

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV111324\  
 Data File : VV038073.D  
 Acq On : 14 Nov 2024 02:47  
 Operator : SY/MD  
 Sample : P4804-12  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 H46W0

Manual Integrations  
 APPROVED

Reviewed By :Romaben Patel 11/14/2024  
 Supervised By :Mahesh Dadoda 11/18/2024

Quant Time: Nov 14 03:40:25 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111224WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Nov 13 00:39:48 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.529          | 114  | 256200     | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.780          | 117  | 260255     | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.178         | 152  | 120456     | 5.000    | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.275          | 65   | 82156      | 3.684    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 40 - 130 |      | Recovery = | 73.600%  |       |          |
| 7) Chloroethane-d5            | 1.529          | 69   | 72412      | 3.984    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 65 - 130 |      | Recovery = | 79.600%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.053          | 65   | 33218      | 3.399    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 60 - 125 |      | Recovery = | 68.000%  |       |          |
| 20) 2-Butanone-d5             | 3.796          | 46   | 202453     | 39.506   | ug/L  | -0.02    |
| Spiked Amount 50.000          | Range 40 - 130 |      | Recovery = | 79.020%  |       |          |
| 24) Chloroform-d              | 4.243          | 84   | 174576     | 4.153    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 70 - 125 |      | Recovery = | 83.000%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.937          | 65   | 84768      | 4.246    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 70 - 130 |      | Recovery = | 85.000%  |       |          |
| 32) Benzene-d6                | 4.950          | 84   | 321446     | 3.998    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 70 - 125 |      | Recovery = | 80.000%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.982          | 67   | 101227     | 4.018    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 60 - 140 |      | Recovery = | 80.400%  |       |          |
| 41) Toluene-d8                | 7.236          | 98   | 258876     | 3.520    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 70 - 130 |      | Recovery = | 70.400%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.561          | 79   | 26380      | 2.583    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 55 - 130 |      | Recovery = | 51.600%# |       |          |
| 46) 2-Hexanone-d5             | 8.017          | 63   | 197687     | 43.306   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 45 - 130 |      | Recovery = | 86.620%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.146         | 84   | 89808      | 4.310    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 65 - 120 |      | Recovery = | 86.200%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.554         | 152  | 114873     | 4.587    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 80 - 120 |      | Recovery = | 91.800%  |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       |          |
| 5) Vinyl chloride             | 1.278          | 62   | 293227     | 11.273   | ug/L  | 97       |
| 17) Methyl tert-butyl Ether   | 2.696          | 73   | 137771     | 2.903    | ug/L  | 98       |
| 18) trans-1,2-Dichloroethene  | 2.693          | 96   | 23843      | 1.131    | ug/L  | 95       |
| 19) 1,1-Dichloroethane        | 3.104          | 63   | 12987      | 0.343    | ug/L  | 93       |
| 22) cis-1,2-Dichloroethene    | 3.812          | 96   | 27992      | 1.264    | ug/L  | 94       |
| 33) Benzene                   | 5.011          | 78   | 9677       | 0.117    | ug/L  | 100      |
| 34) Trichloroethene           | 5.841          | 95   | 5963m      | 0.264    | ug/L  |          |
| -----                         |                |      |            |          |       |          |

