

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW102721\  
 Data File : VW023062.D  
 Acq On : 27 Oct 2021 16:46  
 Operator : SY/MD  
 Sample : M4277-12  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFGB9

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 10/29/2021  
 Supervised By :Semsettin Yesilyurt 11/02/2021

Quant Time: Oct 28 01:47:06 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR102221WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Oct 28 01:43:46 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114            | 133876   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.853  | 117            | 135343   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252 | 152            | 57844    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65             | 47759    | 4.083  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 81.600%  |          |
| 7) Chloroethane-d5            | 1.568  | 69             | 36689    | 5.070  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 101.400% |          |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63             | 44281    | 2.624  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 52.400%# |          |
| 20) 2-Butanone-d5             | 3.899  | 46             | 107174   | 57.111 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 114.220% |          |
| 24) Chloroform-d              | 4.352  | 84             | 99528    | 5.233  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 104.600% |          |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65             | 46315    | 5.166  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 103.400% |          |
| 32) Benzene-d6                | 5.053  | 84             | 191908   | 4.857  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 97.200%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67             | 61093    | 5.022  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 100.400% |          |
| 41) Toluene-d8                | 7.320  | 98             | 162162   | 4.569  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 91.400%  |          |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 19433    | 4.560  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 91.200%  |          |
| 46) 2-Hexanone-d5             | 8.091  | 63             | 75183    | 47.648 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 95.300%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84             | 39507    | 4.704  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 94.000%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152            | 57918    | 5.612  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 112.200% |          |
|                               |        |                |          |        |          |          |
| Target Compounds              | Qvalue |                |          |        |          |          |
| 13) Acetone                   | 2.191  | 43             | 2982m    | 3.239  | ug/L     |          |
| 17) Methyl tert-butyl Ether   | 2.767  | 73             | 2289     | 0.140  | ug/L #   | 90       |
| 25) Chloroform                | 4.378  | 83             | 24243    | 1.365  | ug/L     | 93       |
| 34) Trichloroethene           | 5.928  | 95             | 620      | 0.068  | ug/L #   | 70       |
| 42) Toluene                   | 7.397  | 91             | 8155     | 0.221  | ug/L     | 90       |
| 47) Tetrachloroethene         | 7.982  | 164            | 2806     | 0.363  | ug/L     | 94       |
| -----                         |        |                |          |        |          |          |

