

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052121\  
 Data File : VX022138.D  
 Acq On : 22 May 2021 01:19  
 Operator : JC/MD  
 Sample : M2420-05ME  
 Misc : 5.06g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CONCESSION-CP-5

Quant Time: May 22 05:02:37 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 19 14:23:10 2021  
 Response via : Initial Calibration

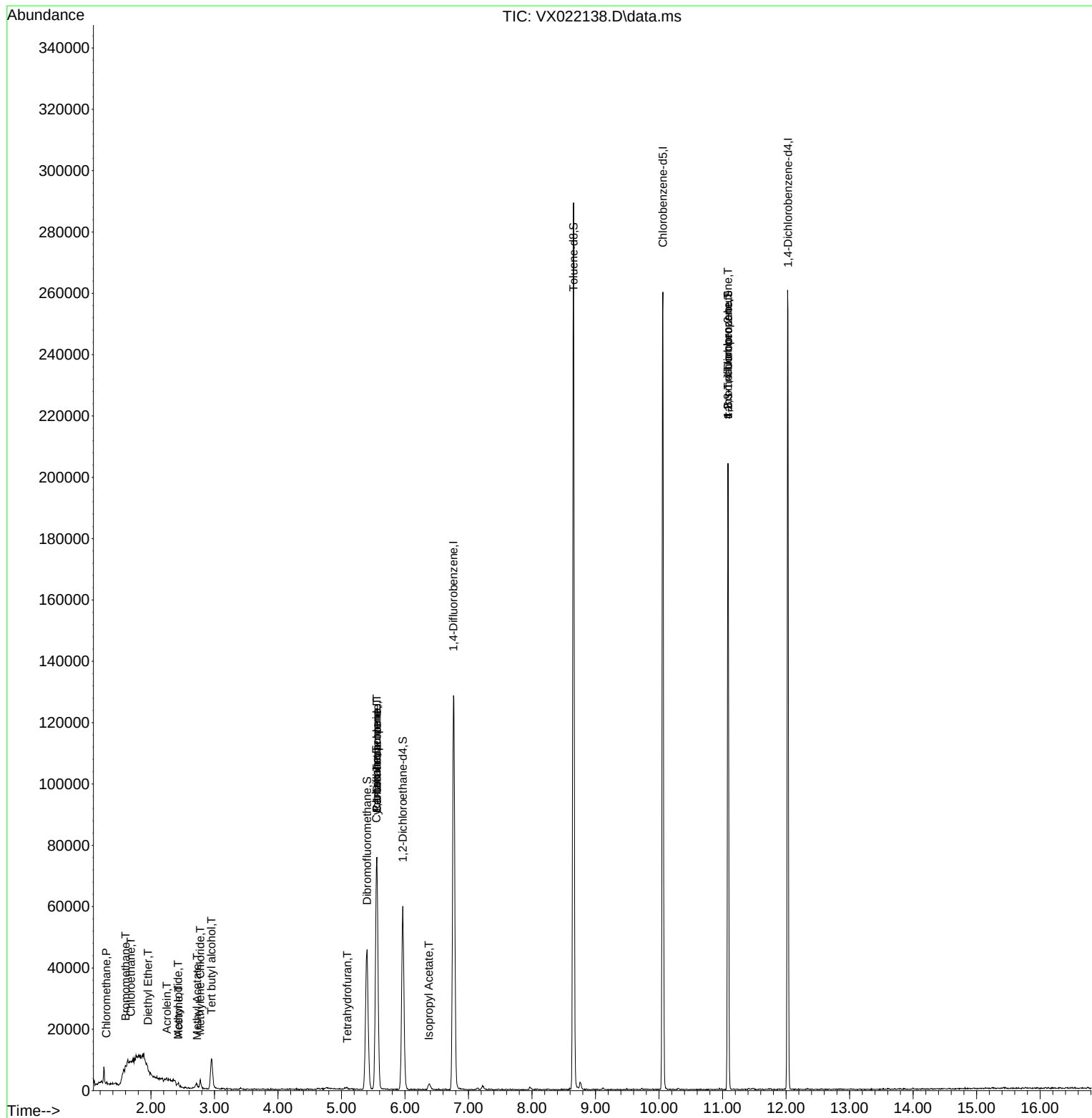
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Pentafluorobenzene         | 5.556  | 168   | 66623    | 50.00    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 133785   | 50.00    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.061 | 117   | 118063   | 50.00    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.030 | 152   | 49421    | 50.00    | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.964  | 65    | 51649    | 50.26    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery | =      | 100.52%  |
| 35) Dibromofluoromethane      | 5.404  | 113   | 39748    | 46.85    | ug/l   | 0.01     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | =      | 93.70%   |
| 50) Toluene-d8                | 8.653  | 98    | 163245   | 49.95    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery | =      | 99.90%   |
| 62) 4-Bromofluorobenzene      | 11.085 | 95    | 58730    | 48.62    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery | =      | 97.24%   |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.294  | 50    | 180      | 0.21     | ug/l # | 42       |
| 5) Bromomethane               | 1.599  | 94    | 349      | 0.65     | ug/l   | 86       |
| 6) Chloroethane               | 1.685  | 64    | 162      | 0.29     | ug/l # | 43       |
| 8) Diethyl Ether              | 1.953  | 74    | 178      | 0.31     | ug/l   | 93       |
| 10) Methyl Iodide             | 2.428  | 142   | 547      | 0.64     | ug/l # | 76       |
| 11) Tert butyl alcohol        | 2.953  | 59    | 6319     | 26.88    | ug/l # | 73       |
| 13) Acrolein                  | 2.252  | 56    | 47       | 0.30     | ug/l # | 1        |
| 16) Acetone                   | 2.435  | 43    | 589      | 1.32     | ug/l # | 72       |
| 18) Methyl Acetate            | 2.727  | 43    | 1242     | 1.04     | ug/l # | 47       |
| 20) Methylene Chloride        | 2.776  | 84    | 1074     | 1.08     | ug/l   | 85       |
| 29) Tetrahydrofuran           | 5.093  | 42    | 468      | 1.09     | ug/l # | 40       |
| 31) Cyclohexane               | 5.550  | 56    | 1845     | 1.43     | ug/l # | 27       |
| 36) 1,1-Dichloropropene       | 5.556  | 75    | 6462     | 5.22     | ug/l # | 48       |
| 38) Carbon Tetrachloride      | 5.556  | 117   | 7547     | 6.24     | ug/l # | 16       |
| 43) Isopropyl Acetate         | 6.373  | 43    | 1128     | 0.45     | ug/l # | 57       |
| 76) 1,2,3-Trichloropropane    | 11.085 | 75    | 30682    | 25.17    | ug/l # | 38       |
| 81) trans-1,4-Dichloro-2-b... | 11.085 | 75    | 30682    | 59.63    | ug/l # | 12       |
| -----                         |        |       |          |          |        |          |

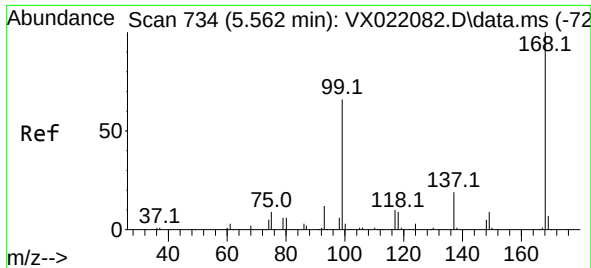
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052121\  
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Sample : M2420-05ME  
Misc : 5.06g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
CONCESSION-CP-5

Quant Time: May 22 05:02:37 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 19 14:23:10 2021  
Response via : Initial Calibration

