

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VW020725\  
 Data File : VW038655.D  
 Acq On : 07 Feb 2025 19:04  
 Operator : SY/MD  
 Sample : Q1334-14  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Feb 12 13:24:33 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR020625WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Feb 12 13:18:31 2025  
 Response via : Initial Calibration

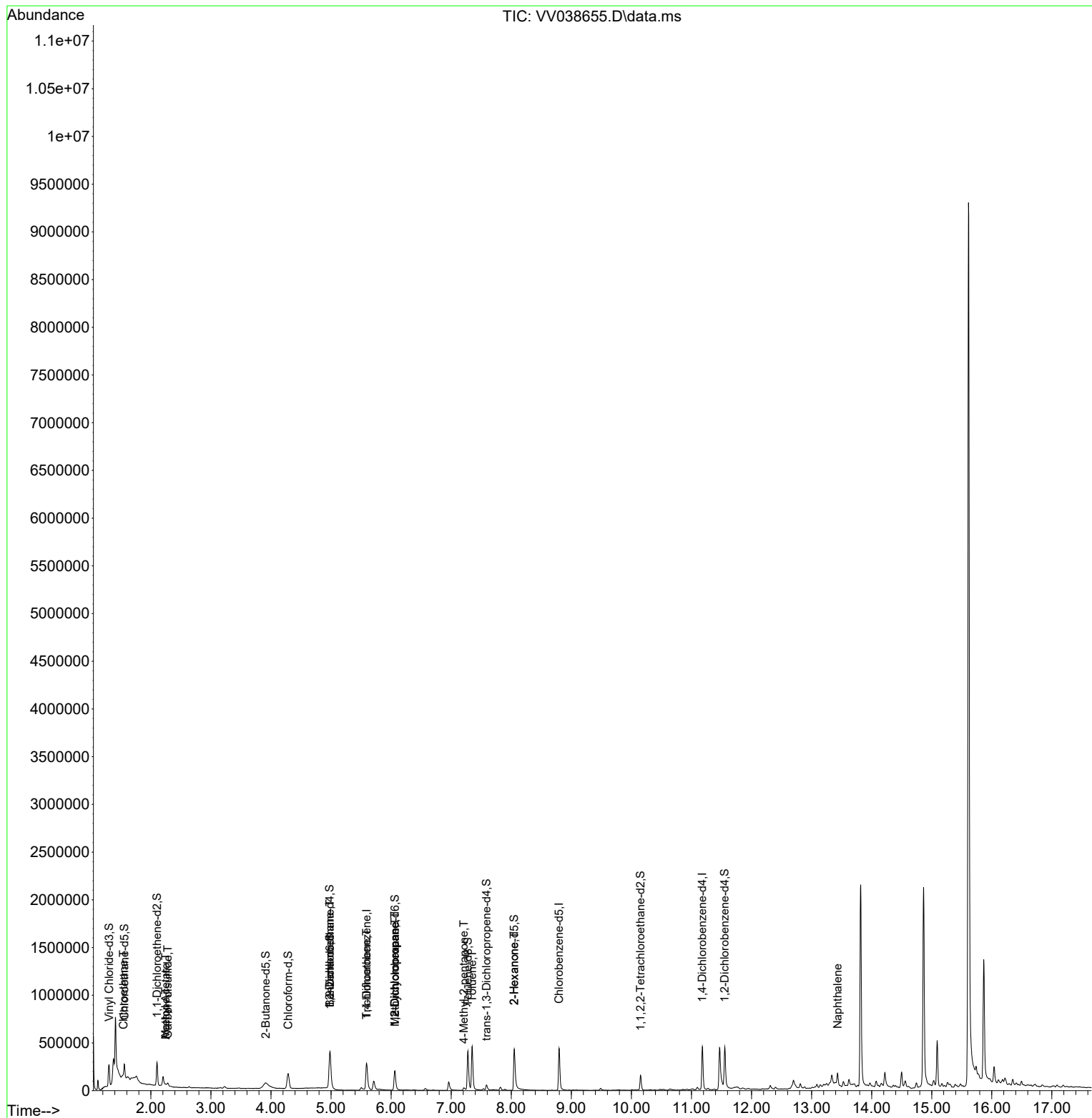
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.590  | 114   | 262714   | 5.00     | ug/L   | 0.06     |
| 28) Chlorobenzene-d5          | 8.796  | 117   | 238415   | 5.00     | ug/L   | 0.02     |
| 58) 1,4-Dichlorobenzene-d4    | 11.181 | 152   | 113004   | 5.00     | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65    | 100423   | 3.70     | ug/L   | 0.03     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 74.00%   |
| 7) Chloroethane-d5            | 1.561  | 69    | 78451    | 3.83     | ug/L   | 0.03     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 76.60%   |
| 11) 1,1-Dichloroethene-d2     | 2.101  | 65    | 42781    | 3.77     | ug/L   | 0.05     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 75.40%   |
| 20) 2-Butanone-d5             | 3.911  | 46    | 223826   | 47.45    | ug/L   | 0.08     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 94.90%   |
| 24) Chloroform-d              | 4.284  | 84    | 164411   | 3.82     | ug/L   | 0.04     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 76.40%   |
| 26) 1,2-Dichloroethane-d4     | 4.976  | 65    | 87294    | 4.60     | ug/L   | 0.04     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 92.00%   |
| 32) Benzene-d6                | 4.982  | 84    | 312695   | 4.48     | ug/L   | 0.03     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.60%   |
| 36) 1,2-Dichloropropane-d6    | 6.063  | 67    | 104616   | 5.06     | ug/L   | 0.08     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 101.20%  |
