

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW020521\  
 Data File : VW018031.D  
 Acq On : 05 Feb 2021 13:44  
 Operator : SY/VA  
 Sample : M1310-12  
 Misc : 3.53G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0A39

Quant Time: Feb 06 01:07:10 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Feb 06 01:06:17 2021  
 Response via : Initial Calibration

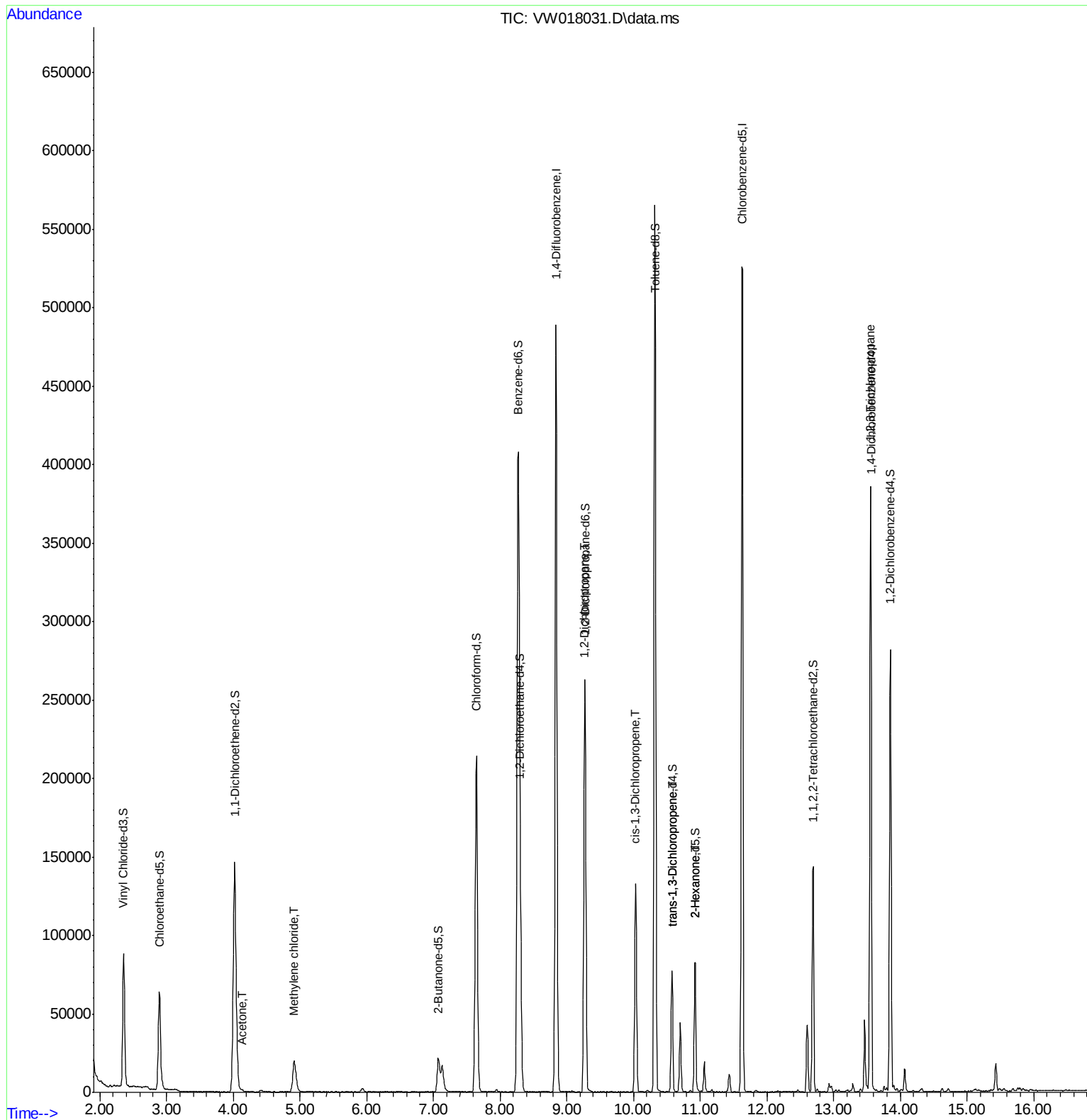
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.841  | 114   | 436955   | 25.00    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 315549   | 25.00    | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 107685   | 25.00    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 103833   | 19.12    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 76.48%   |
| 7) Chloroethane-d5            | 2.891  | 69    | 84788    | 19.67    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 78.68%   |
| 10) 1,1-Dichloroethene-d2     | 4.019  | 63    | 157305   | 14.49    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 57.96%   |
| 20) 2-Butanone-d5             | 7.080  | 46    | 38718    | 26.72    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 53.44%   |
| 24) Chloroform-d              | 7.647  | 84    | 223867   | 19.52    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 78.08%   |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 109761   | 17.97    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 71.88%   |
| 29) Benzene-d6                | 8.268  | 84    | 436976   | 25.22    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 100.88%  |
| 33) 1,2-Dichloropropane-d6    | 9.274  | 67    | 122529   | 25.29    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 101.16%  |
| 37) Toluene-d8                | 10.323 | 98    | 377424   | 22.89    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 91.56%   |
| 38) trans-1,3-Dichloroprop... | 10.579 | 79    | 44176    | 20.11    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 80.44%   |
| 39) 2-Hexanone-d5             | 10.920 | 63    | 29853    | 32.22    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 64.44%   |
| 48) 1,1,2,2-Tetrachloroeth... | 12.694 | 84    | 71063    | 16.69    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 66.76%   |
| 61) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 77083    | 20.07    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 80.28%   |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 13) Acetone                   | 4.135  | 43    | 2351     | 2.19     | ug/L   | 93       |
| 16) Methylene chloride        | 4.915  | 84    | 17454    | 2.49     | ug/L   | 93       |
| 40) 1,2-Dichloropropane       | 9.268  | 63    | 13923    | 3.29     | ug/L # | 84       |
| 42) cis-1,3-Dichloropropene   | 10.030 | 75    | 3378     | 0.50     | ug/L # | 57       |
| 45) trans-1,3-Dichloropropene | 10.579 | 75    | 1980     | 0.33     | ug/L # | 73       |
| 49) 2-Hexanone                | 10.920 | 43    | 3490     | 1.91     | ug/L # | 62       |
| 59) 1,2,3-Trichloropropane    | 13.554 | 75    | 11163    | 3.45     | ug/L   | 100      |
| -----                         |        |       |          |          |        |          |

