

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072221\  
 Data File : VW019554.D  
 Acq On : 22 Jul 2021 15:31  
 Operator : SY/VA  
 Sample : M3141-04  
 Misc : 5.30g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGEP4

Quant Time: Jul 23 01:50:25 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jul 23 01:46:10 2021  
 Response via : Initial Calibration

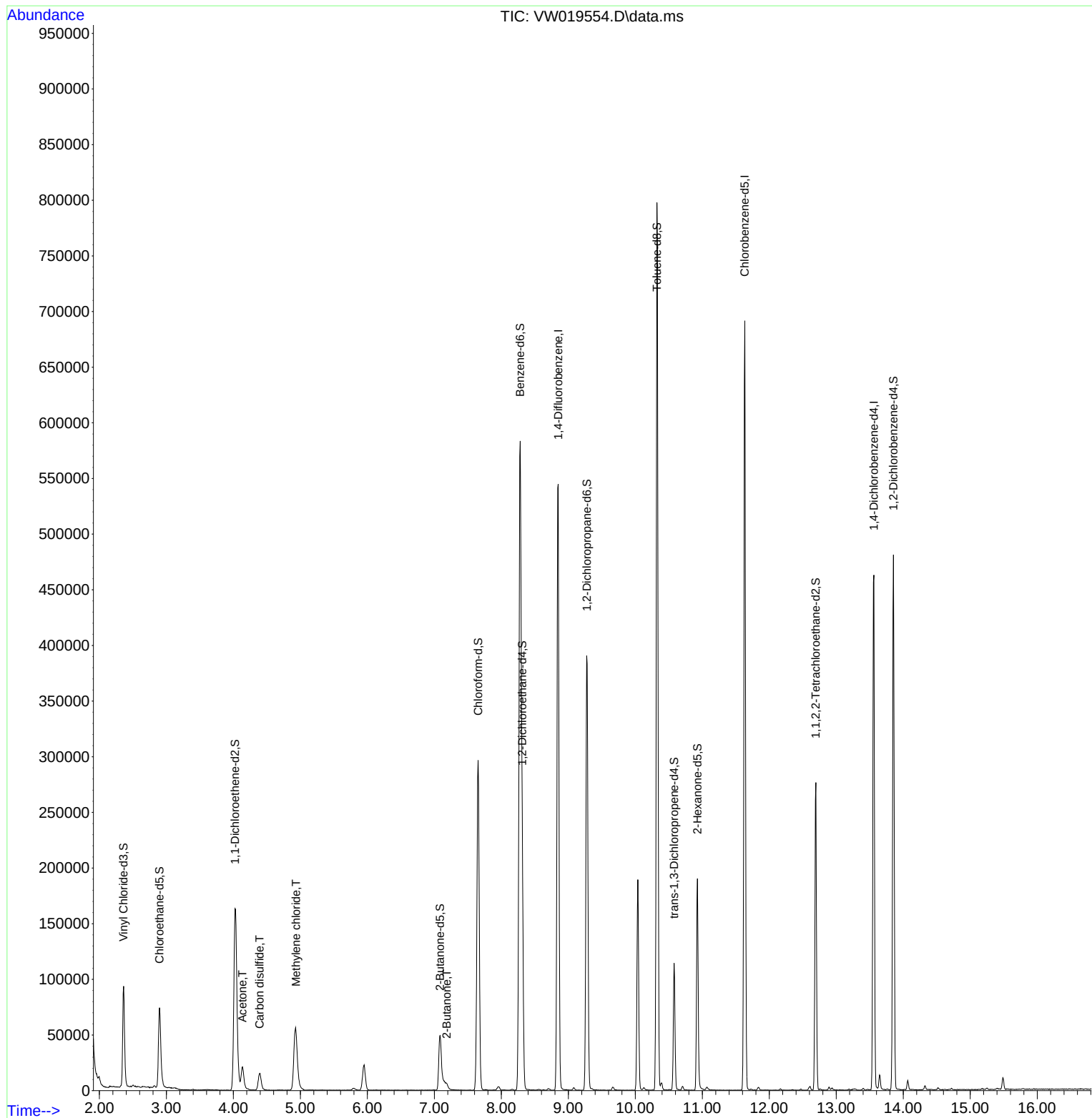
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 459185   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 380463   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 124328   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 108901   | 16.738   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 66.960%  |
| 7) Chloroethane-d5            | 2.898  | 69    | 99629    | 21.474   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 85.880%  |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63    | 192314   | 15.320   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 61.280%  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 86017    | 45.552   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 91.100%  |
| 24) Chloroform-d              | 7.653  | 84    | 307759   | 24.256   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 97.040%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 168459   | 24.195   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 96.760%  |
| 32) Benzene-d6                | 8.281  | 84    | 611255   | 26.990   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 107.960% |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 193067   | 27.351   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 109.400% |
| 41) Toluene-d8                | 10.323 | 98    | 525677   | 25.745   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 102.960% |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 64987    | 21.498   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 86.000%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 64994    | 49.629   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 99.260%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 138425   | 24.269   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 97.080%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 125236   | 28.550   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 114.200% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.135  | 43    | 37538    | 26.978   | ug/L   | 88       |
| 14) Carbon disulfide          | 4.391  | 76    | 36079    | 1.879    | ug/L   | 98       |
| 16) Methylene chloride        | 4.934  | 84    | 52439    | 5.728    | ug/L   | 93       |
| 22) 2-Butanone                | 7.183  | 43    | 8419     | 3.910    | ug/L   | 97       |
| -----                         |        |       |          |          |        |          |

