

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV081522\  
 Data File : VV027384.D  
 Acq On : 15 Aug 2022 12:53  
 Operator : SY/MD  
 Sample : N4145-07  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Aug 16 02:36:15 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR081122WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Aug 16 00:24:20 2022  
 Response via : Initial Calibration

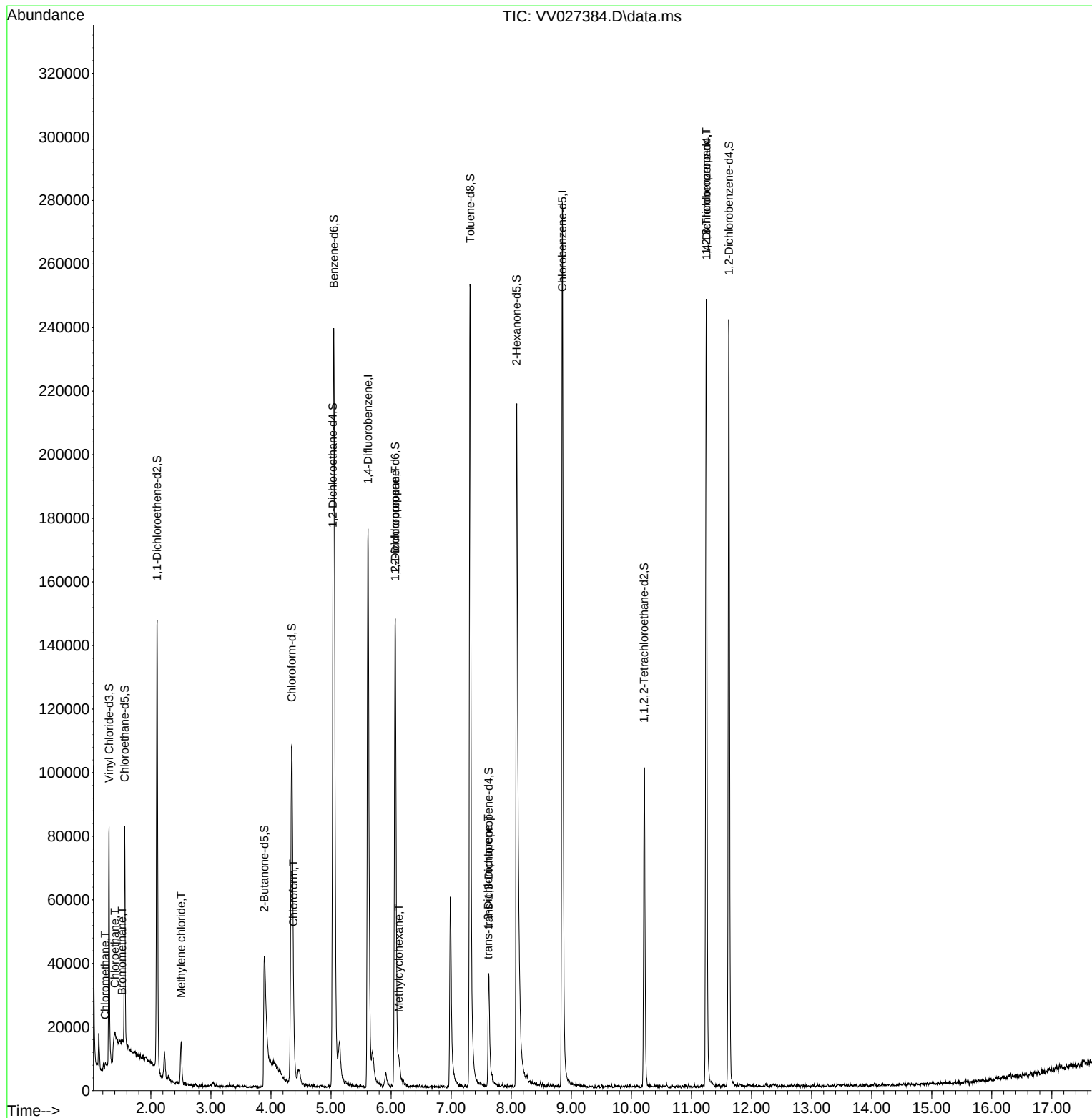
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.616  | 114            | 144578   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117            | 156609   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 64546    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65             | 52418    | 4.173  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 83.400%  |          |
| 7) Chloroethane-d5            | 1.564  | 69             | 42586    | 4.668  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 93.400%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.101  | 63             | 74424    | 3.267  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 65.400%  |          |
| 20) 2-Butanone-d5             | 3.889  | 46             | 81778    | 38.443 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 76.880%  |          |
| 24) Chloroform-d              | 4.346  | 84             | 109290   | 4.744  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 94.800%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.030  | 65             | 56940    | 5.188  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 103.800% |          |
| 32) Benzene-d6                | 5.047  | 84             | 211493   | 4.578  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 91.600%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67             | 68953    | 4.827  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 96.600%  |          |
| 41) Toluene-d8                | 7.317  | 98             | 176066   | 4.163  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 83.200%  |          |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 22229    | 4.493  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 89.800%  |          |
| 46) 2-Hexanone-d5             | 8.088  | 63             | 87601    | 45.749 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 91.500%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84             | 50246    | 4.862  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 97.200%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152            | 60816    | 5.459  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 109.200% |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 3) Chloromethane              | 1.236  | 50             | 758      | 0.044  | ug/L     | 96       |
| 6) Bromomethane               | 1.519  | 94             | 770      | 0.103  | ug/L     | 99       |
| 8) Chloroethane               | 1.404  | 64             | 19261    | 2.161  | ug/L #   | 52       |
| 16) Methylene chloride        | 2.503  | 84             | 5001     | 0.299  | ug/L     | 97       |
| 25) Chloroform                | 4.375  | 83             | 9075     | 0.360  | ug/L     | 98       |
| 35) Methylcyclohexane         | 6.127  | 83             | 1316     | 0.072  | ug/L #   | 17       |
| 37) 1,2-Dichloropropane       | 6.066  | 63             | 8471     | 0.640  | ug/L #   | 85       |
| 44) trans-1,3-Dichloropropene | 7.616  | 75             | 1091     | 0.077  | ug/L     | 86       |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75             | 7940     | 1.277  | ug/L #   | 68       |

