

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV041122\  
 Data File : VV025439.D  
 Acq On : 11 Apr 2022 10:49  
 Operator : SY/MD  
 Sample : VV0411WBL01  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Apr 12 07:04:15 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Apr 12 07:03:45 2022  
 Response via : Initial Calibration

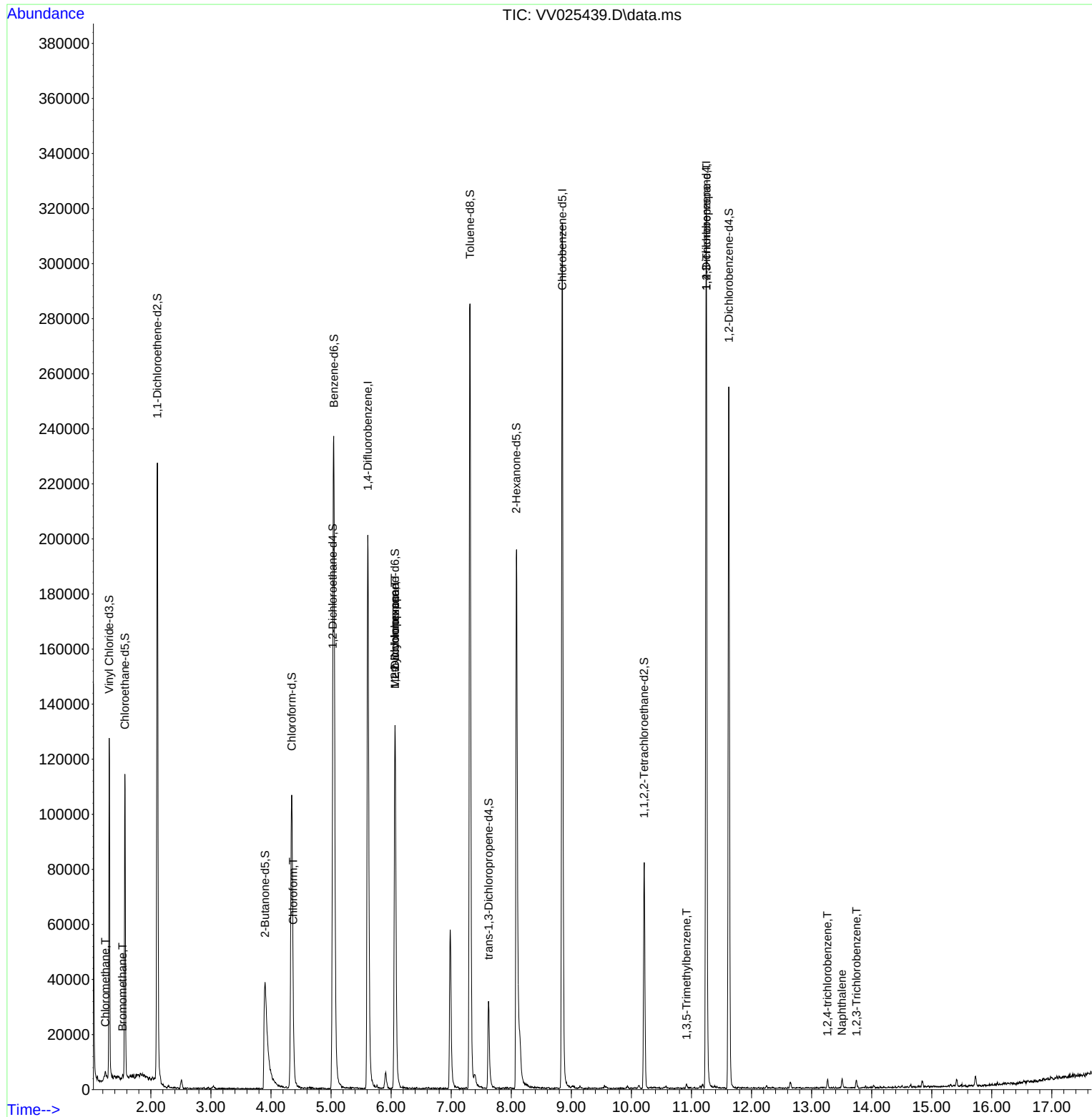
| Compound                      | R.T.   | QIon           | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|---------|----------|
| Internal Standards            |        |                |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 5.612  | 114            | 179335   | 5.000  | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117            | 174387   | 5.000  | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246 | 152            | 83317    | 5.000  | ug/L    | 0.00     |
| System Monitoring Compounds   |        |                |          |        |         |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65             | 77697    | 4.660  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 93.200% |          |
| 7) Chloroethane-d5            | 1.568  | 69             | 68957    | 3.888  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 77.800% |          |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63             | 119418   | 3.575  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 71.600% |          |
| 20) 2-Butanone-d5             | 3.902  | 46             | 91115    | 44.926 | ug/L    | 0.01     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 89.860% |          |
| 24) Chloroform-d              | 4.346  | 84             | 111553   | 4.428  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 88.600% |          |
| 26) 1,2-Dichloroethane-d4     | 5.027  | 65             | 51952    | 4.786  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 95.800% |          |
| 32) Benzene-d6                | 5.047  | 84             | 226257   | 4.484  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 89.600% |          |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67             | 63556    | 4.517  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 90.400% |          |
