

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU110524\  
 Data File : VU061453.D  
 Acq On : 05 Nov 2024 15:22  
 Operator : MD/SY  
 Sample : P4671-05  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 06 00:03:01 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102324WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Nov 05 23:59:28 2024  
 Response via : Initial Calibration

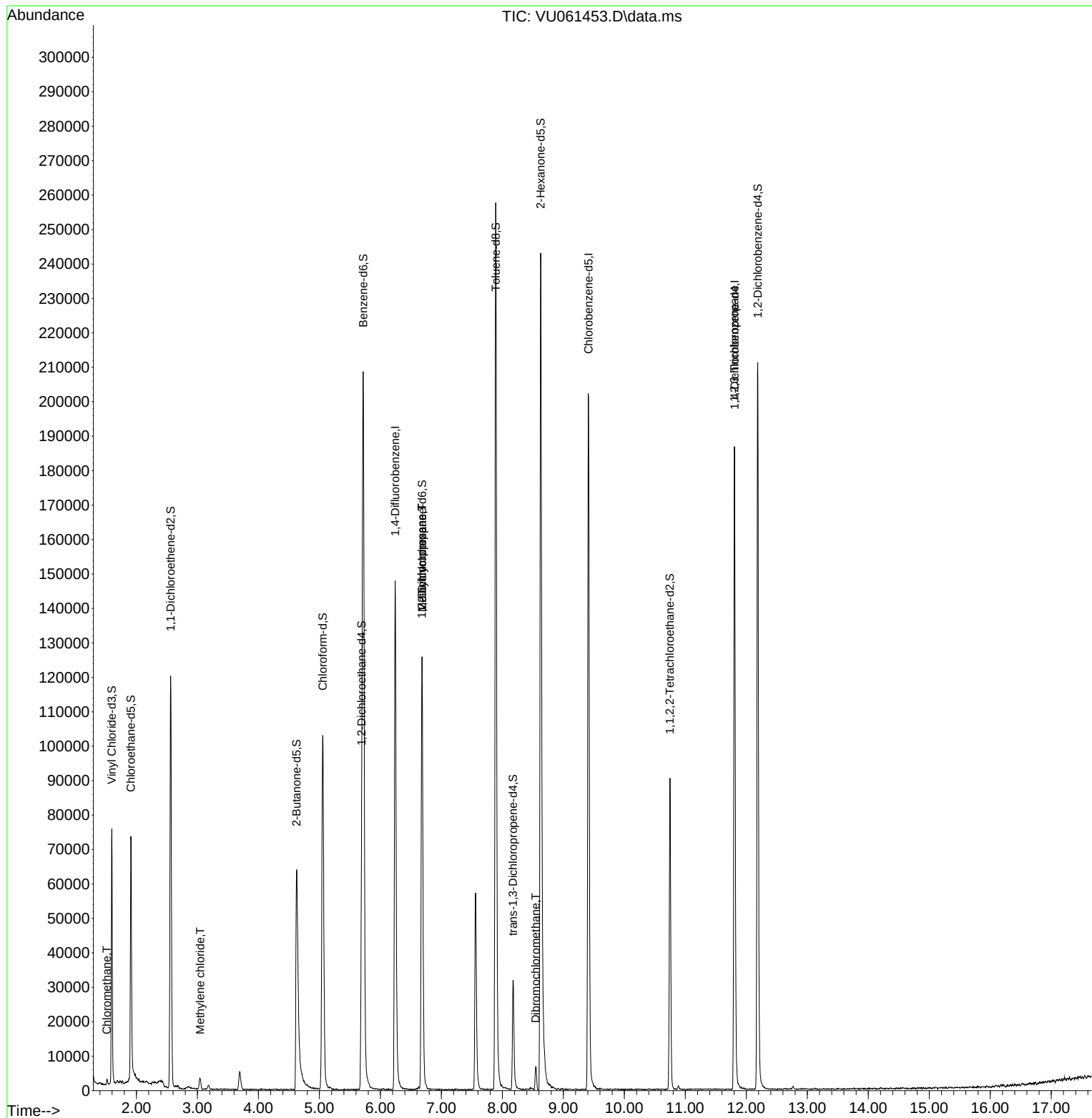
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 126544   | 5.000    | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 117328   | 5.000    | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 51534    | 5.000    | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 50988    | 5.932    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 118.600%  |
| 7) Chloroethane-d5            | 1.908  | 69    | 50272    | 6.379    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 127.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 22367    | 6.082    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 121.600%  |
| 20) 2-Butanone-d5             | 4.624  | 46    | 101993   | 58.439   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 116.880%  |
| 24) Chloroform-d              | 5.055  | 84    | 98579    | 6.042    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 120.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 50884    | 6.257    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 125.200%  |
| 32) Benzene-d6                | 5.718  | 84    | 207809   | 6.286    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 125.800%# |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 62024    | 6.240    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 124.800%  |
| 41) Toluene-d8                | 7.891  | 98    | 182920   | 5.918    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 118.400%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 20237    | 4.988    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 99.800%   |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 94106    | 56.632   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 113.260%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 45093    | 5.999    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 120.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 58426    | 6.402    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 128.000%# |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          |        | Qvalue    |
| 3) Chloromethane              | 1.515  | 50    | 1133     | 0.127    | ug/L   | 92        |
| 16) Methylene chloride        | 3.043  | 84    | 1513     | 0.172    | ug/L   | 95        |
| 35) Methylcyclohexane         | 6.682  | 83    | 14198    | 0.904    | ug/L # | 21        |
| 37) 1,2-Dichloropropane       | 6.679  | 63    | 6475     | 0.704    | ug/L # | 89        |
| 49) Dibromochloromethane      | 8.544  | 129   | 1588     | 0.212    | ug/L # | 12        |
| 61) 1,2,3-Trichloropropane    | 11.804 | 75    | 6425     | 1.252    | ug/L # | 67        |
| -----                         |        |       |          |          |        |           |

