

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW011323\  
 Data File : VW029849.D  
 Acq On : 14 Jan 2023 11:16  
 Operator : SY/MD  
 Sample : 01149-07  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 COL57

Quant Time: Jan 16 00:39:41 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR011223WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Jan 12 22:05:54 2023  
 Response via : Initial Calibration

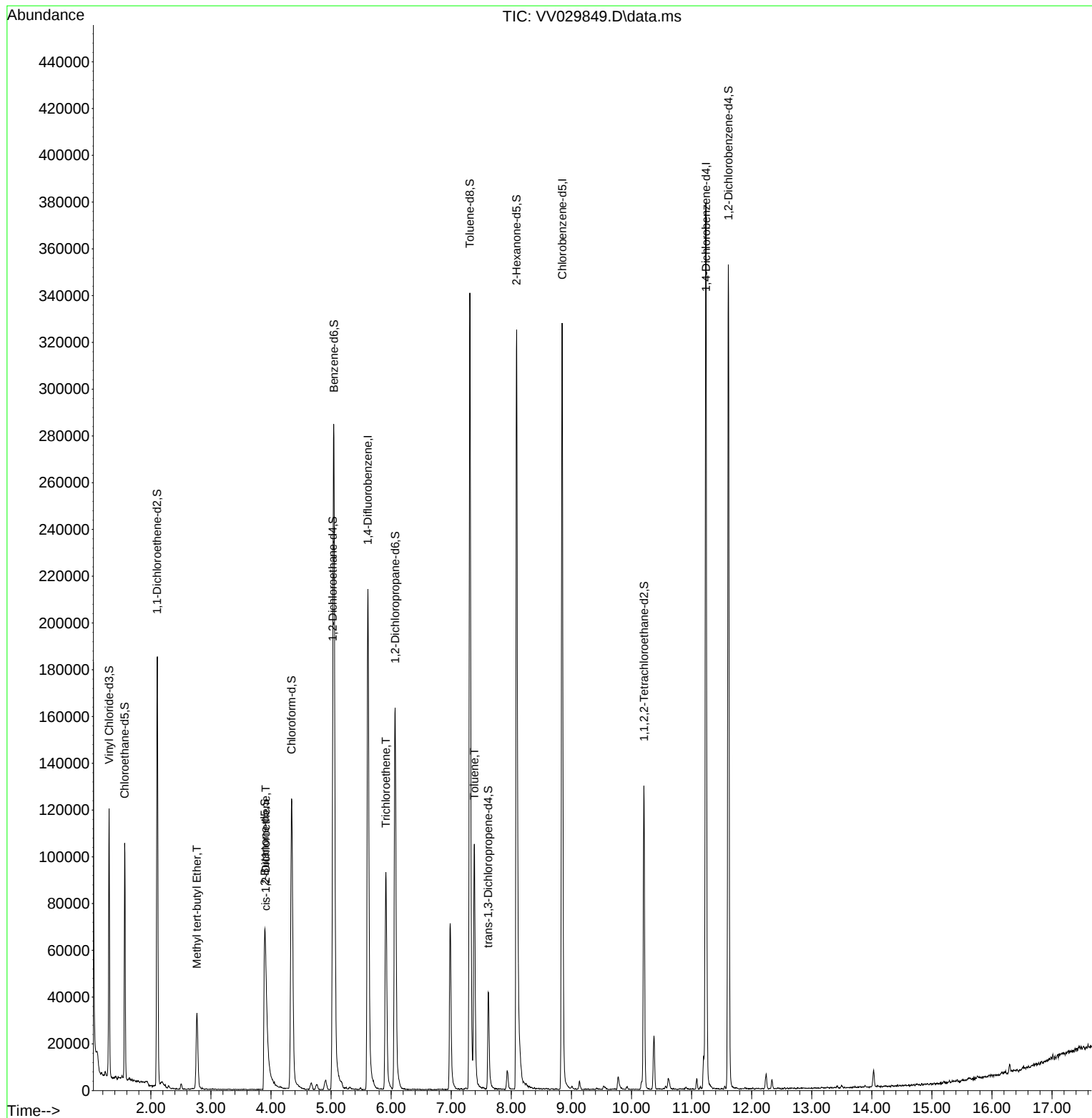
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.612  | 114   | 203089   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.847  | 117   | 198521   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.239 | 152   | 104770   | 5.000    | ug/L  | 0.00     |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 70012    | 4.545    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 91.000%  |
| 7) Chloroethane-d5            | 1.564  | 69    | 64174    | 5.026    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 100.600% |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63    | 96198    | 3.426    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 68.600%  |
| 20) 2-Butanone-d5             | 3.895  | 46    | 138496   | 50.726   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 101.460% |
| 24) Chloroform-d              | 4.342  | 84    | 138669   | 4.907    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 98.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.027  | 65    | 61463    | 5.136    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 102.800% |
| 32) Benzene-d6                | 5.047  | 84    | 286576   | 4.866    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 97.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67    | 88583    | 5.140    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 102.800% |
| 41) Toluene-d8                | 7.310  | 98    | 245183   | 4.497    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 90.000%  |
| 43) trans-1,3-Dichloroprop... | 7.616  | 79    | 27360    | 4.347    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 87.000%  |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 126969   | 49.549   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 99.100%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.207 | 84    | 65685    | 5.201    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 104.000% |
| 66) 1,2-Dichlorobenzene-d4    | 11.612 | 152   | 96246    | 5.053    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 101.000% |
| Target Compounds              |        |       |          |          |       |          |
| 17) Methyl tert-butyl Ether   | 2.767  | 73    | 34094    | 1.137    | ug/L  | 99       |
| 22) cis-1,2-Dichloroethene    | 3.912  | 96    | 2561     | 0.149    | ug/L  | 98       |
| 34) Trichloroethene           | 5.911  | 95    | 34705    | 2.086    | ug/L  | 95       |
| 42) Toluene                   | 7.384  | 91    | 83771    | 1.183    | ug/L  | 95       |

