

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV090624\  
 Data File : VV037220.D  
 Acq On : 06 Sep 2024 13:07  
 Operator : SY/MD  
 Sample : P3843-12  
 Misc : 5.00mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Sep 06 23:24:12 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082624WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Sep 06 23:21:35 2024  
 Response via : Initial Calibration

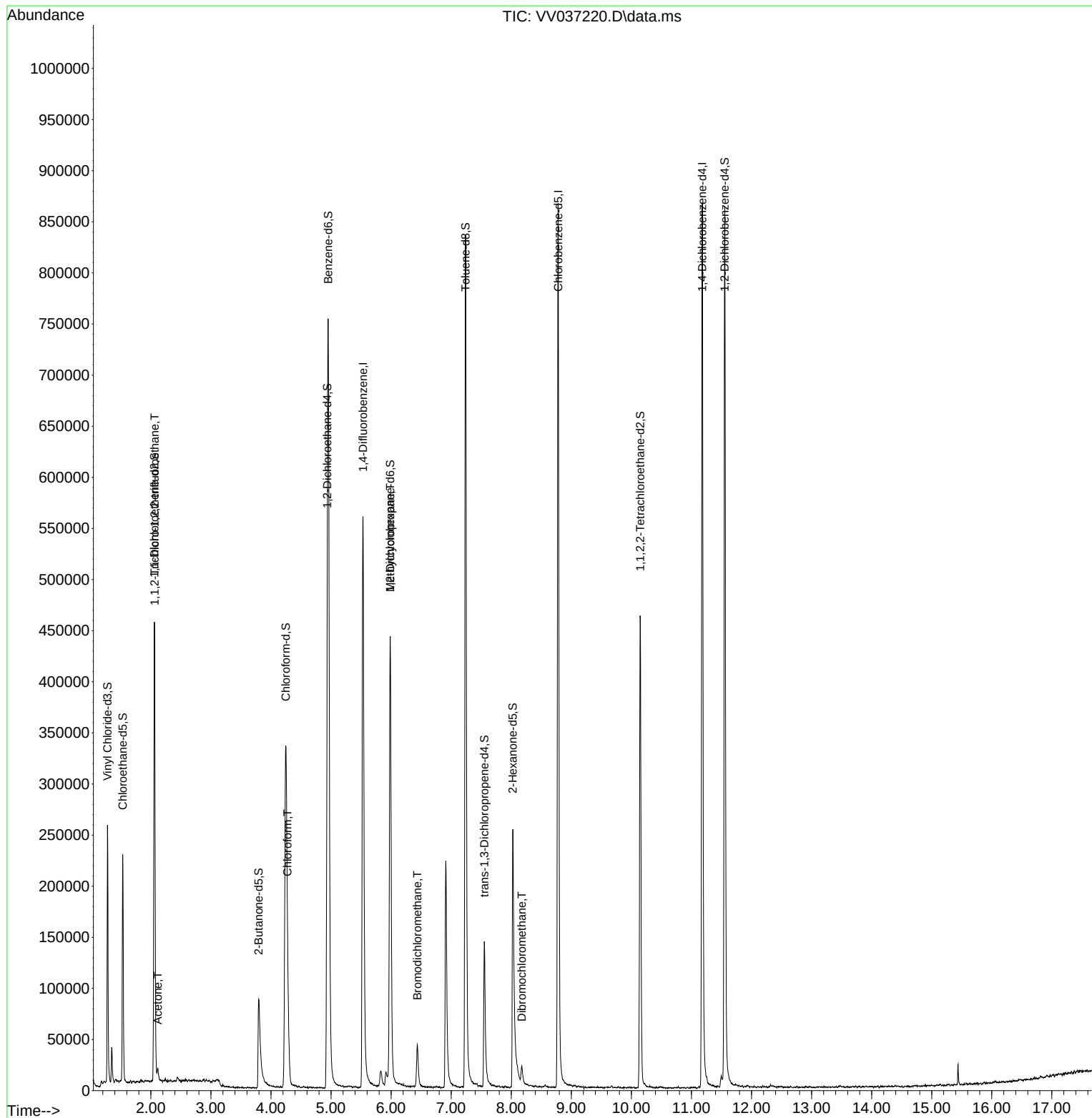
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.532   | 114   | 492120   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.780   | 117   | 477970   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.181  | 152   | 223608   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278   | 65    | 166914   | 37.078   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 74.160%  |
| 7) Chloroethane-d5            | 1.532   | 69    | 145486   | 41.816   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 83.640%  |
| 11) 1,1-Dichloroethene-d2     | 2.060   | 65    | 75836    | 40.081   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 80.160%  |
| 21) 2-Butanone-d5             | 3.796   | 46    | 149014   | 85.479   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 85.480%  |
| 24) Chloroform-d              | 4.246   | 84    | 335247   | 47.583   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 95.160%  |
| 26) 1,2-Dichloroethane-d4     | 4.937   | 65    | 209599   | 47.240   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 94.480%  |
