

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX091422\  
 Data File : VX031346.D  
 Acq On : 15 Sep 2022 08:19  
 Operator : JC/MD  
 Sample : N4579-20  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CHERRY-HILL-COMP-15

Quant Time: Sep 15 11:13:20 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091422W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 15 01:50:07 2022  
 Response via : Initial Calibration

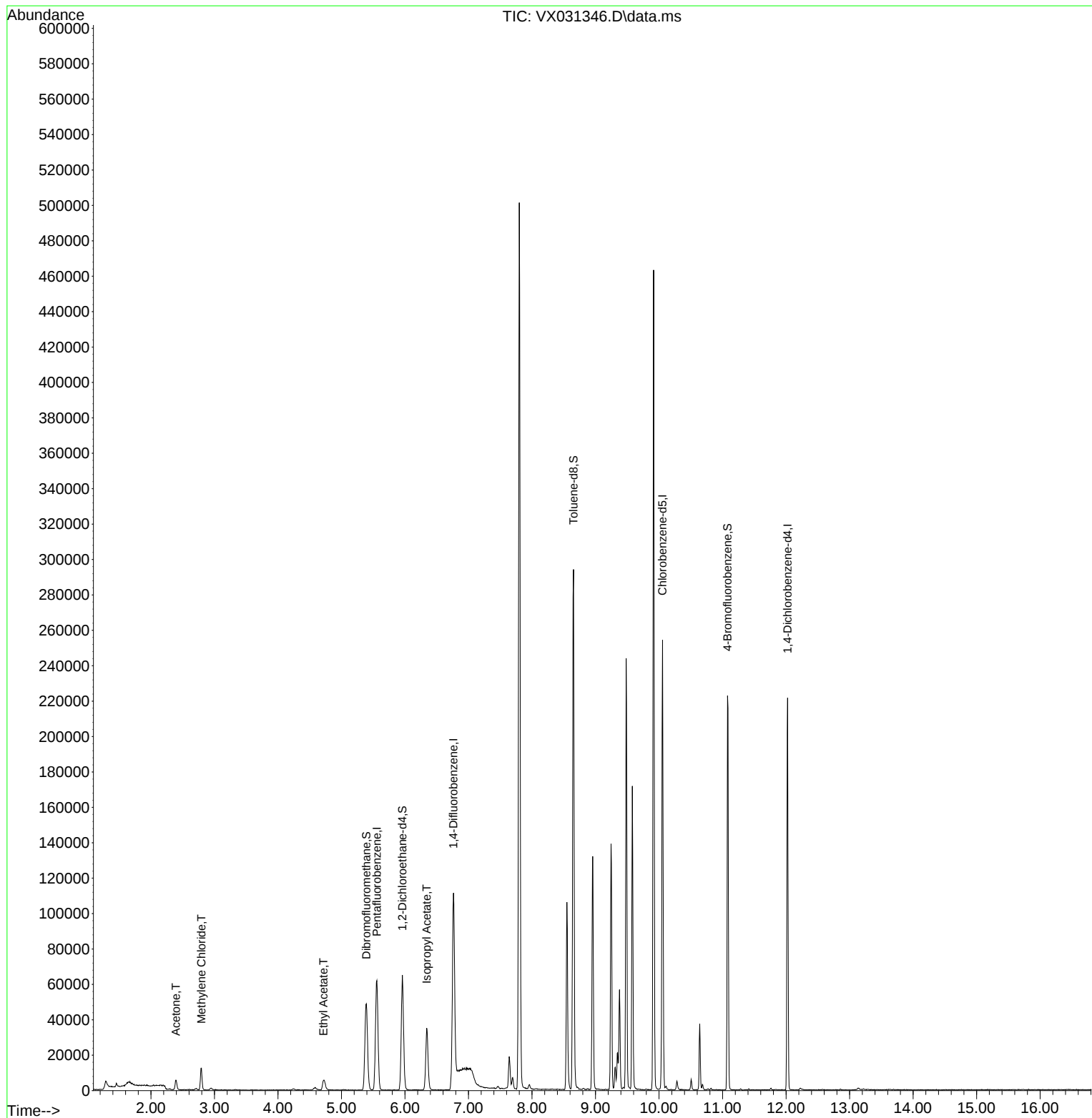
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 54191    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 99644    | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 95983    | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 39949    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 57727    | 43.399   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 86.800%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 41590    | 38.829   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 77.660%  |
| 50) Toluene-d8              | 8.653  | 98    | 164508   | 40.944   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 81.880%# |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 55024    | 37.398   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 74.800%# |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.392  | 43    | 7319     | 12.889   | ug/l   | 98       |
| 20) Methylene Chloride      | 2.794  | 84    | 5121     | 3.531    | ug/l   | 94       |
| 37) Ethyl Acetate           | 4.715  | 43    | 11459    | 5.948    | ug/l   | 94       |
| 43) Isopropyl Acetate       | 6.342  | 43    | 49090    | 14.927   | ug/l   | 96       |
| -----                       |        |       |          |          |        |          |

