

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101521\  
 Data File : VW020539.D  
 Acq On : 15 Oct 2021 17:23  
 Operator : SY/VA  
 Sample : M4210-20  
 Misc : 4.83g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Oct 16 06:57:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Oct 16 06:56:08 2021  
 Response via : Initial Calibration

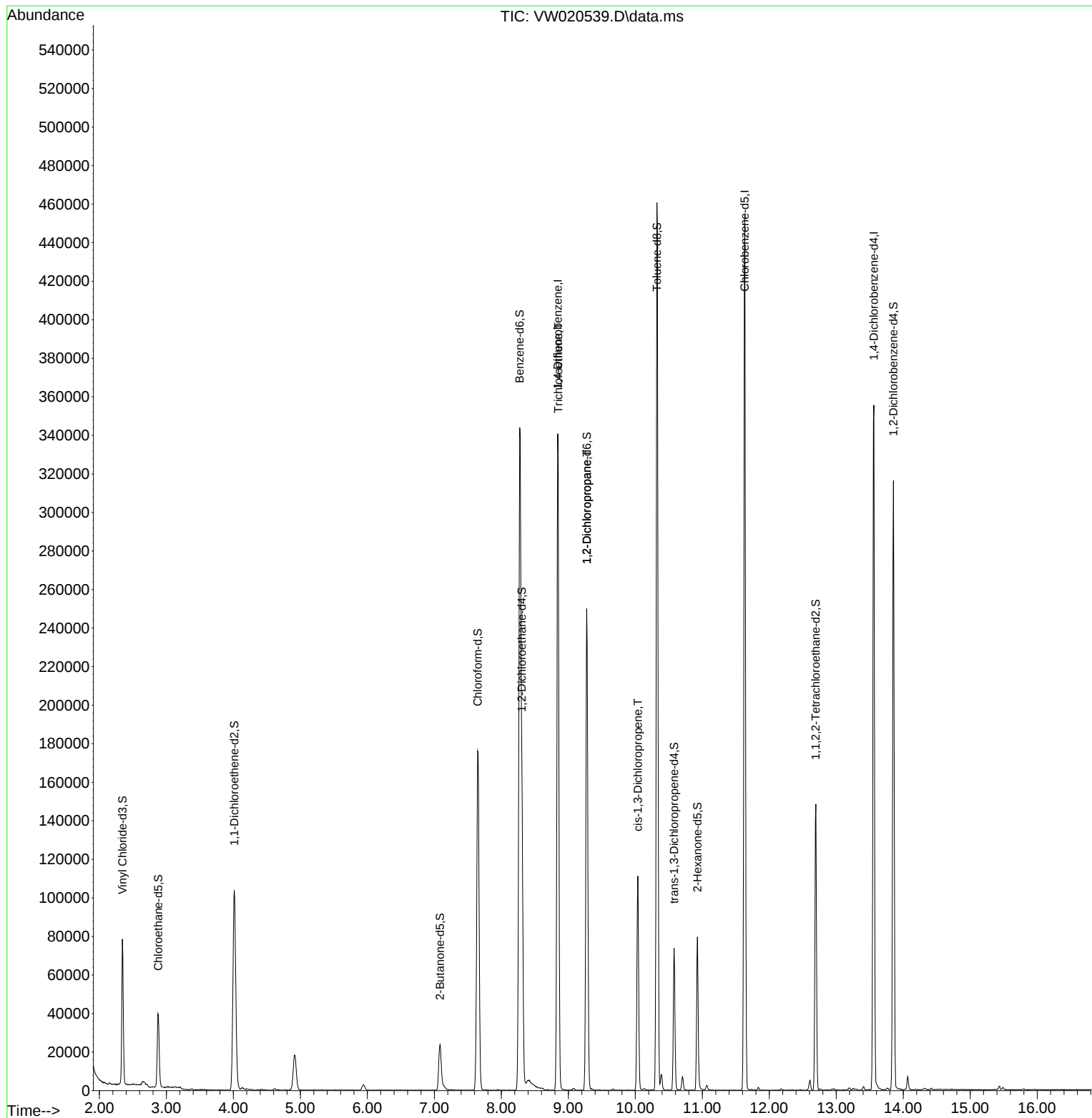
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 257387   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 230232   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 86894    | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.343  | 65    | 69767    | 18.628   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 74.520%  |
| 7) Chloroethane-d5            | 2.879  | 69    | 40345    | 20.393   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 81.560%  |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 107599   | 14.021   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 56.080%  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 42459    | 37.251   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 74.500%  |
| 24) Chloroform-d              | 7.647  | 84    | 175738   | 21.420   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 85.680%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 102020   | 21.772   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 87.080%  |
| 32) Benzene-d6                | 8.275  | 84    | 331203   | 21.870   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 87.480%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 111283   | 22.546   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 90.200%  |
| 41) Toluene-d8                | 10.323 | 98    | 291161   | 21.427   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 85.720%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 38707    | 19.298   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 77.200%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 23984    | 31.588   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 63.180%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 73533    | 19.710   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 78.840%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 75304    | 22.154   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 88.600%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 34) Trichloroethene           | 8.848  | 95    | 8417     | 2.083    | ug/L # | 8        |
| 37) 1,2-Dichloropropane       | 9.274  | 63    | 13089    | 3.082    | ug/L # | 87       |
| 39) cis-1,3-Dichloropropene   | 10.037 | 75    | 2874     | 0.491    | ug/L # | 72       |
| -----                         |        |       |          |          |        |          |