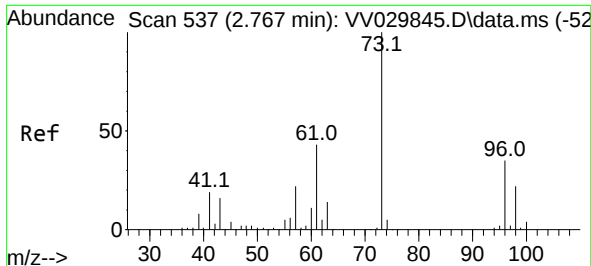
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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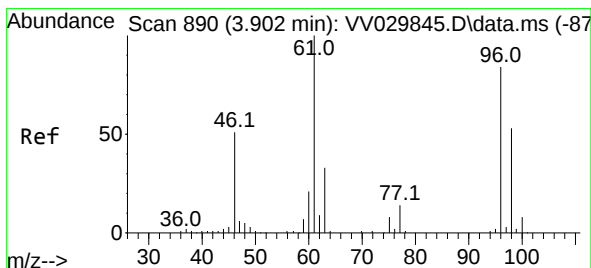
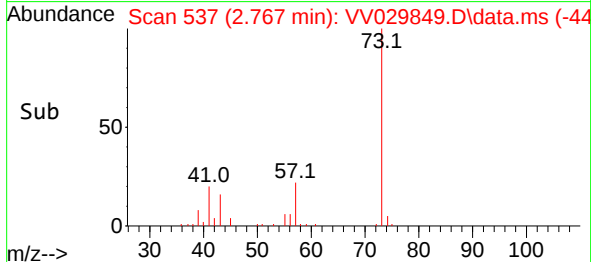
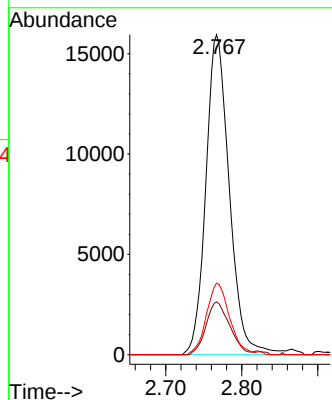
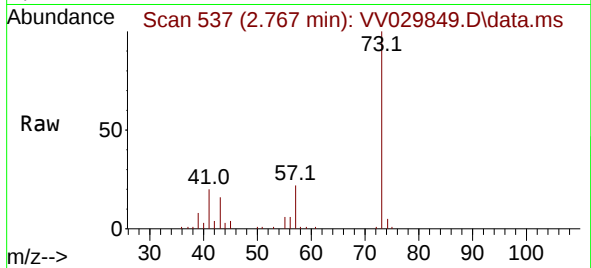




#17  
Methyl tert-butyl Ether  
Concen: 1.137 ug/L  
RT: 2.767 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VV029849.D  
Acq: 14 Jan 2023 11:16