| 41) Toluene-d8                | 7.313  | 98             | 195707   | 4.180  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 83.600% |          |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 20119    | 4.254  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 85.000% |          |
| 46) 2-Hexanone-d5             | 8.085  | 63             | 72763    | 43.834 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 87.660% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84             | 38925    | 4.378  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 87.600% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152            | 65212    | 4.668  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 93.400% |          |
| Target Compounds              |        |                |          |        |         |          |
|                               |        |                |          |        | Qvalue  |          |
| 3) Chloromethane              | 1.243  | 50             | 891      | 0.051  | ug/L #  | 79       |
| 6) Bromomethane               | 1.526  | 94             | 611      | 0.043  | ug/L    | 94       |
| 25) Chloroform                | 4.368  | 83             | 1922     | 0.082  | ug/L    | 90       |
| 35) Methylcyclohexane         | 6.063  | 83             | 15886    | 0.728  | ug/L #  | 22       |
| 37) 1,2-Dichloropropane       | 6.063  | 63             | 7606     | 0.638  | ug/L #  | 85       |
| 61) 1,2,3-Trichloropropane    | 11.249 | 75             | 10108    | 1.842  | ug/L #  | 63       |
| 62) 1,3,5-Trimethylbenzene    | 10.918 | 105            | 1037     | 0.045  | ug/L    | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.262 | 180            | 1099     | 0.078  | ug/L #  | 83       |
| 71) Naphthalene               | 13.506 | 128            | 3402     | 0.164  | ug/L #  | 93       |
| 72) 1,2,3-Trichlorobenzene    | 13.747 | 180            | 932      | 0.080  | ug/L    | 90       |

