

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV021622\  
 Data File : VV024693.D  
 Acq On : 16 Feb 2022 13:37  
 Operator : SY/MD  
 Sample : VV0216WBL01  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Feb 16 23:36:47 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR020922WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Feb 16 23:36:08 2022  
 Response via : Initial Calibration

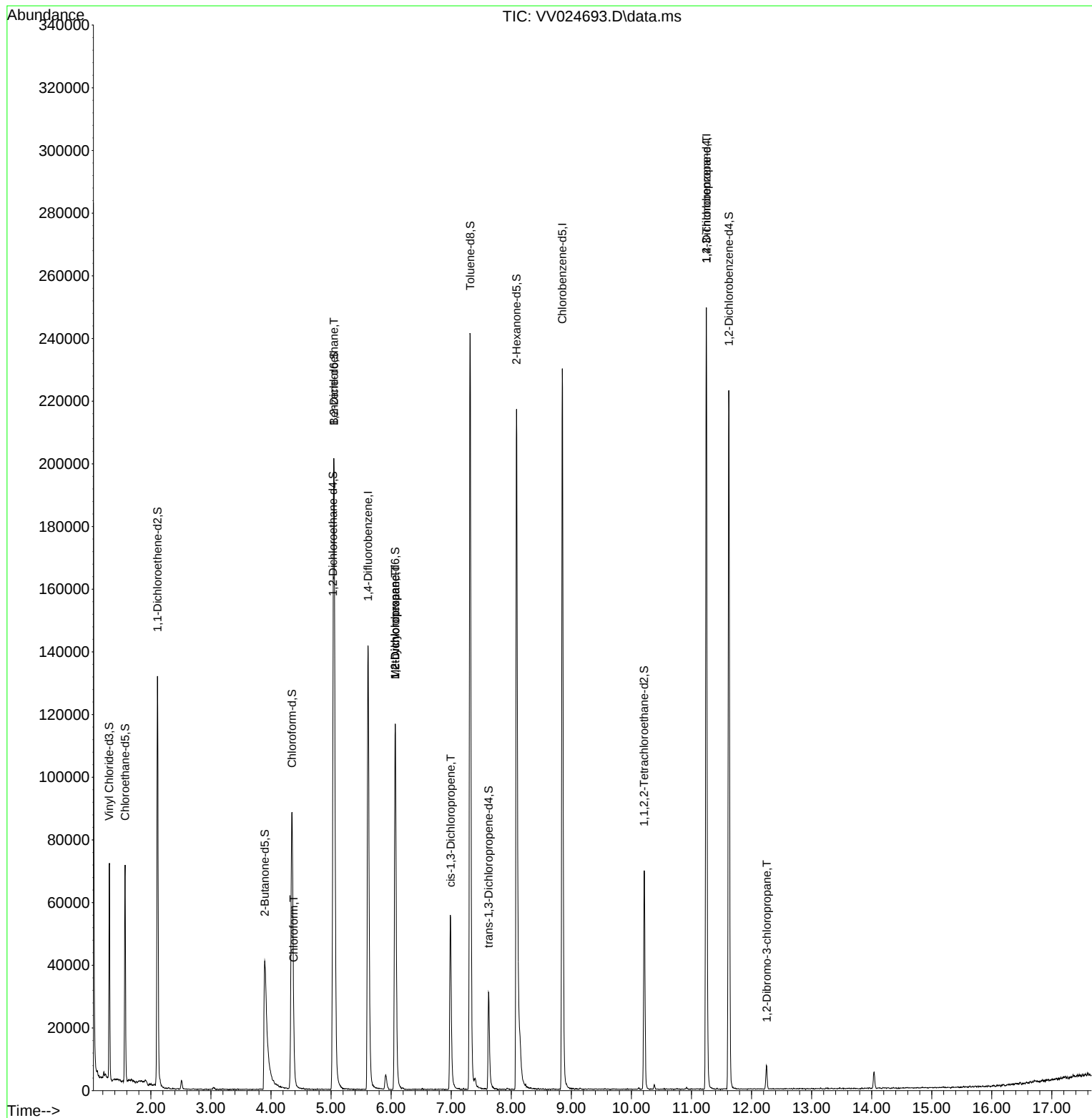
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.616  | 114            | 121849   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117            | 124418   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 62240    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65             | 42122    | 4.124  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 82.400%  |          |
| 7) Chloroethane-d5            | 1.571  | 69             | 44023    | 5.098  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 102.000% |          |
| 11) 1,1-Dichloroethene-d2     | 2.111  | 63             | 69207    | 3.098  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 62.000%  |          |
| 20) 2-Butanone-d5             | 3.895  | 46             | 97753    | 57.652 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 115.300% |          |
| 24) Chloroform-d              | 4.349  | 84             | 93666    | 5.211  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 104.200% |          |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65             | 45654    | 5.597  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 112.000% |          |
| 32) Benzene-d6                | 5.050  | 84             | 187078   | 5.299  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 106.000% |          |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67             | 57914    | 5.275  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 105.400% |          |
| 41) Toluene-d8                | 7.316  | 98             | 162903   | 4.948  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 99.000%  |          |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79             | 19754    | 4.455  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 89.200%  |          |
| 46) 2-Hexanone-d5             | 8.088  | 63             | 79071    | 50.617 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 101.240% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.213 | 84             | 34219    | 5.234  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 104.600% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152            | 54435    | 5.426  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 108.600% |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 25) Chloroform                | 4.378  | 83             | 3037     | 0.136  | ug/L     | 100      |
| 27) 1,2-Dichloroethane        | 5.050  | 62             | 1053     | 0.086  | ug/L #   | 73       |
| 35) Methylcyclohexane         | 6.069  | 83             | 13639    | 0.617  | ug/L #   | 18       |
| 37) 1,2-Dichloropropane       | 6.069  | 63             | 6441     | 0.547  | ug/L #   | 84       |
| 39) cis-1,3-Dichloropropene   | 6.992  | 75             | 1660     | 0.093  | ug/L #   | 70       |
| 61) 1,2,3-Trichloropropane    | 11.249 | 75             | 8613     | 1.404  | ug/L #   | 62       |
| 68) 1,2-Dibromo-3-chloropr... | 12.252 | 75             | 264      | 0.222  | ug/L #   | 1        |
| -----                         |        |                |          |        |          |          |