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

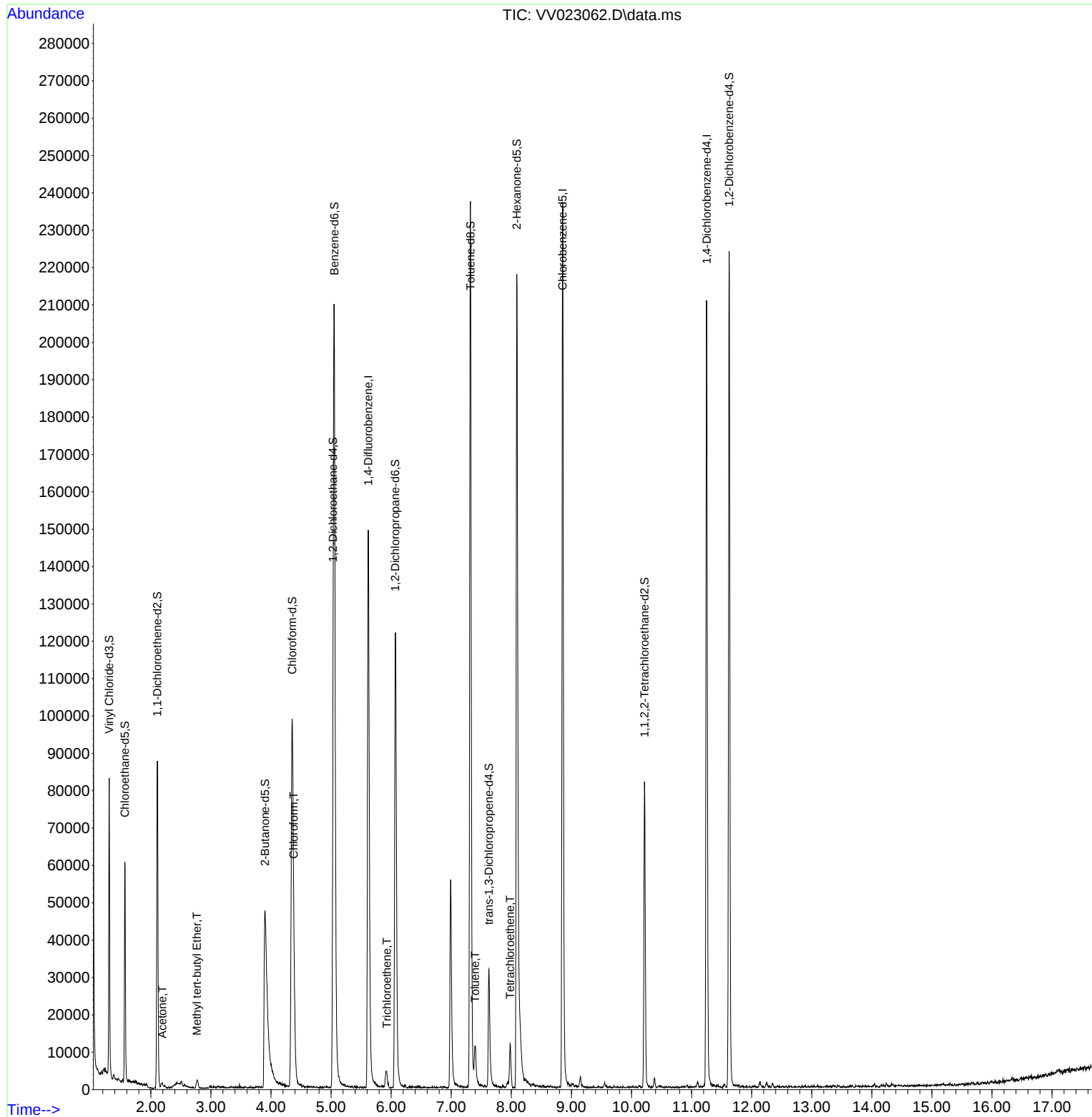
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV102721\  
Data File : VV023062.D  
Acq On : 27 Oct 2021 16:46  
Operator : SY/MD  
Sample : M4277-12  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 11 Sample Multiplier: 1

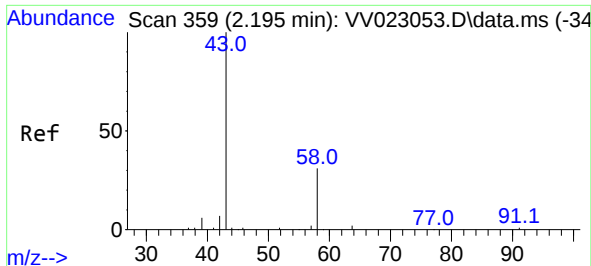
Instrument :  
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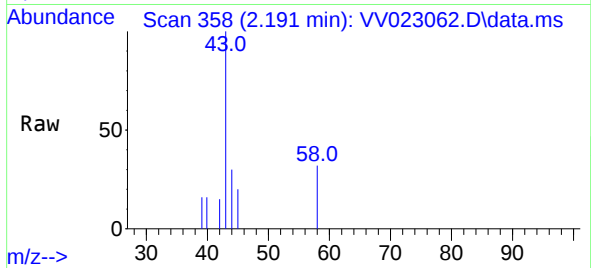
Quant Time: Oct 28 01:47:06 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR102221WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Oct 28 01:43:46 2021  
Response via : Initial Calibration





#13  
Acetone  
Concen: 3.239 ug/L m  
RT: 2.191 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VV023062.D  
Acq: 27 Oct 2021 16:46

