

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU032622\  
 Data File : VU047698.D  
 Acq On : 26 Mar 2022 10:55  
 Operator : SY/MD  
 Sample : VU0326WBL01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK073

Quant Time: Mar 28 05:06:34 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM032422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Mar 28 05:05:44 2022  
 Response via : Initial Calibration

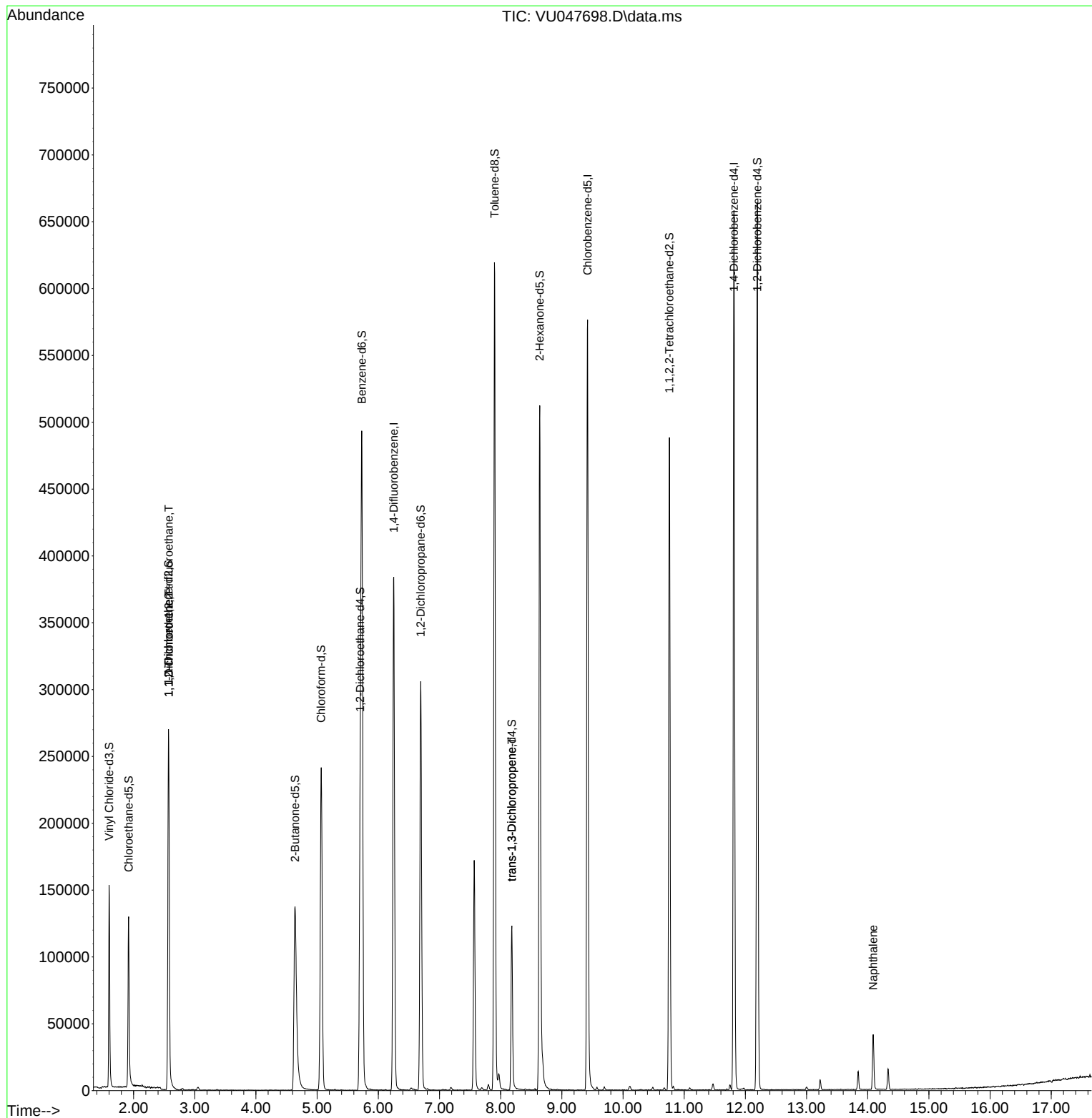
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.253   | 114   | 325057   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420   | 117   | 333937   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152   | 183641   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.601   | 65    | 111296   | 47.215   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 94.440%  |
| 7) Chloroethane-d5            | 1.919   | 69    | 98229    | 52.850   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 105.700% |
| 11) 1,1-Dichloroethene-d2     | 2.572   | 63    | 156036   | 36.181   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 72.360%  |
| 21) 2-Butanone-d5             | 4.639   | 46    | 251203   | 124.159  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 124.160% |
| 24) Chloroform-d              | 5.067   | 84    | 225319   | 52.241   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 104.480% |
| 26) 1,2-Dichloroethane-d4     | 5.703   | 65    | 147845   | 55.890   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 111.780% |
| 32) Benzene-d6                | 5.732   | 84    | 454977   | 54.146   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 108.300% |
| 36) 1,2-Dichloropropane-d6    | 6.694   | 67    | 145310   | 56.309   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 112.620% |
| 41) Toluene-d8                | 7.899   | 98    | 422999   | 51.668   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 103.340% |
| 43) trans-1,3-Dichloroprop... | 8.182   | 79    | 69102    | 52.856   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 105.720% |
| 47) 2-Hexanone-d5             | 8.639   | 63    | 184261   | 121.973  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 121.970% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758  | 84    | 237306   | 53.584   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 107.160% |
| 66) 1,2-Dichlorobenzene-d4    | 12.195  | 152   | 185353   | 56.732   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 113.460% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.575   | 101   | 1514     | 0.632    | ug/L # | 18       |
| 12) 1,1-Dichloroethene        | 2.575   | 96    | 1389     | 0.623    | ug/L # | 1        |
| 44) trans-1,3-Dichloropropene | 8.182   | 75    | 3231     | 0.849    | ug/L   | 84       |
| 71) Naphthalene               | 14.089  | 128   | 34534    | 2.952    | ug/L   | 98       |
| -----                         |         |       |          |          |        |          |

