

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030323\  
 Data File : VX034331.D  
 Acq On : 03 Mar 2023 18:32  
 Operator : JC/MD  
 Sample : 01767-10  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CE-63-030123

Quant Time: Mar 03 22:16:46 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 17 12:33:35 2023  
 Response via : Initial Calibration

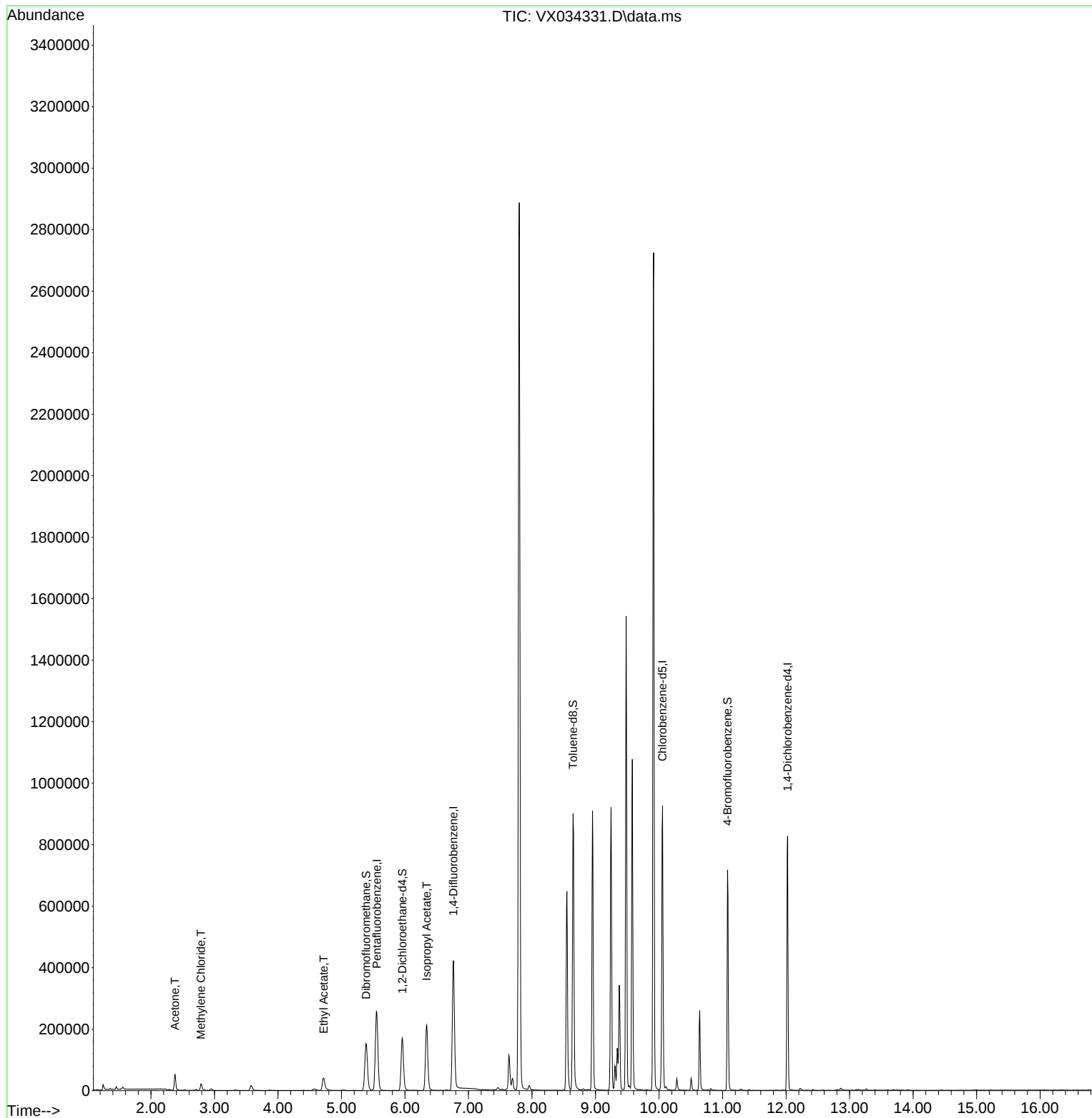
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 257040   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 432157   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 401551   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 176398   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 157389   | 45.466   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 90.940%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 134043   | 47.638   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 95.280%  |
| 50) Toluene-d8              | 8.647  | 98    | 529327   | 52.396   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 104.800% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 186384   | 48.233   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 96.460%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.380  | 43    | 54804    | 30.690   | ug/l   | 95       |
| 20) Methylene Chloride      | 2.788  | 84    | 10134    | 3.150    | ug/l   | 97       |
| 37) Ethyl Acetate           | 4.721  | 43    | 73226    | 15.745   | ug/l   | 98       |
| 43) Isopropyl Acetate       | 6.342  | 43    | 304474   | 37.100   | ug/l   | 99       |
| -----                       |        |       |          |          |        |          |