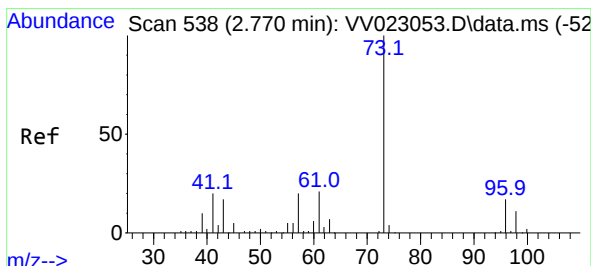
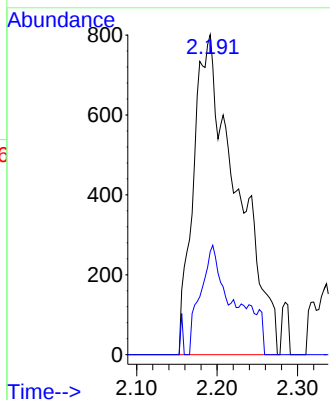
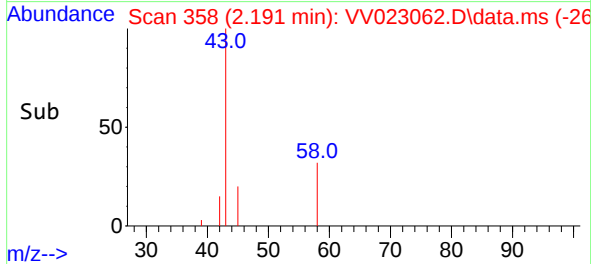
Instrument :  
MSVOA\_V  
ClientSampleId :  
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Tgt Ion: 43 Resp: 298  
Ion Ratio Lower Upper  
43 100  
58 20.6 0.0 55.4

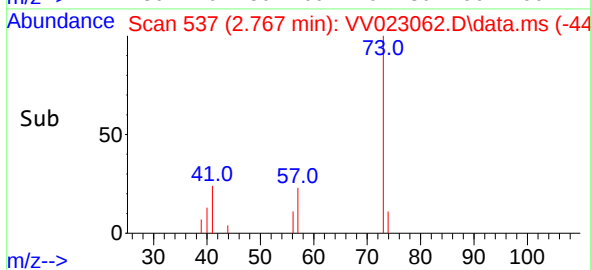
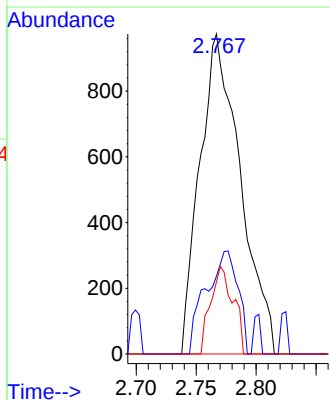
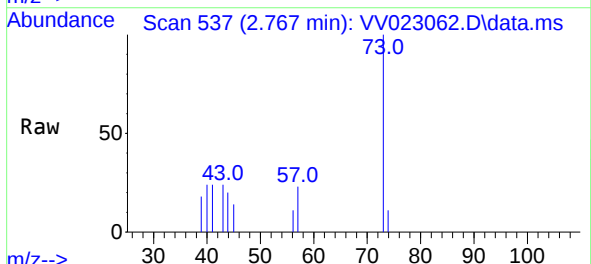
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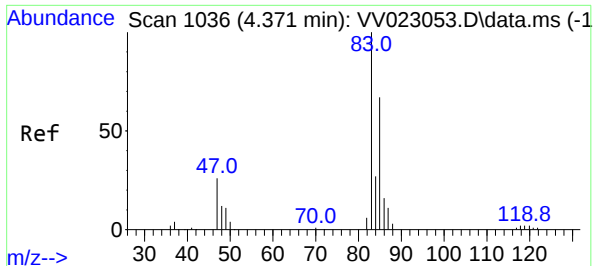
Reviewed By :Mahesh Dadoda 10/29/2021  
Supervised By :Semsettin Yesilyurt 11/02/2021



#17  
Methyl tert-butyl Ether  
Concen: 0.140 ug/L  
RT: 2.767 min Scan# 537  
Delta R.T. -0.003 min  
Lab File: VV023062.D  
Acq: 27 Oct 2021 16:46

