

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV060221\  
 Data File : VV021471.D  
 Acq On : 02 Jun 2021 11:09  
 Operator : SY/MD  
 Sample : M2568-06DL 2000X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

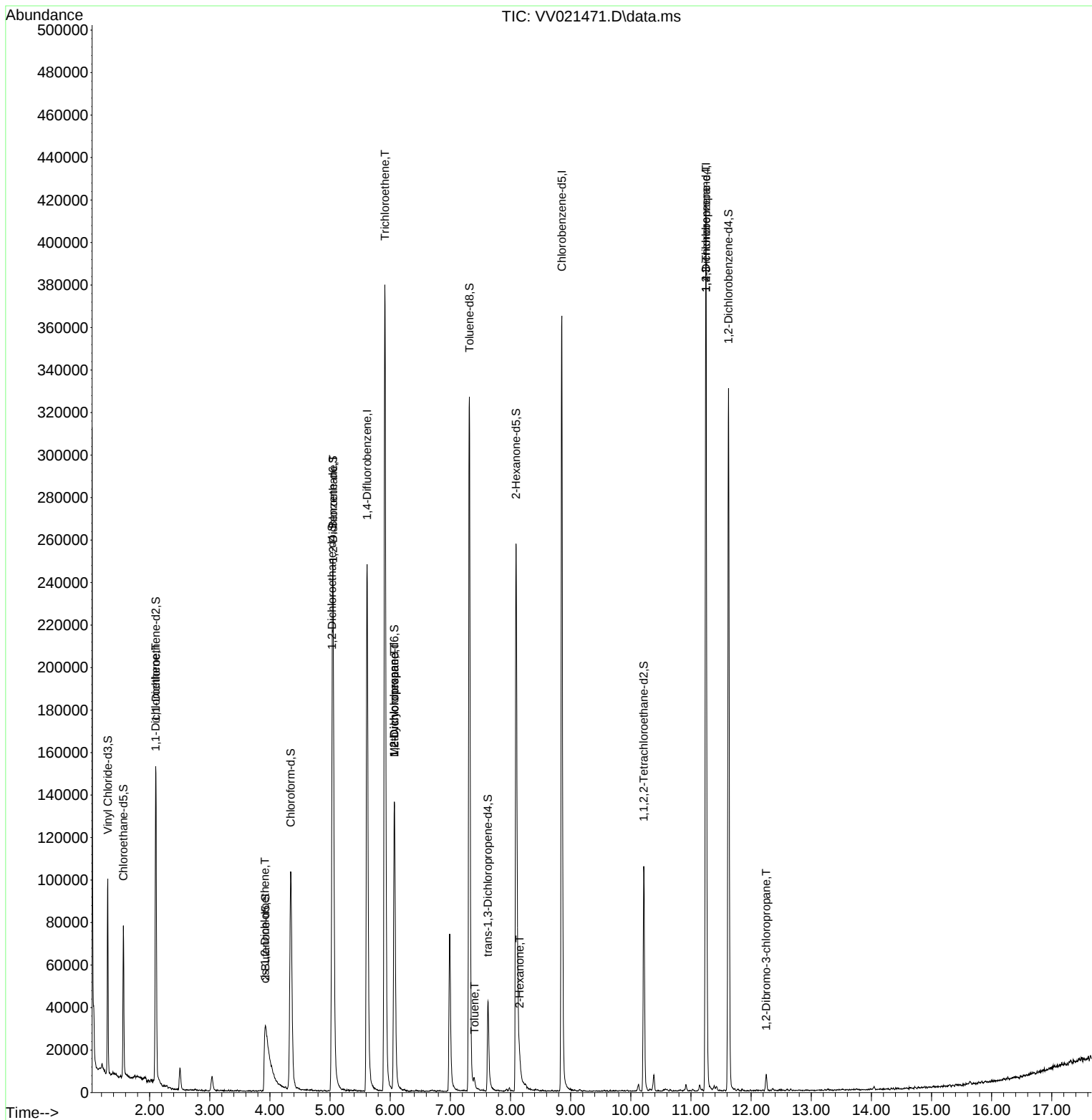
Instrument :  
 MSVOA\_V  
 ClientSampleId :

