

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW101123\  
 Data File : VW032382.D  
 Acq On : 11 Oct 2023 10:43  
 Operator : SY/MD  
 Sample : 04774-13DL 5X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EX873DL

Quant Time: Oct 12 03:03:01 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092923WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Oct 12 02:54:58 2023  
 Response via : Initial Calibration

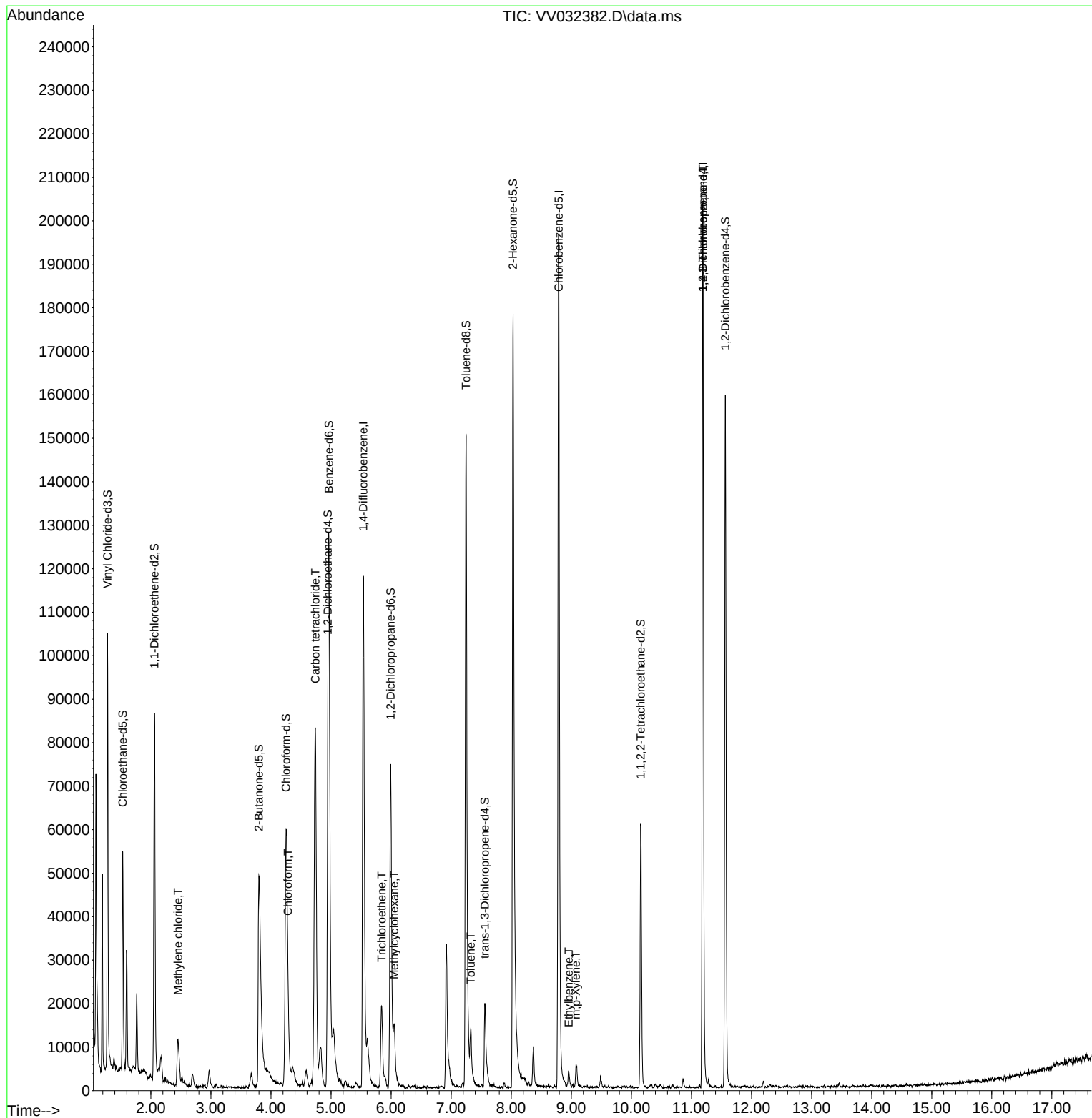
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.535  | 114   | 102929   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.789  | 117   | 114116   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.191 | 152   | 54074    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65    | 38075    | 4.548    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 91.000%  |
| 7) Chloroethane-d5            | 1.532  | 69    | 31428    | 4.625    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 92.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.060  | 65    | 15024    | 4.256    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 85.200%  |
| 20) 2-Butanone-d5             | 3.799  | 46    | 74203    | 35.041   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 70.080%  |
| 24) Chloroform-d              | 4.249  | 84    | 62567    | 4.237    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 84.800%  |
| 26) 1,2-Dichloroethane-d4     | 4.947  | 65    | 29019    | 4.149    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 83.000%  |
| 32) Benzene-d6                | 4.963  | 84    | 119998   | 3.574    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 71.400%  |
| 36) 1,2-Dichloropropane-d6    | 5.992  | 67    | 38748    | 3.483    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 69.600%  |
