

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW101521\  
 Data File : VW022843.D  
 Acq On : 15 Oct 2021 17:53  
 Operator : SY/MD  
 Sample : M4214-06  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Oct 16 05:29:43 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100721WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Oct 16 05:27:41 2021  
 Response via : Initial Calibration

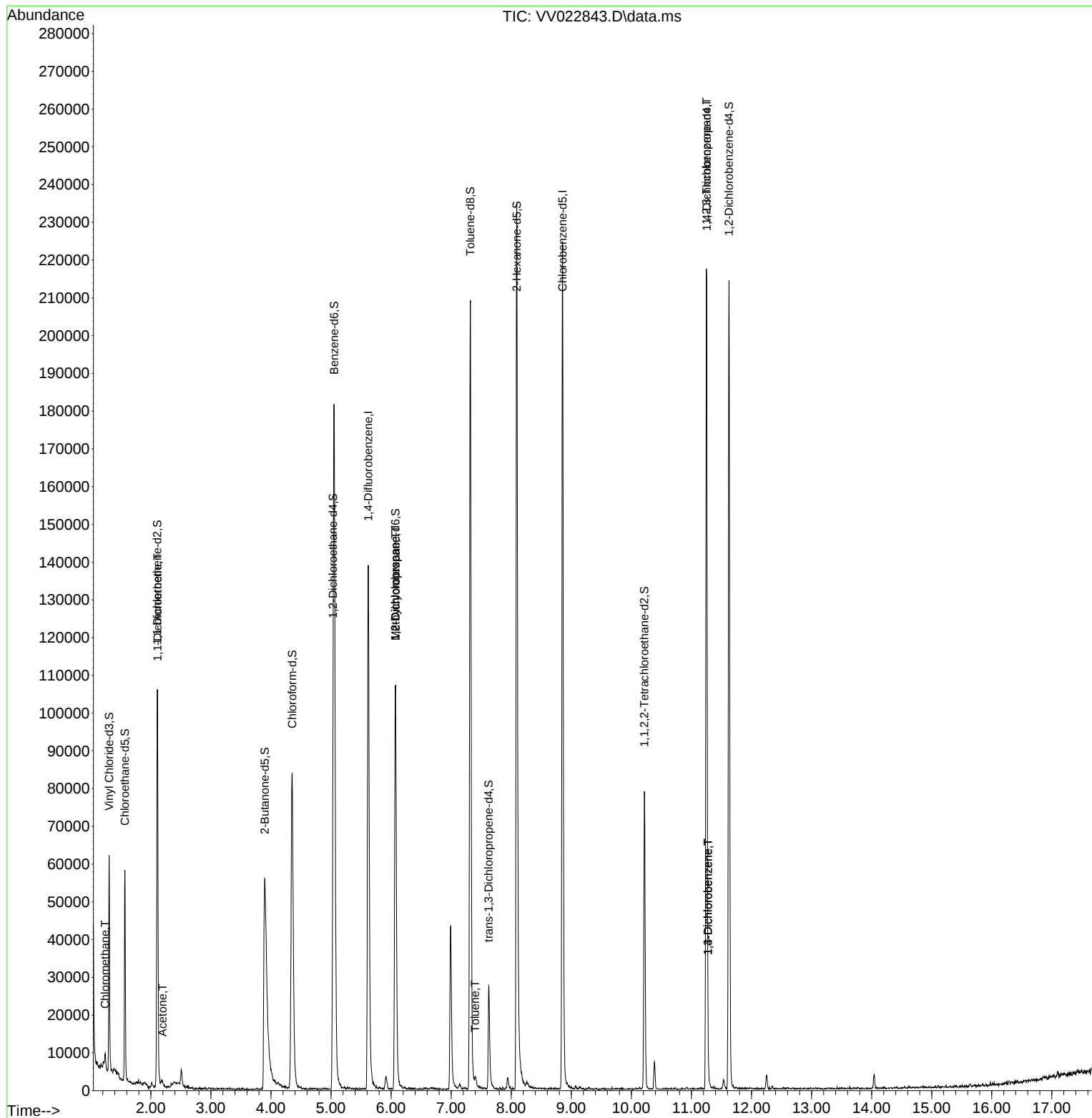
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114            | 124375   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.853  | 117            | 125832   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252 | 152            | 59447    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65             | 35999    | 4.207  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 84.200%  |          |
| 7) Chloroethane-d5            | 1.568  | 69             | 33543    | 4.362  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 87.200%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63             | 53578    | 3.192  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 63.800%  |          |
| 20) 2-Butanone-d5             | 3.895  | 46             | 102783   | 45.809 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 91.620%  |          |
| 24) Chloroform-d              | 4.352  | 84             | 87898    | 4.984  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 99.600%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65             | 40209    | 4.698  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 94.000%  |          |
| 32) Benzene-d6                | 5.053  | 84             | 166594   | 4.447  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 89.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67             | 53234    | 4.799  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 96.000%  |          |
