

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW102323\  
 Data File : VW032581.D  
 Acq On : 23 Oct 2023 19:31  
 Operator : SY/MD  
 Sample : 04950-26DL 4X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Oct 24 04:49:19 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092923WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Oct 21 02:44:24 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.538  | 114   | 87716    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.789  | 117   | 102781   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188 | 152   | 45217    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65    | 25495    | 3.574    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 71.400%  |
| 7) Chloroethane-d5            | 1.532  | 69    | 26554    | 4.586    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 91.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.059  | 65    | 10648    | 3.539    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 70.800%  |
| 20) 2-Butanone-d5             | 3.802  | 46    | 67583    | 37.450   | ug/L   | -0.01    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 74.900%  |
| 24) Chloroform-d              | 4.252  | 84    | 55618    | 4.419    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 88.400%  |
| 26) 1,2-Dichloroethane-d4     | 4.947  | 65    | 30031    | 5.038    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 100.800% |
| 32) Benzene-d6                | 4.963  | 84    | 99600    | 3.293    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 65.800%# |
| 36) 1,2-Dichloropropane-d6    | 6.050  | 67    | 3016     | 0.301    | ug/L   | 0.05     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 6.000%#  |
| 41) Toluene-d8                | 7.246  | 98    | 91240    | 3.299    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 66.000%# |
| 43) trans-1,3-Dichloroprop... | 7.558  | 79    | 13250    | 3.732    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 74.600%  |
| 46) 2-Hexanone-d5             | 8.030  | 63    | 79731    | 47.725   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 95.460%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156 | 84    | 34021    | 4.854    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 97.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.564 | 152   | 34768    | 4.144    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 82.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.105  | 85    | 7674     | 0.785    | ug/L   | 97       |
| 5) Vinyl chloride             | 1.281  | 62    | 9204     | 0.979    | ug/L   | 93       |
| 8) Chloroethane               | 1.548  | 64    | 21797    | 3.852    | ug/L   | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.069  | 101   | 17834    | 2.611    | ug/L   | 97       |
| 12) 1,1-Dichloroethene        | 2.069  | 96    | 3740     | 0.581    | ug/L # | 1        |
| 13) Acetone                   | 2.127  | 43    | 36621    | 26.329   | ug/L   | 95       |
| 15) Methyl Acetate            | 2.384  | 43    | 5555     | 1.774    | ug/L   | 93       |
| 16) Methylene chloride        | 2.449  | 84    | 4547     | 0.542    | ug/L   | 95       |
| 18) trans-1,2-Dichloroethene  | 2.699  | 96    | 5064     | 0.687    | ug/L   | 97       |
| 19) 1,1-Dichloroethane        | 3.117  | 63    | 6622     | 0.478    | ug/L   | 94       |
| 22) cis-1,2-Dichloroethene    | 3.815  | 96    | 7182     | 0.905    | ug/L   | 94       |
| 23) Bromochloromethane        | 4.159  | 128   | 4106     | 1.230    | ug/L   | 94       |
| 25) Chloroform                | 4.281  | 83    | 27858    | 2.048    | ug/L   | 95       |
| 27) 1,2-Dichloroethane        | 5.056  | 62    | 4542     | 0.565    | ug/L # | 93       |
| 31) Carbon tetrachloride      | 4.735  | 117   | 7865     | 0.665    | ug/L   | 93       |
| 34) Trichloroethene           | 5.844  | 95    | 4352     | 0.441    | ug/L   | 94       |
| 39) cis-1,3-Dichloropropene   | 6.963  | 75    | 13026    | 0.946    | ug/L   | 96       |
| 40) 4-Methyl-2-pentanone      | 7.165  | 43    | 62508    | 10.207   | ug/L   | 93       |
| 44) trans-1,3-Dichloropropene | 7.593  | 75    | 5701     | 0.504    | ug/L   | 93       |

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Quant Time: Oct 24 04:49:19 2023  
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 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Oct 21 02:44:24 2023  
 Response via : Initial Calibration