| 41) Toluene-d8                | 7.278  | 98    | 276974   | 4.45     | ug/L   | 0.04     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 89.00%   |
| 43) trans-1,3-Dichloroprop... | 7.587  | 79    | 34861    | 4.60     | ug/L   | 0.04     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 92.00%   |
| 46) 2-Hexanone-d5             | 8.050  | 63    | 170101   | 57.88    | ug/L   | 0.03     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 115.76%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.152 | 84    | 78374    | 4.46     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 89.20%   |
| 66) 1,2-Dichlorobenzene-d4    | 11.554 | 152   | 105382   | 5.38     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 107.60%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 8) Chloroethane               | 1.542  | 64    | 65204    | 3.40     | ug/L # | 54       |
| 13) Acetone                   | 2.246  | 43    | 119977   | 34.63    | ug/L   | 44       |
| 14) Carbon disulfide          | 2.281  | 76    | 28876    | 0.39     | ug/L   | 96       |
| 15) Methyl Acetate            | 2.246  | 43    | 119977   | 13.46    | ug/L # | 53       |
| 27) 1,2-Dichloroethane        | 4.982  | 62    | 4690     | 0.19     | ug/L # | 87       |
| 34) Trichloroethene           | 5.593  | 95    | 8240     | 0.42     | ug/L # | 7        |
| 35) Methylcyclohexane         | 6.063  | 83    | 25072    | 0.82     | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 6.059  | 63    | 11424    | 0.60     | ug/L # | 87       |
| 40) 4-Methyl-2-pentanone      | 7.210  | 43    | 23617    | 2.36     | ug/L # | 81       |
| 42) Toluene                   | 7.349  | 91    | 344047   | 4.29     | ug/L   | 98       |
| 48) 2-Hexanone                | 8.050  | 43    | 22830    | 3.09     | ug/L # | 64       |
| 71) Naphthalene               | 13.432 | 128   | 96285    | 3.26     | ug/L   | 96       |
| -----                         |        |       |          |          |        |          |

