

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW012821\  
 Data File : VW020192.D  
 Acq On : 27 Jan 2021 15:22  
 Operator : SY/MD  
 Sample : M1201-11  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jan 28 05:49:09 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM012821WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jan 28 05:47:43 2021  
 Response via : Initial Calibration

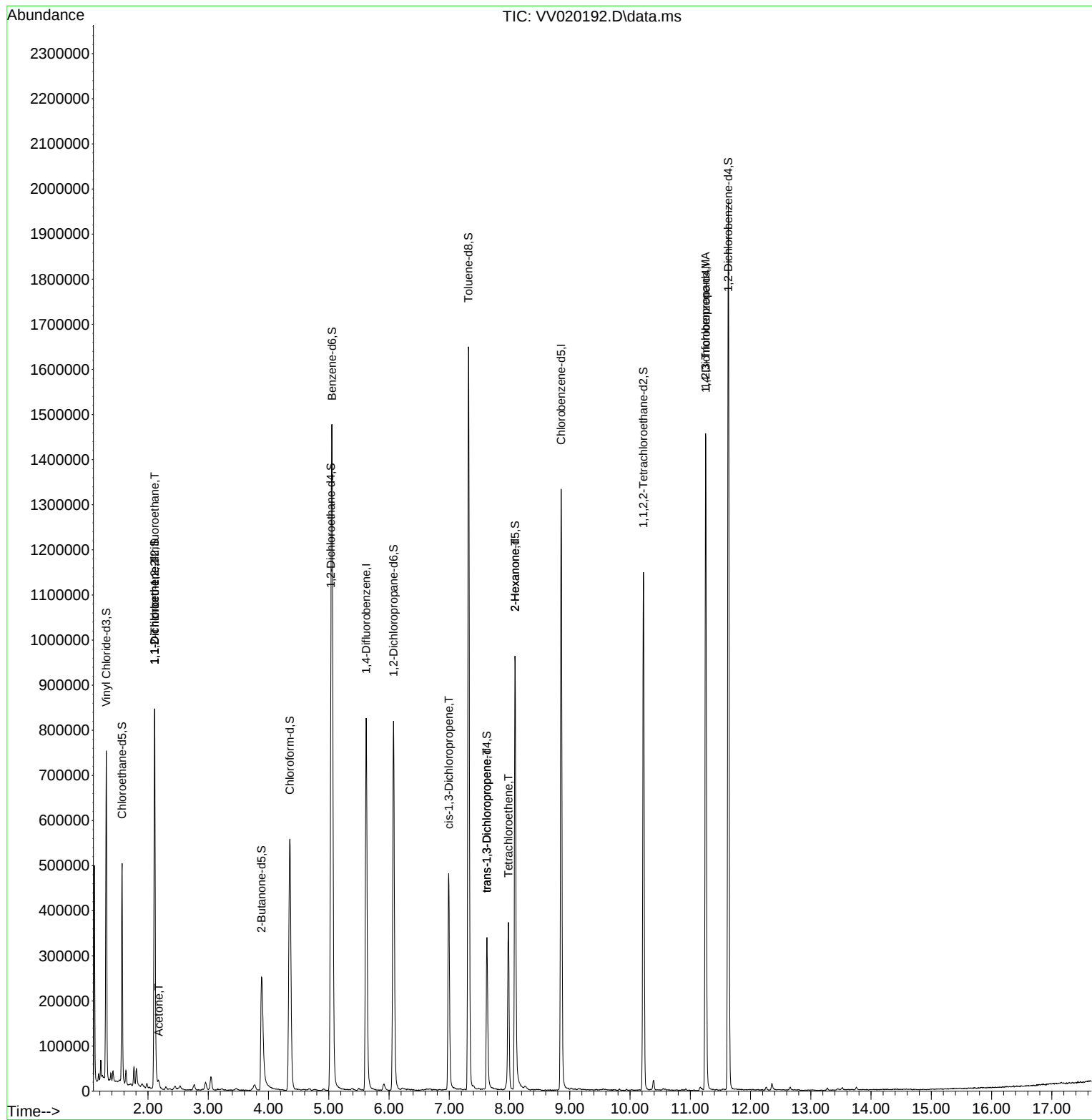
| Compound                      | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                         |                |      |                     |        |        |          |
| Internal Standards            |                |      |                     |        |        |          |
| 1) 1,4-Difluorobenzene        | 5.621          | 114  | 727829              | 50.00  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.859          | 117  | 725322              | 50.00  | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.257         | 152  | 381734              | 50.00  | ug/L   | 0.00     |
|                               |                |      |                     |        |        |          |
| System Monitoring Compounds   |                |      |                     |        |        |          |
| 4) Vinyl Chloride-d3          | 1.309          | 65   | 356758              | 70.57  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = 141.14%# |        |        |          |
| 7) Chloroethane-d5            | 1.569          | 69   | 292733              | 75.28  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = 150.56%# |        |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.110          | 63   | 433831              | 58.90  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 117.80%  |        |        |          |
| 21) 2-Butanone-d5             | 3.884          | 46   | 436440              | 136.81 | ug/L   | -0.01    |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = 136.81%# |        |        |          |
| 24) Chloroform-d              | 4.354          | 84   | 587181              | 64.49  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 128.98%# |        |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.036          | 65   | 422277              | 71.71  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 143.42%# |        |        |          |
