

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW051622\  
 Data File : VW025910.D  
 Acq On : 16 May 2022 14:21  
 Operator : SY/MD  
 Sample : N2831-04  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 YB2K1

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 05/17/2022  
 Supervised By : Mahesh Dadoda 05/19/2022

Quant Time: May 17 08:01:43 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR051322WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue May 17 07:58:29 2022  
 Response via : Initial Calibration

| Compound                      | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                         |           |                |          |            |        |          |
| Internal Standards            |           |                |          |            |        |          |
| 1) 1,4-Difluorobenzene        | 5.619     | 114            | 168464   | 5.000      | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.853     | 117            | 175136   | 5.000      | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249    | 152            | 79833    | 5.000      | ug/L   | 0.00     |
|                               |           |                |          |            |        |          |
| System Monitoring Compounds   |           |                |          |            |        |          |
| 4) Vinyl Chloride-d3          | 1.307     | 65             | 72280    | 5.195      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 40 - 130 | Recovery | = 103.800% |        |          |
| 7) Chloroethane-d5            | 1.568     | 69             | 63685    | 5.346      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 130 | Recovery | = 107.000% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.108     | 63             | 113463   | 3.684      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 125 | Recovery | = 73.600%  |        |          |
| 20) 2-Butanone-d5             | 3.918     | 46             | 71857    | 44.596     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 40 - 130 | Recovery | = 89.200%  |        |          |
| 24) Chloroform-d              | 4.352     | 84             | 115695   | 5.091      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 101.800% |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.037     | 65             | 51905    | 5.386      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 107.800% |        |          |
| 32) Benzene-d6                | 5.053     | 84             | 232548   | 5.113      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 102.200% |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.072     | 67             | 71845    | 5.434      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 140 | Recovery | = 108.600% |        |          |
| 41) Toluene-d8                | 7.317     | 98             | 193582   | 4.579      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 91.600%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.625     | 79             | 18669    | 4.318      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 55 - 130 | Recovery | = 86.400%  |        |          |
| 46) 2-Hexanone-d5             | 8.091     | 63             | 84307    | 52.512     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 45 - 130 | Recovery | = 105.020% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217    | 84             | 46480    | 5.457      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 120 | Recovery | = 109.200% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625    | 152            | 62869    | 5.531      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 80 - 120 | Recovery | = 110.600% |        |          |
|                               |           |                |          |            |        |          |
| Target Compounds              |           |                |          |            |        | Qvalue   |
| 13) Acetone                   | 2.211     | 43             | 18924m   | 12.182     | ug/L   |          |
| 14) Carbon disulfide          | 2.294     | 76             | 10978    | 0.263      | ug/L   | 97       |
| 17) Methyl tert-butyl Ether   | 2.777     | 73             | 3709     | 0.144      | ug/L # | 79       |
| 22) cis-1,2-Dichloroethene    | 3.915     | 96             | 8229     | 0.571      | ug/L   | 89       |
| 34) Trichloroethene           | 5.924     | 95             | 5332     | 0.352      | ug/L   | 95       |
| 47) Tetrachloroethene         | 7.976     | 164            | 18605    | 1.585      | ug/L   | 99       |
| -----                         |           |                |          |            |        |          |

