

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW011521\  
 Data File : VW020026.D  
 Acq On : 15 Jan 2021 15:59  
 Operator : SY/MD  
 Sample : M1147-11  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG4Y5

Quant Time: Jan 16 04:47:04 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM011121WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jan 16 04:43:48 2021  
 Response via : Initial Calibration

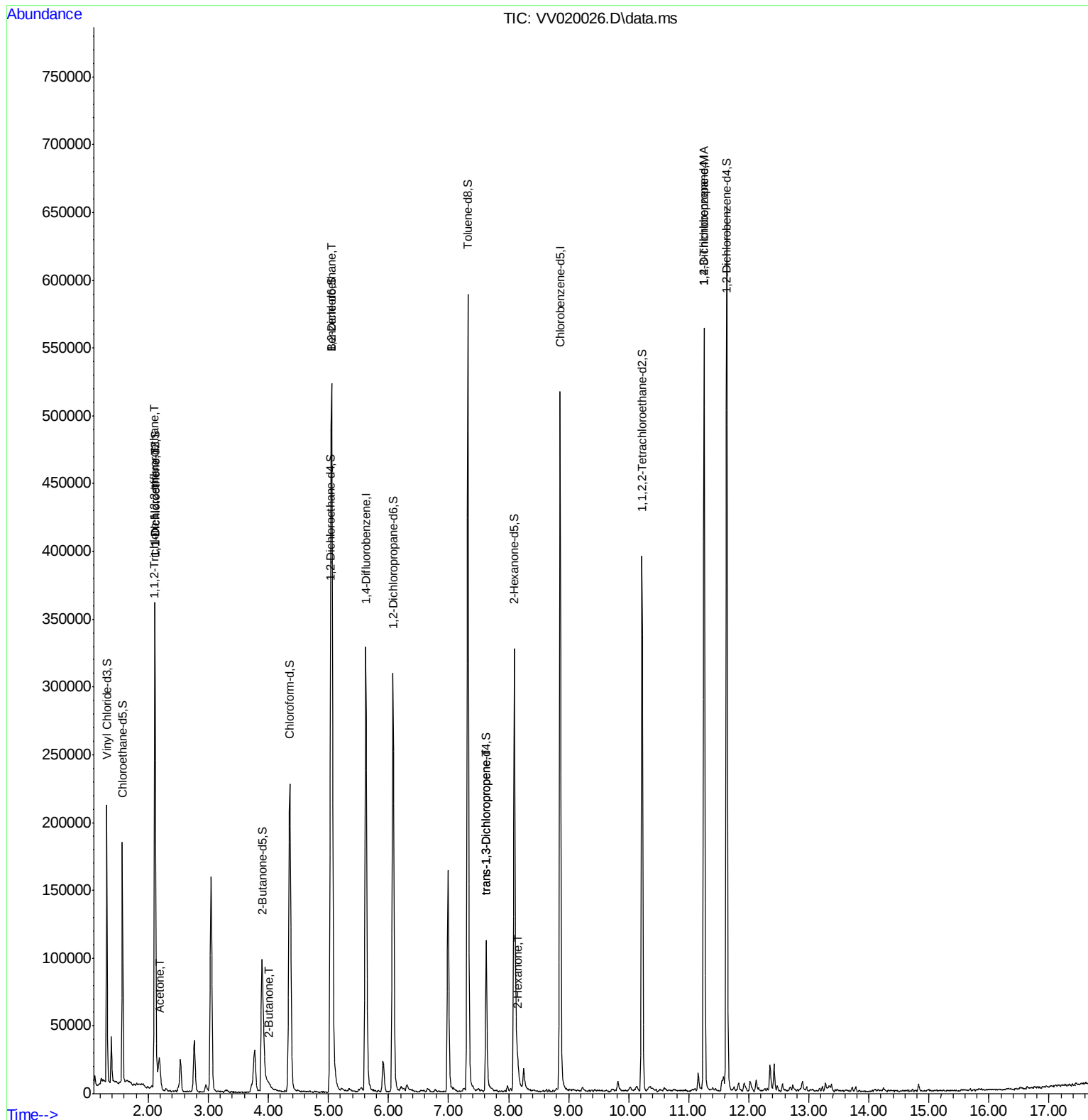
| Compound                      | R.T.           | QIon | Response           | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|--------------------|--------|--------|----------|
| -----                         |                |      |                    |        |        |          |
| Internal Standards            |                |      |                    |        |        |          |
| 1) 1,4-Difluorobenzene        | 5.624          | 114  | 265524             | 50.00  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.859          | 117  | 259001             | 50.00  | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.257         | 152  | 131393             | 50.00  | ug/L   | 0.00     |
|                               |                |      |                    |        |        |          |
| System Monitoring Compounds   |                |      |                    |        |        |          |
| 4) Vinyl Chloride-d3          | 1.309          | 65   | 121096             | 54.07  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = 108.14% |        |        |          |
| 7) Chloroethane-d5            | 1.569          | 69   | 107026             | 59.87  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = 119.74% |        |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.110          | 63   | 192864             | 43.72  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 87.44%  |        |        |          |
| 21) 2-Butanone-d5             | 3.894          | 46   | 179102             | 123.27 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = 123.27% |        |        |          |
| 24) Chloroform-d              | 4.354          | 84   | 227180             | 56.31  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 112.62% |        |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.036          | 65   | 165263             | 60.26  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 120.52% |        |        |          |
