

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW102621\  
 Data File : VW023046.D  
 Acq On : 26 Oct 2021 18:27  
 Operator : SY/MD  
 Sample : M4277-17  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFGE2

Quant Time: Oct 27 01:35:10 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR102221WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Oct 27 01:29:33 2021  
 Response via : Initial Calibration

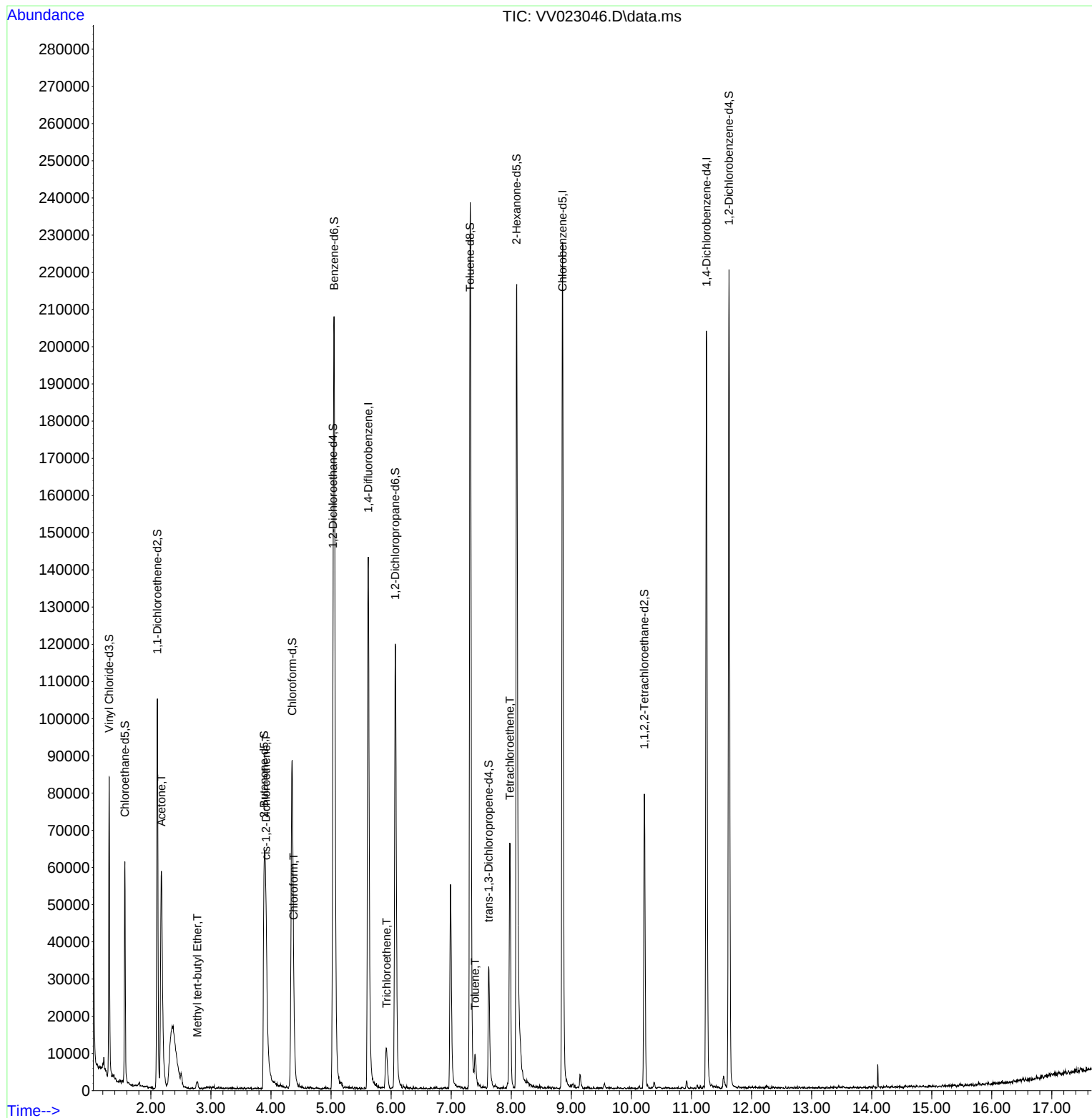
| Compound                      | R.T.   | QIon           | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|-----------|----------|
| Internal Standards            |        |                |          |        |           |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114            | 128882   | 5.000  | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 8.853  | 117            | 130033   | 5.000  | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 54724    | 5.000  | ug/L      | 0.00     |
| System Monitoring Compounds   |        |                |          |        |           |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65             | 50620    | 4.495  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 89.800%   |          |
| 7) Chloroethane-d5            | 1.568  | 69             | 34623    | 4.970  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 99.400%   |          |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63             | 53429    | 3.289  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 65.800%   |          |
| 20) 2-Butanone-d5             | 3.886  | 46             | 103419   | 57.246 | ug/L      | -0.02    |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 114.500%  |          |
| 24) Chloroform-d              | 4.352  | 84             | 91746    | 5.011  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 100.200%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65             | 45127    | 5.229  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 104.600%  |          |
| 32) Benzene-d6                | 5.053  | 84             | 191921   | 5.055  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 101.200%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67             | 60296    | 5.159  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 103.200%  |          |
| 41) Toluene-d8                | 7.317  | 98             | 161663   | 4.741  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 94.800%   |          |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 19790    | 4.833  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 96.600%   |          |
| 46) 2-Hexanone-d5             | 8.088  | 63             | 70567    | 46.549 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 93.100%   |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84             | 39248    | 4.864  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 97.200%   |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152            | 59443    | 6.088  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 121.800%# |          |
| Target Compounds              |        |                |          |        |           |          |
| 13) Acetone                   | 2.175  | 43             | 84848    | 95.728 | ug/L      | 92       |
| 17) Methyl tert-butyl Ether   | 2.773  | 73             | 1605     | 0.102  | ug/L #    | 84       |
| 22) cis-1,2-Dichloroethene    | 3.918  | 96             | 15292    | 1.915  | ug/L #    | 92       |
| 25) Chloroform                | 4.378  | 83             | 9976     | 0.583  | ug/L      | 99       |
| 34) Trichloroethene           | 5.928  | 95             | 3231     | 0.368  | ug/L      | 97       |
| 42) Toluene                   | 7.397  | 91             | 6646     | 0.187  | ug/L      | 94       |
| 47) Tetrachloroethene         | 7.979  | 164            | 15843    | 2.133  | ug/L      | 93       |