| 41) Toluene-d8                | 7.246  | 98    | 109953   | 3.581    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 71.600%  |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79    | 13498    | 3.424    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 68.400%  |
| 46) 2-Hexanone-d5             | 8.030  | 63    | 67199    | 36.228   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 72.460%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156 | 84    | 30834    | 3.962    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 79.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.564 | 152   | 40141    | 4.000    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 80.000%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 16) Methylene chloride        | 2.452  | 84    | 3856     | 0.392    | ug/L   | 98       |
| 25) Chloroform                | 4.281  | 83    | 13784    | 0.864    | ug/L   | 99       |
| 31) Carbon tetrachloride      | 4.738  | 117   | 65221    | 4.968    | ug/L   | 97       |
| 34) Trichloroethene           | 5.844  | 95    | 7022     | 0.640    | ug/L   | 91       |
| 35) Methylcyclohexane         | 6.053  | 83    | 3405     | 0.201    | ug/L # | 69       |
| 42) Toluene                   | 7.326  | 91    | 9464     | 0.221    | ug/L   | 94       |
| 52) Ethylbenzene              | 8.956  | 91    | 3012     | 0.063    | ug/L   | 97       |
| 53) m,p-Xylene                | 9.079  | 106   | 1664     | 0.094    | ug/L   | 86       |
| 61) 1,2,3-Trichloropropane    | 11.191 | 75    | 7061     | 1.227    | ug/L # | 67       |
| -----                         |        |       |          |          |        |          |

