

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV072524\  
 Data File : VV036687.D  
 Acq On : 25 Jul 2024 01:46  
 Operator : SY/MD  
 Sample : P3335-13DL 200X  
 Misc : 5.00mL/MSVOA\_V/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jul 25 04:30:59 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072424WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jul 25 03:06:08 2024  
 Response via : Initial Calibration

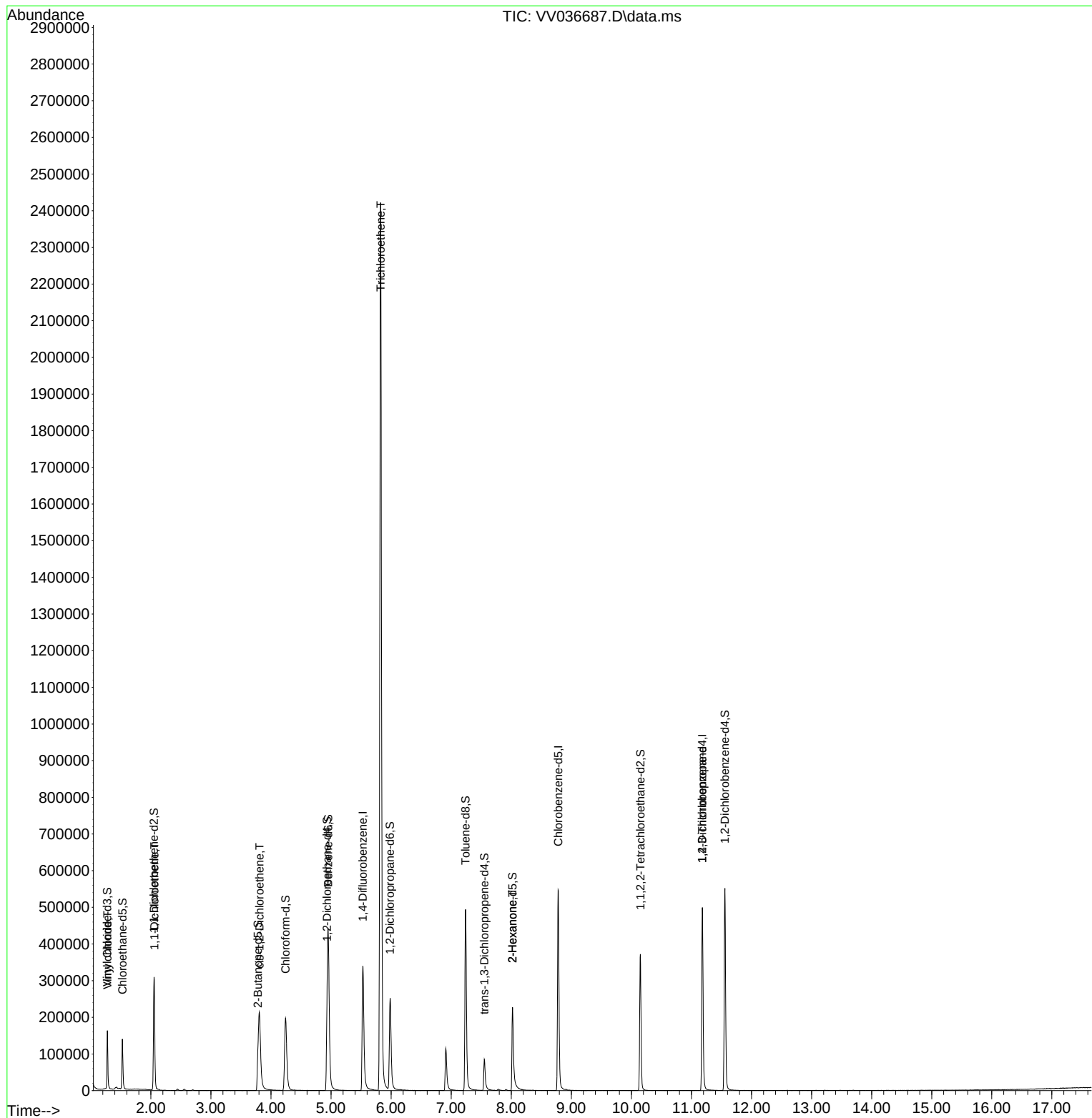
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.529   | 114   | 328028   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783   | 117   | 337058   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.182  | 152   | 145879   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.275   | 65    | 101306   | 41.969   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 83.940%  |
| 7) Chloroethane-d5            | 1.526   | 69    | 92154    | 44.588   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 89.180%  |
| 11) 1,1-Dichloroethene-d2     | 2.053   | 65    | 49194    | 42.606   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 85.220%  |
| 21) 2-Butanone-d5             | 3.780   | 46    | 110980   | 89.707   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 89.710%  |
| 24) Chloroform-d              | 4.243   | 84    | 221642   | 44.846   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 89.700%  |
| 26) 1,2-Dichloroethane-d4     | 4.934   | 65    | 142200   | 48.315   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 96.620%  |
| 32) Benzene-d6                | 4.953   | 84    | 405523   | 45.868   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 91.740%  |
| 36) 1,2-Dichloropropane-d6    | 5.982   | 67    | 121190   | 48.286   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 96.580%  |
| 41) Toluene-d8                | 7.240   | 98    | 355485   | 41.221   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 82.440%  |
| 43) trans-1,3-Dichloroprop... | 7.551   | 79    | 53885    | 39.668   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 79.340%  |
| 47) 2-Hexanone-d5             | 8.021   | 63    | 77404    | 83.329   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 83.330%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149  | 84    | 172144   | 44.264   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 88.520%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.558  | 152   | 157457   | 52.362   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 104.720% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 5) Vinyl chloride             | 1.278   | 62    | 2661     | 0.997    | ug/L # | 15       |
| 12) 1,1-Dichloroethene        | 2.060   | 96    | 4031     | 1.580    | ug/L # | 1        |
| 20) cis-1,2-Dichloroethene    | 3.809   | 96    | 113938   | 43.252   | ug/L   | 99       |
| 34) Trichloroethene           | 5.825   | 95    | 820570   | 264.690  | ug/L   | 99       |
| 48) 2-Hexanone                | 8.021   | 43    | 8977     | 4.655    | ug/L # | 68       |
| 61) 1,2,3-Trichloropropane    | 11.182  | 75    | 13455    | 5.500    | ug/L # | 59       |
| -----                         |         |       |          |          |        |          |