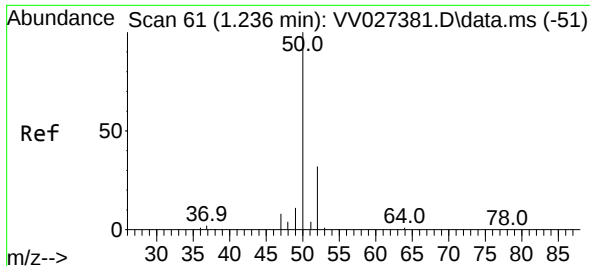
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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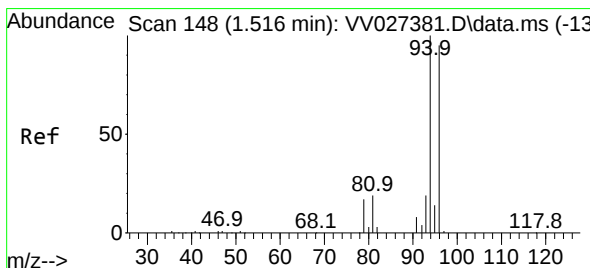
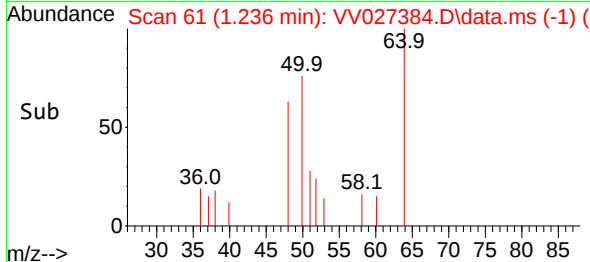
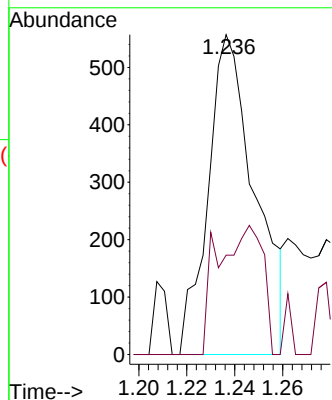
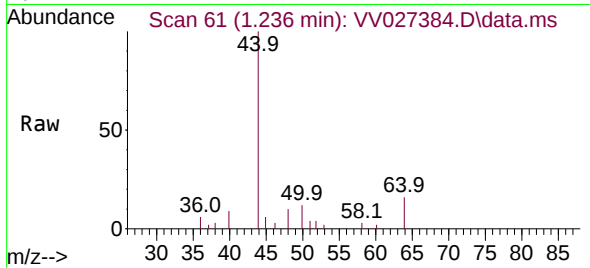