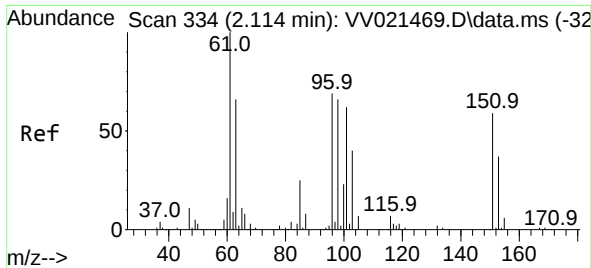
Quant Time: Jun 03 02:16:15 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR052521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Jun 03 02:14:36 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.616  | 114   | 233563   | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117   | 219877   | 5.00     | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 121805   | 5.00     | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 55331    | 5.60     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 112.00%  |
| 7) Chloroethane-d5            | 1.564  | 69    | 45451    | 4.82     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 96.40%   |
| 11) 1,1-Dichloroethene-d2     | 2.101  | 63    | 74940    | 4.00     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 80.00%   |
| 20) 2-Butanone-d5             | 3.928  | 46    | 120449   | 33.91    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 67.82%   |
| 24) Chloroform-d              | 4.346  | 84    | 113261   | 4.13     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 82.60%   |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65    | 52815    | 4.19     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 83.80%   |
| 32) Benzene-d6                | 5.050  | 84    | 240143   | 4.54     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 90.80%   |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67    | 71931    | 4.19     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 83.80%   |
| 41) Toluene-d8                | 7.317  | 98    | 230027   | 4.74     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 94.80%   |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 28526    | 3.99     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 79.80%   |
| 46) 2-Hexanone-d5             | 8.092  | 63    | 109889   | 32.68    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 65.36%   |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 51133    | 3.70     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 74.00%   |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 95760    | 4.56     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 91.20%   |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.098  | 96    | 994      | 0.09     | ug/L # | 1        |
| 22) cis-1,2-Dichloroethene    | 3.918  | 96    | 1016     | 0.06     | ug/L   | 99       |
| 27) 1,2-Dichloroethane        | 5.053  | 62    | 1171     | 0.08     | ug/L # | 72       |
| 34) Trichloroethene           | 5.912  | 95    | 135997   | 8.63     | ug/L   | 99       |
| 35) Methylcyclohexane         | 6.069  | 83    | 17448    | 0.67     | ug/L # | 24       |
| 37) 1,2-Dichloropropane       | 6.069  | 63    | 7726     | 0.54     | ug/L # | 85       |
| 42) Toluene                   | 7.400  | 91    | 4054     | 0.06     | ug/L   | 98       |
| 48) 2-Hexanone                | 8.153  | 43    | 4237     | 0.72     | ug/L # | 87       |
| 61) 1,2,3-Trichloropropane    | 11.249 | 75    | 11787    | 1.36     | ug/L # | 65       |
| 68) 1,2-Dibromo-3-chloropr... | 12.249 | 75    | 217      | 0.10     | ug/L # | 1        |
| -----                         |        |       |          |          |        |          |

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

Quant Time: Jun 03 02:16:15 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR052521WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Jun 03 02:14:36 2021  
Response via : Initial Calibration