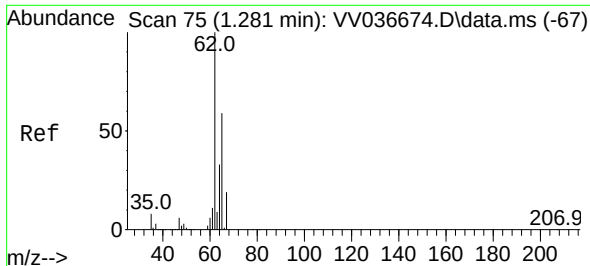
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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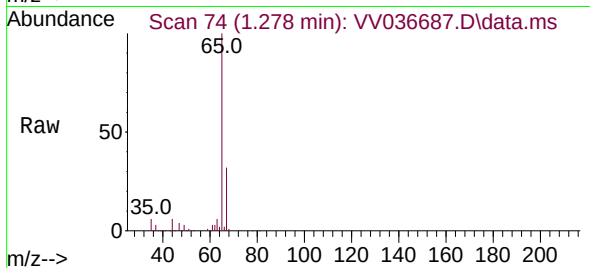
Quant Time: Jul 25 04:30:59 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072424WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Jul 25 03:06:08 2024  
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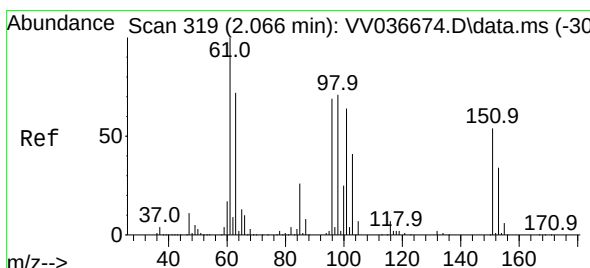
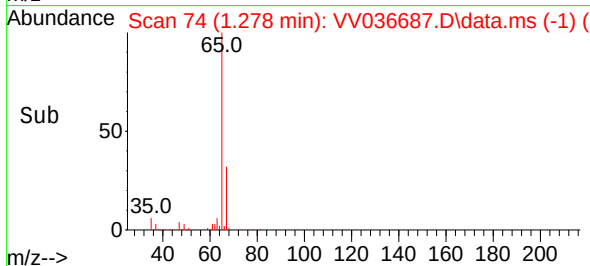
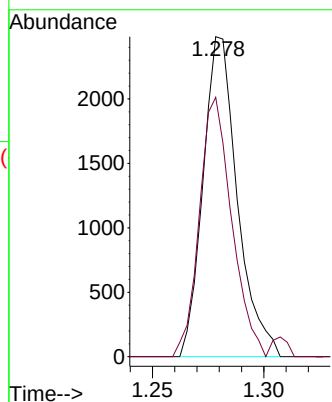