| 32) Benzene-d6                | 5.055          | 84   | 1275743             | 67.96  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 135.92%# |        |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.074          | 67   | 387155              | 66.94  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = 133.88%# |        |        |          |
| 41) Toluene-d8                | 7.318          | 98   | 1098217             | 62.83  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 125.66%# |        |        |          |
| 43) trans-1,3-Dichloroprop... | 7.624          | 79   | 188167              | 66.39  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 132.78%# |        |        |          |
| 47) 2-Hexanone-d5             | 8.090          | 63   | 338772              | 132.59 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = 132.59%# |        |        |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.222         | 84   | 533214              | 67.90  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = 135.80%# |        |        |          |
| 64) 1,2-Dichlorobenzene-d4    | 11.630         | 152  | 501832              | 68.68  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 137.36%# |        |        |          |
|                               |                |      |                     |        |        |          |
| Target Compounds              |                |      |                     |        |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.110          | 101  | 4614                | 1.24   | ug/L # | 28       |
| 12) 1,1-Dichloroethene        | 2.110          | 96   | 3591                | 1.00   | ug/L # | 1        |
| 13) Acetone                   | 2.177          | 43   | 21244               | 11.56  | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 6.990          | 75   | 11992               | 1.51   | ug/L # | 70       |
| 44) trans-1,3-Dichloropropene | 7.624          | 75   | 8767                | 1.15   | ug/L   | 95       |
| 46) Tetrachloroethene         | 7.981          | 164  | 85386               | 19.09  | ug/L   | 93       |
| 48) 2-Hexanone                | 8.090          | 43   | 38158               | 7.26   | ug/L # | 69       |
| 59) 1,2,3-Trichloropropane    | 11.254         | 75   | 42469               | 6.43   | ug/L   | 93       |
| -----                         |                |      |                     |        |        |          |