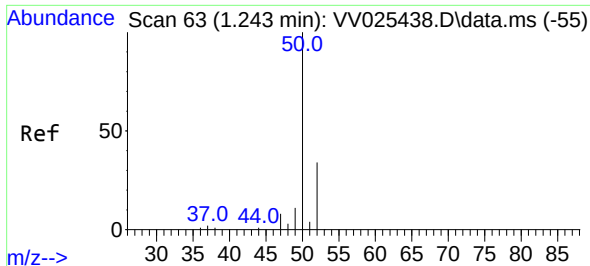
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV041122\  
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Sample : VV0411WBL01  
Misc : 25mL/MSVOA\_V/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

Quant Time: Apr 12 07:04:15 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040822WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Apr 12 07:03:45 2022  
Response via : Initial Calibration

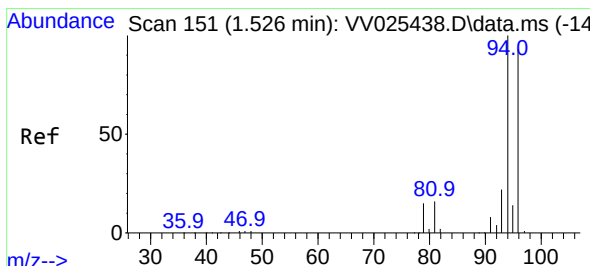
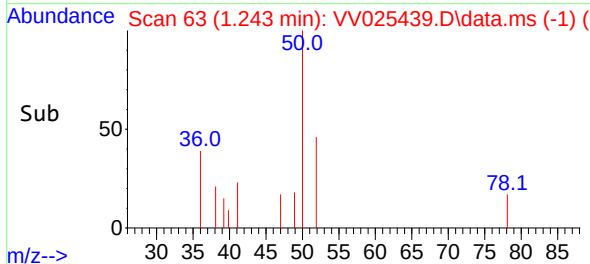
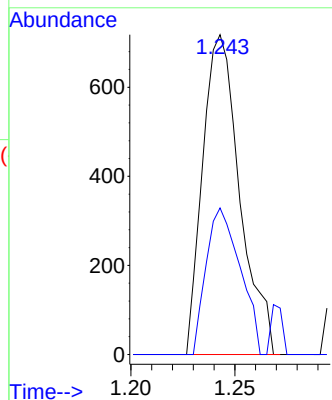
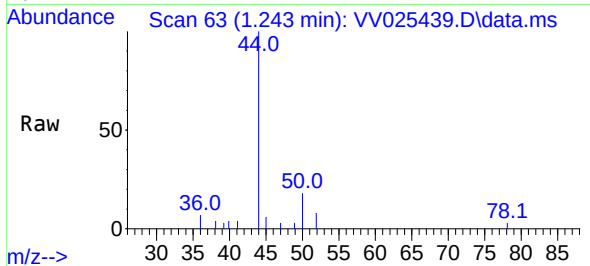




#3  
Chloromethane  
Concen: 0.051 ug/L  
RT: 1.243 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VV025439.D  
Acq: 11 Apr 2022 10:49

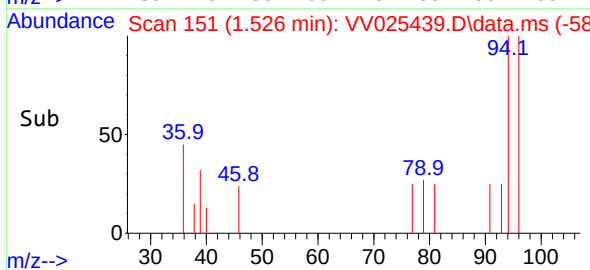
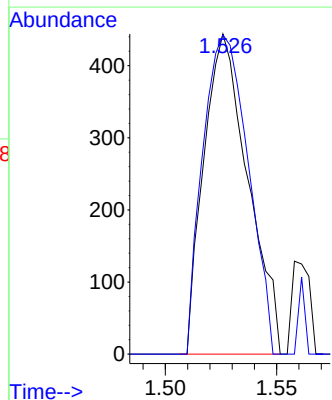
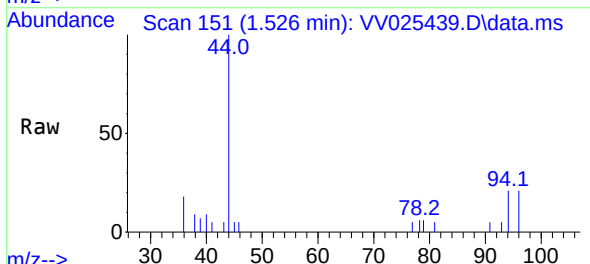
Instrument :  
MSVOA\_V  
ClientSampleId :

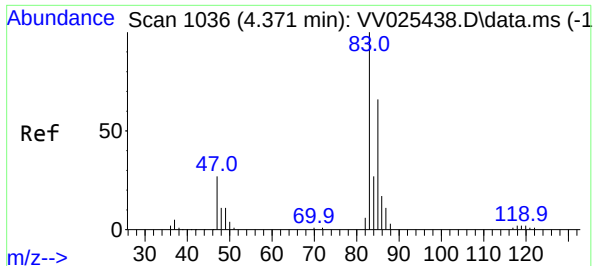
Tgt Ion: 50 Resp: 891  
Ion Ratio Lower Upper  
50 100  
52 45.8 23.7 43.9#



#6  
Bromomethane  
Concen: 0.043 ug/L  
RT: 1.526 min Scan# 151  
Delta R.T. 0.000 min  
Lab File: VV025439.D  
Acq: 11 Apr 2022 10:49

Tgt Ion: 94 Resp: 611  
Ion Ratio Lower Upper  
94 100  
96 99.8 66.1 122.7





#25

Chloroform

Concen: 0.082 ug/L

RT: 4.368 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV025439.D

Acq: 11 Apr 2022 10:49

Instrument :