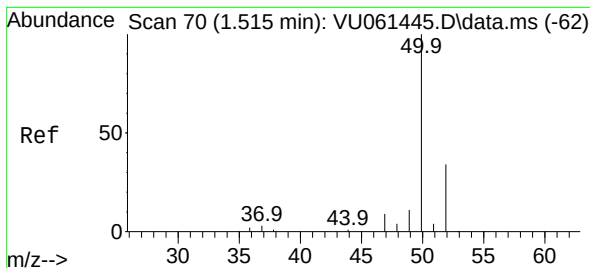
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.127 ug/L

RT: 1.515 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU061453.D

Acq: 05 Nov 2024 15:22

Instrument :

MSVOA\_U

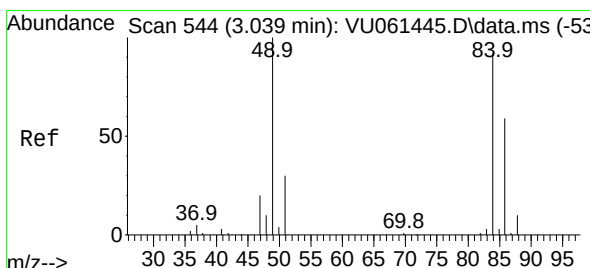
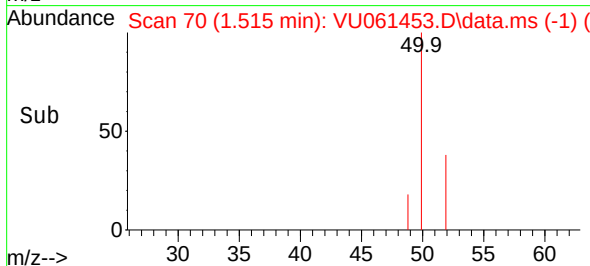
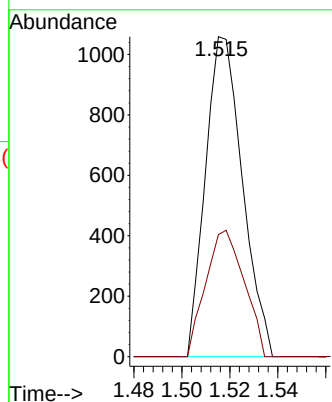
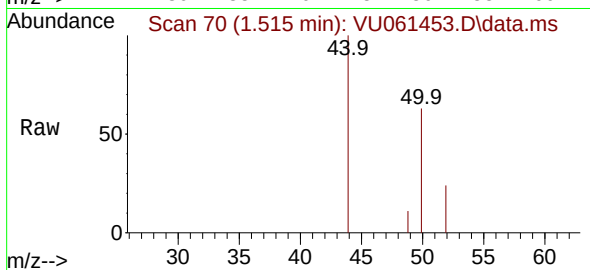
ClientSampleId :