Tgt Ion: 73 Resp: 2289  
Ion Ratio Lower Upper  
73 100  
43 25.4 17.4 26.0  
57 15.2 16.5 24.7#





#25

Chloroform

Concen: 1.365 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV023062.D

Acq: 27 Oct 2021 16:46

Instrument :

MSVOA\_V

ClientSampleId :

BFGB9

Tgt Ion: 83 Resp: 2424

Ion Ratio Lower Upper

83 100

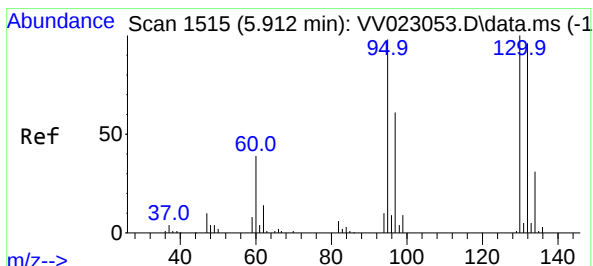
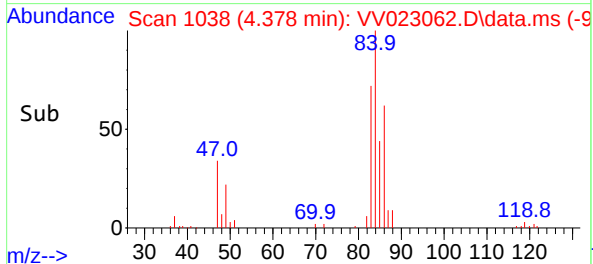
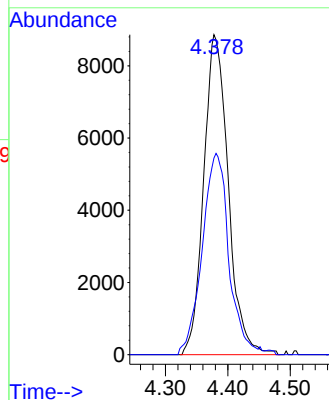
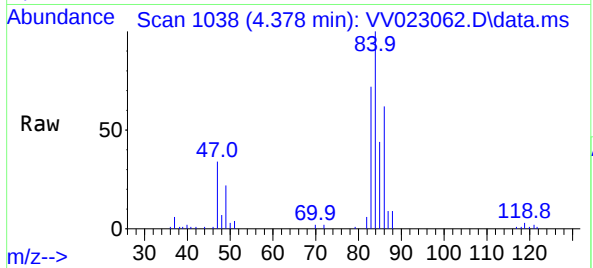
85 61.4 46.8 86.8

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#34

Trichloroethene

Concen: 0.068 ug/L

RT: 5.928 min Scan# 1520

Delta R.T. 0.016 min

Lab File: VV023062.D

Acq: 27 Oct 2021 16:46

Tgt Ion: 95 Resp: 620

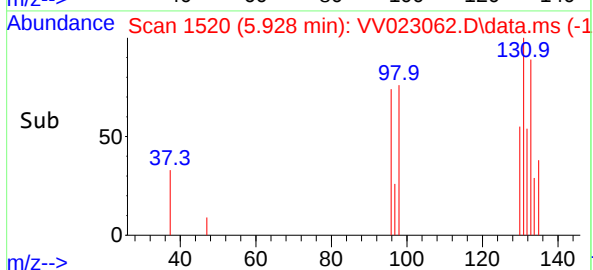
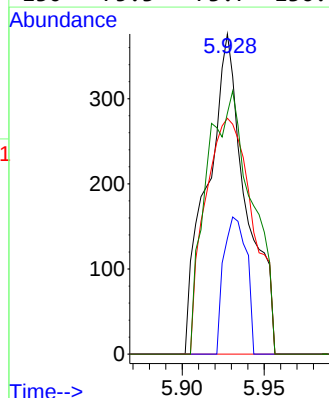
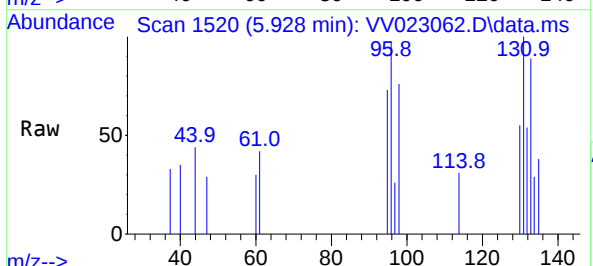
Ion Ratio Lower Upper

