

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV081222\  
 Data File : VV027307.D  
 Acq On : 12 Aug 2022 03:57  
 Operator : SY/MD  
 Sample : NN4162-10  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Aug 12 05:49:05 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR081122WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Aug 12 02:11:44 2022  
 Response via : Initial Calibration

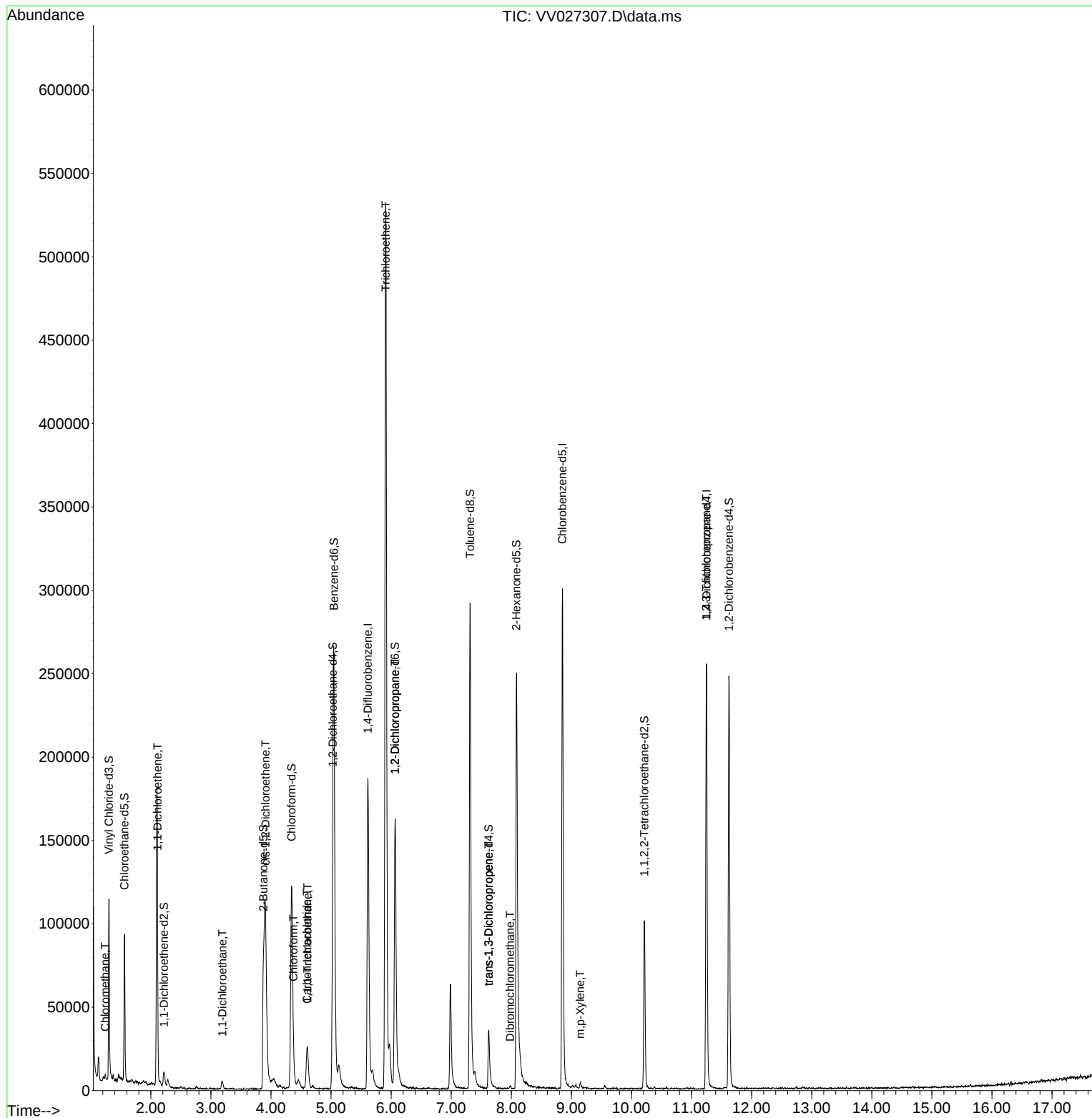
| Compound                      | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                         |           |                |          |            |        |          |
| Internal Standards            |           |                |          |            |        |          |
| 1) 1,4-Difluorobenzene        | 5.613     | 114            | 155900   | 5.000      | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850     | 117            | 165628   | 5.000      | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249    | 152            | 67409    | 5.000      | ug/L   | 0.00     |
| System Monitoring Compounds   |           |                |          |            |        |          |
| 4) Vinyl Chloride-d3          | 1.301     | 65             | 74077    | 5.469      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 40 - 130 | Recovery | = 109.400% |        |          |
| 7) Chloroethane-d5            | 1.561     | 69             | 54847    | 5.576      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 130 | Recovery | = 111.600% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.217     | 63             | 7574     | 0.308      | ug/L   | 0.12     |
| Spiked Amount                 | 5.000     | Range 60 - 125 | Recovery | = 6.200%#  |        |          |
| 20) 2-Butanone-d5             | 3.873     | 46             | 116409   | 50.748     | ug/L   | -0.01    |
| Spiked Amount                 | 50.000    | Range 40 - 130 | Recovery | = 101.500% |        |          |
| 24) Chloroform-d              | 4.342     | 84             | 125859   | 5.067      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 101.400% |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.027     | 65             | 60410    | 5.105      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 102.000% |        |          |
| 32) Benzene-d6                | 5.047     | 84             | 236504   | 4.841      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 96.800%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.066     | 67             | 77240    | 5.113      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 140 | Recovery | = 102.200% |        |          |
| 41) Toluene-d8                | 7.313     | 98             | 197441   | 4.414      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 88.200%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.622     | 79             | 22430    | 4.286      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 55 - 130 | Recovery | = 85.800%  |        |          |
| 46) 2-Hexanone-d5             | 8.085     | 63             | 81742    | 40.365     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 45 - 130 | Recovery | = 80.720%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214    | 84             | 48974    | 4.481      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 120 | Recovery | = 89.600%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622    | 152            | 62965    | 5.412      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 80 - 120 | Recovery | = 108.200% |        |          |
| Target Compounds              |           |                |          |            |        |          |
|                               |           |                |          |            | Qvalue |          |
| 3) Chloromethane              | 1.236     | 50             | 1376     | 0.074      | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.111     | 96             | 1246     | 0.111      | ug/L # | 1        |
| 19) 1,1-Dichloroethane        | 3.188     | 63             | 4618     | 0.175      | ug/L   | 95       |
| 22) cis-1,2-Dichloroethene    | 3.908     | 96             | 50356    | 3.708      | ug/L   | 95       |
| 25) Chloroform                | 4.371     | 83             | 4595     | 0.169      | ug/L   | 100      |
| 29) 1,1,1-Trichloroethane     | 4.606     | 97             | 20362    | 0.874      | ug/L   | 99       |
| 31) Carbon tetrachloride      | 4.600     | 117            | 2690     | 0.133      | ug/L   | 94       |
| 34) Trichloroethene           | 5.908     | 95             | 184713   | 13.109     | ug/L   | 98       |
| 37) 1,2-Dichloropropane       | 6.066     | 63             | 9176     | 0.656      | ug/L # | 88       |
| 44) trans-1,3-Dichloropropene | 7.622     | 75             | 1101     | 0.074      | ug/L # | 34       |
| 49) Dibromochloromethane      | 7.979     | 129            | 386      | 0.033      | ug/L # | 10       |
| 53) m,p-Xylene                | 9.146     | 106            | 739      | 0.034      | ug/L   | 100      |
| 61) 1,2,3-Trichloropropane    | 11.246    | 75             | 8134     | 1.253      | ug/L # | 67       |
| -----                         |           |                |          |            |        |          |