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

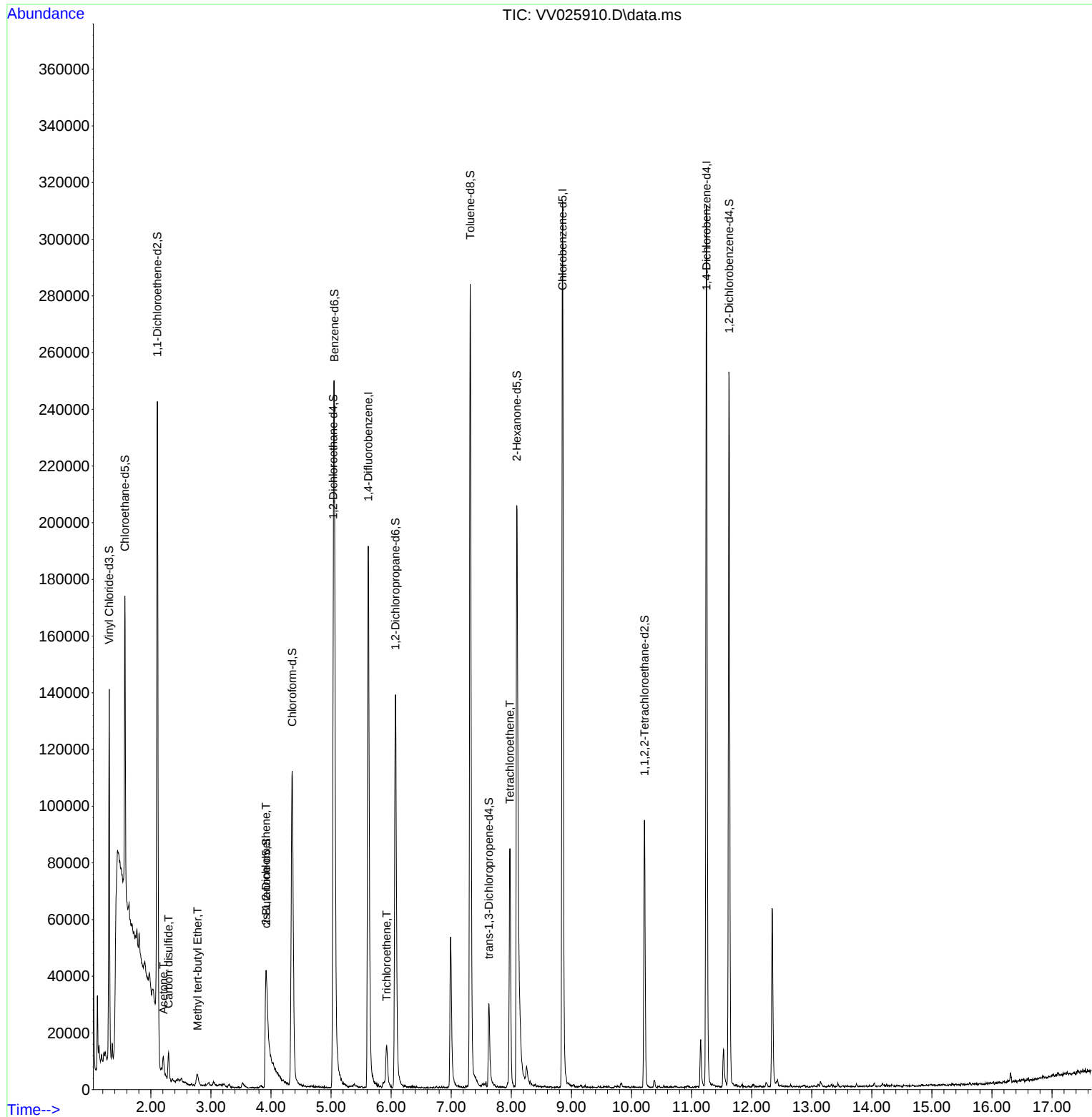
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV051622\  
Data File : VV025910.D  
Acq On : 16 May 2022 14:21  
Operator : SY/MD  
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ALS Vial : 13 Sample Multiplier: 1

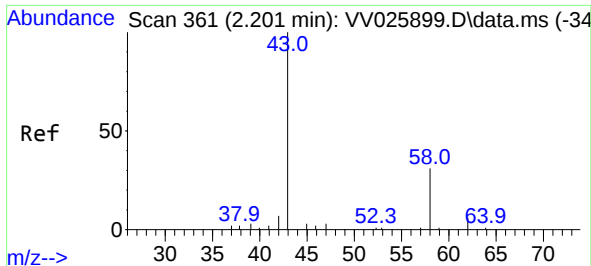
Instrument :  
MSVOA\_V  
ClientSampleId :  
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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue May 17 07:58:29 2022  
Response via : Initial Calibration





#13

Acetone

Concen: 12.182 ug/L m

RT: 2.211 min Scan# 3

Delta R.T. 0.010 min

Lab File: VV025910.D

Acq: 16 May 2022 14:21

Instrument :

MSVOA\_V

ClientSampleId :