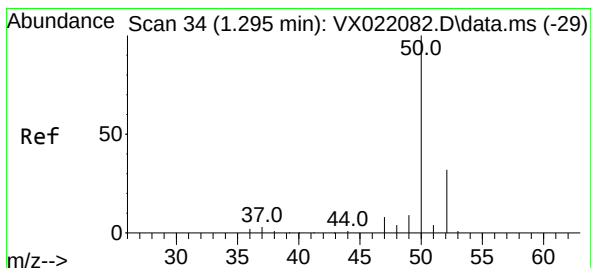
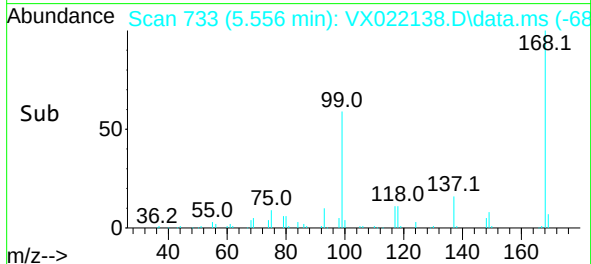
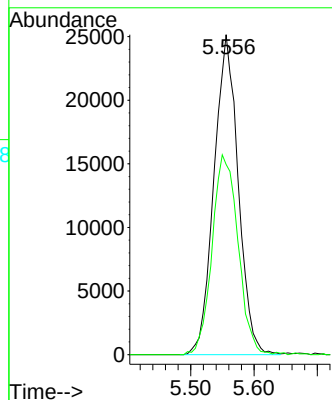
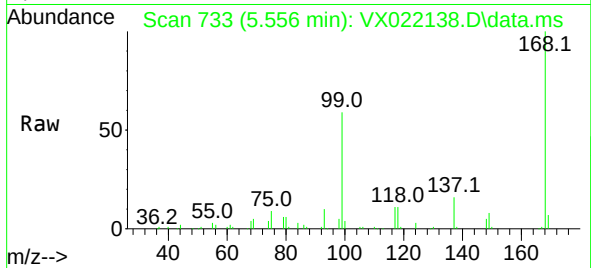




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.006 min  
Lab File: VX022138.D  
Acq: 22 May 2021 01:19

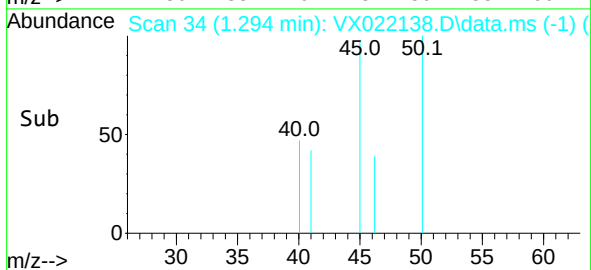
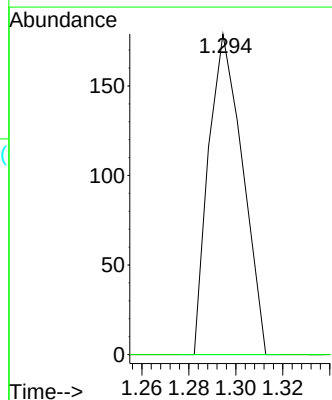
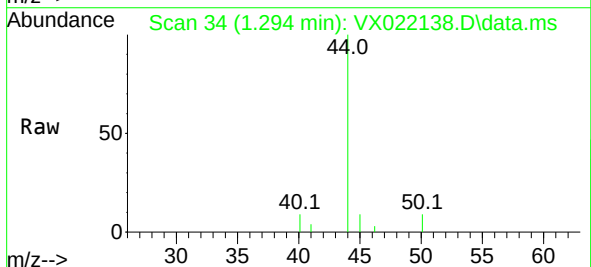
Instrument :  
MSVOA\_X  
ClientSampleId :  
CONCESSION-CP-5

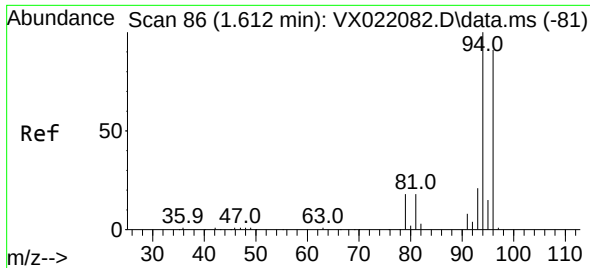
Tgt Ion:168 Resp: 66623  
Ion Ratio Lower Upper  
168 100  
99 59.5 45.8 68.6



#3  
Chloromethane  
Concen: 0.21 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.001 min  
Lab File: VX022138.D  
Acq: 22 May 2021 01:19

Tgt Ion: 50 Resp: 180  
Ion Ratio Lower Upper  
50 100  
52 0.0 26.4 39.6#

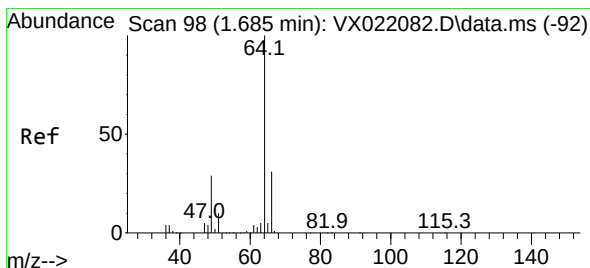
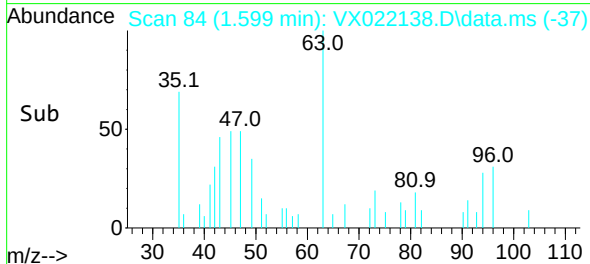
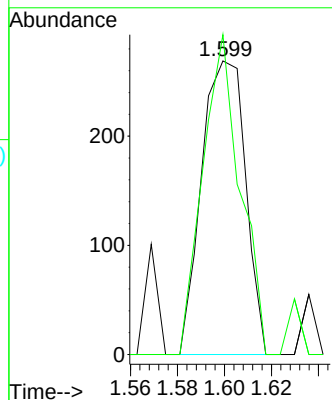
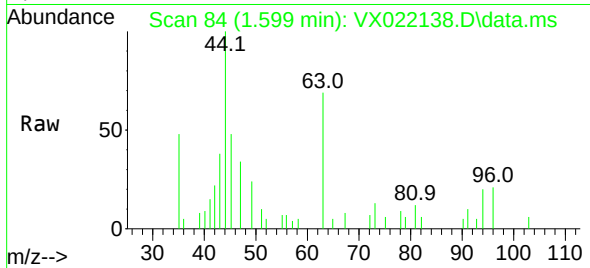




#5  
Bromomethane  
Concen: 0.65 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. -0.013 min  
Lab File: VX022138.D  
Acq: 22 May 2021 01:19

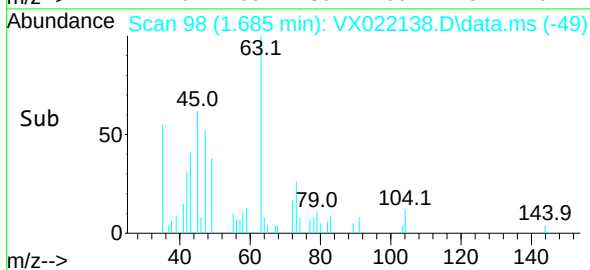
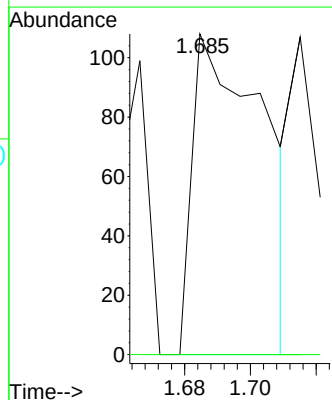
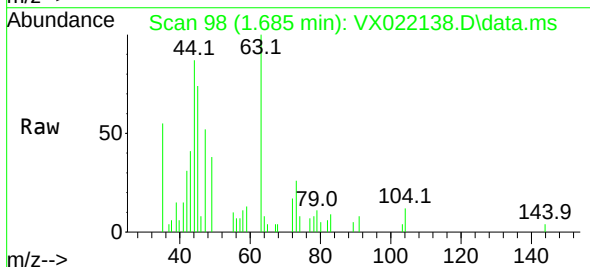
Instrument :  
MSVOA\_X  
ClientSampleId :  
CONCESSION-CP-5

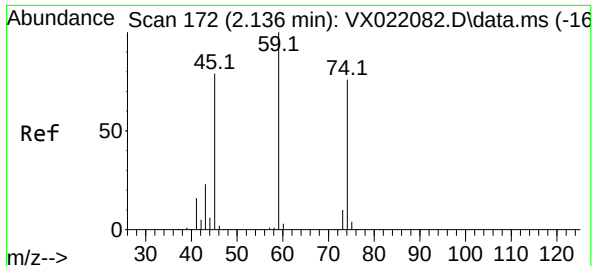
Tgt Ion: 94 Resp: 349  
Ion Ratio Lower Upper  
94 100  
96 108.9 76.4 114.6