| 32) Benzene-d6                | 4.953   | 84    | 649908   | 45.018   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 90.040%  |
| 36) 1,2-Dichloropropane-d6    | 5.986   | 67    | 217395   | 48.078   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 96.160%  |
| 41) Toluene-d8                | 7.239   | 98    | 554227   | 42.538   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 85.080%  |
| 43) trans-1,3-Dichloroprop... | 7.551   | 79    | 87588    | 41.869   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 83.740%  |
| 47) 2-Hexanone-d5             | 8.024   | 63    | 85937    | 69.638   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 69.640%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.146  | 84    | 234306   | 42.726   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 85.460%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.554  | 152   | 217571   | 48.582   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 97.160%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.063   | 101   | 3199     | 0.939    | ug/L # | 38       |
| 13) Acetone                   | 2.118   | 43    | 11787    | 6.304    | ug/L   | 92       |
| 25) Chloroform                | 4.275   | 83    | 100503   | 14.993   | ug/L   | 100      |
| 35) Methylcyclohexane         | 5.986   | 83    | 51496    | 8.706    | ug/L # | 19       |
| 38) Bromodichloromethane      | 6.436   | 83    | 29650    | 6.256    | ug/L   | 97       |
| 49) Dibromochloromethane      | 8.175   | 129   | 8379     | 2.431    | ug/L   | 99       |
| -----                         |         |       |          |          |        |          |

