

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW070921\  
 Data File : VW019415.D  
 Acq On : 09 Jul 2021 22:25  
 Operator : SY/VA  
 Sample : M2971-13  
 Misc : 4.39G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jul 10 01:05:34 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Jul 10 00:58:28 2021  
 Response via : Initial Calibration

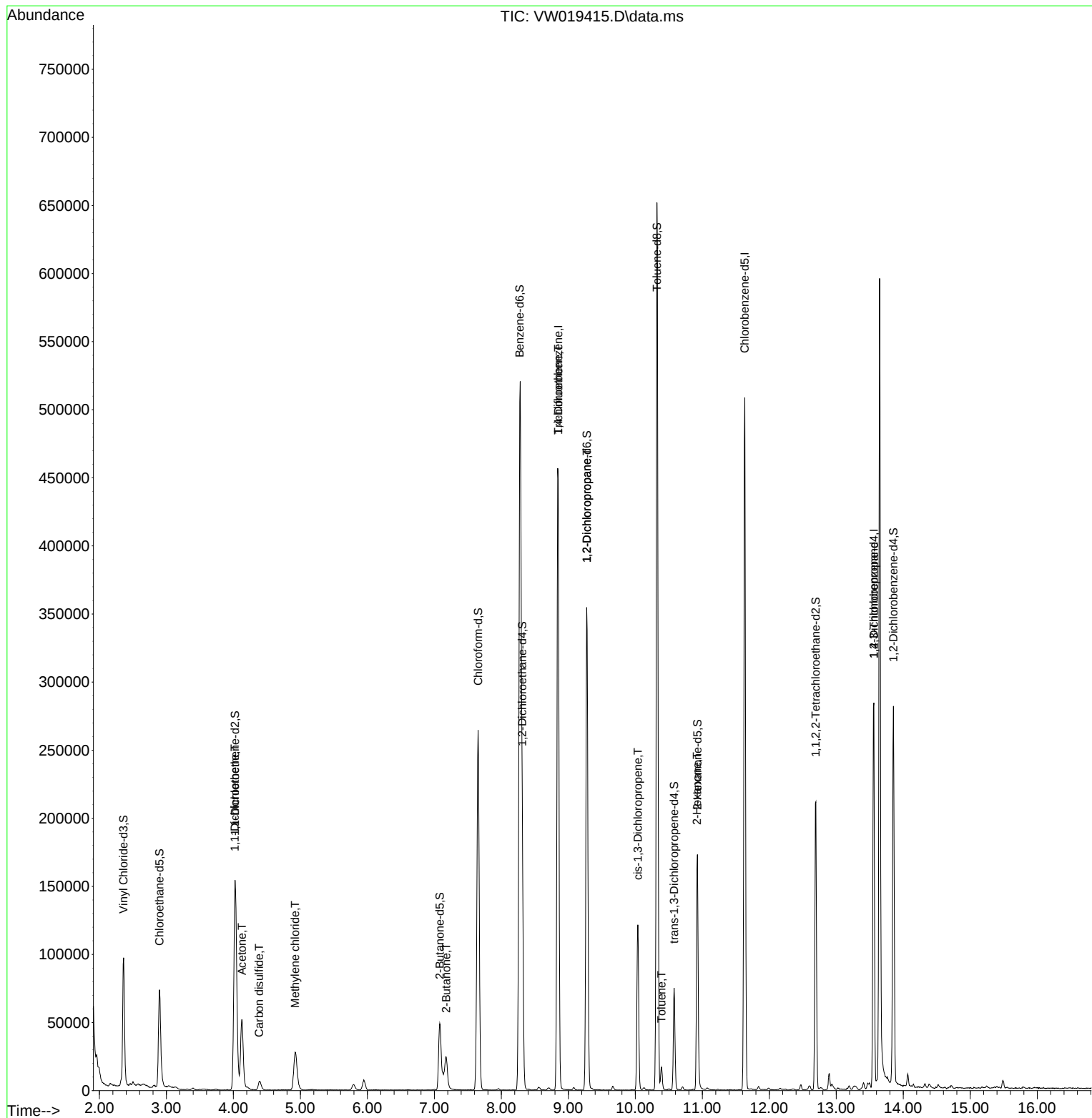
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 388299   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 285498   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 75112    | 25.000   | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 106751   | 19.403   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 77.600%   |
| 7) Chloroethane-d5            | 2.898  | 69    | 96843    | 24.684   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 98.720%   |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63    | 171601   | 16.165   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 64.680%   |
| 21) 2-Butanone-d5             | 7.080  | 46    | 83258    | 52.140   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 104.280%  |
| 24) Chloroform-d              | 7.653  | 84    | 272422   | 25.391   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 101.560%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 146686   | 24.913   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 99.640%   |
| 32) Benzene-d6                | 8.275  | 84    | 548370   | 32.267   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 129.080%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 174456   | 32.935   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 131.760%# |