MSVOA\_V

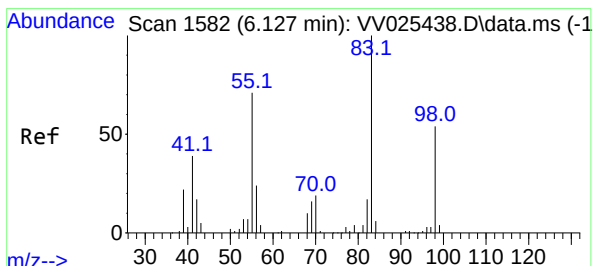
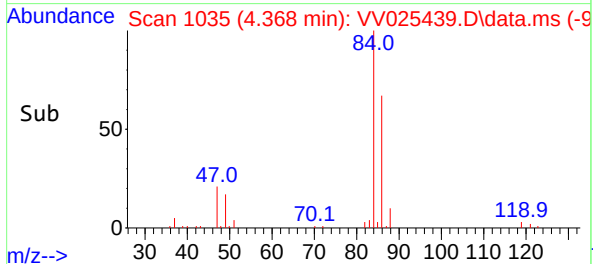
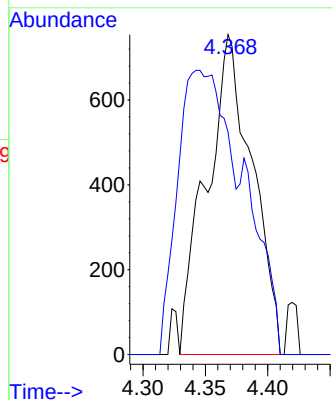
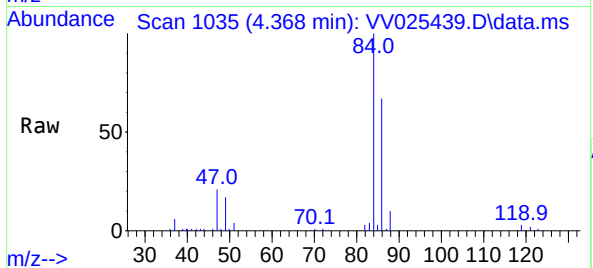
ClientSampleId :

Tgt Ion: 83 Resp: 1922

Ion Ratio Lower Upper

83 100

85 69.6 43.5 80.7



#35

Methylcyclohexane

Concen: 0.728 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.064 min

Lab File: VV025439.D

Acq: 11 Apr 2022 10:49

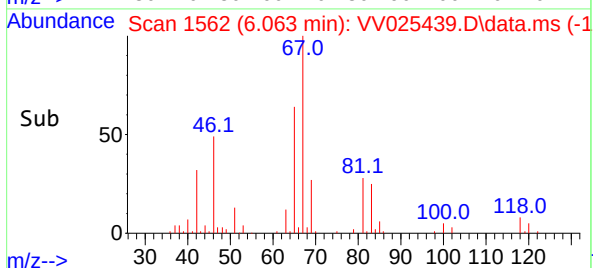
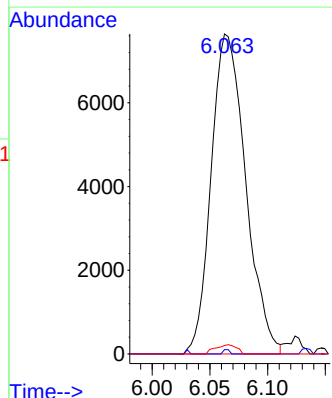
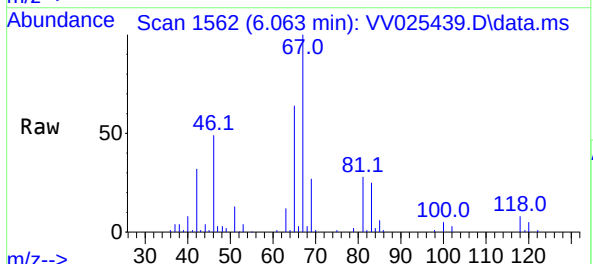
Tgt Ion: 83 Resp: 15886