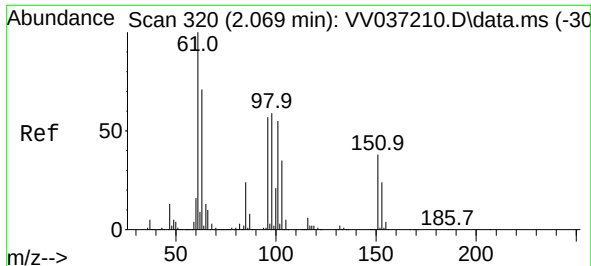
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Fri Sep 06 23:21:35 2024  
Response via : Initial Calibration

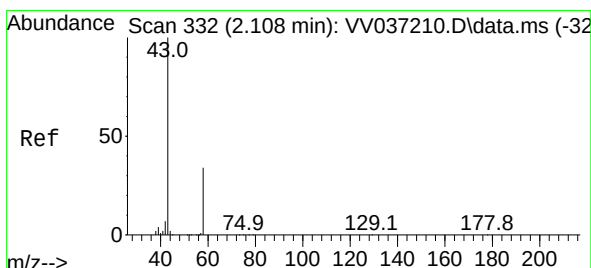
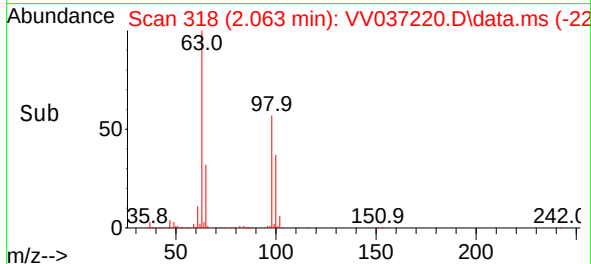
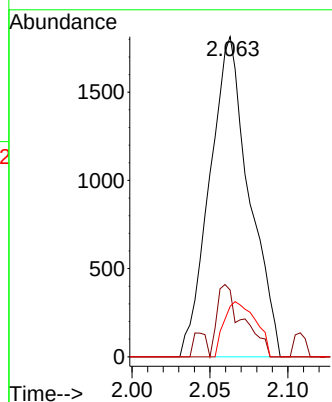
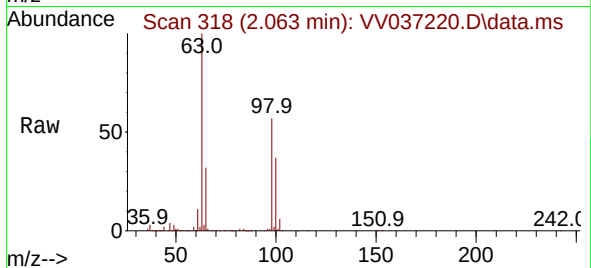




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.939 ug/L  
RT: 2.063 min Scan# 318  
Delta R.T. -0.006 min  
Lab File: VV037220.D  
Acq: 06 Sep 2024 13:07

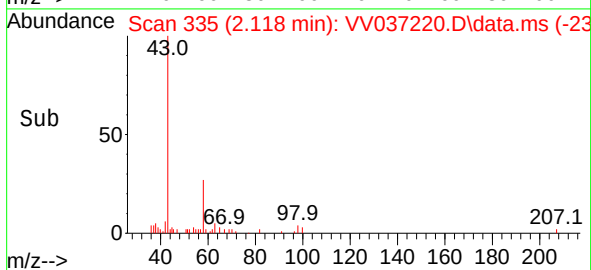
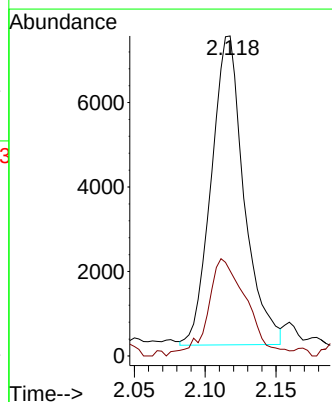
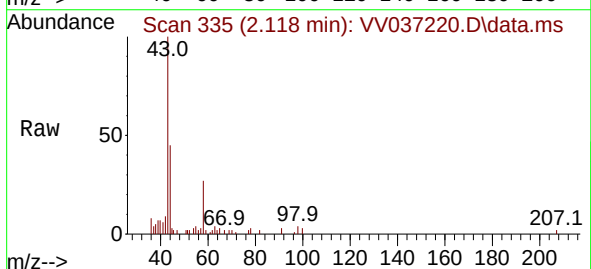
Instrument :  
MSVOA\_V  
ClientSampleId :

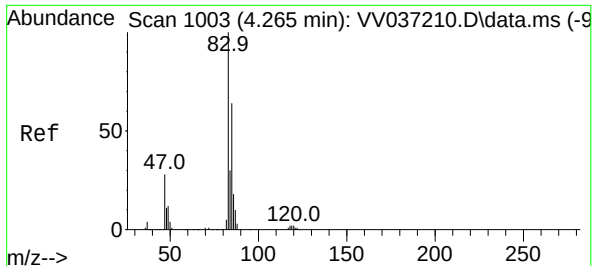
Tgt Ion:101 Resp: 3199  
Ion Ratio Lower Upper  
101 100  
85 9.2 35.6 53.4#  
151 13.8 55.0 82.4#



#13  
Acetone  
Concen: 6.304 ug/L  
RT: 2.118 min Scan# 335  
Delta R.T. 0.010 min  
Lab File: VV037220.D  
Acq: 06 Sep 2024 13:07

