

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082222\  
 Data File : VV027466.D  
 Acq On : 22 Aug 2022 14:32  
 Operator : SY/MD  
 Sample : N4253-10  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Aug 23 03:12:40 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR081922WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Aug 23 03:03:07 2022  
 Response via : Initial Calibration

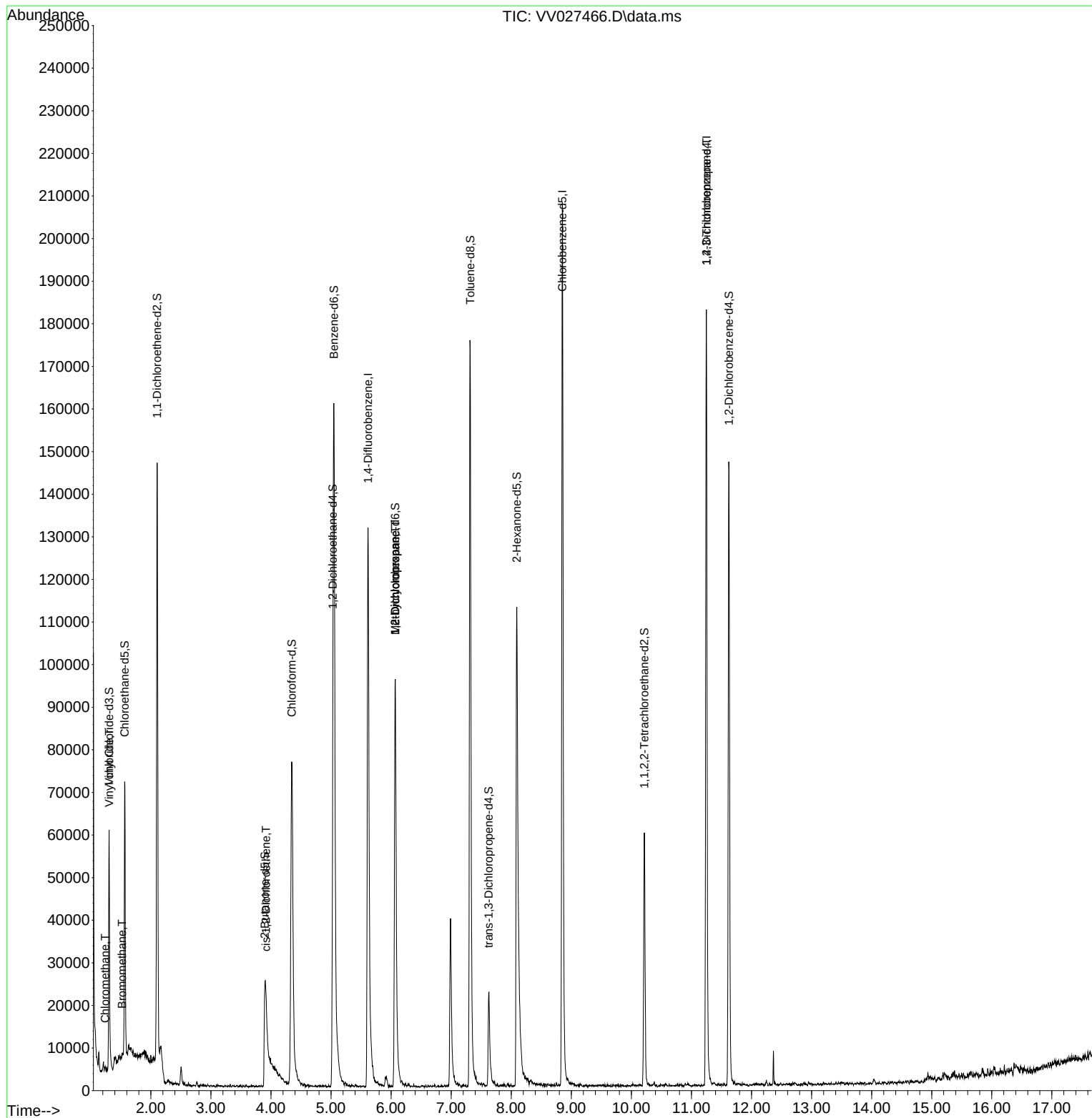
| Compound                      | R.T.   | QIon           | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|-----------|----------|
| Internal Standards            |        |                |          |        |           |          |
| 1) 1,4-Difluorobenzene        | 5.616  | 114            | 118727   | 5.000  | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117            | 116022   | 5.000  | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 48939    | 5.000  | ug/L      | 0.00     |
| System Monitoring Compounds   |        |                |          |        |           |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65             | 38072    | 4.506  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 90.200%   |          |
| 7) Chloroethane-d5            | 1.565  | 69             | 40337    | 6.523  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 130.400%# |          |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63             | 73242    | 3.717  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 74.400%   |          |
| 20) 2-Butanone-d5             | 3.899  | 46             | 39649    | 37.704 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 75.400%   |          |
| 24) Chloroform-d              | 4.346  | 84             | 84623    | 5.009  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 100.200%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.031  | 65             | 38184    | 5.224  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 104.400%  |          |
| 32) Benzene-d6                | 5.047  | 84             | 153264   | 4.769  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 95.400%   |          |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67             | 47036    | 5.034  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 100.600%  |          |
| 41) Toluene-d8                | 7.317  | 98             | 120019   | 4.136  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 82.800%   |          |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 14559    | 4.551  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 91.000%   |          |
| 46) 2-Hexanone-d5             | 8.092  | 63             | 45437    | 43.148 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 86.300%   |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84             | 28773    | 4.836  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 96.800%   |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152            | 37416    | 5.157  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 103.200%  |          |
| Target Compounds              |        |                |          |        |           |          |
|                               |        |                |          |        | Qvalue    |          |
| 3) Chloromethane              | 1.237  | 50             | 1004     | 0.091  | ug/L #    | 63       |
| 5) Vinyl chloride             | 1.307  | 62             | 772      | 0.070  | ug/L #    | 1        |
| 6) Bromomethane               | 1.520  | 94             | 805      | 0.147  | ug/L      | 99       |
| 22) cis-1,2-Dichloroethene    | 3.918  | 96             | 2560     | 0.260  | ug/L      | 92       |
| 35) Methylcyclohexane         | 6.069  | 83             | 11141    | 0.780  | ug/L #    | 15       |
| 37) 1,2-Dichloropropane       | 6.069  | 63             | 5603     | 0.545  | ug/L #    | 85       |
| 61) 1,2,3-Trichloropropane    | 11.249 | 75             | 5827     | 1.357  | ug/L #    | 66       |