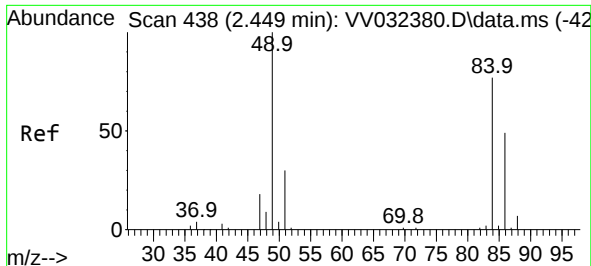
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Oct 12 02:54:58 2023  
Response via : Initial Calibration

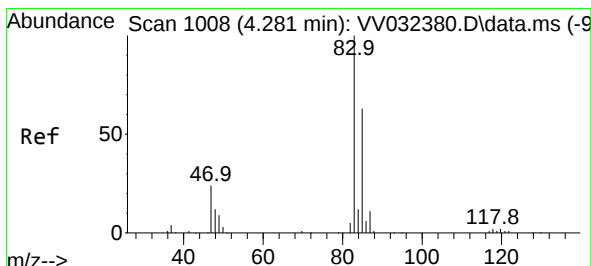
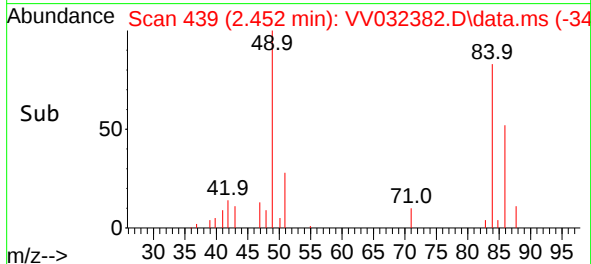
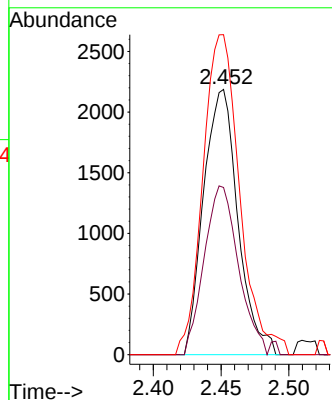
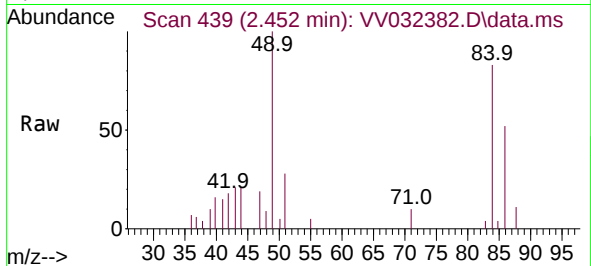




#16  
Methylene chloride  
Concen: 0.392 ug/L  
RT: 2.452 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: VV032382.D  
Acq: 11 Oct 2023 10:43

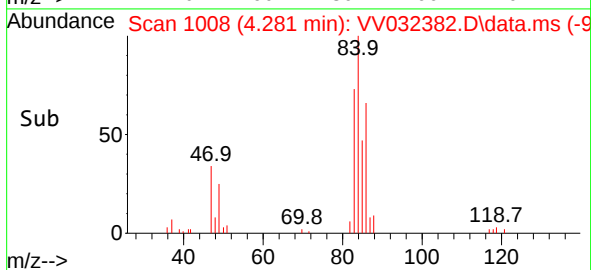
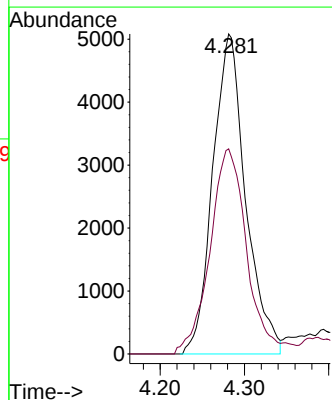
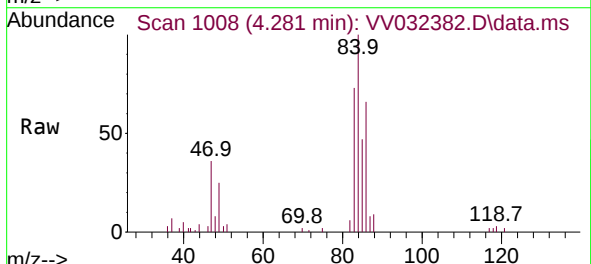
Instrument :  
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ClientSampleId :  
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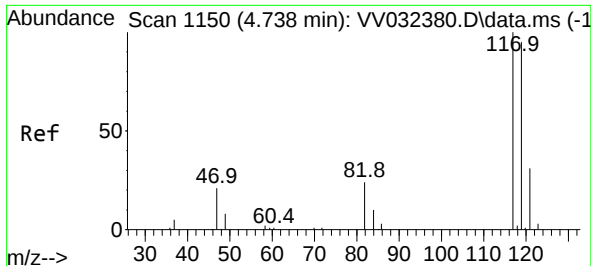
Tgt Ion: 84 Resp: 3856  
Ion Ratio Lower Upper  
84 100  
86 63.1 43.2 80.2  
49 120.6 86.3 160.3



#25  
Chloroform  
Concen: 0.864 ug/L  
RT: 4.281 min Scan# 1008  
Delta R.T. 0.000 min  
Lab File: VV032382.D  
Acq: 11 Oct 2023 10:43

