

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071922\  
 Data File : VW023874.D  
 Acq On : 19 Jul 2022 11:02  
 Operator : SY/VA  
 Sample : N3722-16  
 Misc : 6.73g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jul 20 01:18:26 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jul 20 01:17:09 2022  
 Response via : Initial Calibration

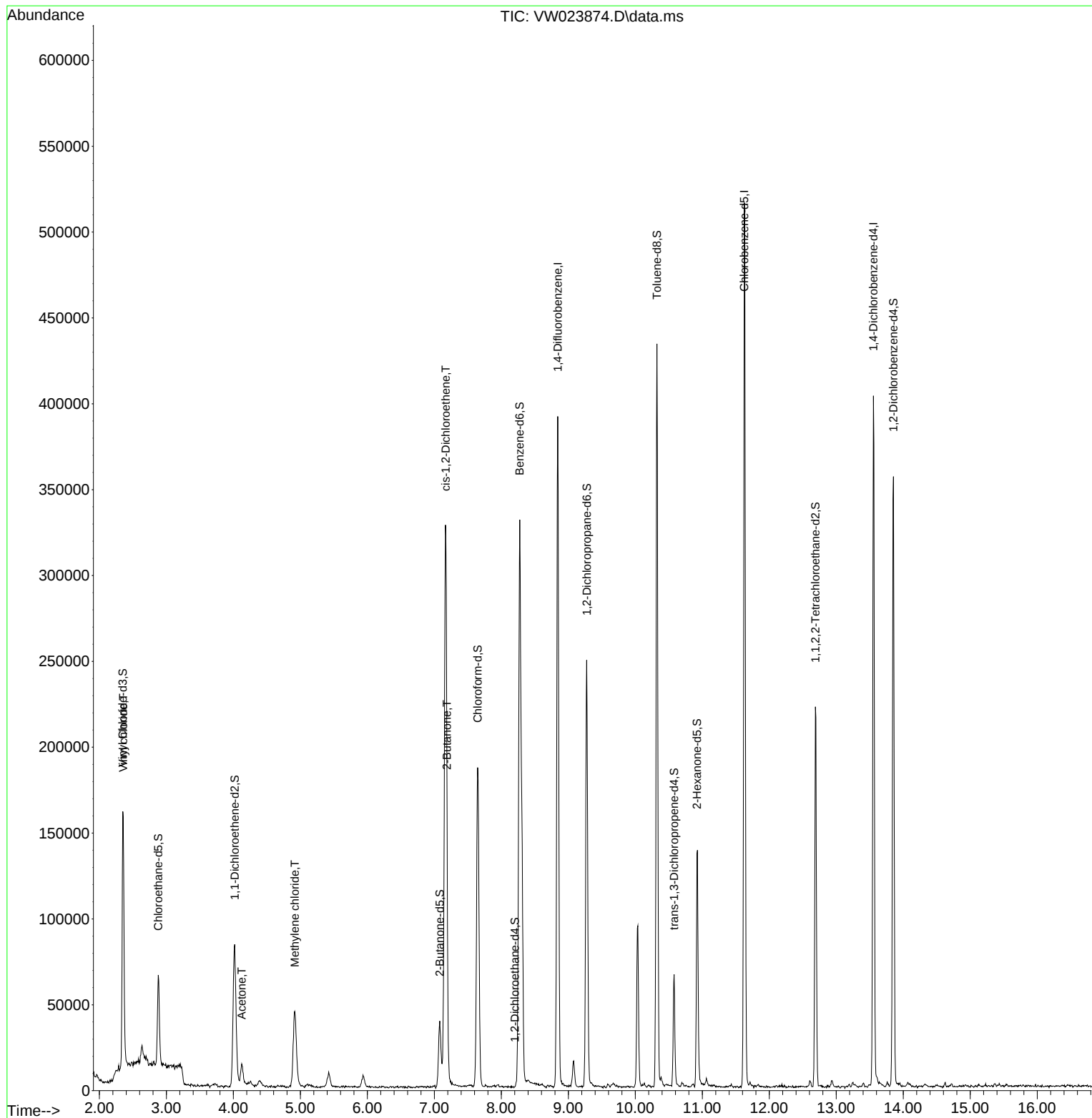
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 317313   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 282187   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 100774   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 82534    | 10.184   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 40.720%  |
| 7) Chloroethane-d5            | 2.879  | 69    | 60578    | 11.204   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 44.800%  |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 81021    | 12.277   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 49.120%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 60657    | 48.252   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 96.500%  |
| 24) Chloroform-d              | 7.647  | 84    | 188881   | 20.445   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 81.800%  |
| 26) 1,2-Dichloroethane-d4     | 8.202  | 65    | 158      | 0.028    | ug/L   | -0.10    |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 0.120%#  |
| 32) Benzene-d6                | 8.275  | 84    | 327552   | 22.330   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 89.320%  |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 110824   | 25.081   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 100.320% |
| 41) Toluene-d8                | 10.323 | 98    | 285392   | 19.181   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 76.720%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 34889    | 16.845   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 67.400%  |
| 47) 2-Hexanone-d5             | 10.921 | 63    | 45024    | 48.458   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 96.920%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 104048   | 21.308   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 85.240%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 91468    | 25.426   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 101.720% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 5) Vinyl chloride             | 2.355  | 62    | 85808    | 9.463    | ug/L   | 98       |
| 13) Acetone                   | 4.123  | 43    | 21331    | 24.000   | ug/L   | 99       |
| 16) Methylene chloride        | 4.916  | 84    | 36677    | 7.392    | ug/L   | 90       |
| 20) cis-1,2-Dichloroethene    | 7.171  | 96    | 198404   | 43.882   | ug/L # | 93       |
| 22) 2-Butanone                | 7.190  | 43    | 4900     | 3.355    | ug/L   | 87       |
| -----                         |        |       |          |          |        |          |