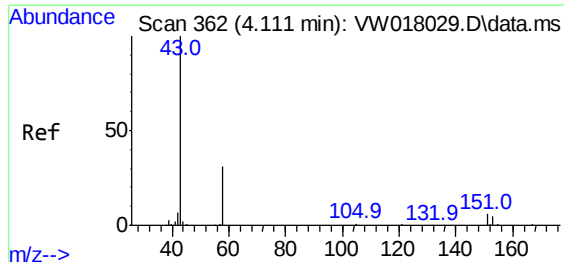
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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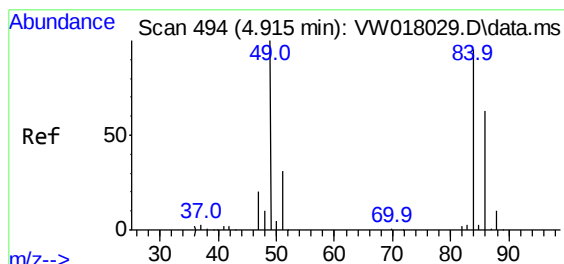
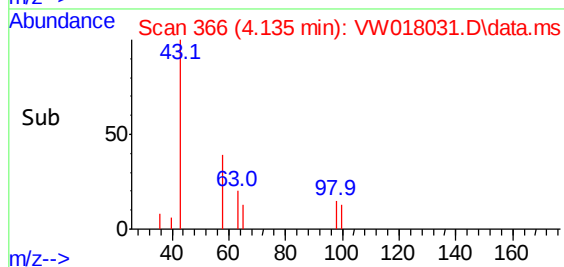
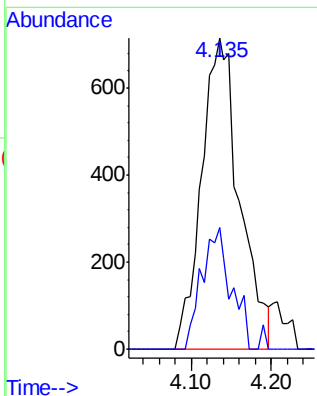
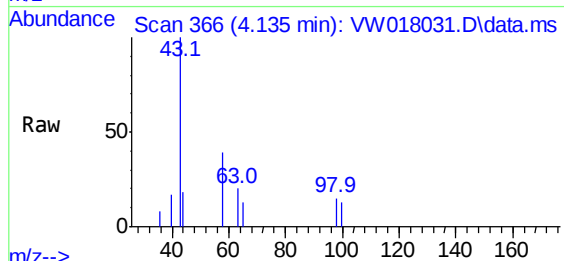




