

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV060623\  
 Data File : VV031373.D  
 Acq On : 06 Jun 2023 14:22  
 Operator : SY/MD  
 Sample : 02990-08  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F6C35

Quant Time: Jun 07 02:02:37 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR060123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Jun 07 01:59:39 2023  
 Response via : Initial Calibration

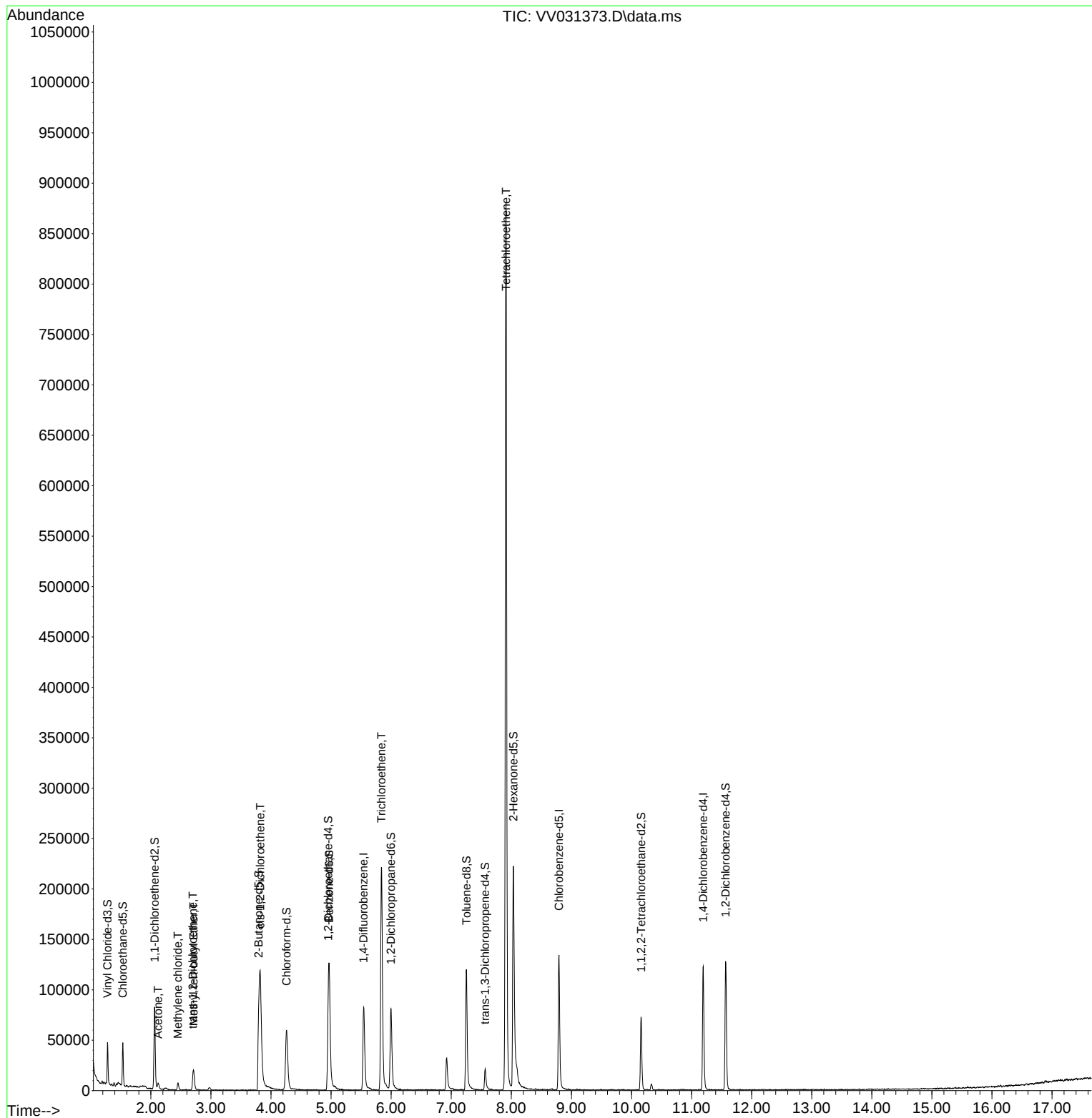
| Compound                      | R.T.   | QIon           | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|-----------|----------|
| -----                         |        |                |          |        |           |          |
| Internal Standards            |        |                |          |        |           |          |
| 1) 1,4-Difluorobenzene        | 5.542  | 114            | 68848    | 5.000  | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 8.792  | 117            | 72538    | 5.000  | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.194 | 152            | 33241    | 5.000  | ug/L      | 0.00     |
| System Monitoring Compounds   |        |                |          |        |           |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65             | 26510    | 3.785  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 75.800%   |          |
| 7) Chloroethane-d5            | 1.532  | 69             | 26594    | 4.496  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 90.000%   |          |
| 11) 1,1-Dichloroethene-d2     | 2.063  | 65             | 14590    | 4.291  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 85.800%   |          |
| 20) 2-Butanone-d5             | 3.796  | 46             | 122234   | 75.408 | ug/L      | -0.02    |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 150.820%# |          |
| 24) Chloroform-d              | 4.259  | 84             | 65484    | 5.562  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 111.200%  |          |
| 26) 1,2-Dichloroethane-d4     | 4.953  | 65             | 40730    | 6.449  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 129.000%  |          |
