

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW060921\  
 Data File : VW019171.D  
 Acq On : 09 Jun 2021 16:17  
 Operator : SY/VA  
 Sample : M2662-06  
 Misc : 5.15G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGDH3

Quant Time: Jun 10 01:16:09 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM060221SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Jun 10 01:14:29 2021  
 Response via : Initial Calibration

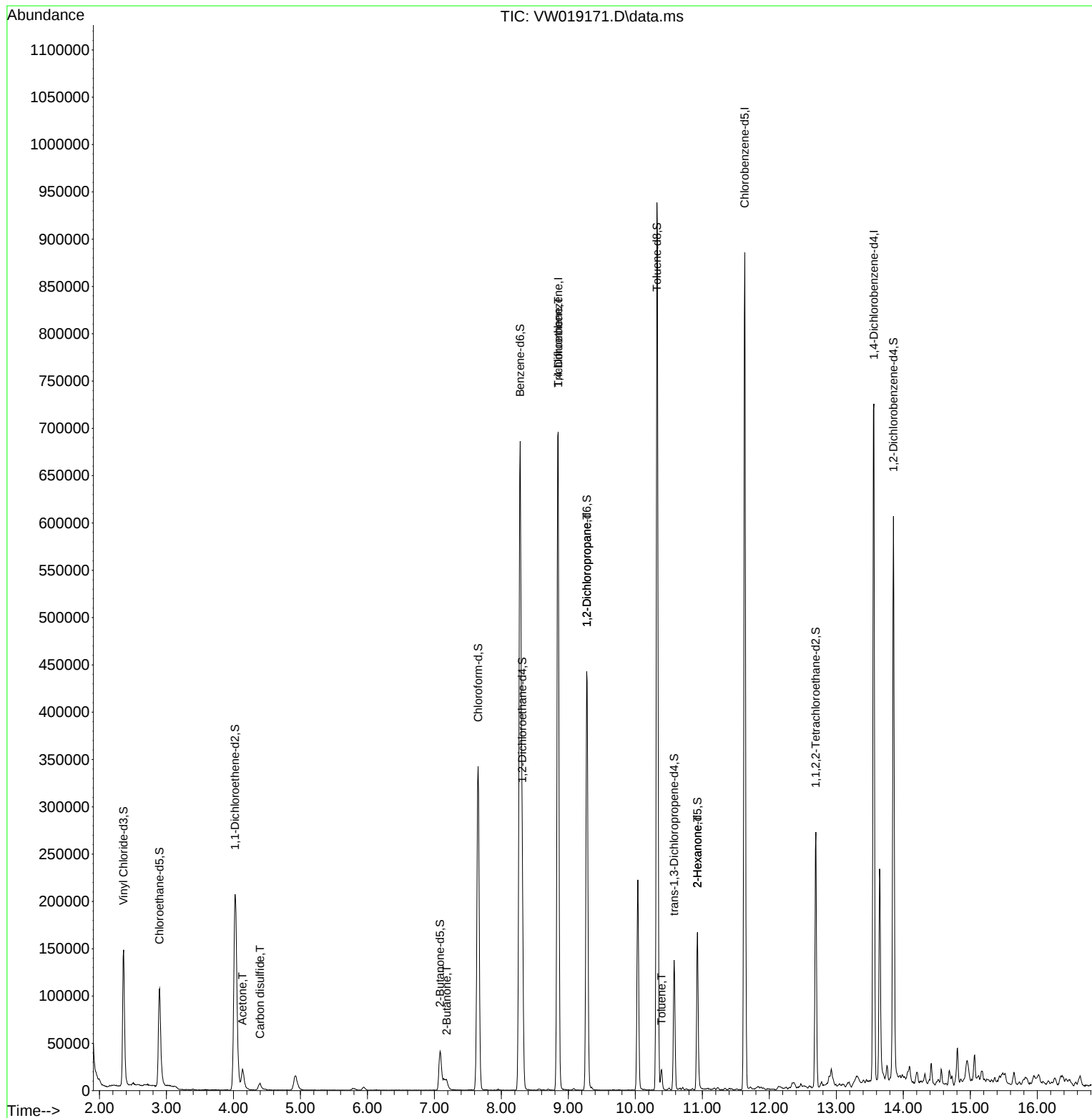
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 579382   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 479356   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 185123   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 177608   | 23.182   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 92.720%  |
| 7) Chloroethane-d5            | 2.897  | 69    | 142868   | 21.895   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 87.560%  |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63    | 242520   | 15.932   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 63.720%  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 70076    | 34.919   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 69.840%  |
| 24) Chloroform-d              | 7.653  | 84    | 344866   | 22.140   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 88.560%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 181906   | 20.819   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 83.280%  |
| 32) Benzene-d6                | 8.281  | 84    | 692755   | 25.366   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 101.480% |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 210053   | 25.370   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 101.480% |
| 41) Toluene-d8                | 10.323 | 98    | 615966   | 24.558   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 98.240%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 75030    | 20.924   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 83.680%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 57188    | 40.732   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 81.460%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 131437   | 19.245   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 76.960%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 144812   | 22.412   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 89.640%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.135  | 43    | 38818    | 21.829   | ug/L   | 90       |
| 14) Carbon disulfide          | 4.397  | 76    | 15553    | 0.599    | ug/L   | 98       |
| 22) 2-Butanone                | 7.183  | 43    | 14616    | 6.147    | ug/L   | 99       |
| 34) Trichloroethene           | 8.848  | 95    | 17025    | 2.071    | ug/L # | 5        |
| 37) 1,2-Dichloropropane       | 9.274  | 63    | 24100    | 3.112    | ug/L # | 86       |
| 42) Toluene                   | 10.390 | 91    | 14714    | 0.434    | ug/L   | 98       |
| 48) 2-Hexanone                | 10.927 | 43    | 6930     | 2.235    | ug/L # | 67       |
| -----                         |        |       |          |          |        |          |