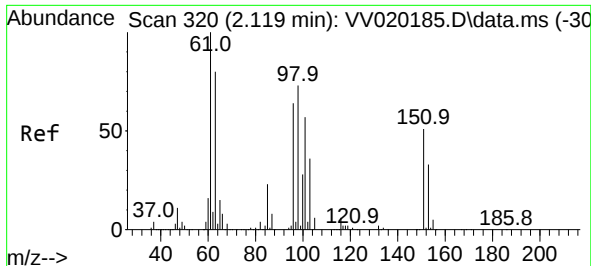
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV012821\  
Data File : VV020192.D  
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Sample : M1201-11  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

Quant Time: Jan 28 05:49:09 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM012821WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Jan 28 05:47:43 2021  
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.24 ug/L

RT: 2.110 min Scan# 317

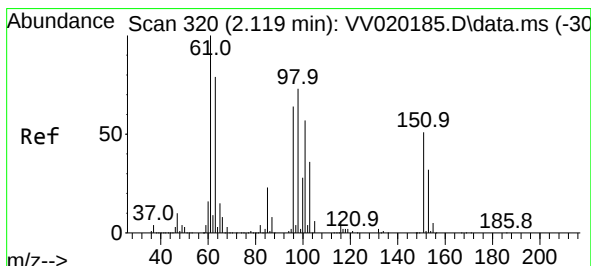
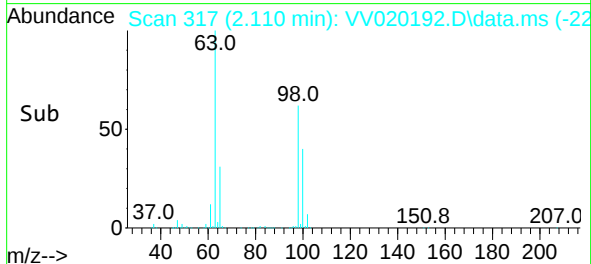
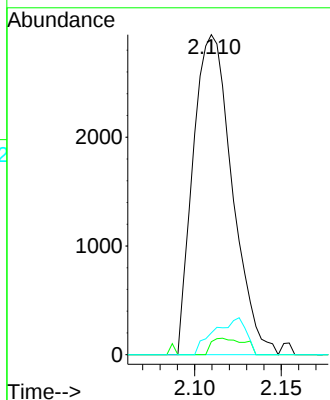
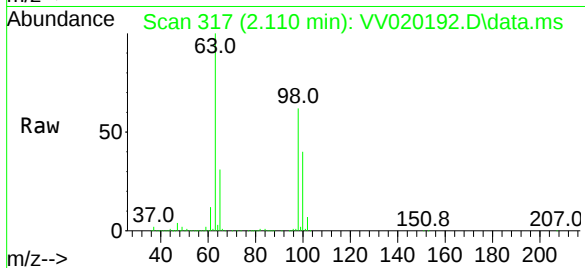
Delta R.T. -0.010 min

Lab File: VV020192.D

Acq: 27 Jan 2021 15:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 4614  |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 3.8   | 35.3  | 52.9# |
| 151      | 4.1   | 53.6  | 80.4# |

Instrument :  
MSVOA\_V  
ClientSampled :



#12

1,1-Dichloroethene

Concen: 1.00 ug/L

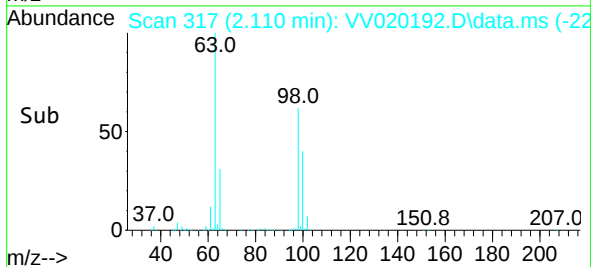
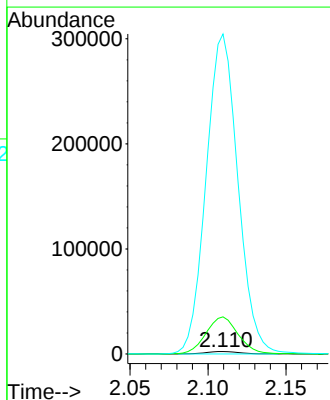
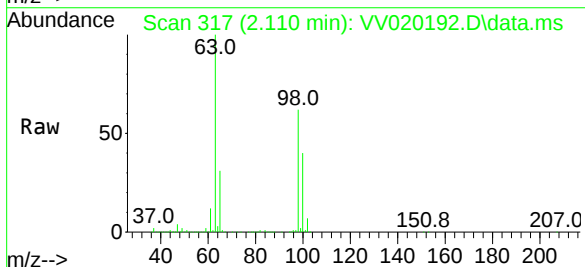
RT: 2.110 min Scan# 317

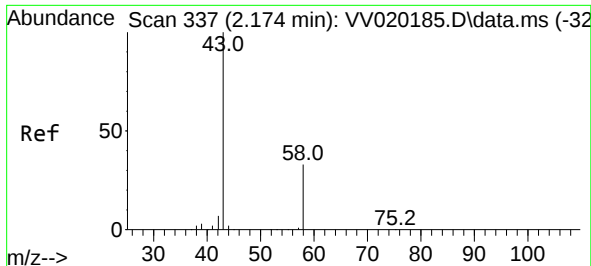
Delta R.T. -0.010 min

Lab File: VV020192.D

Acq: 27 Jan 2021 15:22

|          |         |       |        |
|----------|---------|-------|--------|
| Tgt Ion: | 96      | Resp: | 3591   |
| Ion      | Ratio   | Lower | Upper  |
| 96       | 100     |       |        |
| 61       | 1489.7  | 134.9 | 250.5# |
| 63       | 12848.6 | 117.6 | 218.4# |

