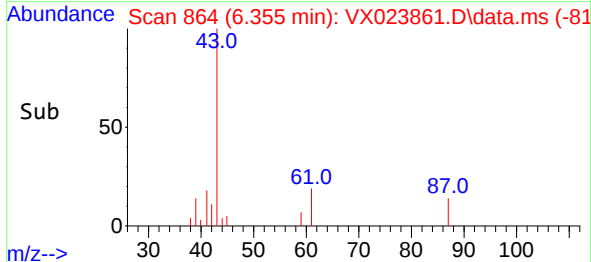
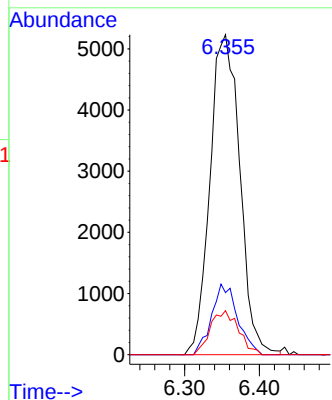
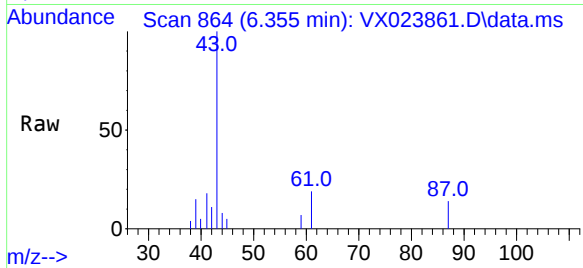




#43  
Isopropyl Acetate  
Concen: 3.496 ug/l  
RT: 6.355 min Scan# 864  
Delta R.T. 0.001 min  
Lab File: VX023861.D  
Acq: 20 Aug 2021 00:28

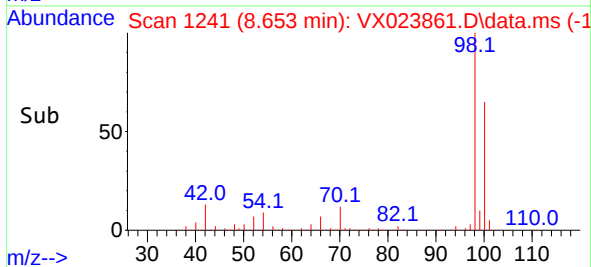
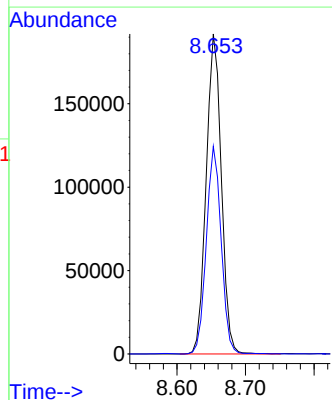
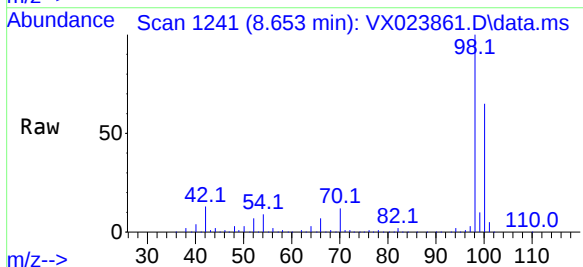
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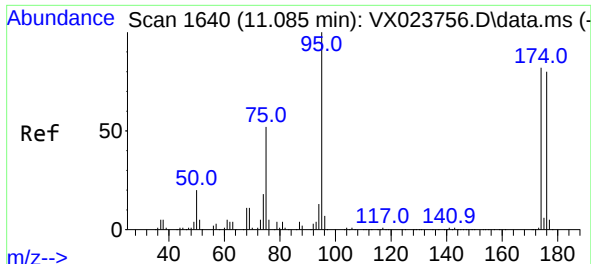
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 14493 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 19.3  | 18.2  | 27.4  |
| 87       | 13.0  | 12.5  | 18.7  |



#50  
Toluene-d8  
Concen: 50.387 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX023861.D  
Acq: 20 Aug 2021 00:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 295556 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 63.7  | 51.9  | 77.9   |