| 32) Benzene-d6                | 4.969  | 84             | 105050   | 4.764  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 95.200%   |          |
| 36) 1,2-Dichloropropane-d6    | 5.995  | 67             | 38882    | 5.220  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 104.400%  |          |
| 41) Toluene-d8                | 7.252  | 98             | 82202    | 3.970  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 79.400%   |          |
| 43) trans-1,3-Dichloroprop... | 7.564  | 79             | 12867    | 4.745  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 94.800%   |          |
| 46) 2-Hexanone-d5             | 8.034  | 63             | 74972    | 68.823 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 137.640%# |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159 | 84             | 35651    | 6.296  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 126.000%# |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.567 | 152            | 33335    | 5.317  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 106.400%  |          |
| Target Compounds              |        |                |          |        |           |          |
|                               |        |                |          |        | Qvalue    |          |
| 13) Acetone                   | 2.121  | 43             | 5200     | 2.776  | ug/L      | 92       |
| 16) Methylene chloride        | 2.449  | 84             | 2951     | 0.377  | ug/L      | 92       |
| 17) Methyl tert-butyl Ether   | 2.712  | 73             | 16709    | 1.140  | ug/L      | 96       |
| 18) trans-1,2-Dichloroethene  | 2.699  | 96             | 962      | 0.158  | ug/L #    | 83       |
| 22) cis-1,2-Dichloroethene    | 3.822  | 96             | 45027    | 7.284  | ug/L      | 96       |
| 34) Trichloroethene           | 5.838  | 95             | 81030    | 11.622 | ug/L      | 97       |
| 47) Tetrachloroethene         | 7.911  | 164            | 192481   | 35.428 | ug/L      | 98       |
| -----                         |        |                |          |        |           |          |