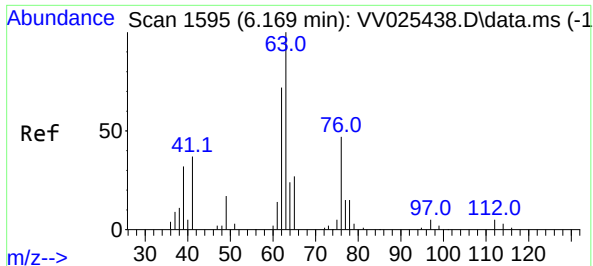
Ion Ratio Lower Upper

83 100

55 0.3 53.7 80.5#

98 1.8 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.638 ug/L

RT: 6.063 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV025439.D

Acq: 11 Apr 2022 10:49

Instrument :

MSVOA\_V

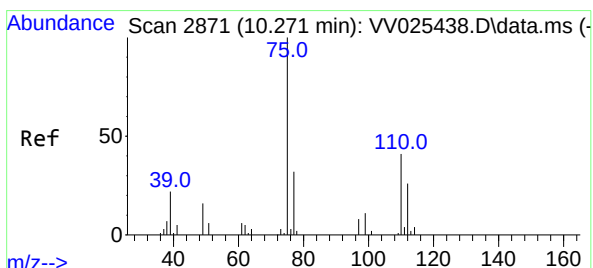
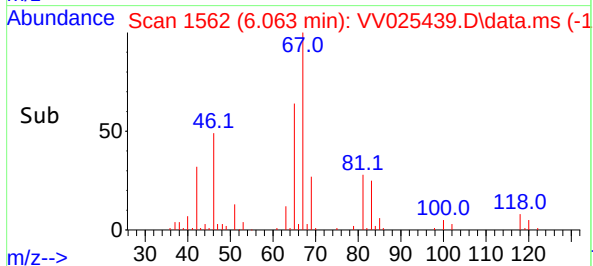
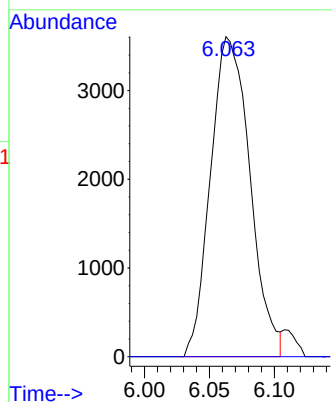
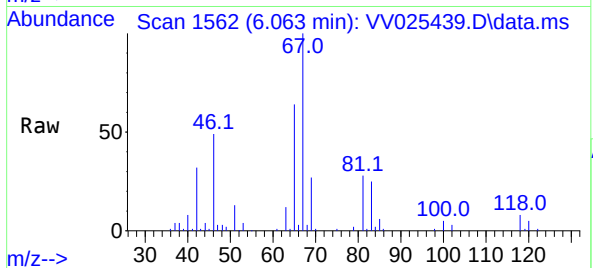
ClientSampleId :

Tgt Ion: 63 Resp: 7606

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#61

1,2,3-Trichloropropane

Concen: 1.842 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV025439.D

Acq: 11 Apr 2022 10:49

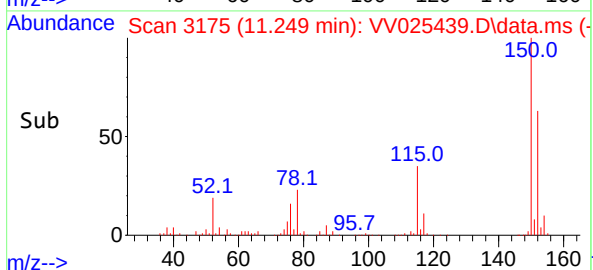
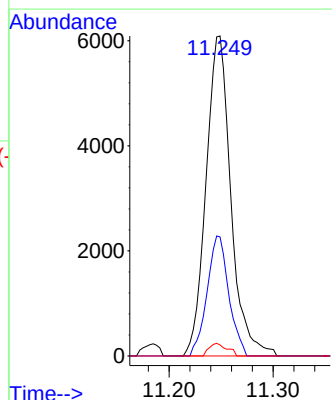
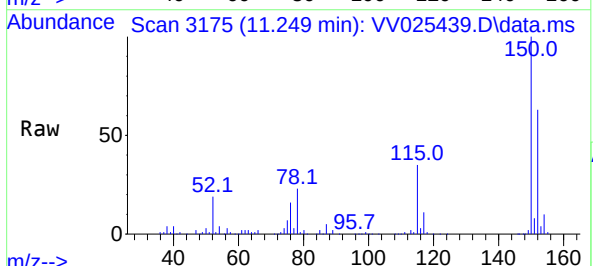
Tgt Ion: 75 Resp: 10108