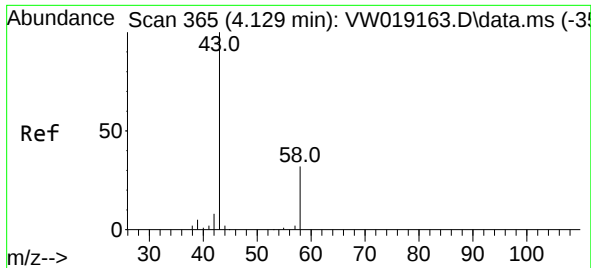
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW060921\  
Data File : VW019171.D  
Acq On : 09 Jun 2021 16:17  
Operator : SY/VA  
Sample : M2662-06  
Misc : 5.15G/10ML/MSVOA\_W/SOIL  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BGDH3

Quant Time: Jun 10 01:16:09 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM060221SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Jun 10 01:14:29 2021  
Response via : Initial Calibration

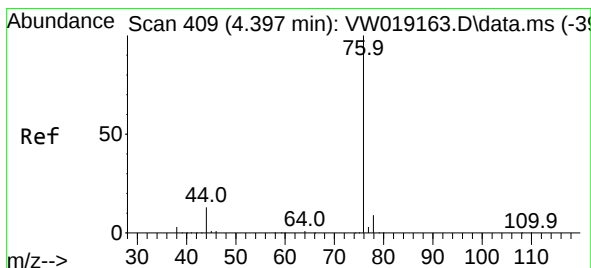
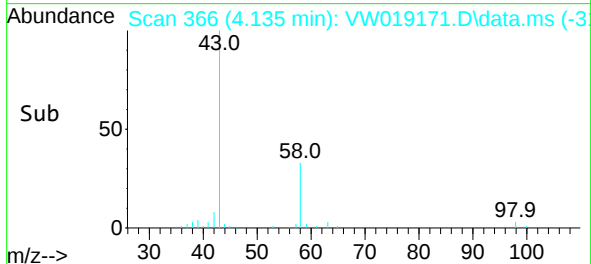
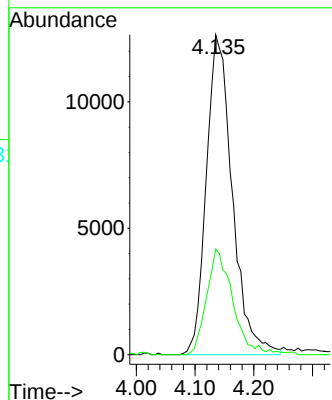
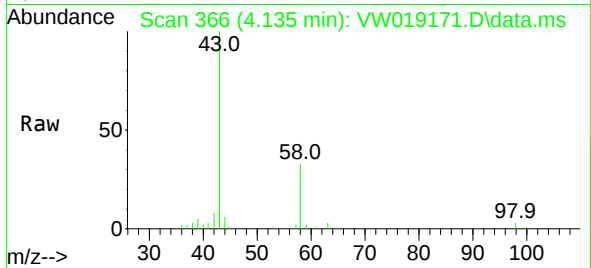




#13  
Acetone  
Concen: 21.829 ug/L  
RT: 4.135 min Scan# 366  
Delta R.T. 0.006 min  
Lab File: VW019171.D  
Acq: 09 Jun 2021 16:17

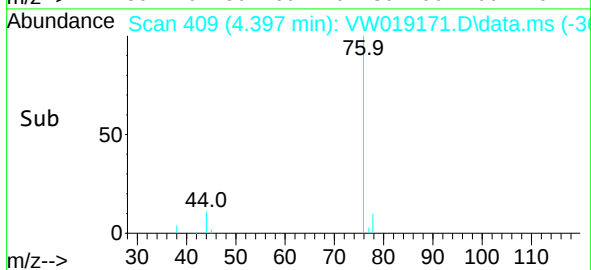
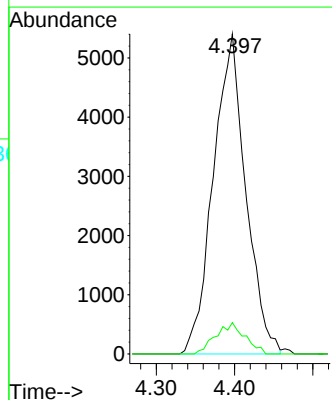
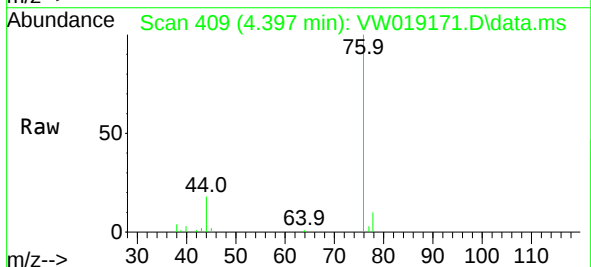
Instrument :  
MSVOA\_W  
ClientSampled :  
BGDH3

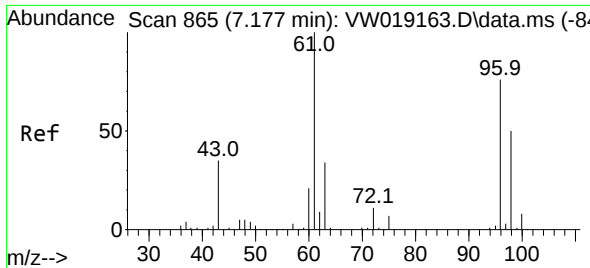
Tgt Ion: 43 Resp: 38818  
Ion Ratio Lower Upper  
43 100  
58 32.0 0.0 53.8