#6  
Chloroethane  
Concen: 0.29 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. -0.000 min  
Lab File: VX022138.D  
Acq: 22 May 2021 01:19

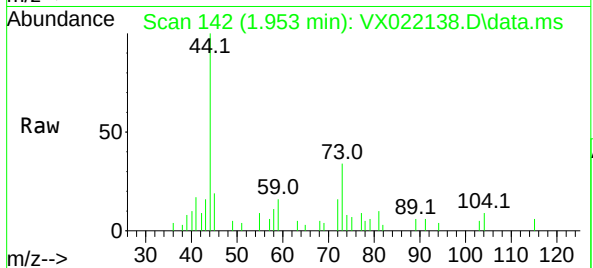
Tgt Ion: 64 Resp: 162  
Ion Ratio Lower Upper  
64 100  
66 0.0 25.4 38.0#



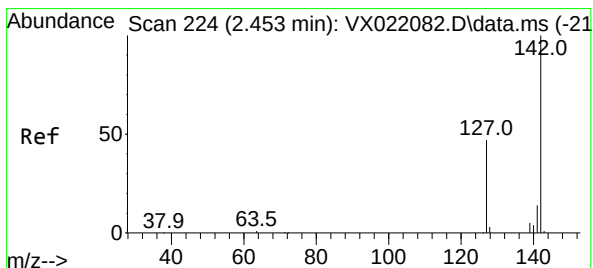
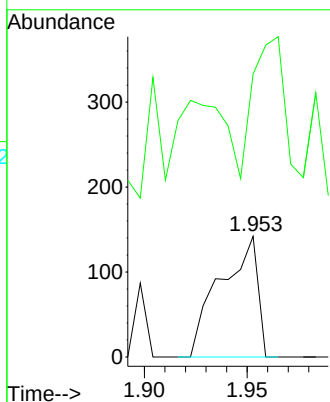
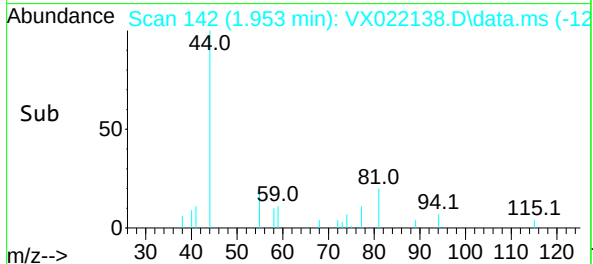


#8  
Diethyl Ether  
Concen: 0.31 ug/l  
RT: 1.953 min Scan# 142  
Delta R.T. -0.183 min  
Lab File: VX022138.D  
Acq: 22 May 2021 01:19

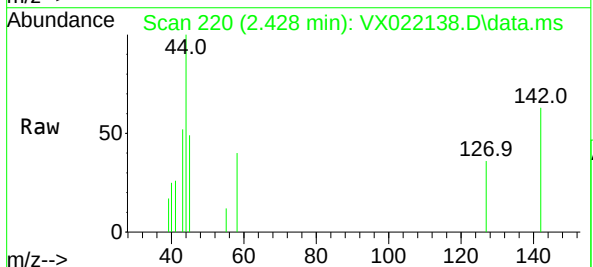
Instrument :  
MSVOA\_X  
ClientSampleId :  
CONCESSION-CP-5



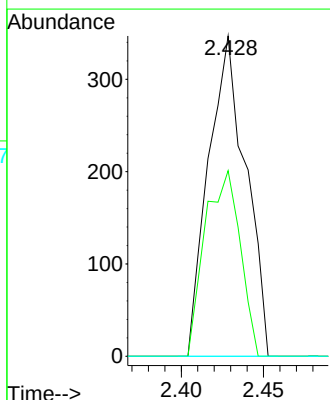
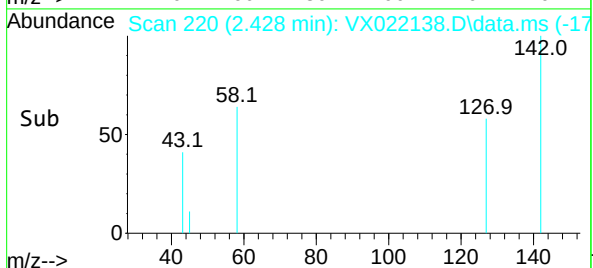
Tgt Ion: 74 Resp: 178  
Ion Ratio Lower Upper  
74 100  
45 95.5 44.5 133.5

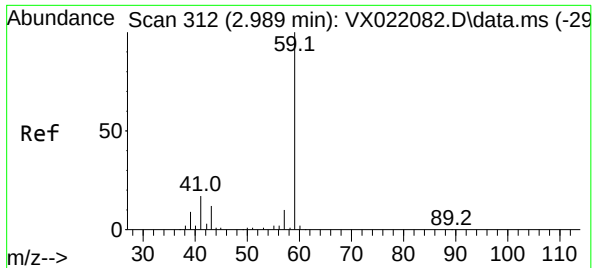


#10  
Methyl Iodide  
Concen: 0.64 ug/l  
RT: 2.428 min Scan# 220  
Delta R.T. -0.025 min  
Lab File: VX022138.D  
Acq: 22 May 2021 01:19



Tgt Ion: 142 Resp: 547  
Ion Ratio Lower Upper  
142 100  
127 54.7 33.3 49.9#  
141 0.0 11.4 17.0#

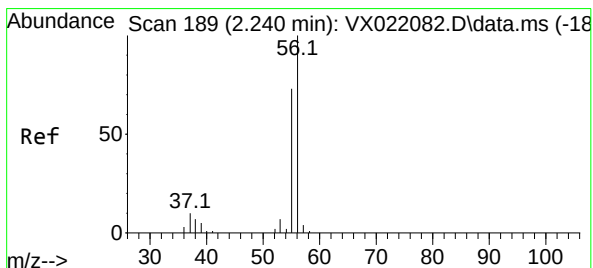
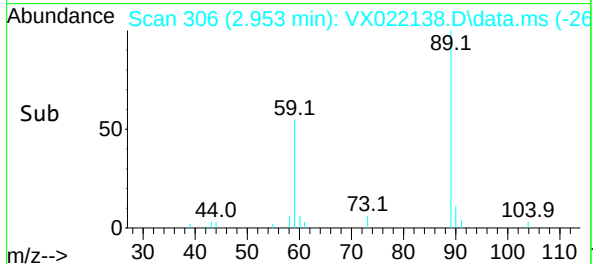
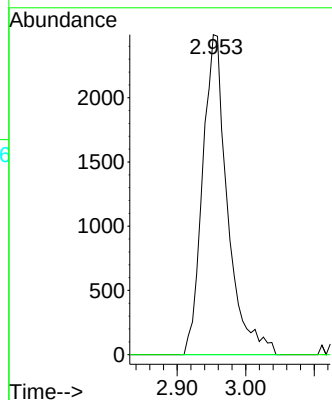
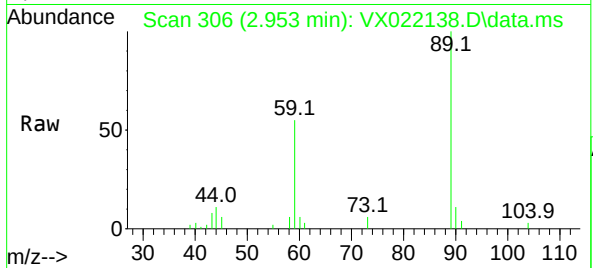




#11  
Tert butyl alcohol  
Concen: 26.88 ug/l  
RT: 2.953 min Scan# 306  
Delta R.T. -0.036 min  
Lab File: VX022138.D  
Acq: 22 May 2021 01:19