| 41) Toluene-d8                | 10.323 | 98    | 427086   | 27.873   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 111.480%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 43390    | 19.128   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 76.520%   |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 59821    | 60.874   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 121.740%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 110258   | 25.761   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 103.040%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 72288    | 27.277   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 109.120%  |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          |        | Qvalue    |
| 12) 1,1-Dichloroethene        | 4.019  | 96    | 1403     | 0.277    | ug/L # | 1         |
| 13) Acetone                   | 4.129  | 43    | 91667    | 77.907   | ug/L   | 88        |
| 14) Carbon disulfide          | 4.385  | 76    | 14635    | 0.902    | ug/L   | 97        |
| 16) Methylene chloride        | 4.922  | 84    | 24514    | 3.167    | ug/L   | 99        |
| 22) 2-Butanone                | 7.177  | 43    | 38946    | 21.391   | ug/L   | 93        |
| 34) Trichloroethene           | 8.848  | 95    | 12207    | 2.676    | ug/L # | 5         |
| 37) 1,2-Dichloropropane       | 9.274  | 63    | 18772    | 4.145    | ug/L # | 86        |
| 39) cis-1,3-Dichloropropene   | 10.037 | 75    | 2920     | 0.422    | ug/L # | 74        |
| 42) Toluene                   | 10.390 | 91    | 11832    | 0.635    | ug/L   | 87        |
| 48) 2-Hexanone                | 10.920 | 43    | 7562     | 3.884    | ug/L # | 69        |
| 61) 1,2,3-Trichloropropane    | 13.560 | 75    | 9298     | 5.651    | ug/L # | 65        |
| -----                         |        |       |          |          |        |           |