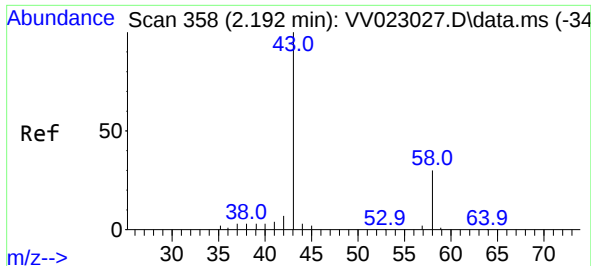
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Oct 27 01:29:33 2021  
Response via : Initial Calibration





#13

Acetone

Concen: 95.728 ug/L

RT: 2.175 min Scan# 3

Delta R.T. -0.016 min

Lab File: VV023046.D

Acq: 26 Oct 2021 18:27

Instrument :

MSVOA\_V

ClientSampleId :

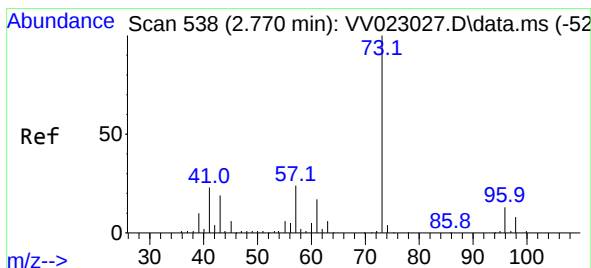
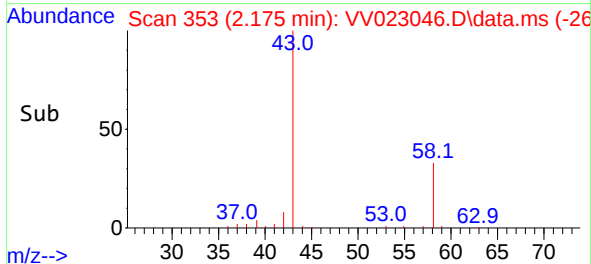
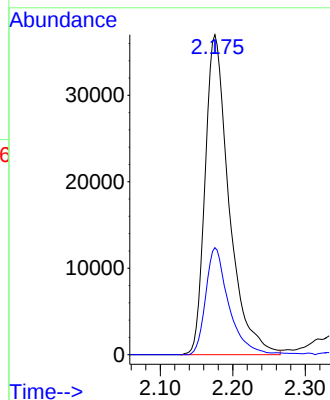
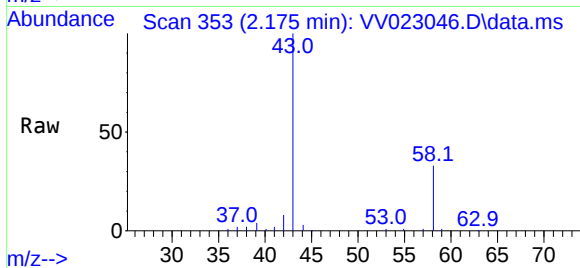
BFGE2