Tgt Ion: 83 Resp: 13784  
Ion Ratio Lower Upper  
83 100  
85 64.1 45.4 84.4

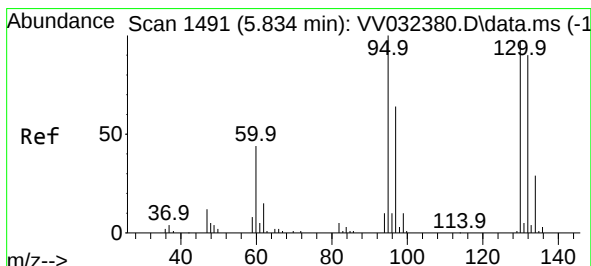
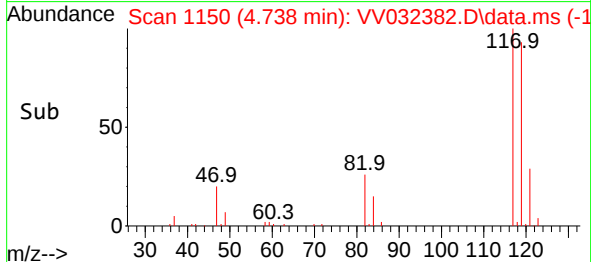
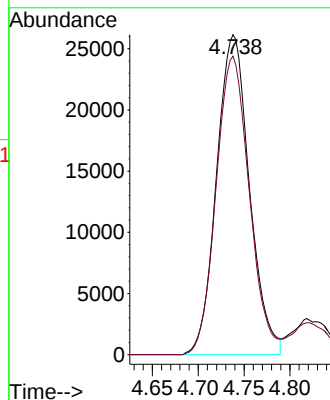
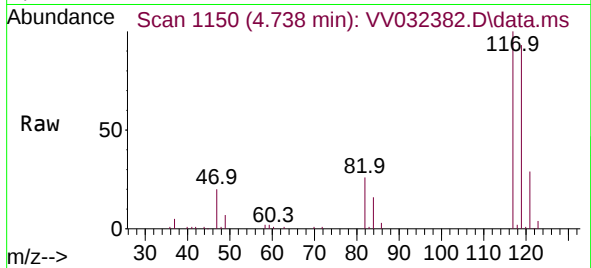




#31  
Carbon tetrachloride  
Concen: 4.968 ug/L  
RT: 4.738 min Scan# 1150  
Delta R.T. 0.000 min  
Lab File: VV032382.D  
Acq: 11 Oct 2023 10:43

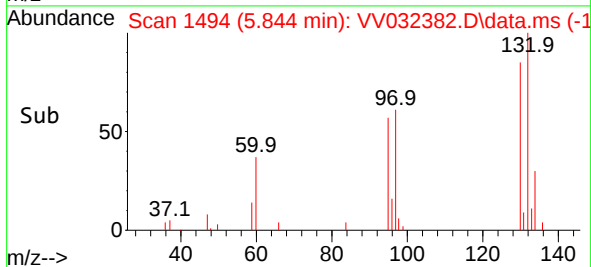
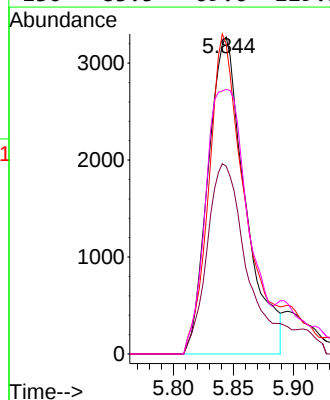
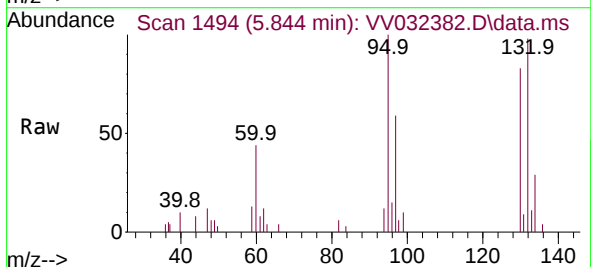
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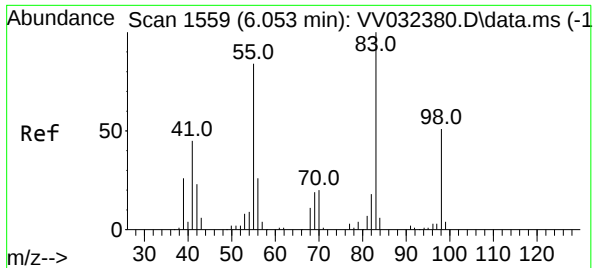
Tgt Ion:117 Resp: 65221  
Ion Ratio Lower Upper  
117 100  
119 94.1 77.6 116.4