Tgt Ion: 43 Resp: 11787  
Ion Ratio Lower Upper  
43 100  
58 37.1 0.0 64.8





#25

Chloroform

Concen: 14.993 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV037220.D

Acq: 06 Sep 2024 13:07

Instrument :

MSVOA\_V

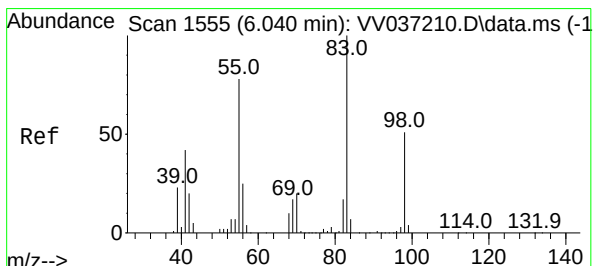
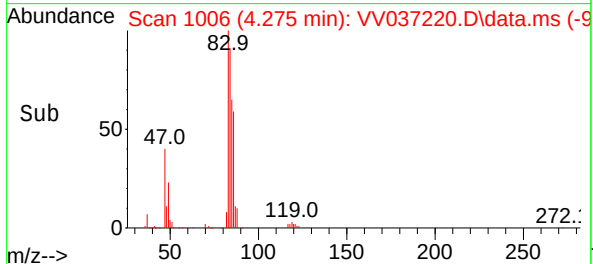
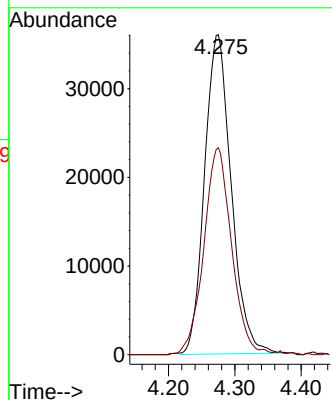
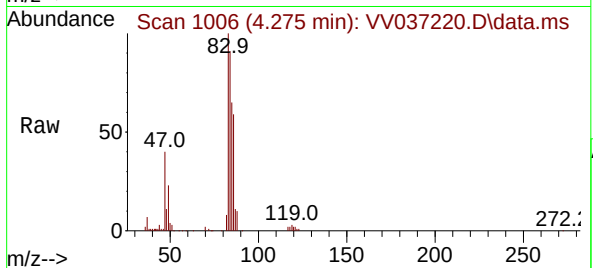
ClientSampleId :

Tgt Ion: 83 Resp: 100503

Ion Ratio Lower Upper

83 100

85 64.6 45.1 83.7



#35

Methylcyclohexane

Concen: 8.706 ug/L

RT: 5.986 min Scan# 1538

Delta R.T. -0.055 min

Lab File: VV037220.D

Acq: 06 Sep 2024 13:07

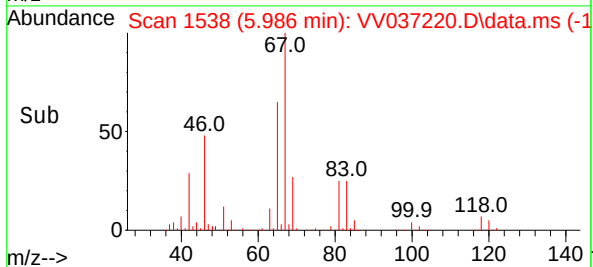
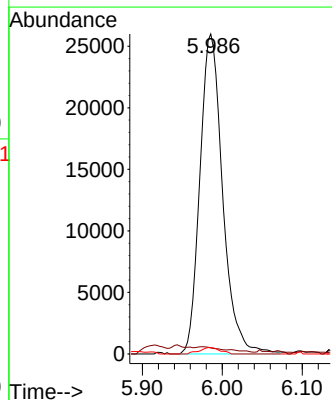
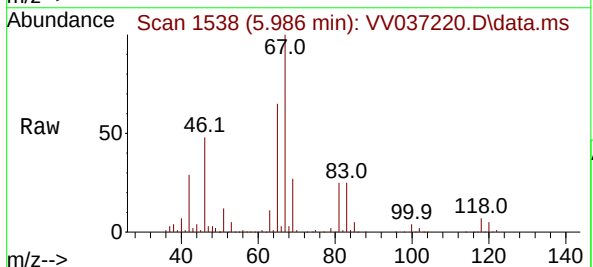
Tgt Ion: 83 Resp: 51496

