

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062122\  
 Data File : VU049326.D  
 Acq On : 21 Jun 2022 14:42  
 Operator : SY/MD  
 Sample : N3285-05  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK001

Quant Time: Jun 22 01:48:46 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061422WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Jun 22 01:47:02 2022  
 Response via : Initial Calibration

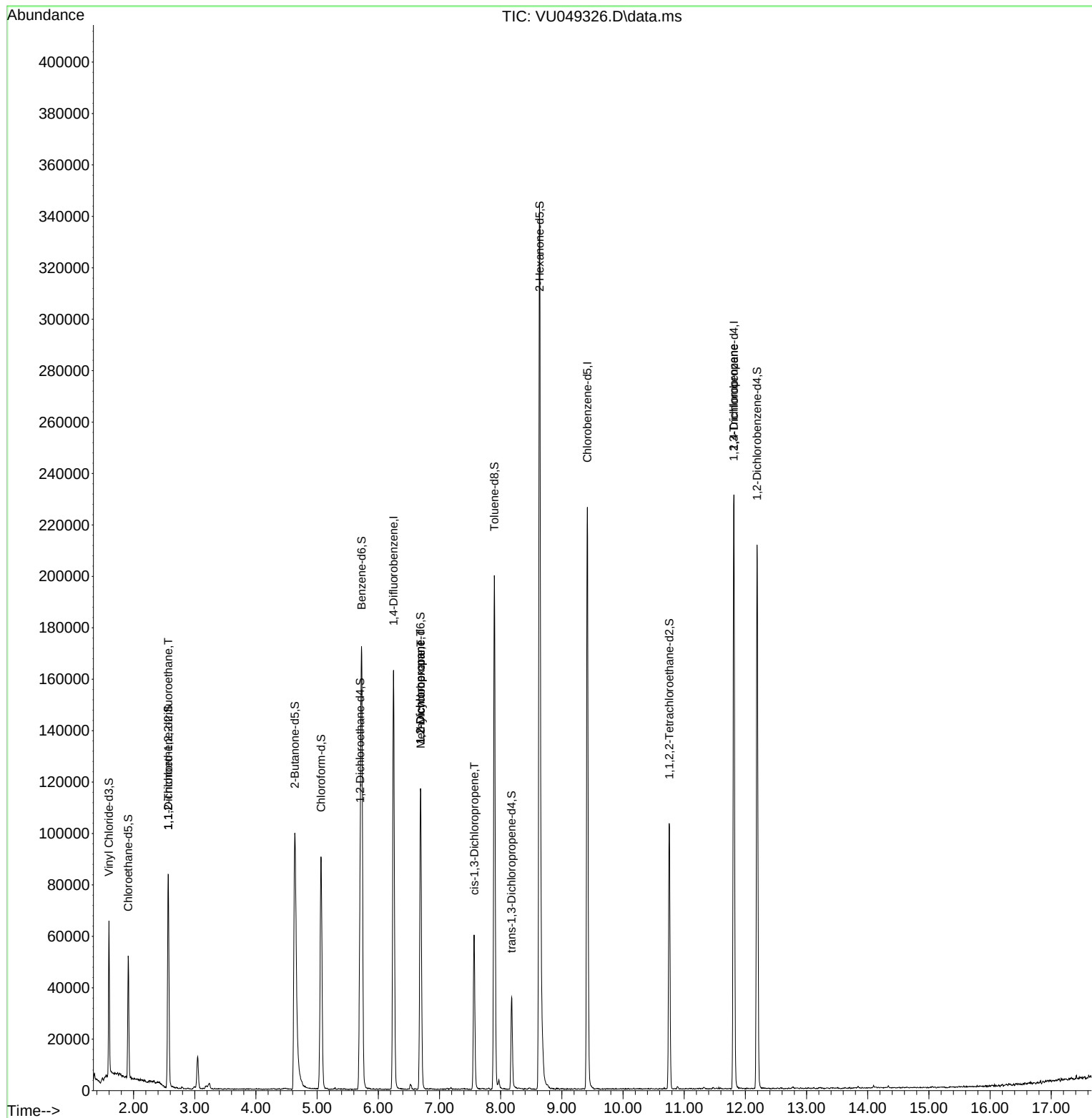
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.250  | 114   | 129067   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117   | 123079   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152   | 60185    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65    | 40240    | 3.568    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 71.400%  |
| 7) Chloroethane-d5            | 1.912  | 69    | 32772    | 4.292    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 85.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 65    | 16114    | 3.552    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 71.000%  |
| 20) 2-Butanone-d5             | 4.636  | 46    | 185616   | 61.642   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 123.280% |
| 24) Chloroform-d              | 5.063  | 84    | 83047    | 4.693    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.703  | 65    | 49735    | 5.124    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 102.400% |
| 32) Benzene-d6                | 5.729  | 84    | 155657   | 4.198    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 84.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.690  | 67    | 57169    | 4.543    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 90.800%  |
| 41) Toluene-d8                | 7.896  | 98    | 130328   | 3.904    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 78.000%  |
| 43) trans-1,3-Dichloroprop... | 8.179  | 79    | 21452    | 3.837    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 76.800%  |
| 46) 2-Hexanone-d5             | 8.636  | 63    | 122022   | 54.105   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 108.220% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754 | 84    | 53340    | 5.294    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 105.800% |
| 66) 1,2-Dichlorobenzene-d4    | 12.192 | 152   | 55330    | 4.791    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 95.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.565  | 101   | 372      | 0.050    | ug/L # | 21       |
| 35) Methylcyclohexane         | 6.694  | 83    | 11991    | 0.764    | ug/L # | 16       |
| 37) 1,2-Dichloropropane       | 6.690  | 63    | 6142     | 0.610    | ug/L # | 89       |
| 39) cis-1,3-Dichloropropene   | 7.568  | 75    | 1870     | 0.122    | ug/L # | 75       |
| 61) 1,2,3-Trichloropropane    | 11.809 | 75    | 7788     | 1.153    | ug/L # | 68       |
| -----                         |        |       |          |          |        |          |