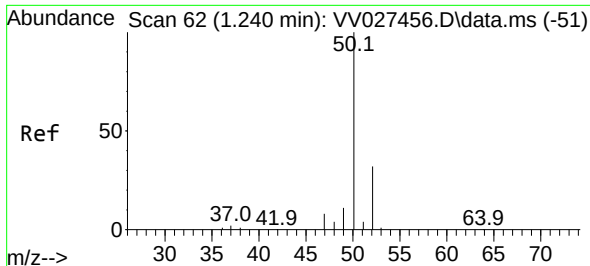
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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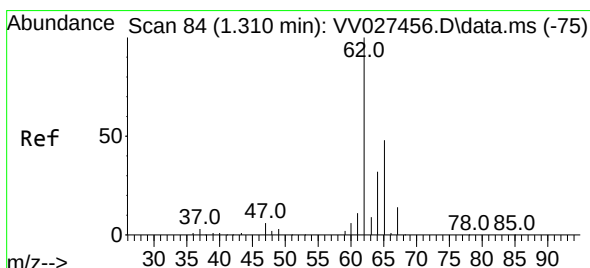
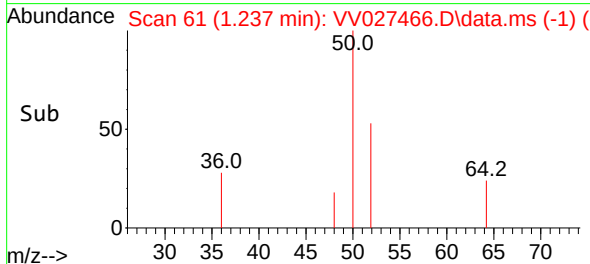
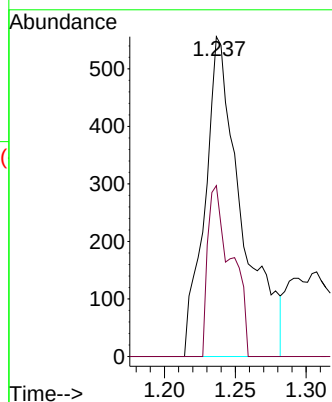
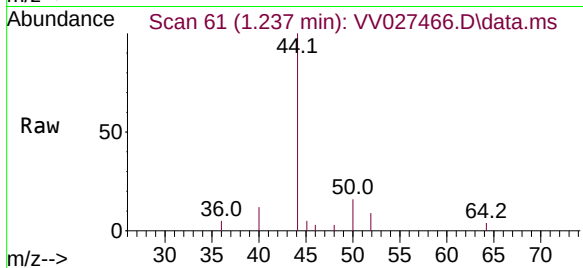




