

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV012125\  
 Data File : VV038488.D  
 Acq On : 21 Jan 2025 17:02  
 Operator : SY/MD  
 Sample : Q1137-01  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jan 22 02:57:25 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR011725WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Jan 22 02:52:26 2025  
 Response via : Initial Calibration

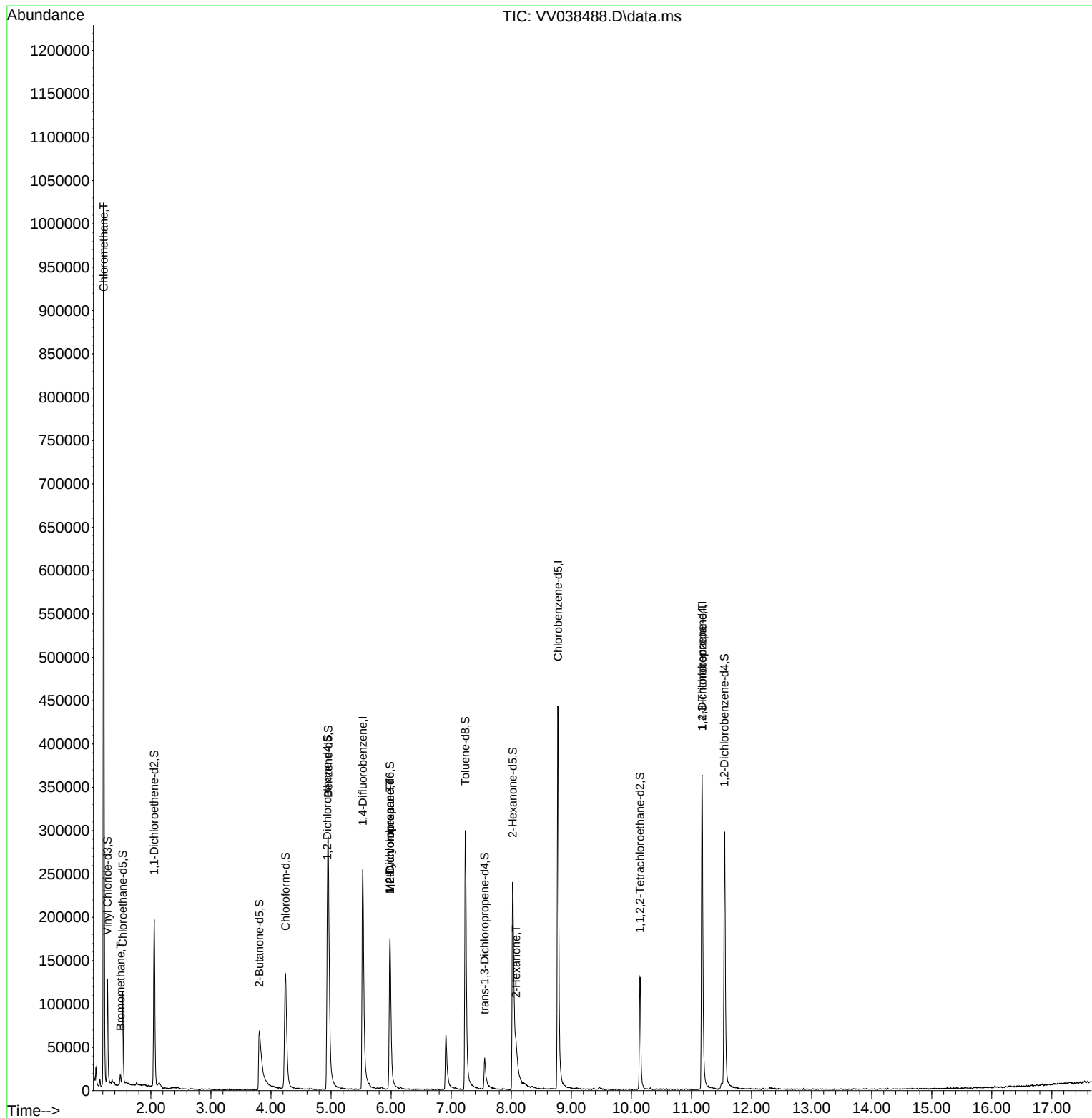
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.529  | 114   | 236516   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.776  | 117   | 253457   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.178 | 152   | 101174   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65    | 73763    | 3.782    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 75.600%  |
| 7) Chloroethane-d5            | 1.532  | 69    | 68988    | 4.212    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 84.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.056  | 65    | 34617    | 3.938    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 78.800%  |
| 20) 2-Butanone-d5             | 3.806  | 46    | 150512   | 36.690   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 73.380%  |
| 24) Chloroform-d              | 4.243  | 84    | 152190   | 4.163    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 83.200%  |
| 26) 1,2-Dichloroethane-d4     | 4.937  | 65    | 70833    | 4.228    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 84.600%  |
| 32) Benzene-d6                | 4.953  | 84    | 278757   | 3.993    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 79.800%  |
| 36) 1,2-Dichloropropane-d6    | 5.982  | 67    | 91423    | 4.309    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 86.200%  |
| 41) Toluene-d8                | 7.236  | 98    | 221839   | 3.538    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 70.800%  |
| 43) trans-1,3-Dichloroprop... | 7.558  | 79    | 26048    | 3.356    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 67.200%  |
| 46) 2-Hexanone-d5             | 8.024  | 63    | 95102    | 31.057   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 62.120%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.143 | 84    | 68922    | 4.097    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 82.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.551 | 152   | 78248    | 4.569    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 91.400%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.214  | 50    | 655962   | 24.198   | ug/L   | 100      |
| 6) Bromomethane               | 1.494  | 94    | 5701     | 0.416    | ug/L   | 93       |
| 35) Methylcyclohexane         | 5.982  | 83    | 22609    | 0.709    | ug/L # | 19       |
| 37) 1,2-Dichloropropane       | 5.982  | 63    | 10568    | 0.508    | ug/L # | 88       |
| 48) 2-Hexanone                | 8.082  | 43    | 23812    | 3.058    | ug/L   | 98       |
| 61) 1,2,3-Trichloropropane    | 11.178 | 75    | 12966    | 1.334    | ug/L # | 65       |
| -----                         |        |       |          |          |        |          |