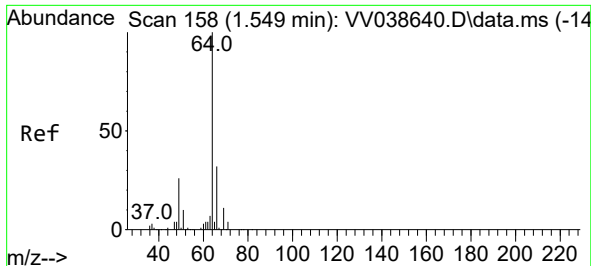
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV020725\  
Data File : VV038655.D  
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Sample : Q1334-14  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 19 Sample Multiplier: 1

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MSVOA\_V  
ClientSampleId :

Quant Time: Feb 12 13:24:33 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR020625WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Feb 12 13:18:31 2025  
Response via : Initial Calibration

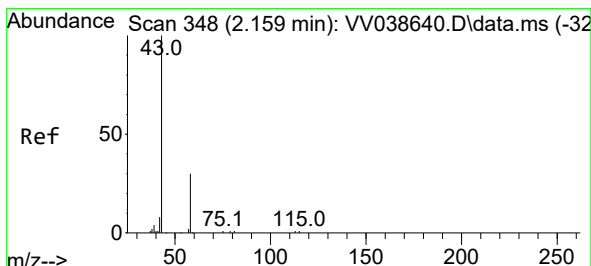
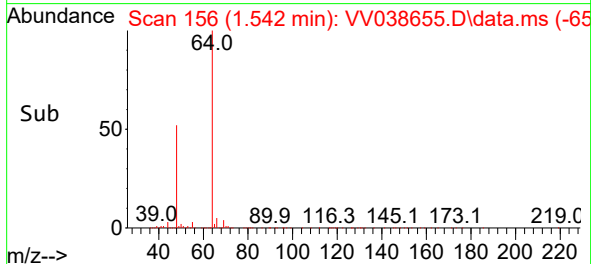
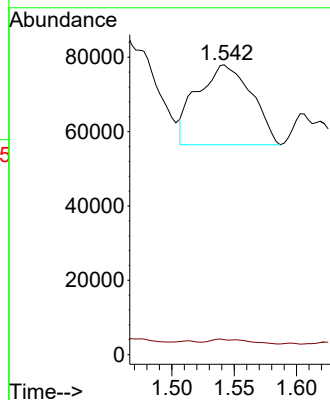
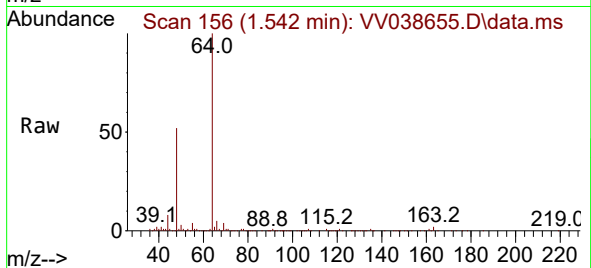




#8  
Chloroethane  
Concen: 3.40 ug/L  
RT: 1.542 min Scan# 11  
Delta R.T. -0.007 min  
Lab File: VV038655.D  
Acq: 07 Feb 2025 19:04

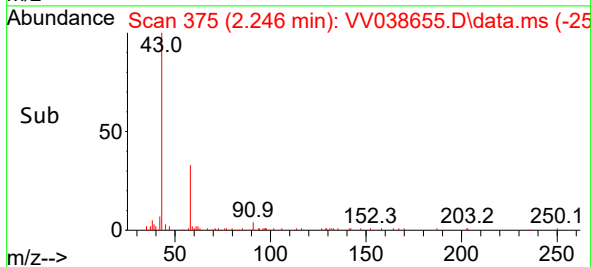
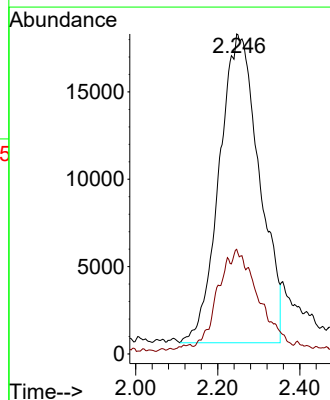
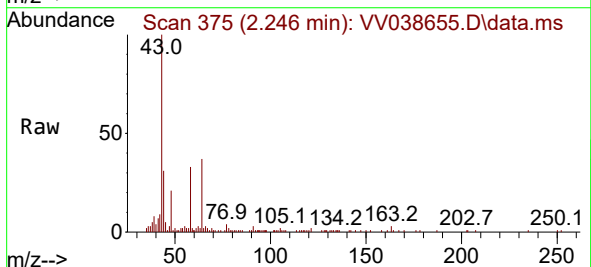
Instrument :  
MSVOA\_V  
ClientSampleId :

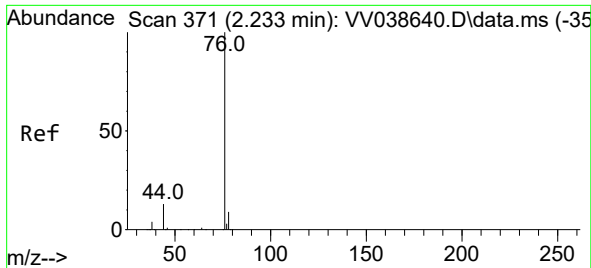
Tgt Ion: 64 Resp: 65204  
Ion Ratio Lower Upper  
64 100  
66 5.2 20.9 38.7#



#13  
Acetone  
Concen: 34.63 ug/L  
RT: 2.246 min Scan# 375  
Delta R.T. 0.087 min  
Lab File: VV038655.D  
Acq: 07 Feb 2025 19:04

