

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092421\  
 Data File : VW020192.D  
 Acq On : 24 Sep 2021 15:08  
 Operator : SY/VA  
 Sample : M3877-14RE  
 Misc : 5.26g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

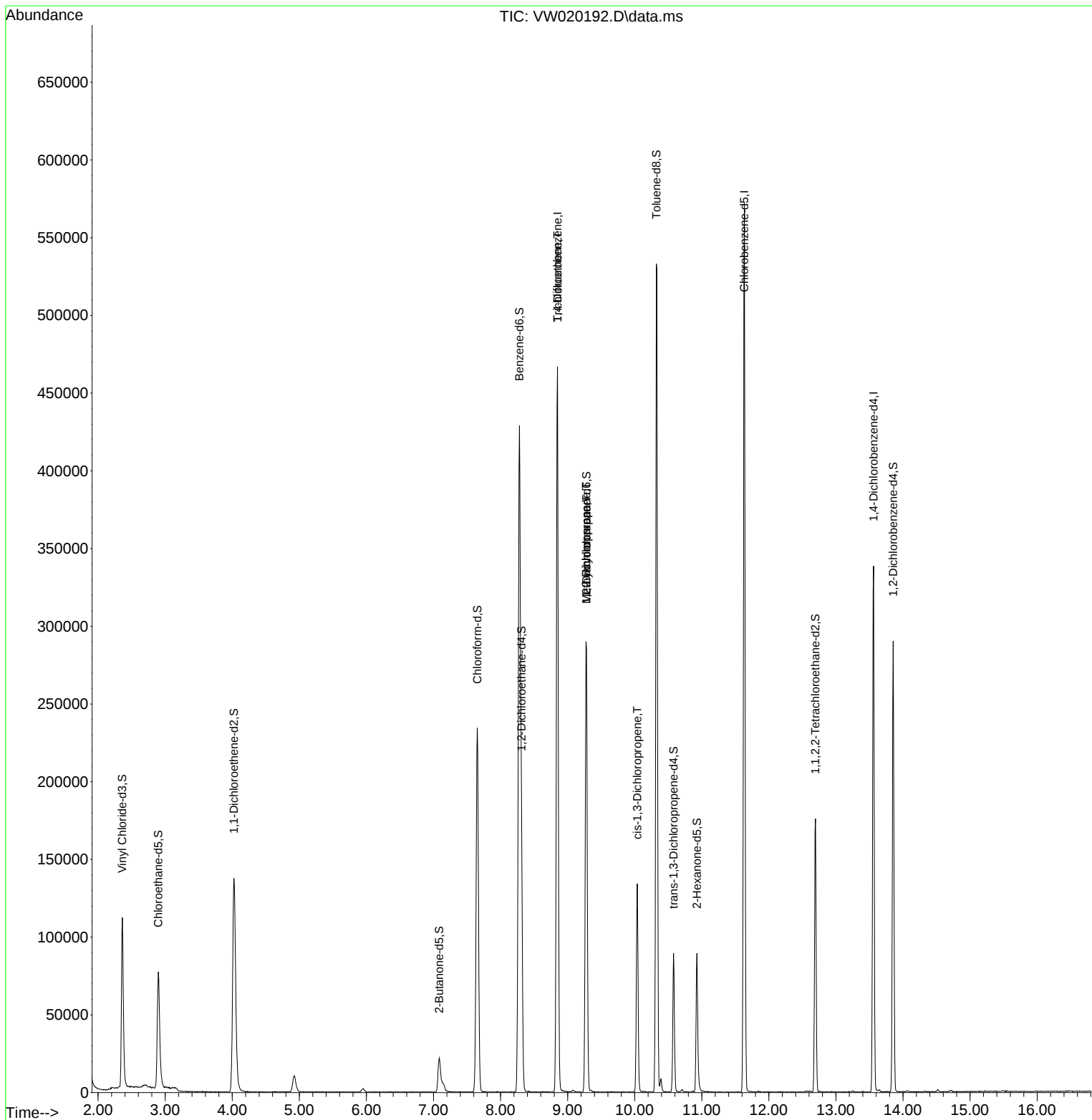
Instrument :  
 MSVOA\_W  
 ClientSampleId :