#5  
 Vinyl chloride  
 Concen: 0.997 ug/L  
 RT: 1.278 min Scan# 74  
 Delta R.T. -0.003 min  
 Lab File: VV036687.D  
 Acq: 25 Jul 2024 01:46

Instrument :  
 MSVOA\_V  
 ClientSampleId :

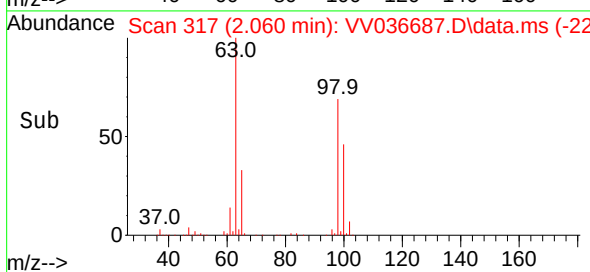
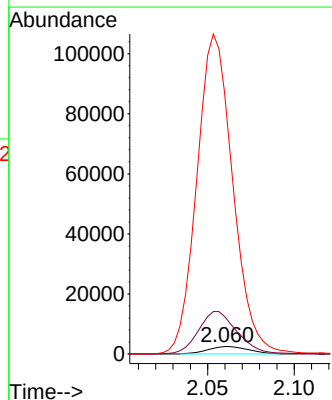
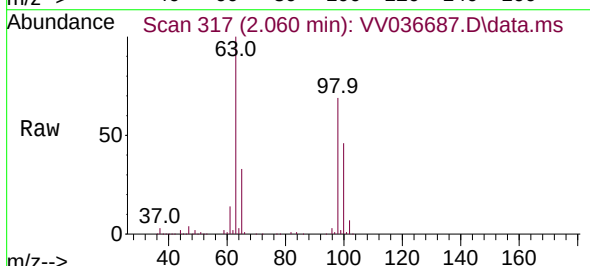


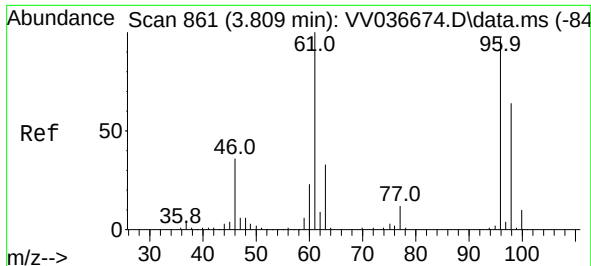
Tgt Ion: 62 Resp: 2661  
 Ion Ratio Lower Upper  
 62 100  
 64 81.1 23.1 42.9#



#12  
 1,1-Dichloroethene  
 Concen: 1.580 ug/L  
 RT: 2.060 min Scan# 317  
 Delta R.T. -0.006 min  
 Lab File: VV036687.D  
 Acq: 25 Jul 2024 01:46