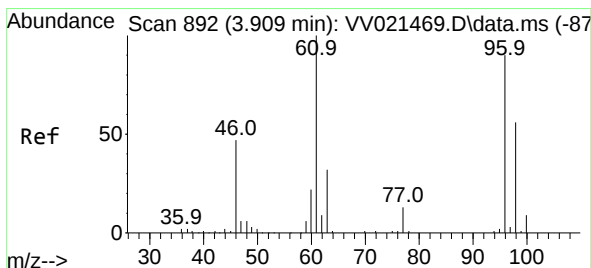
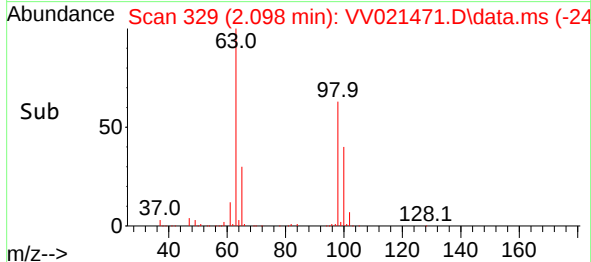
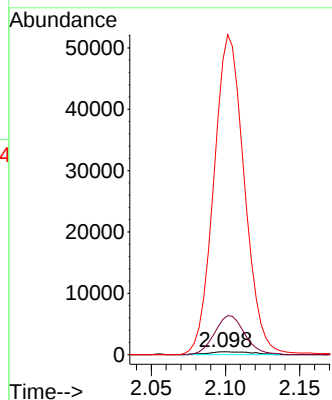
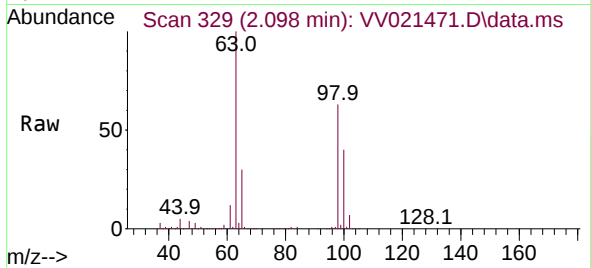




#12  
 1,1-Dichloroethene  
 Concen: 0.09 ug/L  
 RT: 2.098 min Scan# 329  
 Delta R.T. -0.016 min  
 Lab File: VV021471.D  
 Acq: 02 Jun 2021 11:09

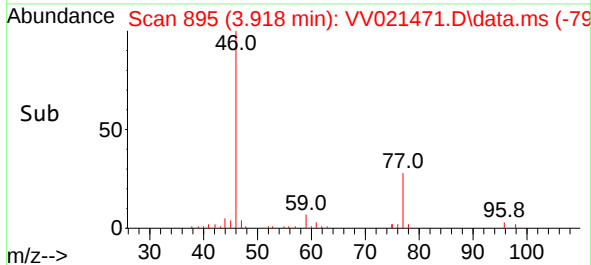
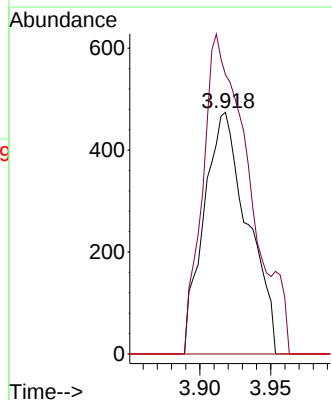
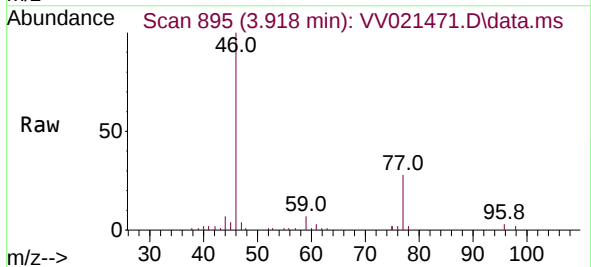
Instrument :  
 MSVOA\_V  
 ClientSampleId :