| 41) Toluene-d8                | 7.320  | 98             | 141129   | 4.358  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 87.200%  |          |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 16894    | 4.591  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 91.800%  |          |
| 46) 2-Hexanone-d5             | 8.091  | 63             | 80490    | 54.274 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 108.540% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84             | 37569    | 4.999  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 100.000% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152            | 56100    | 5.090  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 101.800% |          |
| Target Compounds              |        |                |          |        |          |          |
| 3) Chloromethane              | 1.240  | 50             | 1932     | 0.212  | ug/L     | 95       |
| 12) 1,1-Dichloroethene        | 2.111  | 96             | 577      | 0.077  | ug/L #   | 1        |
| 13) Acetone                   | 2.195  | 43             | 2130     | 1.702  | ug/L #   | 42       |
| 35) Methylcyclohexane         | 6.072  | 83             | 12860    | 0.996  | ug/L #   | 16       |
| 37) 1,2-Dichloropropane       | 6.072  | 63             | 5805     | 0.712  | ug/L #   | 86       |
| 42) Toluene                   | 7.397  | 91             | 2545     | 0.074  | ug/L     | 83       |
| 61) 1,2,3-Trichloropropane    | 11.249 | 75             | 6534     | 1.582  | ug/L #   | 63       |
| 64) 1,3-Dichlorobenzene       | 11.275 | 146            | 1470     | 0.093  | ug/L     | 89       |
| 65) 1,4-Dichlorobenzene       | 11.275 | 146            | 1470     | 0.091  | ug/L #   | 87       |