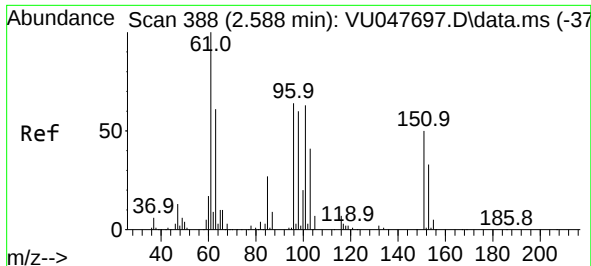
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU032622\  
Data File : VU047698.D  
Acq On : 26 Mar 2022 10:55  
Operator : SY/MD  
Sample : VU0326WBL01  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VBLK073

Quant Time: Mar 28 05:06:34 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM032422WMA.M  
Quant Title : VOC Analysis  
QLast Update : Mon Mar 28 05:05:44 2022  
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.632 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.013 min

Lab File: VU047698.D

Acq: 26 Mar 2022 10:55

Instrument :

MSVOA\_U

ClientSampleId :

VBLK073

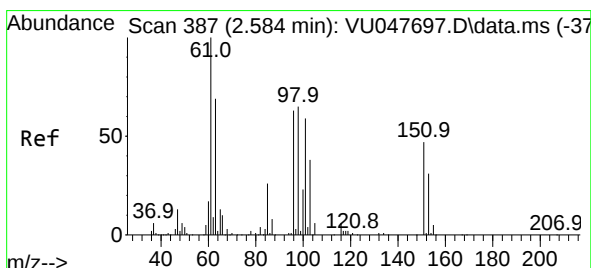
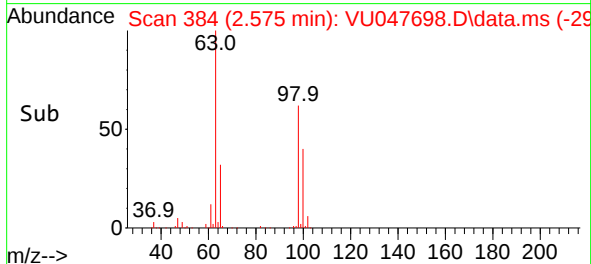
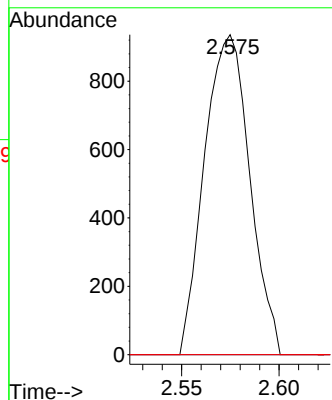
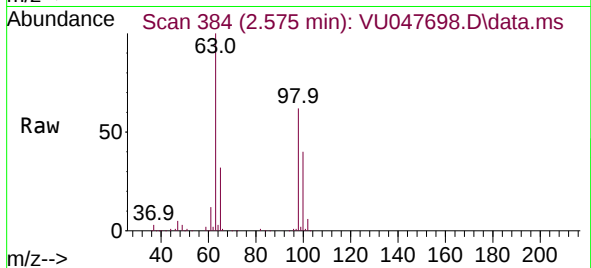
Tgt Ion:101 Resp: 1514