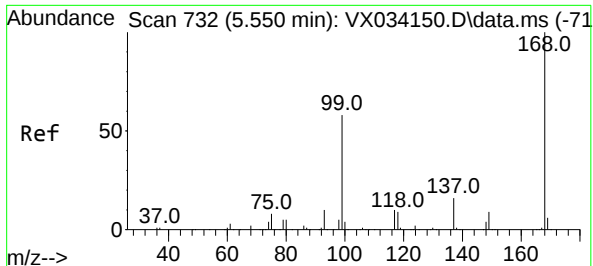
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 17 12:33:35 2023  
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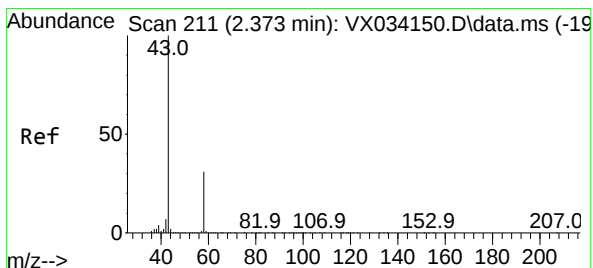
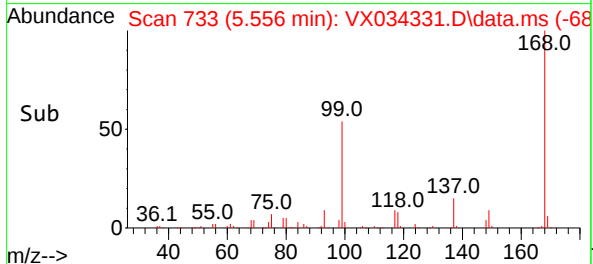
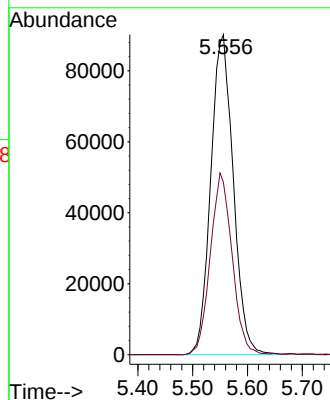
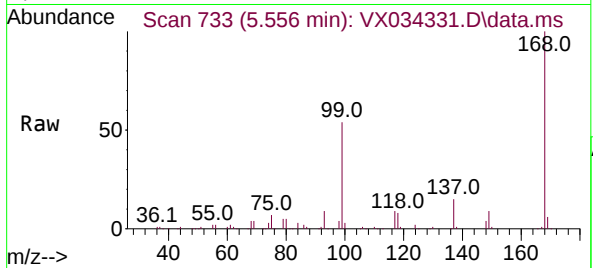




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX034331.D  
Acq: 03 Mar 2023 18:32