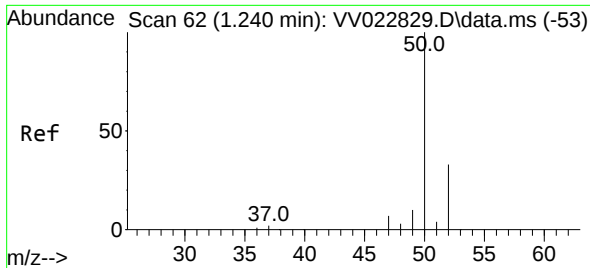
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 16 05:29:43 2021  
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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sat Oct 16 05:27:41 2021  
Response via : Initial Calibration

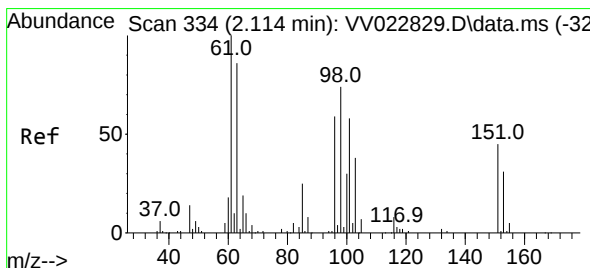
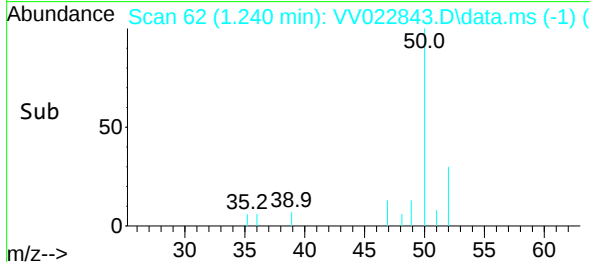
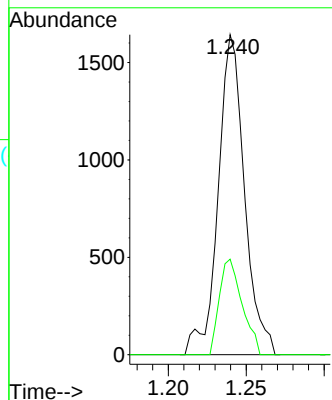
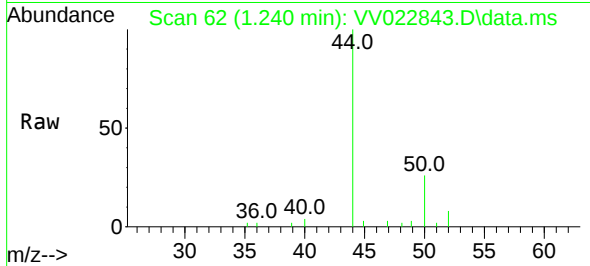




#3  
Chloromethane  
Concen: 0.212 ug/L  
RT: 1.240 min Scan# 62  
Delta R.T. -0.000 min  
Lab File: VV022843.D  
Acq: 15 Oct 2021 17:53

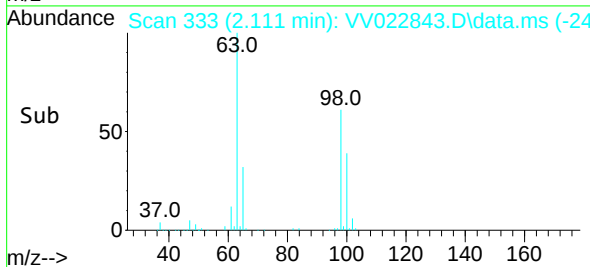
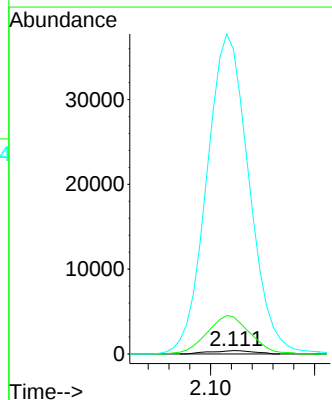
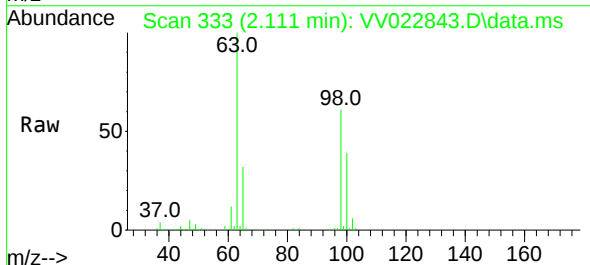
Instrument :  
MSVOA\_V  
ClientSampled :

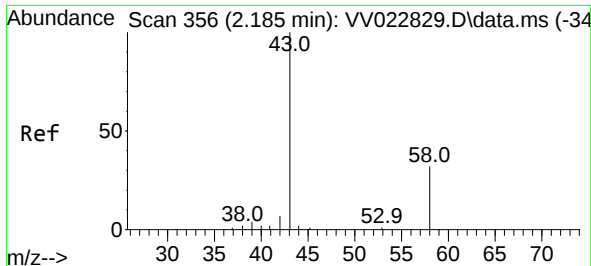
Tgt Ion: 50 Resp: 1932  
Ion Ratio Lower Upper  
50 100  
52 29.9 22.9 42.5



#12  
1,1-Dichloroethene  
Concen: 0.077 ug/L  
RT: 2.111 min Scan# 333  
Delta R.T. -0.003 min  
Lab File: VV022843.D  
Acq: 15 Oct 2021 17:53

Tgt Ion: 96 Resp: 577  
Ion Ratio Lower Upper  
96 100  
61 1098.5 127.3 236.5#  
63 9023.1 106.2 197.2#