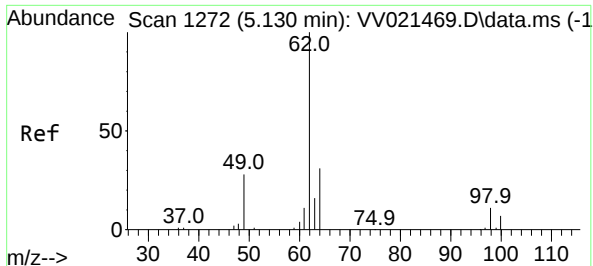
Tgt Ion: 96 Resp: 994  
 Ion Ratio Lower Upper  
 96 100  
 61 1196.0 103.7 192.5#  
 63 9987.5 62.4 115.8#



#22  
 cis-1,2-Dichloroethene  
 Concen: 0.06 ug/L  
 RT: 3.918 min Scan# 895  
 Delta R.T. 0.010 min  
 Lab File: VV021471.D  
 Acq: 02 Jun 2021 11:09

Tgt Ion: 96 Resp: 1016  
 Ion Ratio Lower Upper  
 96 100  
 61 115.6 81.9 152.1  
 68 0.0 0.0 0.0

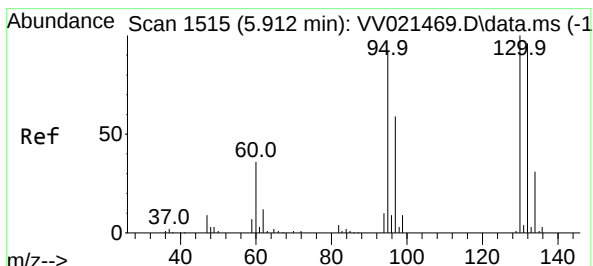
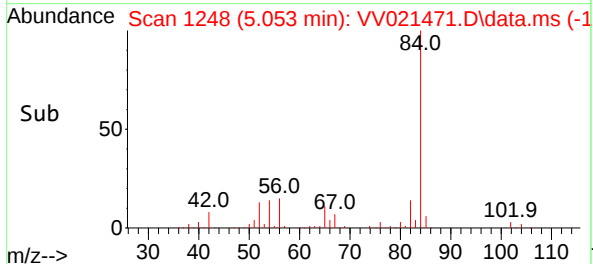
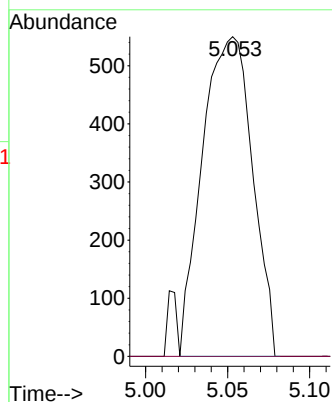
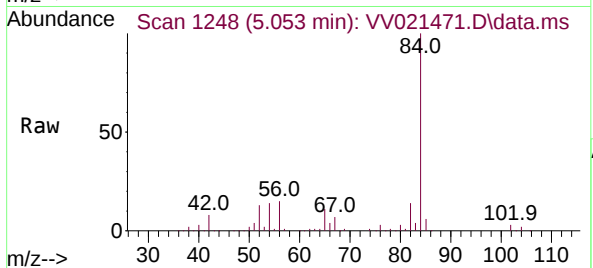




#27  
1,2-Dichloroethane  
Concen: 0.08 ug/L  
RT: 5.053 min Scan# 1248  
Delta R.T. -0.077 min  
Lab File: VV021471.D  
Acq: 02 Jun 2021 11:09