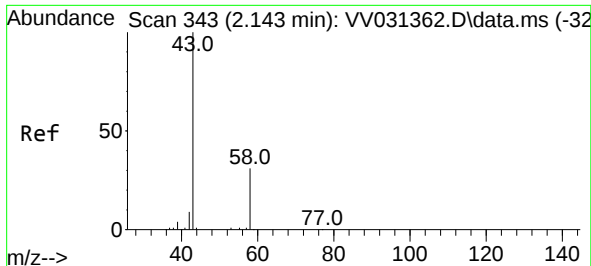
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.776 ug/L

RT: 2.121 min Scan# 31

Delta R.T. -0.023 min

Lab File: VV031373.D

Acq: 06 Jun 2023 14:22

Instrument :

MSVOA\_V

ClientSampleId :

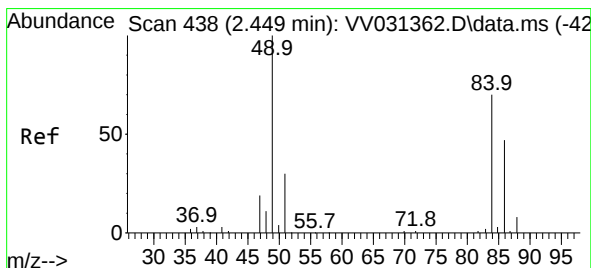
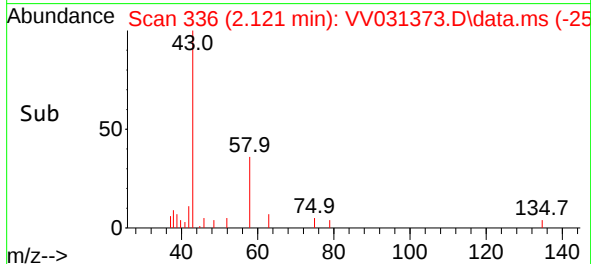
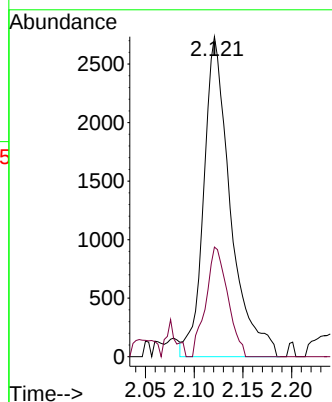
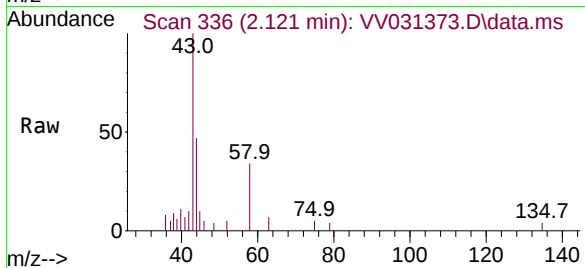
F6C35

Tgt Ion: 43 Resp: 5200

Ion Ratio Lower Upper

43 100

58 28.0 0.0 48.4



#16

Methylene chloride

Concen: 0.377 ug/L

RT: 2.449 min Scan# 438

Delta R.T. -0.000 min

Lab File: VV031373.D

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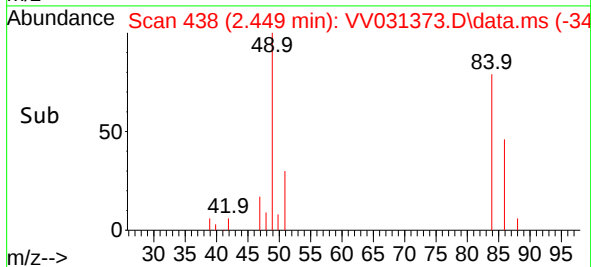
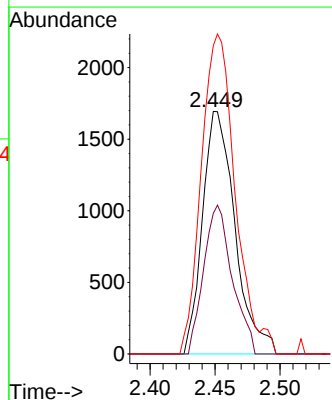
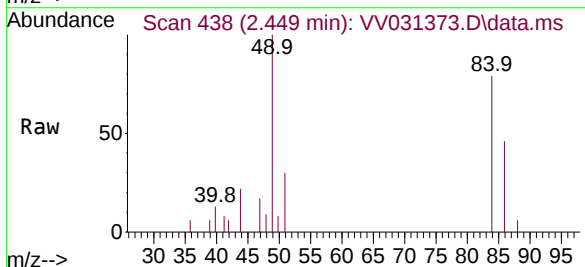
Tgt Ion: 84 Resp: 2951

