

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV090622\  
 Data File : VV027758.D  
 Acq On : 06 Sep 2022 22:07  
 Operator : SY/MD  
 Sample : N4418-13  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DBVQ1

Quant Time: Sep 07 06:30:56 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR090622WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Sep 07 06:13:02 2022  
 Response via : Initial Calibration

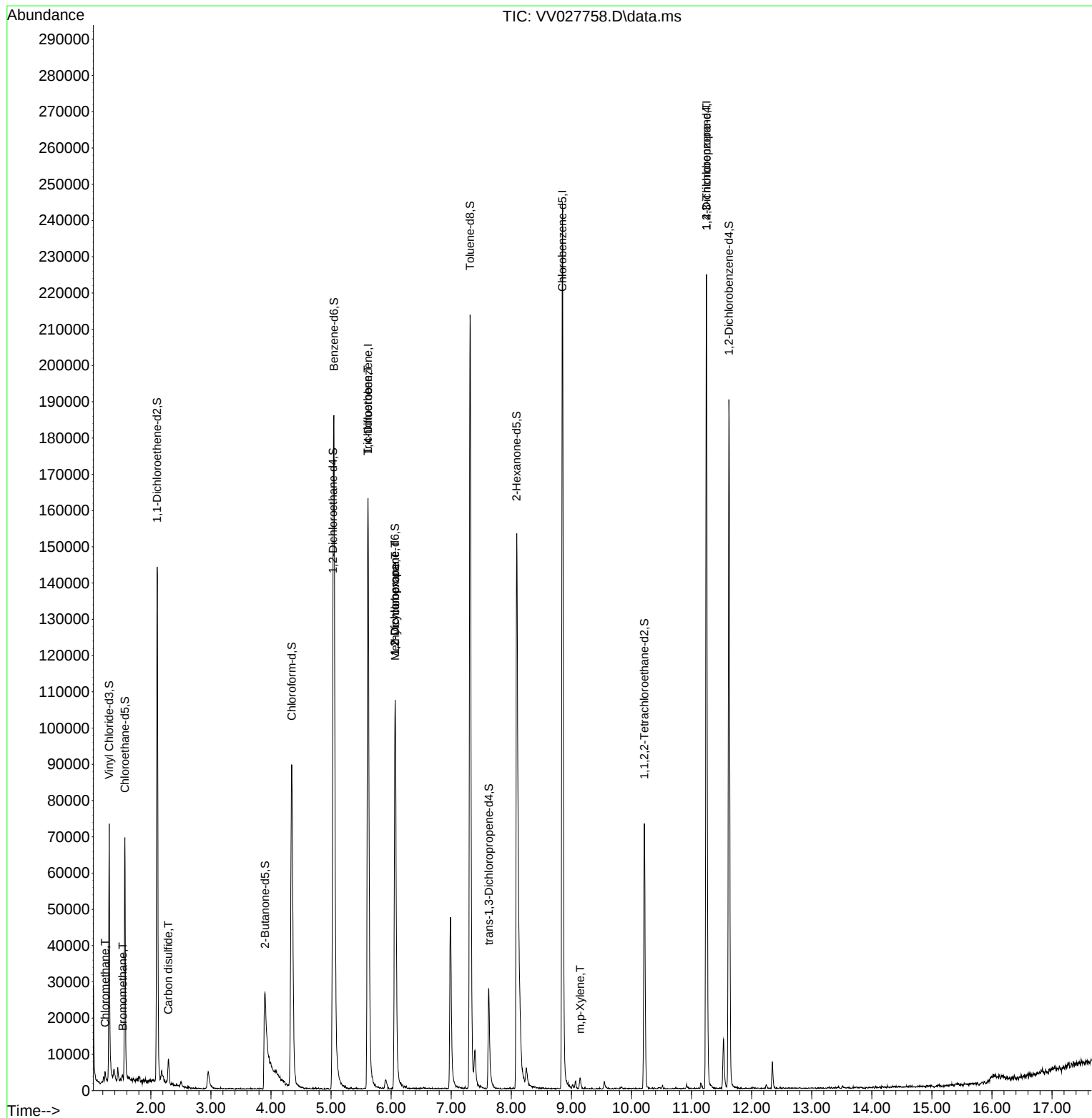
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.616  | 114            | 145518   | 5.000  | ug/L     | 0.02     |
| 28) Chlorobenzene-d5          | 8.850  | 117            | 137840   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 62056    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65             | 47898    | 4.993  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 99.800%  |          |
| 7) Chloroethane-d5            | 1.568  | 69             | 43665    | 5.366  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 107.400% |          |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63             | 74882    | 3.679  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 73.600%  |          |
| 20) 2-Butanone-d5             | 3.899  | 46             | 54886    | 25.819 | ug/L     | -0.04    |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 51.640%  |          |
| 24) Chloroform-d              | 4.346  | 84             | 94964    | 4.835  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 96.800%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.030  | 65             | 47344    | 4.527  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 90.600%  |          |
| 32) Benzene-d6                | 5.047  | 84             | 173755   | 4.345  | ug/L     | 0.02     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 87.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67             | 50951    | 4.352  | ug/L     | 0.02     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 87.000%  |          |
| 41) Toluene-d8                | 7.313  | 98             | 149244   | 4.438  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 88.800%  |          |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 17852    | 4.545  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 91.000%  |          |
| 46) 2-Hexanone-d5             | 8.088  | 63             | 65099    | 44.588 | ug/L     | -0.03    |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 89.180%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84             | 34178    | 4.546  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 91.000%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152            | 50309    | 4.935  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 98.800%  |          |
| Target Compounds              |        |                |          |        |          |          |
| 3) Chloromethane              | 1.240  | 50             | 1805     | 0.139  | ug/L     | 86       |
| 6) Bromomethane               | 1.532  | 94             | 653      | 0.093  | ug/L #   | 68       |
| 14) Carbon disulfide          | 2.291  | 76             | 7940     | 0.277  | ug/L     | 96       |
| 34) Trichloroethene           | 5.612  | 95             | 4206     | 0.369  | ug/L #   | 5        |
| 35) Methylcyclohexane         | 6.069  | 83             | 13579    | 0.776  | ug/L #   | 18       |
| 37) 1,2-Dichloropropane       | 6.066  | 63             | 6712     | 0.621  | ug/L #   | 85       |
| 53) m,p-Xylene                | 9.146  | 106            | 1130     | 0.063  | ug/L     | 98       |
| 61) 1,2,3-Trichloropropane    | 11.249 | 75             | 6045     | 1.230  | ug/L #   | 60       |