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

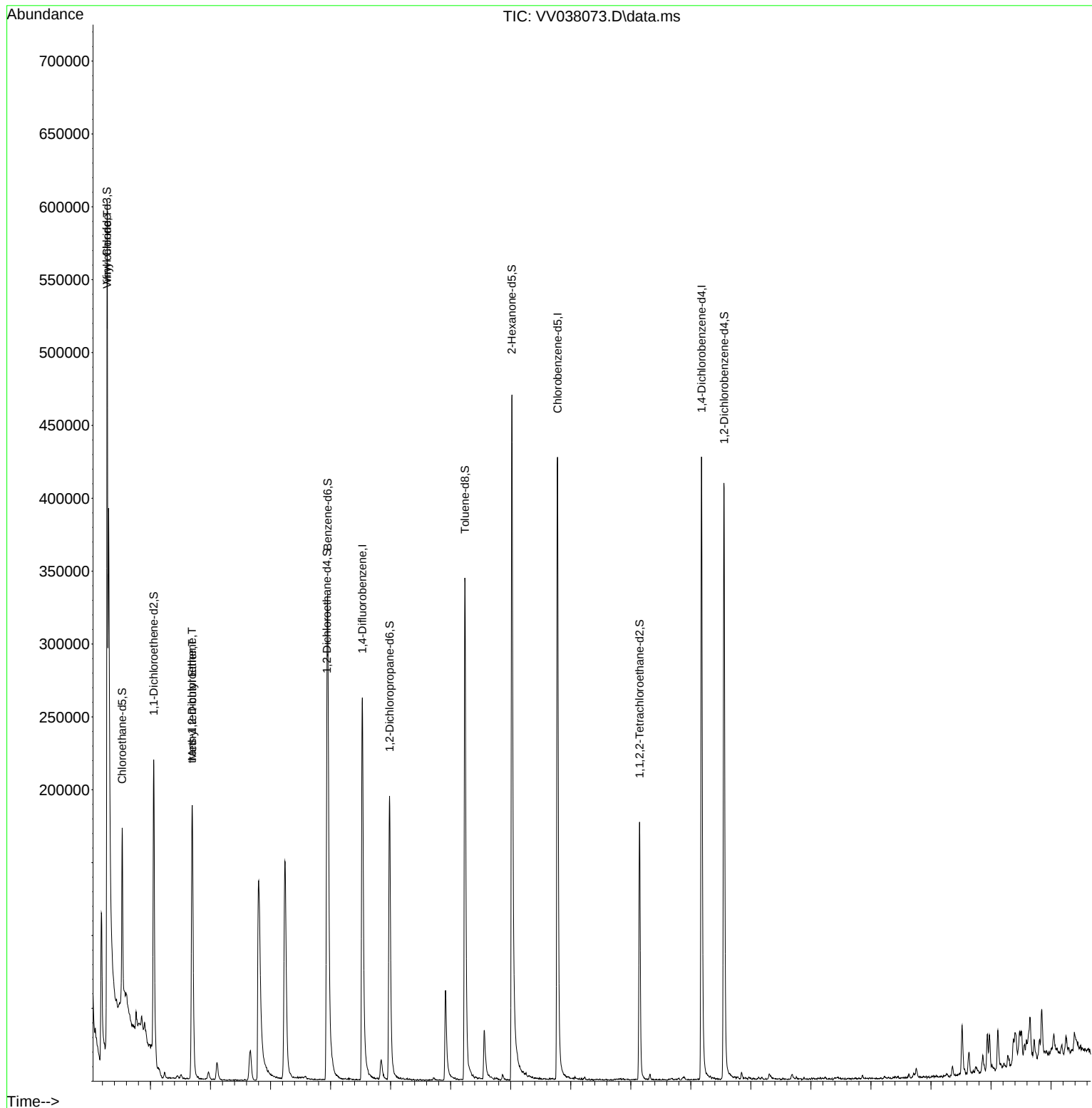
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV111324\  
Data File : VV038073.D  
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ALS Vial : 43 Sample Multiplier: 1

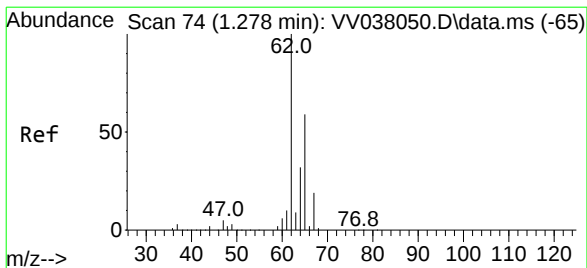
Instrument :  
MSVOA\_V  
ClientSampleId :  
H46W0

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Quant Time: Nov 14 03:40:25 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111224WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Nov 13 00:39:48 2024  
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 11.273 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.000 min