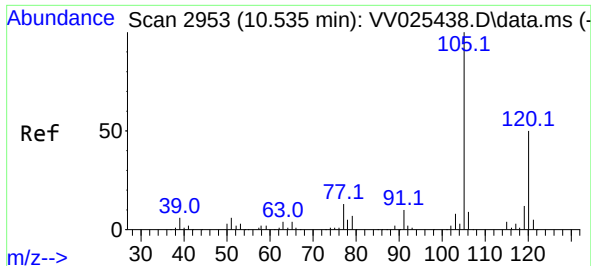
Ion Ratio Lower Upper

75 100

77 32.6 25.6 38.4

110 2.8 34.7 52.1#





#62

1,3,5-Trimethylbenzene

Concen: 0.045 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.383 min

Lab File: VV025439.D

Acq: 11 Apr 2022 10:49

Instrument :

MSVOA\_V

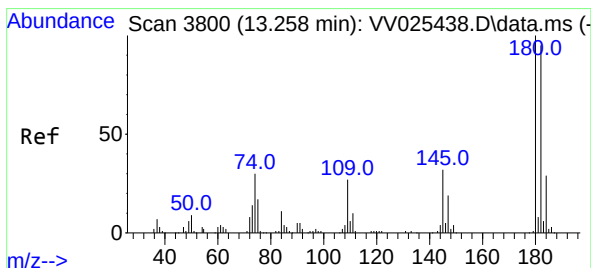
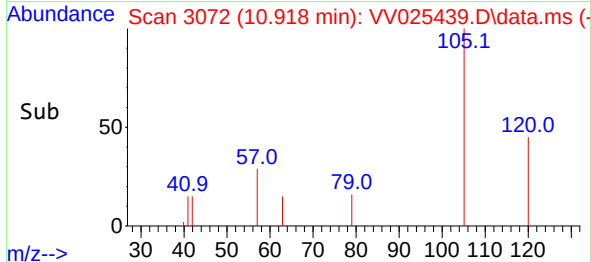
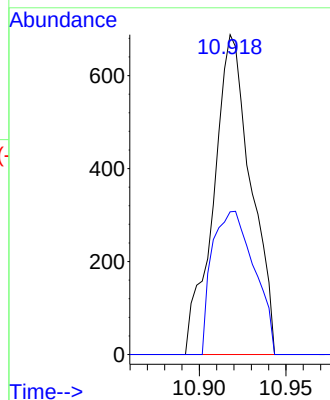
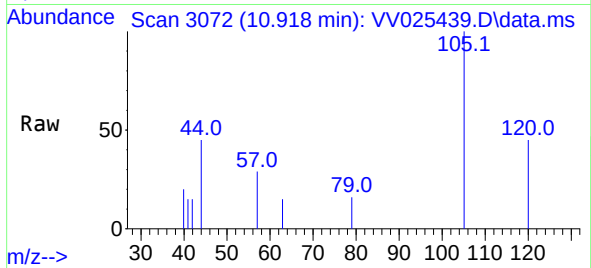
ClientSampleId :

Tgt Ion:105 Resp: 1037

Ion Ratio Lower Upper

105 100

120 50.1 39.6 59.4



#70

1,2,4-trichlorobenzene

Concen: 0.078 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV025439.D

Acq: 11 Apr 2022 10:49

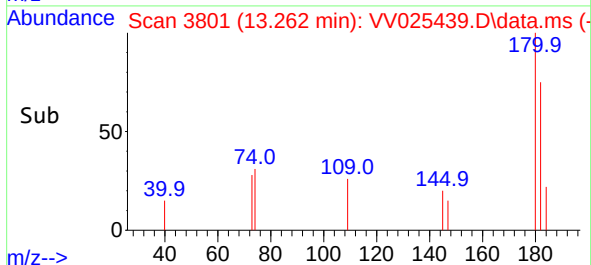
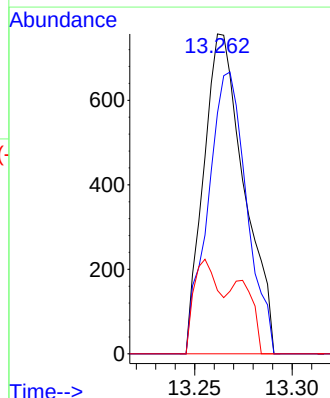
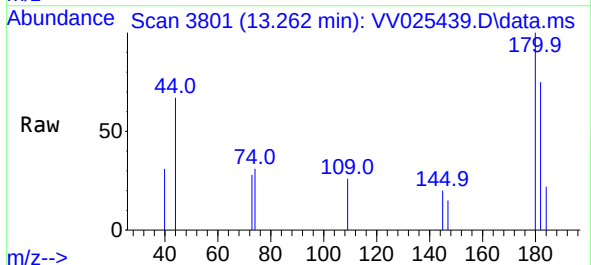
Tgt Ion:180 Resp: 1099