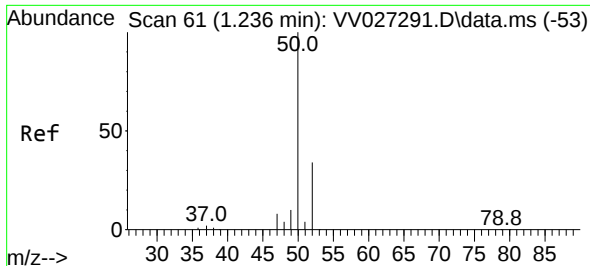
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV081222\  
Data File : VV027307.D  
Acq On : 12 Aug 2022 03:57  
Operator : SY/MD  
Sample : NN4162-10  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

Quant Time: Aug 12 05:49:05 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR081122WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Aug 12 02:11:44 2022  
Response via : Initial Calibration

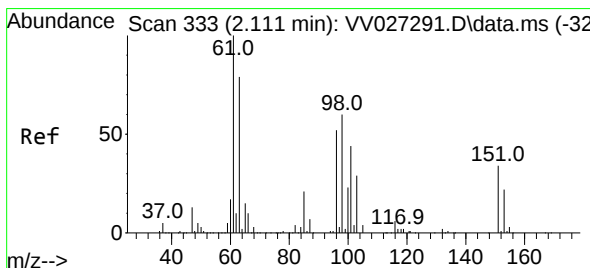
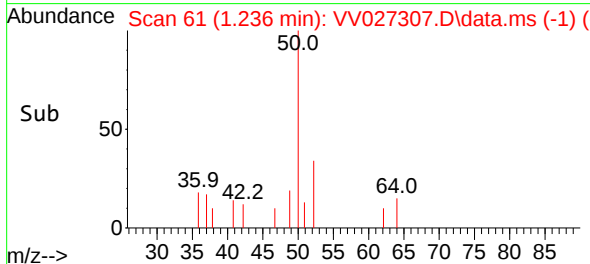
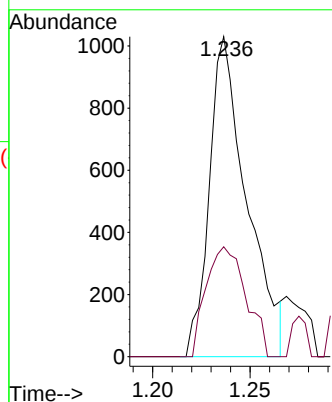
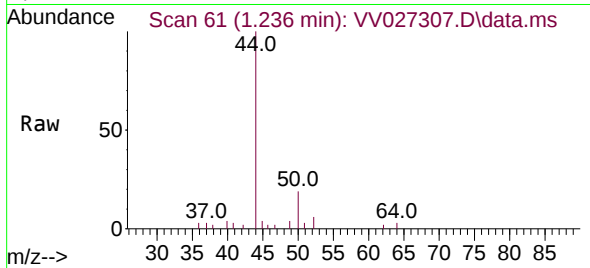




