

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV100521\  
 Data File : VV022599.D  
 Acq On : 06 Oct 2021 03:49  
 Operator : SY/MD  
 Sample : M4050-04  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GB7C0

Manual Integrations  
 APPROVED

MMDadoda  
 10/7/2021 9:33:36 AM

Quant Time: Oct 06 08:09:09 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100421WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Oct 06 07:50:25 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114            | 102481   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.853  | 117            | 100155   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252 | 152            | 45395    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65             | 15581    | 4.745  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 95.000%  |          |
| 7) Chloroethane-d5            | 1.564  | 69             | 24017    | 5.426  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 108.600% |          |
| 11) 1,1-Dichloroethene-d2     | 2.104  | 63             | 31499    | 3.306  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 66.200%  |          |
| 20) 2-Butanone-d5             | 3.899  | 46             | 96714    | 49.829 | ug/L     | -0.01    |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 99.660%  |          |
| 24) Chloroform-d              | 4.349  | 84             | 56634    | 4.479  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 89.600%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65             | 29250    | 4.911  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 98.200%  |          |
| 32) Benzene-d6                | 5.050  | 84             | 102831   | 4.556  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 91.200%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67             | 35050    | 4.402  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 88.000%  |          |
| 41) Toluene-d8                | 7.320  | 98             | 78651    | 4.157  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 83.200%  |          |
| 43) trans-1,3-Dichloroprop... | 7.628  | 79             | 8673     | 4.116  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 82.400%  |          |
| 46) 2-Hexanone-d5             | 8.091  | 63             | 66315    | 50.825 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 101.660% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84             | 28232    | 4.666  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 93.400%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152            | 35532    | 5.060  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 101.200% |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 12) 1,1-Dichloroethene        | 2.108  | 96             | 543      | 0.086  | ug/L     | # 1      |
| 13) Acetone                   | 2.188  | 43             | 4983m    | 4.774  | ug/L     |          |
| 14) Carbon disulfide          | 2.291  | 76             | 1723     | 0.094  | ug/L     | 95       |
| 22) cis-1,2-Dichloroethene    | 3.911  | 96             | 6716     | 0.905  | ug/L     | 100      |
| 34) Trichloroethene           | 5.921  | 95             | 5640     | 0.719  | ug/L     | 98       |
| 42) Toluene                   | 7.397  | 91             | 5942     | 0.210  | ug/L     | 92       |
| 53) m,p-xylene                | 9.146  | 106            | 1441     | 0.130  | ug/L     | 99       |
| -----                         |        |                |          |        |          |          |