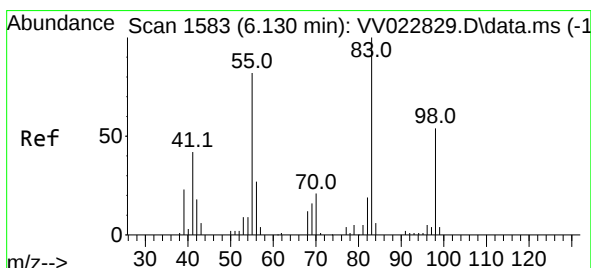
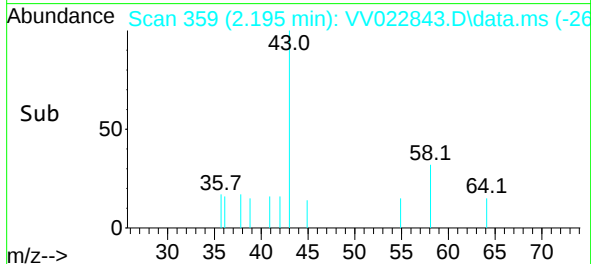
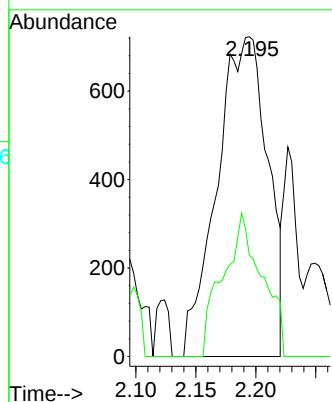
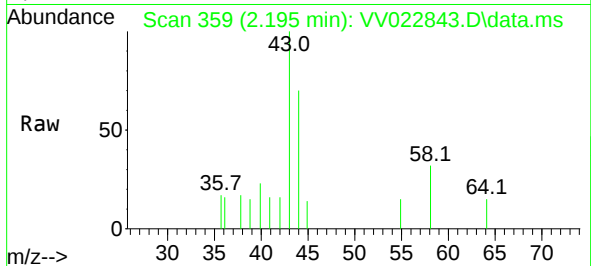




#13  
Acetone  
Concen: 1.702 ug/L  
RT: 2.195 min Scan# 359  
Delta R.T. 0.010 min  
Lab File: VV022843.D  
Acq: 15 Oct 2021 17:53

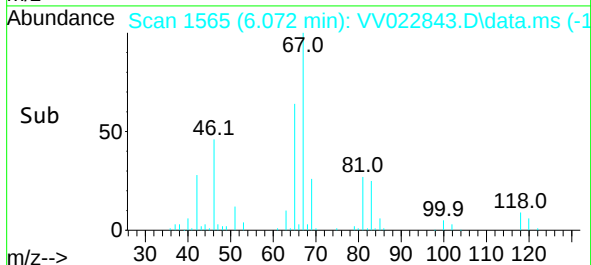
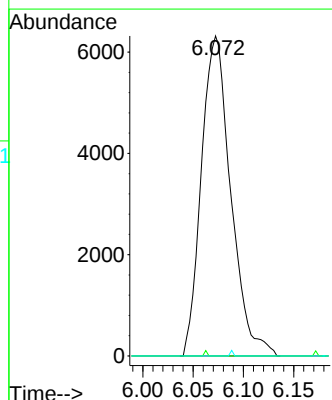
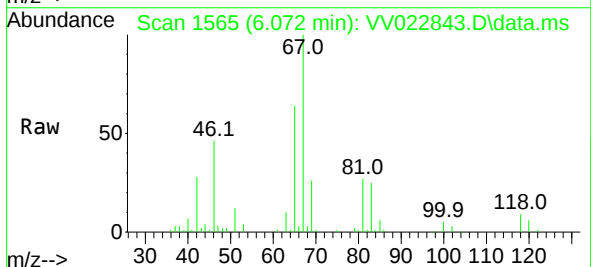
Instrument :  
MSVOA\_V  
ClientSampled :