#3  
Chloromethane  
Concen: 0.074 ug/L  
RT: 1.236 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VV027307.D  
Acq: 12 Aug 2022 03:57

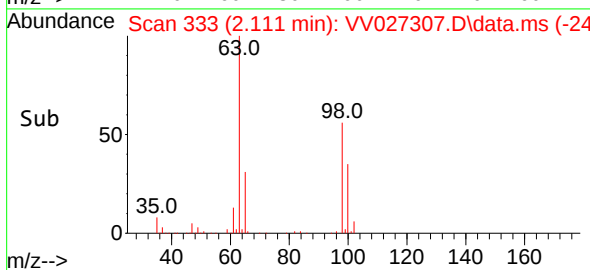
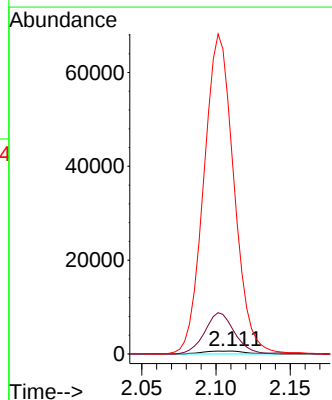
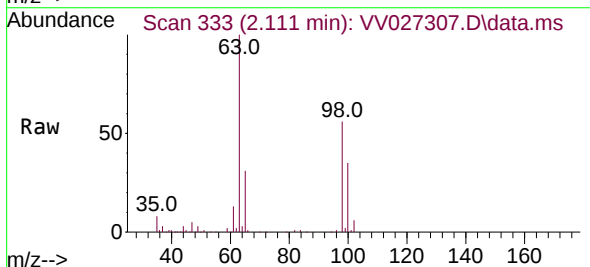
Instrument :  
MSVOA\_V  
ClientSampleId :

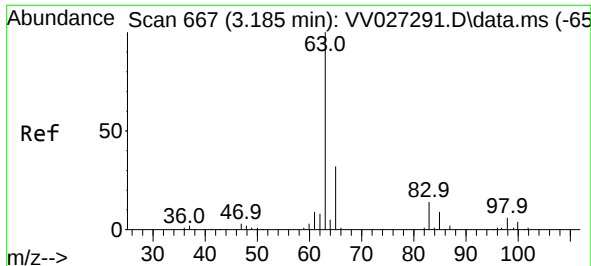
Tgt Ion: 50 Resp: 1376  
Ion Ratio Lower Upper  
50 100  
52 34.4 23.4 43.4



#12  
1,1-Dichloroethene  
Concen: 0.111 ug/L  
RT: 2.111 min Scan# 333  
Delta R.T. 0.000 min  
Lab File: VV027307.D  
Acq: 12 Aug 2022 03:57

Tgt Ion: 96 Resp: 1246  
Ion Ratio Lower Upper  
96 100  
61 881.6 130.7 242.7#  
63 6760.3 101.4 188.2#





#19

1,1-Dichloroethane

Concen: 0.175 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.003 min

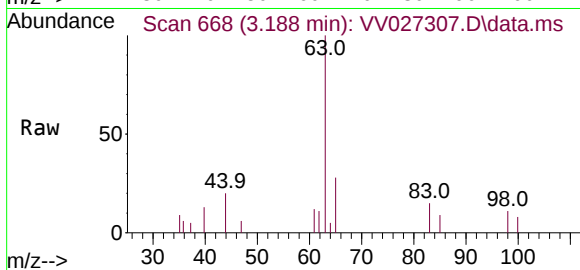
Lab File: VV027307.D

Acq: 12 Aug 2022 03:57

Instrument :

MSVOA\_V

ClientSampleId :