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

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CHERRY-HILL-COMP-15

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091422W.M  
Quant Title : SW846 8260  
QLast Update : Thu Sep 15 01:50:07 2022  
Response via : Initial Calibration

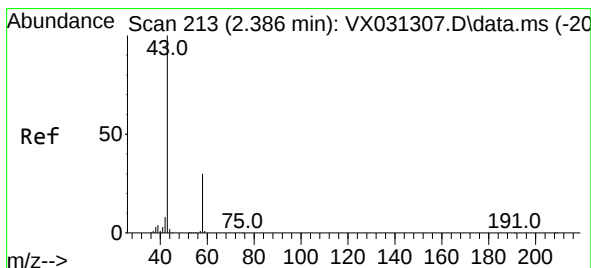
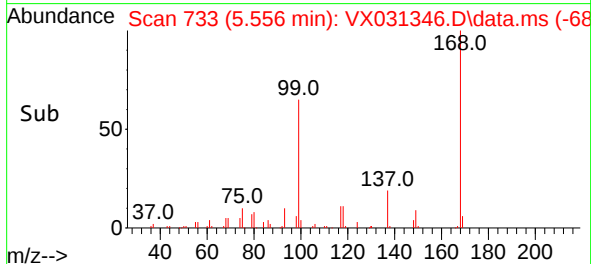
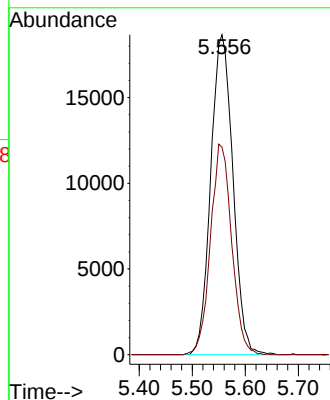
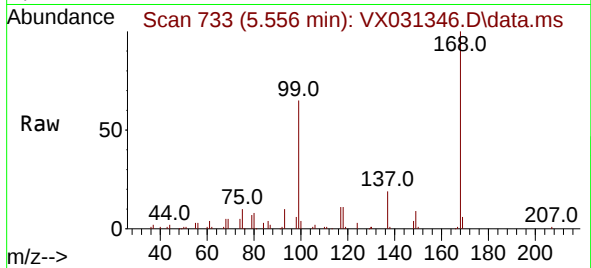




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX031346.D  
Acq: 15 Sep 2022 08:19