Lab File: VV038073.D

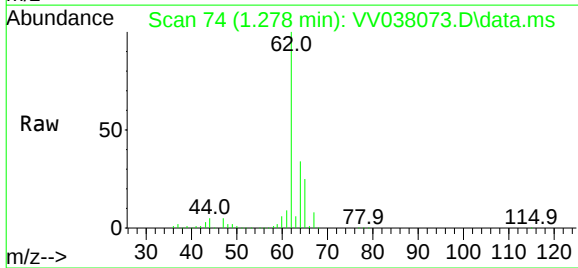
Acq: 14 Nov 2024 02:47

Instrument :

MSVOA\_V

ClientSampleId :

H46W0



Tgt Ion: 62 Resp: 293227

Ion Ratio Lower Upper

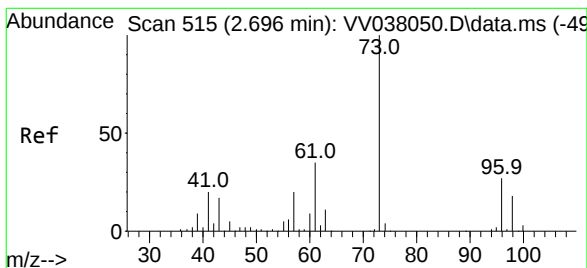
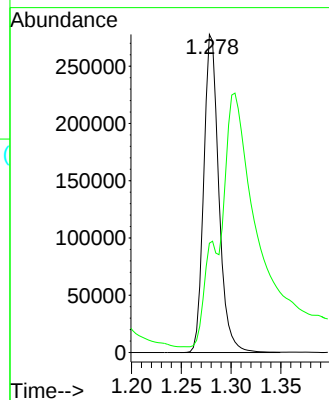
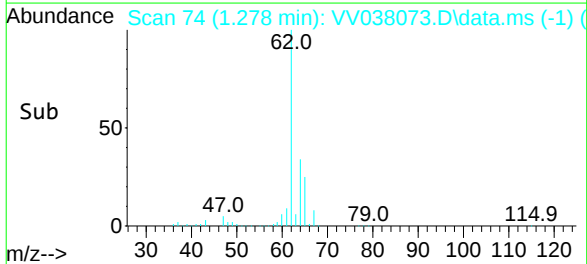
62 100

64 34.4 23.0 42.6

Manual Integrations

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#17

Methyl tert-butyl Ether

Concen: 2.903 ug/L

RT: 2.696 min Scan# 515

Delta R.T. -0.000 min

Lab File: VV038073.D

Acq: 14 Nov 2024 02:47

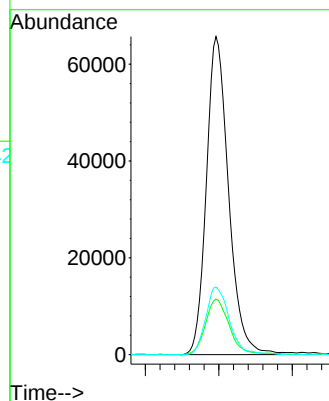
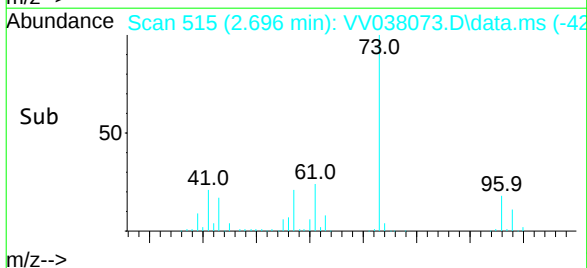
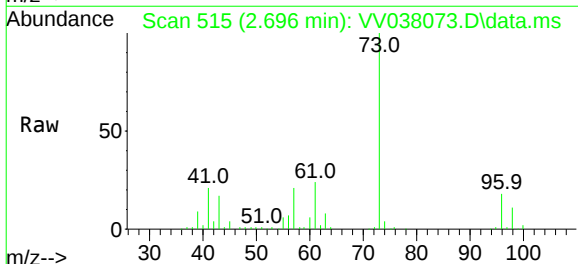
Tgt Ion: 73 Resp: 137771