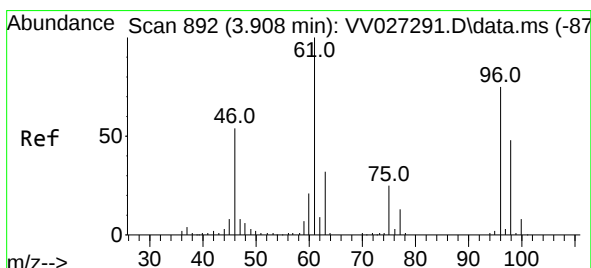
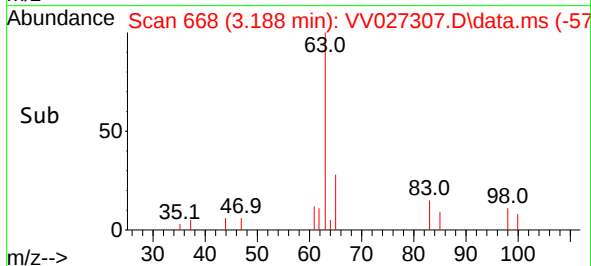
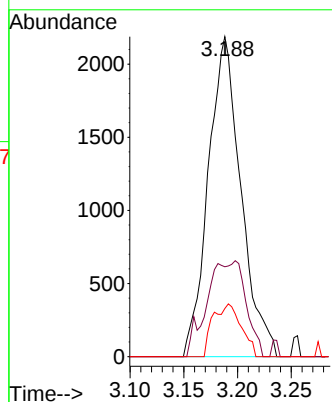
Tgt Ion: 63 Resp: 4618

Ion Ratio Lower Upper

63 100

65 28.1 21.6 40.2

83 15.0 9.3 17.3



#22

cis-1,2-Dichloroethene

Concen: 3.708 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.000 min

Lab File: VV027307.D

Acq: 12 Aug 2022 03:57

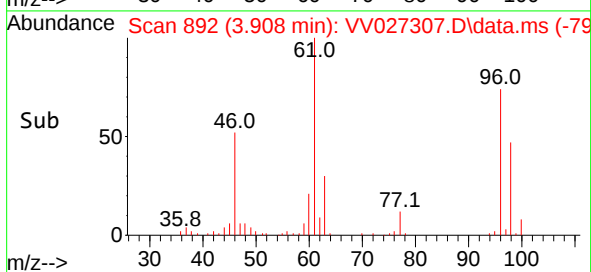
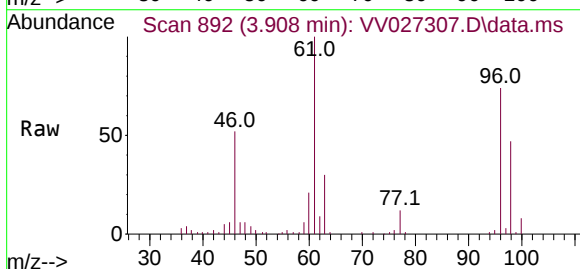
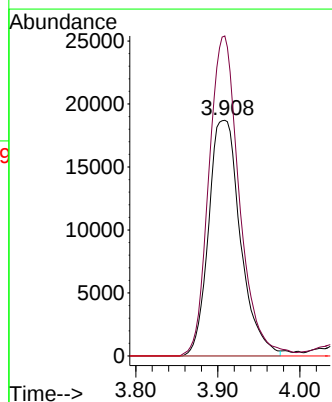
Tgt Ion: 96 Resp: 50356

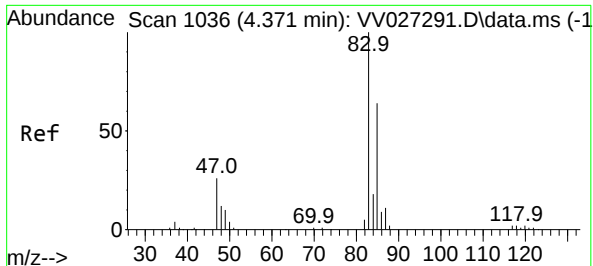
Ion Ratio Lower Upper

96 100

61 135.7 91.3 169.5

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.169 ug/L

RT: 4.371 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VV027307.D

Acq: 12 Aug 2022 03:57

Instrument :