#3  
Chloromethane  
Concen: 0.044 ug/L  
RT: 1.236 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VV027384.D  
Acq: 15 Aug 2022 12:53

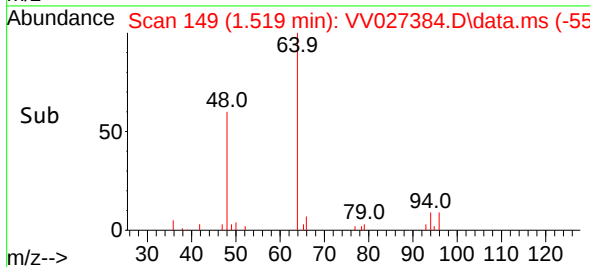
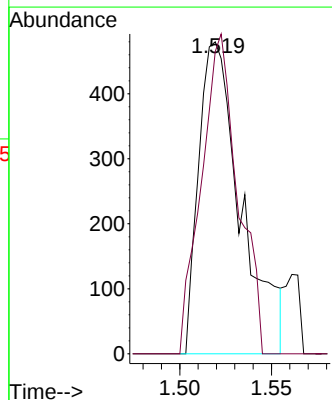
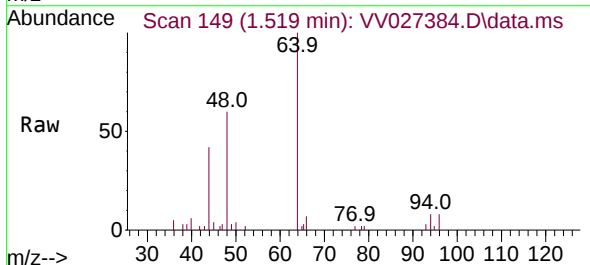
Instrument :  
MSVOA\_V  
ClientSampleId :

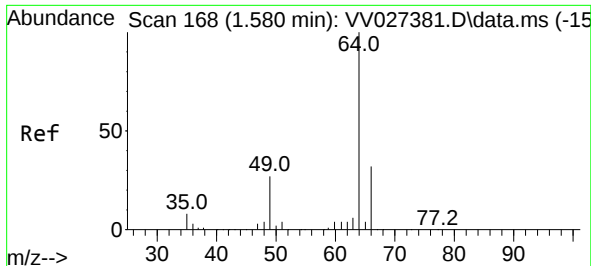
Tgt Ion: 50 Resp: 758  
Ion Ratio Lower Upper  
50 100  
52 31.1 23.4 43.4



#6  
Bromomethane  
Concen: 0.103 ug/L  
RT: 1.519 min Scan# 149  
Delta R.T. 0.003 min  
Lab File: VV027384.D  
Acq: 15 Aug 2022 12:53