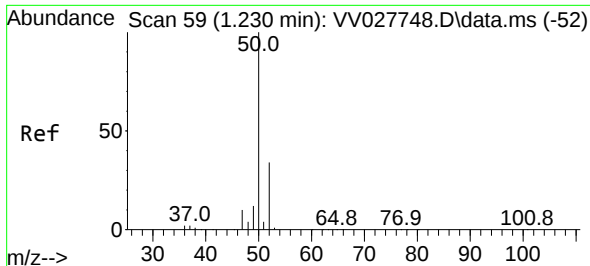
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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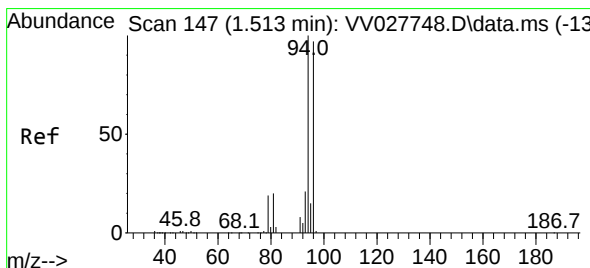
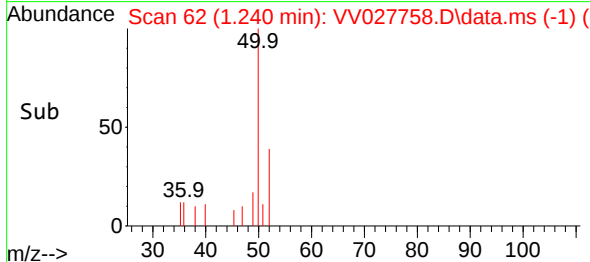
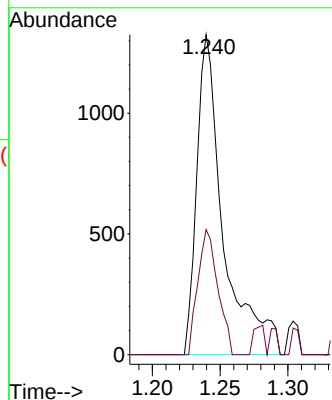
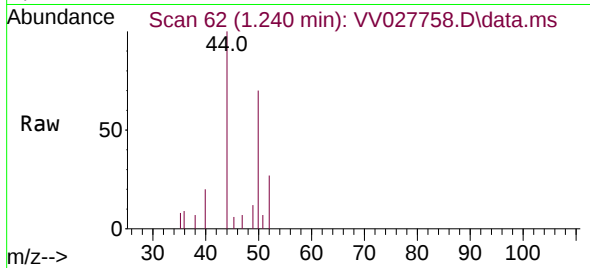