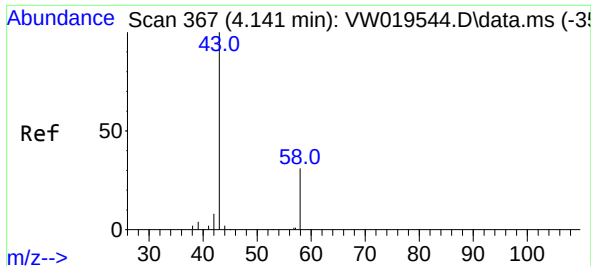
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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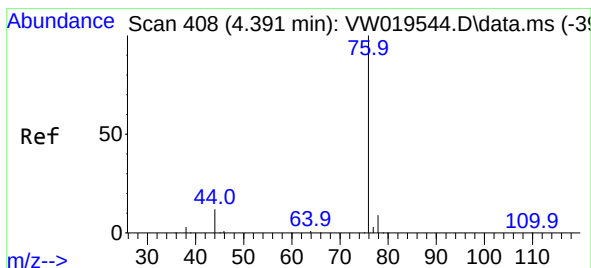
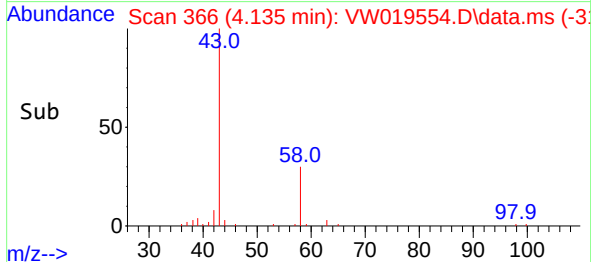
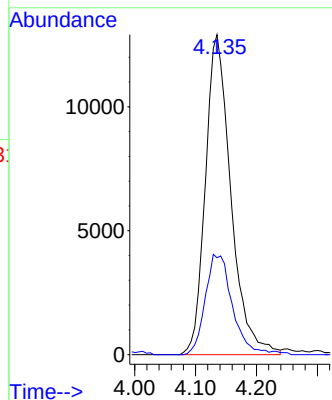
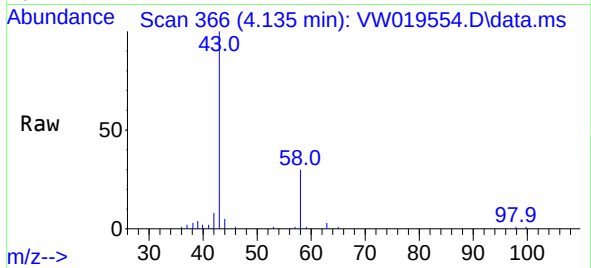




#13  
Acetone  
Concen: 26.978 ug/L  
RT: 4.135 min Scan# 366  
Delta R.T. -0.006 min  
Lab File: VW019554.D  
Acq: 22 Jul 2021 15:31

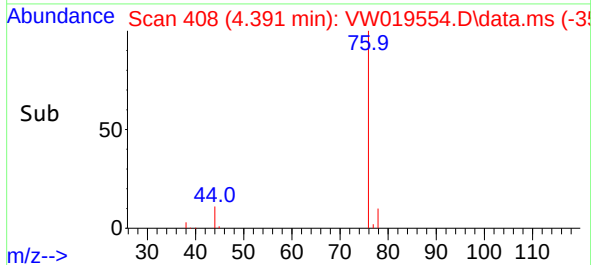
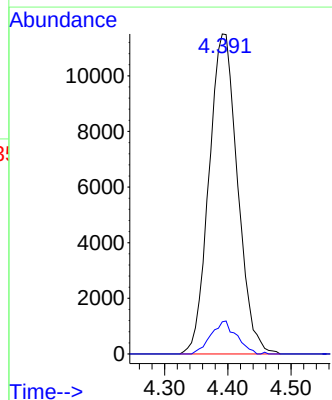
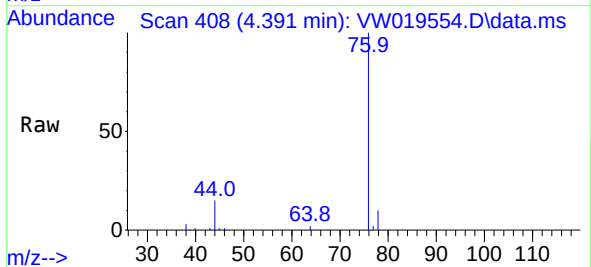
Instrument :  
MSVOA\_W  
ClientSampled :  
BGEP4