#3  
Chloromethane  
Concen: 0.091 ug/L  
RT: 1.237 min Scan# 61  
Delta R.T. -0.003 min  
Lab File: VV027466.D  
Acq: 22 Aug 2022 14:32

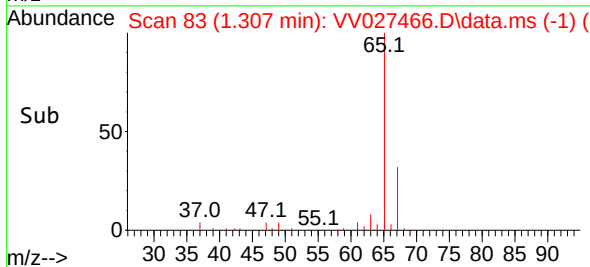
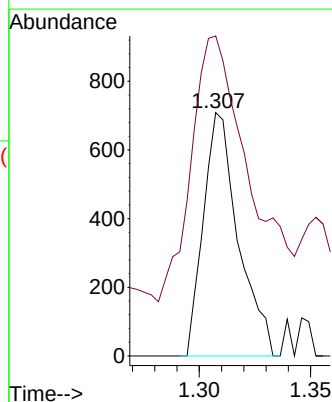
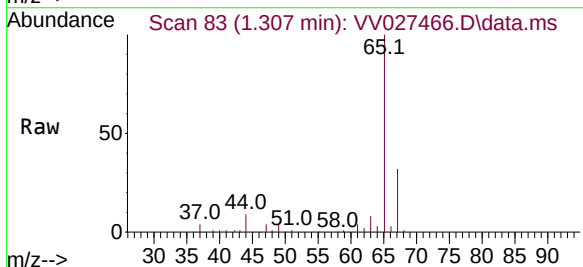
Instrument :  
MSVOA\_V  
ClientSampleId :

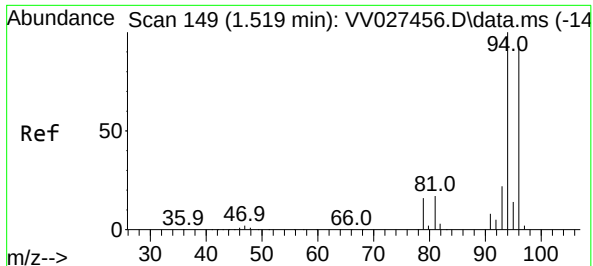
Tgt Ion: 50 Resp: 1004  
Ion Ratio Lower Upper  
50 100  
52 53.4 22.8 42.4#



#5  
Vinyl chloride  
Concen: 0.070 ug/L  
RT: 1.307 min Scan# 83  
Delta R.T. -0.003 min  
Lab File: VV027466.D  
Acq: 22 Aug 2022 14:32

Tgt Ion: 62 Resp: 772  
Ion Ratio Lower Upper  
62 100  
64 131.5 22.6 42.0#

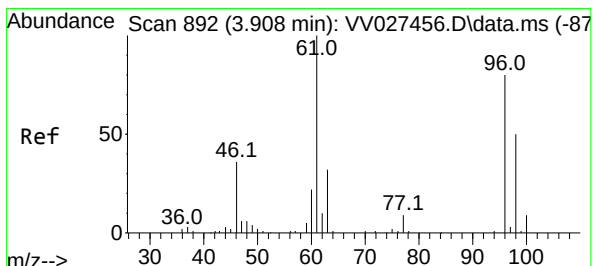
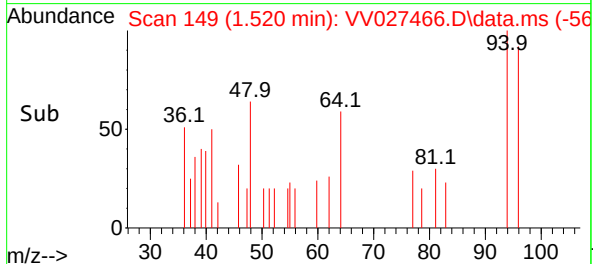
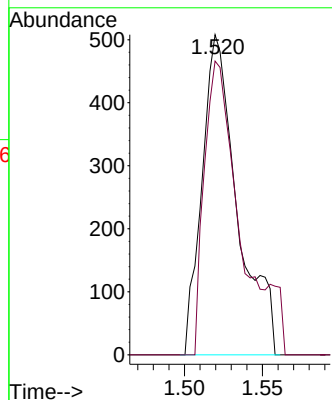
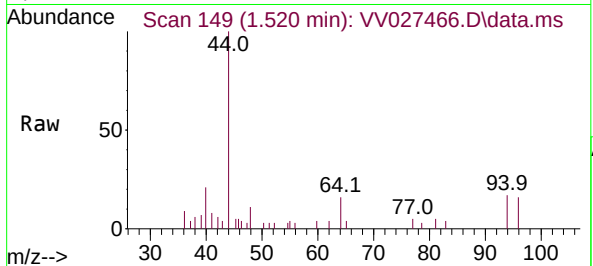