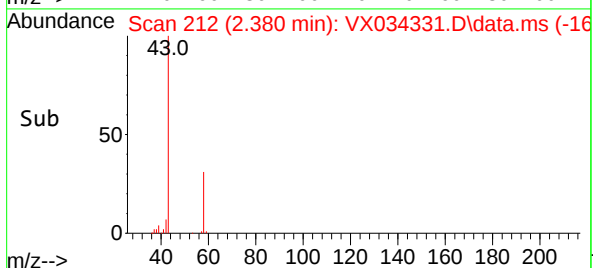
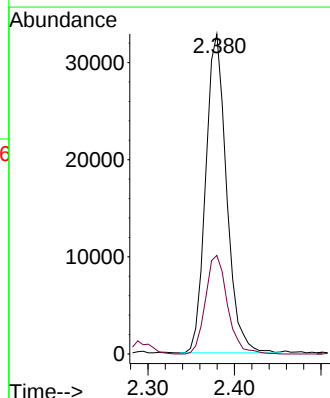
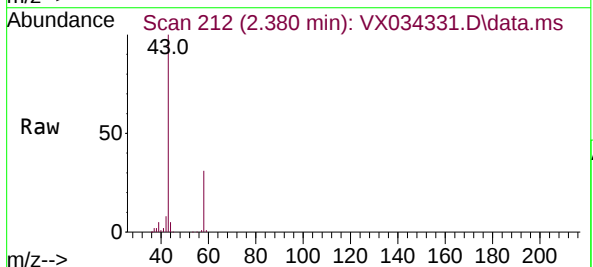
Instrument :  
MSVOA\_X  
ClientSampleId :  
CE-63-030123

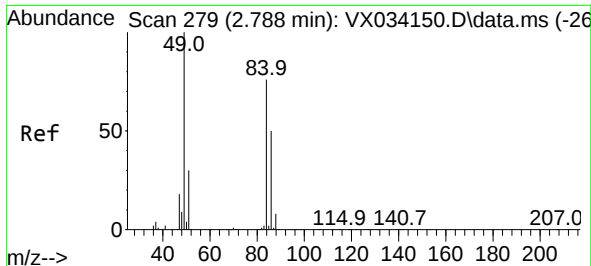
Tgt Ion:168 Resp: 257040  
Ion Ratio Lower Upper  
168 100  
99 53.9 39.6 59.4



#16  
Acetone  
Concen: 30.690 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VX034331.D  
Acq: 03 Mar 2023 18:32

Tgt Ion: 43 Resp: 54804  
Ion Ratio Lower Upper  
43 100  
58 30.9 22.6 33.8

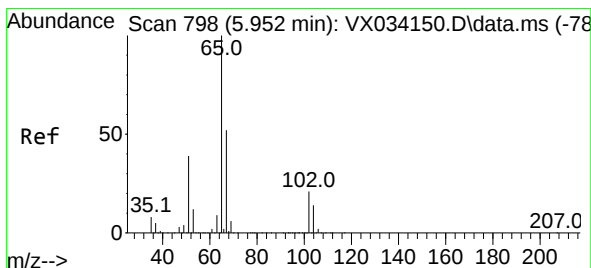
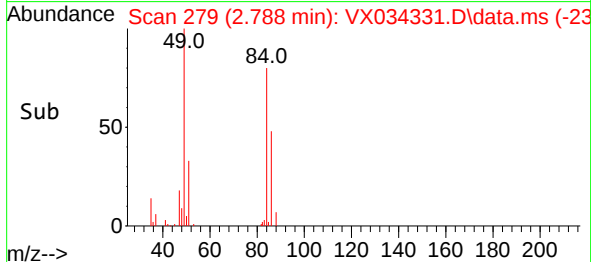
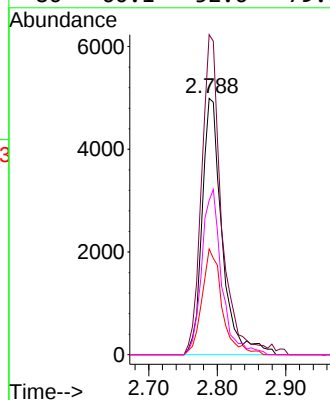
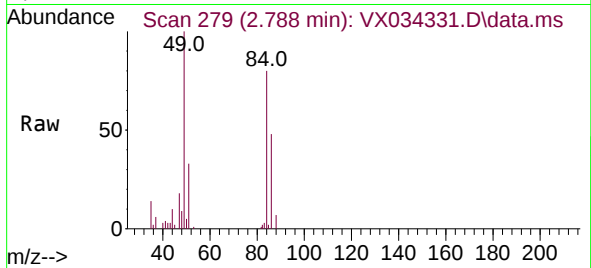