YB2K1

Tgt Ion: 43 Resp: 18924

Ion Ratio Lower Upper

43 100

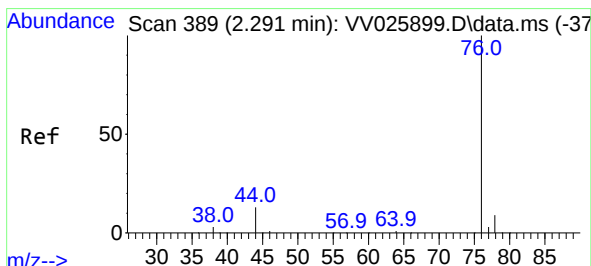
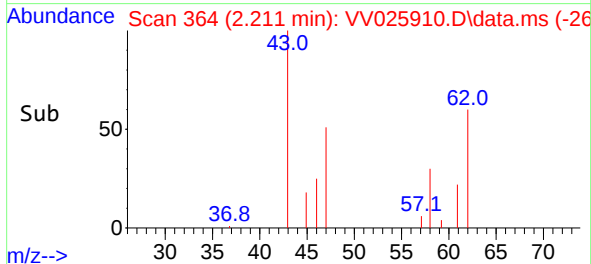
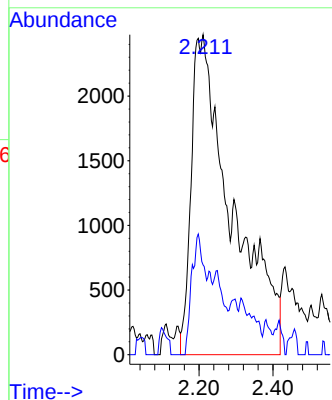
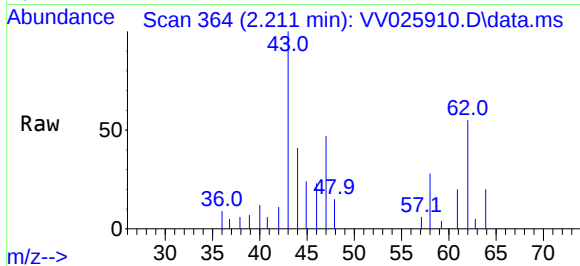
58 0.0 0.0 44.6

Manual Integrations

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#14

Carbon disulfide

Concen: 0.263 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.003 min

Lab File: VV025910.D

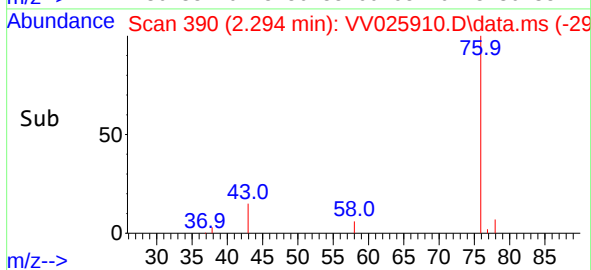
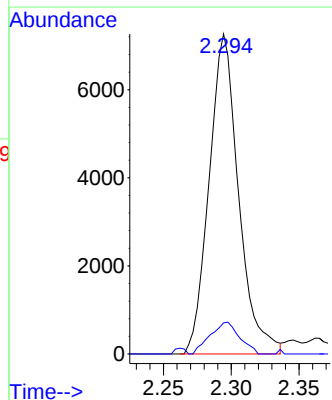
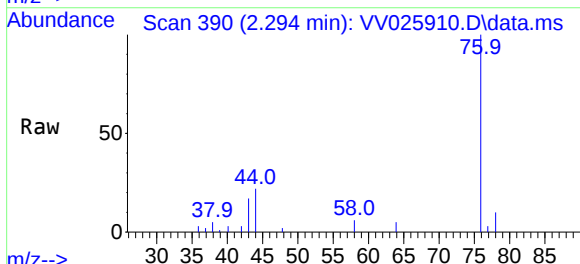
Acq: 16 May 2022 14:21