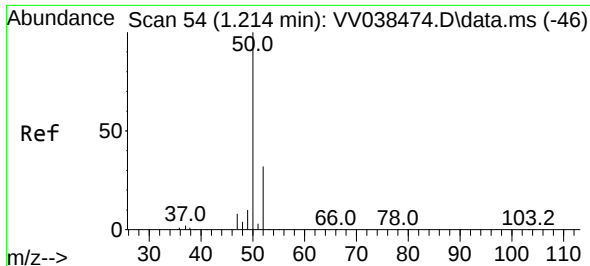
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 17 Sample Multiplier: 1

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MSVOA\_V  
ClientSampleId :

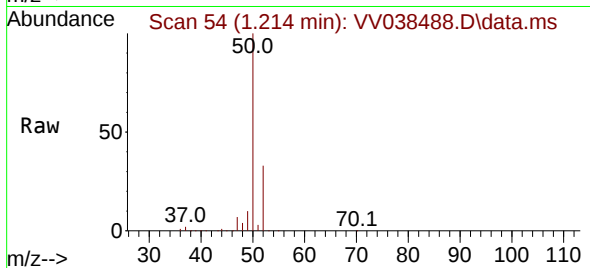
Quant Time: Jan 22 02:57:25 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR011725WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Jan 22 02:52:26 2025  
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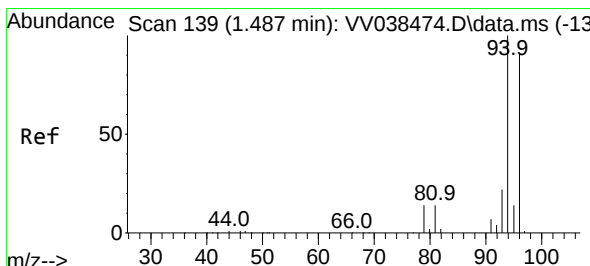
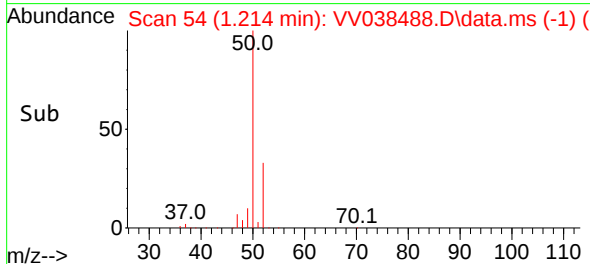
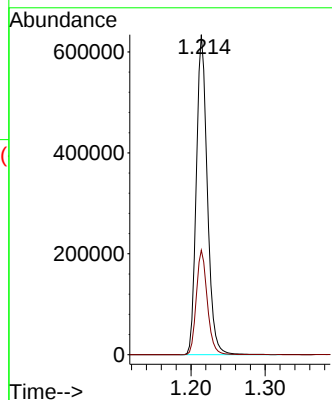