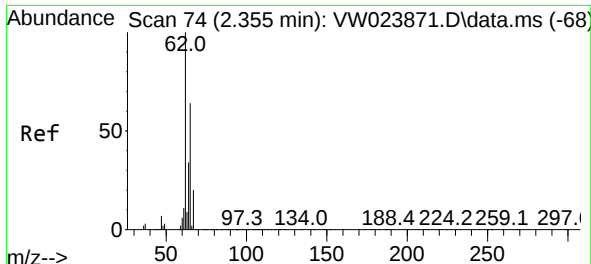
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0  
QLast Update : Wed Jul 20 01:17:09 2022  
Response via : Initial Calibration

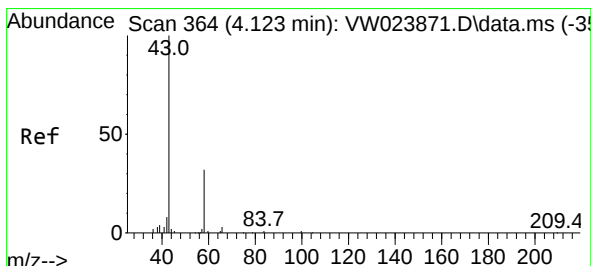
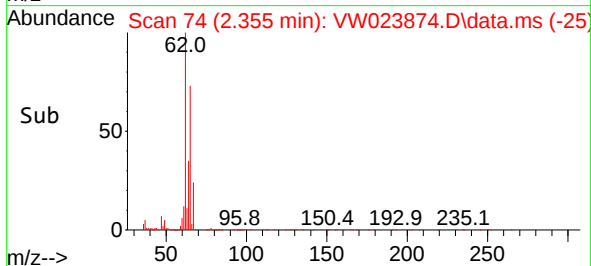
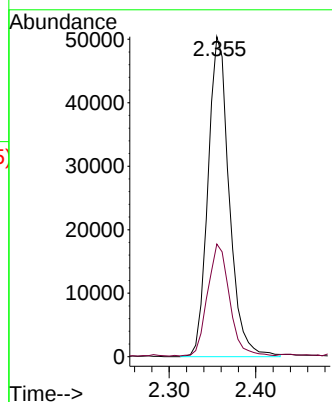
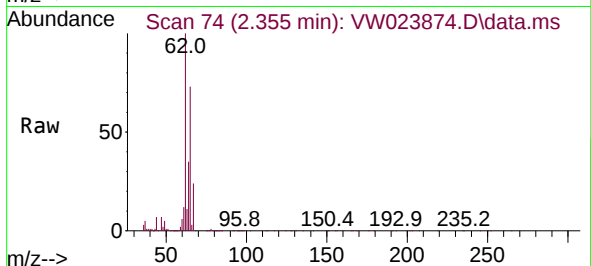




#5  
 Vinyl chloride  
 Concen: 9.463 ug/L  
 RT: 2.355 min Scan# 74  
 Delta R.T. 0.000 min  
 Lab File: VW023874.D  
 Acq: 19 Jul 2022 11:02