#20  
Methylene Chloride  
Concen: 3.150 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX034331.D  
Acq: 03 Mar 2023 18:32

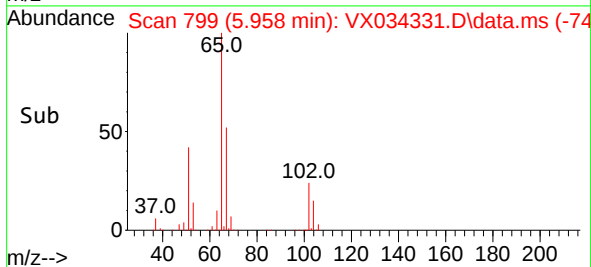
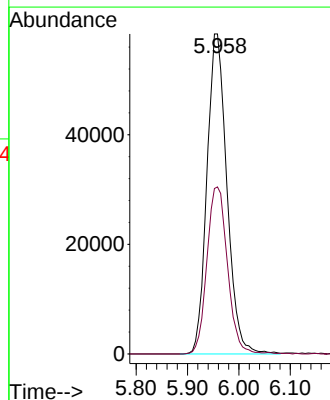
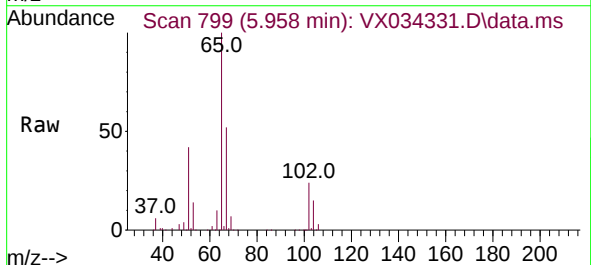
Instrument :  
MSVOA\_X  
ClientSampleId :  
CE-63-030123

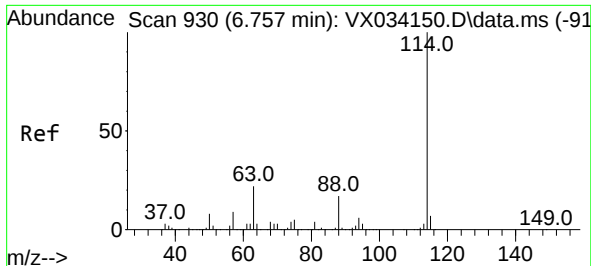
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 10134 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 124.8 | 101.1 | 151.7 |
| 51       | 41.3  | 31.0  | 46.6  |
| 86       | 60.1  | 52.6  | 79.0  |



#33  
1,2-Dichloroethane-d4  
Concen: 45.466 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX034331.D  
Acq: 03 Mar 2023 18:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 157389 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 53.6  | 0.0   | 104.8  |