#3  
Chloromethane  
Concen: 0.139 ug/L  
RT: 1.240 min Scan# 61  
Delta R.T. 0.010 min  
Lab File: VV027758.D  
Acq: 06 Sep 2022 22:07

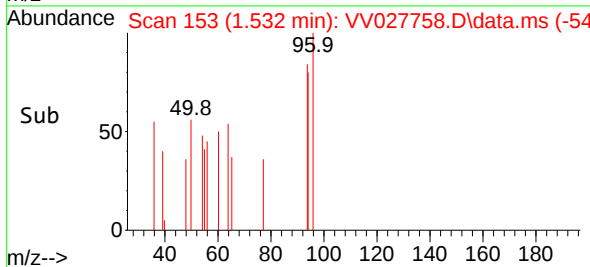
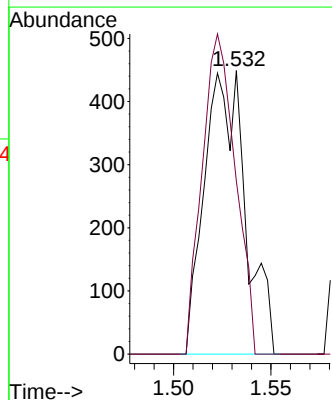
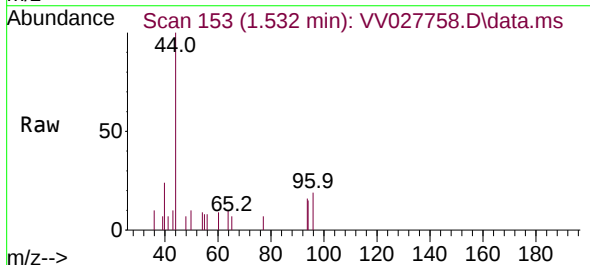
Instrument :  
MSVOA\_V  
ClientSampleId :  
DBVQ1

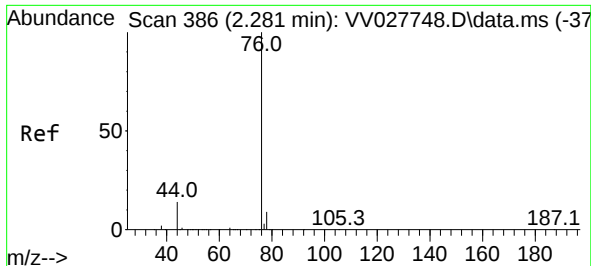
Tgt Ion: 50 Resp: 1805  
Ion Ratio Lower Upper  
50 100  
52 39.1 22.1 41.1



#6  
Bromomethane  
Concen: 0.093 ug/L  
RT: 1.532 min Scan# 153  
Delta R.T. 0.019 min  
Lab File: VV027758.D  
Acq: 06 Sep 2022 22:07