| 32) Benzene-d6                | 5.055          | 84   | 414490             | 56.70  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 113.40% |        |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.074          | 67   | 132771             | 58.17  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = 116.34% |        |        |          |
| 41) Toluene-d8                | 7.322          | 98   | 366477             | 55.32  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 110.64% |        |        |          |
| 43) trans-1,3-Dichloroprop... | 7.627          | 79   | 60002              | 50.66  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 101.32% |        |        |          |
| 47) 2-Hexanone-d5             | 8.093          | 63   | 96627              | 105.60 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = 105.60% |        |        |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.222         | 84   | 170554             | 55.28  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = 110.56% |        |        |          |
| 64) 1,2-Dichlorobenzene-d4    | 11.633         | 152  | 150451             | 59.28  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 118.56% |        |        |          |
|                               |                |      |                    |        |        |          |
| Target Compounds              |                |      |                    |        |        |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.106          | 101  | 1609               | 0.83   | ug/L # | 24       |
| 12) 1,1-Dichloroethene        | 2.110          | 96   | 1555               | 0.83   | ug/L # | 1        |
| 13) Acetone                   | 2.187          | 43   | 34807              | 27.11  | ug/L   | 98       |
| 22) 2-Butanone                | 4.003          | 43   | 5544               | 3.58   | ug/L   | 95       |
| 27) 1,2-Dichloroethane        | 5.055          | 62   | 3358               | 1.07   | ug/L   | 100      |
| 44) trans-1,3-Dichloropropene | 7.627          | 75   | 3254               | 1.05   | ug/L   | 85       |
| 48) 2-Hexanone                | 8.148          | 43   | 9466               | 4.02   | ug/L # | 88       |
| 59) 1,2,3-Trichloropropane    | 11.257         | 75   | 17919              | 6.76   | ug/L   | 91       |
| -----                         |                |      |                    |        |        |          |