MSVOA\_V

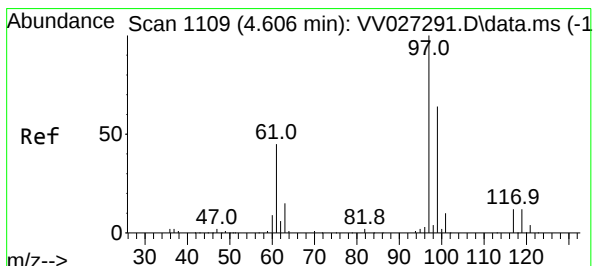
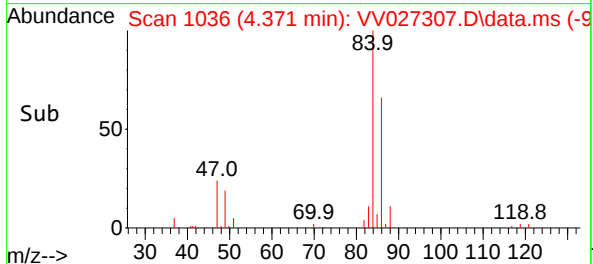
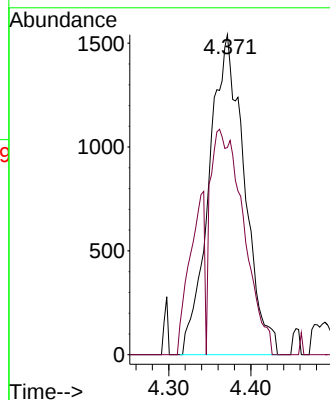
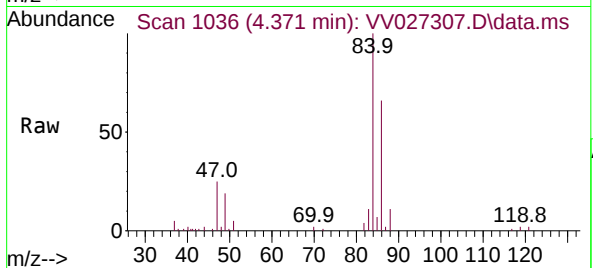
ClientSampleId :

Tgt Ion: 83 Resp: 4595

Ion Ratio Lower Upper

83 100

85 64.8 45.2 84.0



#29

1,1,1-Trichloroethane

Concen: 0.874 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VV027307.D

Acq: 12 Aug 2022 03:57

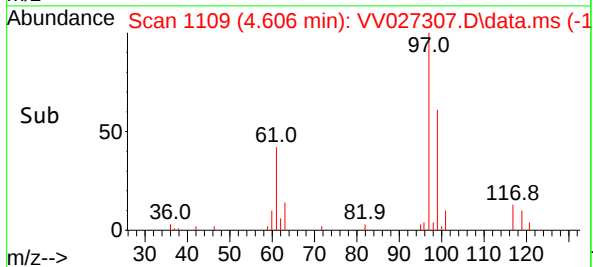
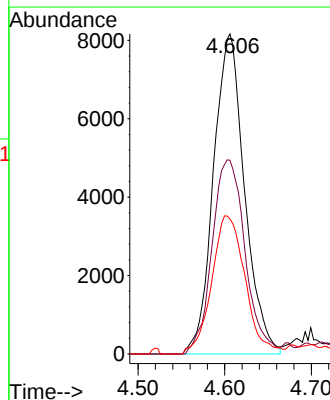
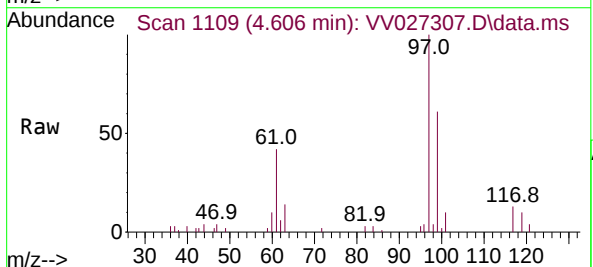
Tgt Ion: 97 Resp: 20362

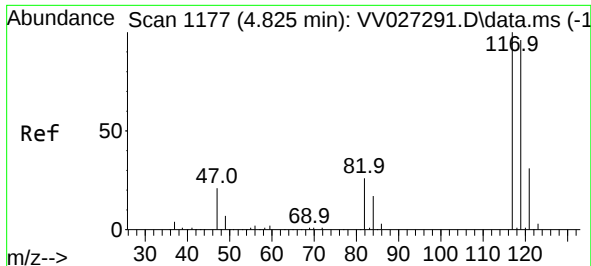
Ion Ratio Lower Upper

97 100

99 64.3 50.8 76.2

61 46.3 36.5 54.7

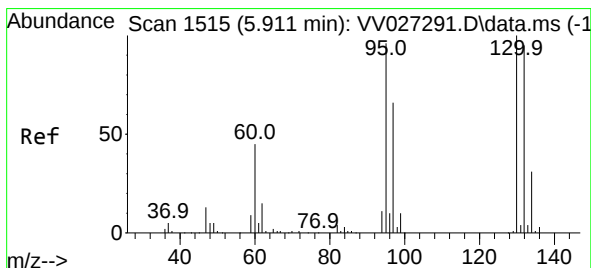
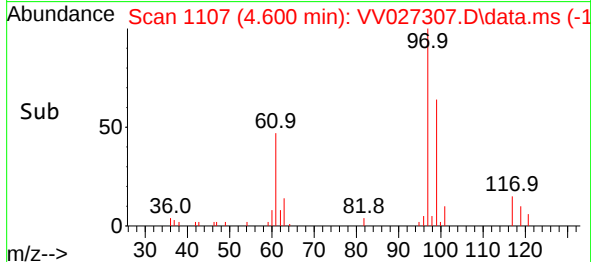
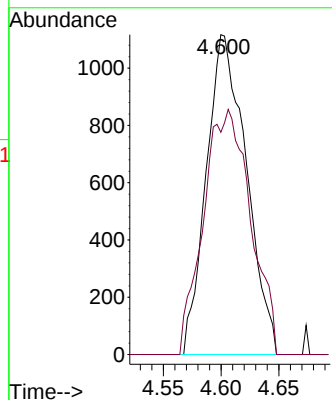
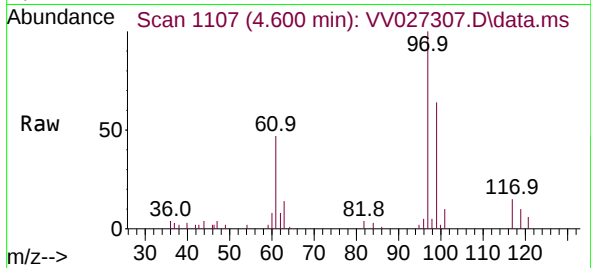