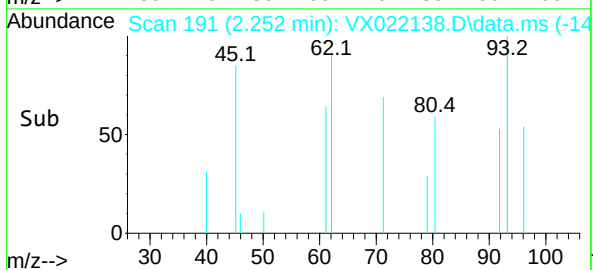
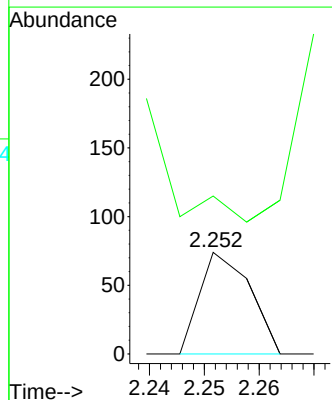
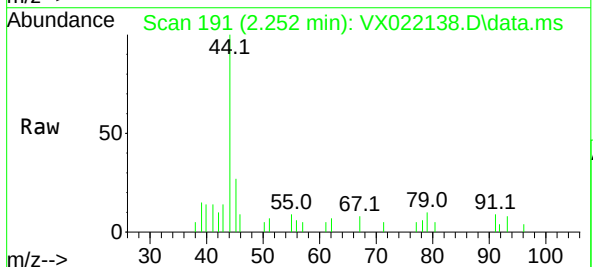
Instrument :  
MSVOA\_X  
ClientSampleId :  
CONCESSION-CP-5

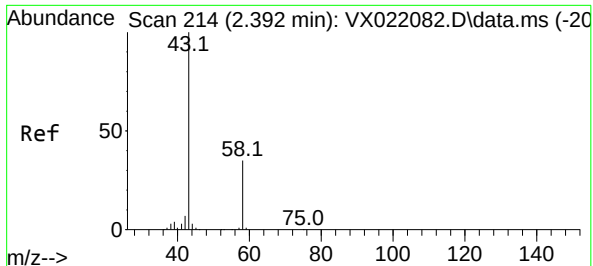
Tgt Ion: 59 Resp: 6319  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.8 11.8#



#13  
Acrolein  
Concen: 0.30 ug/l  
RT: 2.252 min Scan# 191  
Delta R.T. 0.012 min  
Lab File: VX022138.D  
Acq: 22 May 2021 01:19

Tgt Ion: 56 Resp: 47  
Ion Ratio Lower Upper  
56 100  
55 178.7 56.4 84.6#

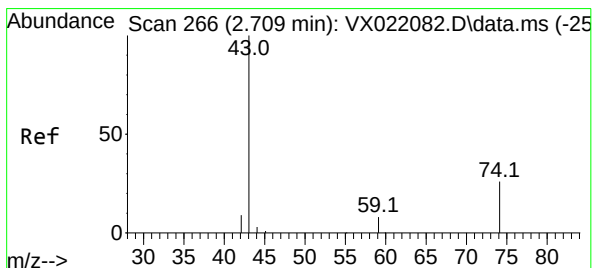
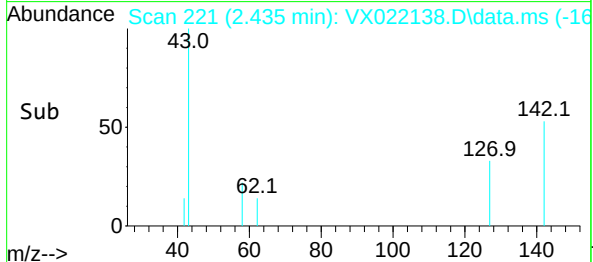
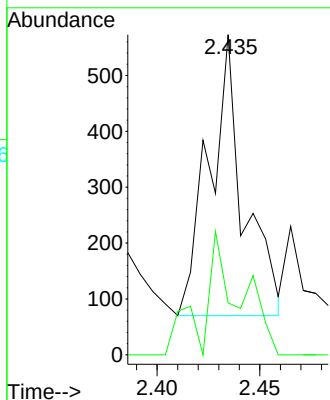
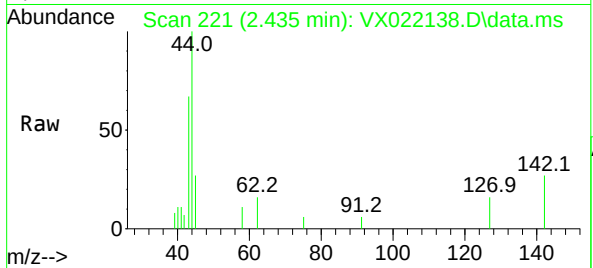




#16  
Acetone  
Concen: 1.32 ug/l  
RT: 2.435 min Scan# 221  
Delta R.T. 0.043 min  
Lab File: VX022138.D  
Acq: 22 May 2021 01:19

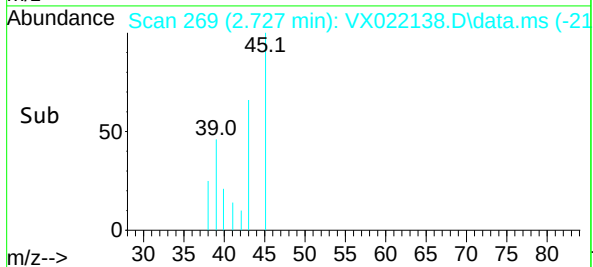
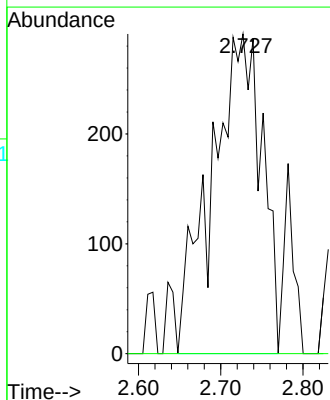
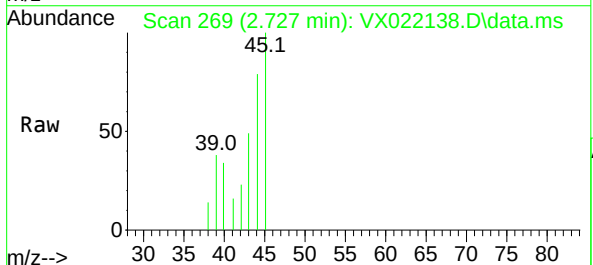
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CONCESSION-CP-5

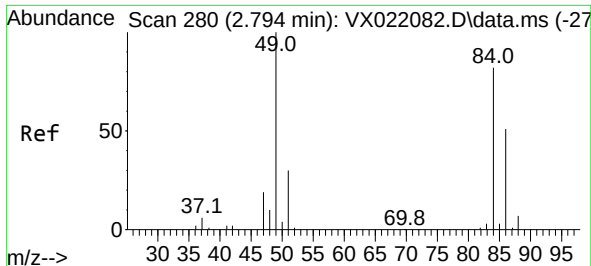
Tgt Ion: 43 Resp: 589  
Ion Ratio Lower Upper  
43 100  
58 18.5 27.8 41.8#



#18  
Methyl Acetate  
Concen: 1.04 ug/l  
RT: 2.727 min Scan# 269  
Delta R.T. 0.018 min  
Lab File: VX022138.D  
Acq: 22 May 2021 01:19

Tgt Ion: 43 Resp: 1242  
Ion Ratio Lower Upper  
43 100  
74 0.0 21.9 32.9#



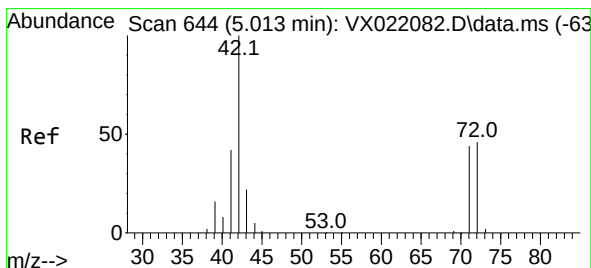
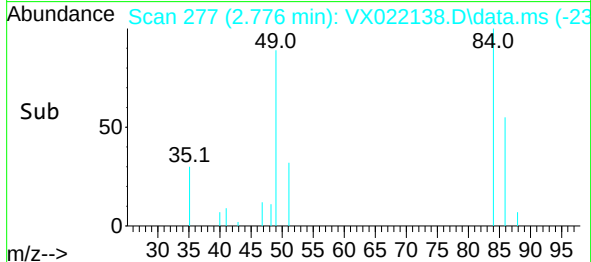
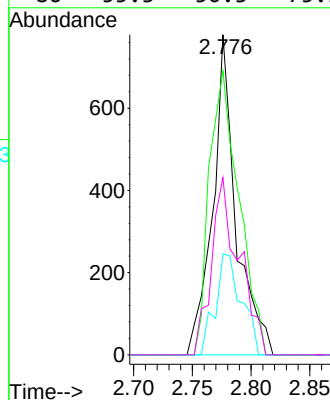
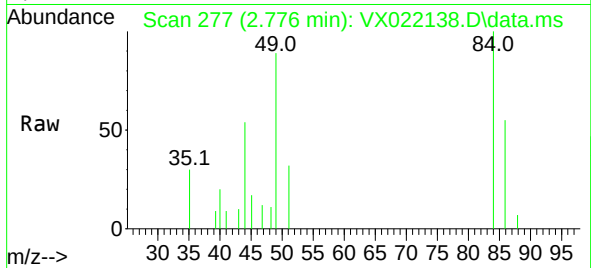