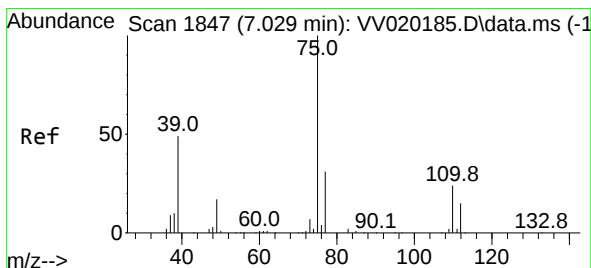
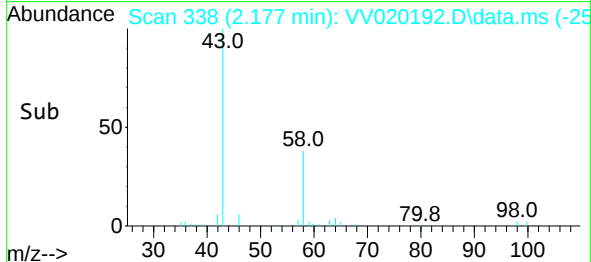
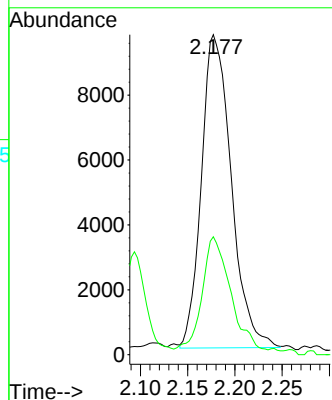
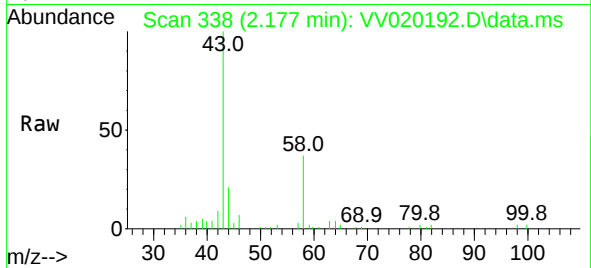




#13  
Acetone  
Concen: 11.56 ug/L  
RT: 2.177 min Scan# 338  
Delta R.T. -0.016 min  
Lab File: VV020192.D  
Acq: 27 Jan 2021 15:22

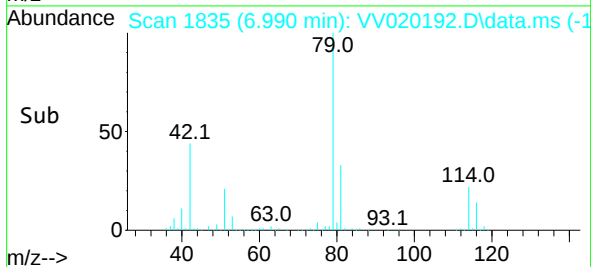
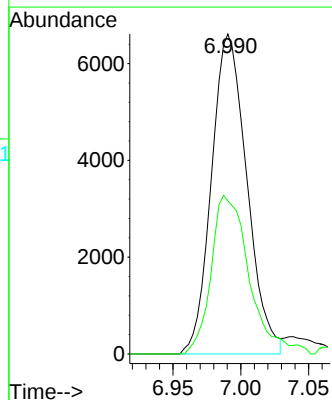
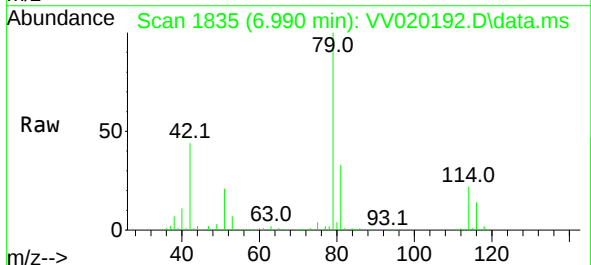
Instrument :  
MSVOA\_V  
ClientSampled :

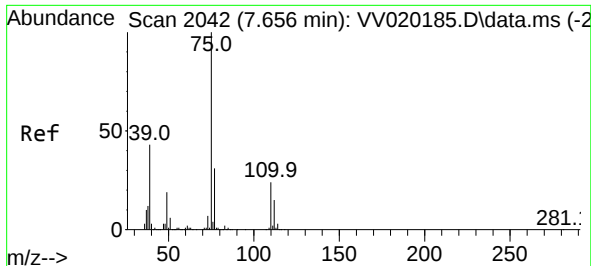
Tgt Ion: 43 Resp: 21244  
Ion Ratio Lower Upper  
43 100  
58 31.3 0.0 60.2