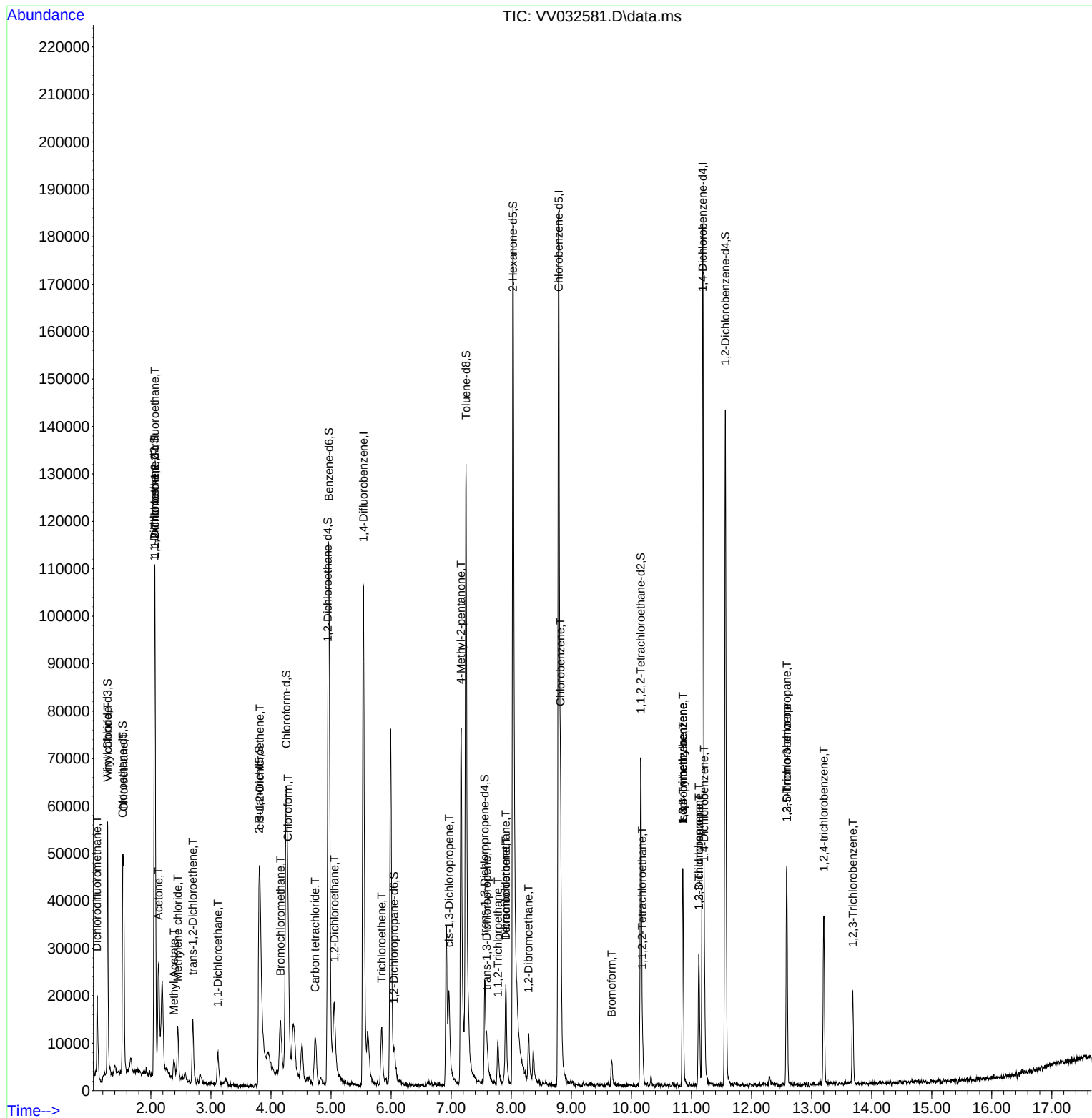
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| 45) 1,1,2-Trichloroethane     | 7.776  | 97   | 3044     | 0.446 | ug/L   | 95       |
| 47) Tetrachloroethene         | 7.908  | 164  | 4982     | 0.665 | ug/L   | 97       |
| 49) Dibromochloromethane      | 7.908  | 129  | 4822     | 0.678 | ug/L # | 8        |
| 50) 1,2-Dibromoethane         | 8.288  | 107  | 7091     | 1.098 | ug/L # | 89       |
| 51) Chlorobenzene             | 8.818  | 112  | 31761    | 1.279 | ug/L   | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 10.181 | 83   | 3392     | 0.452 | ug/L # | 95       |
| 59) Bromoform                 | 9.670  | 173  | 2506     | 0.762 | ug/L # | 94       |
| 60) Isopropylbenzene          | 10.857 | 105  | 24073    | 0.685 | ug/L # | 78       |
| 61) 1,2,3-Trichloropropane    | 11.123 | 75   | 3651     | 0.759 | ug/L # | 27       |
| 62) 1,3,5-Trimethylbenzene    | 10.857 | 105  | 24073    | 0.841 | ug/L   | 90       |
| 63) 1,2,4-Trimethylbenzene    | 10.857 | 105  | 24073    | 0.844 | ug/L   | 97       |
| 64) 1,3-Dichlorobenzene       | 11.123 | 146  | 11216    | 0.668 | ug/L   | 100      |
| 65) 1,4-Dichlorobenzene       | 11.213 | 146  | 7509     | 0.446 | ug/L   | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.586 | 75   | 2414     | 2.455 | ug/L # | 1        |
| 69) 1,3,5-Trichlorobenzene    | 12.586 | 180  | 13169    | 1.071 | ug/L   | 96       |
| 70) 1,2,4-trichlorobenzene    | 13.204 | 180  | 10400    | 0.954 | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.686 | 180  | 5651     | 0.601 | ug/L   | 96       |
| -----                         |        |      |          |       |        |          |