#20  
Methylene Chloride  
Concen: 1.08 ug/l  
RT: 2.776 min Scan# 277  
Delta R.T. -0.018 min  
Lab File: VX022138.D  
Acq: 22 May 2021 01:19

Instrument :  
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CONCESSION-CP-5

Tgt Ion: 84 Resp: 1074

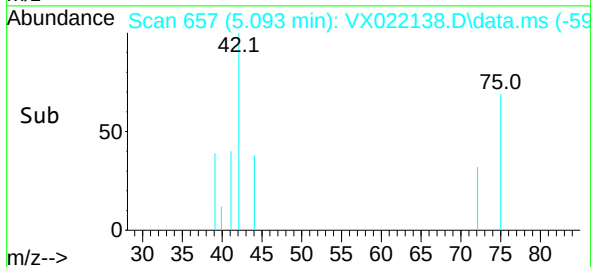
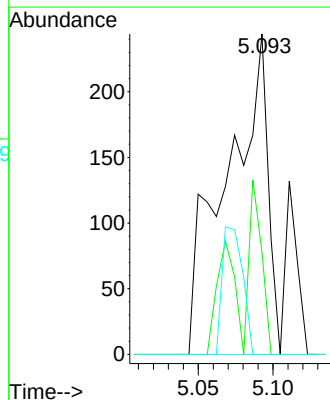
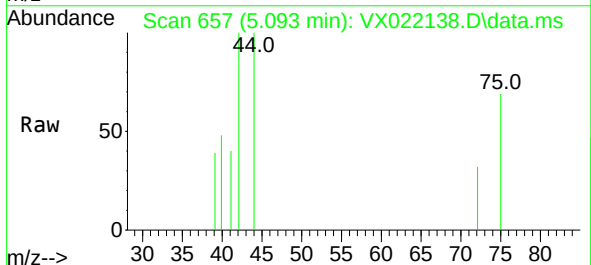
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 88.7  | 88.6  | 132.8 |
| 51  | 31.6  | 27.0  | 40.6  |
| 86  | 55.3  | 50.3  | 75.5  |



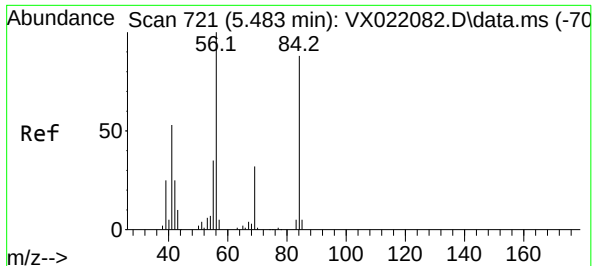
#29  
Tetrahydrofuran  
Concen: 1.09 ug/l  
RT: 5.093 min Scan# 657  
Delta R.T. 0.080 min  
Lab File: VX022138.D  
Acq: 22 May 2021 01:19

Tgt Ion: 42 Resp: 468

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 16.5  | 41.7  | 62.5# |
| 71  | 0.0   | 38.4  | 57.6# |

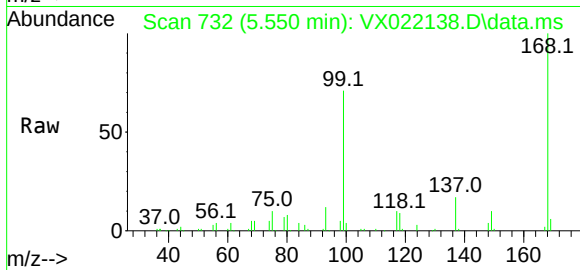




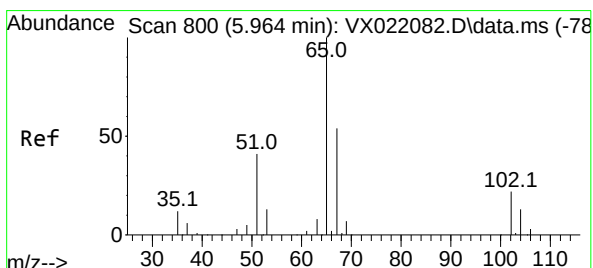
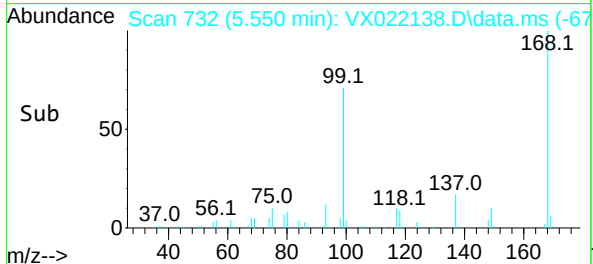
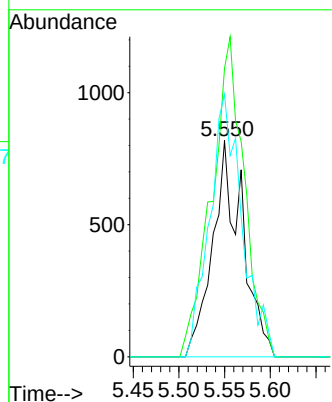


#31  
Cyclohexane  
Concen: 1.43 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. 0.067 min  
Lab File: VX022138.D  
Acq: 22 May 2021 01:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
CONCESSION-CP-5

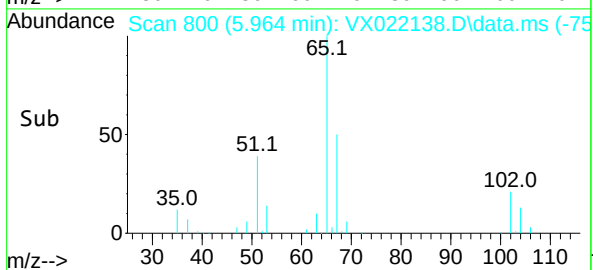
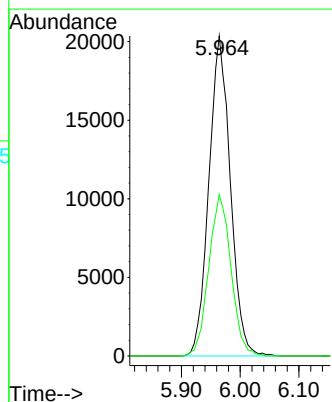
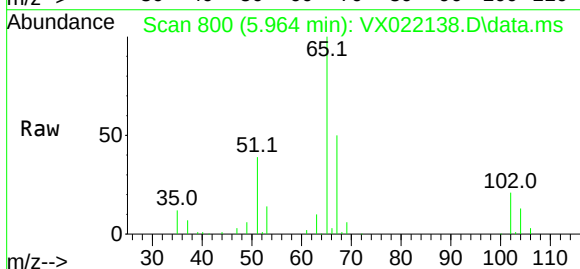


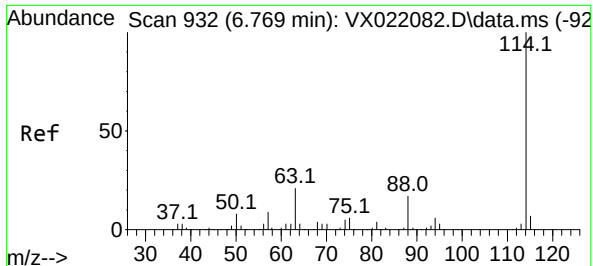
Tgt Ion: 56 Resp: 1845  
Ion Ratio Lower Upper  
56 100  
69 133.3 25.3 37.9#  
84 121.4 71.4 107.0#