#34  
Trichloroethene  
Concen: 0.640 ug/L  
RT: 5.844 min Scan# 1494  
Delta R.T. 0.010 min  
Lab File: VV032382.D  
Acq: 11 Oct 2023 10:43

Tgt Ion: 95 Resp: 7022  
Ion Ratio Lower Upper  
95 100  
97 59.3 45.7 84.9  
132 97.9 70.3 130.5  
130 83.5 69.6 129.2

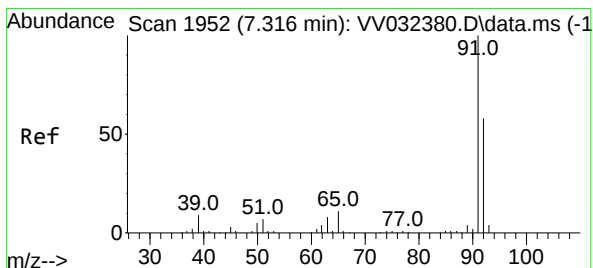
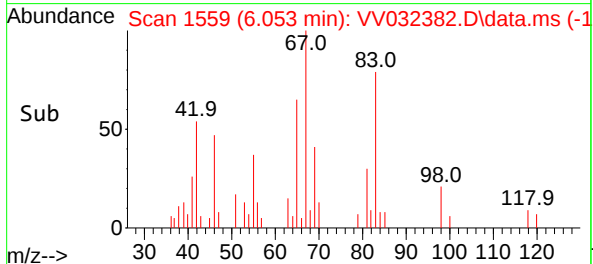
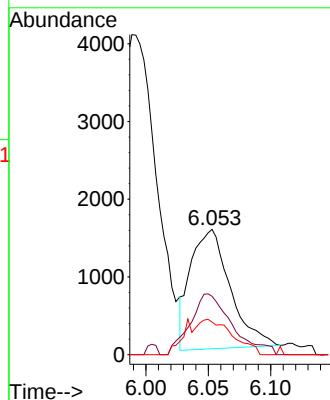
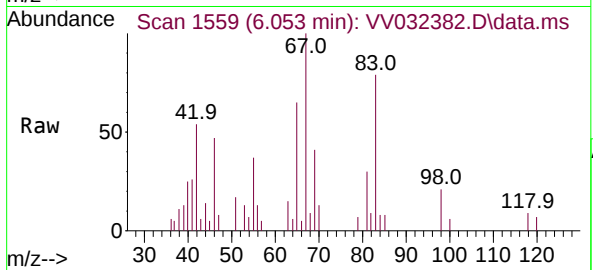




#35  
Methylcyclohexane  
Concen: 0.201 ug/L  
RT: 6.053 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VV032382.D  
Acq: 11 Oct 2023 10:43