Tgt Ion: 96 Resp: 4031  
 Ion Ratio Lower Upper  
 96 100  
 61 509.4 100.4 186.4#  
 63 3548.1 70.8 131.4#





#20

cis-1,2-Dichloroethene

Concen: 43.252 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.000 min

Lab File: VV036687.D

Acq: 25 Jul 2024 01:46

Instrument :

MSVOA\_V

ClientSampleId :

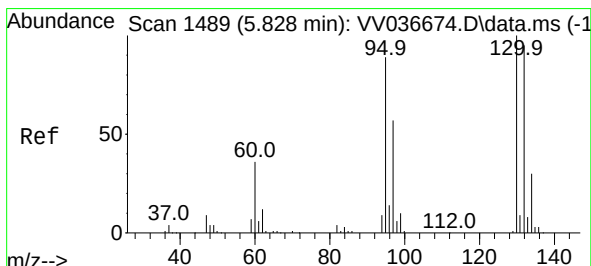
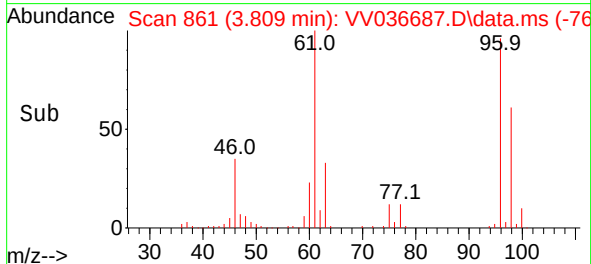
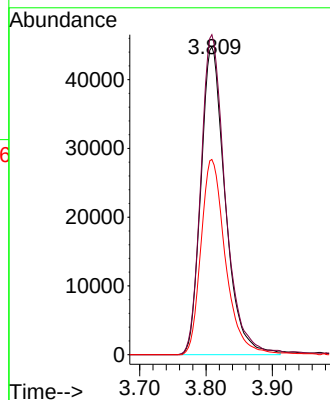
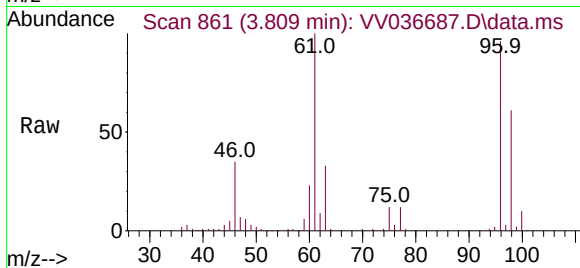
Tgt Ion: 96 Resp: 113938

Ion Ratio Lower Upper

96 100

61 104.0 73.4 136.2

98 63.4 45.2 84.0



#34

Trichloroethene

Concen: 264.690 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.003 min

Lab File: VV036687.D

Acq: 25 Jul 2024 01:46

Tgt Ion: 95 Resp: 820570

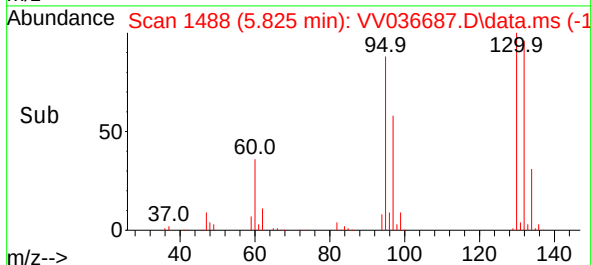
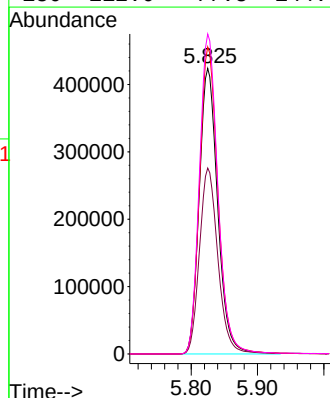
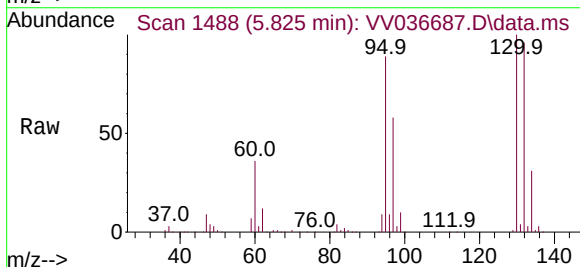
Ion Ratio Lower Upper