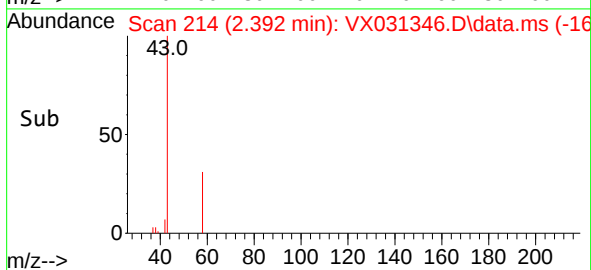
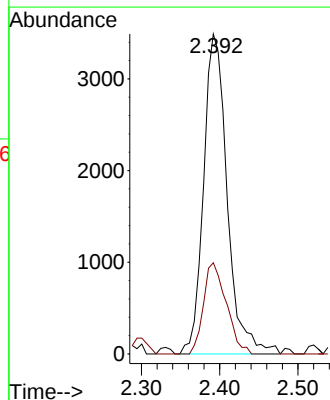
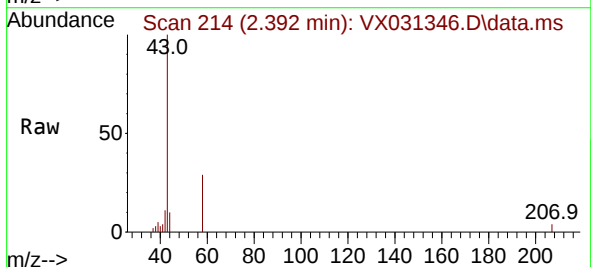
Instrument :  
MSVOA\_X  
ClientSampleId :  
CHERRY-HILL-COMP-15

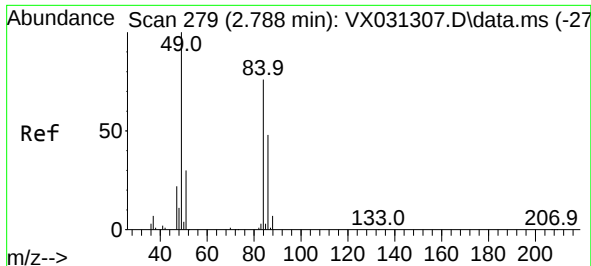
Tgt Ion:168 Resp: 54191  
Ion Ratio Lower Upper  
168 100  
99 64.9 48.8 73.2



#16  
Acetone  
Concen: 12.889 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.006 min  
Lab File: VX031346.D  
Acq: 15 Sep 2022 08:19

Tgt Ion: 43 Resp: 7319  
Ion Ratio Lower Upper  
43 100  
58 28.5 23.8 35.8

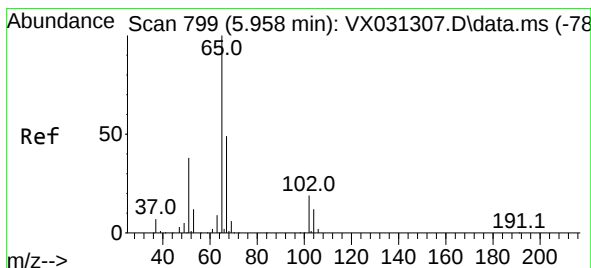
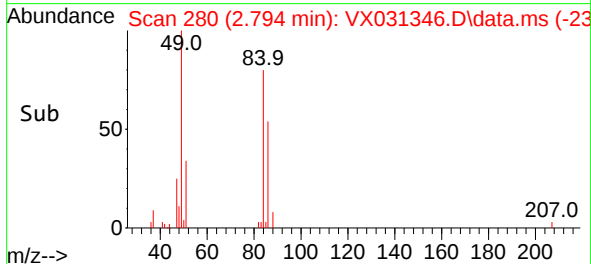
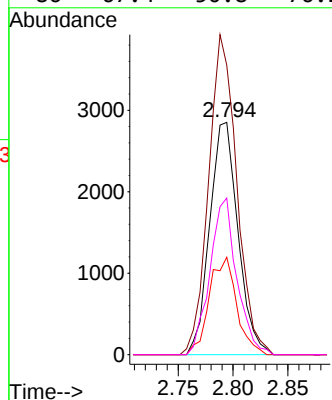
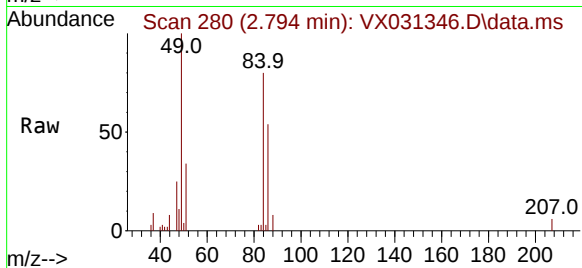