#13  
Acetone  
Concen: 2.19 ug/L  
RT: 4.135 min Scan# 366  
Delta R.T. 0.024 min  
Lab File: VW018031.D  
Acq: 05 Feb 2021 13:44

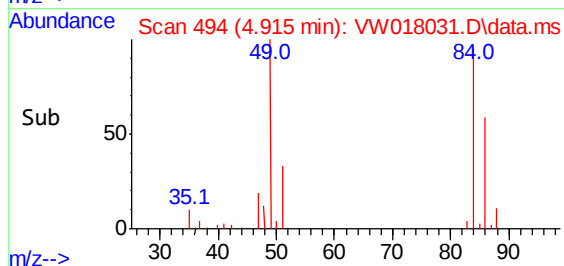
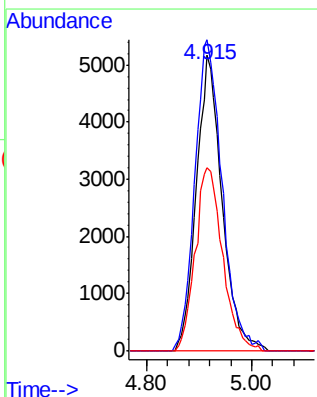
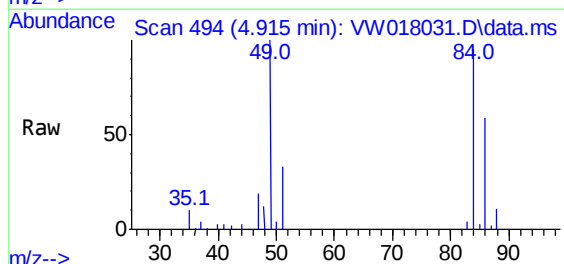
Instrument :  
MSVOA\_W  
ClientSampled :  
C0A39

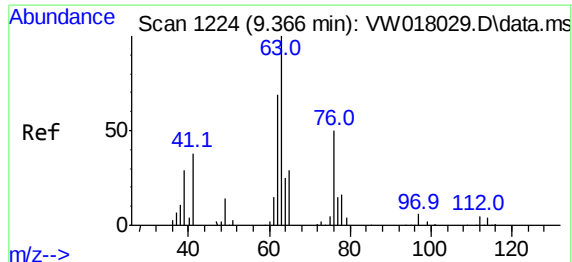
Tgt Ion: 43 Resp: 2351  
Ion Ratio Lower Upper  
43 100  
58 30.2 0.0 68.4



#16  
Methylene chloride  
Concen: 2.49 ug/L  
RT: 4.915 min Scan# 494  
Delta R.T. 0.000 min  
Lab File: VW018031.D  
Acq: 05 Feb 2021 13:44

Tgt Ion: 84 Resp: 17454  
Ion Ratio Lower Upper  
84 100  
49 105.4 81.2 150.8  
86 61.8 44.5 82.7

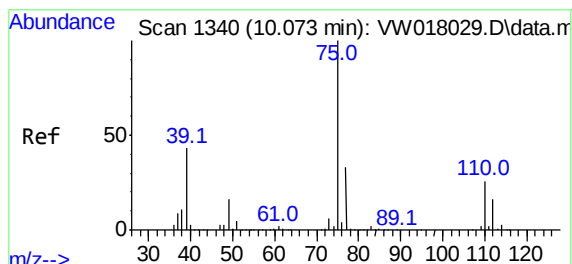
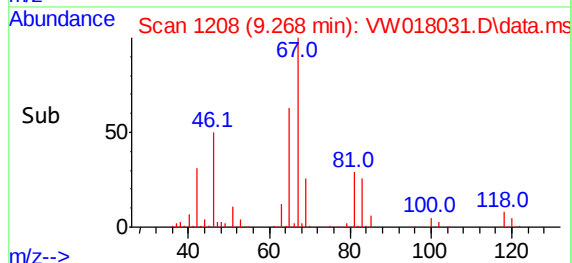
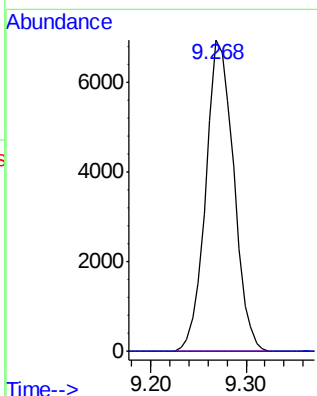
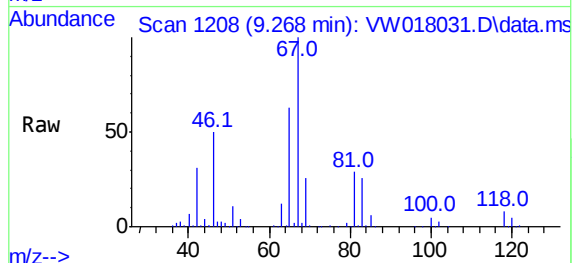