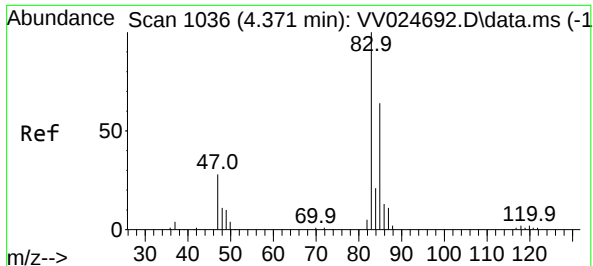
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Chloroform

Concen: 0.136 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV024693.D

Acq: 16 Feb 2022 13:37

Instrument :

MSVOA\_V

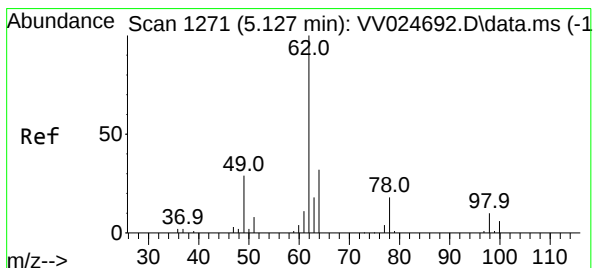
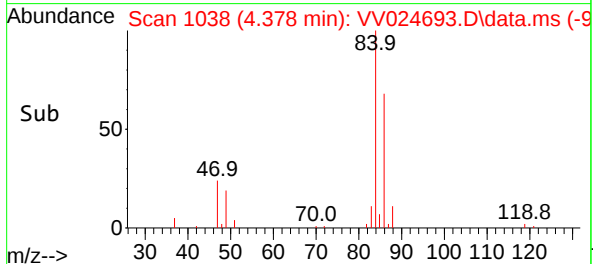
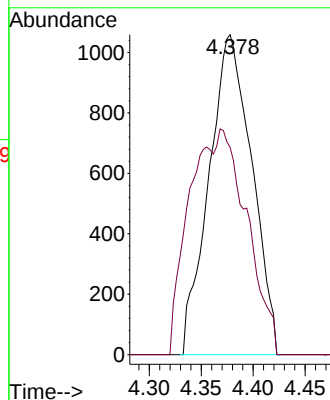
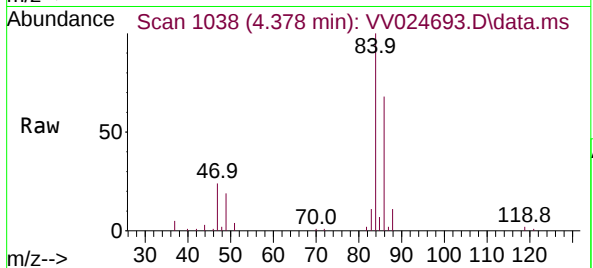
ClientSampleId :