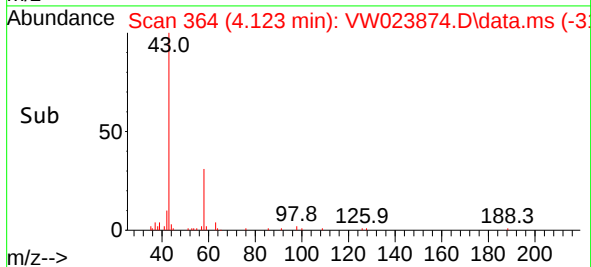
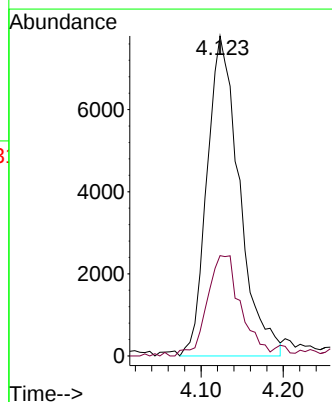
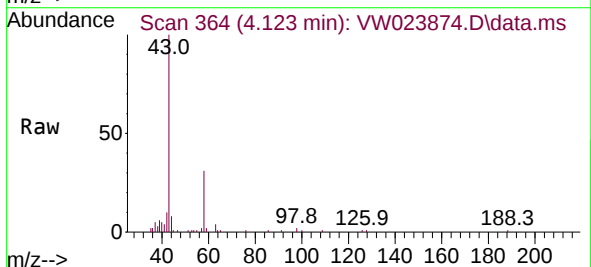
Instrument :  
 MSVOA\_W  
 ClientSampleId :

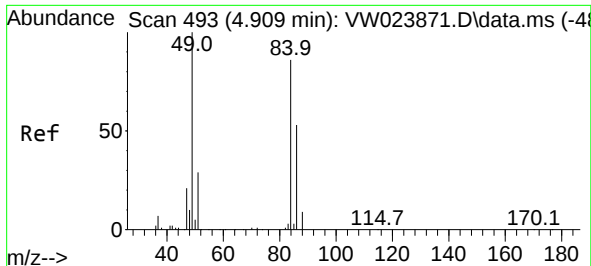
Tgt Ion: 62 Resp: 85808  
 Ion Ratio Lower Upper  
 62 100  
 64 35.2 24.0 44.6



#13  
 Acetone  
 Concen: 24.000 ug/L  
 RT: 4.123 min Scan# 364  
 Delta R.T. 0.000 min  
 Lab File: VW023874.D  
 Acq: 19 Jul 2022 11:02

Tgt Ion: 43 Resp: 21331  
 Ion Ratio Lower Upper  
 43 100  
 58 31.6 0.0 64.2

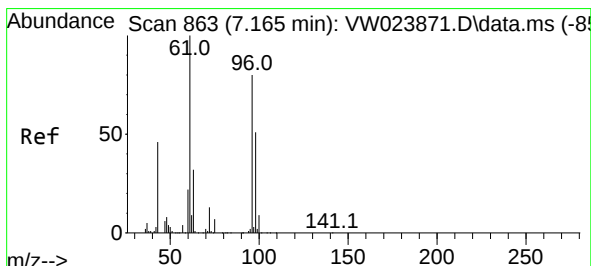
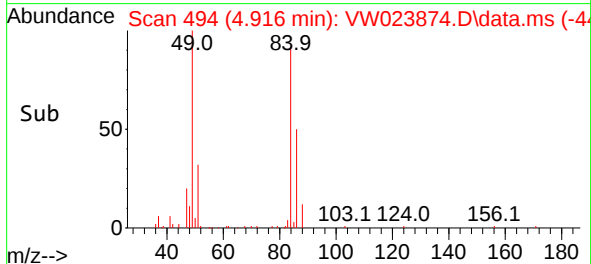
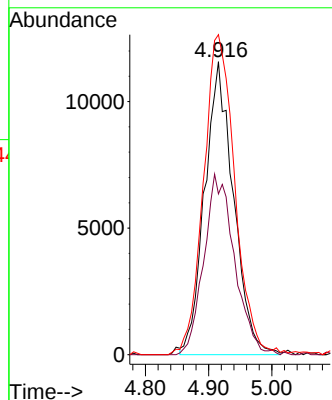
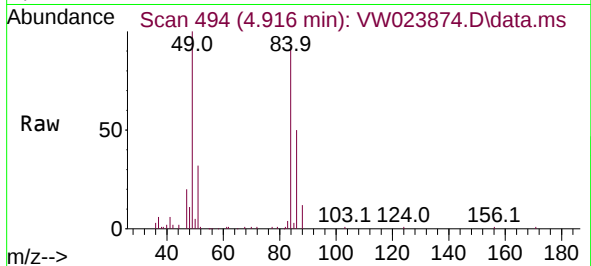