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

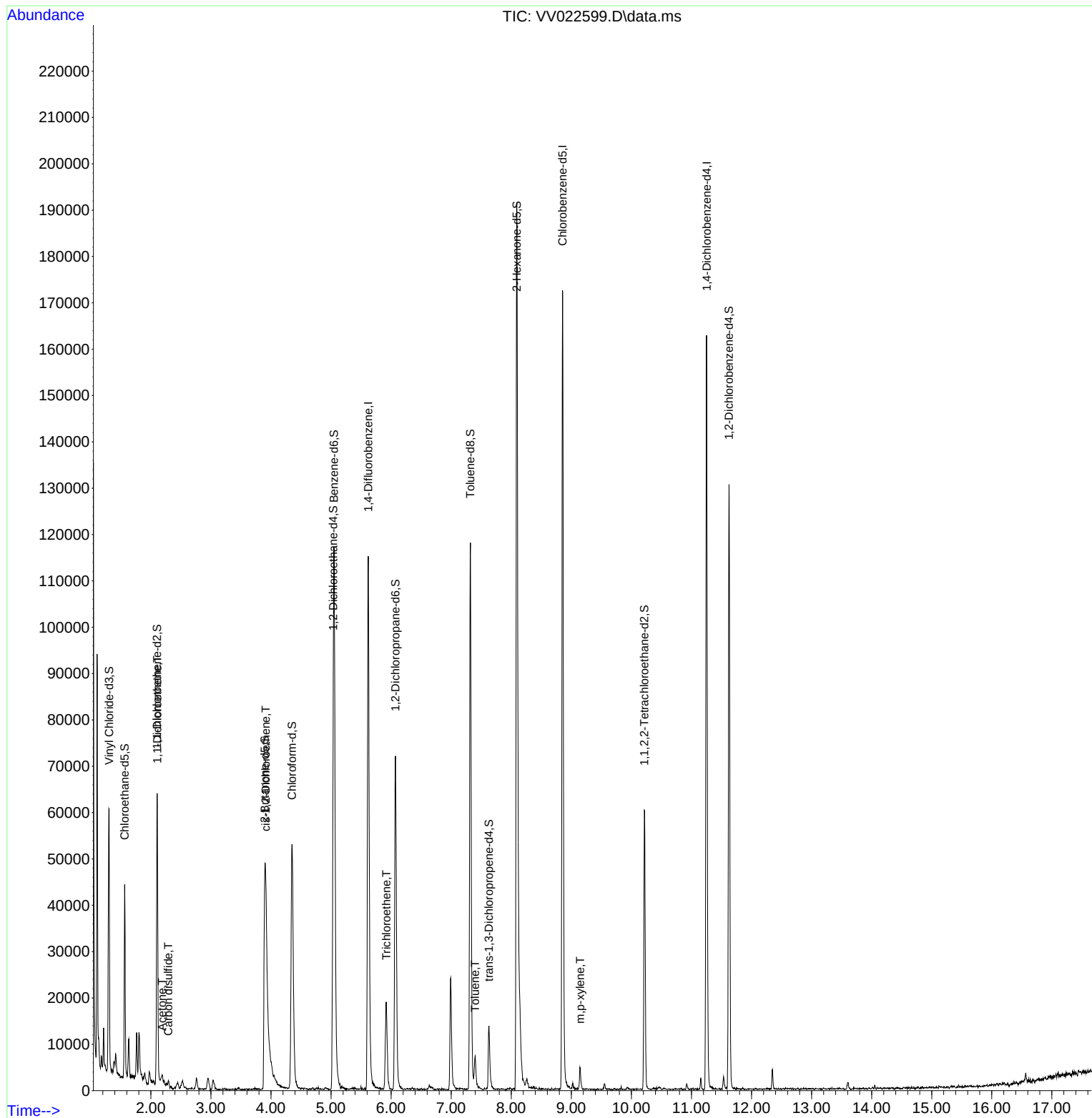
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV100521\  
Data File : VV022599.D  
Acq On : 06 Oct 2021 03:49  
Operator : SY/MD  
Sample : M4050-04  
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ALS Vial : 43 Sample Multiplier: 1

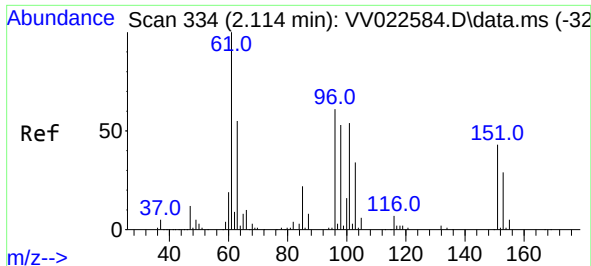
Instrument :  
MSVOA\_V  
ClientSampleId :  
GB7C0

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Quant Time: Oct 06 08:09:09 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100421WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Oct 06 07:50:25 2021  
Response via : Initial Calibration