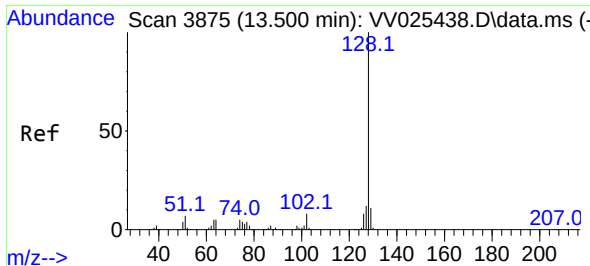
Ion Ratio Lower Upper

180 100

182 83.8 76.6 114.8

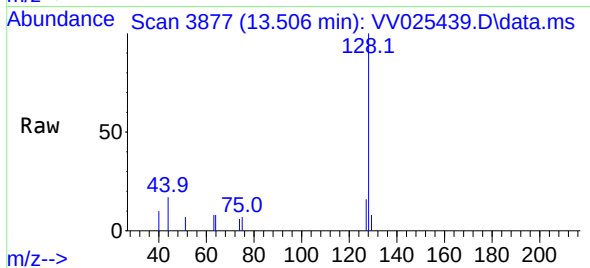
145 13.3 24.6 36.8#



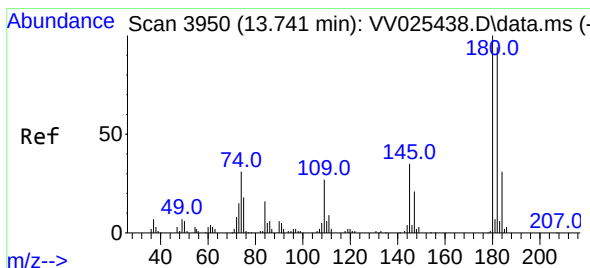
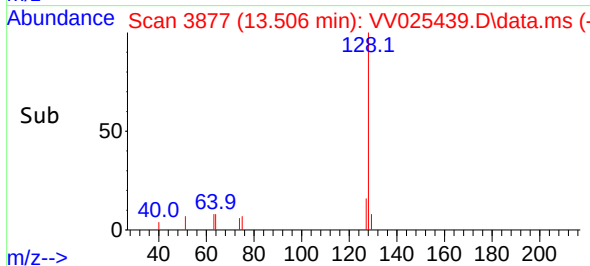
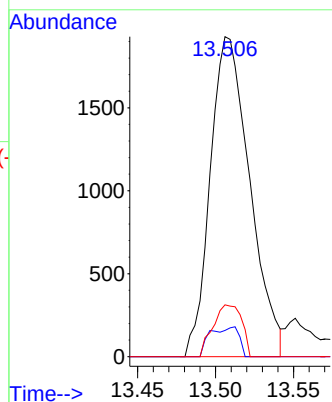


#71  
Naphthalene  
Concen: 0.164 ug/L  
RT: 13.506 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VV025439.D  
Acq: 11 Apr 2022 10:49

Instrument :  
MSVOA\_V  
ClientSampleId :



Tgt Ion:128 Resp: 3402  
Ion Ratio Lower Upper  
128 100  
129 6.8 8.8 13.2#  
127 11.8 10.4 15.6



#72  
1,2,3-Trichlorobenzene  
Concen: 0.080 ug/L  
RT: 13.747 min Scan# 3952  
Delta R.T. 0.006 min  
Lab File: VV025439.D  
Acq: 11 Apr 2022 10:49

Tgt Ion:180 Resp: 932  
Ion Ratio Lower Upper  
180 100  
182 107.8 77.7 116.5  
145 29.1 27.4 41.2