Tgt Ion: 43 Resp: 84848

Ion Ratio Lower Upper

43 100

58 32.1 0.0 55.4



#17

Methyl tert-butyl Ether

Concen: 0.102 ug/L

RT: 2.773 min Scan# 539

Delta R.T. 0.003 min

Lab File: VV023046.D

Acq: 26 Oct 2021 18:27

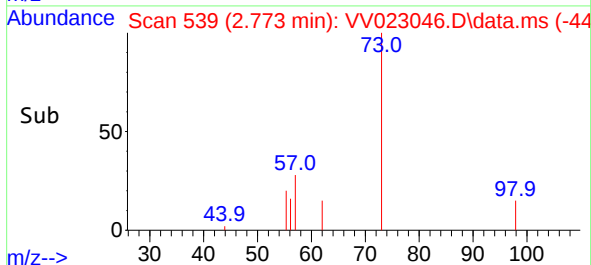
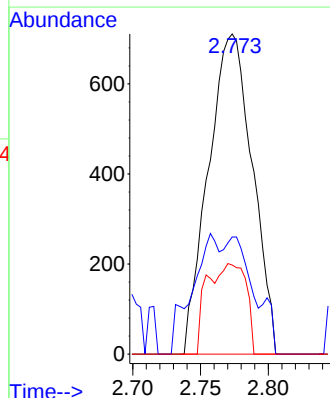
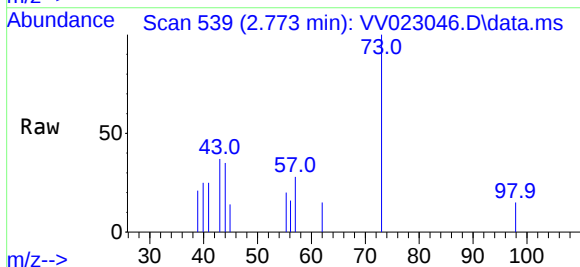
Tgt Ion: 73 Resp: 1605

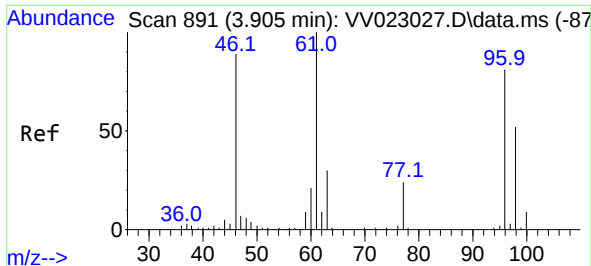
Ion Ratio Lower Upper

73 100

43 10.3 17.4 26.0#

57 17.2 16.5 24.7

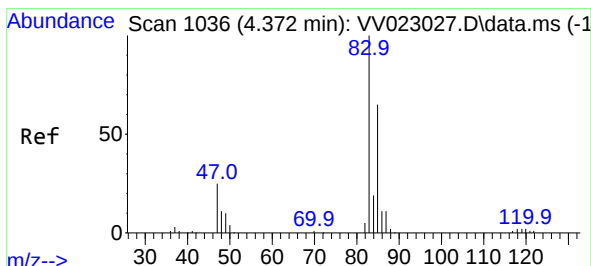
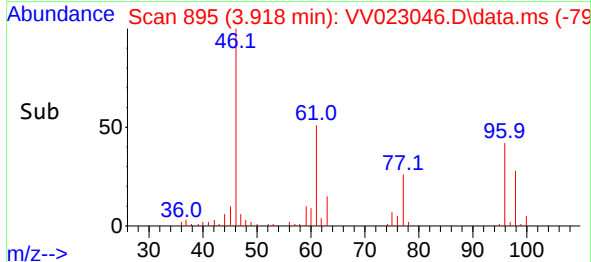
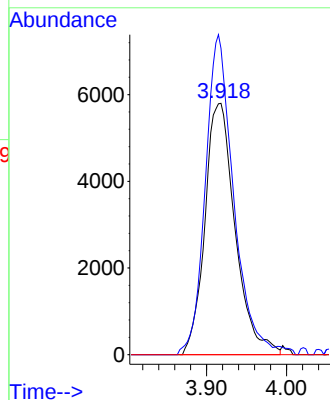
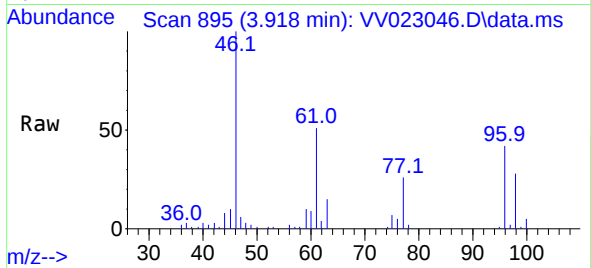