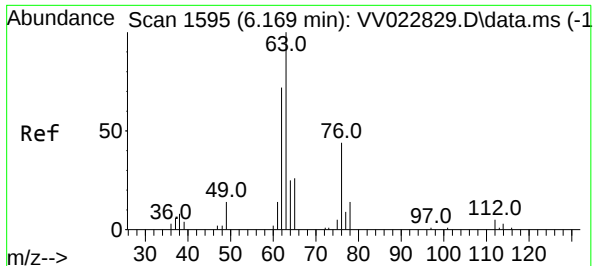
Tgt Ion: 43 Resp: 2130  
Ion Ratio Lower Upper  
43 100  
58 34.6 0.0 24.2#



#35  
Methylcyclohexane  
Concen: 0.996 ug/L  
RT: 6.072 min Scan# 1565  
Delta R.T. -0.058 min  
Lab File: VV022843.D  
Acq: 15 Oct 2021 17:53

Tgt Ion: 83 Resp: 12860  
Ion Ratio Lower Upper  
83 100  
55 0.2 63.8 95.6#  
98 0.2 42.1 63.1#



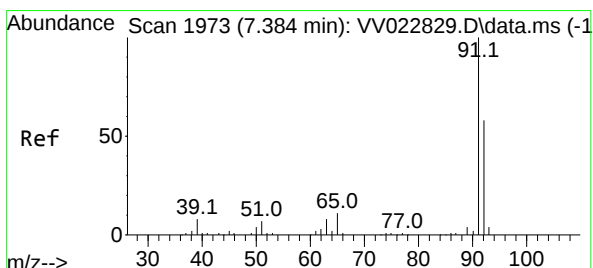
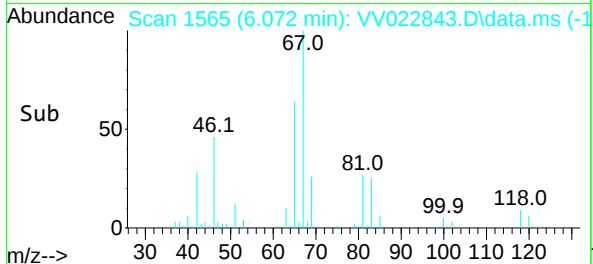
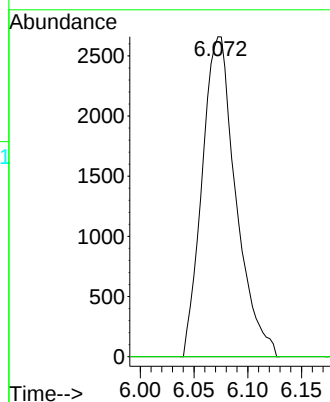
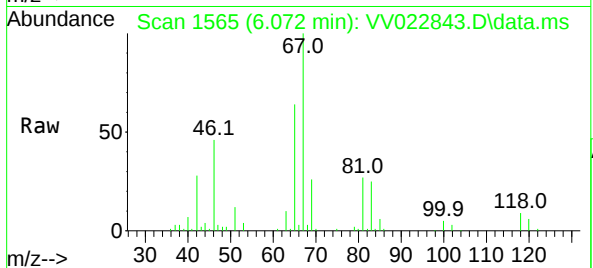


#37

1,2-Dichloropropane  
Concen: 0.712 ug/L  
RT: 6.072 min Scan# 1565  
Delta R.T. -0.097 min  
Lab File: VV022843.D  
Acq: 15 Oct 2021 17:53

Instrument :  
MSVOA\_V  
ClientSampled :