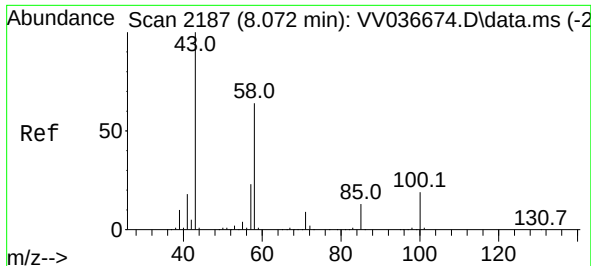
95 100

97 65.1 44.7 83.1

132 107.5 74.3 138.1

130 112.0 77.8 144.4





#48

2-Hexanone

Concen: 4.655 ug/L

RT: 8.021 min Scan# 21

Delta R.T. -0.051 min

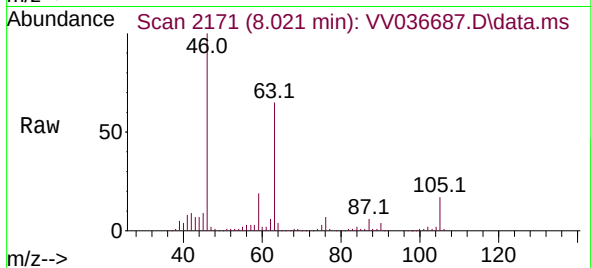
Lab File: VV036687.D

Acq: 25 Jul 2024 01:46

Instrument :

MSVOA\_V

ClientSampleId :



Tgt Ion: 43 Resp: 8977

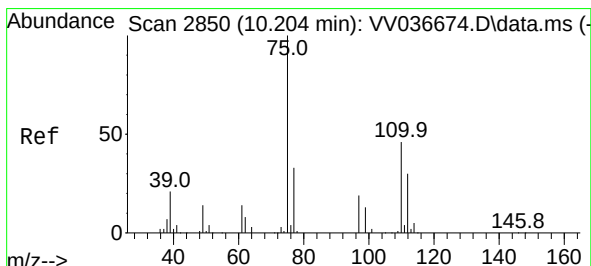
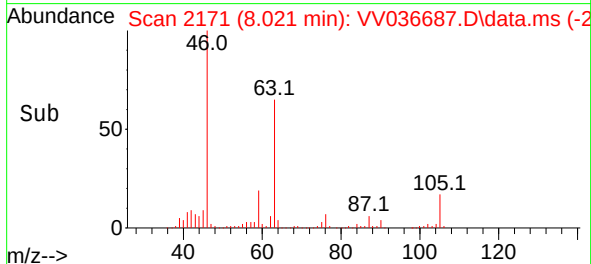
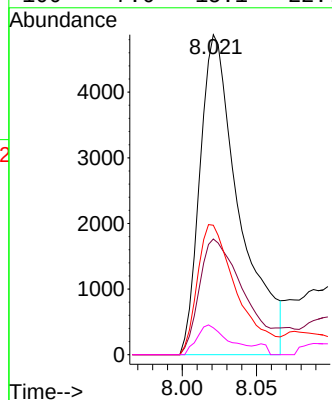
Ion Ratio Lower Upper

43 100

58 40.2 51.3 76.9#

57 41.4 17.6 26.4#

100 7.6 15.1 22.7#



#61

1,2,3-Trichloropropane

Concen: 5.500 ug/L

RT: 11.182 min Scan# 3154

Delta R.T. 0.978 min

Lab File: VV036687.D

Acq: 25 Jul 2024 01:46

Tgt Ion: 75 Resp: 13455

Ion Ratio Lower Upper

75 100

77 35.9 26.1 39.1

110 2.4 36.7 55.1#