#22  
cis-1,2-Dichloroethene  
Concen: 1.915 ug/L  
RT: 3.918 min Scan# 891  
Delta R.T. 0.013 min  
Lab File: VV023046.D  
Acq: 26 Oct 2021 18:27

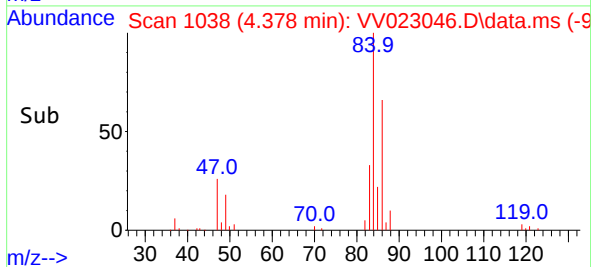
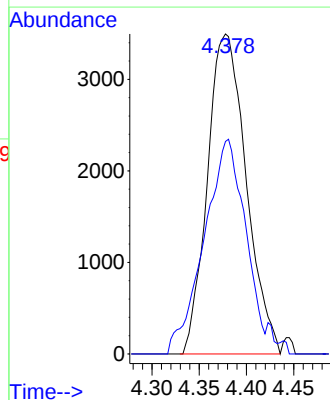
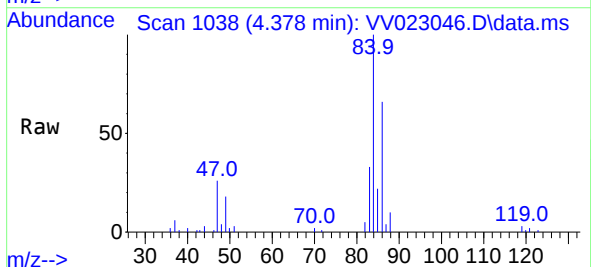
Instrument :  
MSVOA\_V  
ClientSampleId :  
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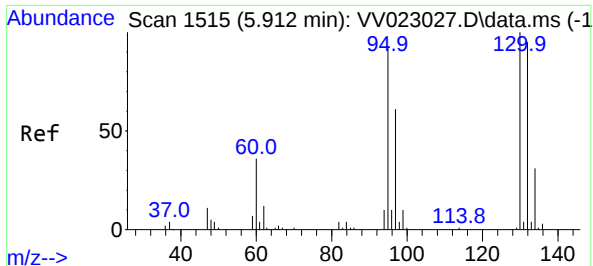
Tgt Ion: 96 Resp: 15292  
Ion Ratio Lower Upper  
96 100  
61 121.8 92.3 171.3  
68 0.0 0.4 0.8#



#25  
Chloroform  
Concen: 0.583 ug/L  
RT: 4.378 min Scan# 1038  
Delta R.T. 0.006 min  
Lab File: VV023046.D  
Acq: 26 Oct 2021 18:27

Tgt Ion: 83 Resp: 9976  
Ion Ratio Lower Upper  
83 100  
85 66.4 46.8 86.8





#34

Trichloroethene

Concen: 0.368 ug/L

RT: 5.928 min Scan# 11

Delta R.T. 0.016 min

Lab File: VV023046.D

Acq: 26 Oct 2021 18:27

Instrument :

MSVOA\_V

ClientSampleId :