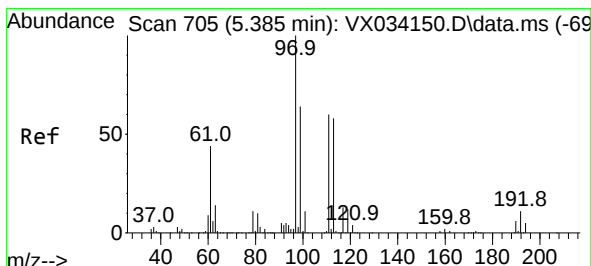
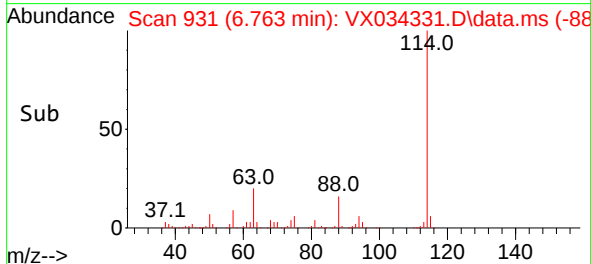
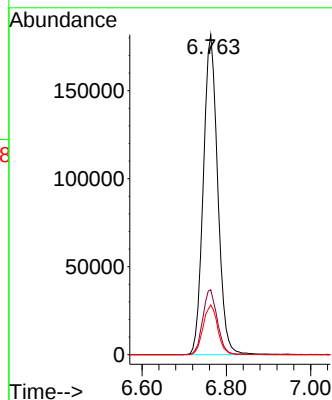
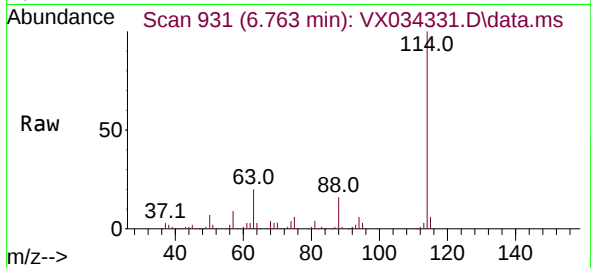




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VX034331.D  
Acq: 03 Mar 2023 18:32

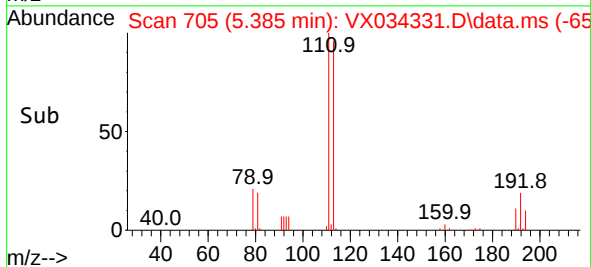
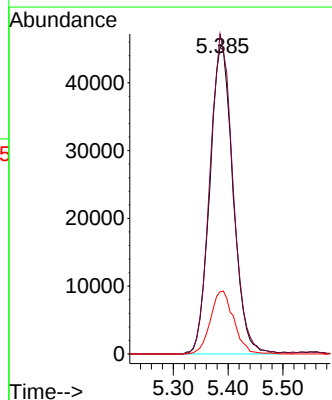
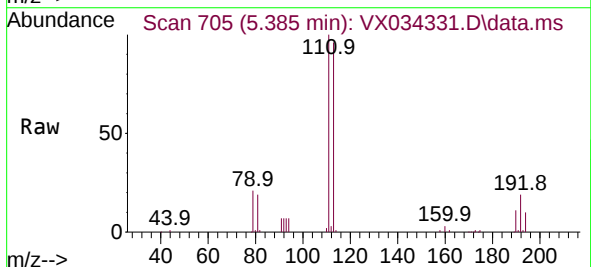
Instrument :  
MSVOA\_X  
ClientSampleId :  
CE-63-030123

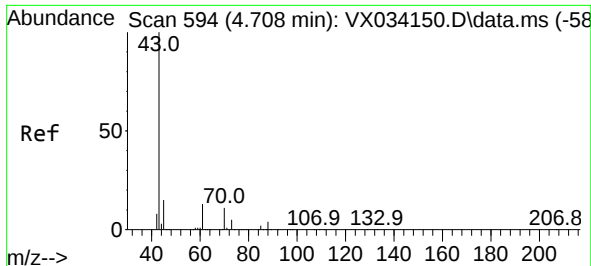
Tgt Ion:114 Resp: 432157  
Ion Ratio Lower Upper  
114 100  
63 20.3 0.0 37.4  
88 15.6 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 47.638 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX034331.D  
Acq: 03 Mar 2023 18:32

Tgt Ion:113 Resp: 134043  
Ion Ratio Lower Upper  
113 100  
111 102.7 83.0 124.6  
192 20.5 19.0 28.4





#37

Ethyl Acetate

Concen: 15.745 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.012 min

Lab File: VX034331.D

Acq: 03 Mar 2023 18:32

Instrument :