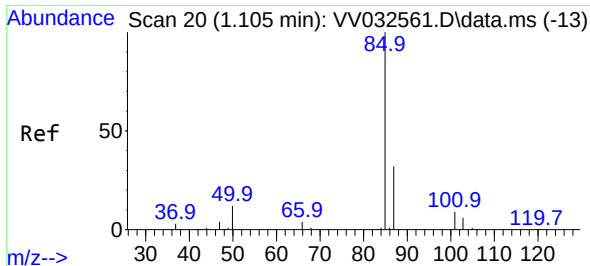
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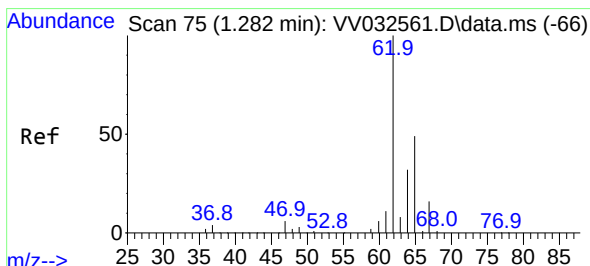
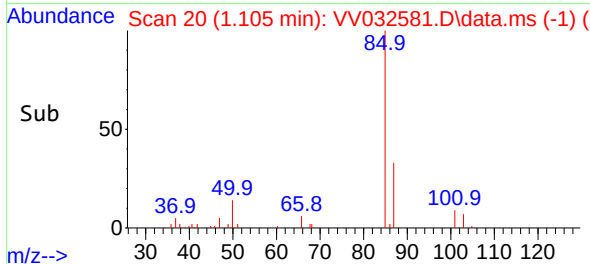
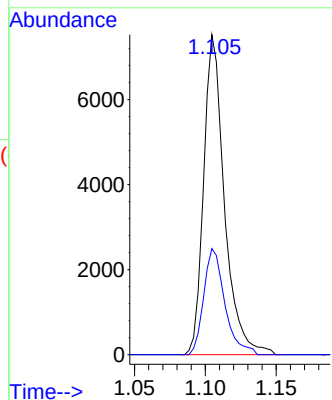
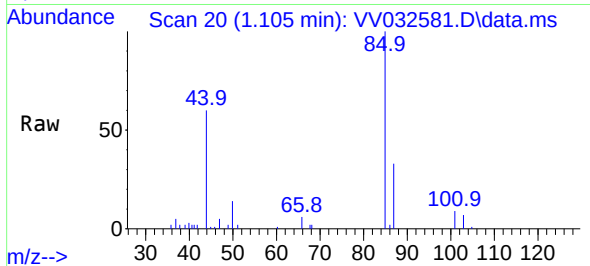