#14  
Carbon disulfide  
Concen: 0.599 ug/L  
RT: 4.397 min Scan# 409  
Delta R.T. -0.000 min  
Lab File: VW019171.D  
Acq: 09 Jun 2021 16:17

Tgt Ion: 76 Resp: 15553  
Ion Ratio Lower Upper  
76 100  
78 9.8 7.4 11.0

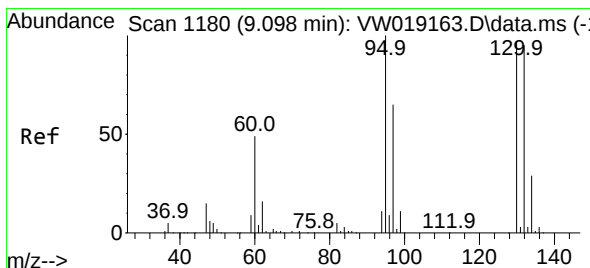
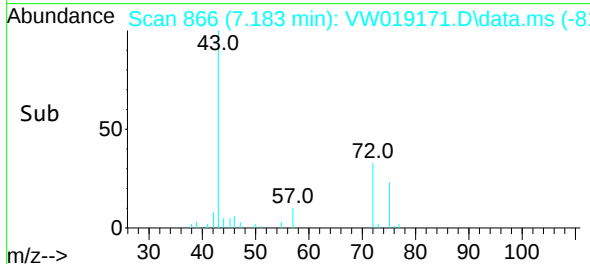
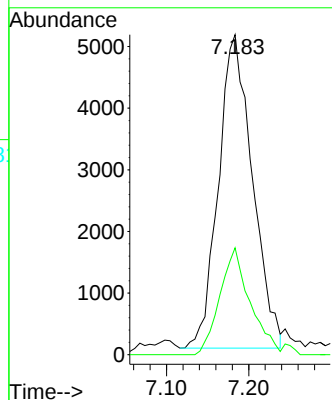
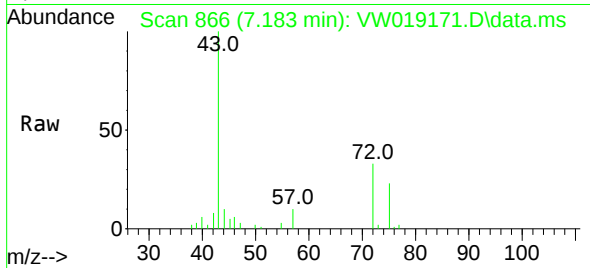




#22  
2-Butanone  
Concen: 6.147 ug/L  
RT: 7.183 min Scan# 866  
Delta R.T. 0.006 min  
Lab File: VW019171.D  
Acq: 09 Jun 2021 16:17

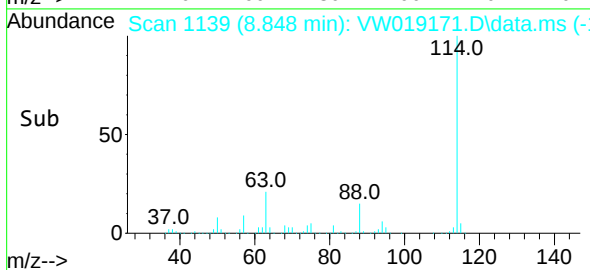
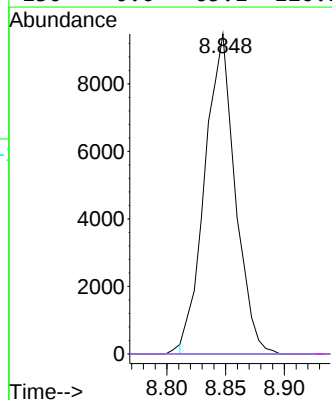
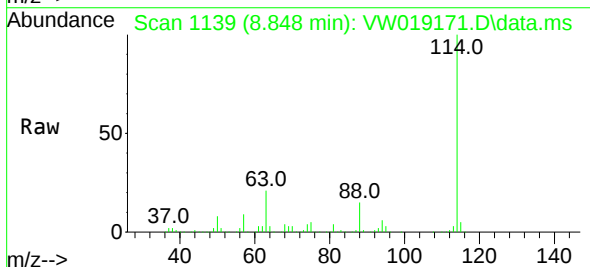
Instrument :  
MSVOA\_W  
ClientSampled :  
BGDH3