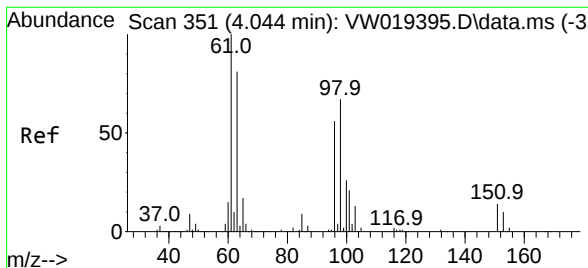
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0  
QLast Update : Sat Jul 10 00:58:28 2021  
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.277 ug/L

RT: 4.019 min Scan# 347

Delta R.T. -0.024 min

Lab File: VW019415.D

Acq: 09 Jul 2021 22:25

Tgt Ion: 96 Resp: 1403

Ion Ratio Lower Upper

96 100

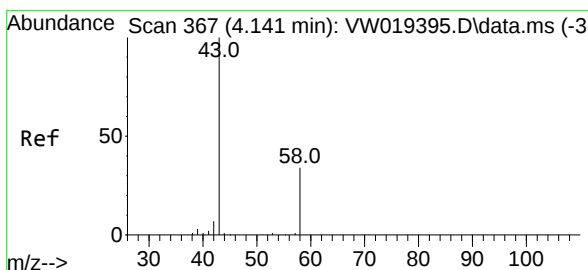
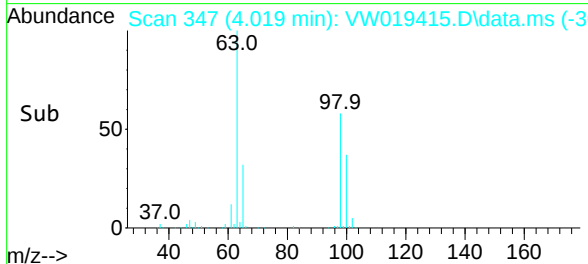
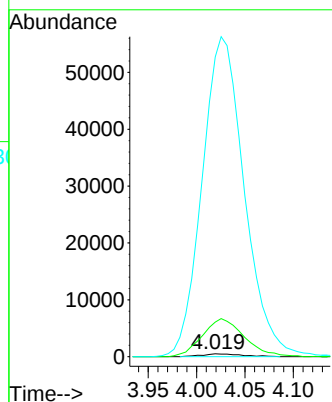
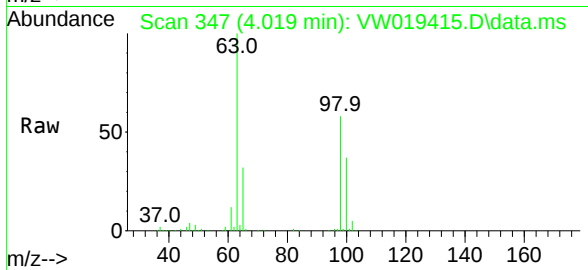
61 1227.9 118.1 219.3#

63 10670.4 83.7 155.5#

Instrument :

MSVOA\_W

ClientSampled :



#13

Acetone

Concen: 77.907 ug/L

RT: 4.129 min Scan# 365

Delta R.T. -0.012 min

Lab File: VW019415.D

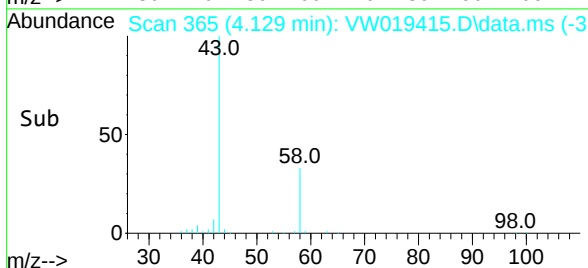
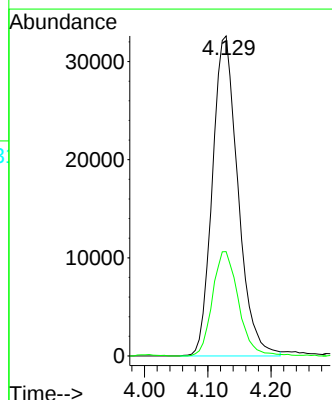
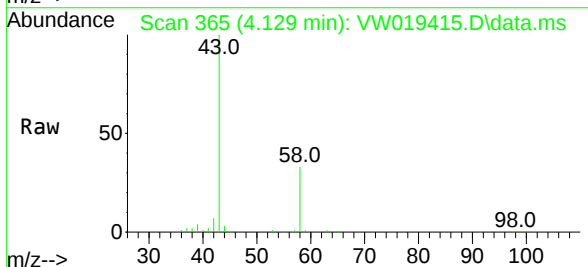
Acq: 09 Jul 2021 22:25