Tgt Ion: 43 Resp: 119977  
Ion Ratio Lower Upper  
43 100  
58 1.8 0.0 67.4

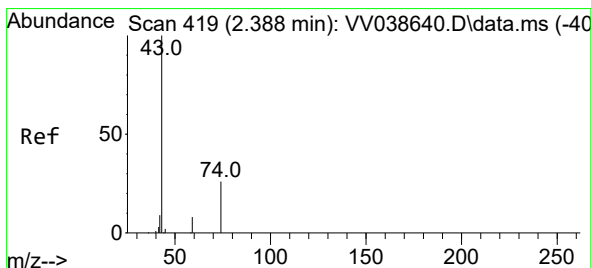
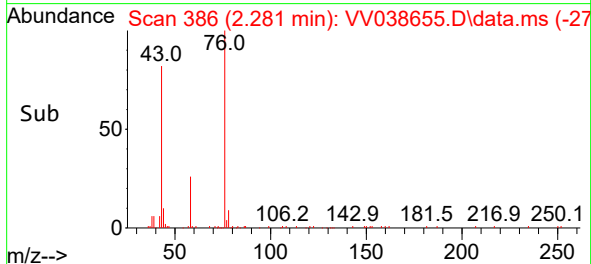
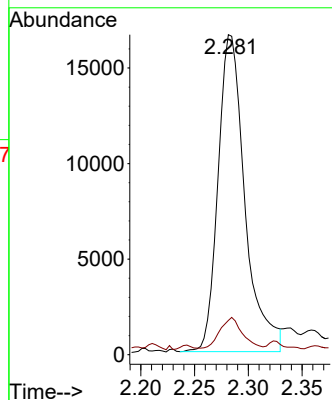
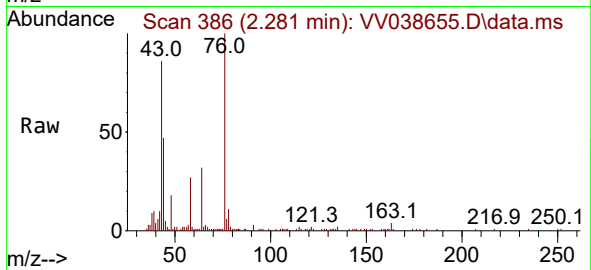




#14  
Carbon disulfide  
Concen: 0.39 ug/L  
RT: 2.281 min Scan# 31  
Delta R.T. 0.048 min  
Lab File: VV038655.D  
Acq: 07 Feb 2025 19:04

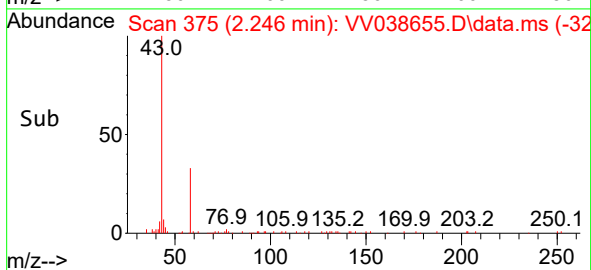
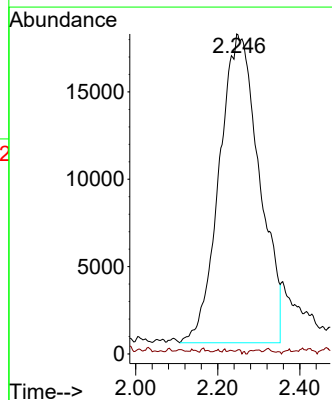
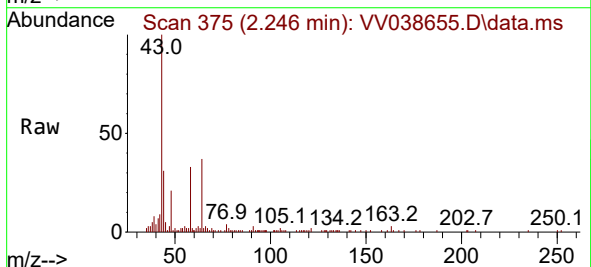
Instrument :  
MSVOA\_V  
ClientSampleId :

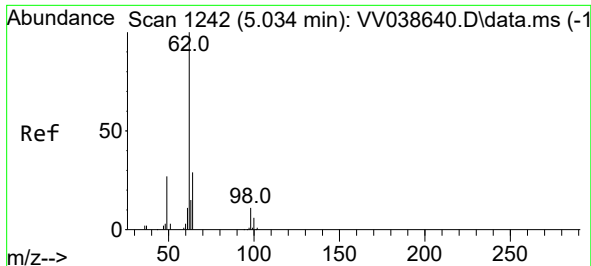
Tgt Ion: 76 Resp: 28876  
Ion Ratio Lower Upper  
76 100  
78 10.7 7.5 11.3



#15  
Methyl Acetate  
Concen: 13.46 ug/L  
RT: 2.246 min Scan# 375  
Delta R.T. -0.142 min  
Lab File: VV038655.D  
Acq: 07 Feb 2025 19:04