#3  
Chloromethane  
Concen: 24.198 ug/L  
RT: 1.214 min Scan# 54  
Delta R.T. -0.000 min  
Lab File: VV038488.D  
Acq: 21 Jan 2025 17:02

Instrument :  
MSVOA\_V  
ClientSampleId :

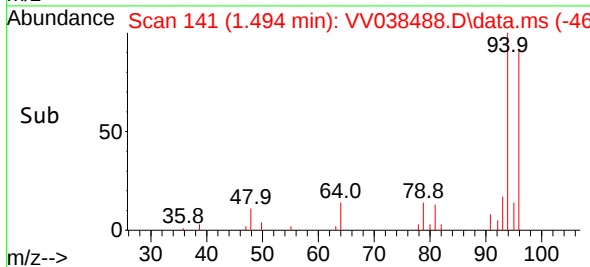
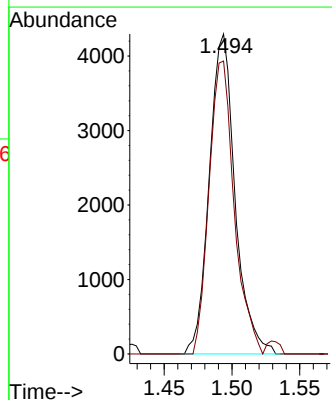
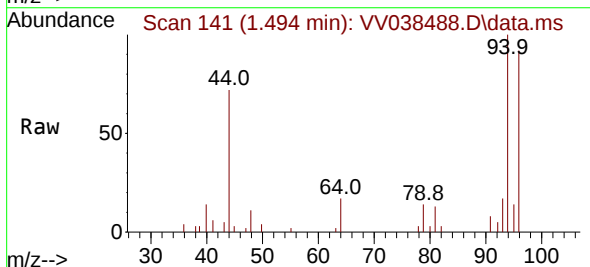


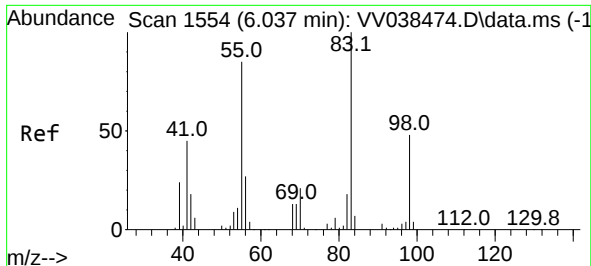
Tgt Ion: 50 Resp: 655962  
Ion Ratio Lower Upper  
50 100  
52 32.7 23.0 42.6



#6  
Bromomethane  
Concen: 0.416 ug/L  
RT: 1.494 min Scan# 141  
Delta R.T. 0.006 min  
Lab File: VV038488.D  
Acq: 21 Jan 2025 17:02