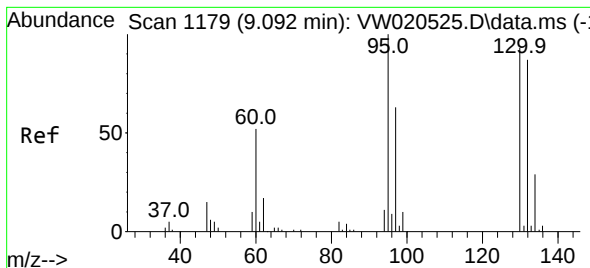
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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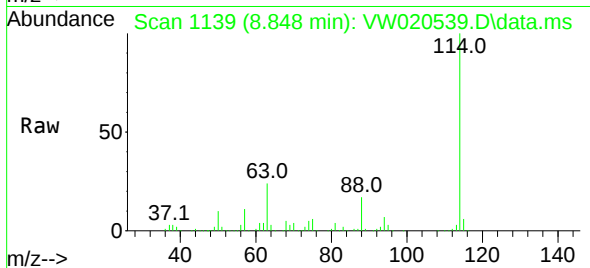
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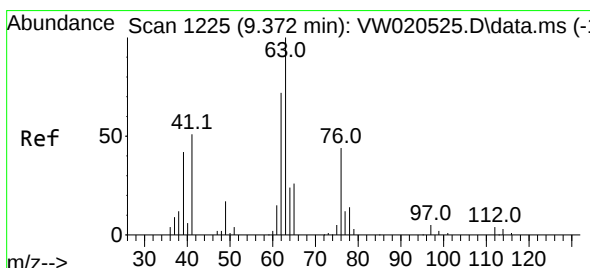
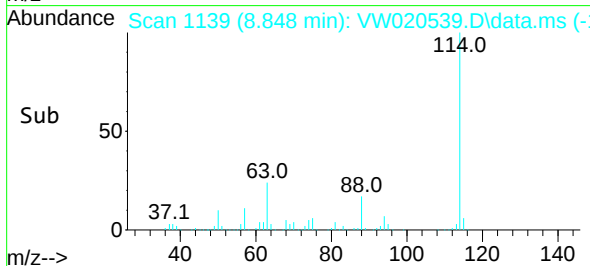
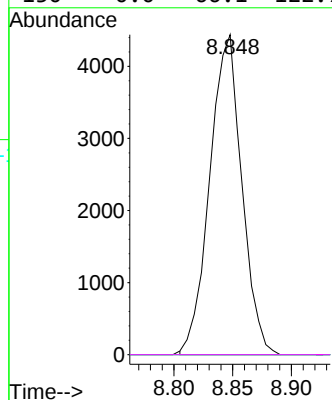