#20  
Methylene Chloride  
Concen: 3.531 ug/l  
RT: 2.794 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX031346.D  
Acq: 15 Sep 2022 08:19

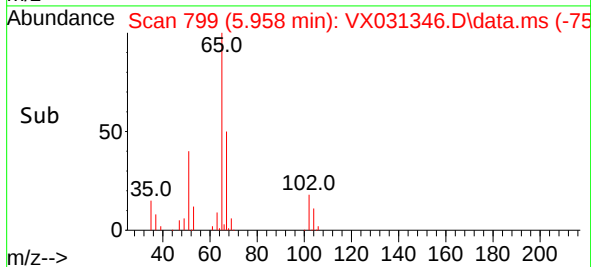
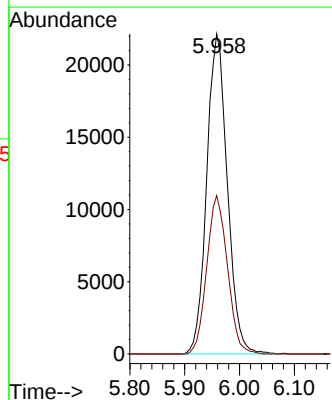
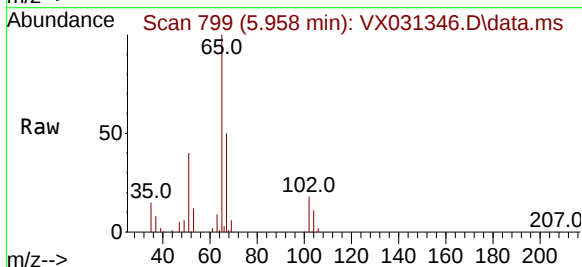
Instrument :  
MSVOA\_X  
ClientSampleId :  
CHERRY-HILL-COMP-15

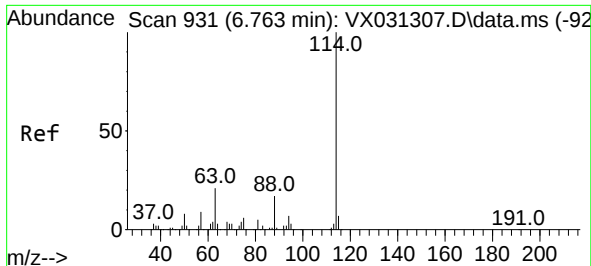
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 5121  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 124.5 | 105.9 | 158.9 |
| 51       | 42.0  | 32.2  | 48.2  |
| 86       | 67.4  | 50.8  | 76.2  |



#33  
1,2-Dichloroethane-d4  
Concen: 43.399 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX031346.D  
Acq: 15 Sep 2022 08:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 65    | Resp: | 57727 |
| Ion      | Ratio | Lower | Upper |
| 65       | 100   |       |       |
| 67       | 49.7  | 0.0   | 102.4 |