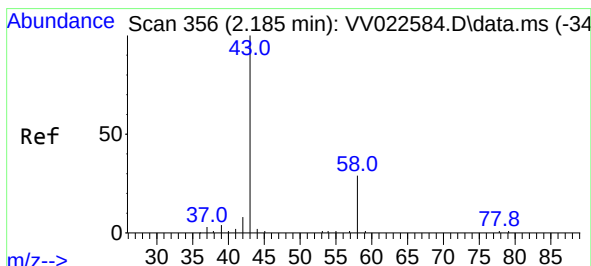
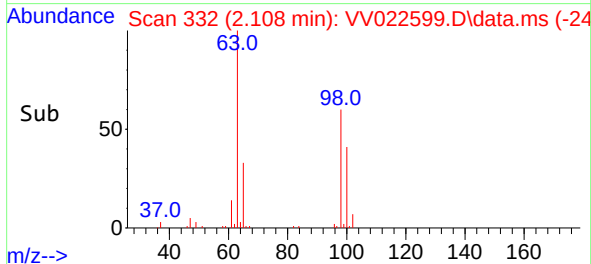
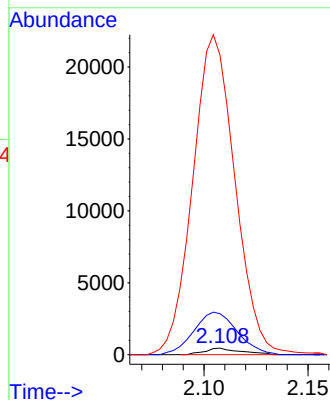
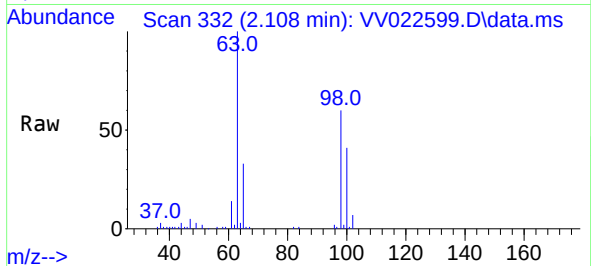
#12  
1,1-Dichloroethene  
Concen: 0.086 ug/L  
RT: 2.108 min Scan# 332  
Delta R.T. -0.007 min  
Lab File: VV022599.D  
Acq: 06 Oct 2021 03:49

Tgt Ion: 96 Resp: 543  
Ion Ratio Lower Upper  
96 100  
61 616.9 113.2 210.2#  
63 4505.6 66.6 123.8#

Instrument :  
MSVOA\_V  
ClientSampled :  
GB7C0

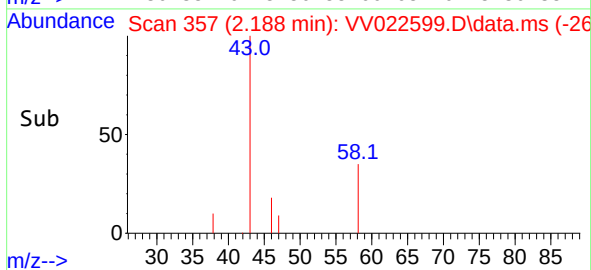
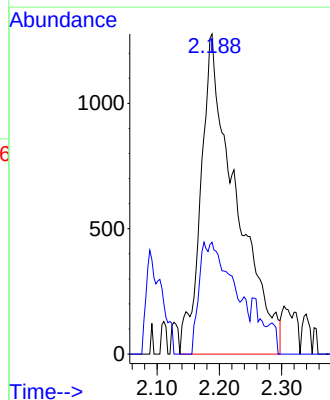
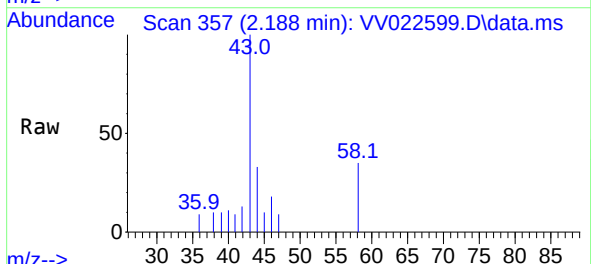
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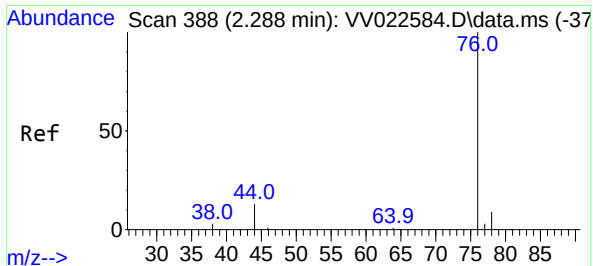
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#13  
Acetone  
Concen: 4.774 ug/L m  
RT: 2.188 min Scan# 357  
Delta R.T. 0.003 min  
Lab File: VV022599.D  
Acq: 06 Oct 2021 03:49

