

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW021822\  
 Data File : VW024750.D  
 Acq On : 18 Feb 2022 13:55  
 Operator : SY/MD  
 Sample : N1510-20DL 100X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F4M34DL

Quant Time: Feb 19 00:44:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR021722WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Feb 19 00:43:23 2022  
 Response via : Initial Calibration

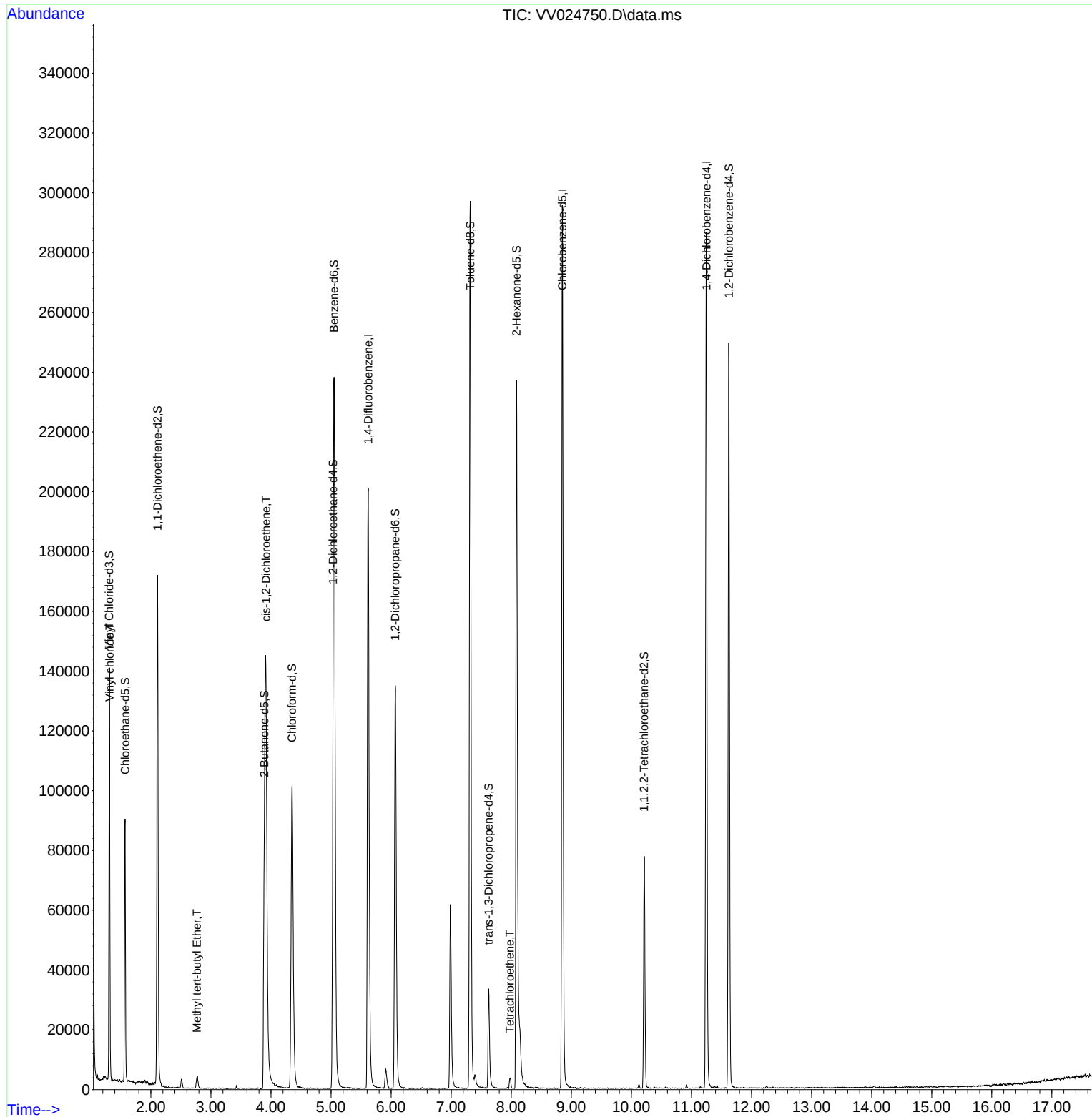
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114            | 174883   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117            | 162099   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 69092    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65             | 64829    | 4.370  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 87.400%  |          |
| 7) Chloroethane-d5            | 1.571  | 69             | 55713    | 4.578  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 91.600%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.111  | 63             | 89202    | 3.282  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 65.600%  |          |
| 20) 2-Butanone-d5             | 3.889  | 46             | 109367   | 51.618 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 103.240% |          |
| 24) Chloroform-d              | 4.349  | 84             | 105893   | 4.575  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 91.600%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65             | 50399    | 4.885  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 97.800%  |          |
| 32) Benzene-d6                | 5.050  | 84             | 223916   | 4.788  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 95.800%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67             | 67914    | 4.935  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 98.600%  |          |
| 41) Toluene-d8                | 7.317  | 98             | 197190   | 4.641  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 92.800%  |          |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 21020    | 4.585  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 91.600%  |          |
| 46) 2-Hexanone-d5             | 8.088  | 63             | 82576    | 45.775 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 91.560%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84             | 38324    | 4.621  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 92.400%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152            | 59919    | 5.012  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 100.200% |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          |          |
| 5) Vinyl chloride             | 1.314  | 62             | 23864    | 1.276  | ug/L     | 97       |
| 17) Methyl tert-butyl Ether   | 2.767  | 73             | 3407     | 0.127  | ug/L     | 98       |
| 22) cis-1,2-Dichloroethene    | 3.915  | 96             | 66589    | 4.736  | ug/L     | 96       |
| 47) Tetrachloroethene         | 7.979  | 164            | 840      | 0.085  | ug/L     | 86       |
| -----                         |        |                |          |        |          |          |