#31  
Carbon tetrachloride  
Concen: 0.133 ug/L  
RT: 4.600 min Scan# 1177  
Delta R.T. -0.225 min  
Lab File: VV027307.D  
Acq: 12 Aug 2022 03:57

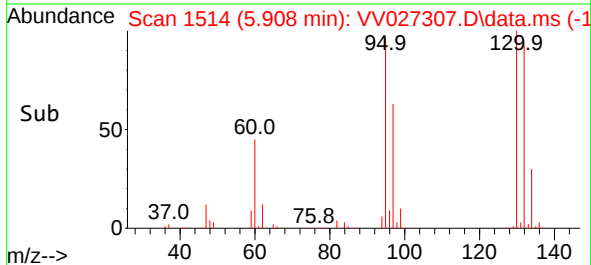
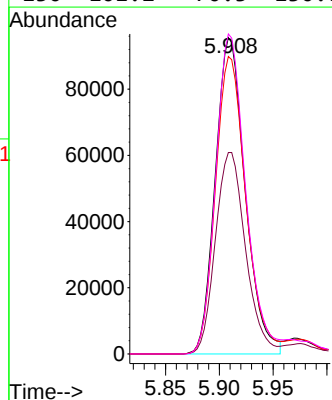
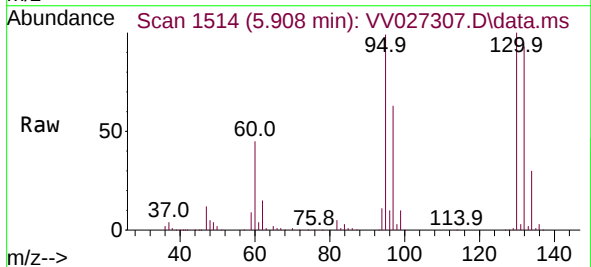
Instrument :  
MSVOA\_V  
ClientSampleId :

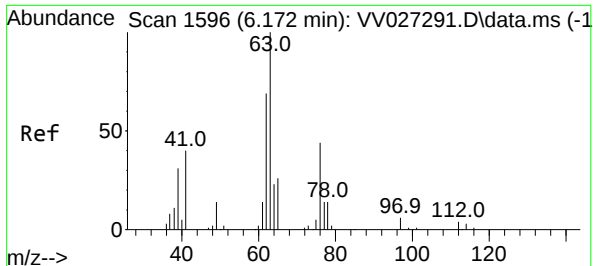
Tgt Ion:117 Resp: 2690  
Ion Ratio Lower Upper  
117 100  
119 90.4 76.6 115.0



#34  
Trichloroethene  
Concen: 13.109 ug/L  
RT: 5.908 min Scan# 1514  
Delta R.T. -0.003 min  
Lab File: VV027307.D  
Acq: 12 Aug 2022 03:57

Tgt Ion: 95 Resp: 184713  
Ion Ratio Lower Upper  
95 100  
97 63.7 45.5 84.5  
132 94.0 68.2 126.6  
130 101.2 70.3 130.7





#37

1,2-Dichloropropane

Concen: 0.656 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV027307.D

Acq: 12 Aug 2022 03:57

Instrument :