Tgt Ion: 94 Resp: 5701  
Ion Ratio Lower Upper  
94 100  
96 91.5 68.9 127.9

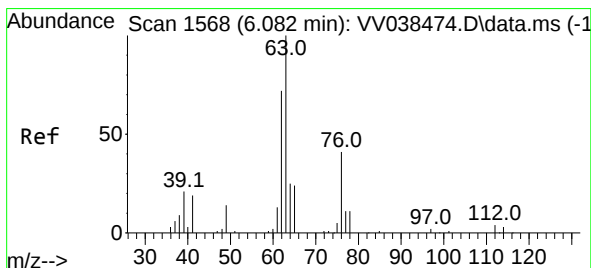
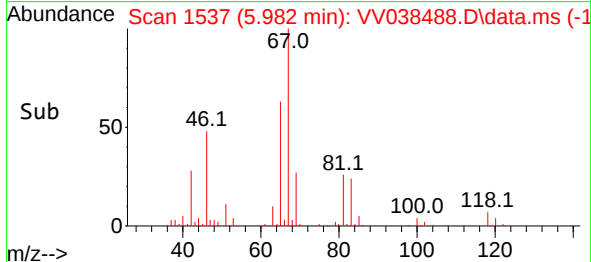
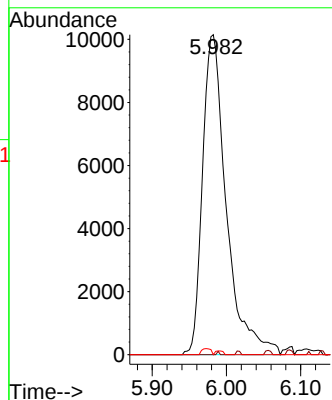
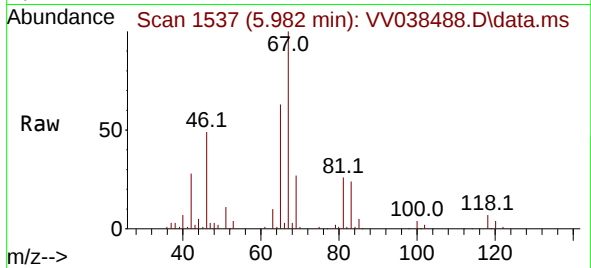




#35  
Methylcyclohexane  
Concen: 0.709 ug/L  
RT: 5.982 min Scan# 1537  
Delta R.T. -0.055 min  
Lab File: VV038488.D  
Acq: 21 Jan 2025 17:02

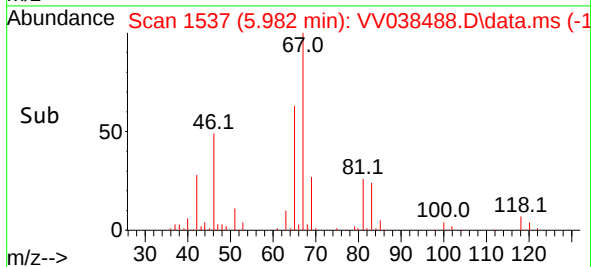
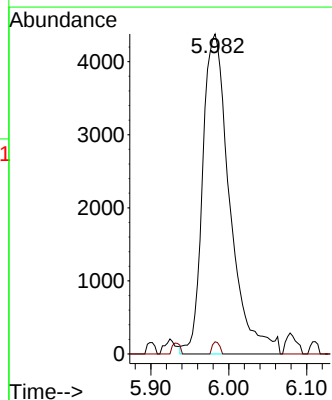
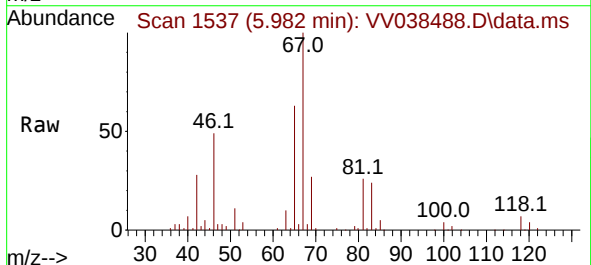
Instrument :  
MSVOA\_V  
ClientSampleId :

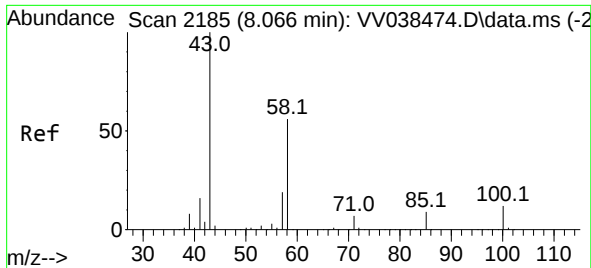
Tgt Ion: 83 Resp: 22609  
Ion Ratio Lower Upper  
83 100  
55 0.1 59.4 89.0#  
98 0.4 37.8 56.8#