Tgt Ion: 43 Resp: 119977  
Ion Ratio Lower Upper  
43 100  
74 0.1 18.6 27.8#

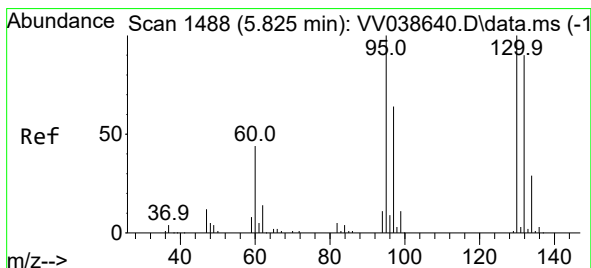
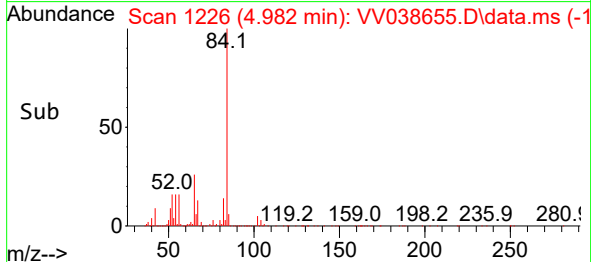
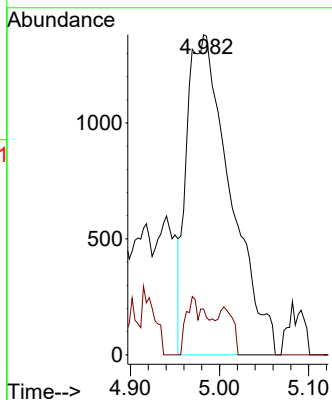
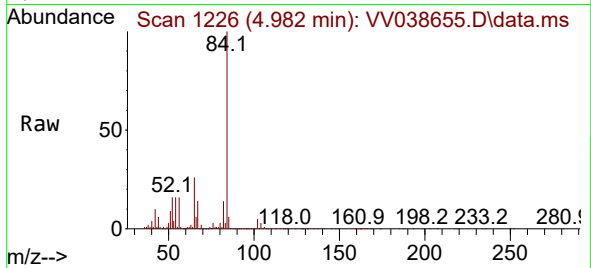




#27  
1,2-Dichloroethane  
Concen: 0.19 ug/L  
RT: 4.982 min Scan# 11  
Delta R.T. -0.052 min  
Lab File: VV038655.D  
Acq: 07 Feb 2025 19:04

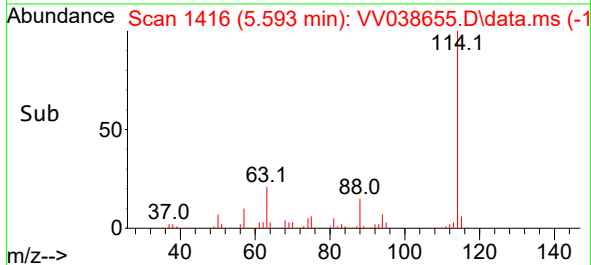
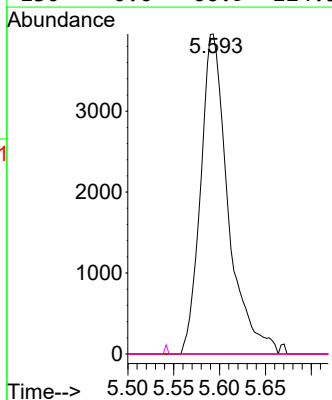
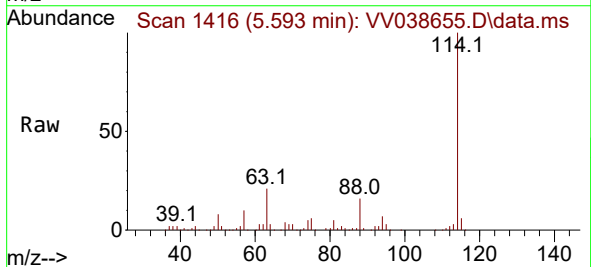
Instrument :  
MSVOA\_V  
ClientSampleId :

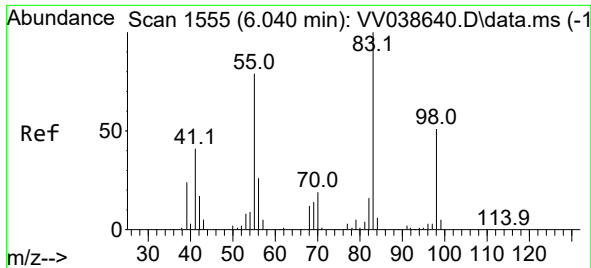
Tgt Ion: 62 Resp: 4690  
Ion Ratio Lower Upper  
62 100  
98 14.3 7.7 11.5#