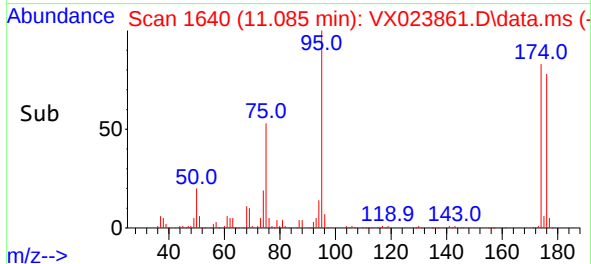
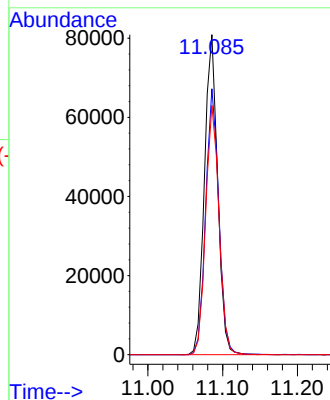
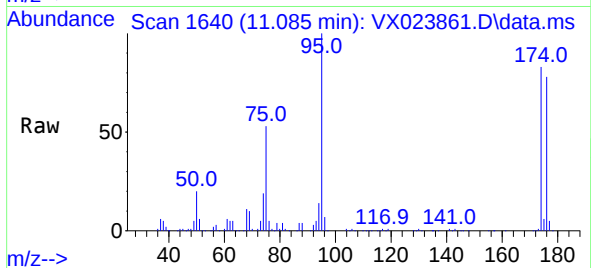




#62  
4-Bromofluorobenzene  
Concen: 45.944 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX023861.D  
Acq: 20 Aug 2021 00:28

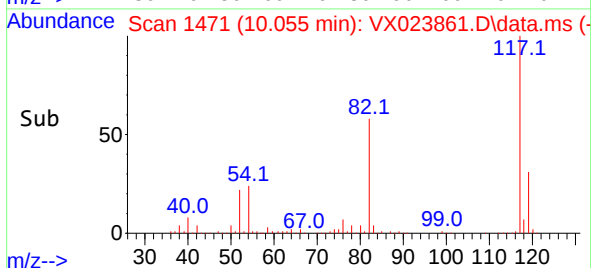
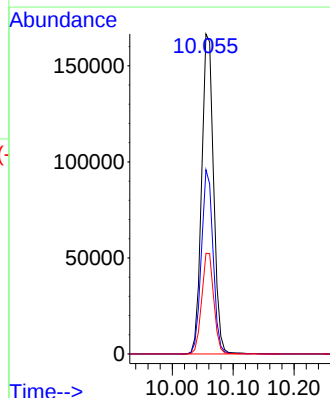
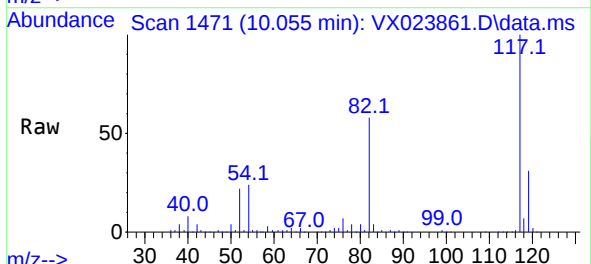
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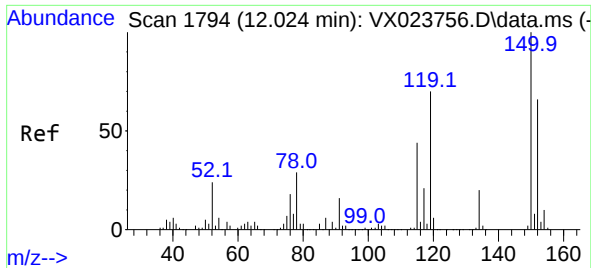
Tgt Ion: 95 Resp: 99207  
Ion Ratio Lower Upper  
95 100  
174 83.1 0.0 154.6  
176 78.8 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX023861.D  
Acq: 20 Aug 2021 00:28

Tgt Ion: 117 Resp: 227279  
Ion Ratio Lower Upper  
117 100  
82 57.5 47.4 71.2  
119 31.5 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: VX023861.D  
 Acq: 20 Aug 2021 00:28

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
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Tgt Ion:152 Resp: 90939  
 Ion Ratio Lower Upper  
 152 100  
 115 59.1 41.1 123.3  
 150 157.3 0.0 349.0