#33  
1,2-Dichloroethane-d4  
Concen: 50.26 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX022138.D  
Acq: 22 May 2021 01:19

Tgt Ion: 65 Resp: 51649  
Ion Ratio Lower Upper  
65 100  
67 52.1 0.0 105.4

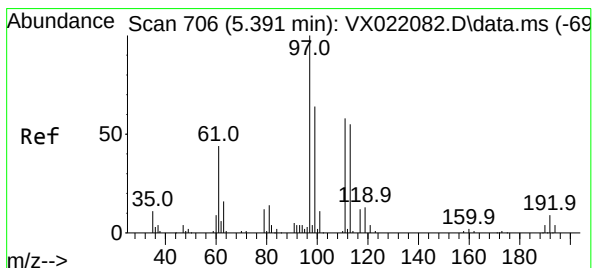
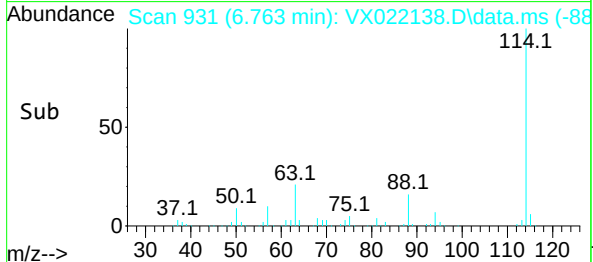
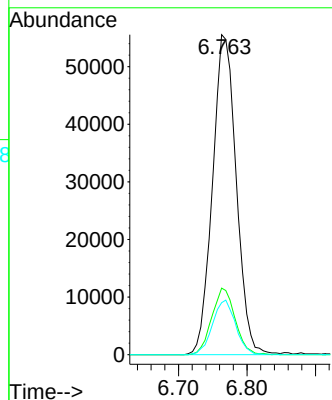
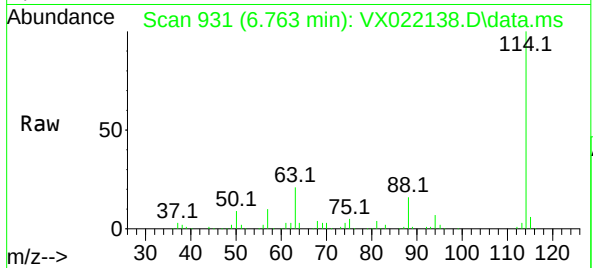




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.763 min Scan# 931  
Delta R.T. -0.006 min  
Lab File: VX022138.D  
Acq: 22 May 2021 01:19

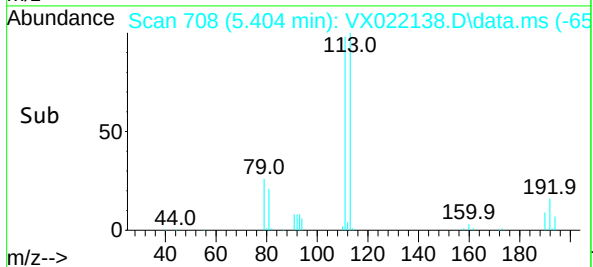
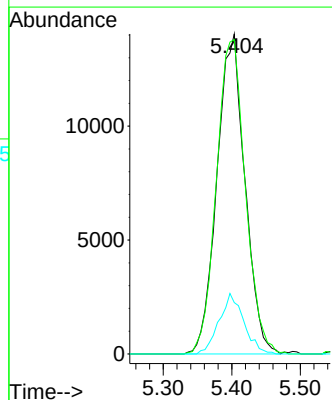
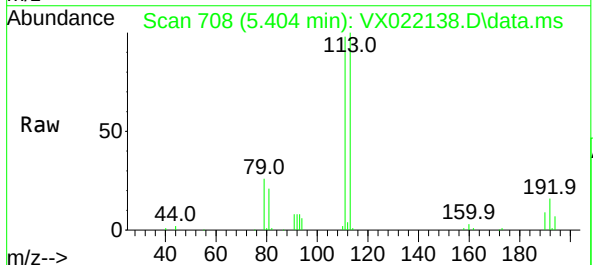
Instrument :  
MSVOA\_X  
ClientSampleId :  
CONCESSION-CP-5

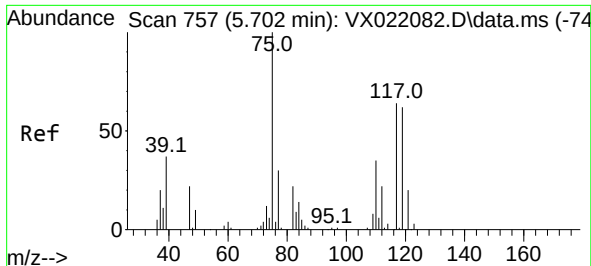
Tgt Ion:114 Resp: 133785  
Ion Ratio Lower Upper  
114 100  
63 20.8 0.0 40.8  
88 16.2 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 46.85 ug/l  
RT: 5.404 min Scan# 708  
Delta R.T. 0.013 min  
Lab File: VX022138.D  
Acq: 22 May 2021 01:19

Tgt Ion:113 Resp: 39748  
Ion Ratio Lower Upper  
113 100  
111 101.8 81.9 122.9  
192 16.7 16.7 25.1#

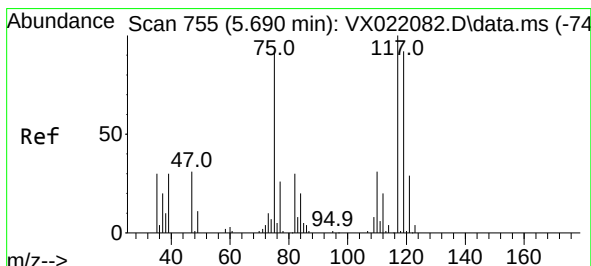
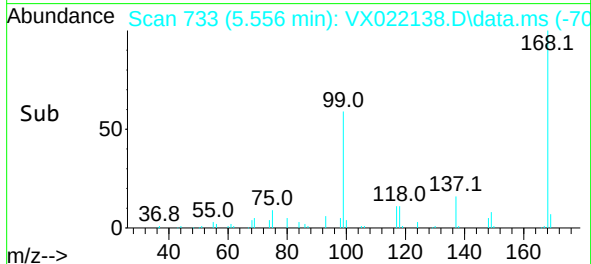
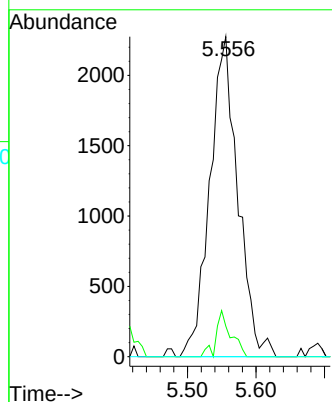
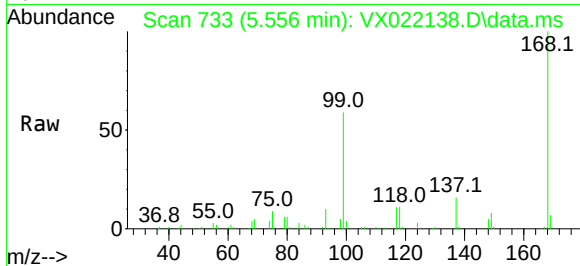




#36  
1,1-Dichloropropene  
Concen: 5.22 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.146 min  
Lab File: VX022138.D  
Acq: 22 May 2021 01:19

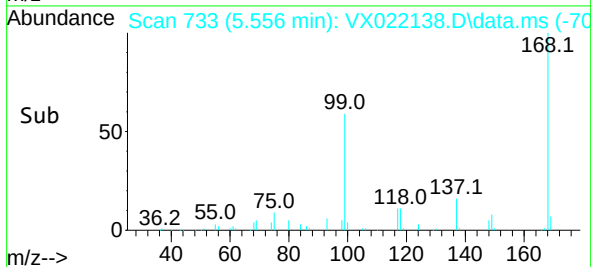
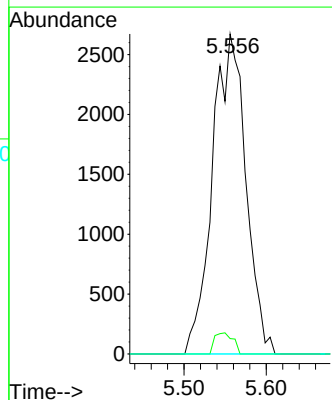
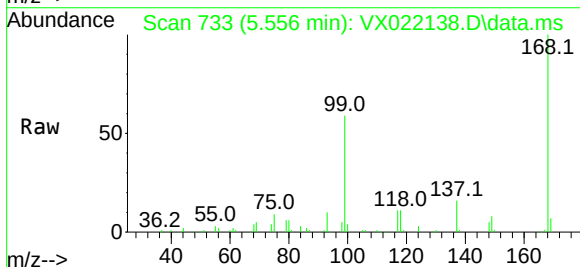
Instrument :  
MSVOA\_X  
ClientSampleId :  
CONCESSION-CP-5