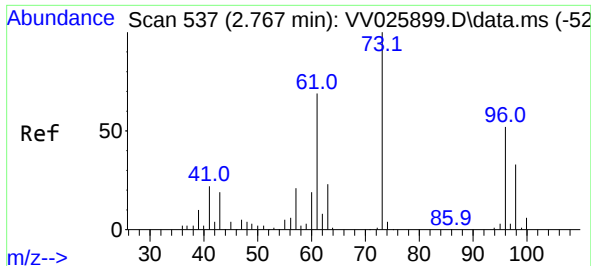
Tgt Ion: 76 Resp: 10978

Ion Ratio Lower Upper

76 100

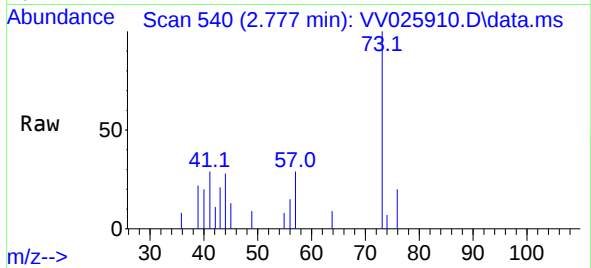
78 9.7 7.0 10.6





#17  
Methyl tert-butyl Ether  
Concen: 0.144 ug/L  
RT: 2.777 min Scan# 540  
Delta R.T. 0.010 min  
Lab File: VV025910.D  
Acq: 16 May 2022 14:21

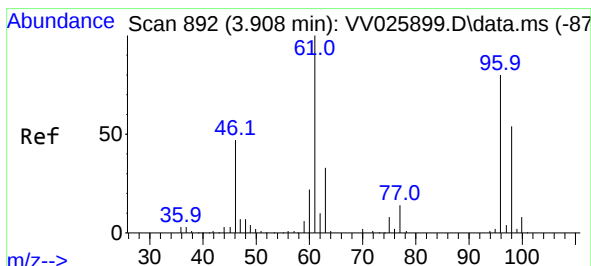
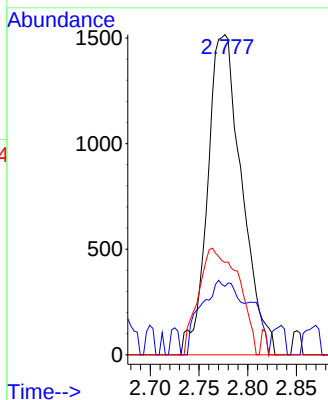
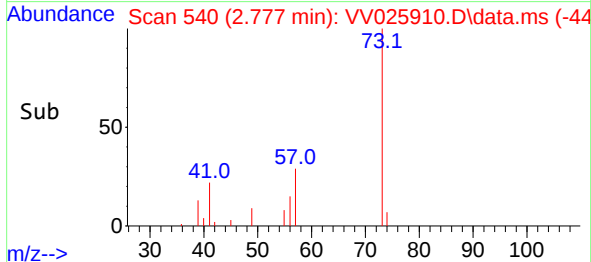
Instrument :  
MSVOA\_V  
ClientSampleId :  
YB2K1



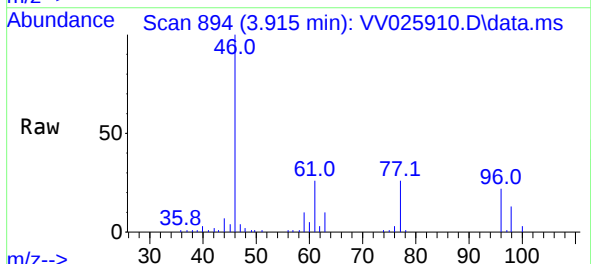
Tgt Ion: 73 Resp: 3709  
Ion Ratio Lower Upper  
73 100  
43 16.4 14.6 22.0  
57 38.9 17.9 26.9

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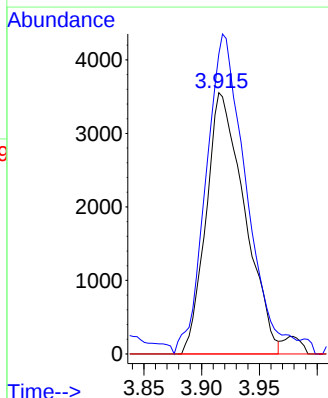
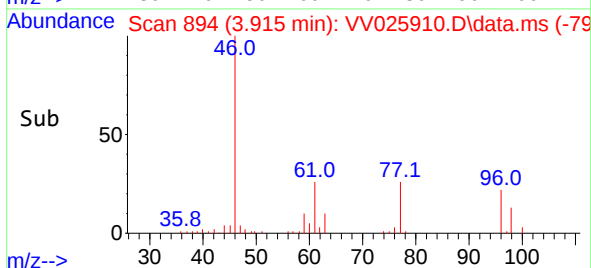
Reviewed By :John Carlone 05/17/2022  
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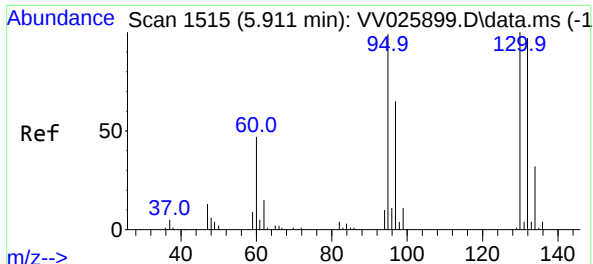