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

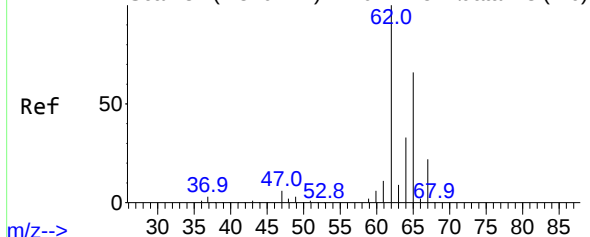
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV021822\  
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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sat Feb 19 00:43:23 2022  
Response via : Initial Calibration



Abundance Scan 84 (1.310 min): VV024745.D\data.ms (-76)



#5

Vinyl chloride

Concen: 1.276 ug/L

RT: 1.314 min Scan# 84

Delta R.T. 0.003 min

Lab File: VV024750.D

Acq: 18 Feb 2022 13:55

Instrument :

MSVOA\_V

ClientSampleId :

F4M34DL

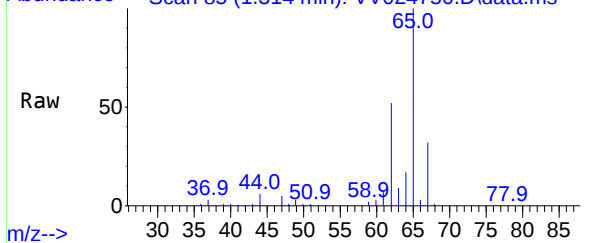
Tgt Ion: 62 Resp: 23864

Ion Ratio Lower Upper

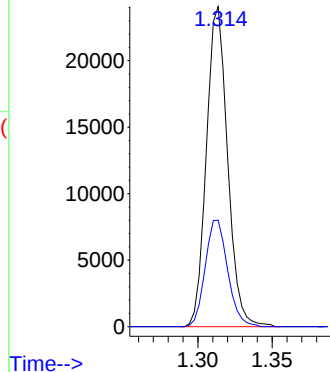
62 100

64 33.3 22.2 41.2

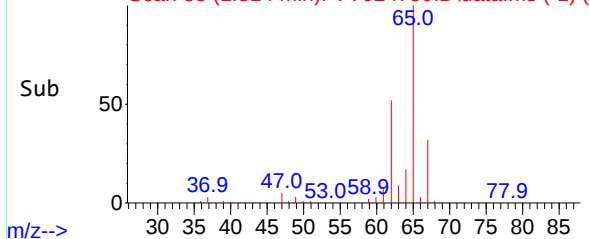
Abundance Scan 85 (1.314 min): VV024750.D\data.ms