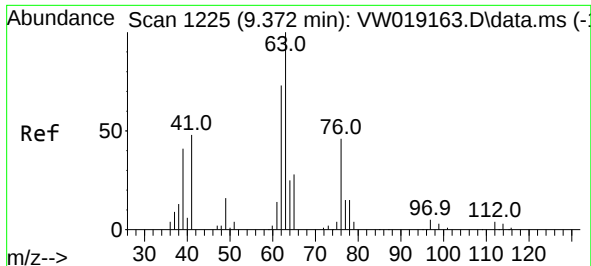
Tgt Ion: 43 Resp: 14616  
Ion Ratio Lower Upper  
43 100  
72 30.3 14.9 44.7



#34  
Trichloroethene  
Concen: 2.071 ug/L  
RT: 8.848 min Scan# 1139  
Delta R.T. -0.250 min  
Lab File: VW019171.D  
Acq: 09 Jun 2021 16:17

Tgt Ion: 95 Resp: 17025  
Ion Ratio Lower Upper  
95 100  
97 0.0 47.3 87.8#  
132 0.0 71.0 131.8#  
130 0.0 65.1 120.9#

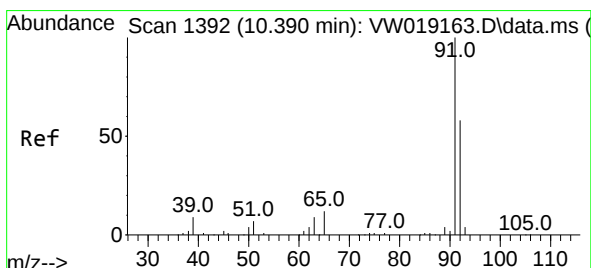
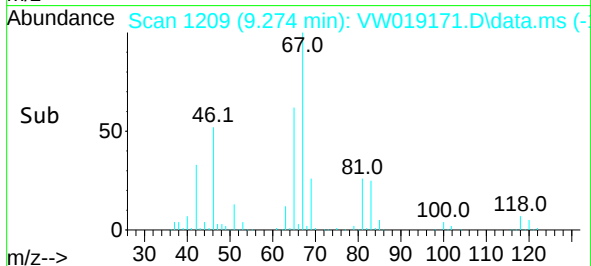
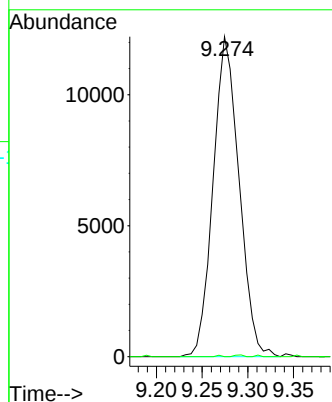
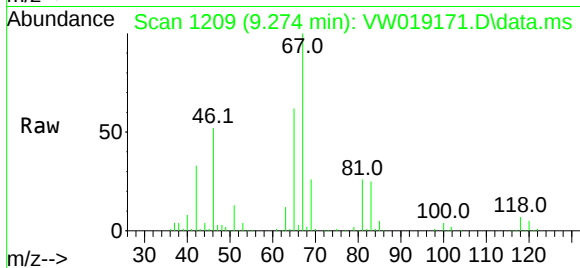