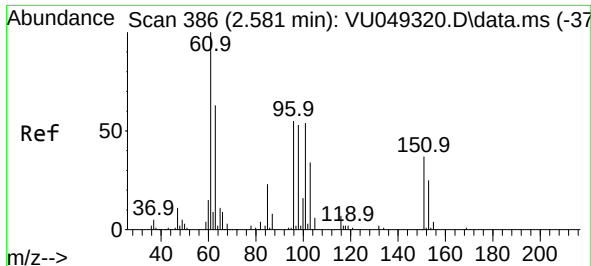
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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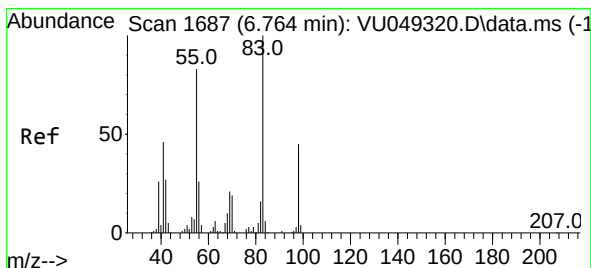
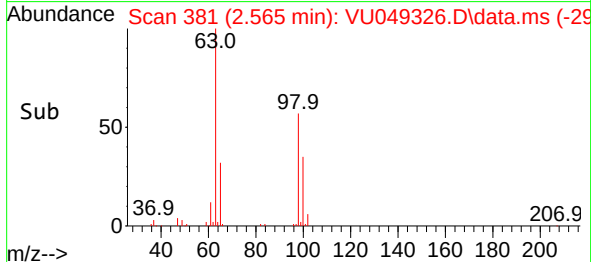
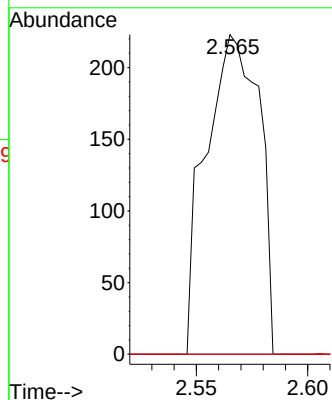
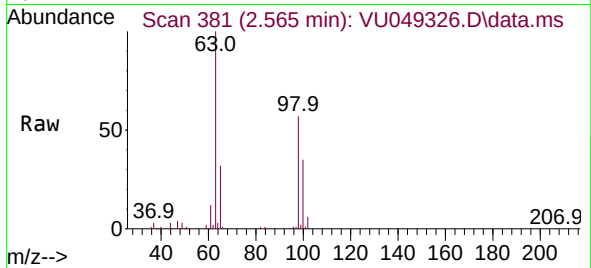