MSVOA\_X

ClientSampleId :

CE-63-030123

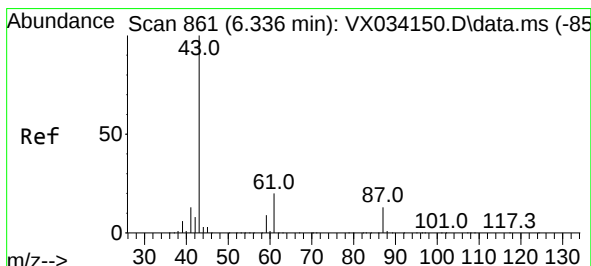
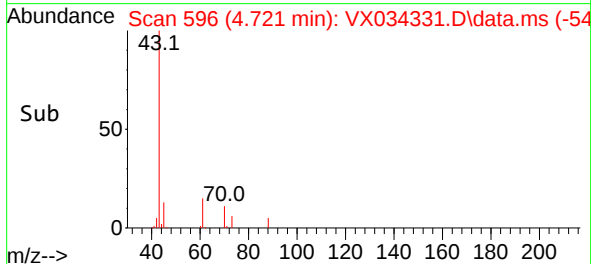
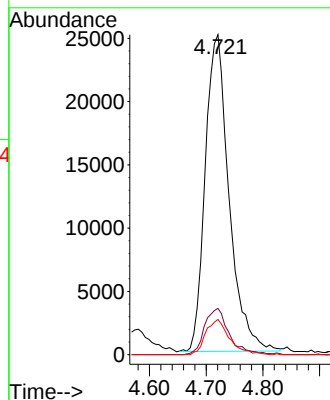
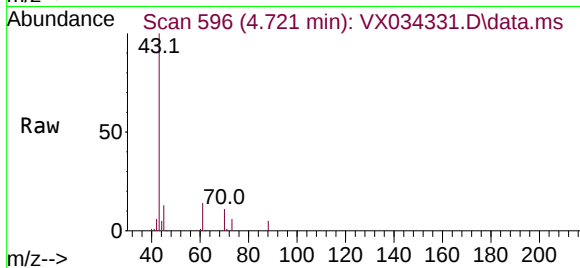
Tgt Ion: 43 Resp: 73226

Ion Ratio Lower Upper

43 100

61 15.0 11.1 16.7

70 11.0 8.5 12.7



#43

Isopropyl Acetate

Concen: 37.100 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX034331.D

Acq: 03 Mar 2023 18:32

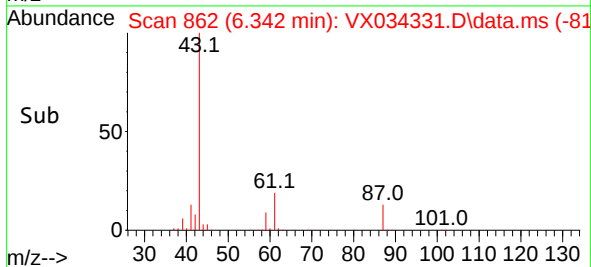
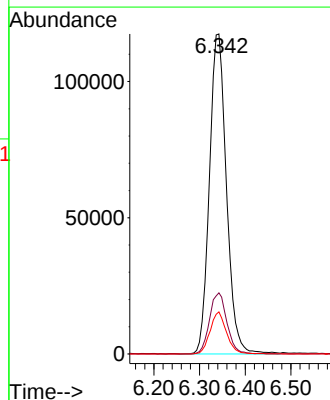
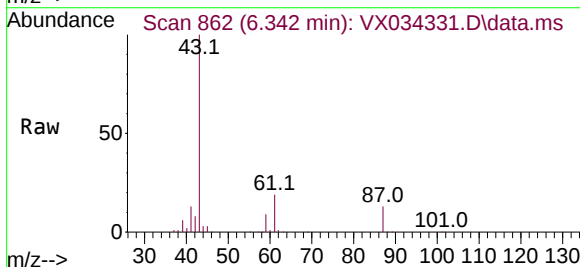
Tgt Ion: 43 Resp: 304474