#39  
cis-1,3-Dichloropropene  
Concen: 1.51 ug/L  
RT: 6.990 min Scan# 1835  
Delta R.T. -0.042 min  
Lab File: VV020192.D  
Acq: 27 Jan 2021 15:22

Tgt Ion: 75 Resp: 11992  
Ion Ratio Lower Upper  
75 100  
77 47.9 21.8 40.6#

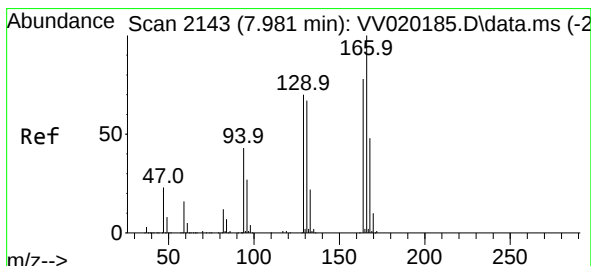
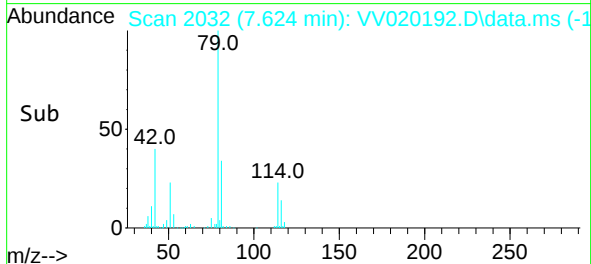
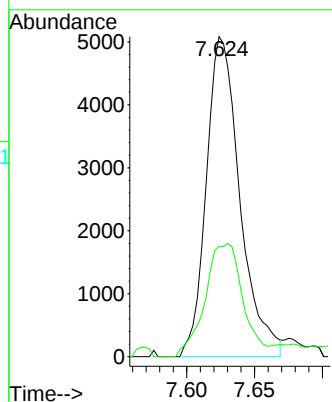
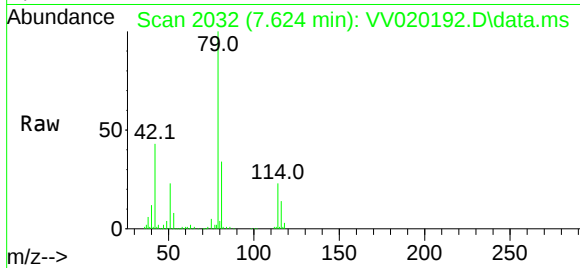




#44  
trans-1,3-Dichloropropene  
Concen: 1.15 ug/L  
RT: 7.624 min Scan# 2032  
Delta R.T. -0.029 min  
Lab File: VV020192.D  
Acq: 27 Jan 2021 15:22

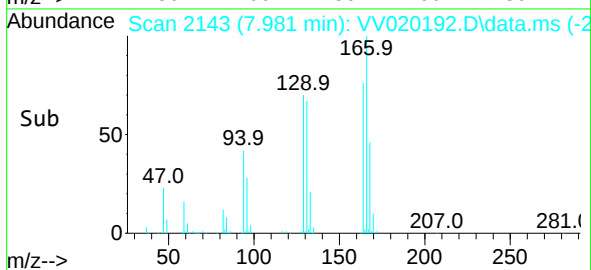
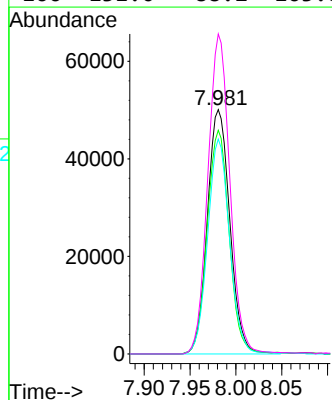
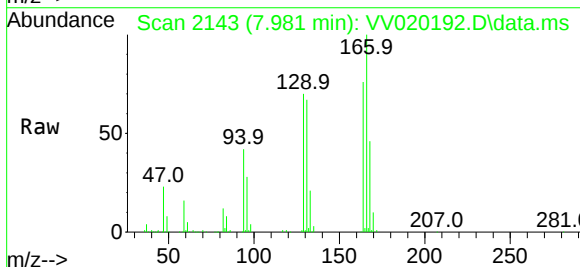
Instrument :  
MSVOA\_V  
ClientSampled :