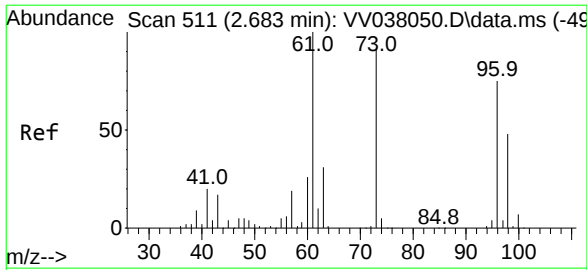
Ion Ratio Lower Upper

73 100

43 18.6 14.1 21.1

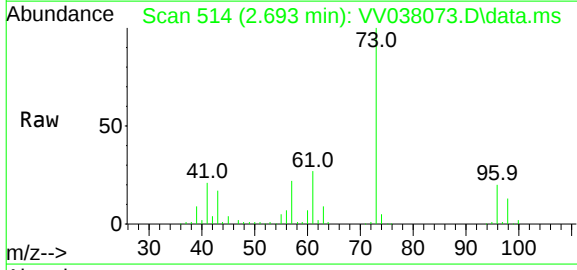
57 22.5 17.2 25.8





#18  
trans-1,2-Dichloroethene  
Concen: 1.131 ug/L  
RT: 2.693 min Scan# 511  
Delta R.T. 0.006 min  
Lab File: VV038073.D  
Acq: 14 Nov 2024 02:47

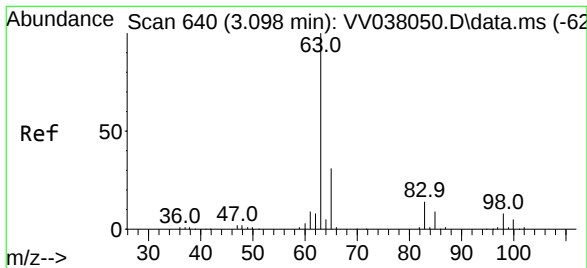
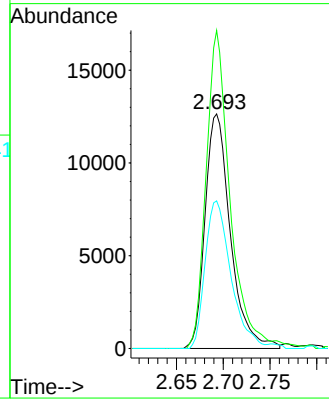
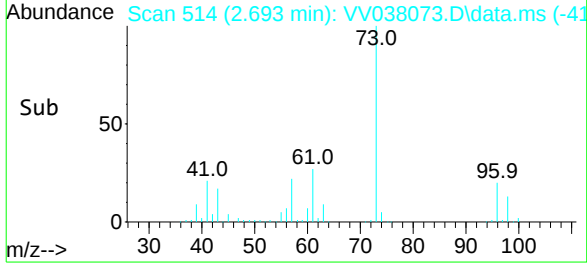
Instrument :  
MSVOA\_V  
ClientSampleId :  
H46W0



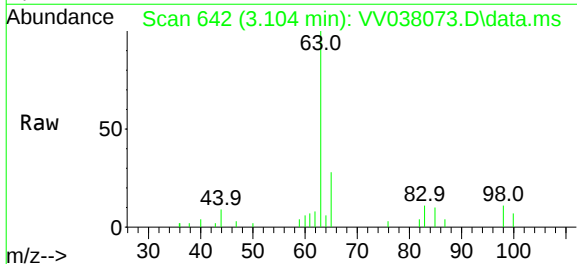
Tgt Ion: 96 Resp: 23843  
Ion Ratio Lower Upper  
96 100  
61 135.6 90.2 167.6  
98 62.9 45.7 84.9