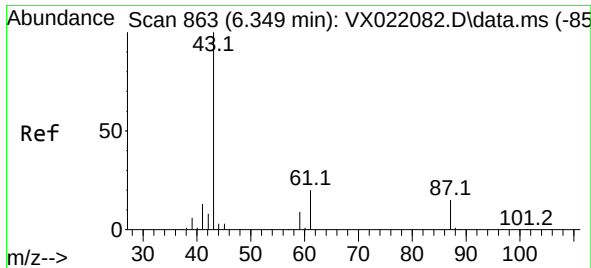
Tgt Ion: 75 Resp: 6462  
Ion Ratio Lower Upper  
75 100  
110 7.6 18.1 54.4#  
77 0.0 25.3 37.9#



#38  
Carbon Tetrachloride  
Concen: 6.24 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.134 min  
Lab File: VX022138.D  
Acq: 22 May 2021 01:19

Tgt Ion: 117 Resp: 7547  
Ion Ratio Lower Upper  
117 100  
119 4.8 76.2 114.2#  
121 0.0 24.8 37.2#

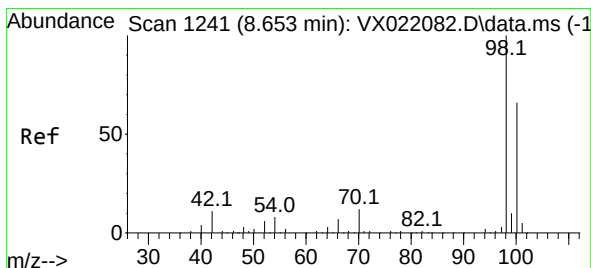
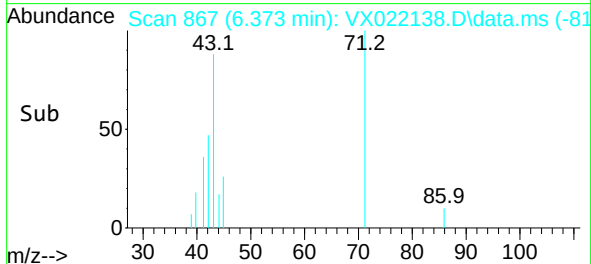
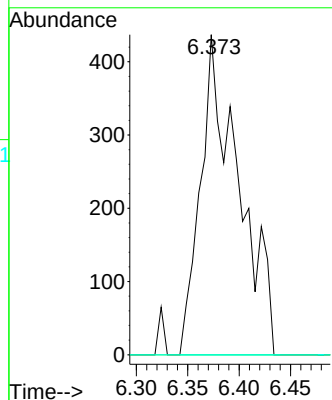
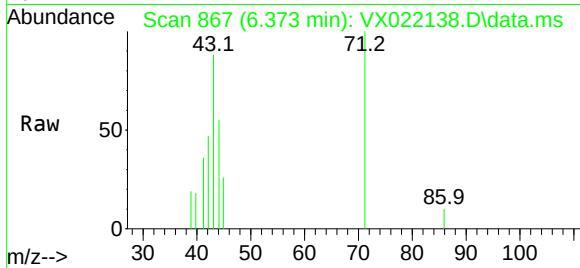




#43  
Isopropyl Acetate  
Concen: 0.45 ug/l  
RT: 6.373 min Scan# 867  
Delta R.T. 0.024 min  
Lab File: VX022138.D  
Acq: 22 May 2021 01:19

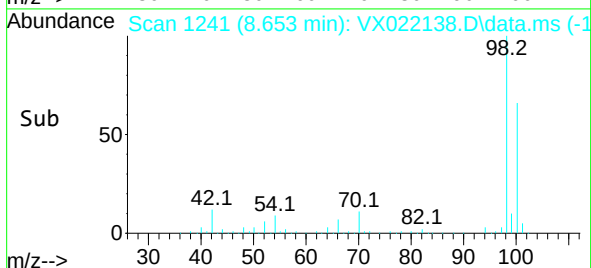
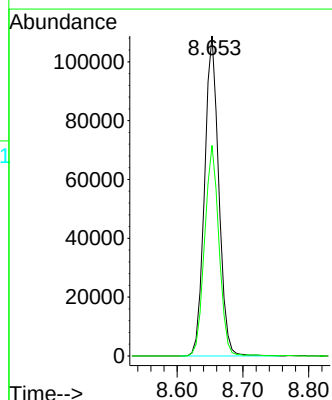
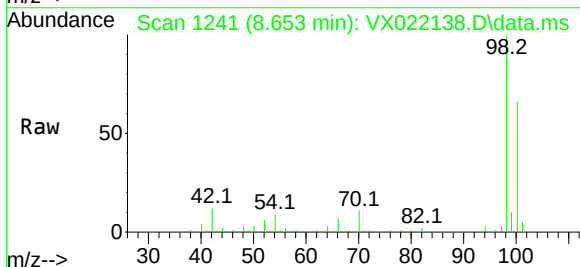
Instrument :  
MSVOA\_X  
ClientSampleId :  
CONCESSION-CP-5

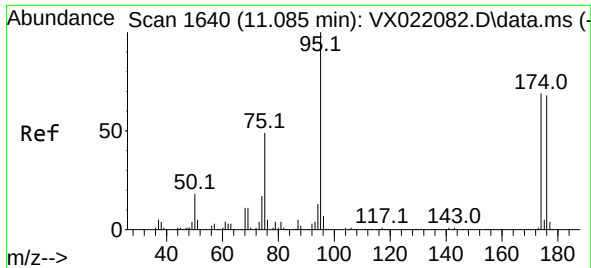
Tgt Ion: 43 Resp: 1128  
Ion Ratio Lower Upper  
43 100  
61 0.0 18.2 27.4#  
87 0.0 12.5 18.7#



#50  
Toluene-d8  
Concen: 49.95 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX022138.D  
Acq: 22 May 2021 01:19

Tgt Ion: 98 Resp: 163245  
Ion Ratio Lower Upper  
98 100  
100 66.3 51.9 77.9

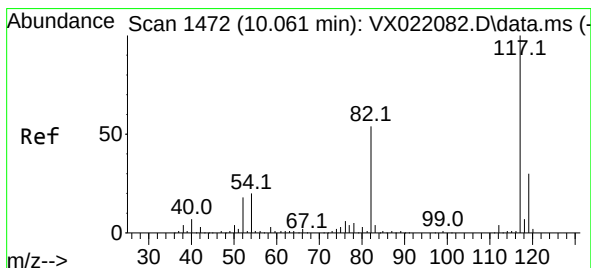
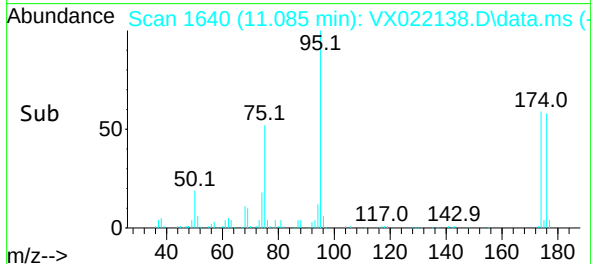
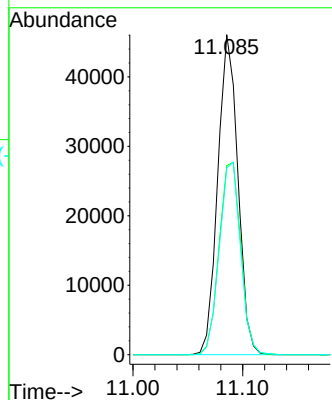
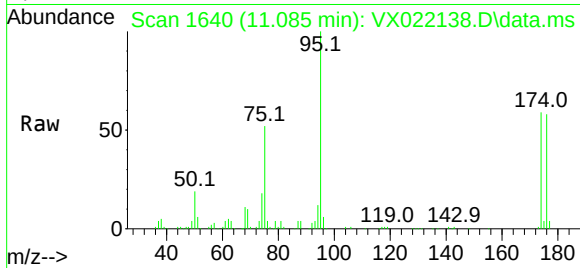