#40  
1,2-Dichloropropane  
Concen: 3.29 ug/L  
RT: 9.268 min Scan# 1208  
Delta R.T. -0.098 min  
Lab File: VW018031.D  
Acq: 05 Feb 2021 13:44

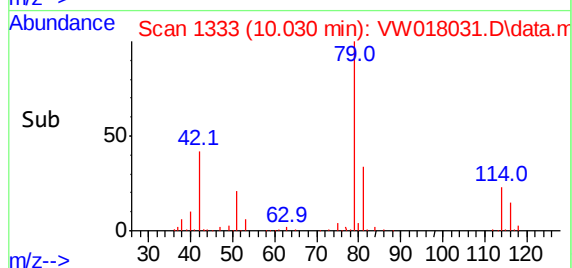
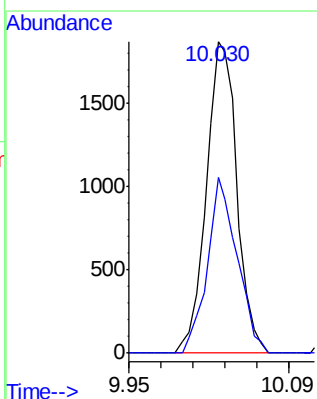
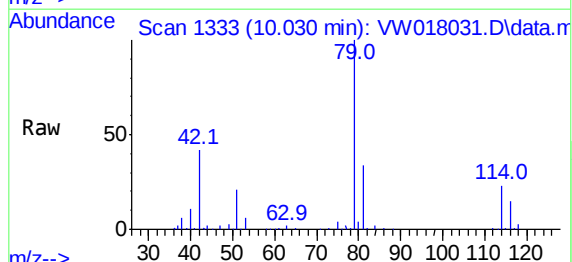
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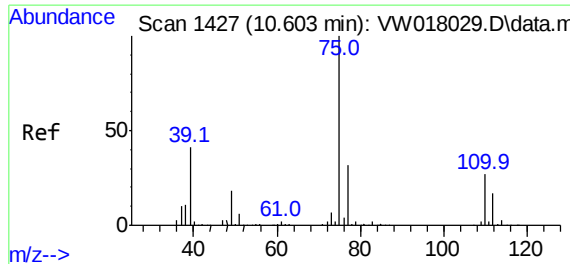
Tgt Ion: 63 Resp: 13923  
Ion Ratio Lower Upper  
63 100  
112 0.0 4.2 6.4#



#42  
cis-1,3-Dichloropropene  
Concen: 0.50 ug/L  
RT: 10.030 min Scan# 1333  
Delta R.T. -0.043 min  
Lab File: VW018031.D  
Acq: 05 Feb 2021 13:44