Tgt Ion: 94 Resp: 653  
Ion Ratio Lower Upper  
94 100  
96 61.0 64.2 119.2#

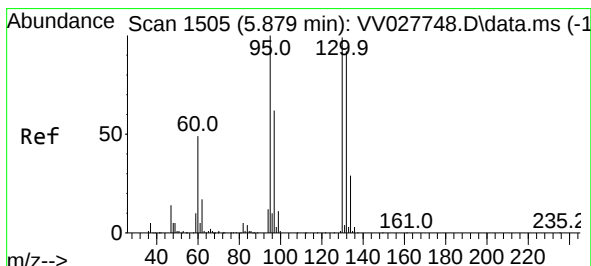
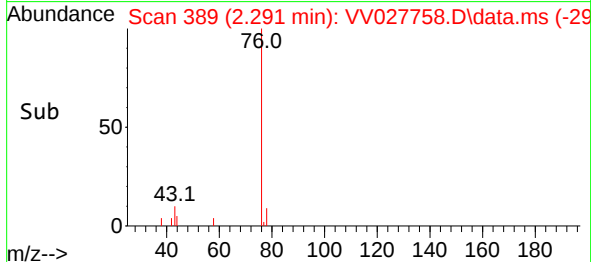
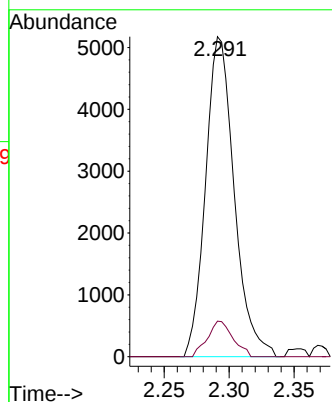
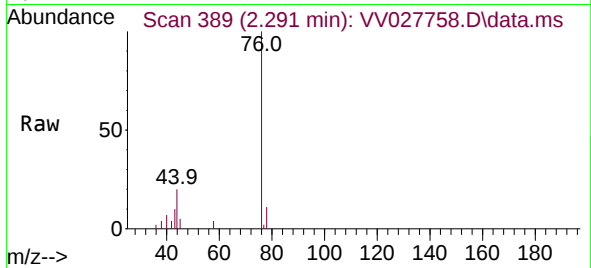




#14  
Carbon disulfide  
Concen: 0.277 ug/L  
RT: 2.291 min Scan# 31  
Delta R.T. 0.010 min  
Lab File: VV027758.D  
Acq: 06 Sep 2022 22:07

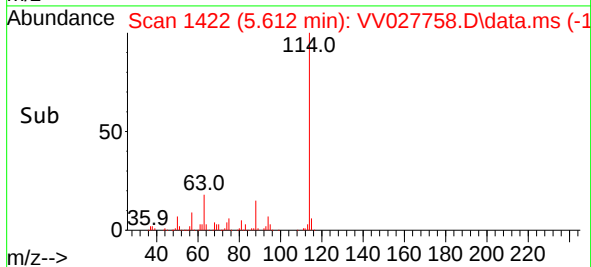
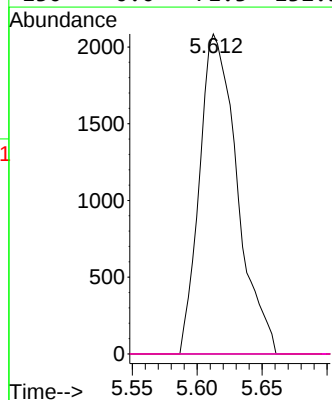
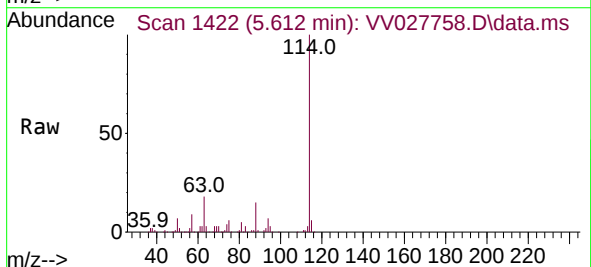
Instrument :  
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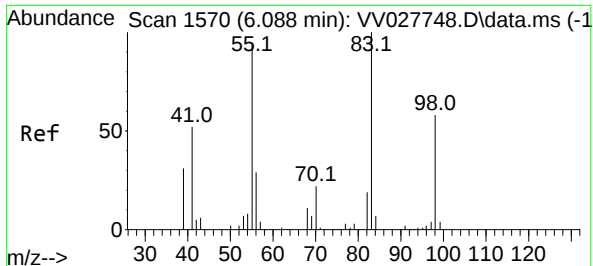
Tgt Ion: 76 Resp: 7940  
Ion Ratio Lower Upper  
76 100  
78 11.1 7.7 11.5