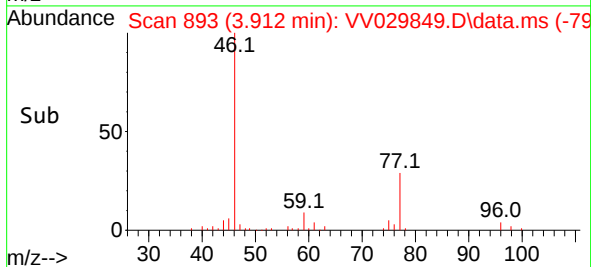
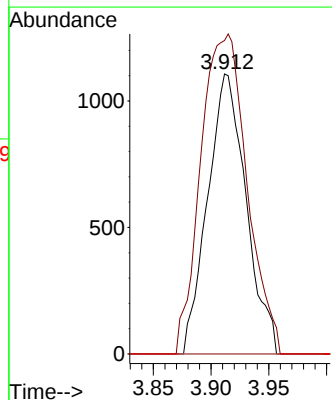
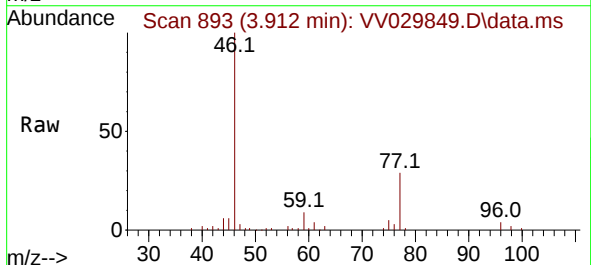
Instrument :  
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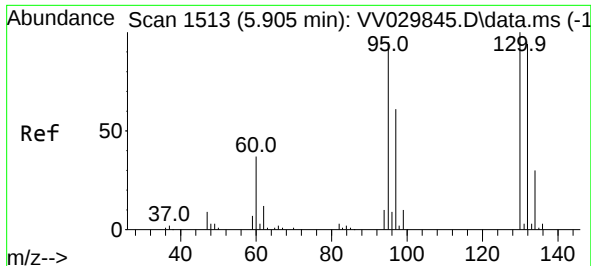
Tgt Ion: 73 Resp: 34094  
Ion Ratio Lower Upper  
73 100  
43 16.6 13.0 19.4  
57 22.1 17.1 25.7



#22  
cis-1,2-Dichloroethene  
Concen: 0.149 ug/L  
RT: 3.912 min Scan# 893  
Delta R.T. 0.013 min  
Lab File: VV029849.D  
Acq: 14 Jan 2023 11:16

Tgt Ion: 96 Resp: 2561  
Ion Ratio Lower Upper  
96 100  
61 111.9 80.0 148.6  
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 2.086 ug/L

RT: 5.911 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV029849.D

Acq: 14 Jan 2023 11:16

Instrument :

MSVOA\_V

ClientSampleId :

COL57

Tgt Ion: 95 Resp: 34705

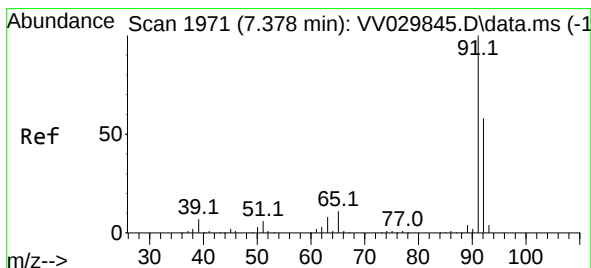
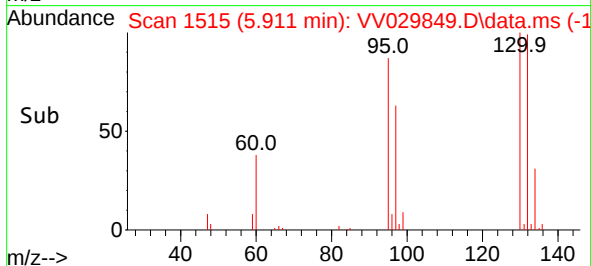
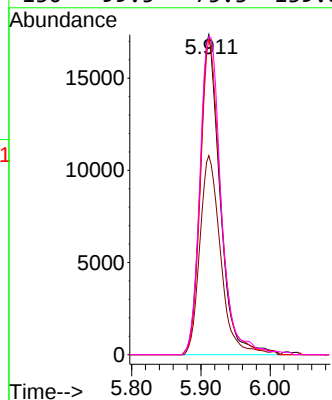
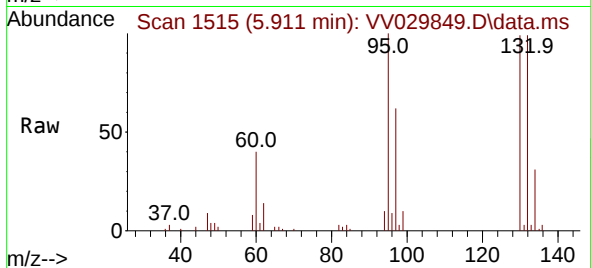
Ion Ratio Lower Upper

95 100

97 62.2 44.9 83.3

132 98.6 71.8 133.4

130 99.5 75.3 139.8



#42

Toluene

Concen: 1.183 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.006 min

Lab File: VV029849.D

Acq: 14 Jan 2023 11:16

Tgt Ion: 91 Resp: 83771

Ion Ratio Lower Upper

91 100

92 54.3 40.6 75.4