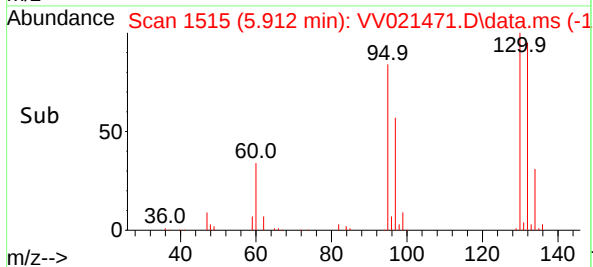
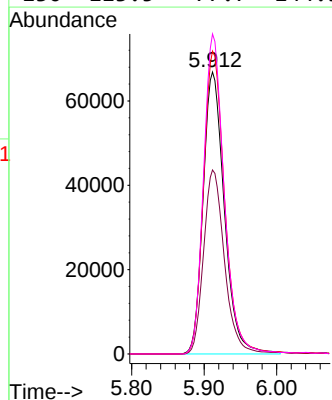
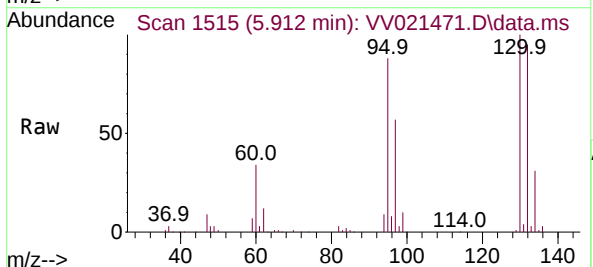
Instrument :  
MSVOA\_V  
ClientSampled :

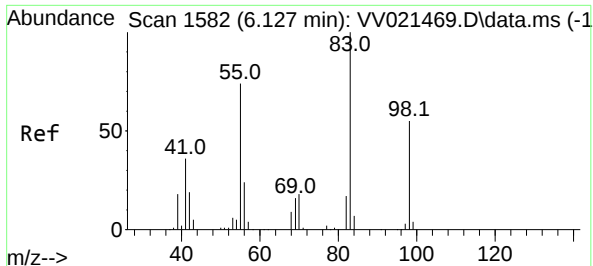
Tgt Ion: 62 Resp: 1171  
Ion Ratio Lower Upper  
62 100  
98 0.0 8.4 12.6#



#34  
Trichloroethene  
Concen: 8.63 ug/L  
RT: 5.912 min Scan# 1515  
Delta R.T. -0.000 min  
Lab File: VV021471.D  
Acq: 02 Jun 2021 11:09

Tgt Ion: 95 Resp: 135997  
Ion Ratio Lower Upper  
95 100  
97 65.3 45.4 84.4  
132 107.5 74.5 138.3  
130 113.5 77.7 144.3

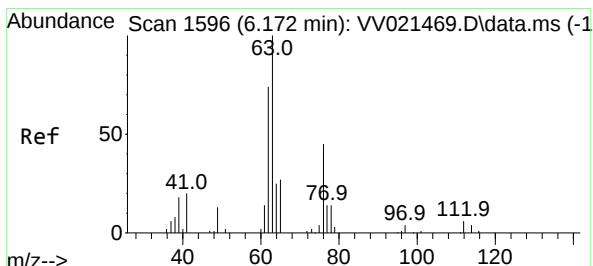
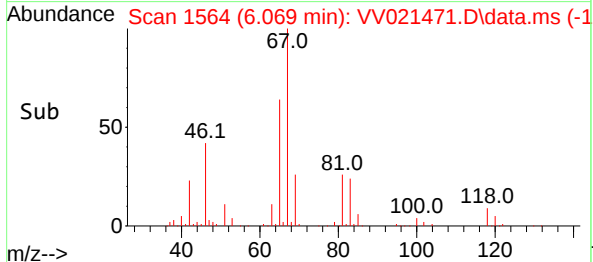
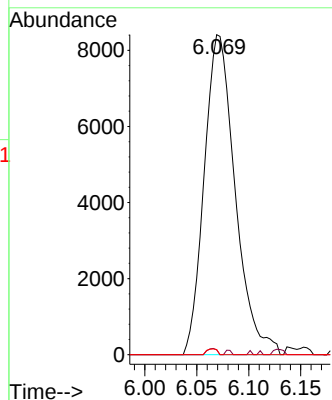
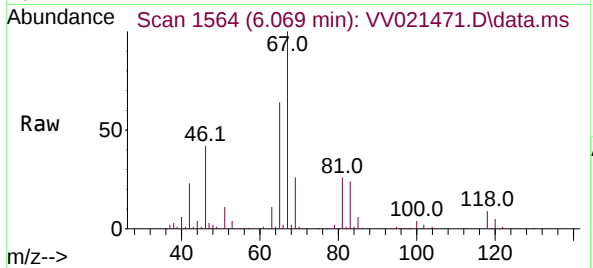