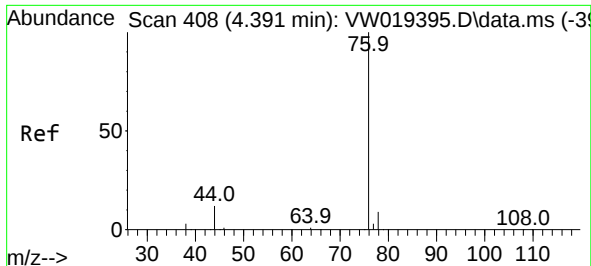
Tgt Ion: 43 Resp: 91667

Ion Ratio Lower Upper

43 100

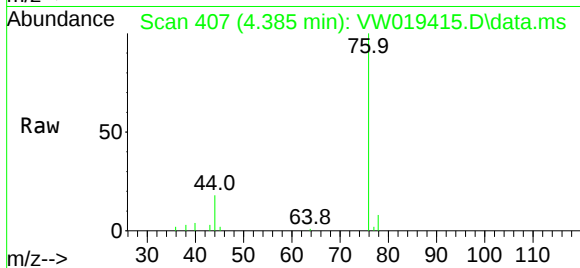
58 33.0 0.0 53.8



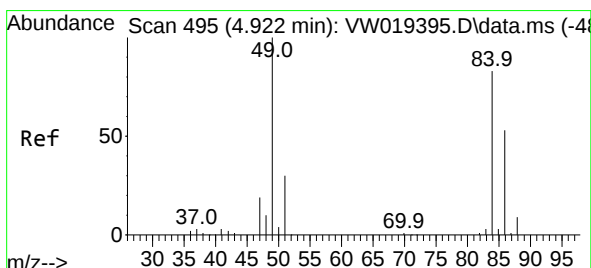
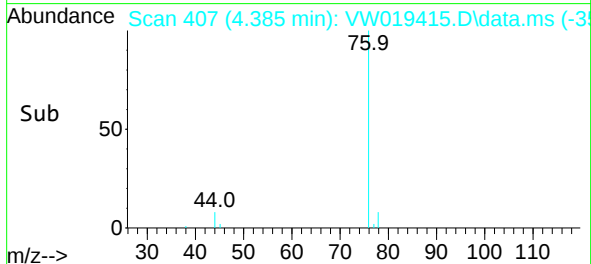
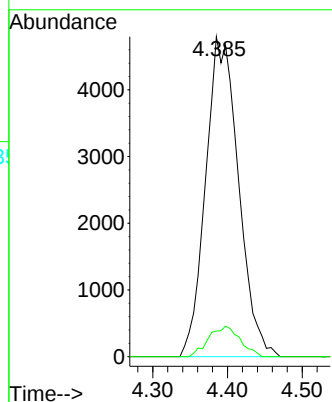


#14  
Carbon disulfide  
Concen: 0.902 ug/L  
RT: 4.385 min Scan# 407  
Delta R.T. -0.006 min  
Lab File: VW019415.D  
Acq: 09 Jul 2021 22:25

Instrument :  
MSVOA\_W  
ClientSampled :

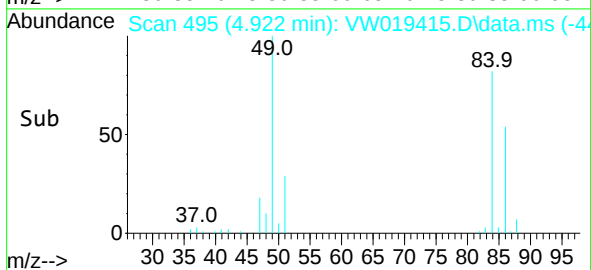
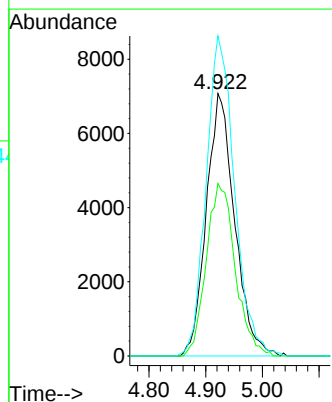
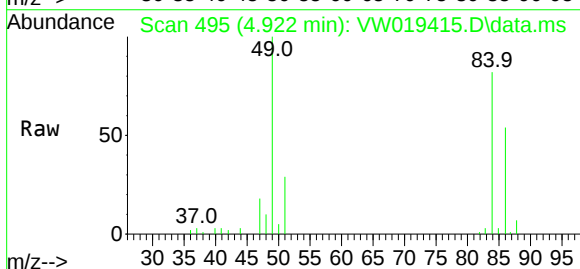


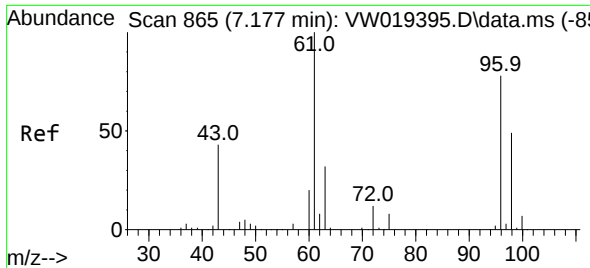
Tgt Ion: 76 Resp: 14635  
Ion Ratio Lower Upper  
76 100  
78 8.0 7.4 11.0