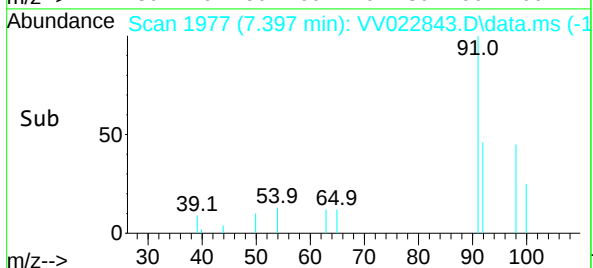
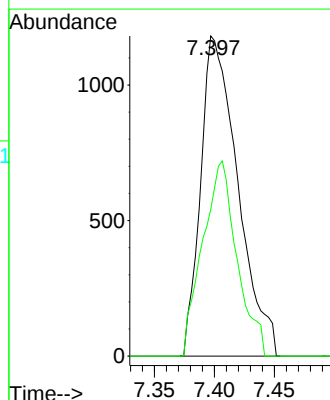
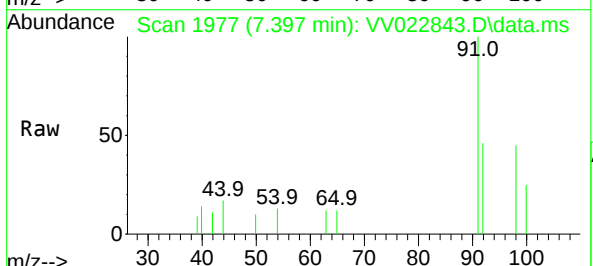
Tgt Ion: 63 Resp: 5805  
Ion Ratio Lower Upper  
63 100  
112 0.7 4.4 6.6#

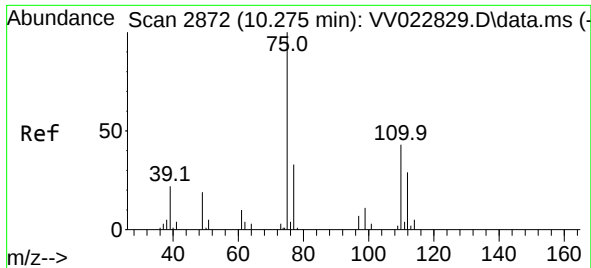


#42

Toluene  
Concen: 0.074 ug/L  
RT: 7.397 min Scan# 1977  
Delta R.T. 0.013 min  
Lab File: VV022843.D  
Acq: 15 Oct 2021 17:53

Tgt Ion: 91 Resp: 2545  
Ion Ratio Lower Upper  
91 100  
92 45.9 40.7 75.7

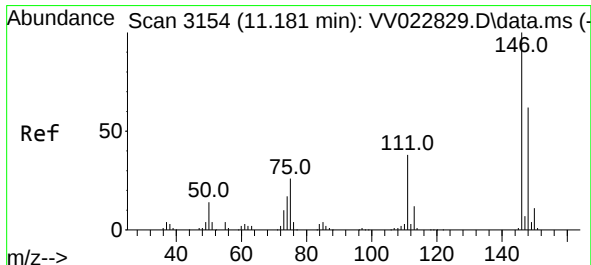
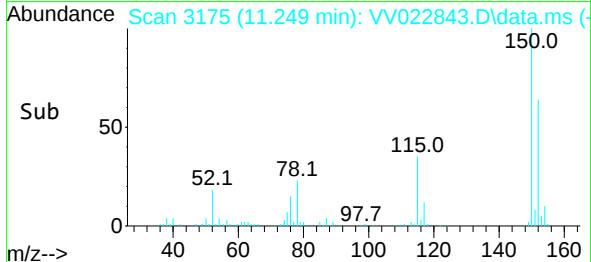
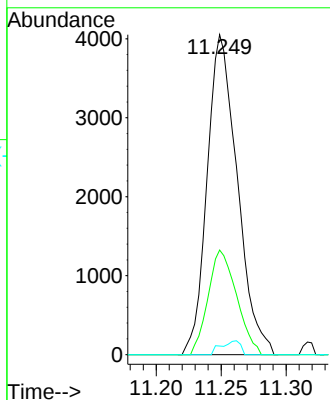
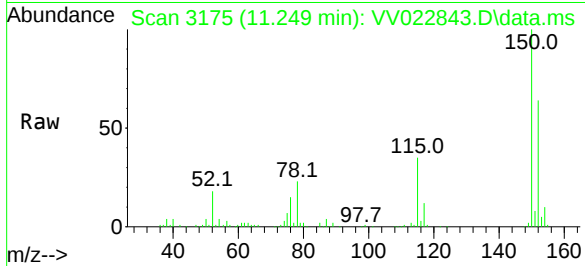