#35  
Methylcyclohexane  
Concen: 0.67 ug/L  
RT: 6.069 min Scan# 1564  
Delta R.T. -0.058 min  
Lab File: VV021471.D  
Acq: 02 Jun 2021 11:09

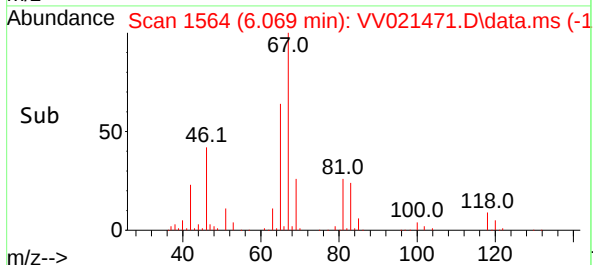
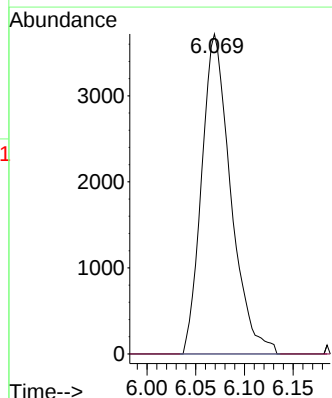
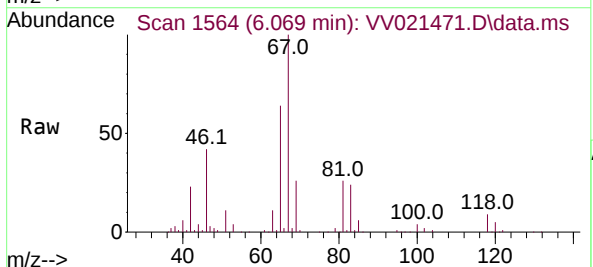
Instrument :  
MSVOA\_V  
ClientSampleId :

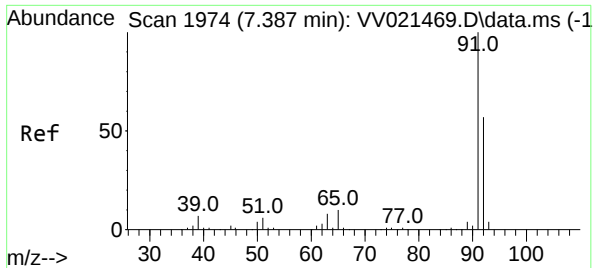
Tgt Ion: 83 Resp: 17448  
Ion Ratio Lower Upper  
83 100  
55 0.6 57.7 86.5#  
98 7.7 40.6 61.0#



#37  
1,2-Dichloropropane  
Concen: 0.54 ug/L  
RT: 6.069 min Scan# 1564  
Delta R.T. -0.103 min  
Lab File: VV021471.D  
Acq: 02 Jun 2021 11:09

Tgt Ion: 63 Resp: 7726  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.8 5.8#