#22  
cis-1,2-Dichloroethene  
Concen: 0.571 ug/L  
RT: 3.915 min Scan# 894  
Delta R.T. 0.006 min  
Lab File: VV025910.D  
Acq: 16 May 2022 14:21



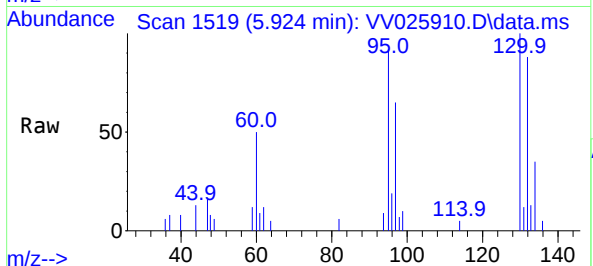
Tgt Ion: 96 Resp: 8229  
Ion Ratio Lower Upper  
96 100  
61 114.8 88.9 165.1  
68 0.0 0.0 0.0





#34  
Trichloroethene  
Concen: 0.352 ug/L  
RT: 5.924 min Scan# 11  
Delta R.T. 0.013 min  
Lab File: VV025910.D  
Acq: 16 May 2022 14:21

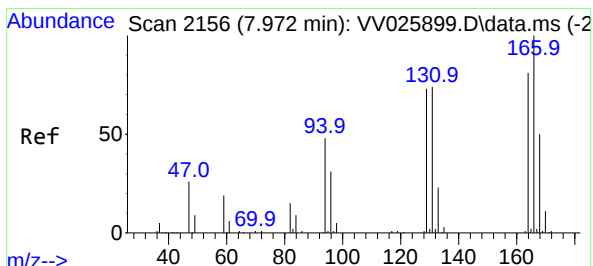
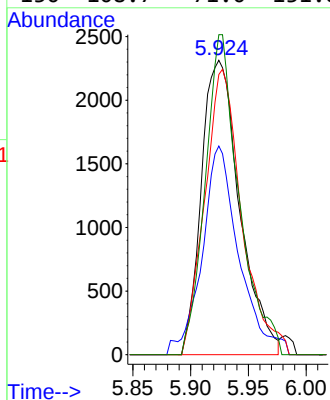
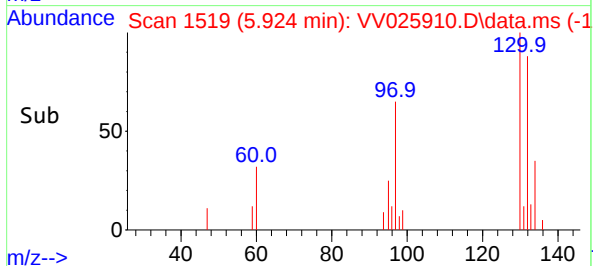
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MSVOA\_V  
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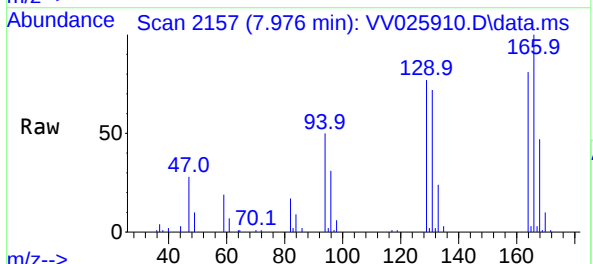
Tgt Ion: 95 Resp: 533  
Ion Ratio Lower Upper  
95 100  
97 70.9 44.9 83.3  
132 95.2 67.6 125.6  
130 108.7 71.0 131.8

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#47  
Tetrachloroethene  
Concen: 1.585 ug/L  
RT: 7.976 min Scan# 2157  
Delta R.T. 0.003 min  
Lab File: VV025910.D  
Acq: 16 May 2022 14:21



Tgt Ion:164 Resp: 18605  
Ion Ratio Lower Upper  
164 100  
129 94.9 67.5 125.4  
131 89.3 63.8 118.4  
166 123.6 86.9 161.3