#34  
Trichloroethene  
Concen: 0.42 ug/L  
RT: 5.593 min Scan# 1416  
Delta R.T. -0.232 min  
Lab File: VV038655.D  
Acq: 07 Feb 2025 19:04

Tgt Ion: 95 Resp: 8240  
Ion Ratio Lower Upper  
95 100  
97 0.0 43.5 80.9#  
132 0.0 64.0 118.8#  
130 0.0 66.9 124.3#

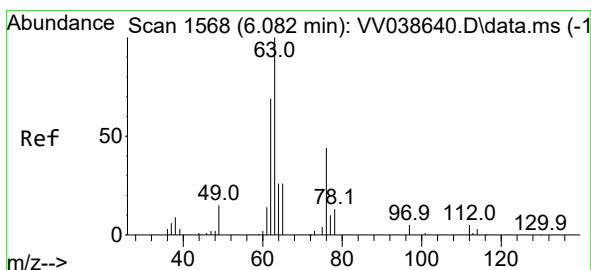
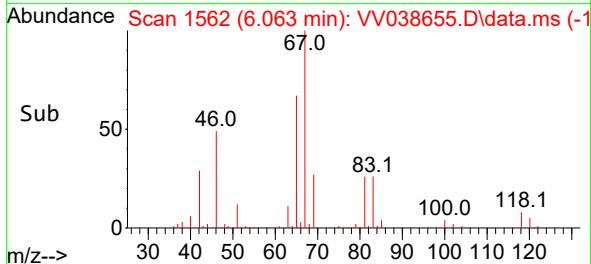
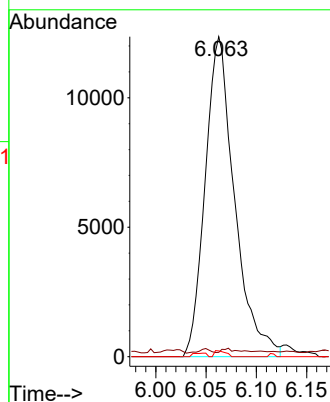
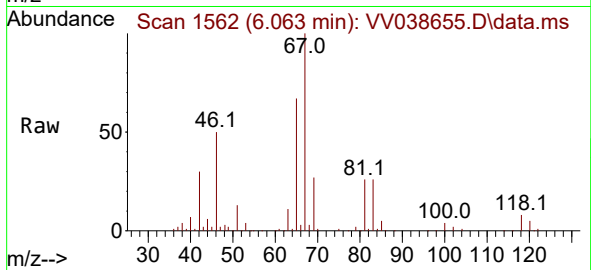




#35  
Methylcyclohexane  
Concen: 0.82 ug/L  
RT: 6.063 min Scan# 1562  
Delta R.T. 0.022 min  
Lab File: VV038655.D  
Acq: 07 Feb 2025 19:04

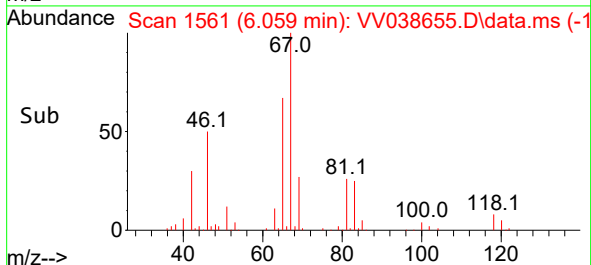
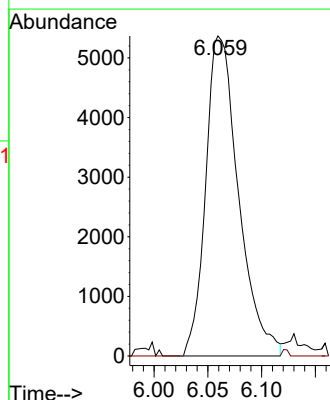
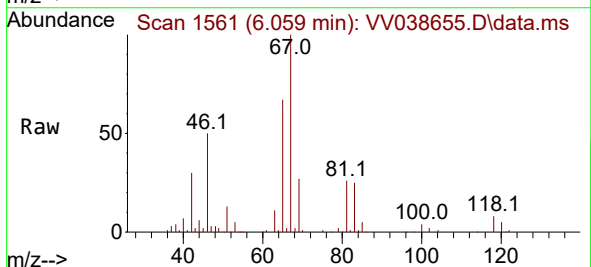
Instrument :  
MSVOA\_V  
ClientSampleId :