MSVOA\_V

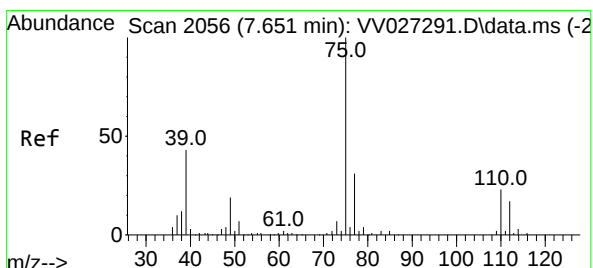
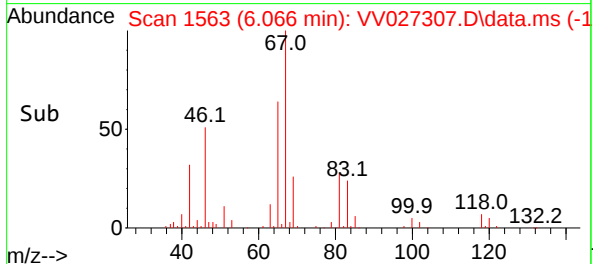
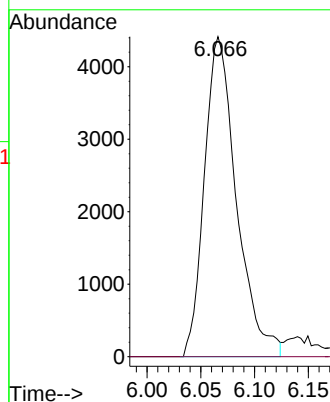
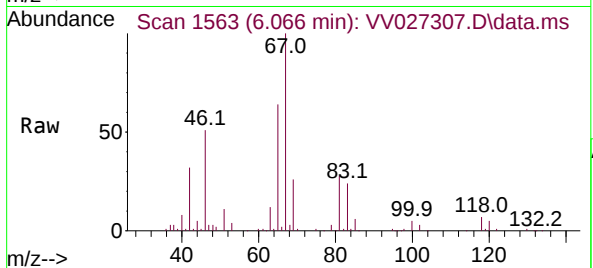
ClientSampleId :

Tgt Ion: 63 Resp: 9176

Ion Ratio Lower Upper

63 100

112 1.1 4.0 6.0#



#44

trans-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 7.622 min Scan# 2047

Delta R.T. -0.029 min

Lab File: VV027307.D

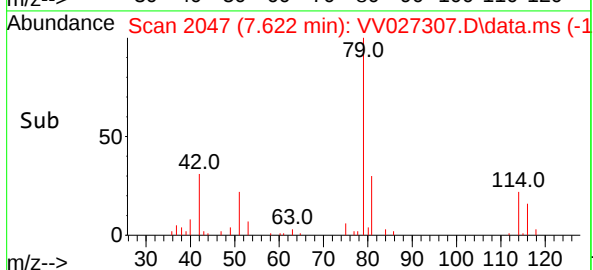
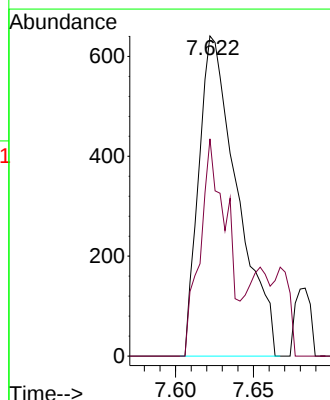
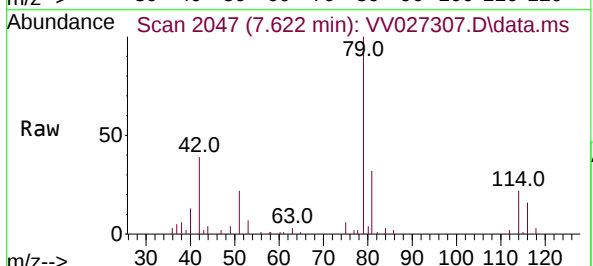
Acq: 12 Aug 2022 03:57

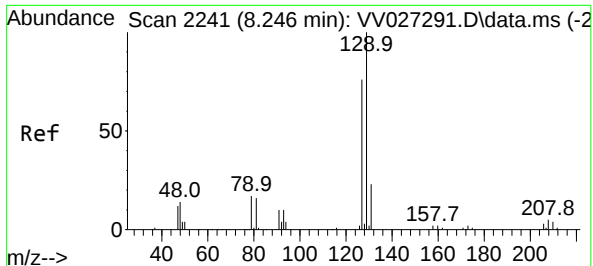
Tgt Ion: 75 Resp: 1101

Ion Ratio Lower Upper

75 100

77 67.9 21.9 40.7#





#49

Dibromochloromethane

Concen: 0.033 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV027307.D

Acq: 12 Aug 2022 03:57

Instrument :