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

151 0.0 63.0 94.6#



#12

1,1-Dichloroethene

Concen: 0.623 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.010 min

Lab File: VU047698.D

Acq: 26 Mar 2022 10:55

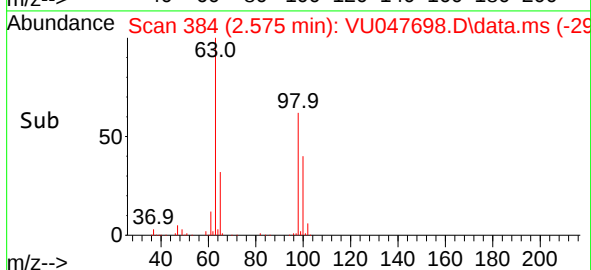
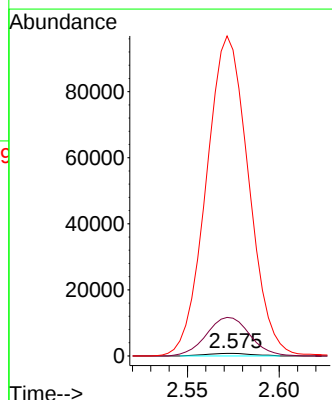
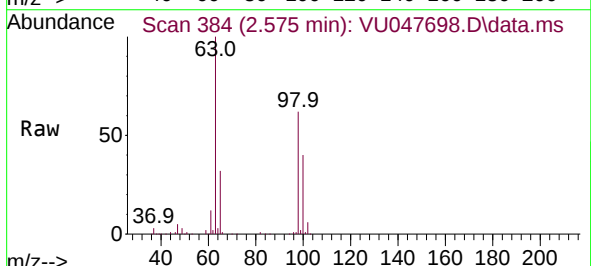
Tgt Ion: 96 Resp: 1389

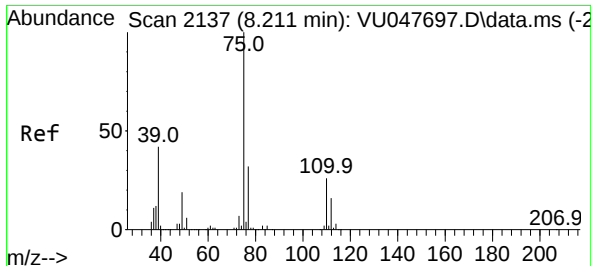
Ion Ratio Lower Upper

96 100

61 1445.9 113.1 210.1#

63 11709.7 94.8 176.0#

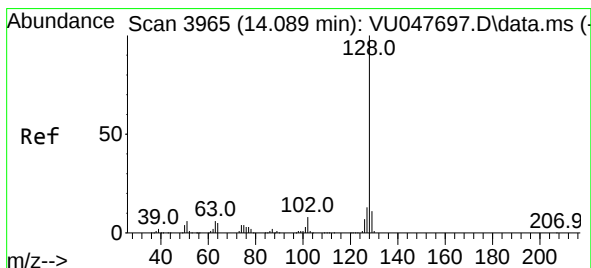
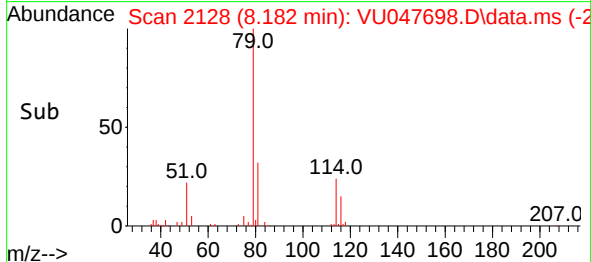
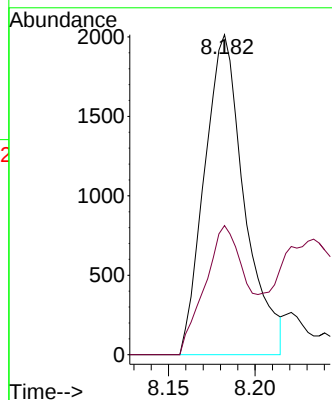
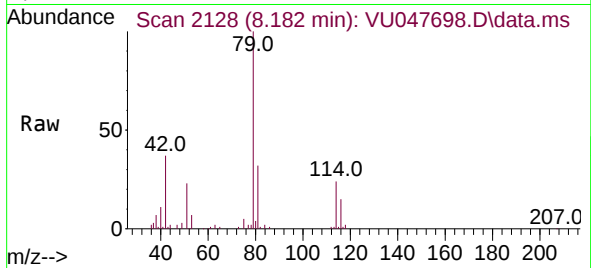




#44  
trans-1,3-Dichloropropene  
Concen: 0.849 ug/L  
RT: 8.182 min Scan# 2137  
Delta R.T. -0.029 min  
Lab File: VU047698.D  
Acq: 26 Mar 2022 10:55

Instrument :  
MSVOA\_U  
ClientSampleId :  
VBLK073

Tgt Ion: 75 Resp: 3231  
Ion Ratio Lower Upper  
75 100  
77 40.4 22.0 40.8



#71  
Naphthalene  
Concen: 2.952 ug/L  
RT: 14.089 min Scan# 3965  
Delta R.T. 0.000 min  
Lab File: VU047698.D  
Acq: 26 Mar 2022 10:55

Tgt Ion: 128 Resp: 34534  
Ion Ratio Lower Upper  
128 100  
127 14.3 10.2 15.2  
129 11.1 8.8 13.2