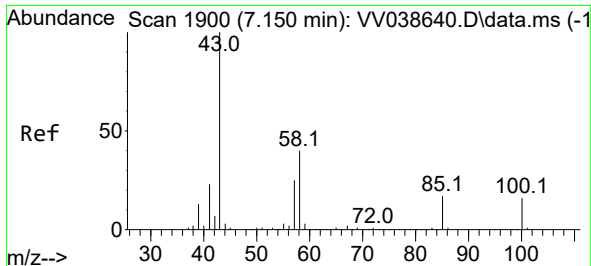
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 0.6   | 62.6  | 94.0# |
| 98      | 0.7   | 38.7  | 58.1# |



#37  
1,2-Dichloropropane  
Concen: 0.60 ug/L  
RT: 6.059 min Scan# 1561  
Delta R.T. -0.023 min  
Lab File: VV038655.D  
Acq: 07 Feb 2025 19:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 112     | 0.4   | 3.6   | 5.4#  |





#40

4-Methyl-2-pentanone

Concen: 2.36 ug/L

RT: 7.210 min Scan# 1900

Delta R.T. 0.061 min

Lab File: VV038655.D

Acq: 07 Feb 2025 19:04

Instrument :

MSVOA\_V

ClientSampleId :

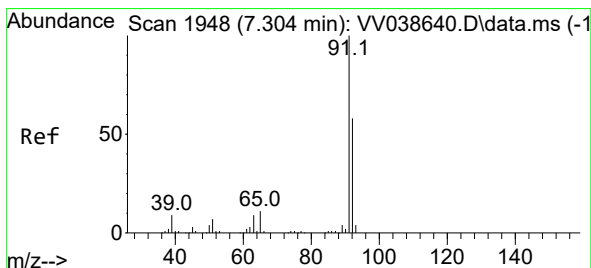
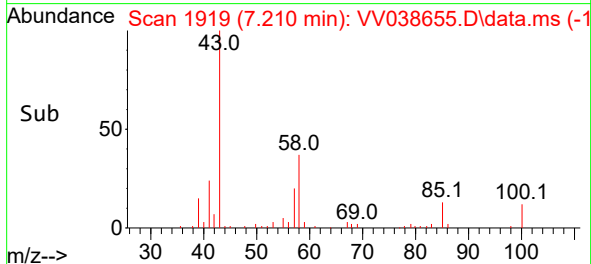
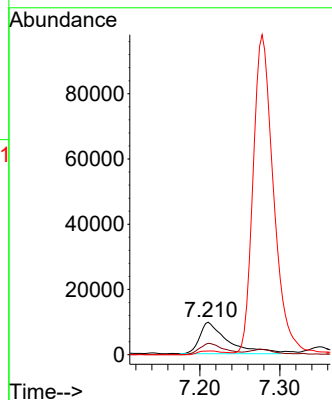
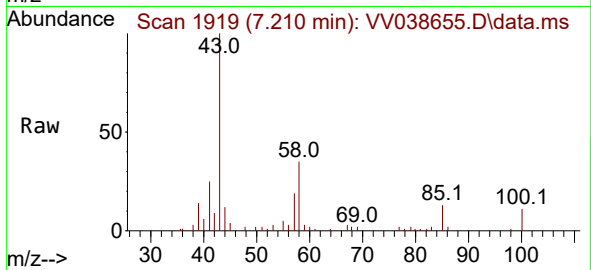
Tgt Ion: 43 Resp: 23617