Tgt Ion: 94 Resp: 770  
Ion Ratio Lower Upper  
94 100  
96 96.9 67.2 124.8





#8

Chloroethane

Concen: 2.161 ug/L

RT: 1.404 min Scan# 11

Delta R.T. -0.177 min

Lab File: VV027384.D

Acq: 15 Aug 2022 12:53

Instrument :

MSVOA\_V

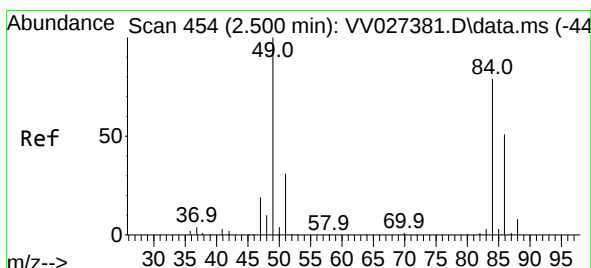
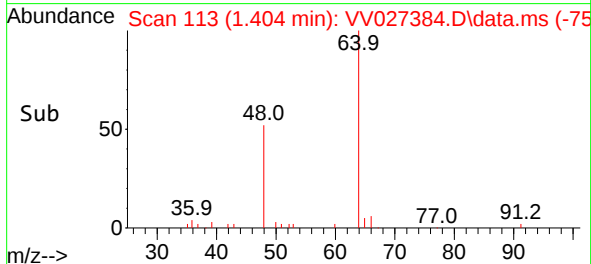
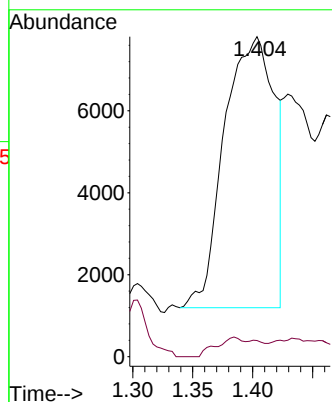
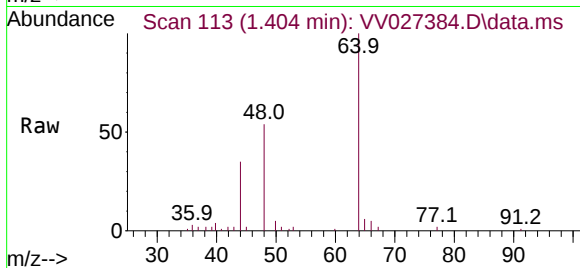
ClientSampleId :

Tgt Ion: 64 Resp: 19261

Ion Ratio Lower Upper

64 100

66 5.1 22.3 41.5#



#16

Methylene chloride

Concen: 0.299 ug/L

RT: 2.503 min Scan# 455

Delta R.T. 0.003 min

Lab File: VV027384.D

Acq: 15 Aug 2022 12:53

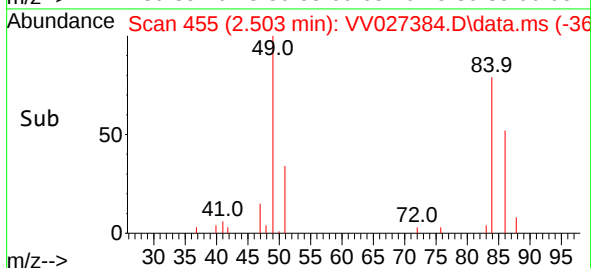
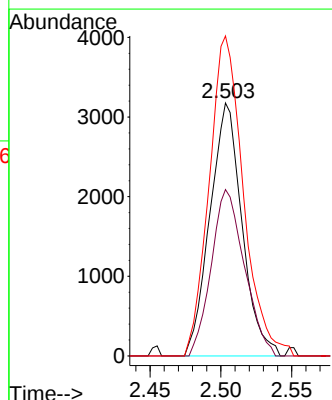
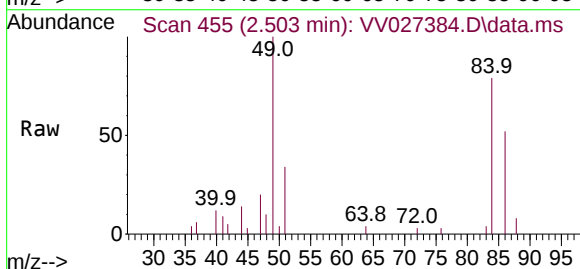
Tgt Ion: 84 Resp: 5001