#6  
Bromomethane  
Concen: 0.147 ug/L  
RT: 1.520 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VV027466.D  
Acq: 22 Aug 2022 14:32

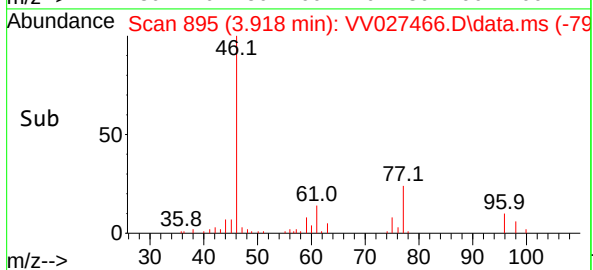
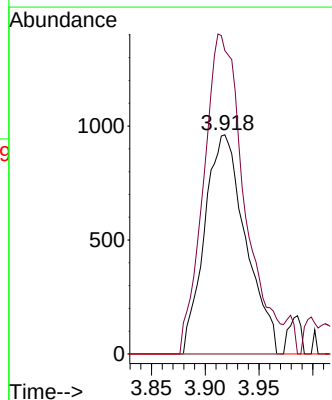
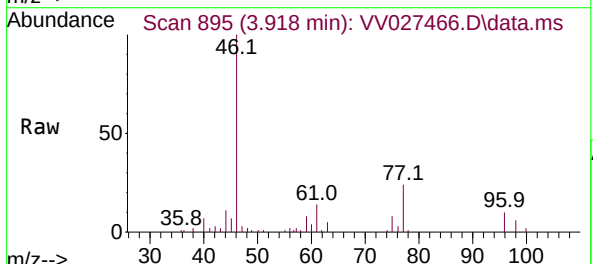
Instrument :  
MSVOA\_V  
ClientSampleId :

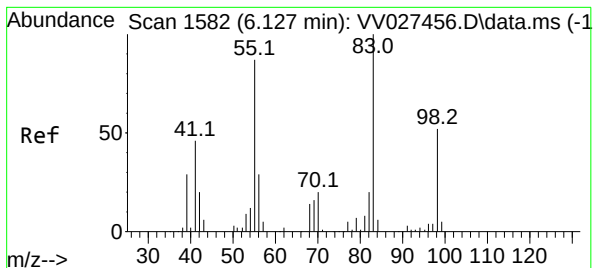
Tgt Ion: 94 Resp: 805  
Ion Ratio Lower Upper  
94 100  
96 91.7 65.2 121.0



#22  
cis-1,2-Dichloroethene  
Concen: 0.260 ug/L  
RT: 3.918 min Scan# 895  
Delta R.T. 0.010 min  
Lab File: VV027466.D  
Acq: 22 Aug 2022 14:32

Tgt Ion: 96 Resp: 2560  
Ion Ratio Lower Upper  
96 100  
61 138.4 90.6 168.2  
68 0.0 0.0 0.0





#35

Methylcyclohexane

Concen: 0.780 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV027466.D

Acq: 22 Aug 2022 14:32

Instrument :

MSVOA\_V

ClientSampleId :