#61  
1,2,3-Trichloropropane  
Concen: 1.582 ug/L  
RT: 11.249 min Scan# 3175  
Delta R.T. 0.974 min  
Lab File: VV022843.D  
Acq: 15 Oct 2021 17:53

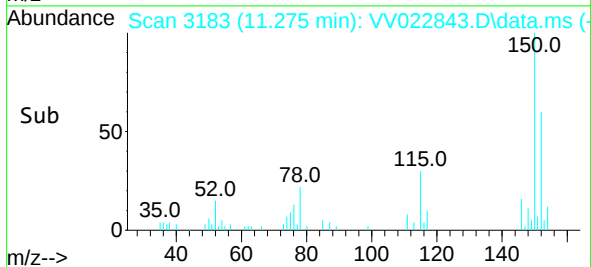
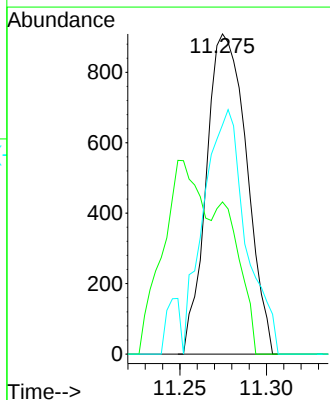
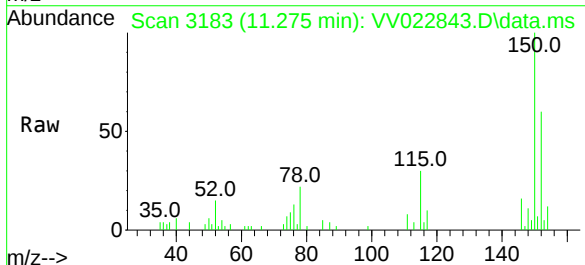
Instrument :  
MSVOA\_V  
ClientSampled :

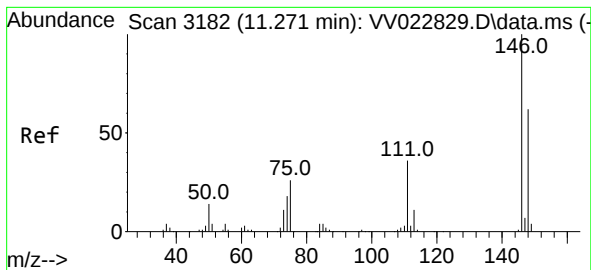
Tgt Ion: 75 Resp: 6534  
Ion Ratio Lower Upper  
75 100  
77 30.9 25.4 38.2  
110 2.8 34.2 51.4#



#64  
1,3-Dichlorobenzene  
Concen: 0.093 ug/L  
RT: 11.275 min Scan# 3183  
Delta R.T. 0.093 min  
Lab File: VV022843.D  
Acq: 15 Oct 2021 17:53

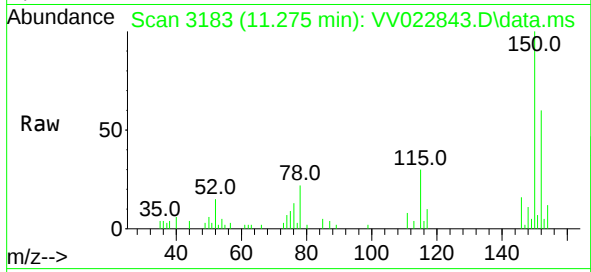
Tgt Ion:146 Resp: 1470  
Ion Ratio Lower Upper  
146 100  
111 47.5 26.7 49.5  
148 71.6 45.1 83.9





#65  
 1,4-Dichlorobenzene  
 Concen: 0.091 ug/L  
 RT: 11.275 min Scan# 3183  
 Delta R.T. 0.003 min  
 Lab File: VV022843.D  
 Acq: 15 Oct 2021 17:53

Instrument :  
 MSVOA\_V  
 ClientSampleId :



Tgt Ion:146 Resp: 1470  
 Ion Ratio Lower Upper  
 146 100  
 111 47.5 25.6 47.4#  
 148 71.6 44.9 83.5