Tgt Ion: 50 Resp: 1133

Ion Ratio Lower Upper

50 100

52 38.1 23.4 43.4



#16

Methylene chloride

Concen: 0.172 ug/L

RT: 3.043 min Scan# 545

Delta R.T. 0.003 min

Lab File: VU061453.D

Acq: 05 Nov 2024 15:22

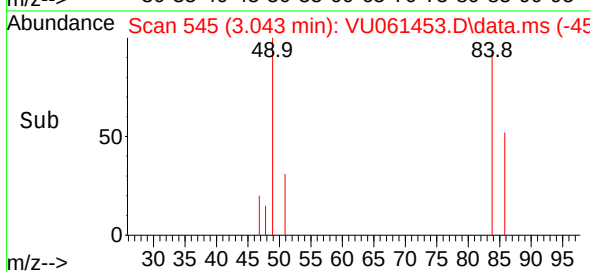
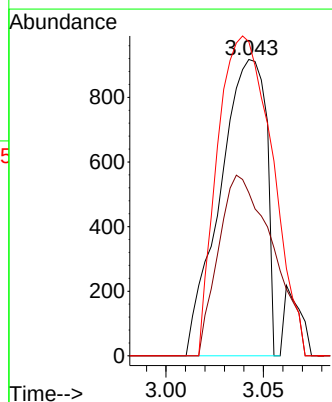
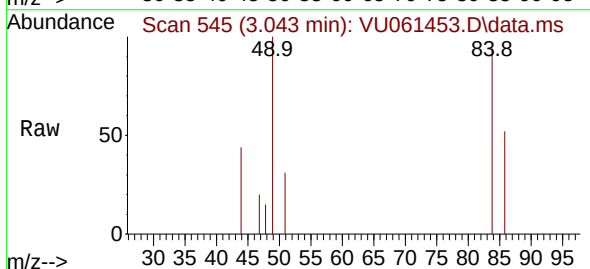
Tgt Ion: 84 Resp: 1513

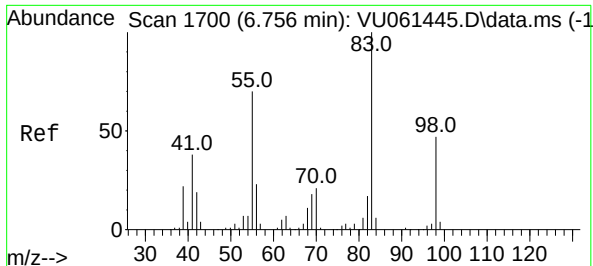
Ion Ratio Lower Upper

84 100

86 55.1 43.5 80.7

49 106.0 75.7 140.7

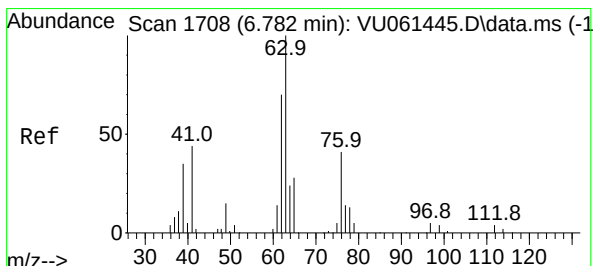
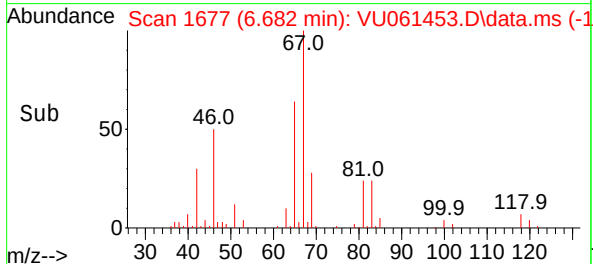
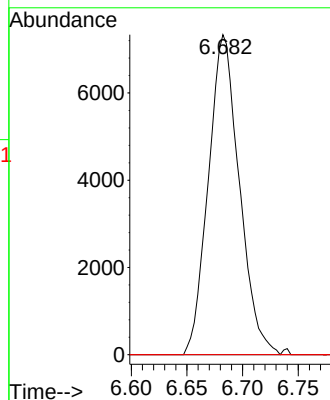
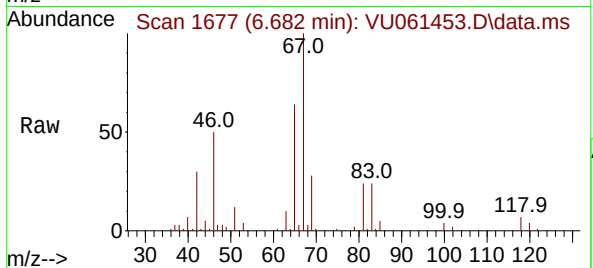




#35  
Methylcyclohexane  
Concen: 0.904 ug/L  
RT: 6.682 min Scan# 1677  
Delta R.T. -0.074 min  
Lab File: VU061453.D  
Acq: 05 Nov 2024 15:22