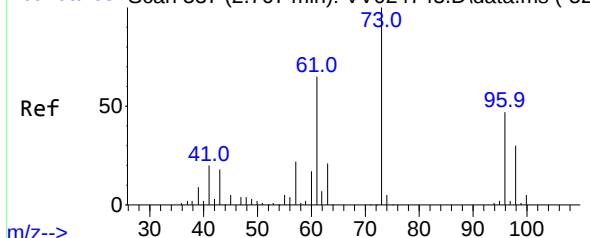
Abundance



Abundance Scan 85 (1.314 min): VV024750.D\data.ms (-1)



Abundance Scan 537 (2.767 min): VV024745.D\data.ms (-52)



#17

Methyl tert-butyl Ether

Concen: 0.127 ug/L

RT: 2.767 min Scan# 537

Delta R.T. 0.000 min

Lab File: VV024750.D

Acq: 18 Feb 2022 13:55

Tgt Ion: 73 Resp: 3407

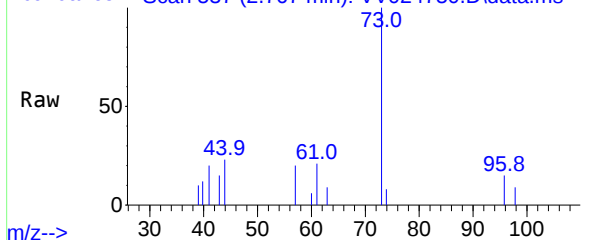
Ion Ratio Lower Upper

73 100

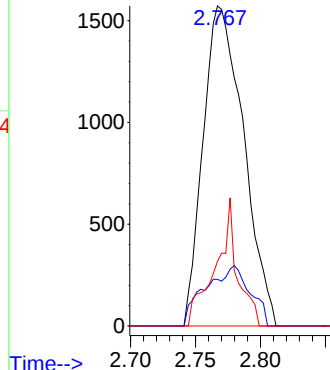
43 20.7 15.1 22.7

57 21.6 17.4 26.2

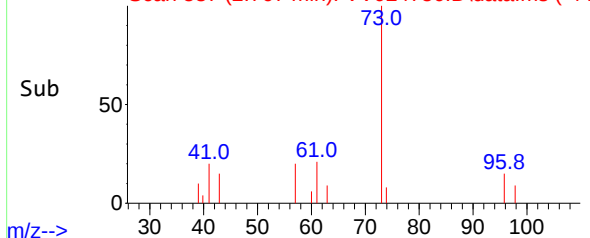
Abundance Scan 537 (2.767 min): VV024750.D\data.ms



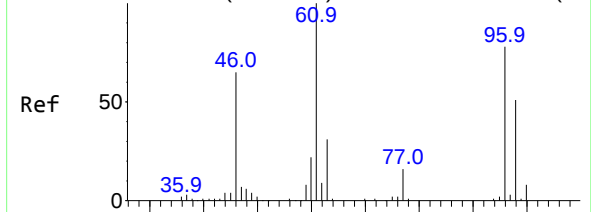
Abundance



Abundance Scan 537 (2.767 min): VV024750.D\data.ms (-44)

