

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW020924\  
 Data File : VW027980.D  
 Acq On : 09 Feb 2024 14:07  
 Operator : SY/MD  
 Sample : P1442-03  
 Misc : 6.25g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Feb 09 22:31:18 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM020524SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Feb 09 22:30:02 2024  
 Response via : Initial Calibration

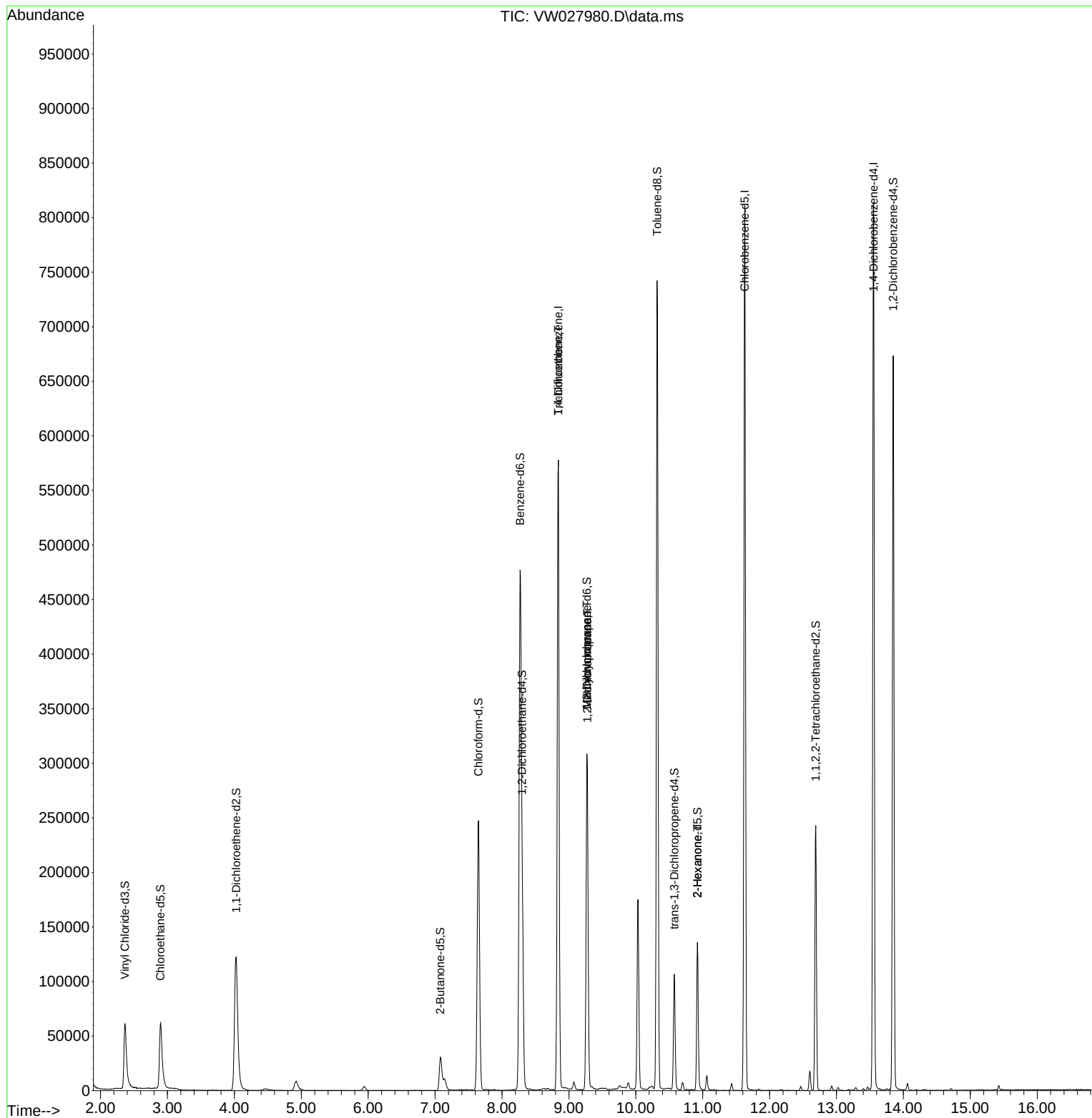
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 528669   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 480764   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.555 | 152   | 230753   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.362  | 65    | 105832   | 17.092   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 68.360%  |
| 7) Chloroethane-d5            | 2.893  | 69    | 99652    | 21.219   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 84.880%  |
| 11) 1,1-Dichloroethene-d2     | 4.027  | 65    | 47512    | 17.933   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 71.720%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 51025    | 53.035   | ug/L   | -0.01    |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 106.080% |
| 24) Chloroform-d              | 7.648  | 84    | 259156   | 20.965   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 83.840%  |
| 26) 1,2-Dichloroethane-d4     | 8.300  | 65    | 125532   | 22.485   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 89.920%  |
| 32) Benzene-d6                | 8.270  | 84    | 545154   | 21.194   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 84.760%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 149056   | 21.373   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 85.480%  |
| 41) Toluene-d8                | 10.318 | 98    | 527100   | 21.417   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 85.680%  |
| 43) trans-1,3-Dichloroprop... | 10.574 | 79    | 62381    | 21.750   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 87.000%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 50972    | 53.732   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 107.460% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 124530   | 23.890   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 95.560%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 185736   | 23.682   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 94.720%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 34) Trichloroethene           | 8.843  | 95    | 14963    | 2.171    | ug/L # | 4        |
| 35) Methylcyclohexane         | 9.270  | 83    | 39385    | 3.472    | ug/L # | 22       |
| 37) 1,2-Dichloropropane       | 9.276  | 63    | 16473    | 2.919    | ug/L # | 84       |
| 48) 2-Hexanone                | 10.922 | 43    | 5199     | 3.223    | ug/L # | 62       |