Tgt Ion: 75 Resp: 3378  
Ion Ratio Lower Upper  
75 100  
77 56.4 22.7 42.3#

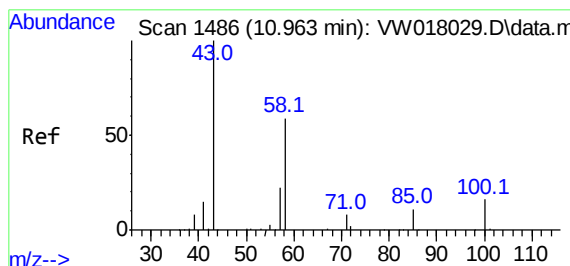
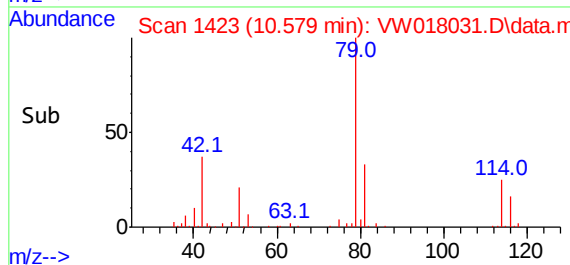
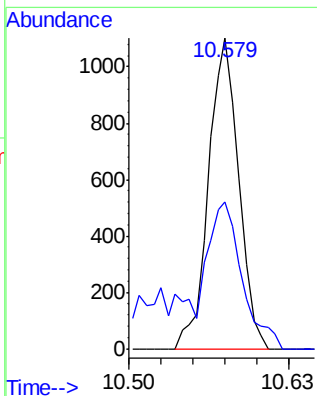
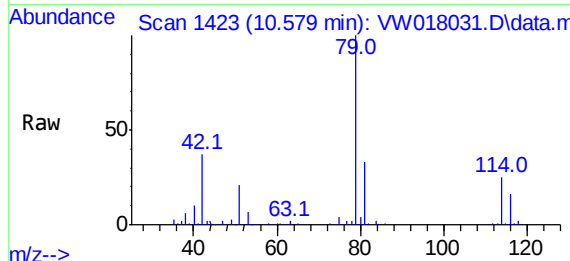




#45  
trans-1,3-Dichloropropene  
Concen: 0.33 ug/L  
RT: 10.579 min Scan# 1423  
Delta R.T. -0.024 min  
Lab File: VW018031.D  
Acq: 05 Feb 2021 13:44

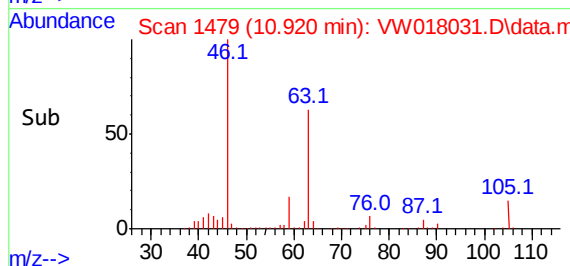
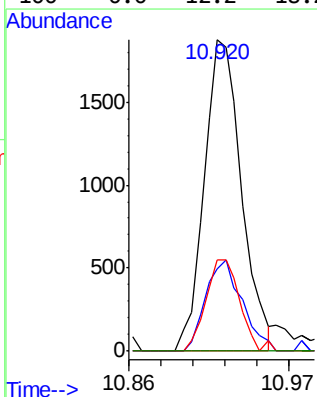
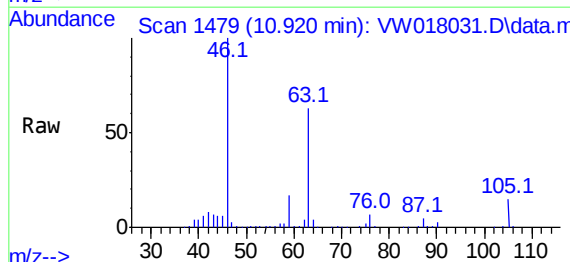
Instrument :  
MSVOA\_W  
ClientSampled :  
C0A39

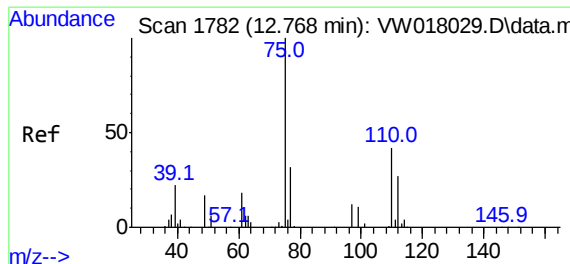
Tgt Ion: 75 Resp: 1980  
Ion Ratio Lower Upper  
75 100  
77 47.5 22.6 42.0#



#49  
2-Hexanone  
Concen: 1.91 ug/L  
RT: 10.920 min Scan# 1479  
Delta R.T. -0.043 min  
Lab File: VW018031.D  
Acq: 05 Feb 2021 13:44

Tgt Ion: 43 Resp: 3490  
Ion Ratio Lower Upper  
43 100  
58 28.5 51.3 76.9#  
57 26.1 15.0 22.6#  
100 0.0 12.2 18.2#





#59  
1,2,3-Trichloropropane  
Concen: 3.45 ug/L  
RT: 13.554 min Scan# 1911  
Delta R.T. 0.786 min  
Lab File: VW018031.D  
Acq: 05 Feb 2021 13:44

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0A39

Tgt Ion: 75 Resp: 11163  
Ion Ratio Lower Upper  
75 100  
77 33.3 26.6 39.8