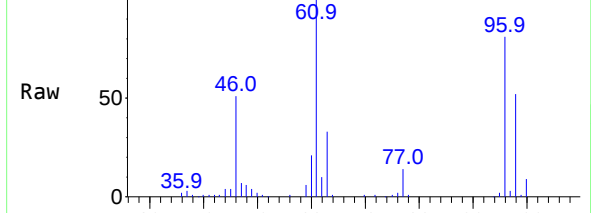


Abundance Scan 891 (3.905 min): VV024745.D\data.ms (-87



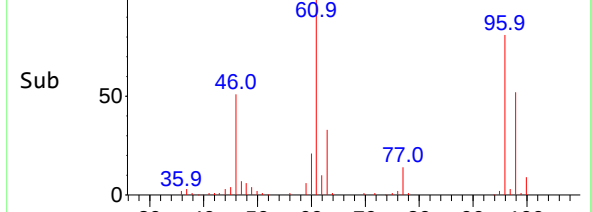
m/z-->

Abundance Scan 894 (3.915 min): VV024750.D\data.ms



m/z-->

Abundance Scan 894 (3.915 min): VV024750.D\data.ms (-79



m/z-->

#22

cis-1,2-Dichloroethene

Concen: 4.736 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.010 min

Lab File: VV024750.D

Acq: 18 Feb 2022 13:55

Instrument :

MSVOA\_V

ClientSampleId :

F4M34DL

Tgt Ion: 96 Resp: 66589

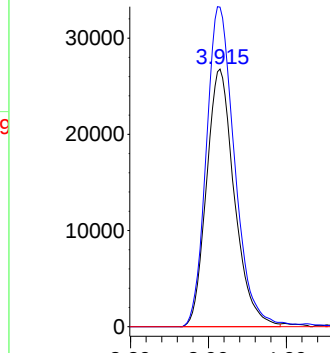
Ion Ratio Lower Upper

96 100

61 124.0 89.7 166.5

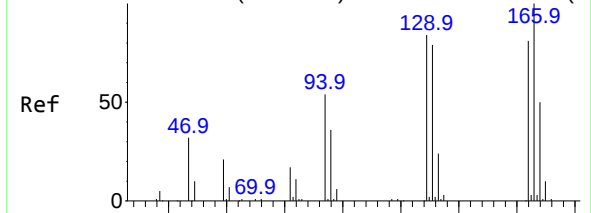
68 0.0 0.0 0.0

Abundance



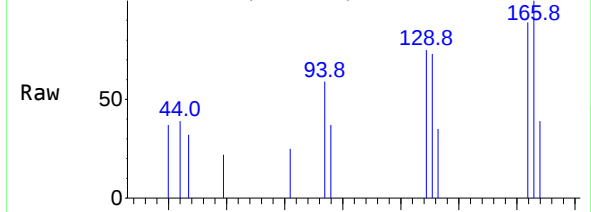
Time-->

Abundance Scan 2155 (7.969 min): VV024745.D\data.ms (-2



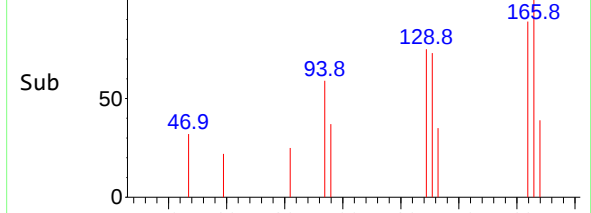
m/z-->

Abundance Scan 2158 (7.979 min): VV024750.D\data.ms



m/z-->

Abundance Scan 2158 (7.979 min): VV024750.D\data.ms (-2



m/z-->

#47

Tetrachloroethene

Concen: 0.085 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.010 min

Lab File: VV024750.D

Acq: 18 Feb 2022 13:55

Tgt Ion:164 Resp: 840

Ion Ratio Lower Upper

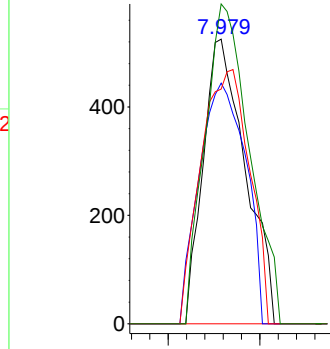
164 100

129 84.6 70.3 130.7

131 82.5 67.7 125.7

166 112.4 88.3 164.1

Abundance



Time-->