Tgt Ion: 83 Resp: 3037

Ion Ratio Lower Upper

83 100

85 64.8 45.2 84.0



#27

1,2-Dichloroethane

Concen: 0.086 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.077 min

Lab File: VV024693.D

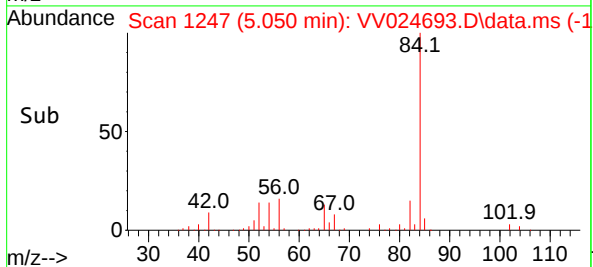
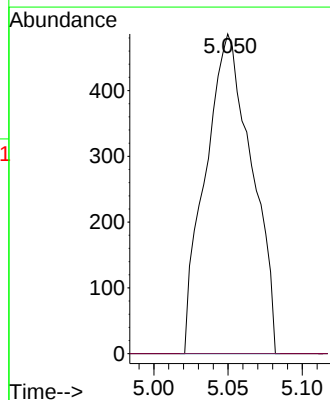
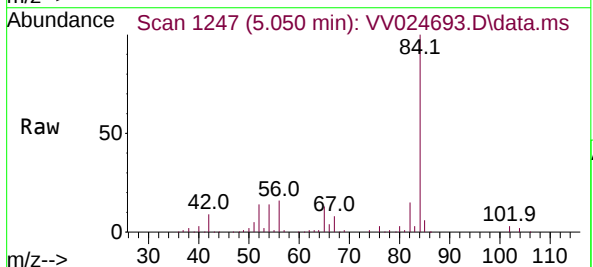
Acq: 16 Feb 2022 13:37

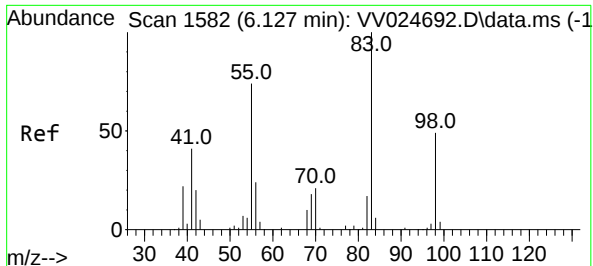
Tgt Ion: 62 Resp: 1053

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#

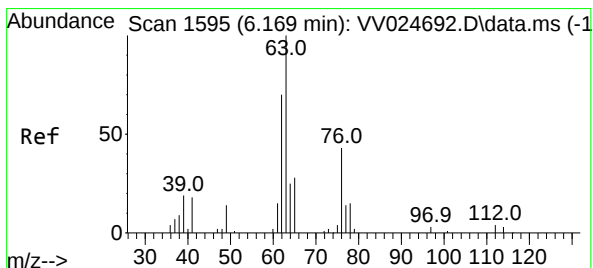
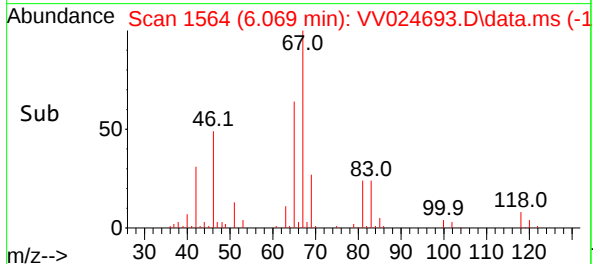
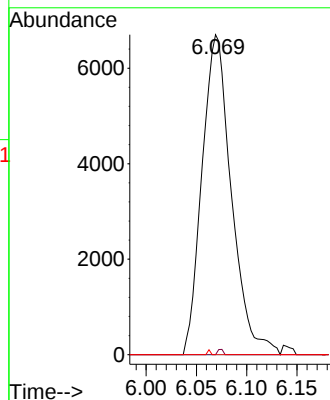
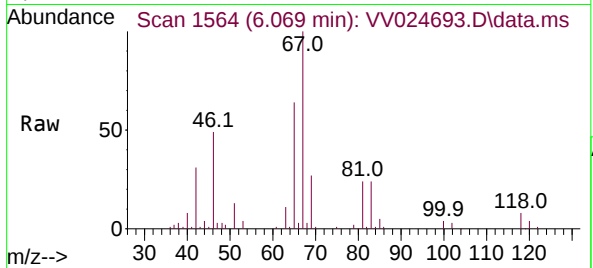