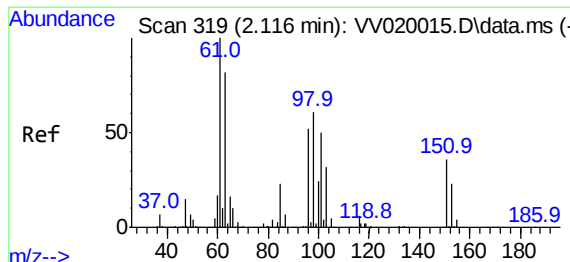
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

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ClientSampleId :  
BG4Y5

Quant Time: Jan 16 04:47:04 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM011121WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Jan 16 04:43:48 2021  
Response via : Initial Calibration

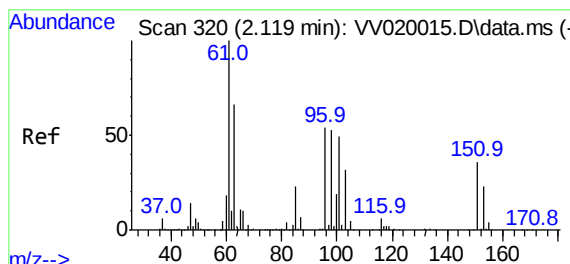
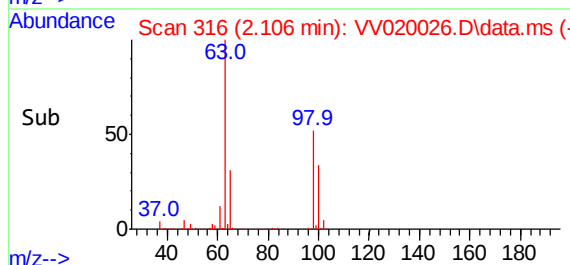
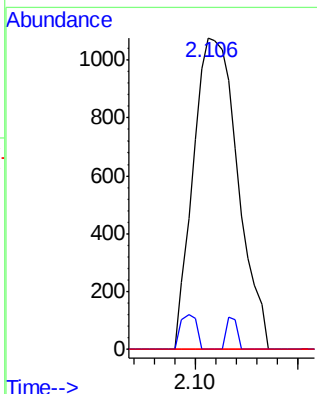
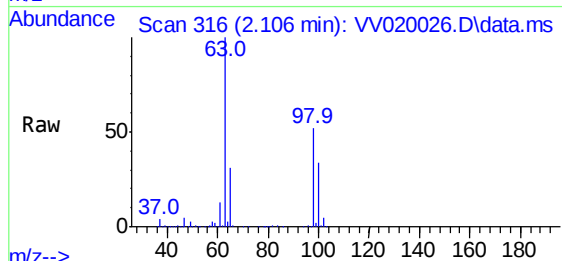




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.83 ug/L  
 RT: 2.106 min Scan# 316  
 Delta R.T. -0.010 min  
 Lab File: VV020026.D  
 Acq: 15 Jan 2021 15:59

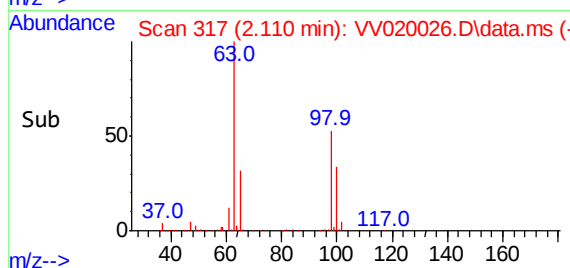
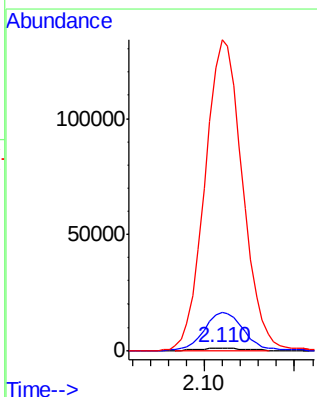
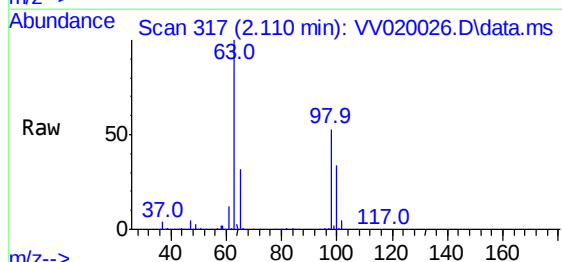
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG4Y5

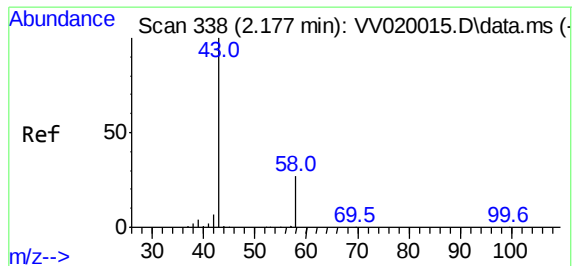
Tgt Ion:101 Resp: 1609  
 Ion Ratio Lower Upper  
 101 100  
 85 2.5 35.3 52.9#  
 151 0.0 53.6 80.4#



#12  
 1,1-Dichloroethene  
 Concen: 0.83 ug/L  
 RT: 2.110 min Scan# 317  
 Delta R.T. -0.010 min  
 Lab File: VV020026.D  
 Acq: 15 Jan 2021 15:59