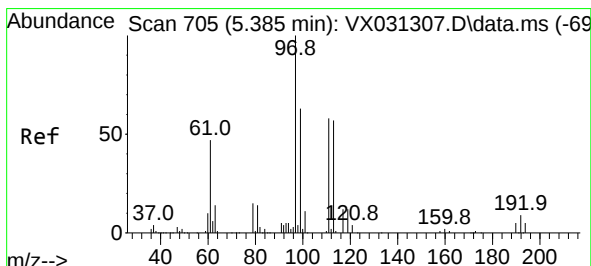
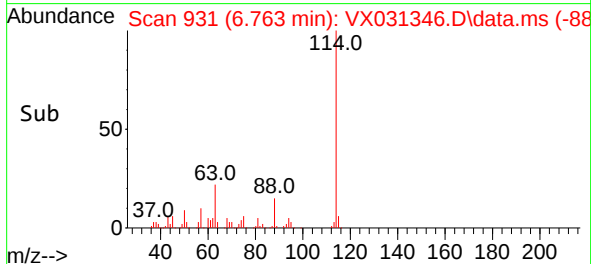
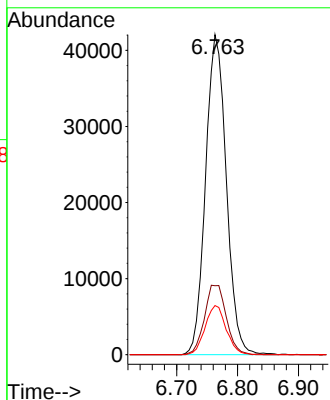
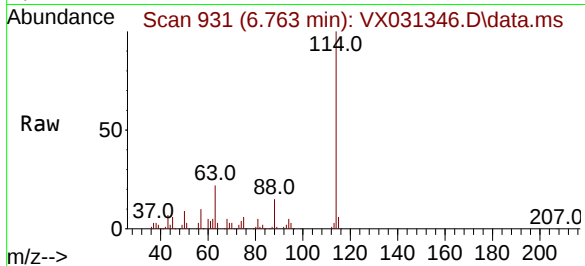




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX031346.D  
Acq: 15 Sep 2022 08:19

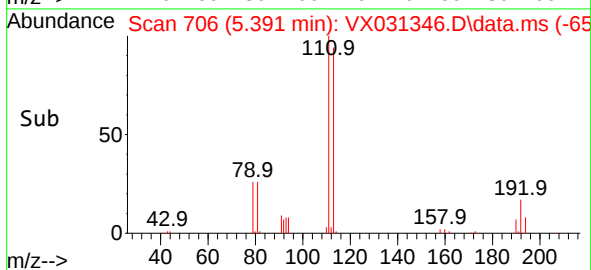
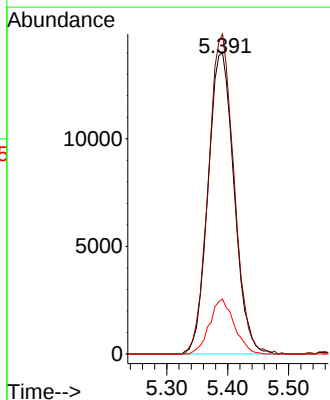
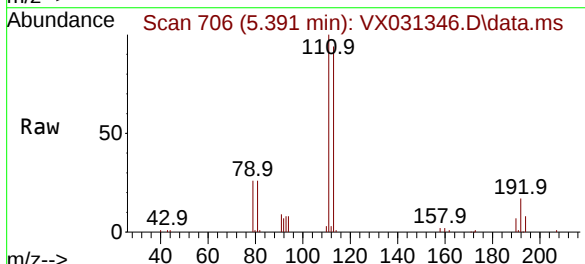
Instrument :  
MSVOA\_X  
ClientSampleId :  
CHERRY-HILL-COMP-15

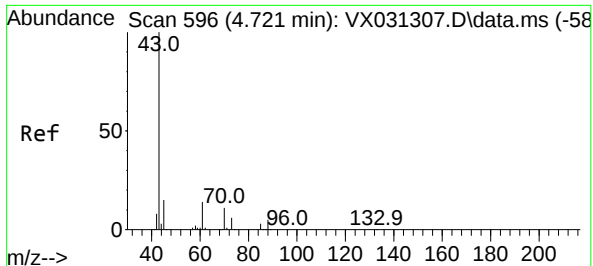
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 21.5  | 0.0   | 42.6  |
| 88      | 15.3  | 0.0   | 33.0  |



#35  
Dibromofluoromethane  
Concen: 38.829 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX031346.D  
Acq: 15 Sep 2022 08:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 104.4 | 82.4  | 123.6 |
| 192     | 17.2  | 14.1  | 21.1  |





#37

Ethyl Acetate

Concen: 5.948 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.006 min

Lab File: VX031346.D

Acq: 15 Sep 2022 08:19

Instrument :

MSVOA\_X

ClientSampleId :