#35  
Methylcyclohexane  
Concen: 0.617 ug/L  
RT: 6.069 min Scan# 1564  
Delta R.T. -0.058 min  
Lab File: VV024693.D  
Acq: 16 Feb 2022 13:37

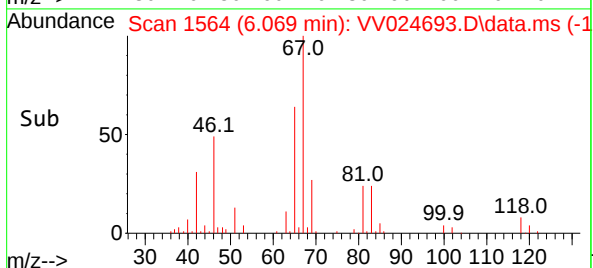
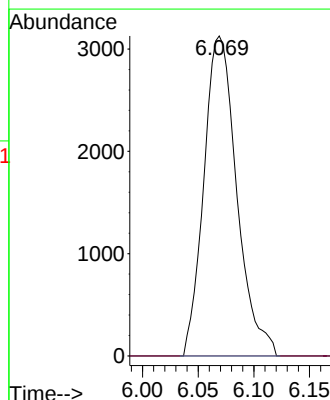
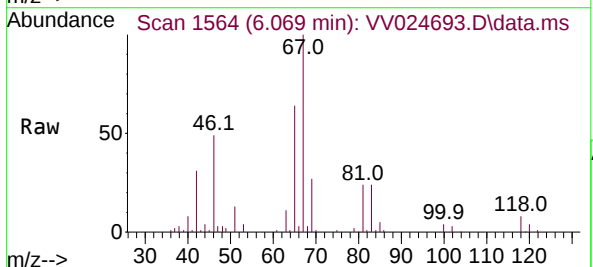
Instrument :  
MSVOA\_V  
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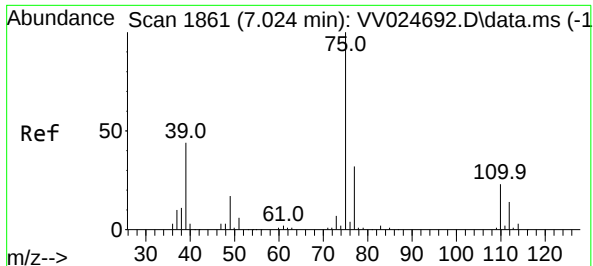
Tgt Ion: 83 Resp: 13639  
Ion Ratio Lower Upper  
83 100  
55 0.3 60.2 90.2#  
98 0.1 41.0 61.4#



#37  
1,2-Dichloropropane  
Concen: 0.547 ug/L  
RT: 6.069 min Scan# 1564  
Delta R.T. -0.100 min  
Lab File: VV024693.D  
Acq: 16 Feb 2022 13:37

Tgt Ion: 63 Resp: 6441  
Ion Ratio Lower Upper  
63 100  
112 0.0 4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV024693.D

Acq: 16 Feb 2022 13:37

Instrument :

MSVOA\_V

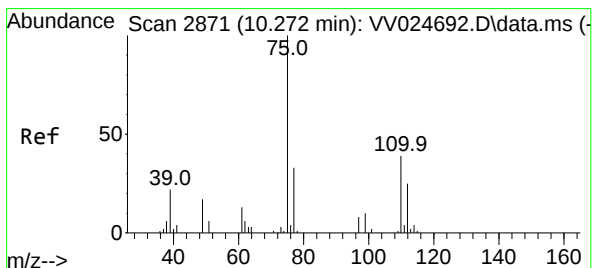
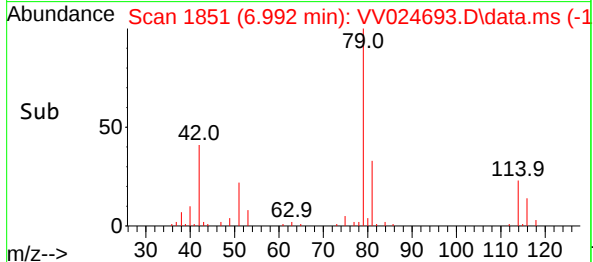
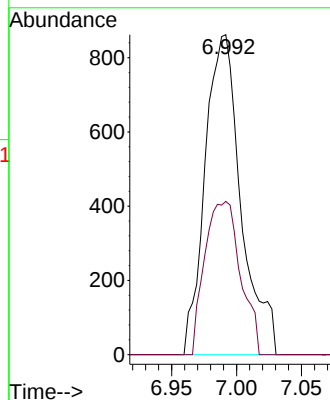
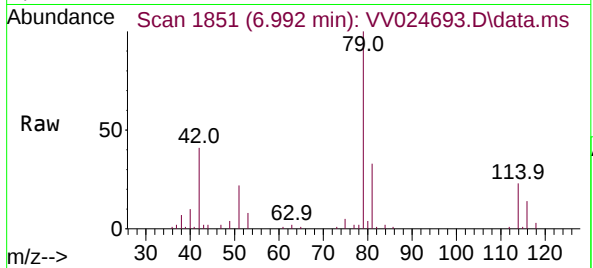
ClientSampleId :