#37  
1,2-Dichloropropane  
Concen: 3.112 ug/L  
RT: 9.274 min Scan# 1209  
Delta R.T. -0.098 min  
Lab File: VW019171.D  
Acq: 09 Jun 2021 16:17

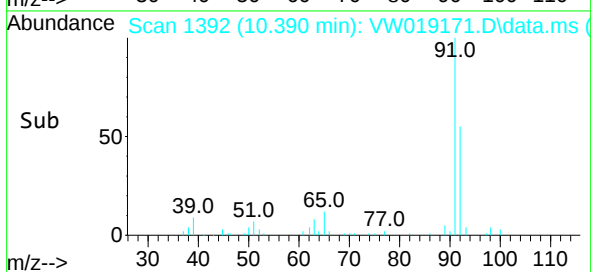
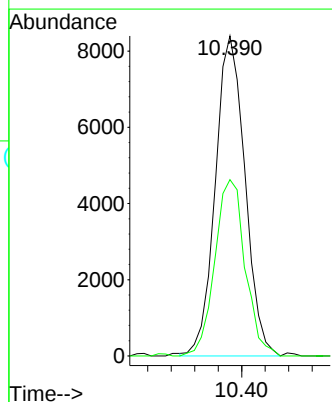
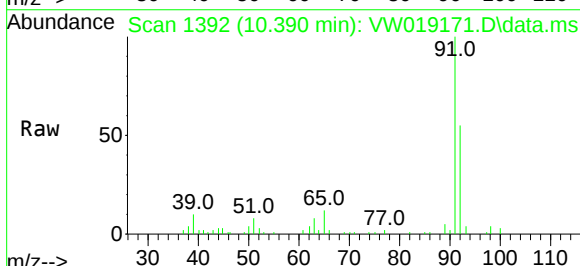
Instrument :  
MSVOA\_W  
ClientSampled :  
BGDH3

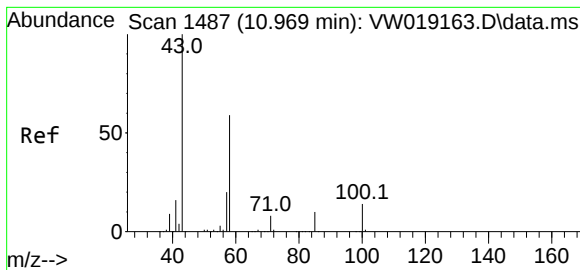
Tgt Ion: 63 Resp: 24100  
Ion Ratio Lower Upper  
63 100  
112 0.2 3.9 5.9#



#42  
Toluene  
Concen: 0.434 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. -0.000 min  
Lab File: VW019171.D  
Acq: 09 Jun 2021 16:17

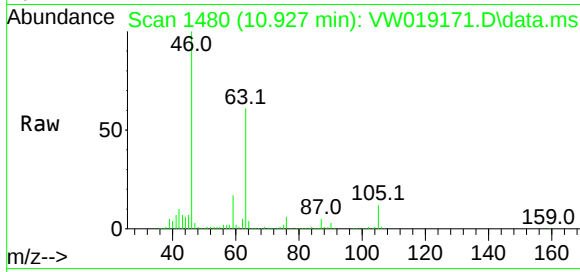
Tgt Ion: 91 Resp: 14714  
Ion Ratio Lower Upper  
91 100  
92 55.1 39.5 73.3





#48  
 2-Hexanone  
 Concen: 2.235 ug/L  
 RT: 10.927 min Scan# 1480  
 Delta R.T. -0.043 min  
 Lab File: VW019171.D  
 Acq: 09 Jun 2021 16:17

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGDH3



|             |                 |
|-------------|-----------------|
| Tgt Ion: 43 | Resp: 6930      |
| Ion Ratio   | Lower Upper     |
| 43          | 100             |
| 58          | 28.2 42.7 64.1# |
| 57          | 33.0 15.8 23.8# |
| 100         | 1.4 10.0 15.0#  |