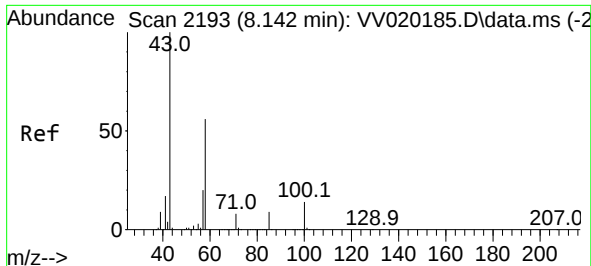
Tgt Ion: 75 Resp: 8767  
Ion Ratio Lower Upper  
75 100  
77 34.5 22.0 41.0



#46  
Tetrachloroethene  
Concen: 19.09 ug/L  
RT: 7.981 min Scan# 2143  
Delta R.T. 0.000 min  
Lab File: VV020192.D  
Acq: 27 Jan 2021 15:22

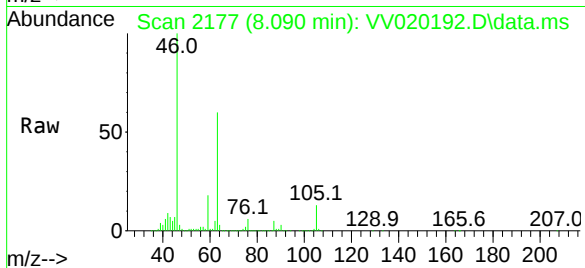
Tgt Ion:164 Resp: 85386  
Ion Ratio Lower Upper  
164 100  
129 91.5 70.6 131.0  
131 88.0 66.8 124.0  
166 131.0 88.2 163.8



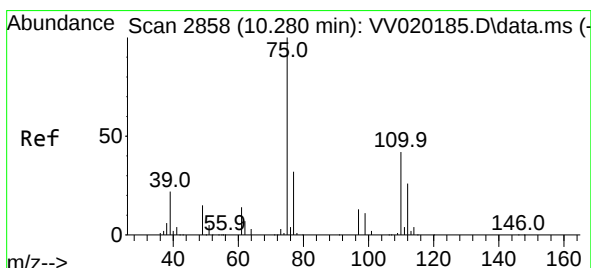
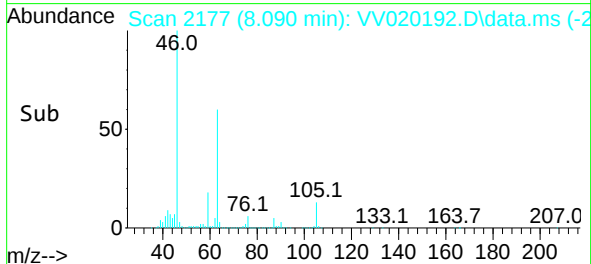
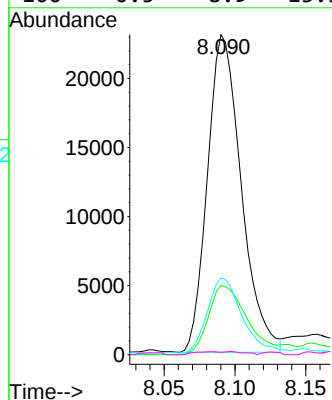


#48  
2-Hexanone  
Concen: 7.26 ug/L  
RT: 8.090 min Scan# 2177  
Delta R.T. -0.051 min  
Lab File: VV020192.D  
Acq: 27 Jan 2021 15:22

Instrument :  
MSVOA\_V  
ClientSampleId :



Tgt Ion: 43 Resp: 38158  
Ion Ratio Lower Upper  
43 100  
58 25.0 41.8 62.6#  
57 24.7 15.0 22.4#  
100 0.5 8.9 13.3#



#59  
1,2,3-Trichloropropane  
Concen: 6.43 ug/L  
RT: 11.254 min Scan# 3161  
Delta R.T. 0.974 min  
Lab File: VV020192.D  
Acq: 27 Jan 2021 15:22

Tgt Ion: 75 Resp: 42469  
Ion Ratio Lower Upper  
75 100  
77 35.4 25.4 38.0