CHERRY-HILL-COMP-15

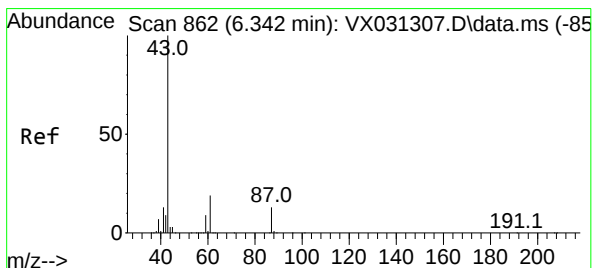
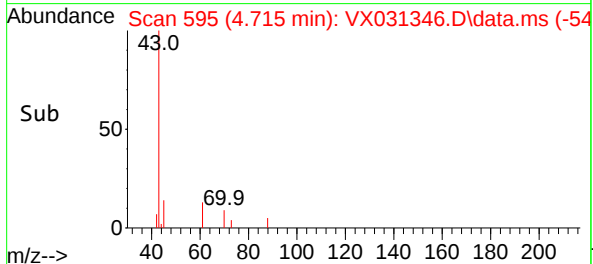
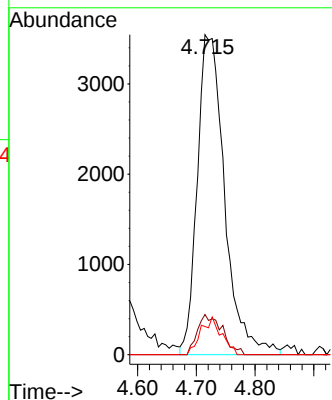
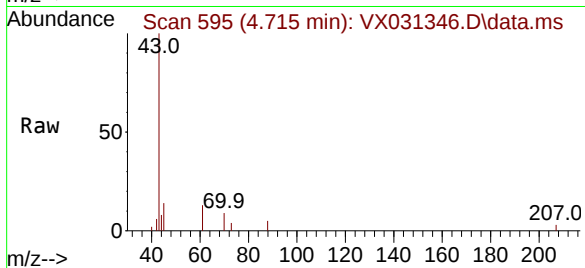
Tgt Ion: 43 Resp: 11459

Ion Ratio Lower Upper

43 100

61 11.4 11.1 16.7

70 8.9 8.6 13.0



#43

Isopropyl Acetate

Concen: 14.927 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX031346.D

Acq: 15 Sep 2022 08:19

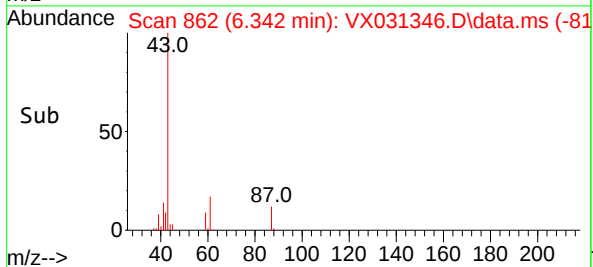
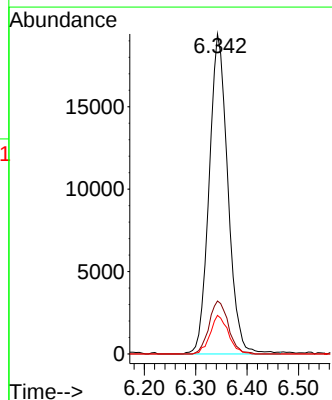
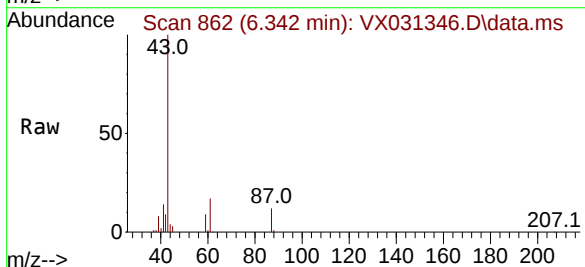
Tgt Ion: 43 Resp: 49090