#42

Toluene

Concen: 0.06 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.013 min

Lab File: VV021471.D

Acq: 02 Jun 2021 11:09

Tgt Ion: 91 Resp: 4054

Ion Ratio Lower Upper

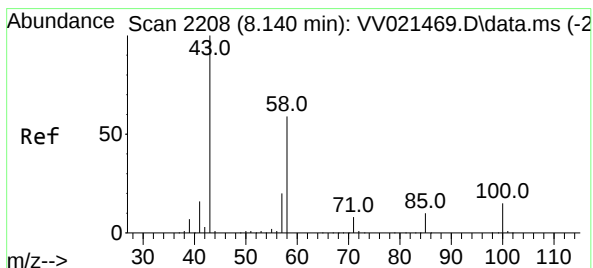
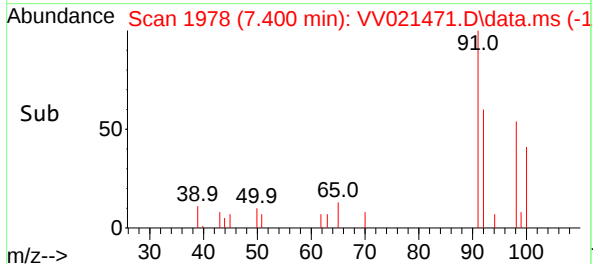
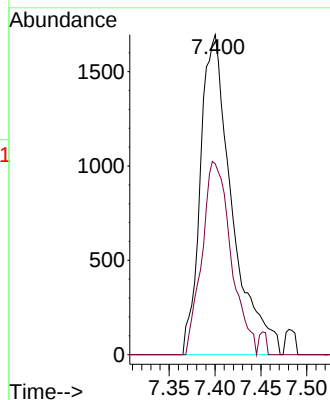
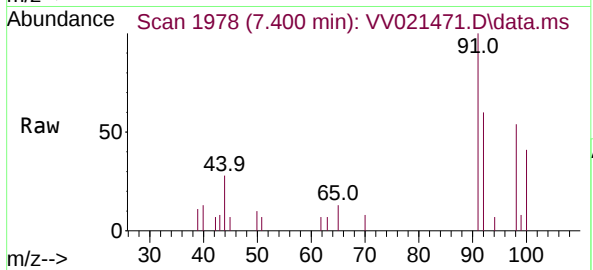
91 100

92 59.7 40.9 76.0

Instrument :

MSVOA\_V

ClientSampled :



#48

2-Hexanone

Concen: 0.72 ug/L

RT: 8.153 min Scan# 2212

Delta R.T. 0.013 min

Lab File: VV021471.D

Acq: 02 Jun 2021 11:09

Tgt Ion: 43 Resp: 4237

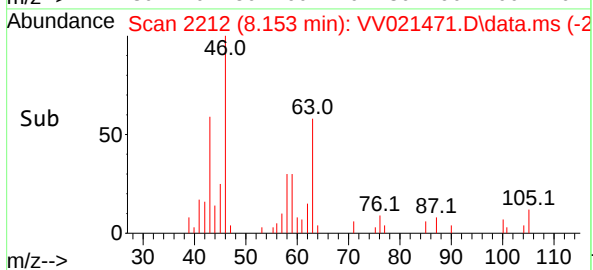
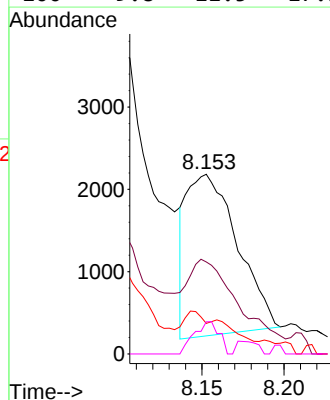
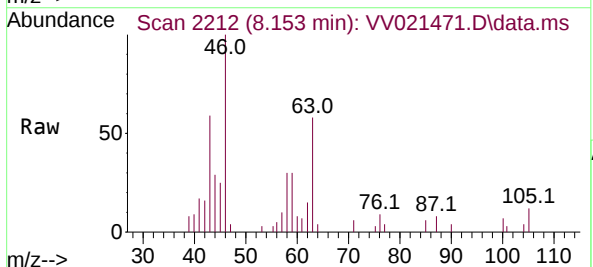
Ion Ratio Lower Upper