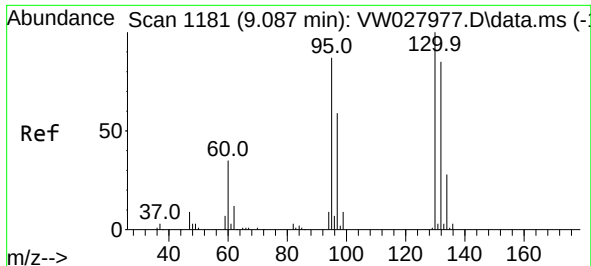
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 2.171 ug/L

RT: 8.843 min Scan# 1141

Delta R.T. -0.244 min

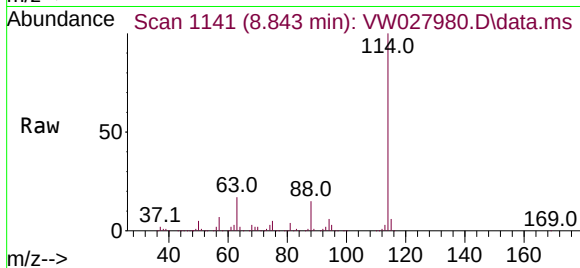
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Instrument :

MSVOA\_W

ClientSampleId :



Tgt Ion: 95 Resp: 14963

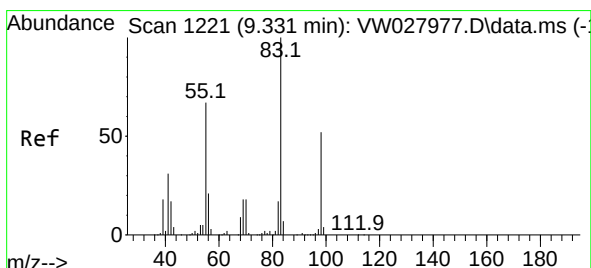
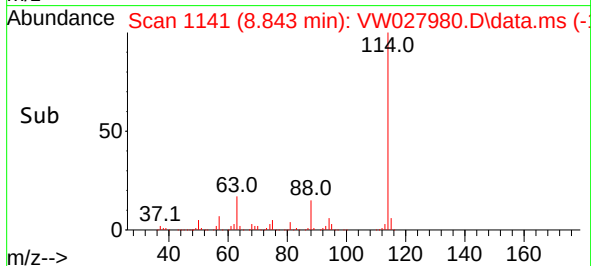
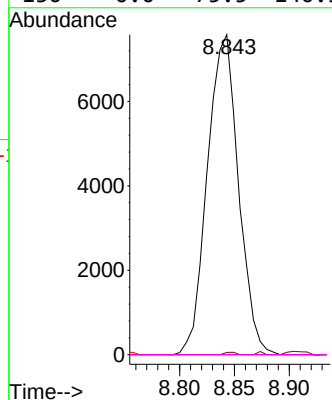
Ion Ratio Lower Upper