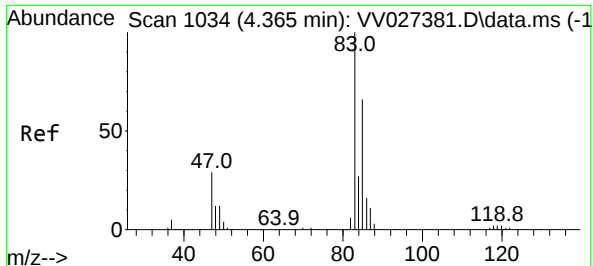
Ion Ratio Lower Upper

84 100

86 65.8 45.1 83.9

49 126.5 91.2 169.4





#25

Chloroform

Concen: 0.360 ug/L

RT: 4.375 min Scan# 1034

Delta R.T. 0.010 min

Lab File: VV027384.D

Acq: 15 Aug 2022 12:53

Instrument :

MSVOA\_V

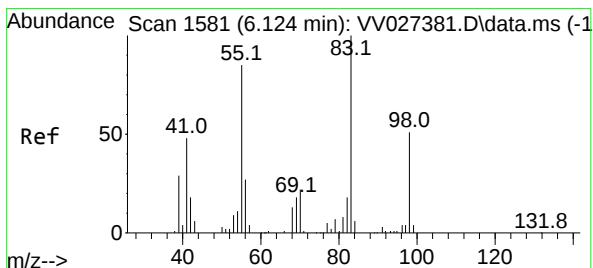
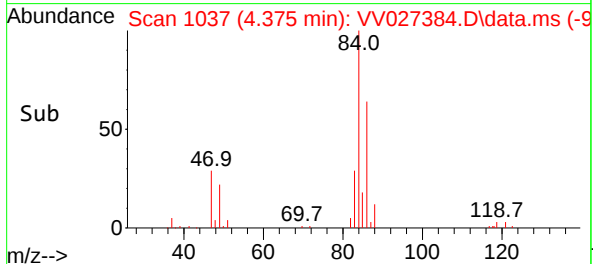
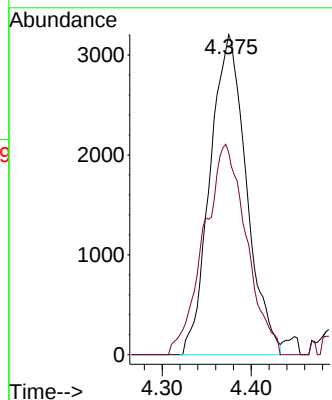
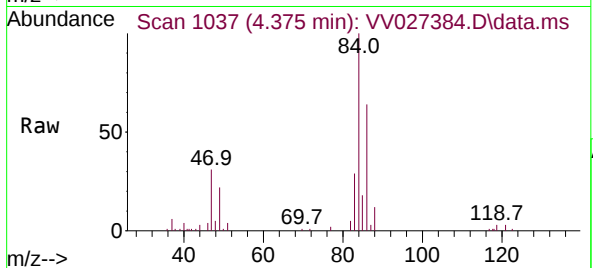
ClientSampleId :