BFGE2

Tgt Ion: 95 Resp: 3231

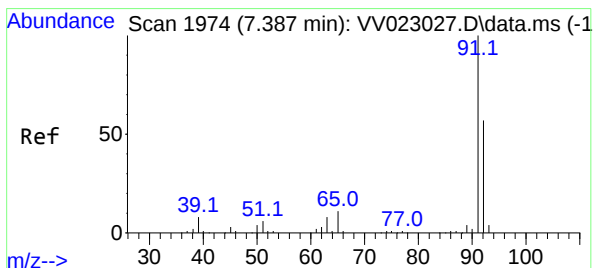
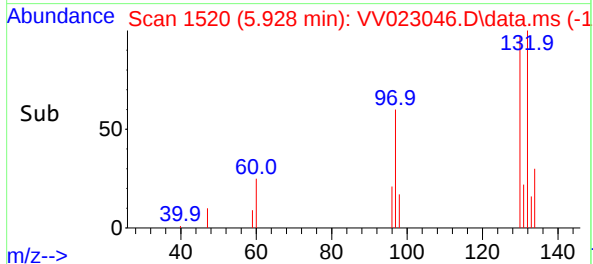
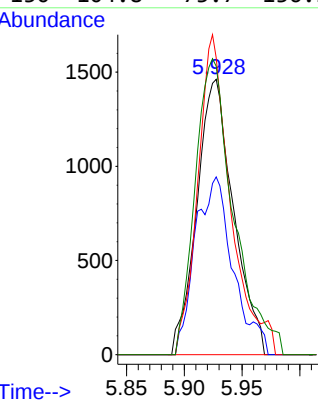
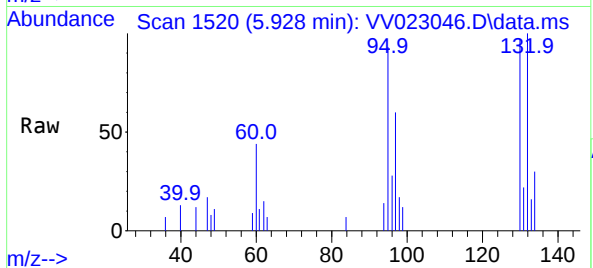
Ion Ratio Lower Upper

95 100

97 64.6 45.0 83.6

132 107.9 69.7 129.4

130 104.8 73.7 136.9



#42

Toluene

Concen: 0.187 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.009 min

Lab File: VV023046.D

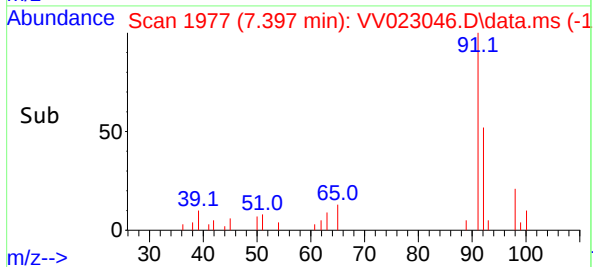
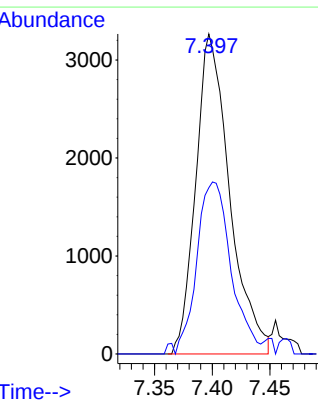
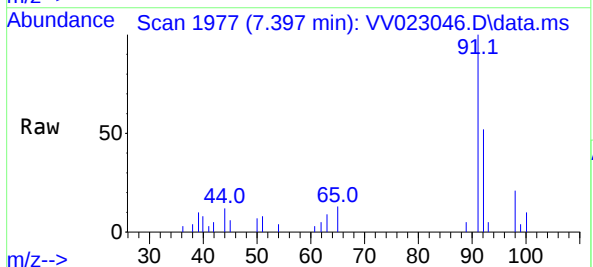
Acq: 26 Oct 2021 18:27

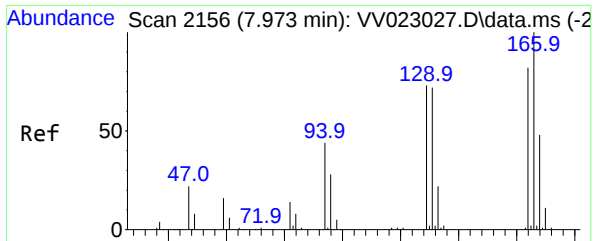
Tgt Ion: 91 Resp: 6646

Ion Ratio Lower Upper

91 100

92 52.0 39.3 72.9





#47  
 Tetrachloroethene  
 Concen: 2.133 ug/L  
 RT: 7.979 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: VV023046.D  
 Acq: 26 Oct 2021 18:27

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 MSVOA\_V  
 ClientSampleId :  
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Tgt Ion:164 Resp: 15843

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 87.5  | 64.0  | 119.0 |
| 131 | 82.4  | 63.4  | 117.8 |
| 166 | 118.4 | 89.3  | 165.9 |