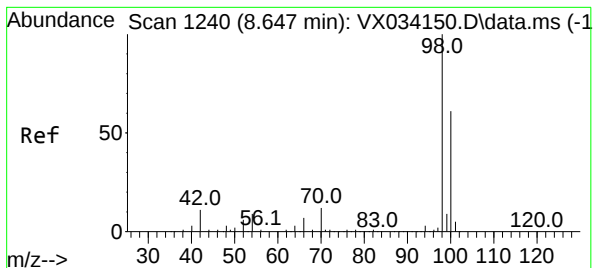
Ion Ratio Lower Upper

43 100

61 19.4 15.7 23.5

87 12.6 10.6 15.8





#50

Toluene-d8

Concen: 52.396 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034331.D

Acq: 03 Mar 2023 18:32

Instrument :

MSVOA\_X

ClientSampleId :

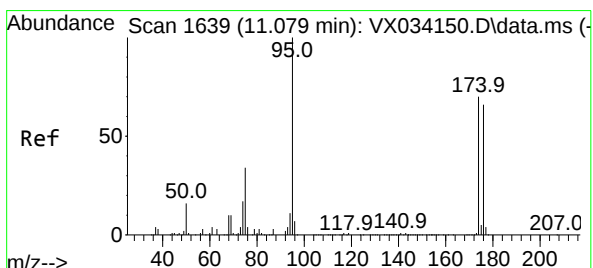
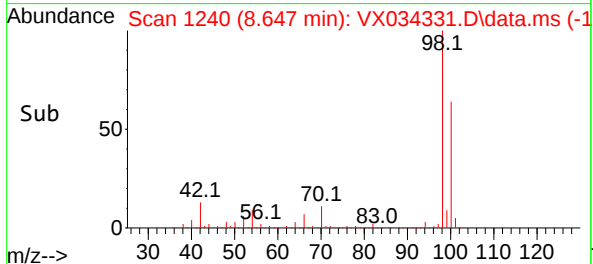
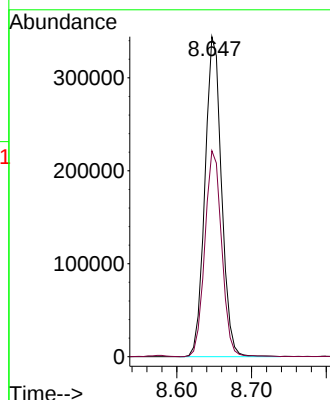
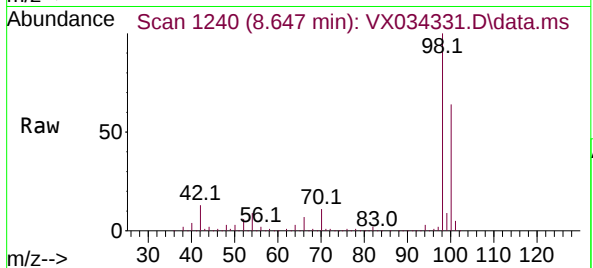
CE-63-030123