#34  
 Trichloroethene  
 Concen: 2.083 ug/L  
 RT: 8.848 min Scan# 1139  
 Delta R.T. -0.244 min  
 Lab File: VW020539.D  
 Acq: 15 Oct 2021 17:23

Instrument :  
 MSVOA\_W  
 ClientSampled :

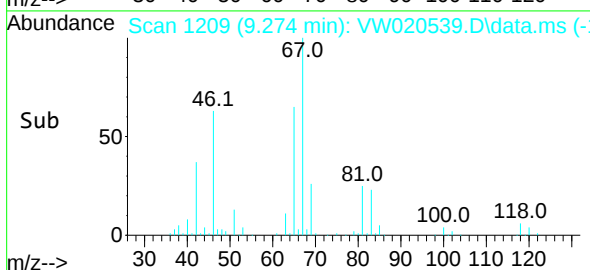
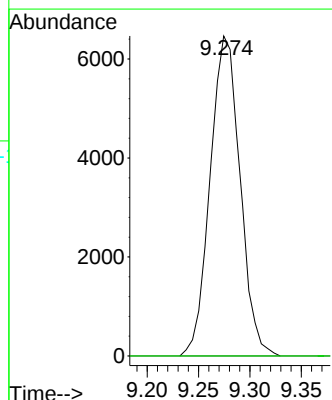
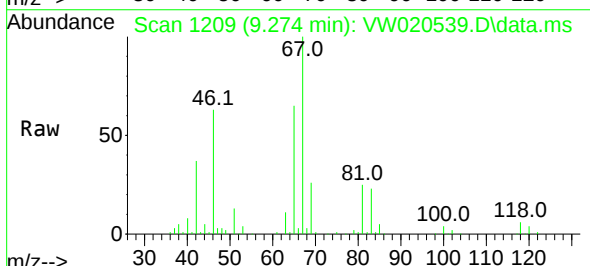


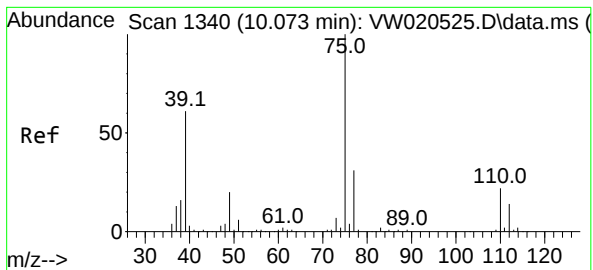
Tgt Ion: 95 Resp: 8417  
 Ion Ratio Lower Upper  
 95 100  
 97 0.0 43.2 80.2#  
 132 0.0 62.3 115.7#  
 130 0.0 66.1 122.7#



#37  
 1,2-Dichloropropane  
 Concen: 3.082 ug/L  
 RT: 9.274 min Scan# 1209  
 Delta R.T. -0.098 min  
 Lab File: VW020539.D  
 Acq: 15 Oct 2021 17:23

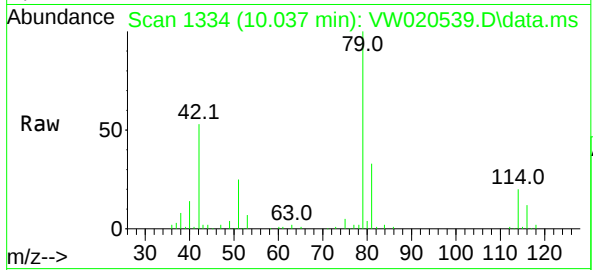
Tgt Ion: 63 Resp: 13089  
 Ion Ratio Lower Upper  
 63 100  
 112 0.0 3.5 5.3#





#39  
 cis-1,3-Dichloropropene  
 Concen: 0.491 ug/L  
 RT: 10.037 min Scan# 1334  
 Delta R.T. -0.037 min  
 Lab File: VW020539.D  
 Acq: 15 Oct 2021 17:23

Instrument :  
 MSVOA\_W  
 ClientSampleId :



Tgt Ion: 75 Resp: 2874  
 Ion Ratio Lower Upper  
 75 100  
 77 47.5 22.4 41.6#