#34  
Trichloroethene  
Concen: 0.369 ug/L  
RT: 5.612 min Scan# 1422  
Delta R.T. -0.267 min  
Lab File: VV027758.D  
Acq: 06 Sep 2022 22:07

Tgt Ion: 95 Resp: 4206  
Ion Ratio Lower Upper  
95 100  
97 0.0 42.9 79.7#  
132 0.0 67.9 126.1#  
130 0.0 71.3 132.3#





#35

Methylcyclohexane

Concen: 0.776 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.019 min

Lab File: VV027758.D

Acq: 06 Sep 2022 22:07

Instrument :

MSVOA\_V

ClientSampleId :

DBVQ1

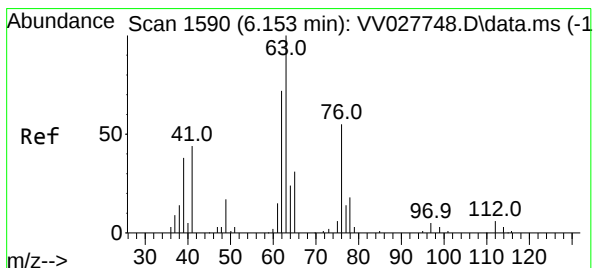
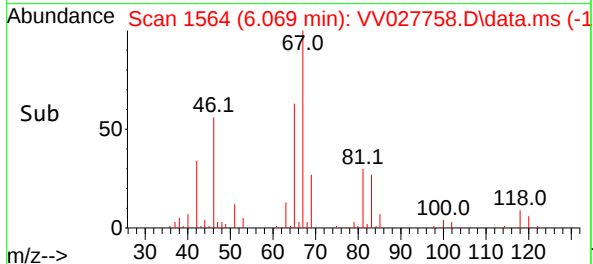
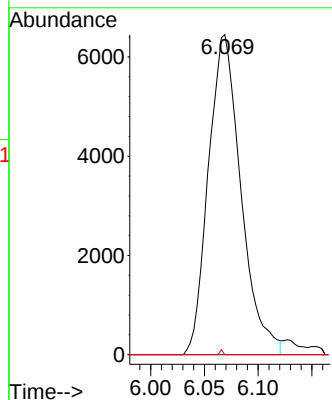
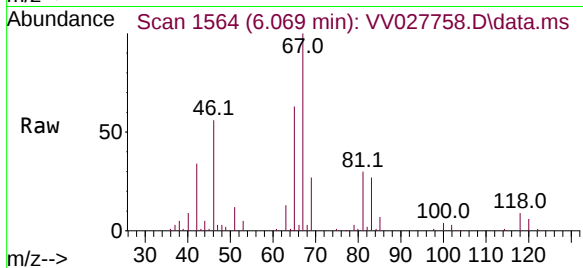
Tgt Ion: 83 Resp: 13579

Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

98 0.1 37.5 56.3#



#37

1,2-Dichloropropane

Concen: 0.621 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.087 min

Lab File: VV027758.D

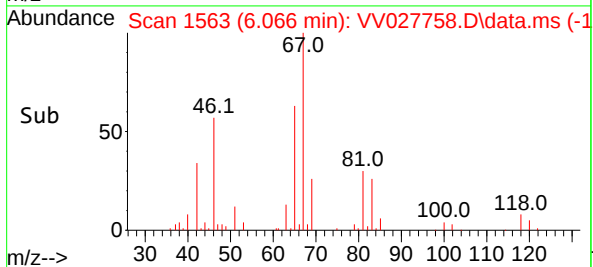
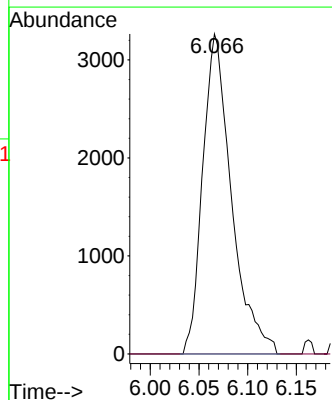
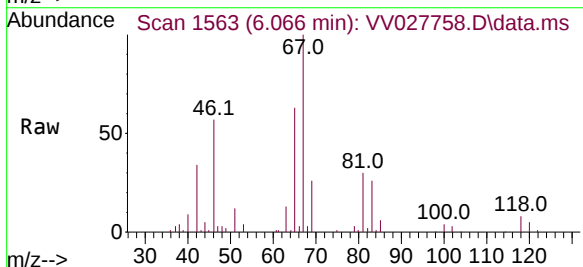
Acq: 06 Sep 2022 22:07