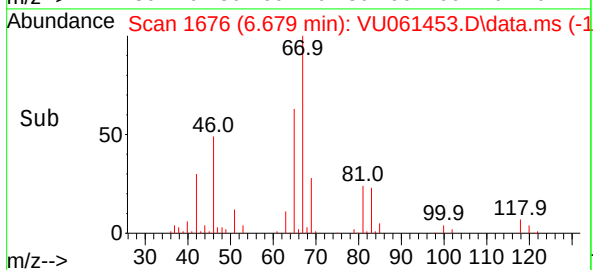
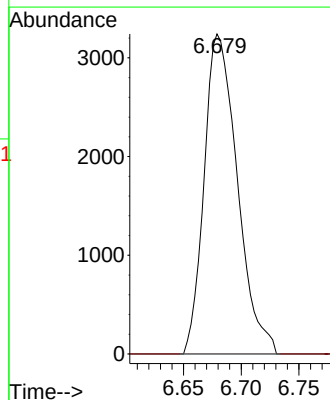
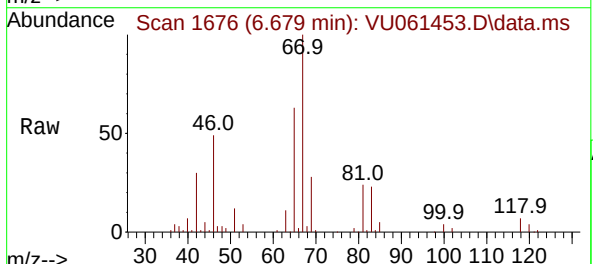
Instrument :  
MSVOA\_U  
ClientSampleId :

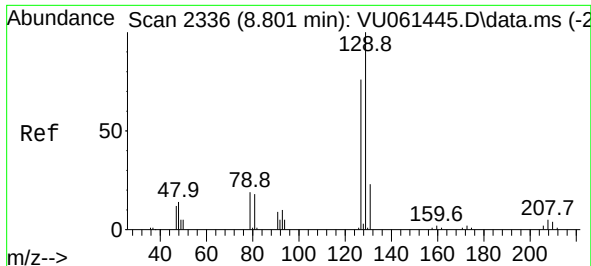
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 0.0   | 55.9  | 83.9# |
| 98      | 0.0   | 35.9  | 53.9# |



#37  
1,2-Dichloropropane  
Concen: 0.704 ug/L  
RT: 6.679 min Scan# 1676  
Delta R.T. -0.103 min  
Lab File: VU061453.D  
Acq: 05 Nov 2024 15:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 112     | 0.0   | 3.0   | 4.4#  |





#49

Dibromochloromethane

Concen: 0.212 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU061453.D

Acq: 05 Nov 2024 15:22

Instrument :

MSVOA\_U

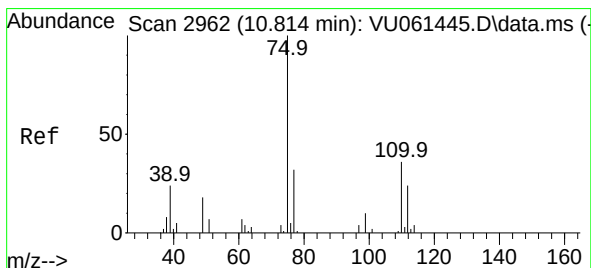
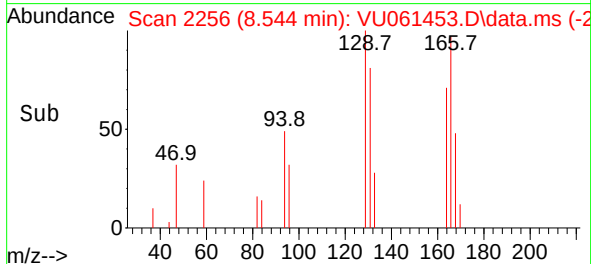
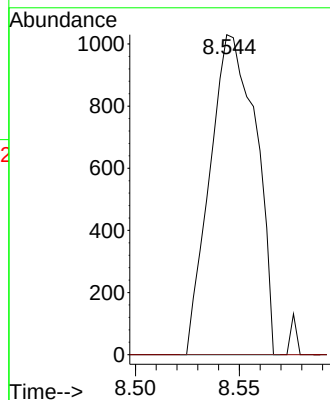
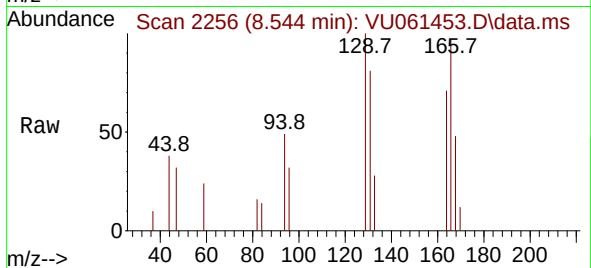
ClientSampleId :

Tgt Ion:129 Resp: 1588

Ion Ratio Lower Upper

129 100

127 0.0 51.8 96.2#



#61

1,2,3-Trichloropropane

Concen: 1.252 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU061453.D

Acq: 05 Nov 2024 15:22

Tgt Ion: 75 Resp: 6425

Ion Ratio Lower Upper

75 100

110 1.4 28.8 43.2#

77 33.8 25.7 38.5