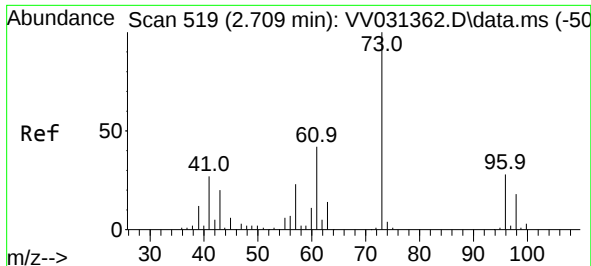
Ion Ratio Lower Upper

84 100

86 58.0 46.7 86.7

49 137.5 101.6 188.8





#17

Methyl tert-butyl Ether

Concen: 1.140 ug/L

RT: 2.712 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV031373.D

Acq: 06 Jun 2023 14:22

Instrument :

MSVOA\_V

ClientSampleId :

F6C35

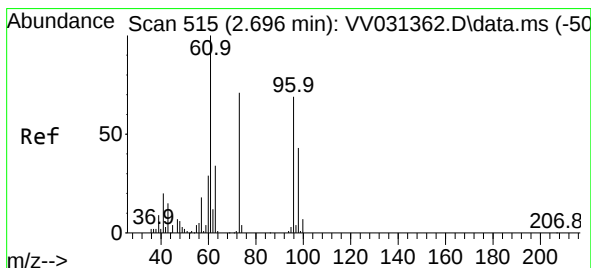
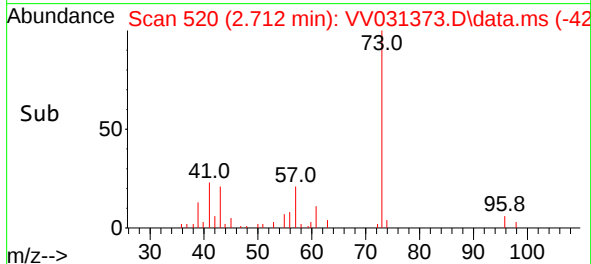
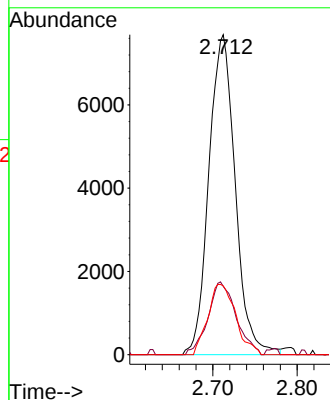
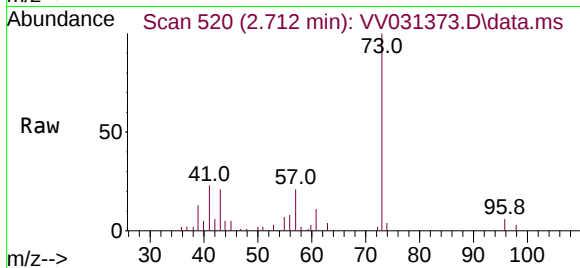
Tgt Ion: 73 Resp: 16709