Tgt Ion: 96 Resp: 1555  
 Ion Ratio Lower Upper  
 96 100  
 61 1625.3 134.9 250.5#  
 63 13262.6 117.6 218.4#

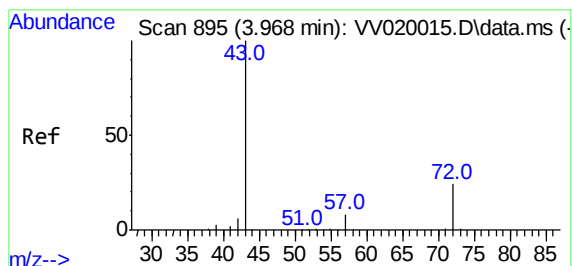
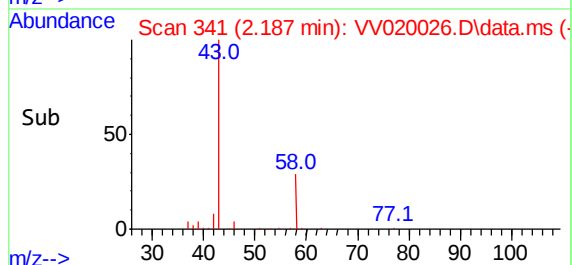
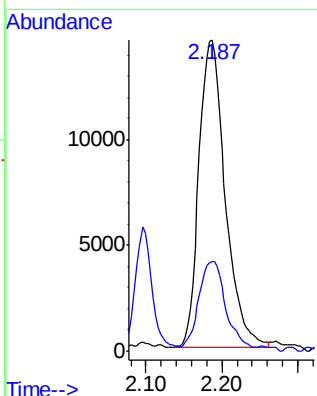
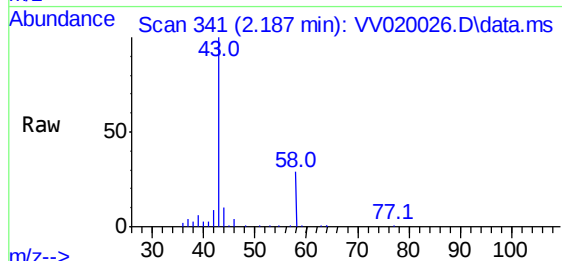




#13  
Acetone  
Concen: 27.11 ug/L  
RT: 2.187 min Scan# 341  
Delta R.T. 0.010 min  
Lab File: VV020026.D  
Acq: 15 Jan 2021 15:59

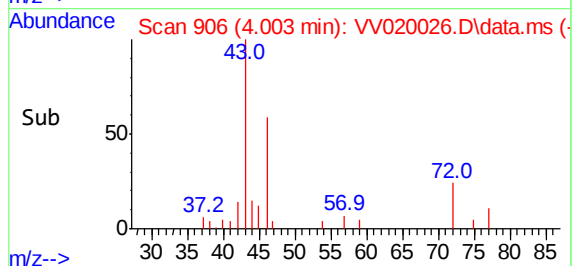
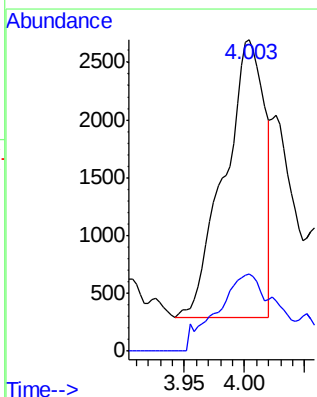
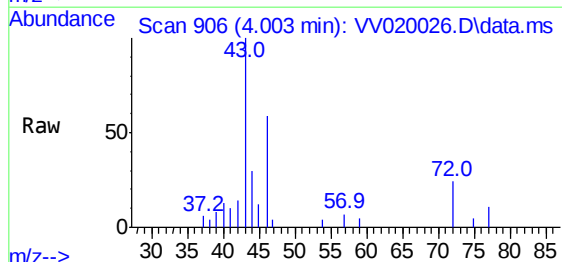
Instrument :  
MSVOA\_V  
ClientSampleId :  
BG4Y5