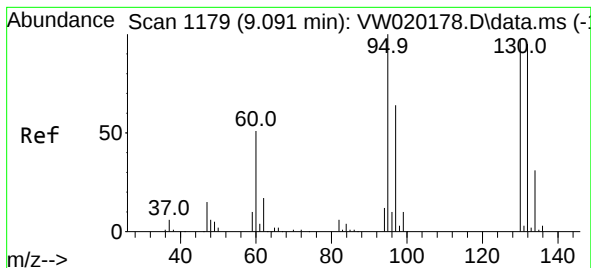
Quant Time: Sep 25 00:42:39 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092121SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Sep 25 00:37:21 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|---------|----------|
| Internal Standards            |        |                |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114            | 366679   | 25.000 | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117            | 300996   | 25.000 | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152            | 86346    | 25.000 | ug/L    | 0.00     |
| System Monitoring Compounds   |        |                |          |        |         |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65             | 130318   | 17.372 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 69.480% |          |
| 7) Chloroethane-d5            | 2.898  | 69             | 105032   | 18.586 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 74.360% |          |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63             | 154903   | 13.189 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 110 | Recovery | =      | 52.760% |          |
| 21) 2-Butanone-d5             | 7.086  | 46             | 36370    | 31.419 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 62.840% |          |
| 24) Chloroform-d              | 7.653  | 84             | 234506   | 20.336 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 40 - 150 | Recovery | =      | 81.360% |          |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65             | 128407   | 20.689 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 130 | Recovery | =      | 82.760% |          |
| 32) Benzene-d6                | 8.281  | 84             | 424053   | 22.083 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 20 - 135 | Recovery | =      | 88.320% |          |
| 36) 1,2-Dichloropropane-d6    | 9.281  | 67             | 131181   | 23.604 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 120 | Recovery | =      | 94.400% |          |
| 41) Toluene-d8                | 10.323 | 98             | 351626   | 20.124 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 130 | Recovery | =      | 80.480% |          |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79             | 47407    | 19.958 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 135 | Recovery | =      | 79.840% |          |
| 47) 2-Hexanone-d5             | 10.927 | 63             | 27118    | 35.260 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 70.520% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84             | 84415    | 19.692 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 120 | Recovery | =      | 78.760% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152            | 67883    | 20.966 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 75 - 120 | Recovery | =      | 83.880% |          |
| Target Compounds              |        |                |          |        |         |          |
| 34) Trichloroethene           | 8.848  | 95             | 11698    | 2.406  | ug/L #  | 5        |
| 35) Methylcyclohexane         | 9.281  | 83             | 32691    | 4.126  | ug/L #  | 20       |
| 37) 1,2-Dichloropropane       | 9.274  | 63             | 16308    | 3.625  | ug/L #  | 90       |
| 39) cis-1,3-Dichloropropene   | 10.037 | 75             | 3584     | 0.540  | ug/L #  | 67       |

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

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Quant Title : SFAM01.0  
QLast Update : Sat Sep 25 00:37:21 2021  
Response via : Initial Calibration





#34

Trichloroethene

Concen: 2.406 ug/L

RT: 8.848 min Scan# 1139

Delta R.T. -0.244 min

Lab File: VW020192.D

Acq: 24 Sep 2021 15:08

Instrument :

MSVOA\_W

ClientSampled :

Tgt Ion: 95 Resp: 11698

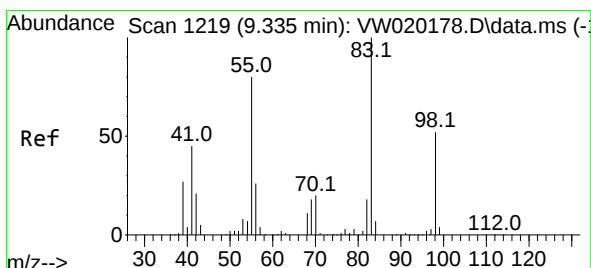
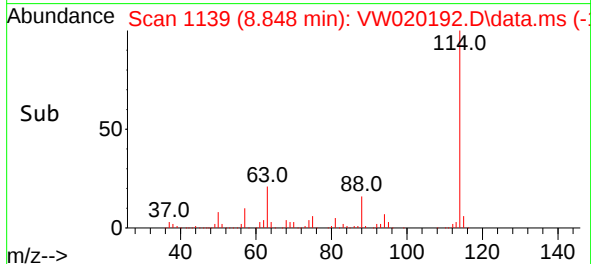
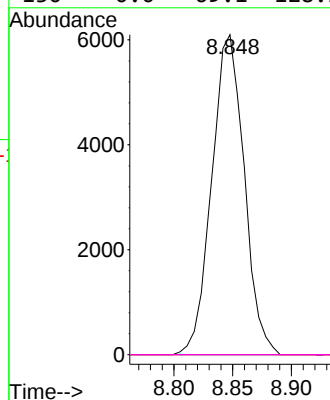
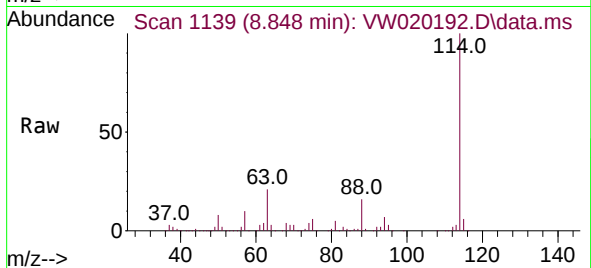
Ion Ratio Lower Upper