Ion Ratio Lower Upper

73 100

43 24.2 17.8 26.8

57 23.2 19.8 29.8



#18

trans-1,2-Dichloroethene

Concen: 0.158 ug/L

RT: 2.699 min Scan# 516

Delta R.T. 0.003 min

Lab File: VV031373.D

Acq: 06 Jun 2023 14:22

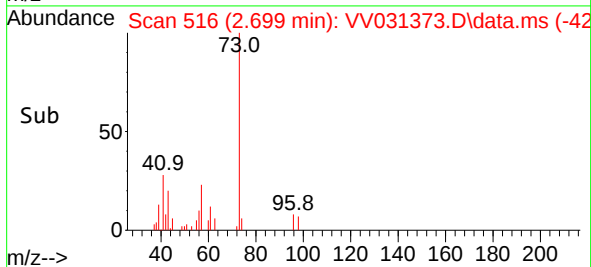
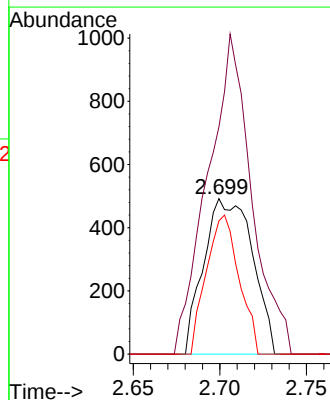
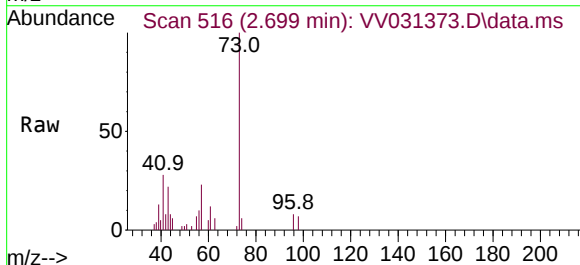
Tgt Ion: 96 Resp: 962

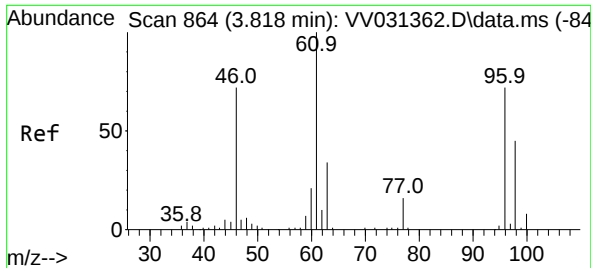
Ion Ratio Lower Upper

96 100

61 146.1 114.2 212.0

98 85.6 45.0 83.6#

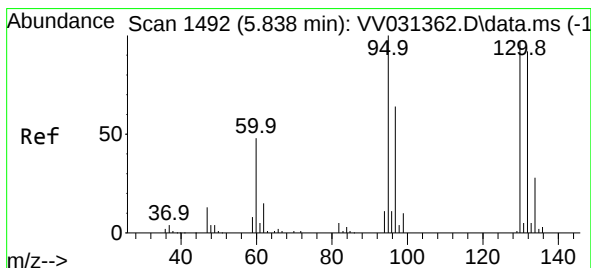
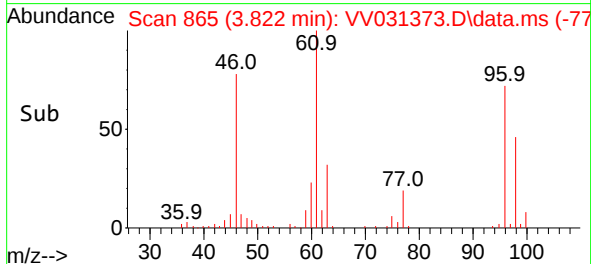
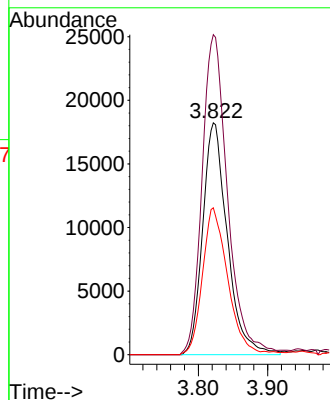
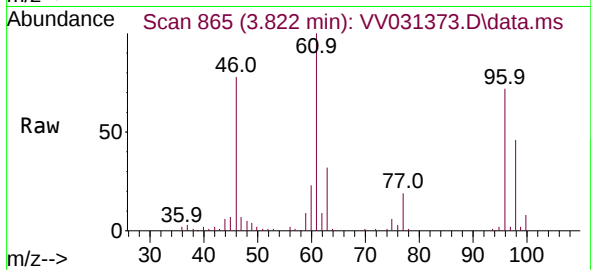