Tgt Ion: 98 Resp: 529327

Ion Ratio Lower Upper

98 100

100 65.5 53.6 80.4



#62

4-Bromofluorobenzene

Concen: 48.233 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX034331.D

Acq: 03 Mar 2023 18:32

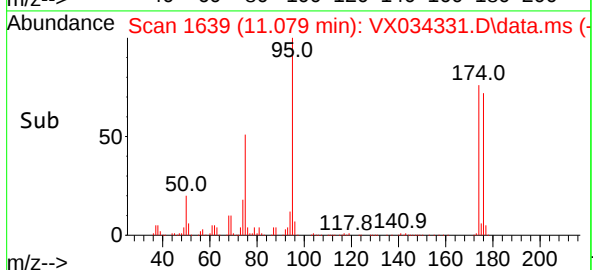
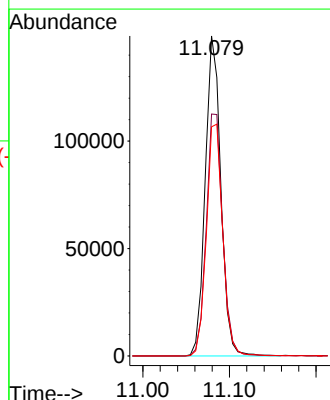
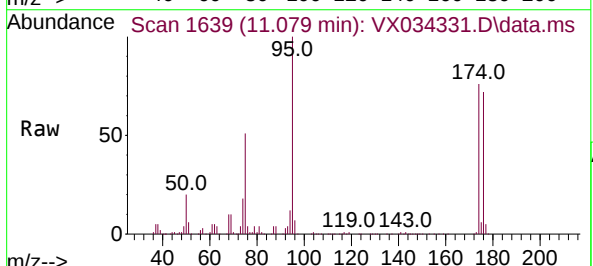
Tgt Ion: 95 Resp: 186384

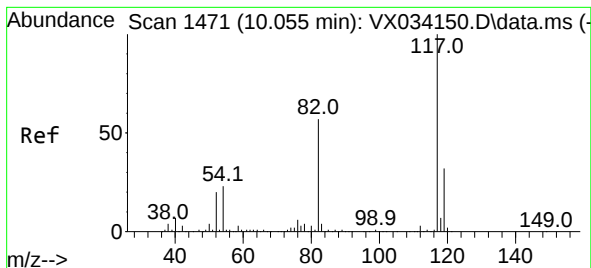
Ion Ratio Lower Upper

95 100

174 79.4 0.0 184.4

176 76.1 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX034331.D

Acq: 03 Mar 2023 18:32

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MSVOA\_X

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CE-63-030123

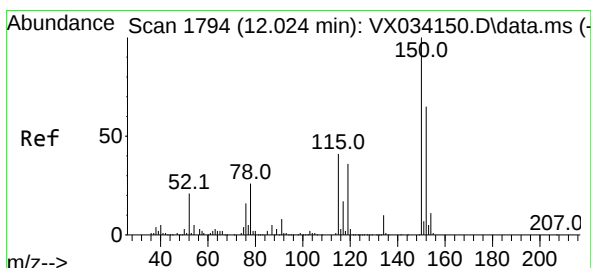
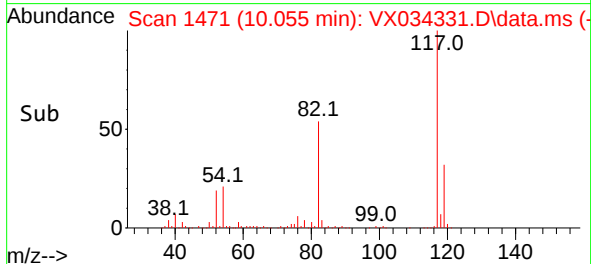
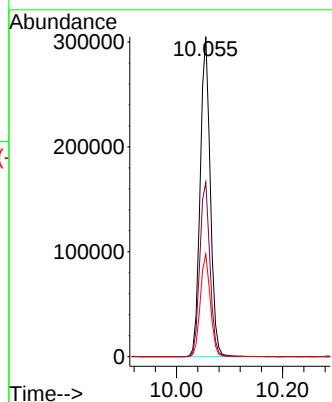
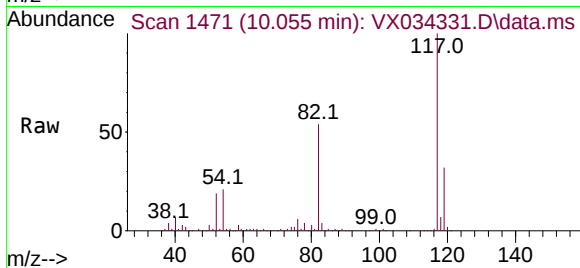
Tgt Ion:117 Resp: 401551

Ion Ratio Lower Upper

117 100

82 54.5 40.6 60.8

119 32.0 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034331.D

Acq: 03 Mar 2023 18:32

Tgt Ion:152 Resp: 176398

Ion Ratio Lower Upper

152 100

115 58.0 38.7 116.1

150 157.8 0.0 348.2