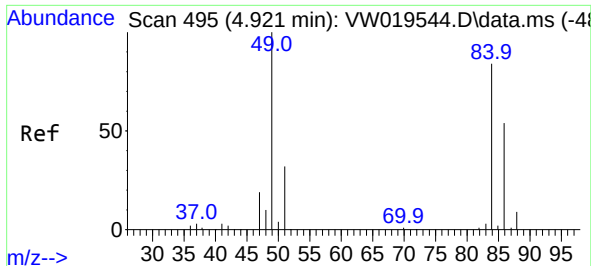
Tgt Ion: 43 Resp: 37538  
Ion Ratio Lower Upper  
43 100  
58 33.0 0.0 53.8



#14  
Carbon disulfide  
Concen: 1.879 ug/L  
RT: 4.391 min Scan# 408  
Delta R.T. 0.000 min  
Lab File: VW019554.D  
Acq: 22 Jul 2021 15:31

Tgt Ion: 76 Resp: 36079  
Ion Ratio Lower Upper  
76 100  
78 10.1 7.4 11.0

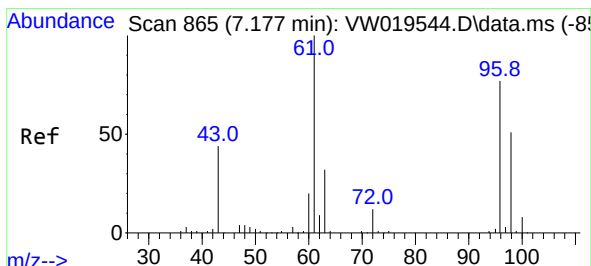
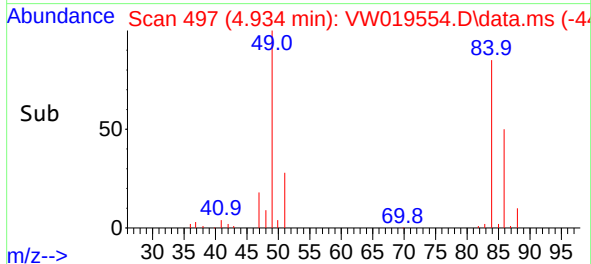
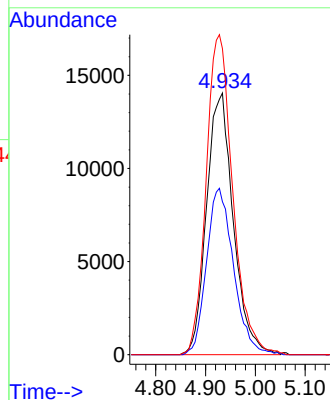
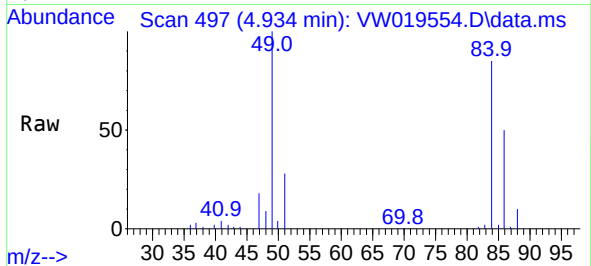




#16  
Methylene chloride  
Concen: 5.728 ug/L  
RT: 4.934 min Scan# 497  
Delta R.T. 0.013 min  
Lab File: VW019554.D  
Acq: 22 Jul 2021 15:31

Instrument :  
MSVOA\_W  
ClientSampleId :  
BGEP4

Tgt Ion: 84 Resp: 52439  
Ion Ratio Lower Upper  
84 100  
86 58.5 45.3 84.1  
49 117.1 86.6 160.8



#22  
2-Butanone  
Concen: 3.910 ug/L  
RT: 7.183 min Scan# 866  
Delta R.T. 0.006 min  
Lab File: VW019554.D  
Acq: 22 Jul 2021 15:31

Tgt Ion: 43 Resp: 8419  
Ion Ratio Lower Upper  
43 100  
72 28.0 14.9 44.7