#16  
Methylene chloride  
Concen: 7.392 ug/L  
RT: 4.916 min Scan# 49  
Delta R.T. 0.006 min  
Lab File: VW023874.D  
Acq: 19 Jul 2022 11:02

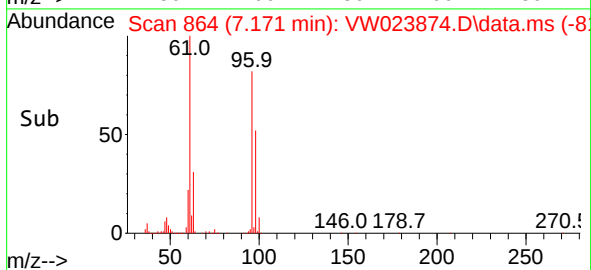
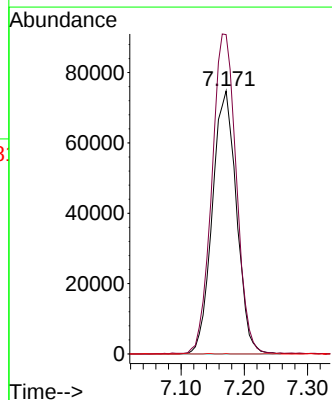
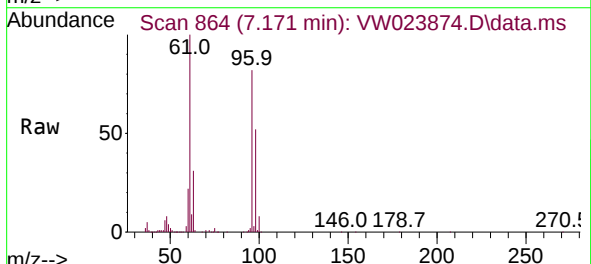
Instrument :  
MSVOA\_W  
ClientSampleId :

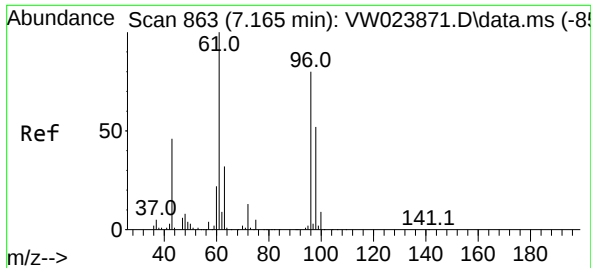
Tgt Ion: 84 Resp: 36677  
Ion Ratio Lower Upper  
84 100  
86 54.9 42.8 79.6  
49 109.2 85.4 158.6



#20  
cis-1,2-Dichloroethene  
Concen: 43.882 ug/L  
RT: 7.171 min Scan# 864  
Delta R.T. 0.006 min  
Lab File: VW023874.D  
Acq: 19 Jul 2022 11:02

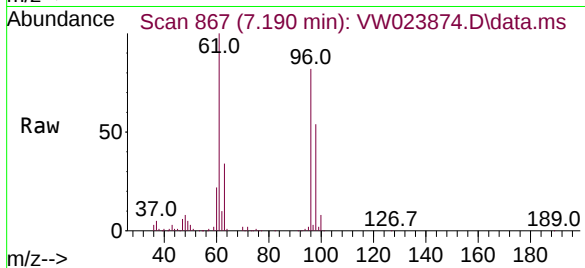
Tgt Ion: 96 Resp: 198404  
Ion Ratio Lower Upper  
96 100  
61 121.4 90.6 168.2  
68 0.1 0.2 0.4#





#22  
 2-Butanone  
 Concen: 3.355 ug/L  
 RT: 7.190 min Scan# 80  
 Delta R.T. 0.025 min  
 Lab File: VW023874.D  
 Acq: 19 Jul 2022 11:02

Instrument :  
 MSVOA\_W  
 ClientSampleId :



Tgt Ion: 43 Resp: 4900  
 Ion Ratio Lower Upper  
 43 100  
 72 36.3 14.7 44.1