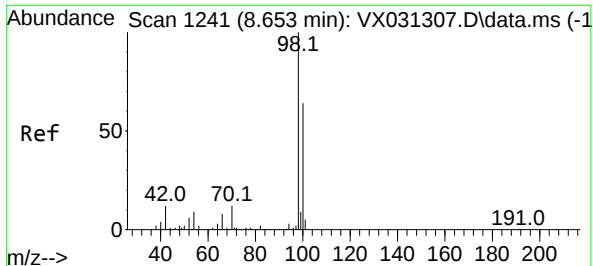
Ion Ratio Lower Upper

43 100

61 17.0 15.3 22.9

87 11.7 10.6 15.8

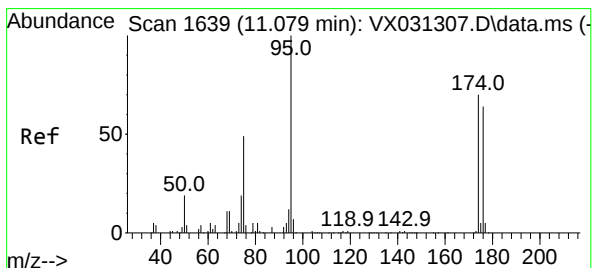
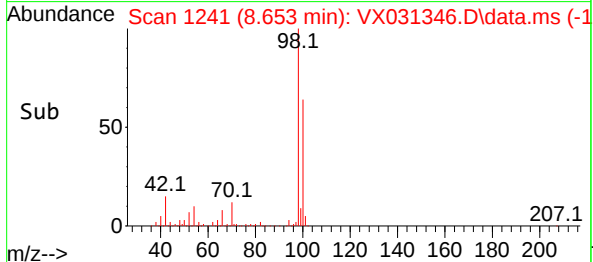
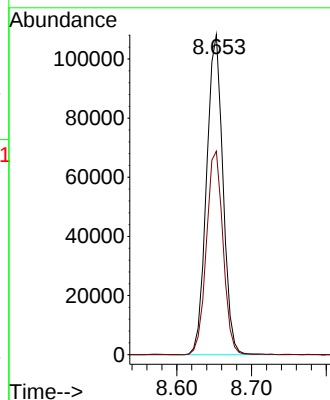
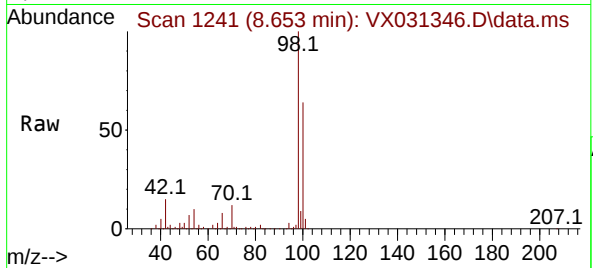




#50  
Toluene-d8  
Concen: 40.944 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX031346.D  
Acq: 15 Sep 2022 08:19

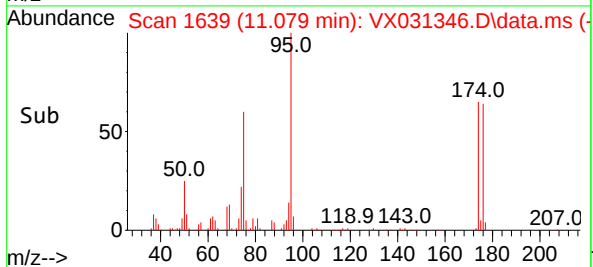
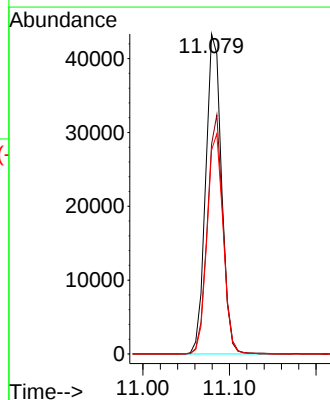
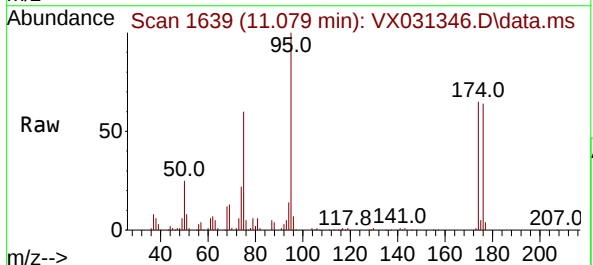
Instrument :  
MSVOA\_X  
ClientSampleId :  
CHERRY-HILL-COMP-15