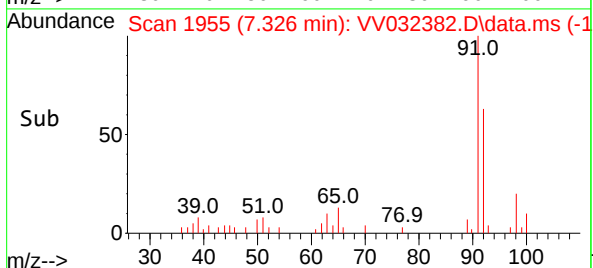
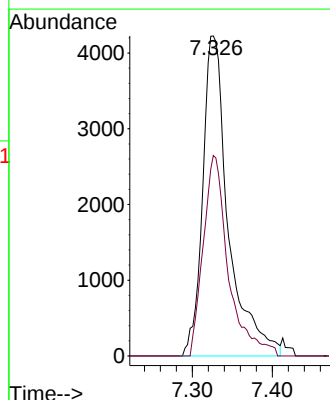
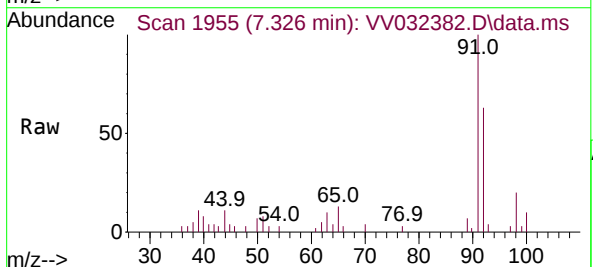
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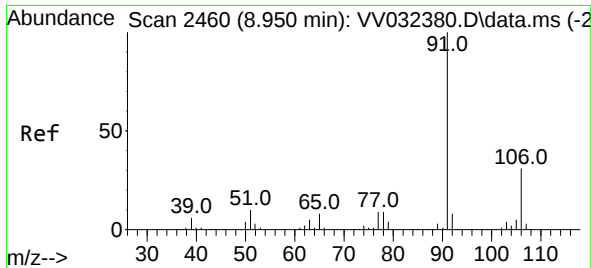
Tgt Ion: 83 Resp: 3405  
Ion Ratio Lower Upper  
83 100  
55 53.5 64.2 96.2#  
98 26.5 39.6 59.4#



#42  
Toluene  
Concen: 0.221 ug/L  
RT: 7.326 min Scan# 1955  
Delta R.T. 0.010 min  
Lab File: VV032382.D  
Acq: 11 Oct 2023 10:43

Tgt Ion: 91 Resp: 9464  
Ion Ratio Lower Upper  
91 100  
92 62.6 40.8 75.8

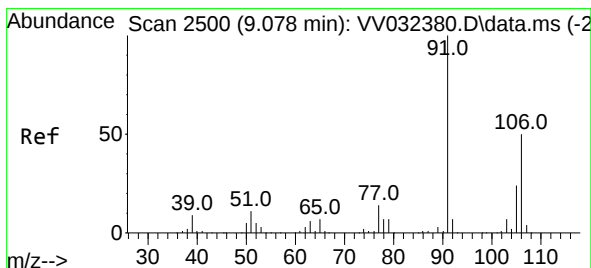
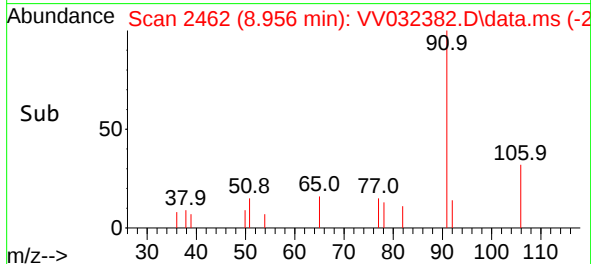
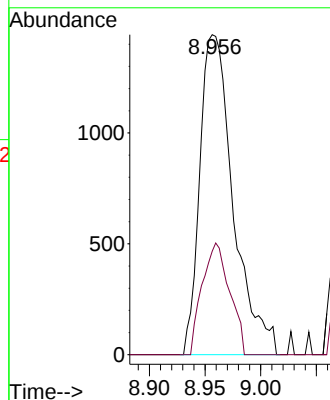
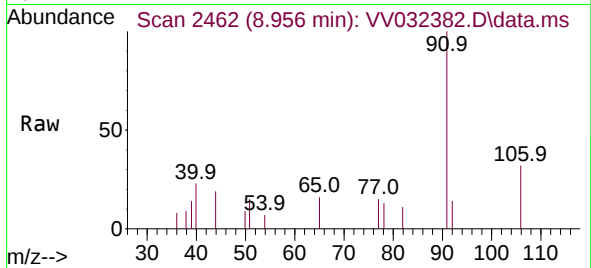