#16  
Methylene chloride  
Concen: 3.167 ug/L  
RT: 4.922 min Scan# 495  
Delta R.T. 0.000 min  
Lab File: VW019415.D  
Acq: 09 Jul 2021 22:25

Tgt Ion: 84 Resp: 24514  
Ion Ratio Lower Upper  
84 100  
86 65.7 45.3 84.1  
49 122.0 86.6 160.8

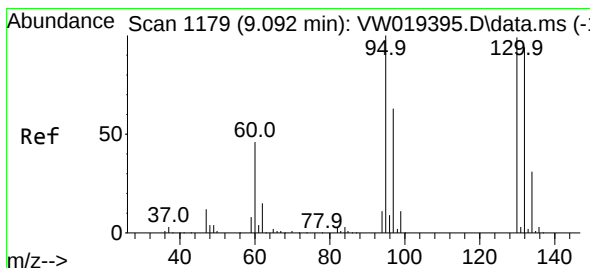
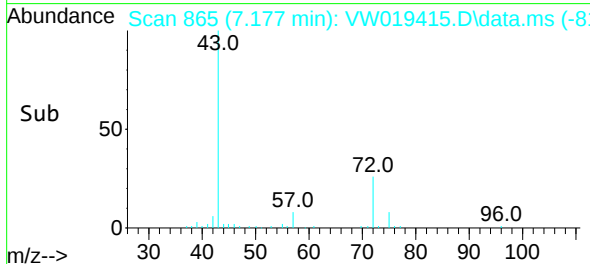
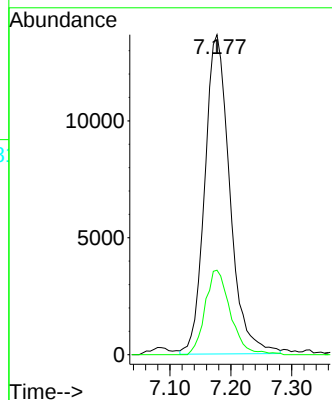
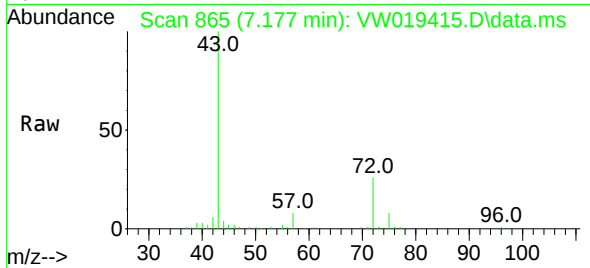




#22  
2-Butanone  
Concen: 21.391 ug/L  
RT: 7.177 min Scan# 865  
Delta R.T. 0.000 min  
Lab File: VW019415.D  
Acq: 09 Jul 2021 22:25

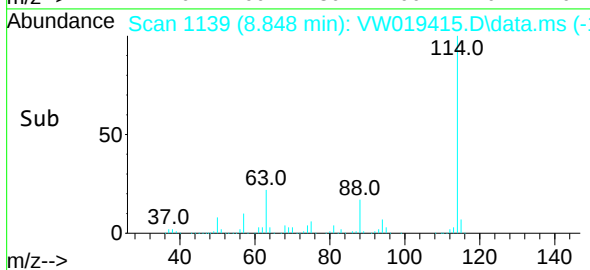
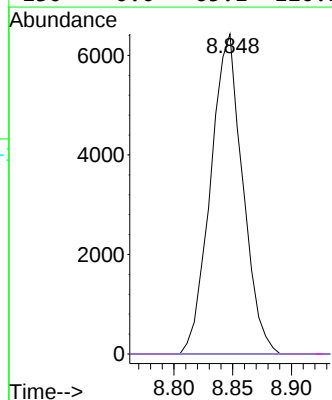
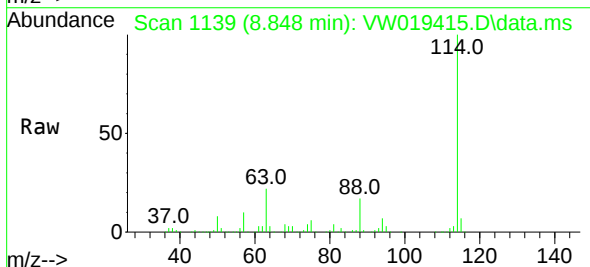
Instrument :  
MSVOA\_W  
ClientSampled :