Tgt Ion: 83 Resp: 9075

Ion Ratio Lower Upper

83 100

85 63.2 45.2 84.0



#35

Methylcyclohexane

Concen: 0.072 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.003 min

Lab File: VV027384.D

Acq: 15 Aug 2022 12:53

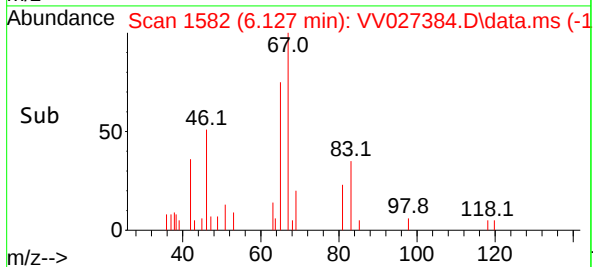
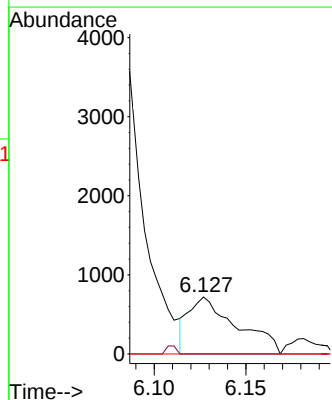
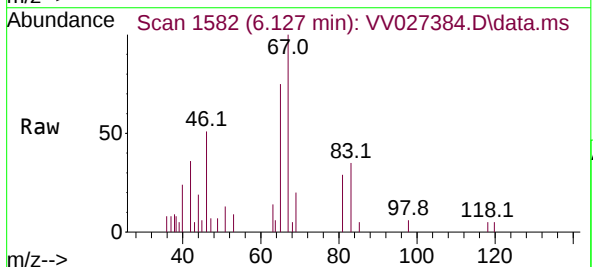
Tgt Ion: 83 Resp: 1316

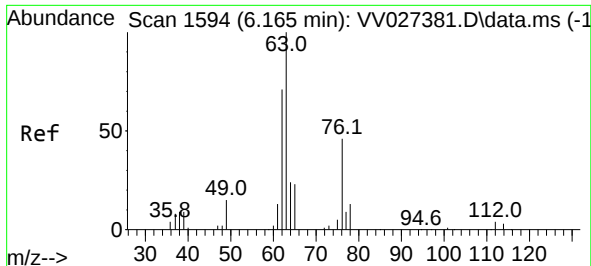
Ion Ratio Lower Upper

83 100

55 3.0 67.0 100.6#

98 0.0 38.7 58.1#





#37

1,2-Dichloropropane

Concen: 0.640 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV027384.D

Acq: 15 Aug 2022 12:53

Instrument :

MSVOA\_V

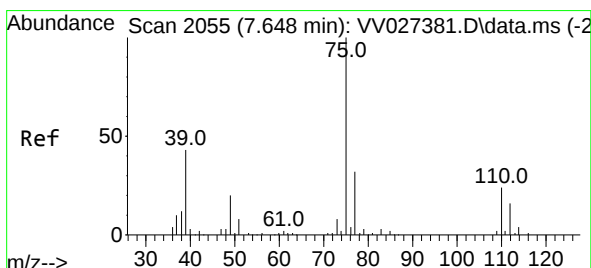
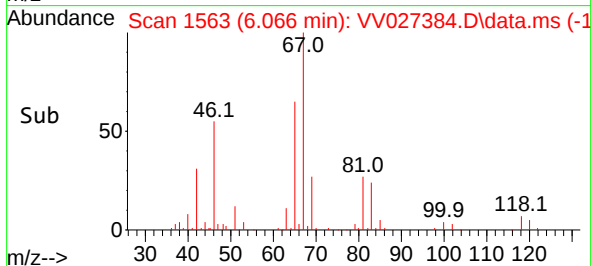
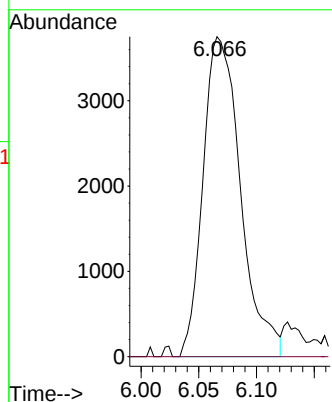
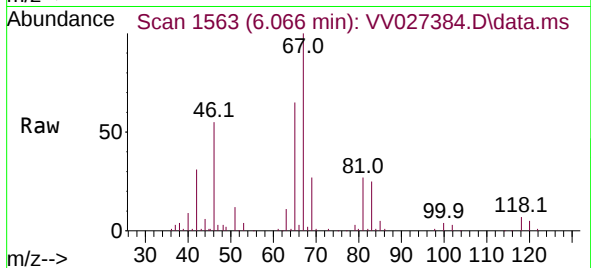
ClientSampleId :