#37  
1,2-Dichloropropane  
Concen: 0.508 ug/L  
RT: 5.982 min Scan# 1537  
Delta R.T. -0.100 min  
Lab File: VV038488.D  
Acq: 21 Jan 2025 17:02

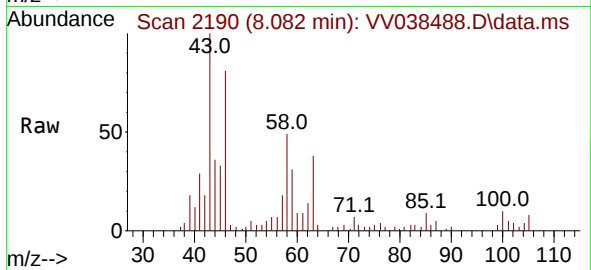
Tgt Ion: 63 Resp: 10568  
Ion Ratio Lower Upper  
63 100  
112 1.0 4.1 6.1#



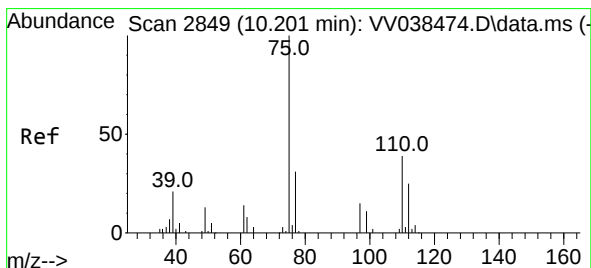
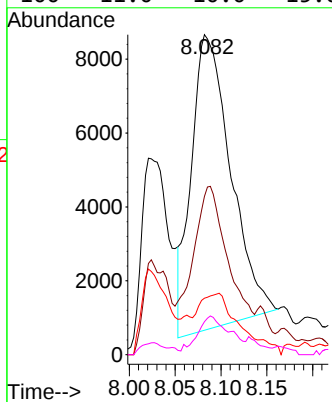
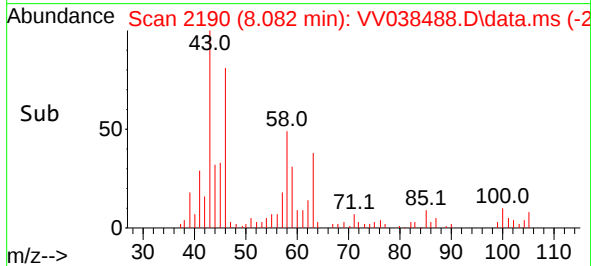


#48  
2-Hexanone  
Concen: 3.058 ug/L  
RT: 8.082 min Scan# 2185  
Delta R.T. 0.016 min  
Lab File: VV038488.D  
Acq: 21 Jan 2025 17:02

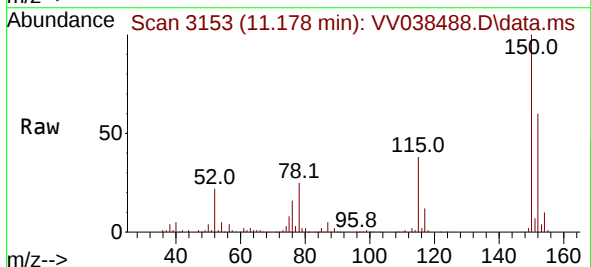
Instrument :  
MSVOA\_V  
ClientSampleId :



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 54.1  | 43.6  | 65.4  |
| 57      | 21.6  | 15.0  | 22.4  |
| 100     | 11.0  | 10.0  | 15.0  |



#61  
1,2,3-Trichloropropane  
Concen: 1.334 ug/L  
RT: 11.178 min Scan# 3153  
Delta R.T. 0.977 min  
Lab File: VV038488.D  
Acq: 21 Jan 2025 17:02



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 33.7  | 25.4  | 38.0  |
| 110     | 3.2   | 32.6  | 48.8# |