#52  
Ethylbenzene  
Concen: 0.063 ug/L  
RT: 8.956 min Scan# 2462  
Delta R.T. 0.006 min  
Lab File: VV032382.D  
Acq: 11 Oct 2023 10:43

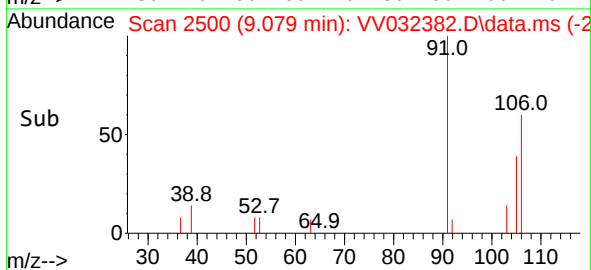
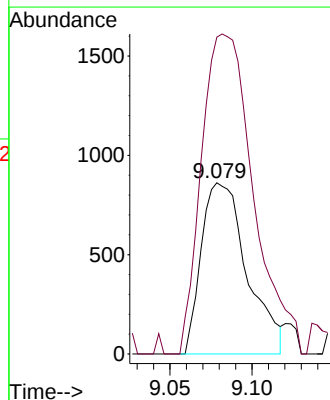
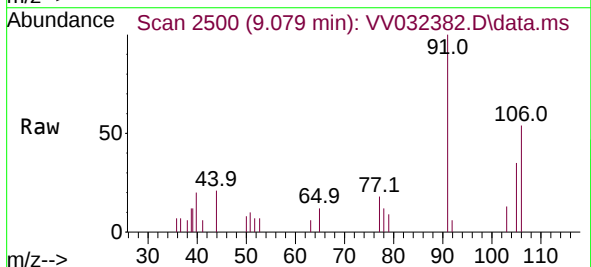
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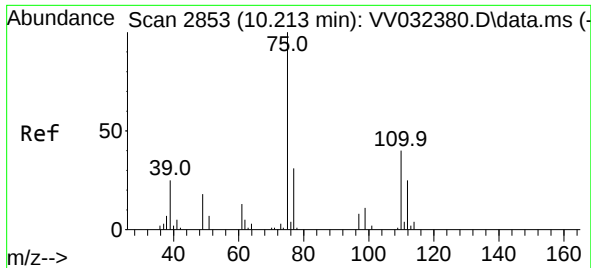
Tgt Ion: 91 Resp: 3012  
Ion Ratio Lower Upper  
91 100  
106 32.3 21.3 39.5



#53  
m,p-Xylene  
Concen: 0.094 ug/L  
RT: 9.079 min Scan# 2500  
Delta R.T. 0.000 min  
Lab File: VV032382.D  
Acq: 11 Oct 2023 10:43

Tgt Ion: 106 Resp: 1664  
Ion Ratio Lower Upper  
106 100  
91 185.0 144.5 268.3





#61

1,2,3-Trichloropropane

Concen: 1.227 ug/L

RT: 11.191 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV032382.D

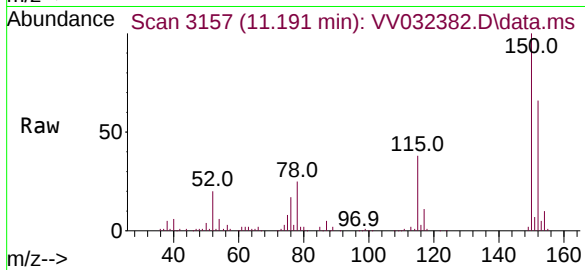
Acq: 11 Oct 2023 10:43

Instrument :

MSVOA\_V

ClientSampleId :

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Tgt Ion: 75 Resp: 7061

Ion Ratio Lower Upper

75 100

77 34.0 26.2 39.2

110 2.2 30.6 46.0#