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.050 ug/L  
RT: 2.565 min Scan# 381  
Delta R.T. -0.016 min  
Lab File: VU049326.D  
Acq: 21 Jun 2022 14:42

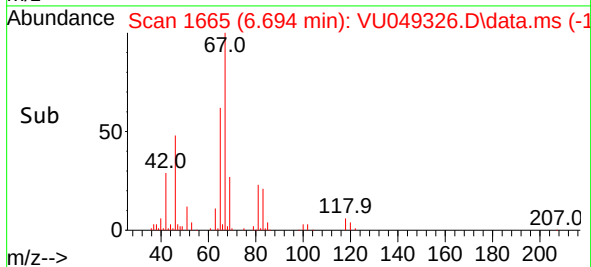
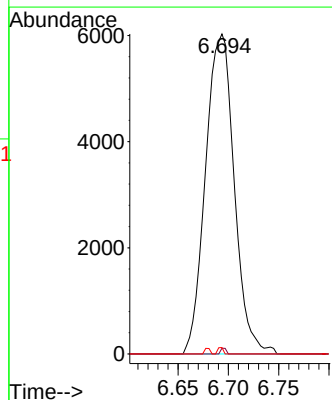
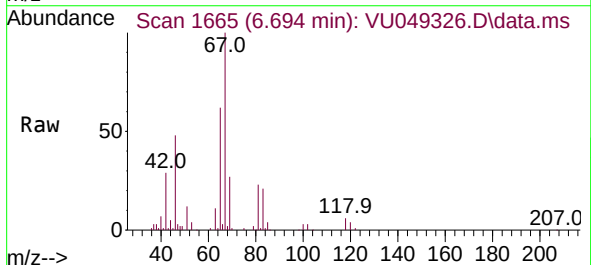
Instrument :  
MSVOA\_U  
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VHBLK001

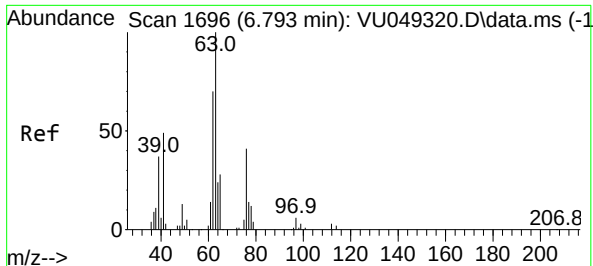
Tgt Ion: 101 Resp: 372  
Ion Ratio Lower Upper  
101 100  
85 0.0 36.1 54.1#  
151 0.0 56.8 85.2#



#35  
Methylcyclohexane  
Concen: 0.764 ug/L  
RT: 6.694 min Scan# 1665  
Delta R.T. -0.071 min  
Lab File: VU049326.D  
Acq: 21 Jun 2022 14:42

Tgt Ion: 83 Resp: 11991  
Ion Ratio Lower Upper  
83 100  
55 0.3 66.9 100.3#  
98 0.4 35.5 53.3#





#37

1,2-Dichloropropane

Concen: 0.610 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU049326.D

Acq: 21 Jun 2022 14:42

Instrument :

MSVOA\_U

ClientSampleId :

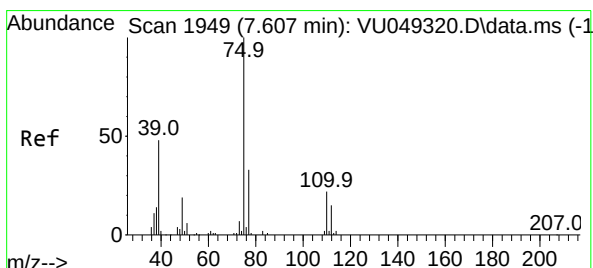
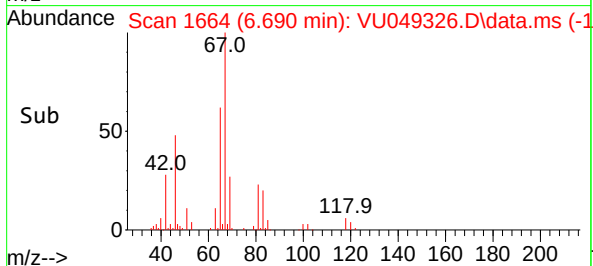
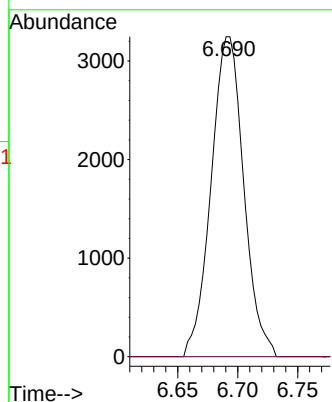
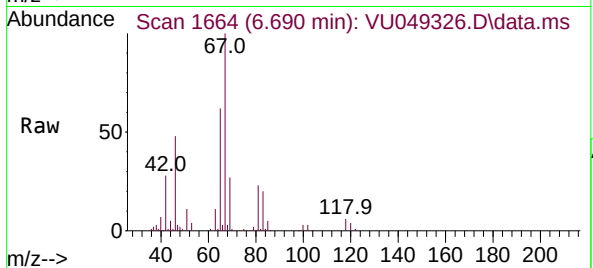
VHBLK001