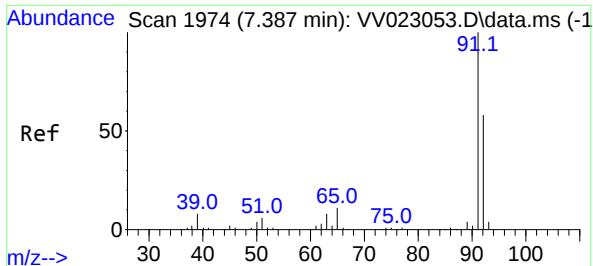
95 100

97 36.2 45.0 83.6

132 73.7 69.7 129.4

130 75.3 73.7 136.9





#42

Toluene

Concen: 0.221 ug/L

RT: 7.397 min Scan# 1974

Delta R.T. 0.010 min

Lab File: VV023062.D

Acq: 27 Oct 2021 16:46

Instrument :

MSVOA\_V

ClientSampleId :

BFGB9

Tgt Ion: 91 Resp: 815

Ion Ratio Lower Upper

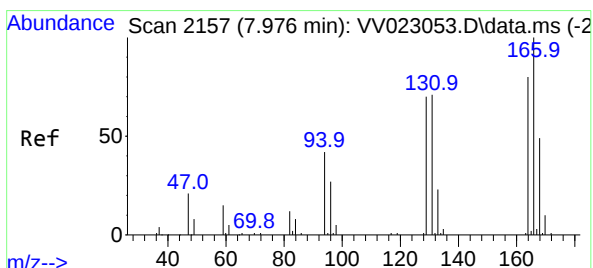
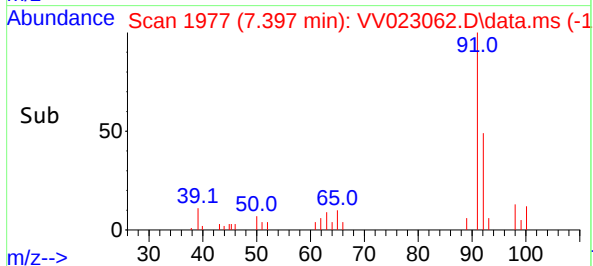
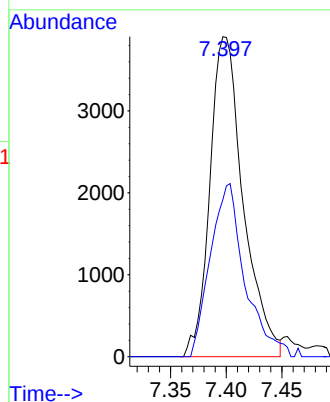
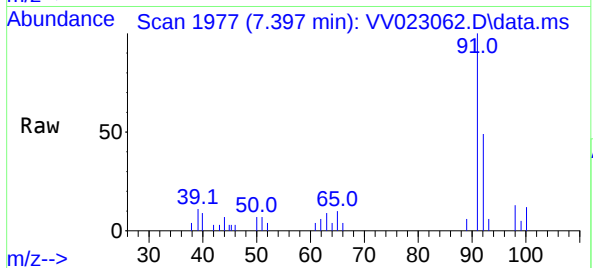
91 100

92 49.1 39.3 72.9

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#47

Tetrachloroethene

Concen: 0.363 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.006 min

Lab File: VV023062.D

Acq: 27 Oct 2021 16:46

Tgt Ion:164 Resp: 2806

Ion Ratio Lower Upper

164 100

129 93.0 64.0 119.0

131 91.4 63.4 117.8

166 142.9 89.3 165.9