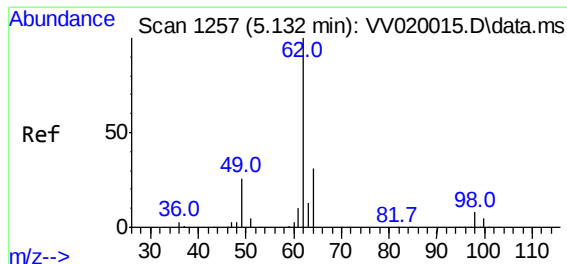
Tgt Ion: 43 Resp: 34807  
Ion Ratio Lower Upper  
43 100  
58 28.8 0.0 60.2



#22  
2-Butanone  
Concen: 3.58 ug/L  
RT: 4.003 min Scan# 906  
Delta R.T. 0.035 min  
Lab File: VV020026.D  
Acq: 15 Jan 2021 15:59

Tgt Ion: 43 Resp: 5544  
Ion Ratio Lower Upper  
43 100  
72 22.0 12.2 36.6

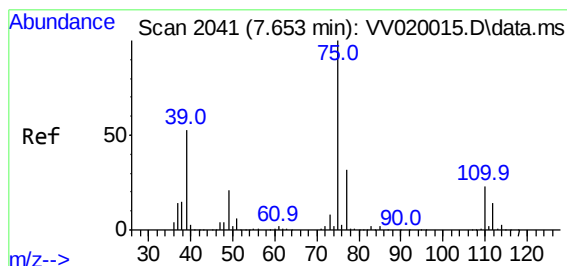
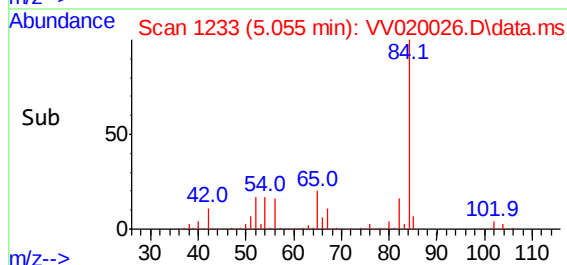
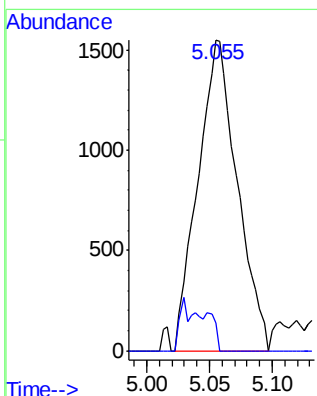
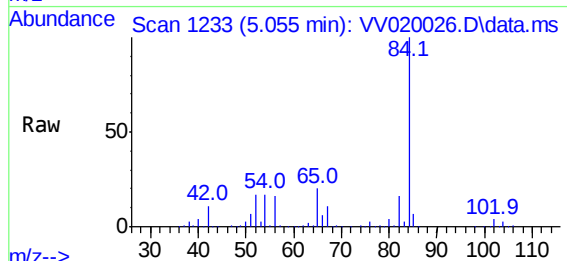




#27  
1,2-Dichloroethane  
Concen: 1.07 ug/L  
RT: 5.055 min Scan# 1233  
Delta R.T. -0.077 min  
Lab File: VV020026.D  
Acq: 15 Jan 2021 15:59

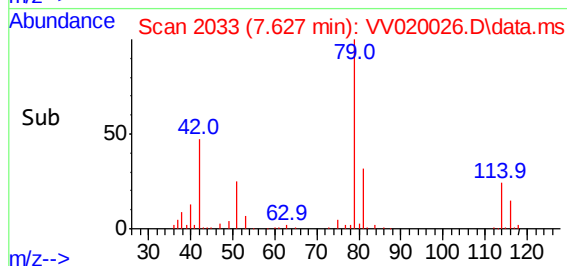
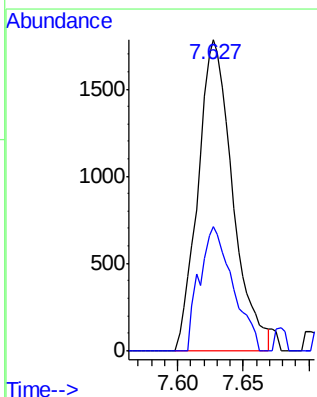
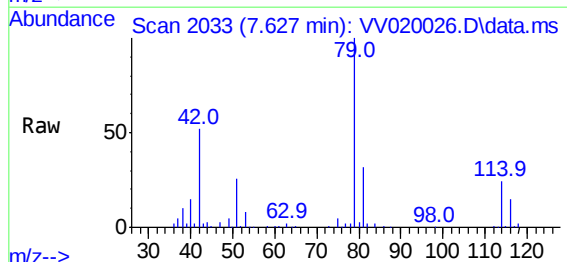
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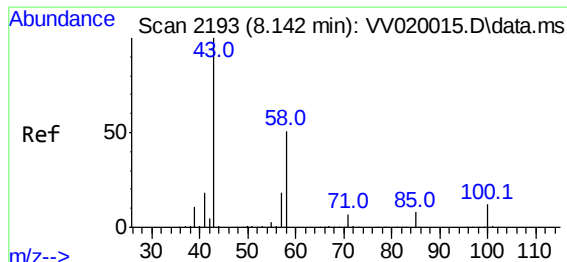
Tgt Ion: 62 Resp: 3358  
Ion Ratio Lower Upper  
62 100  
98 8.8 6.9 10.3