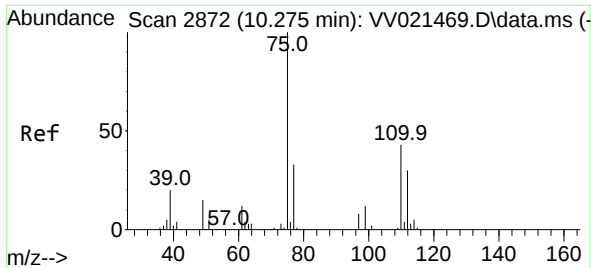
43 100

58 64.1 47.0 70.4

57 4.3 15.4 23.2#

100 9.8 11.5 17.3#

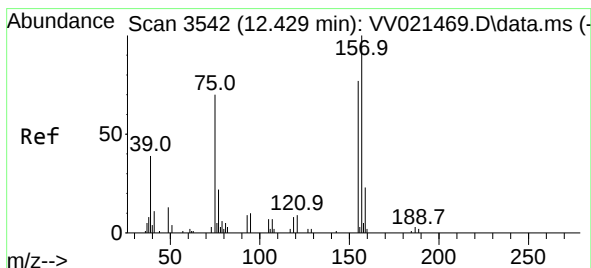
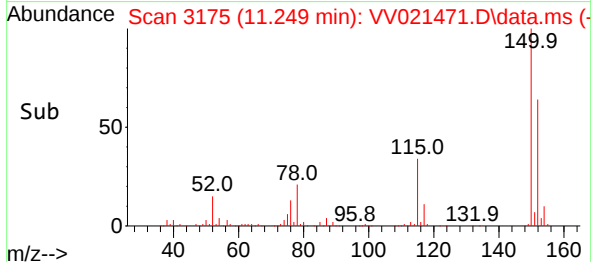
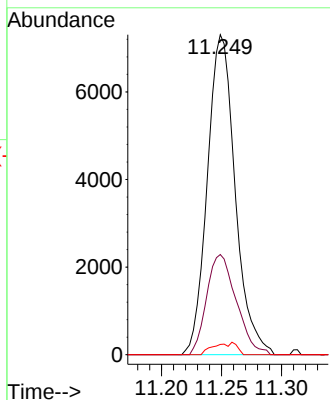
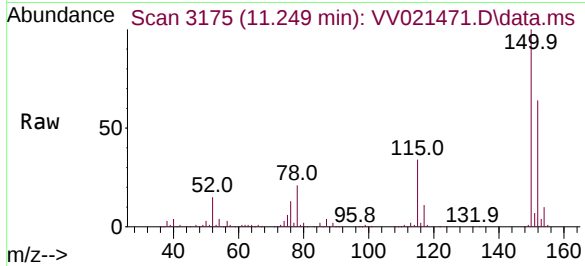




#61  
1,2,3-Trichloropropane  
Concen: 1.36 ug/L  
RT: 11.249 min Scan# 3175  
Delta R.T. 0.974 min  
Lab File: VV021471.D  
Acq: 02 Jun 2021 11:09

Instrument :  
MSVOA\_V  
ClientSampled :

Tgt Ion: 75 Resp: 11787  
Ion Ratio Lower Upper  
75 100  
77 33.3 27.3 40.9  
110 3.2 34.2 51.2#



#68  
1,2-Dibromo-3-chloropropane  
Concen: 0.10 ug/L  
RT: 12.249 min Scan# 3486  
Delta R.T. -0.180 min  
Lab File: VV021471.D  
Acq: 02 Jun 2021 11:09

Tgt Ion: 75 Resp: 217  
Ion Ratio Lower Upper  
75 100  
155 0.0 87.2 130.8#  
157 0.0 106.1 159.1#