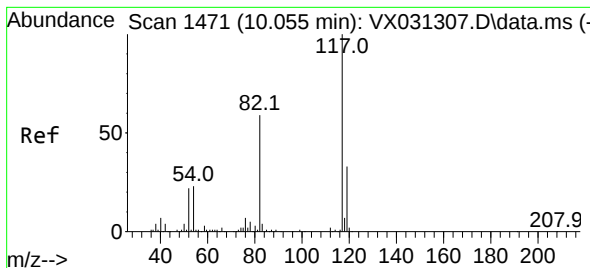
Tgt Ion: 98 Resp: 164508  
Ion Ratio Lower Upper  
98 100  
100 64.6 52.5 78.7



#62  
4-Bromofluorobenzene  
Concen: 37.398 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX031346.D  
Acq: 15 Sep 2022 08:19

Tgt Ion: 95 Resp: 55024  
Ion Ratio Lower Upper  
95 100  
174 73.8 0.0 153.2  
176 69.9 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: VX031346.D

Acq: 15 Sep 2022 08:19

Instrument :

MSVOA\_X

ClientSampleId :

CHERRY-HILL-COMP-15

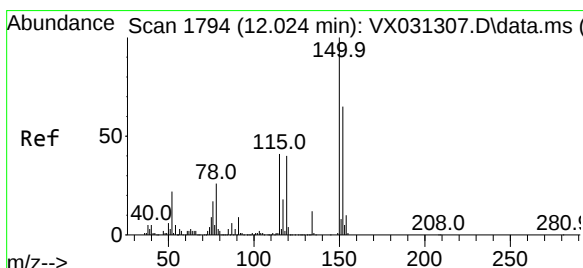
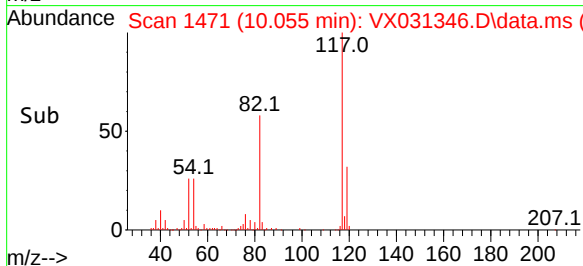
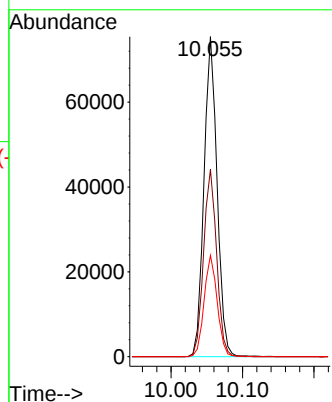
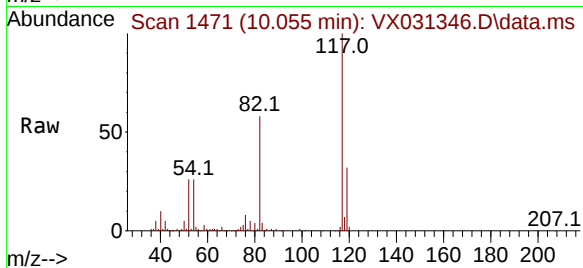
Tgt Ion:117 Resp: 95983

Ion Ratio Lower Upper

117 100

82 58.5 46.8 70.2

119 31.7 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX031346.D

Acq: 15 Sep 2022 08:19

Tgt Ion:152 Resp: 39949

Ion Ratio Lower Upper

152 100

115 60.9 43.4 130.1

150 157.6 0.0 346.8