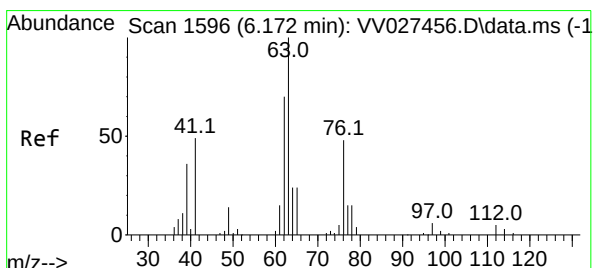
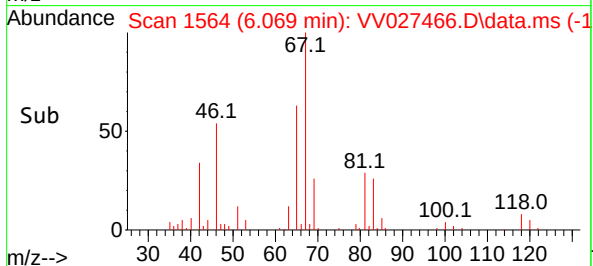
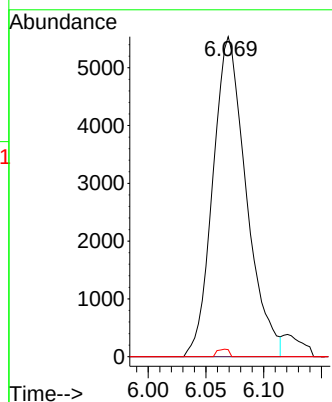
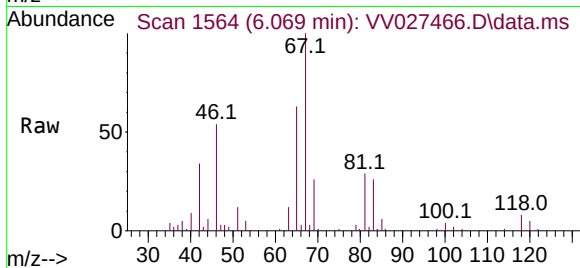
Tgt Ion: 83 Resp: 11141

Ion Ratio Lower Upper

83 100

55 0.0 68.2 102.4#

98 0.8 39.0 58.4#



#37

1,2-Dichloropropane

Concen: 0.545 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.103 min

Lab File: VV027466.D

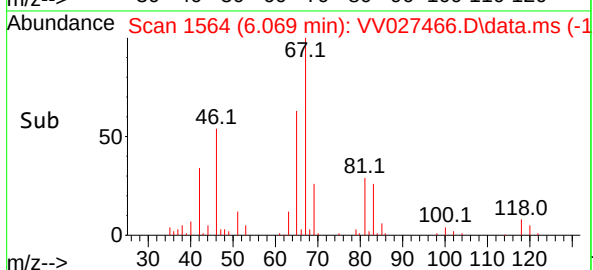
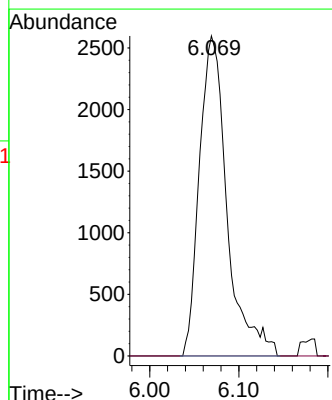
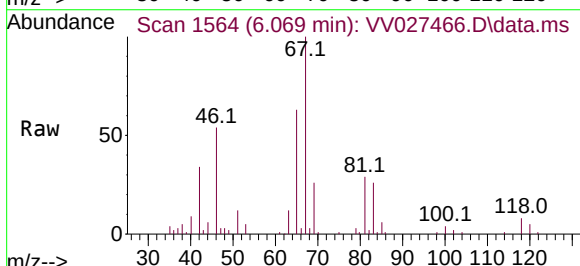
Acq: 22 Aug 2022 14:32

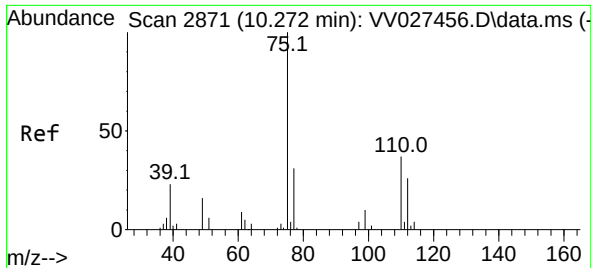
Tgt Ion: 63 Resp: 5603

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#





#61

1,2,3-Trichloropropane

Concen: 1.357 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.978 min

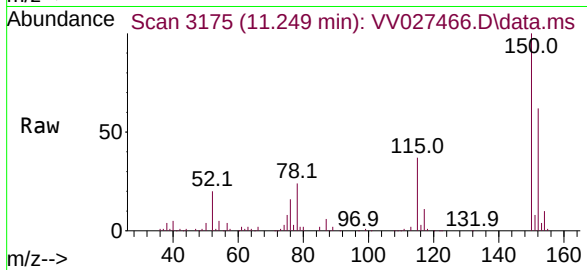
Lab File: VV027466.D

Acq: 22 Aug 2022 14:32

Instrument :

MSVOA\_V

ClientSampleId :



|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 75 | Resp: | 5827        |
| Ion         | Ratio | Lower Upper |
| 75          | 100   |             |
| 77          | 37.8  | 26.2 39.2   |
| 110         | 4.0   | 29.9 44.9#  |