#44  
trans-1,3-Dichloropropene  
Concen: 1.05 ug/L  
RT: 7.627 min Scan# 2033  
Delta R.T. -0.026 min  
Lab File: VV020026.D  
Acq: 15 Jan 2021 15:59

Tgt Ion: 75 Resp: 3254  
Ion Ratio Lower Upper  
75 100  
77 39.8 22.0 41.0

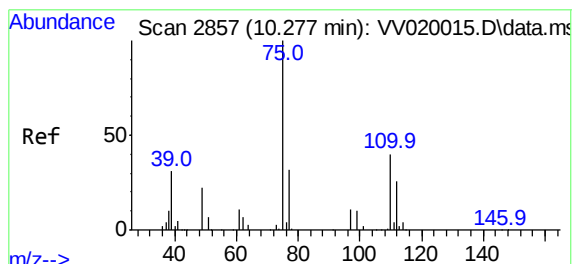
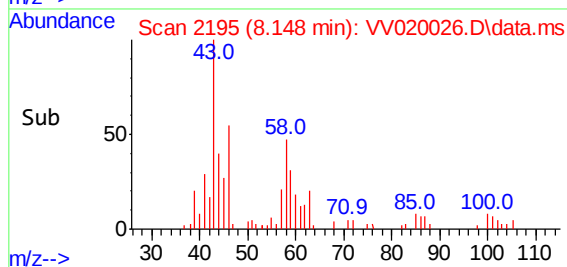
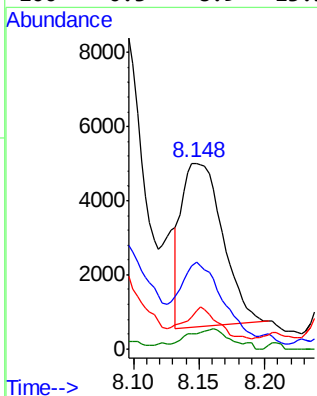
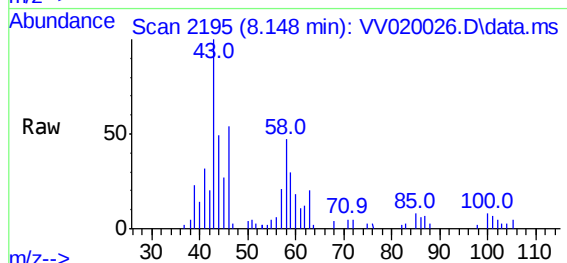




#48  
2-Hexanone  
Concen: 4.02 ug/L  
RT: 8.148 min Scan# 2195  
Delta R.T. 0.006 min  
Lab File: VV020026.D  
Acq: 15 Jan 2021 15:59

Instrument :  
MSVOA\_V  
ClientSampleId :  
BG4Y5

Tgt Ion: 43 Resp: 9466  
Ion Ratio Lower Upper  
43 100  
58 58.7 41.8 62.6  
57 14.5 15.0 22.4#  
100 0.3 8.9 13.3#



#59  
1,2,3-Trichloropropane  
Concen: 6.76 ug/L  
RT: 11.257 min Scan# 3162  
Delta R.T. 0.981 min  
Lab File: VV020026.D  
Acq: 15 Jan 2021 15:59

Tgt Ion: 75 Resp: 17919  
Ion Ratio Lower Upper  
75 100  
77 36.7 25.4 38.0