Tgt Ion: 63 Resp: 6142

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 0.122 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.039 min

Lab File: VU049326.D

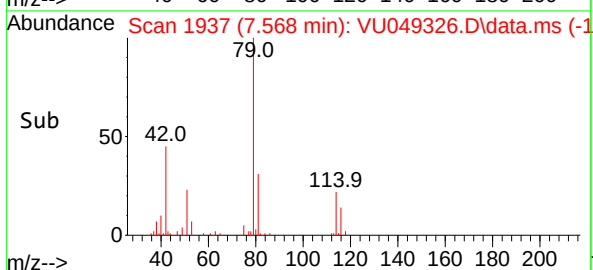
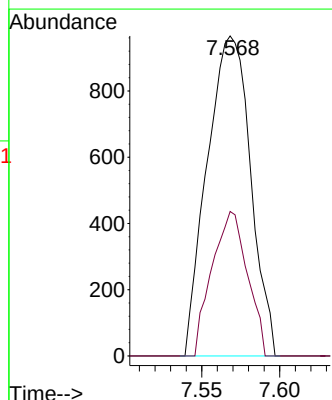
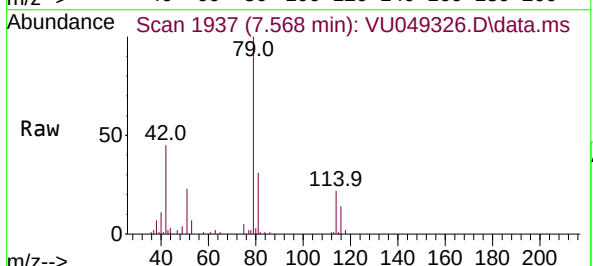
Acq: 21 Jun 2022 14:42

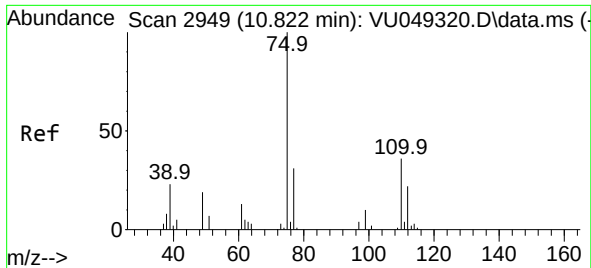
Tgt Ion: 75 Resp: 1870

Ion Ratio Lower Upper

75 100

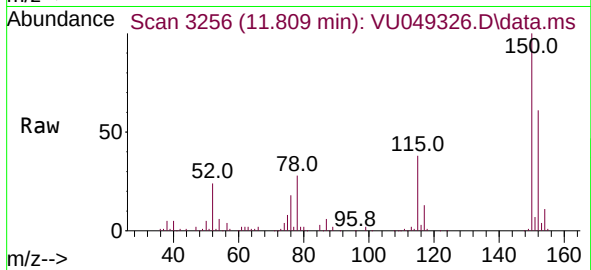
77 45.1 21.8 40.4#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.153 ug/L  
 RT: 11.809 min Scan# 31  
 Delta R.T. 0.987 min  
 Lab File: VU049326.D  
 Acq: 21 Jun 2022 14:42

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK001



Tgt Ion: 75 Resp: 7788  
 Ion Ratio Lower Upper  
 75 100  
 110 2.3 29.0 43.4#  
 77 30.8 26.2 39.2