Tgt Ion: 43 Resp: 4983  
Ion Ratio Lower Upper  
43 100  
58 9.6 0.0 17.6





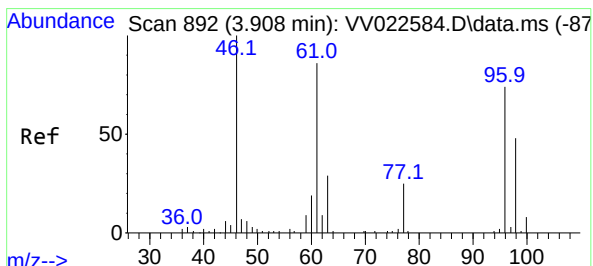
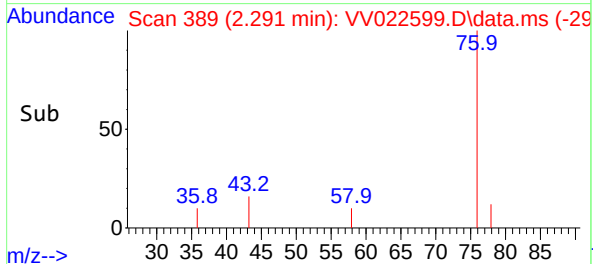
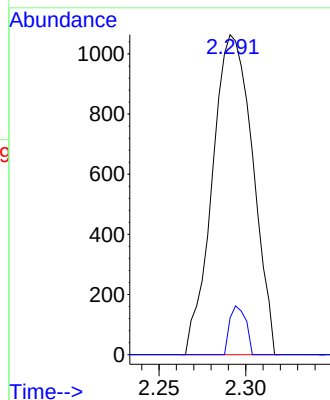
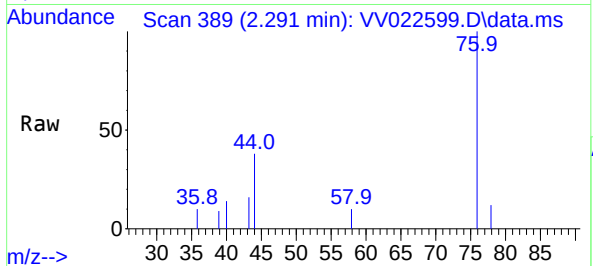
#14  
Carbon disulfide  
Concen: 0.094 ug/L  
RT: 2.291 min Scan# 389  
Delta R.T. 0.003 min  
Lab File: VV022599.D  
Acq: 06 Oct 2021 03:49