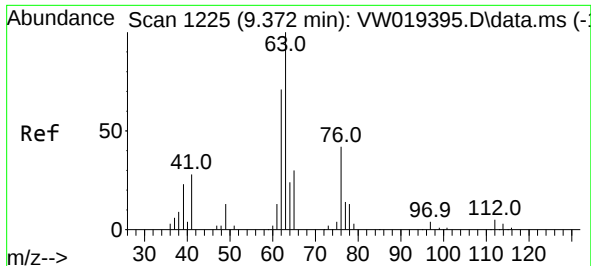
Tgt Ion: 43 Resp: 38946  
Ion Ratio Lower Upper  
43 100  
72 26.2 14.9 44.7



#34  
Trichloroethene  
Concen: 2.676 ug/L  
RT: 8.848 min Scan# 1139  
Delta R.T. -0.244 min  
Lab File: VW019415.D  
Acq: 09 Jul 2021 22:25

Tgt Ion: 95 Resp: 12207  
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#

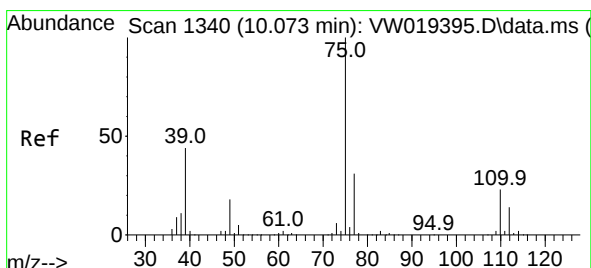
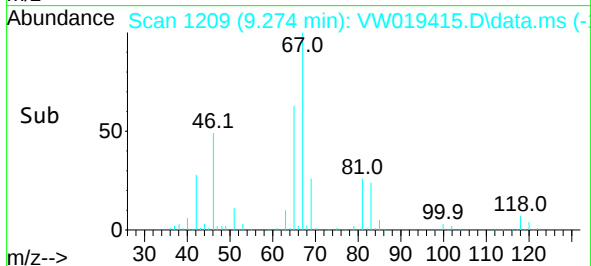
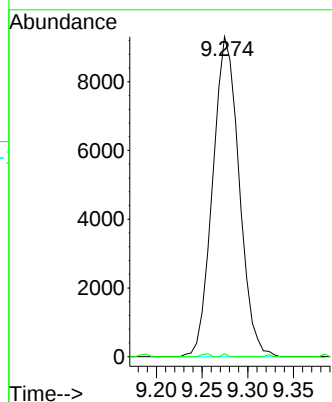
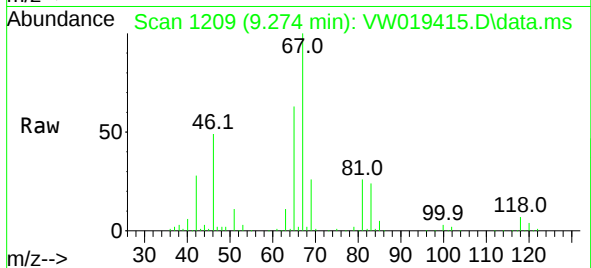




#37  
1,2-Dichloropropane  
Concen: 4.145 ug/L  
RT: 9.274 min Scan# 1209  
Delta R.T. -0.098 min  
Lab File: VW019415.D  
Acq: 09 Jul 2021 22:25