Tgt Ion: 63 Resp: 8471

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#44

trans-1,3-Dichloropropene

Concen: 0.077 ug/L

RT: 7.616 min Scan# 2045

Delta R.T. -0.032 min

Lab File: VV027384.D

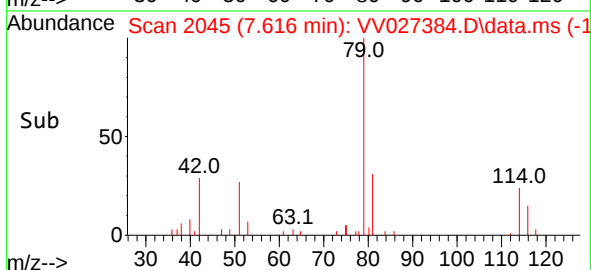
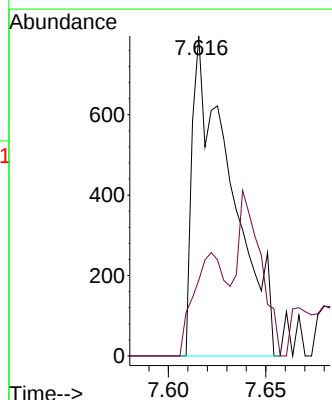
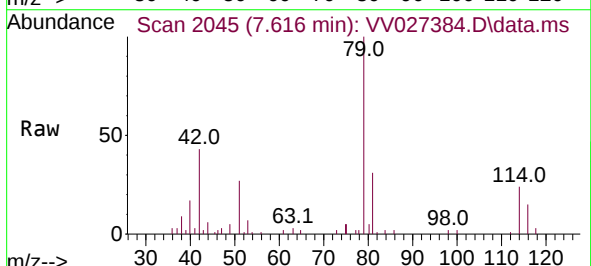
Acq: 15 Aug 2022 12:53

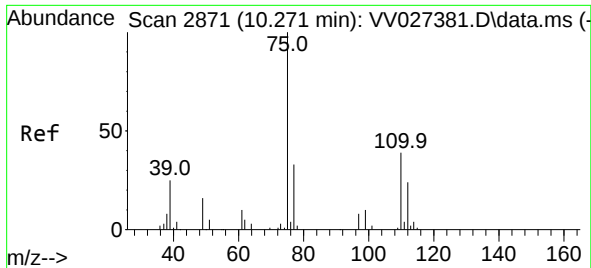
Tgt Ion: 75 Resp: 1091

Ion Ratio Lower Upper

75 100

77 23.6 21.9 40.7





#61

1,2,3-Trichloropropane

Concen: 1.277 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.974 min

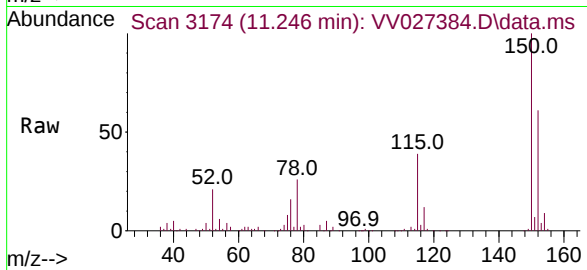
Lab File: VV027384.D

Acq: 15 Aug 2022 12:53

Instrument :

MSVOA\_V

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 7940  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 33.7  | 26.6  | 39.8  |
| 110      | 3.1   | 31.0  | 46.6# |