MSVOA\_V

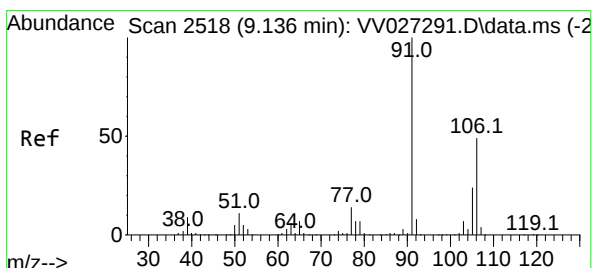
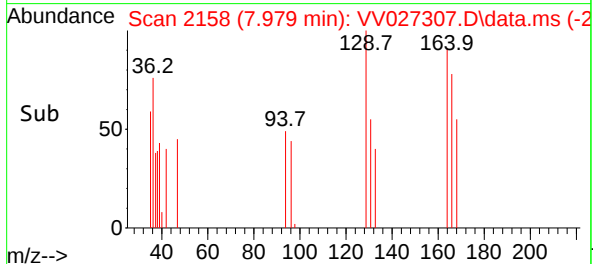
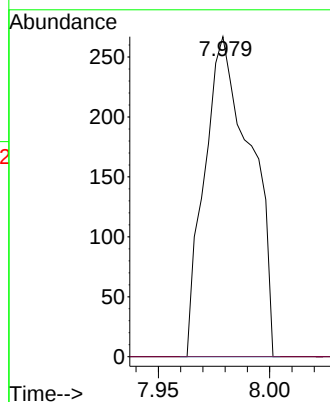
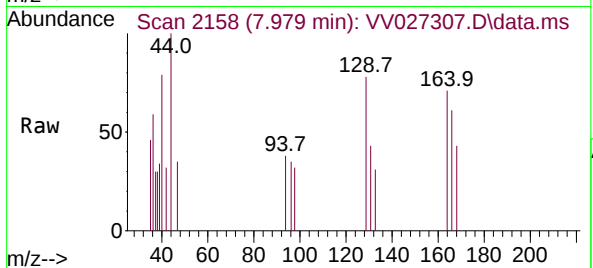
ClientSampleId :

Tgt Ion:129 Resp: 386

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.3#



#53

m,p-Xylene

Concen: 0.034 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.010 min

Lab File: VV027307.D

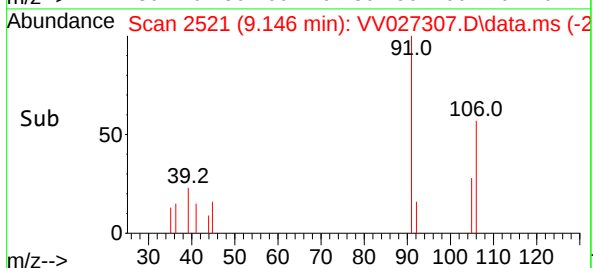
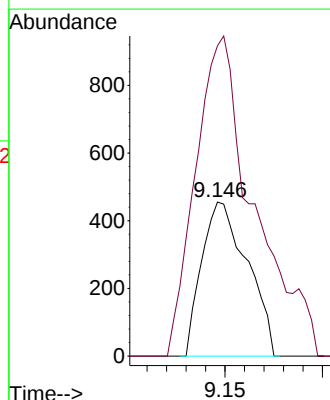
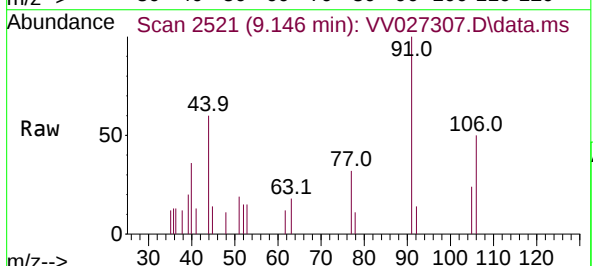
Acq: 12 Aug 2022 03:57

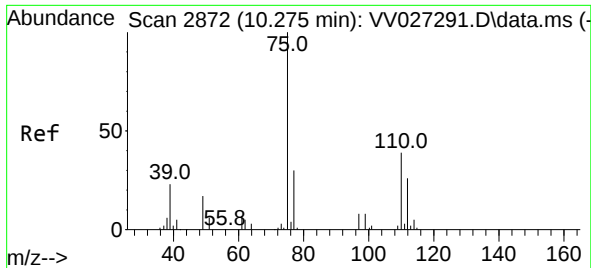
Tgt Ion:106 Resp: 739

Ion Ratio Lower Upper

106 100

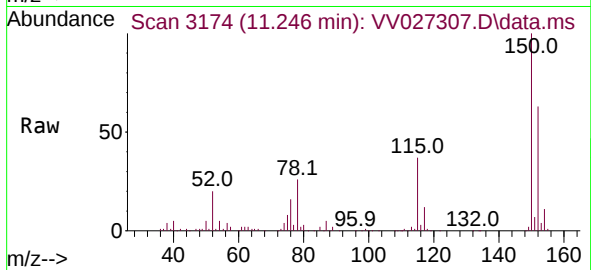
91 201.5 141.5 262.9





#61  
 1,2,3-Trichloropropane  
 Concen: 1.253 ug/L  
 RT: 11.246 min Scan# 31  
 Delta R.T. 0.971 min  
 Lab File: VV027307.D  
 Acq: 12 Aug 2022 03:57

Instrument :  
 MSVOA\_V  
 ClientSampleId :



|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 75 | Resp: | 8134        |
| Ion         | Ratio | Lower Upper |
| 75          | 100   |             |
| 77          | 33.1  | 26.6 39.8   |
| 110         | 1.8   | 31.0 46.6#  |