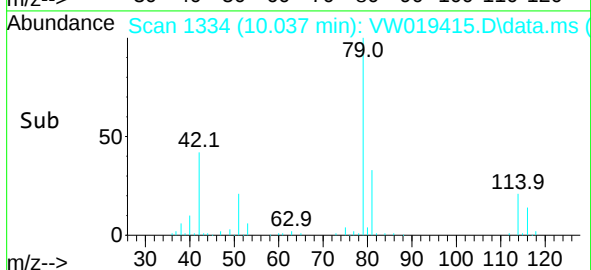
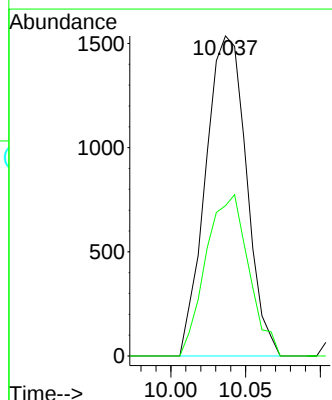
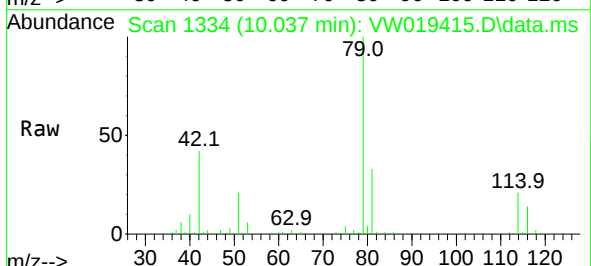
Instrument :  
MSVOA\_W  
ClientSampled :

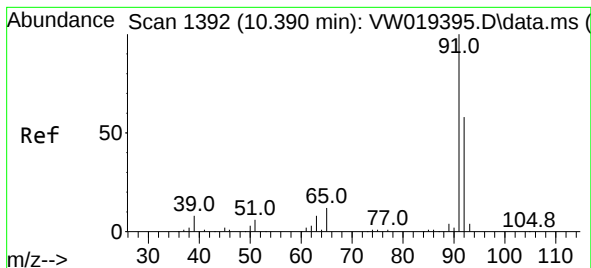
Tgt Ion: 63 Resp: 18772  
Ion Ratio Lower Upper  
63 100  
112 0.3 3.9 5.9#



#39  
cis-1,3-Dichloropropene  
Concen: 0.422 ug/L  
RT: 10.037 min Scan# 1334  
Delta R.T. -0.037 min  
Lab File: VW019415.D  
Acq: 09 Jul 2021 22:25

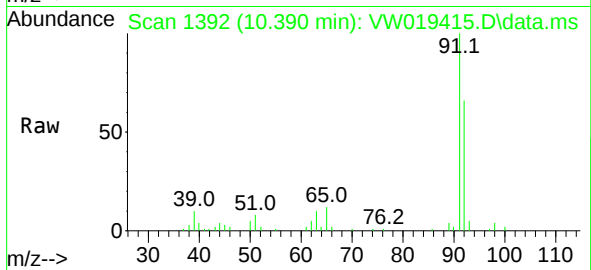
Tgt Ion: 75 Resp: 2920  
Ion Ratio Lower Upper  
75 100  
77 46.9 22.6 42.0#



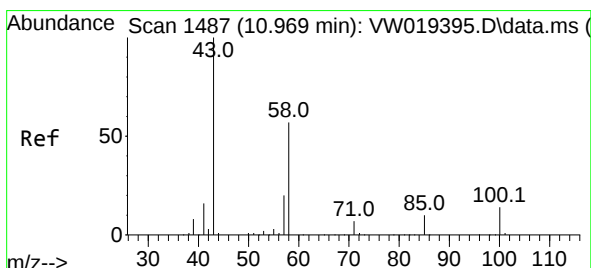
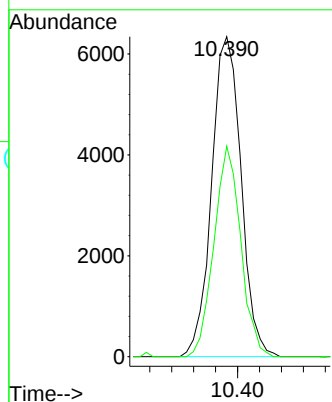
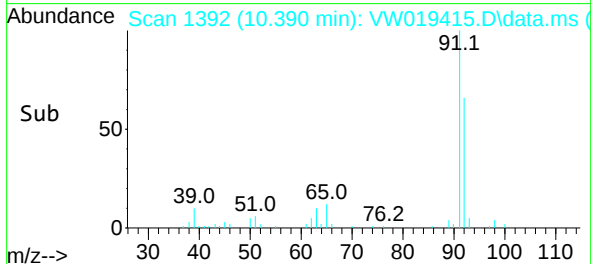