#22  
cis-1,2-Dichloroethene  
Concen: 7.284 ug/L  
RT: 3.822 min Scan# 865  
Delta R.T. 0.003 min  
Lab File: VV031373.D  
Acq: 06 Jun 2023 14:22

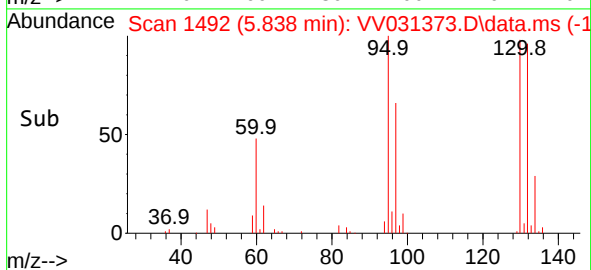
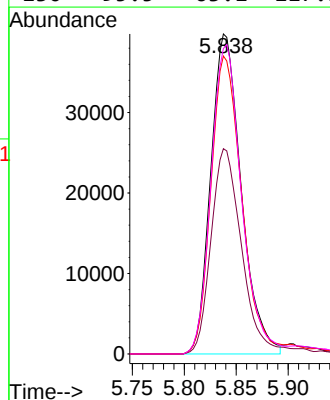
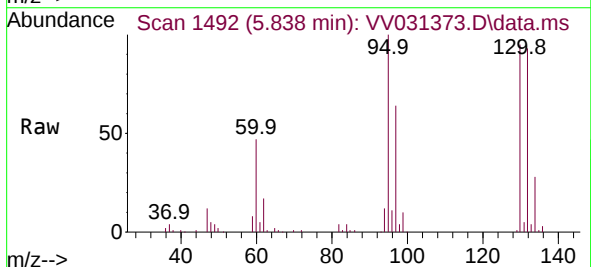
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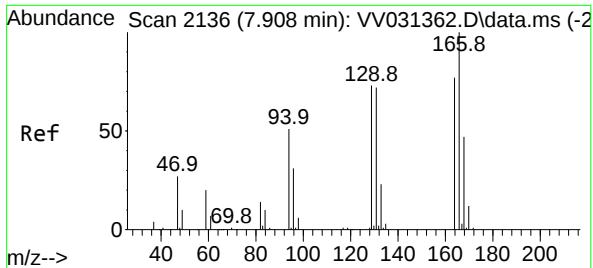
Tgt Ion: 96 Resp: 45027  
Ion Ratio Lower Upper  
96 100  
61 138.1 100.8 187.2  
98 63.4 45.1 83.9



#34  
Trichloroethene  
Concen: 11.622 ug/L  
RT: 5.838 min Scan# 1492  
Delta R.T. -0.000 min  
Lab File: VV031373.D  
Acq: 06 Jun 2023 14:22

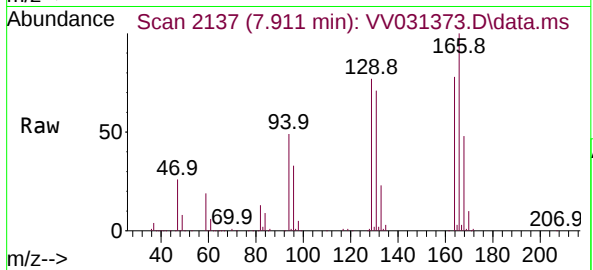
Tgt Ion: 95 Resp: 81030  
Ion Ratio Lower Upper  
95 100  
97 64.2 46.1 85.5  
132 93.1 64.5 119.9  
130 95.5 63.1 117.1





#47  
 Tetrachloroethene  
 Concen: 35.428 ug/L  
 RT: 7.911 min Scan# 21  
 Delta R.T. 0.003 min  
 Lab File: VV031373.D  
 Acq: 06 Jun 2023 14:22

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F6C35



Tgt Ion:164 Resp: 192481

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 98.6  | 66.0  | 122.6 |
| 131 | 91.5  | 65.3  | 121.3 |
| 166 | 128.9 | 90.1  | 167.3 |