Ion Ratio Lower Upper

43 100

58 31.7 31.1 46.7

100 0.0 12.0 18.0#



#42

Toluene

Concen: 4.29 ug/L

RT: 7.349 min Scan# 1962

Delta R.T. 0.045 min

Lab File: VV038655.D

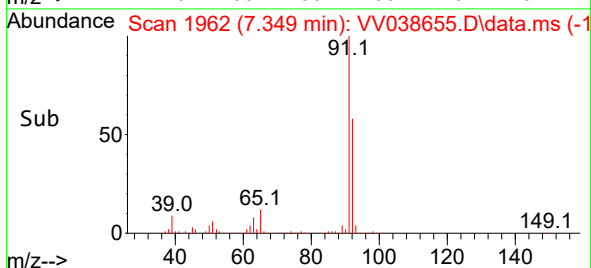
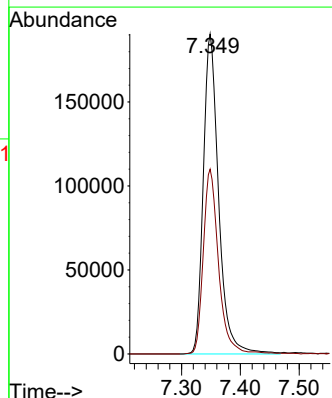
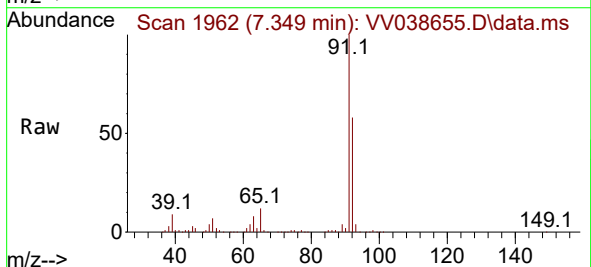
Acq: 07 Feb 2025 19:04

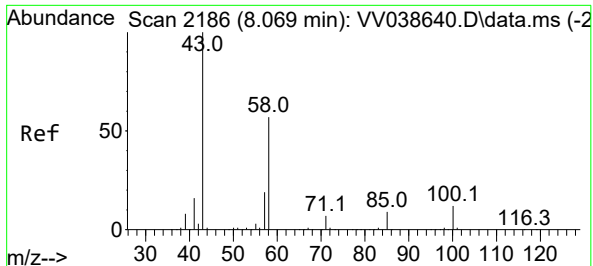
Tgt Ion: 91 Resp: 344047

Ion Ratio Lower Upper

91 100

92 57.7 39.3 72.9

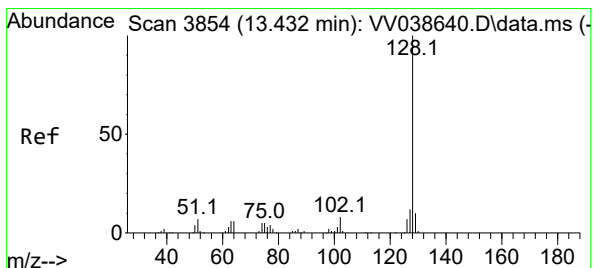
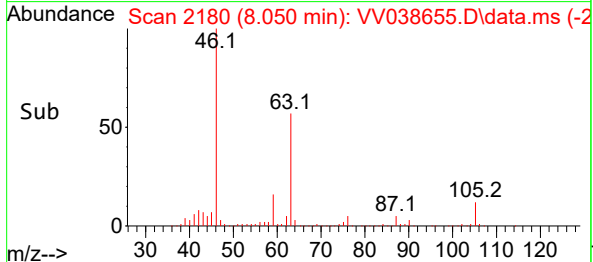
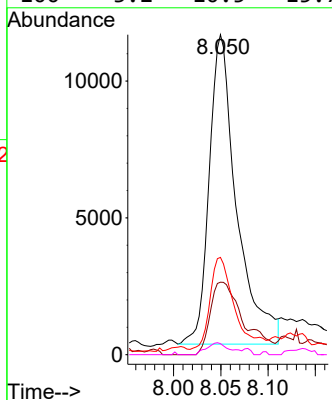
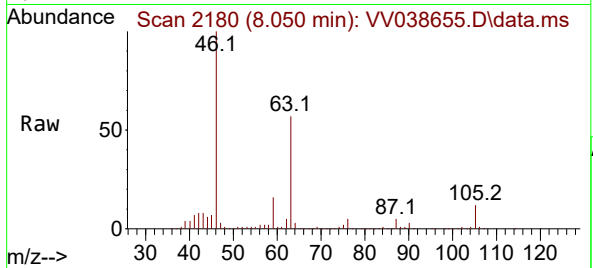




#48  
2-Hexanone  
Concen: 3.09 ug/L  
RT: 8.050 min Scan# 2186  
Delta R.T. -0.020 min  
Lab File: VV038655.D  
Acq: 07 Feb 2025 19:04

Instrument :  
MSVOA\_V  
ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 22830 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 24.4     | 46.1 69.1#  |
| 57 26.4     | 15.0 22.6#  |
| 100 3.2     | 10.5 15.7#  |



#71  
Naphthalene  
Concen: 3.26 ug/L  
RT: 13.432 min Scan# 3854  
Delta R.T. -0.000 min  
Lab File: VV038655.D  
Acq: 07 Feb 2025 19:04

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:128 | Resp: | 96285 |       |
| Ion         | Ratio | Lower | Upper |
| 128         | 100   |       |       |
| 129         | 11.4  | 7.6   | 11.4  |
| 127         | 12.5  | 10.9  | 16.3  |