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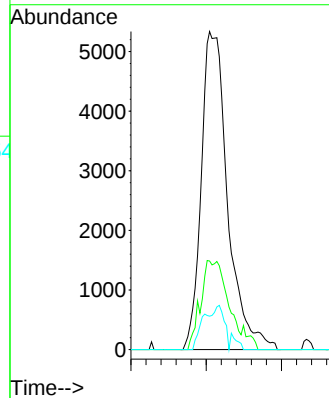
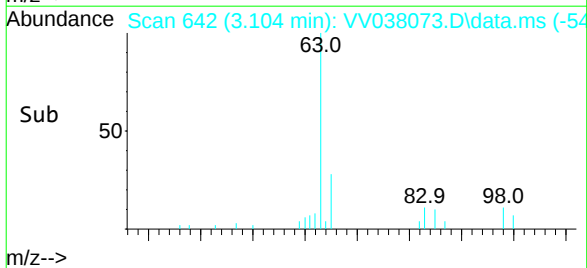
Reviewed By :Romaben Patel 11/14/2024  
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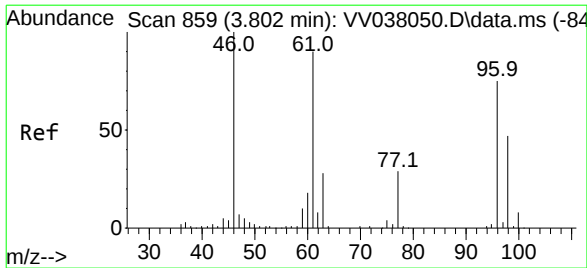


#19  
1,1-Dichloroethane  
Concen: 0.343 ug/L  
RT: 3.104 min Scan# 642  
Delta R.T. 0.003 min  
Lab File: VV038073.D  
Acq: 14 Nov 2024 02:47



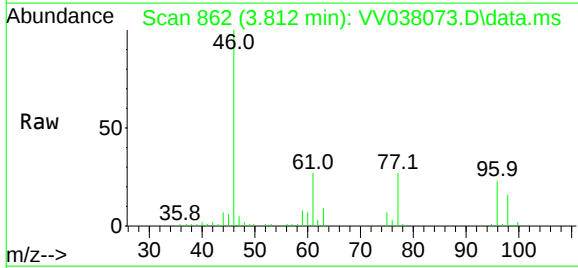
Tgt Ion: 63 Resp: 12987  
Ion Ratio Lower Upper  
63 100  
65 27.8 22.0 40.8  
83 10.5 9.2 17.2





#22  
 cis-1,2-Dichloroethene  
 Concen: 1.264 ug/L  
 RT: 3.812 min Scan# 861  
 Delta R.T. 0.010 min  
 Lab File: VV038073.D  
 Acq: 14 Nov 2024 02:47

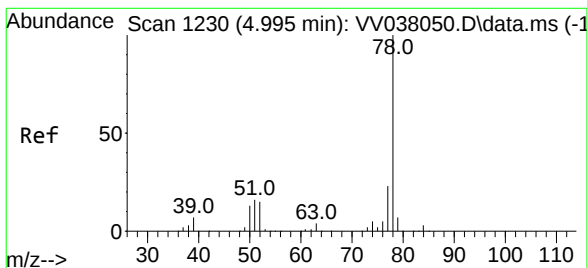
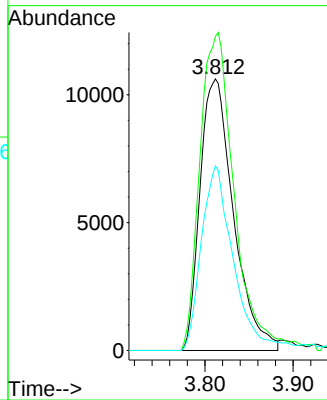
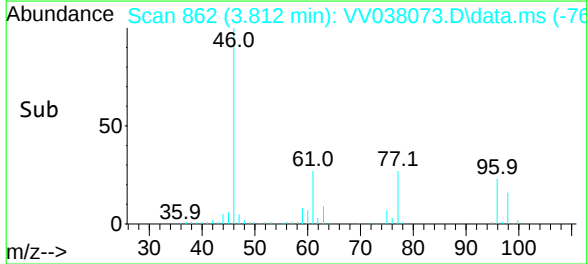
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 H46W0