Instrument :  
MSVOA\_V  
ClientSampled :  
GB7C0

Tgt Ion: 76 Resp: 1723  
Ion Ratio Lower Upper  
76 100  
78 11.6 7.8 11.6

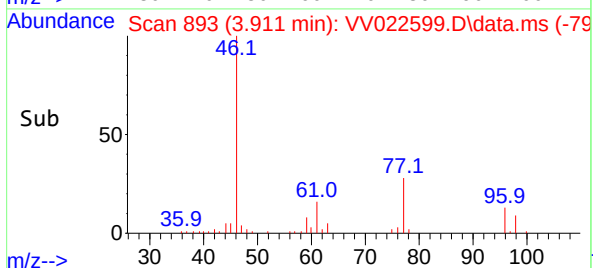
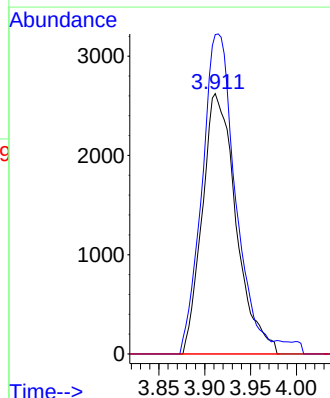
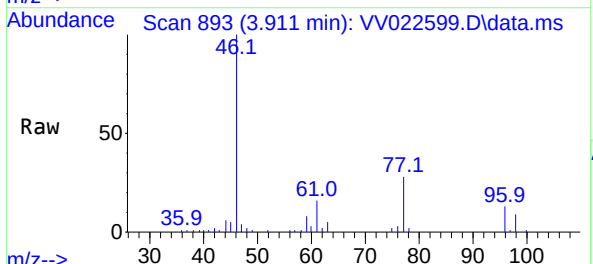
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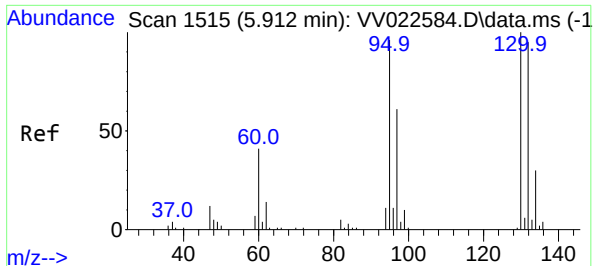
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#22  
cis-1,2-Dichloroethene  
Concen: 0.905 ug/L  
RT: 3.911 min Scan# 893  
Delta R.T. 0.003 min  
Lab File: VV022599.D  
Acq: 06 Oct 2021 03:49

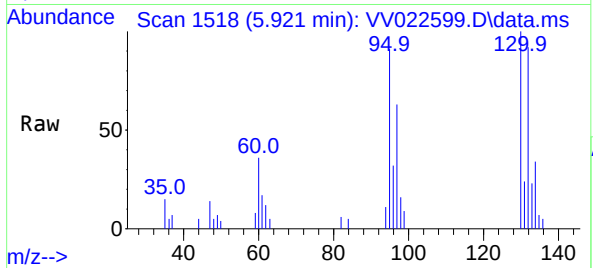
Tgt Ion: 96 Resp: 6716  
Ion Ratio Lower Upper  
96 100  
61 122.6 85.6 159.0  
68 0.0 0.0 0.0





#34  
Trichloroethene  
Concen: 0.719 ug/L  
RT: 5.921 min Scan# 1518  
Delta R.T. 0.009 min  
Lab File: VV022599.D  
Acq: 06 Oct 2021 03:49

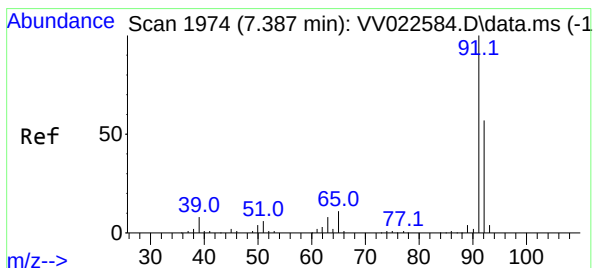
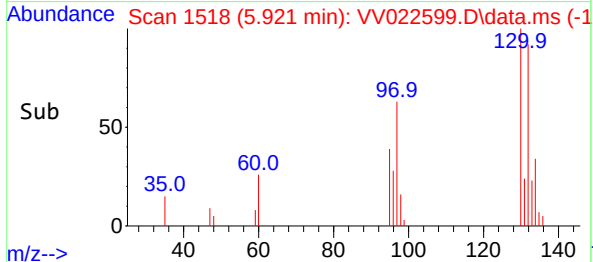
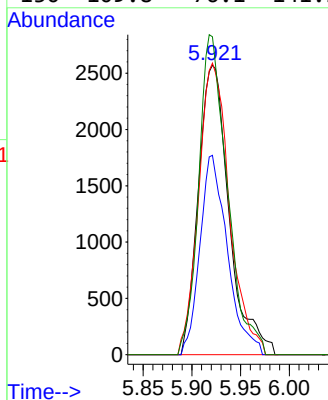
Instrument :  
MSVOA\_V  
ClientSampled :  
GB7C0