#62  
4-Bromofluorobenzene  
Concen: 48.62 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022138.D  
Acq: 22 May 2021 01:19

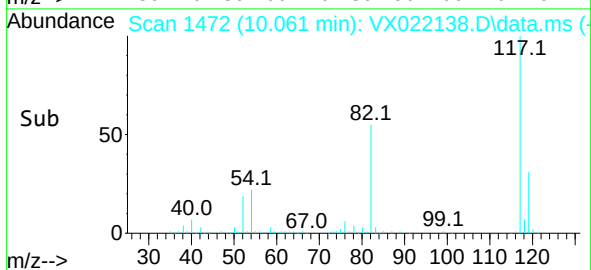
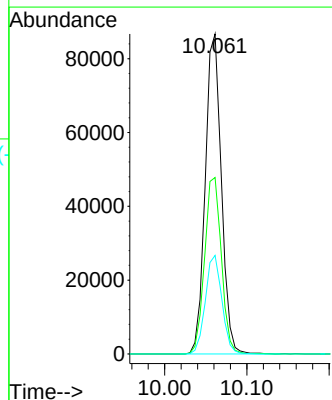
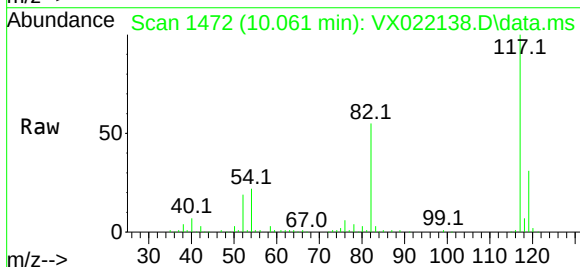
Instrument :  
MSVOA\_X  
ClientSampleId :  
CONCESSION-CP-5

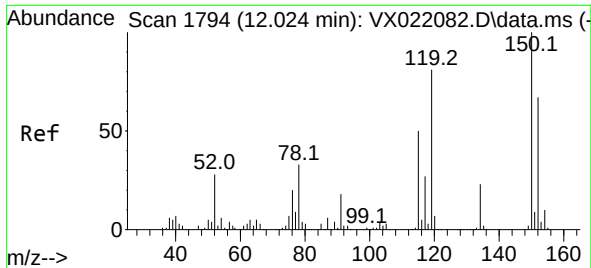
Tgt Ion: 95 Resp: 58730  
Ion Ratio Lower Upper  
95 100  
174 64.9 0.0 154.6  
176 63.3 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.061 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VX022138.D  
Acq: 22 May 2021 01:19

Tgt Ion: 117 Resp: 118063  
Ion Ratio Lower Upper  
117 100  
82 55.2 47.4 71.2  
119 30.8 26.6 39.8

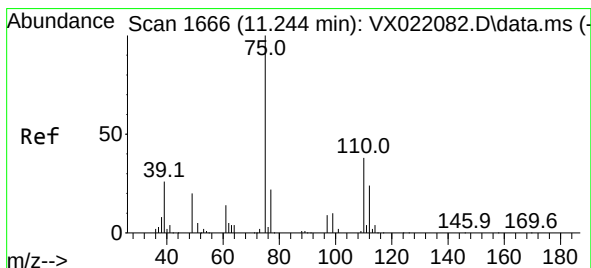
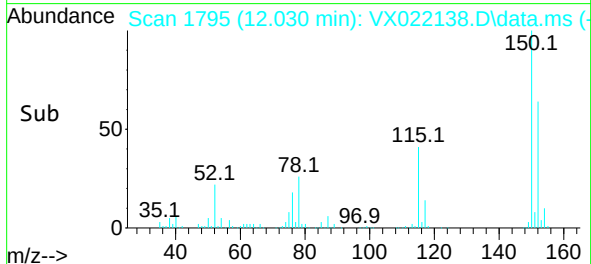
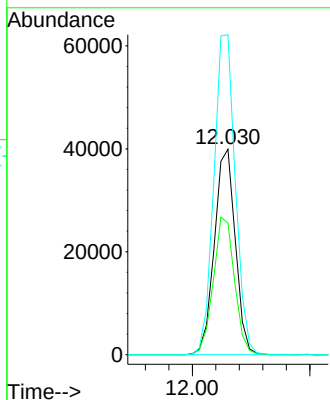
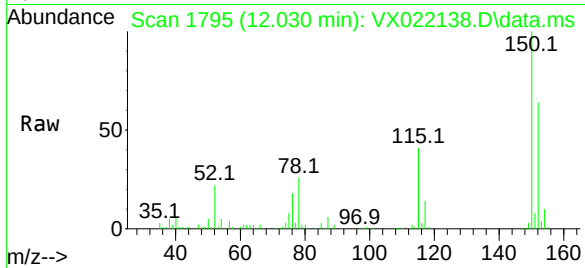




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 12.030 min Scan# 1795  
 Delta R.T. 0.006 min  
 Lab File: VX022138.D  
 Acq: 22 May 2021 01:19

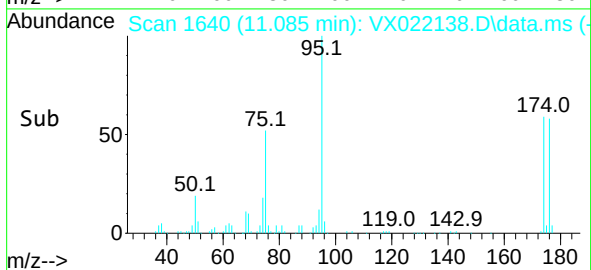
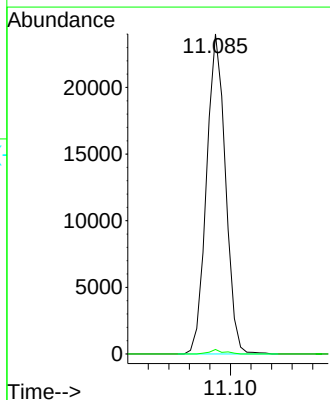
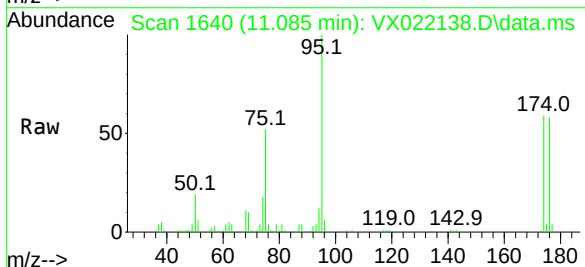
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CONCESSION-CP-5

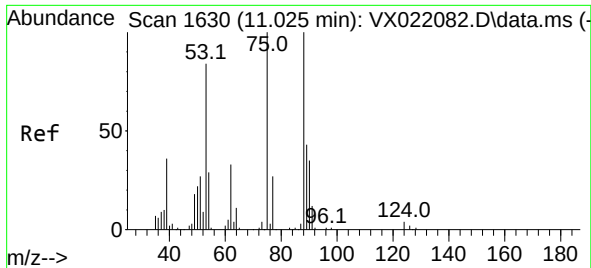
Tgt Ion:152 Resp: 49421  
 Ion Ratio Lower Upper  
 152 100  
 115 67.9 41.1 123.3  
 150 159.8 0.0 349.0



#76  
 1,2,3-Trichloropropane  
 Concen: 25.17 ug/l  
 RT: 11.085 min Scan# 1640  
 Delta R.T. -0.159 min  
 Lab File: VX022138.D  
 Acq: 22 May 2021 01:19

Tgt Ion: 75 Resp: 30682  
 Ion Ratio Lower Upper  
 75 100  
 77 1.0 19.1 57.5#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 59.63 ug/l  
 RT: 11.085 min Scan# 1640  
 Delta R.T. 0.060 min  
 Lab File: VX022138.D  
 Acq: 22 May 2021 01:19

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CONCESSION-CP-5

Tgt Ion: 75 Resp: 30682  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 74.5 111.7#  
 89 0.0 37.9 56.9#