95 100

97 0.7 44.3 82.3#

132 0.0 68.0 126.2#

130 0.0 75.5 140.3#



#35

Methylcyclohexane

Concen: 3.472 ug/L

RT: 9.270 min Scan# 1211

Delta R.T. -0.061 min

Lab File: VW027980.D

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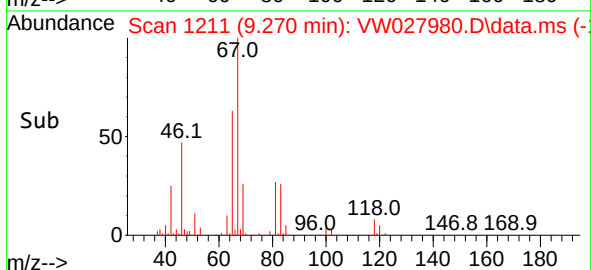
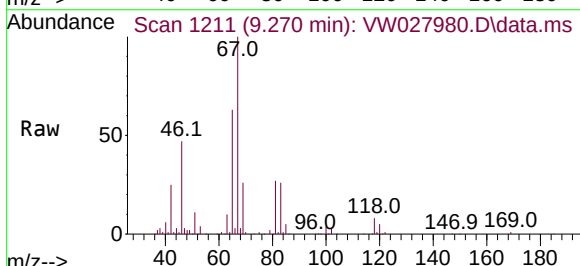
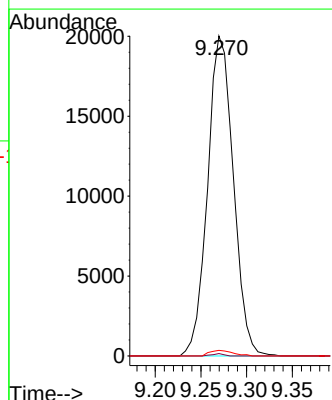
Tgt Ion: 83 Resp: 39385

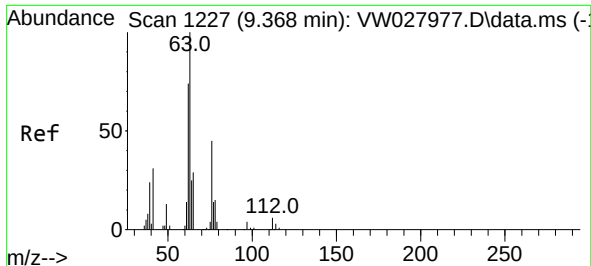
Ion Ratio Lower Upper

83 100

55 0.3 52.3 78.5#

98 1.6 41.9 62.9#

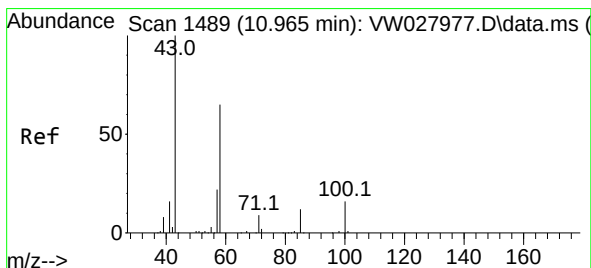
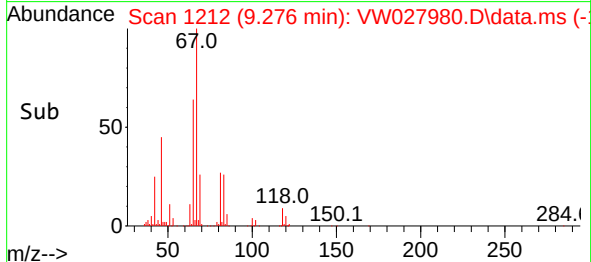
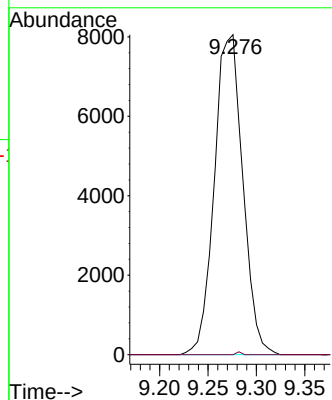
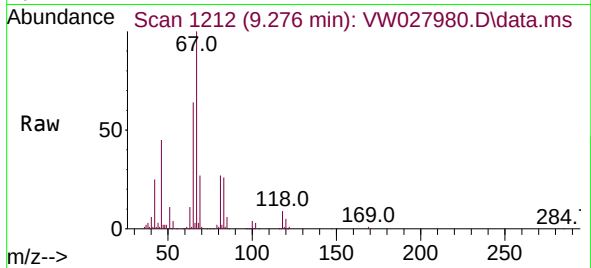




#37  
1,2-Dichloropropane  
Concen: 2.919 ug/L  
RT: 9.276 min Scan# 11  
Delta R.T. -0.092 min  
Lab File: VW027980.D  
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Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion: 63 Resp: 16473  
Ion Ratio Lower Upper  
63 100  
112 0.0 4.2 6.2#



#48  
2-Hexanone  
Concen: 3.223 ug/L  
RT: 10.922 min Scan# 1482  
Delta R.T. -0.043 min  
Lab File: VW027980.D  
Acq: 09 Feb 2024 14:07

Tgt Ion: 43 Resp: 5199  
Ion Ratio Lower Upper  
43 100  
58 28.2 51.4 77.2#  
57 29.7 17.4 26.2#  
100 1.8 14.4 21.6#