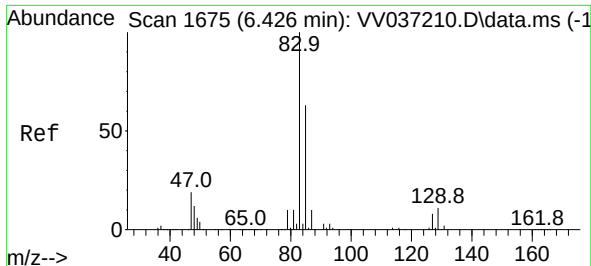
Ion Ratio Lower Upper

83 100

55 0.1 61.2 91.8#

98 1.6 39.3 58.9#





#38

Bromodichloromethane

Concen: 6.256 ug/L

RT: 6.436 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV037220.D

Acq: 06 Sep 2024 13:07

Instrument :

MSVOA\_V

ClientSampleId :

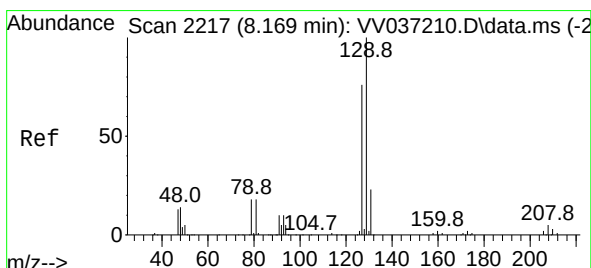
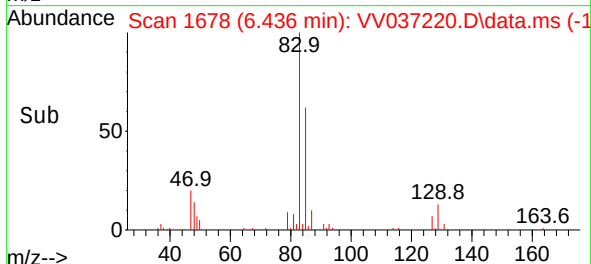
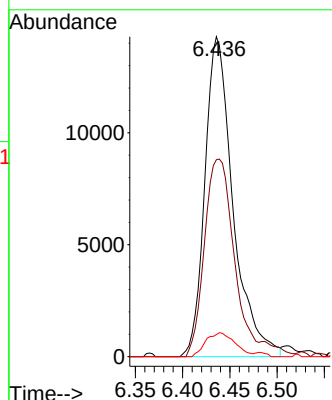
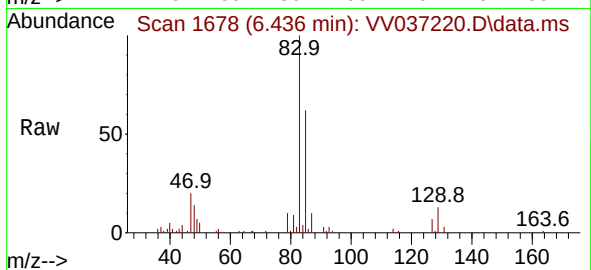
Tgt Ion: 83 Resp: 29650

Ion Ratio Lower Upper

83 100

85 61.5 44.5 82.7

127 6.9 6.1 9.1



#49

Dibromochloromethane

Concen: 2.431 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.007 min

Lab File: VV037220.D

Acq: 06 Sep 2024 13:07

Tgt Ion: 129 Resp: 8379

Ion Ratio Lower Upper

129 100

127 77.1 54.7 101.7