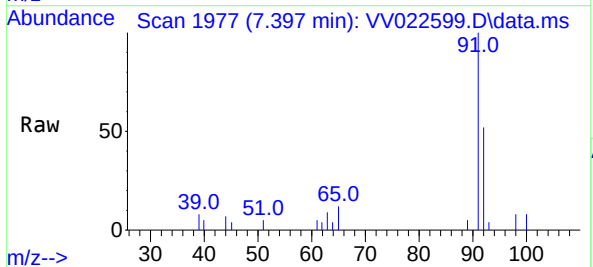
Tgt Ion: 95 Resp: 5640  
Ion Ratio Lower Upper  
95 100  
97 68.9 46.5 86.5  
132 100.7 73.0 135.6  
130 109.8 76.1 141.3

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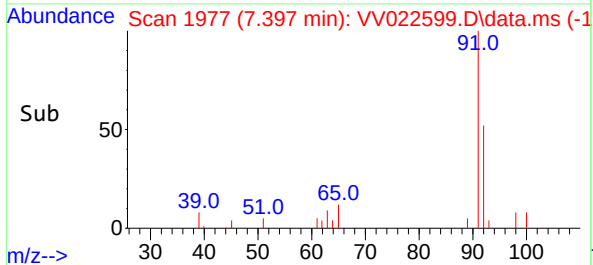
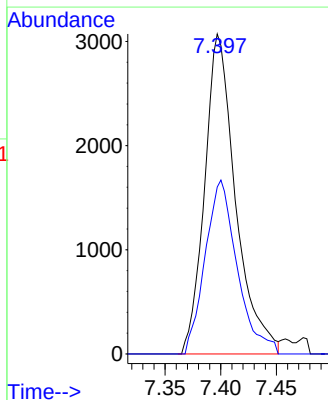
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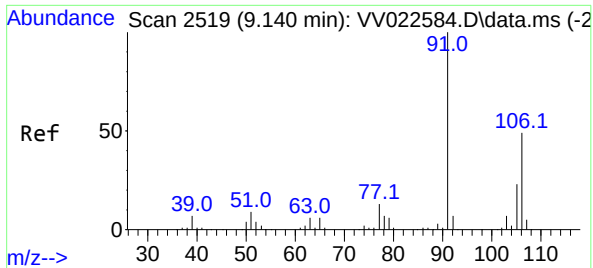


#42  
Toluene  
Concen: 0.210 ug/L  
RT: 7.397 min Scan# 1977  
Delta R.T. 0.009 min  
Lab File: VV022599.D  
Acq: 06 Oct 2021 03:49



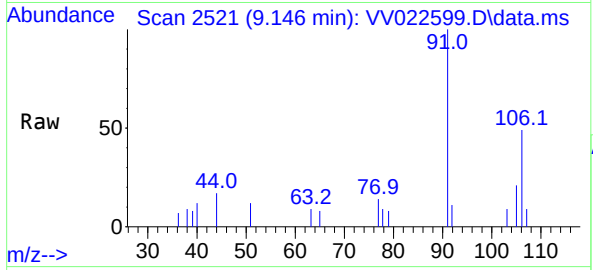
Tgt Ion: 91 Resp: 5942  
Ion Ratio Lower Upper  
91 100  
92 52.1 40.5 75.3





#53  
 m,p-xylene  
 Concen: 0.130 ug/L  
 RT: 9.146 min Scan# 2521  
 Delta R.T. 0.006 min  
 Lab File: VV022599.D  
 Acq: 06 Oct 2021 03:49

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GB7C0



Tgt Ion:106 Resp: 1441  
 Ion Ratio Lower Upper  
 106 100  
 91 205.1 144.8 269.0

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