Tgt Ion: 75 Resp: 1660

Ion Ratio Lower Upper

75 100

77 47.9 22.0 41.0#



#61

1,2,3-Trichloropropane

Concen: 1.404 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV024693.D

Acq: 16 Feb 2022 13:37

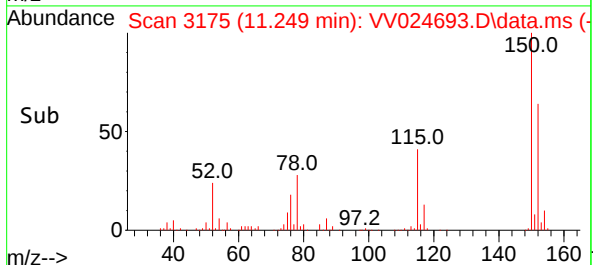
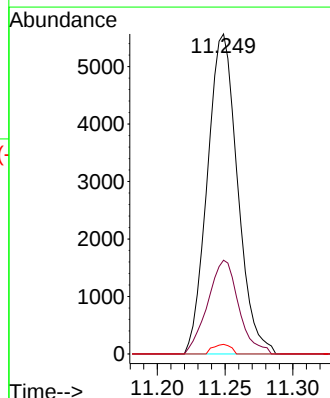
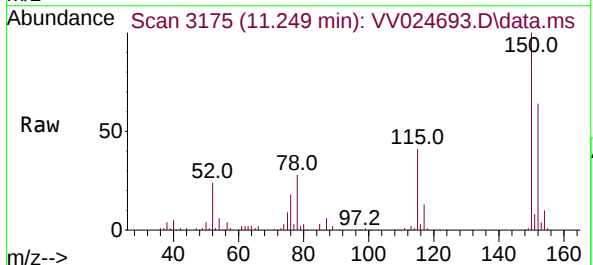
Tgt Ion: 75 Resp: 8613

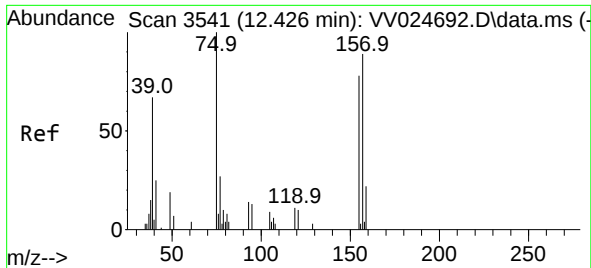
Ion Ratio Lower Upper

75 100

77 30.1 26.4 39.6

110 1.8 34.2 51.2#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.222 ug/L

RT: 12.252 min Scan# 34

Delta R.T. -0.174 min

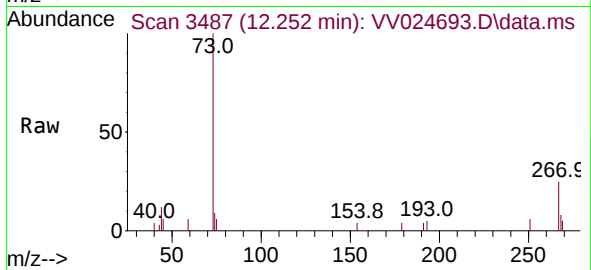
Lab File: VV024693.D

Acq: 16 Feb 2022 13:37

Instrument :

MSVOA\_V

ClientSampleId :



Tgt Ion: 75 Resp: 264

Ion Ratio Lower Upper

75 100

155 0.0 71.7 107.5#

157 0.0 103.3 154.9#