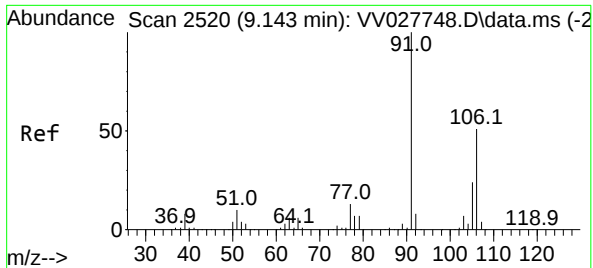
Tgt Ion: 63 Resp: 6712

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#

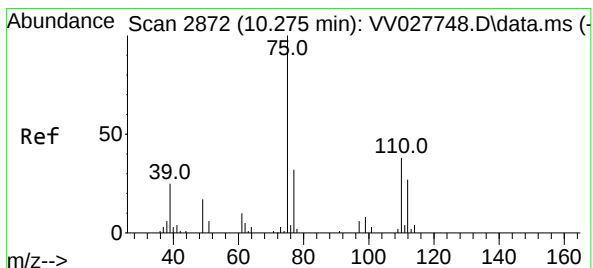
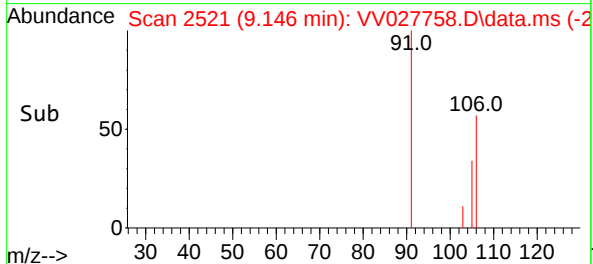
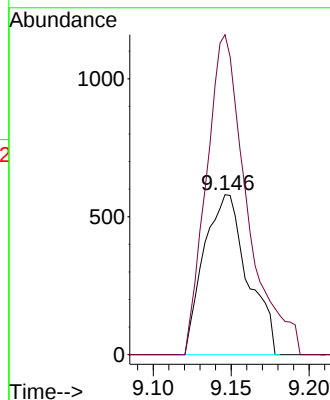
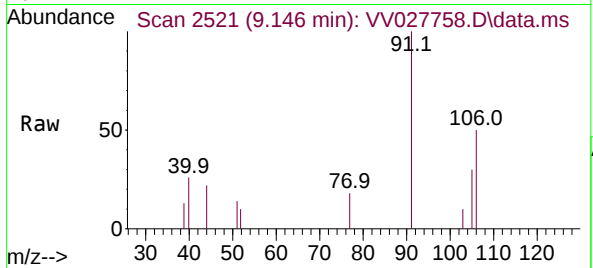




#53  
m,p-Xylene  
Concen: 0.063 ug/L  
RT: 9.146 min Scan# 211  
Delta R.T. 0.003 min  
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Tgt Ion:106 Resp: 1130  
Ion Ratio Lower Upper  
106 100  
91 200.0 142.4 264.4



#61  
1,2,3-Trichloropropane  
Concen: 1.230 ug/L  
RT: 11.249 min Scan# 3175  
Delta R.T. 0.974 min  
Lab File: VV027758.D  
Acq: 06 Sep 2022 22:07

Tgt Ion: 75 Resp: 6045  
Ion Ratio Lower Upper  
75 100  
77 38.0 27.6 41.4  
110 1.7 35.6 53.4#