#42  
Toluene  
Concen: 0.635 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: VW019415.D  
Acq: 09 Jul 2021 22:25

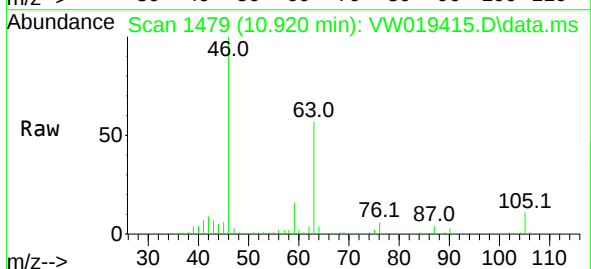
Instrument :  
MSVOA\_W  
ClientSampled :



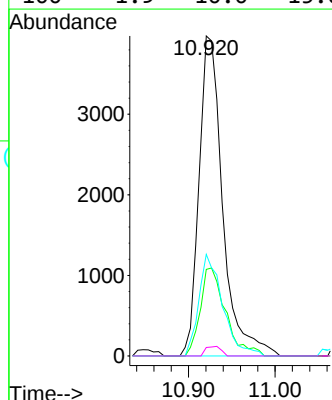
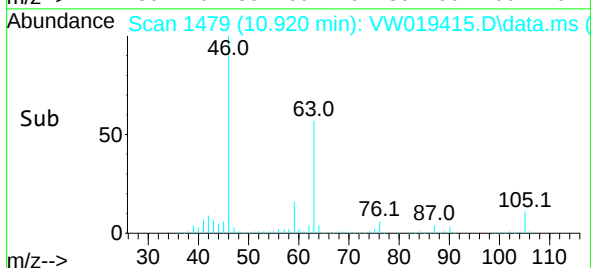
Tgt Ion: 91 Resp: 11832  
Ion Ratio Lower Upper  
91 100  
92 65.7 39.5 73.3

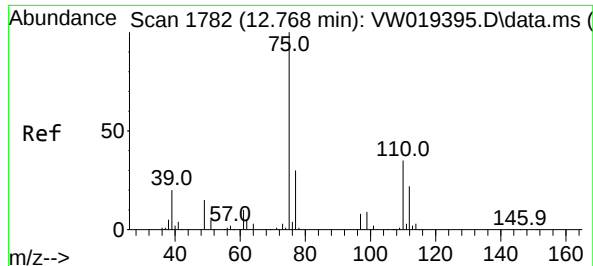


#48  
2-Hexanone  
Concen: 3.884 ug/L  
RT: 10.920 min Scan# 1479  
Delta R.T. -0.049 min  
Lab File: VW019415.D  
Acq: 09 Jul 2021 22:25



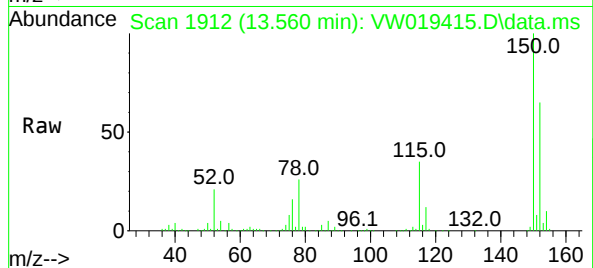
Tgt Ion: 43 Resp: 7562  
Ion Ratio Lower Upper  
43 100  
58 29.4 42.7 64.1#  
57 32.0 15.8 23.8#  
100 1.9 10.0 15.0#





#61  
 1,2,3-Trichloropropane  
 Concen: 5.651 ug/L  
 RT: 13.560 min Scan# 1912  
 Delta R.T. 0.793 min  
 Lab File: VW019415.D  
 Acq: 09 Jul 2021 22:25

Instrument :  
 MSVOA\_W  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 9298  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 31.7  | 25.3  | 37.9  |
| 110      | 2.1   | 32.6  | 48.8# |