Tgt Ion: 96 Resp: 27992  
 Ion Ratio Lower Upper  
 96 100  
 61 115.6 84.1 156.3  
 98 68.0 42.6 79.0

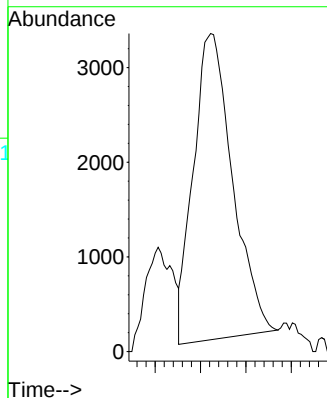
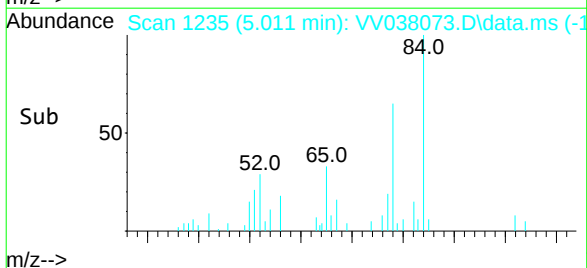
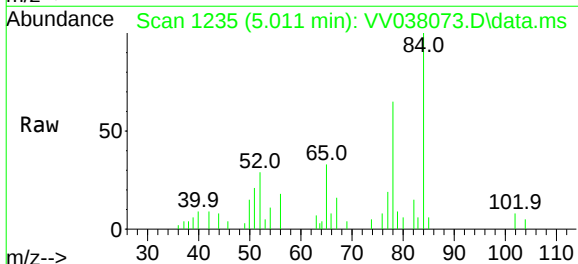
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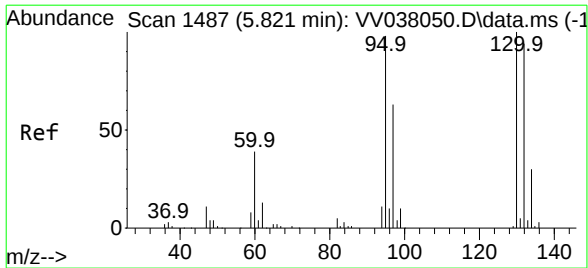
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#33  
 Benzene  
 Concen: 0.117 ug/L  
 RT: 5.011 min Scan# 1235  
 Delta R.T. 0.013 min  
 Lab File: VV038073.D  
 Acq: 14 Nov 2024 02:47

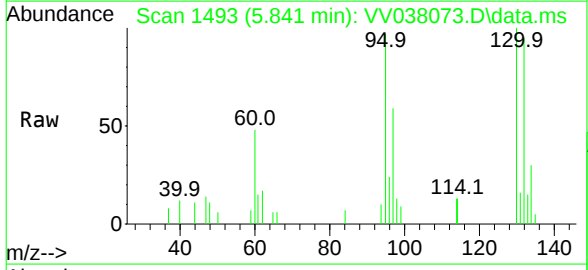
Tgt Ion: 78 Resp: 9677





#34  
 Trichloroethene  
 Concen: 0.264 ug/L m  
 RT: 5.841 min Scan# 14  
 Delta R.T. 0.016 min  
 Lab File: VV038073.D  
 Acq: 14 Nov 2024 02:47

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 H46W0



|     |         |             |
|-----|---------|-------------|
| Tgt | Ion: 95 | Resp: 5963  |
| Ion | Ratio   | Lower Upper |
| 95  | 100     |             |
| 97  | 60.9    | 44.5 82.7   |
| 132 | 97.8    | 67.9 126.1  |
| 130 | 103.1   | 72.8 135.2  |

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