95 100

97 0.0 45.1 83.7#

132 0.0 67.9 126.1#

130 0.0 69.1 128.3#



#35

Methylcyclohexane

Concen: 4.126 ug/L

RT: 9.281 min Scan# 1210

Delta R.T. -0.055 min

Lab File: VW020192.D

Acq: 24 Sep 2021 15:08

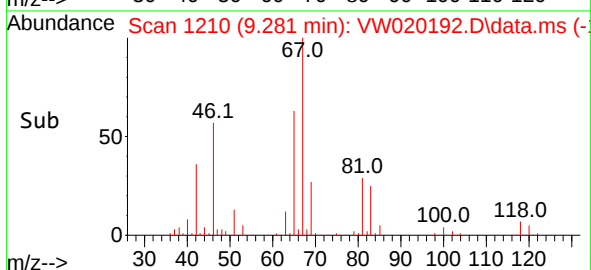
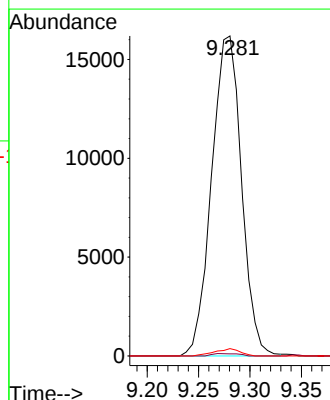
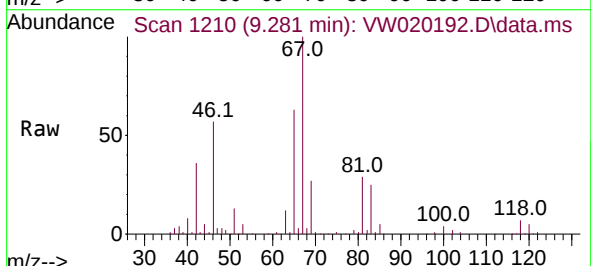
Tgt Ion: 83 Resp: 32691

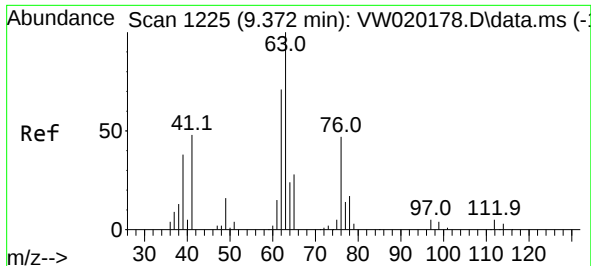
Ion Ratio Lower Upper

83 100

55 0.7 61.4 92.2#

98 1.9 38.1 57.1#

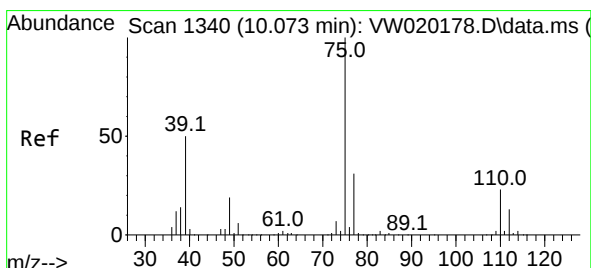
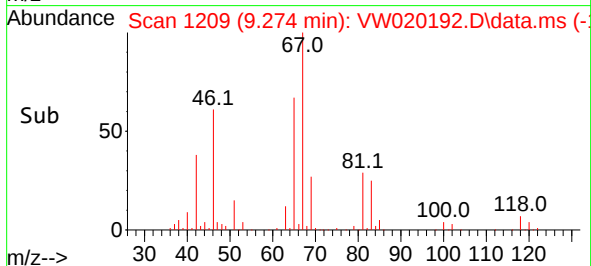
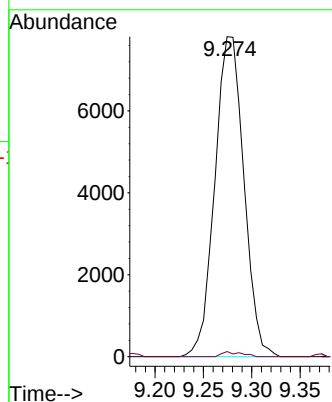
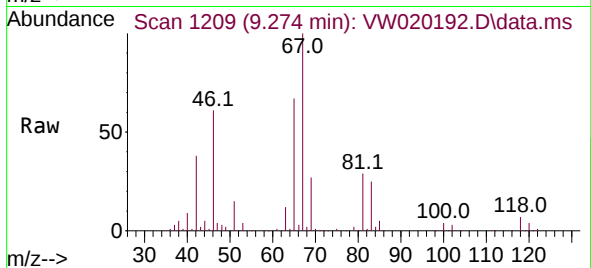




#37  
1,2-Dichloropropane  
Concen: 3.625 ug/L  
RT: 9.274 min Scan# 1209  
Delta R.T. -0.097 min  
Lab File: VW020192.D  
Acq: 24 Sep 2021 15:08

Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion: 63 Resp: 16308  
Ion Ratio Lower Upper  
63 100  
112 1.1 3.6 5.4#



#39  
cis-1,3-Dichloropropene  
Concen: 0.540 ug/L  
RT: 10.037 min Scan# 1334  
Delta R.T. -0.036 min  
Lab File: VW020192.D  
Acq: 24 Sep 2021 15:08

Tgt Ion: 75 Resp: 3584  
Ion Ratio Lower Upper  
75 100  
77 51.5 23.0 42.6#