#2  
Dichlorodifluoromethane  
Concen: 0.785 ug/L  
RT: 1.105 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: VV032581.D  
Acq: 23 Oct 2023 19:31

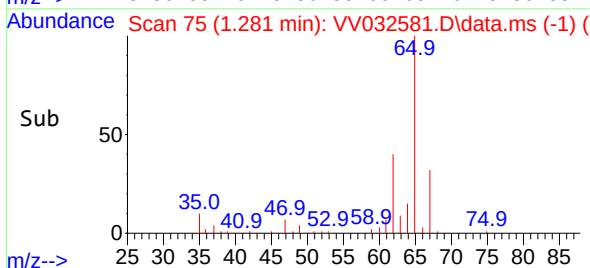
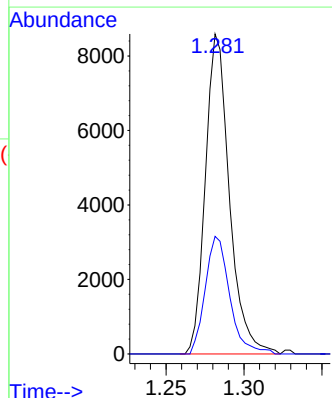
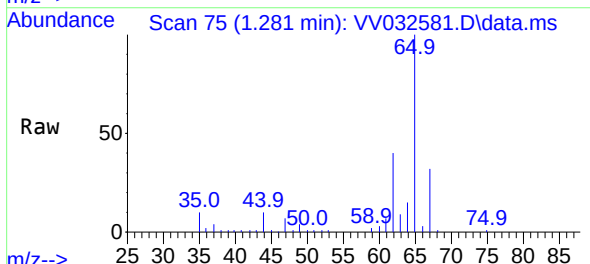
Instrument :  
MSVOA\_V  
ClientSampleId :

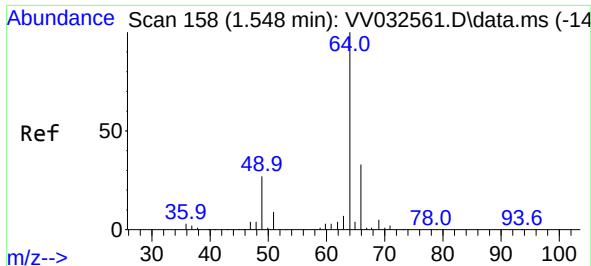
Tgt Ion: 85 Resp: 7674  
Ion Ratio Lower Upper  
85 100  
87 33.7 25.5 38.3



#5  
Vinyl chloride  
Concen: 0.979 ug/L  
RT: 1.281 min Scan# 75  
Delta R.T. -0.000 min  
Lab File: VV032581.D  
Acq: 23 Oct 2023 19:31

Tgt Ion: 62 Resp: 9204  
Ion Ratio Lower Upper  
62 100  
64 36.8 23.1 42.9

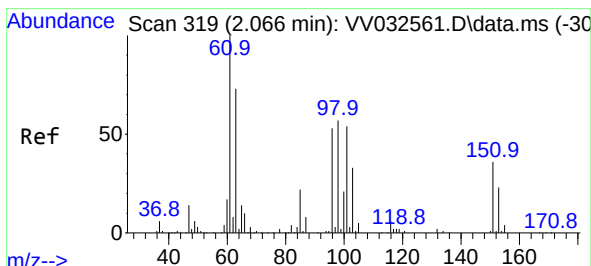
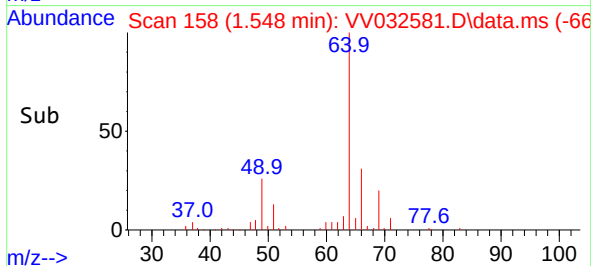
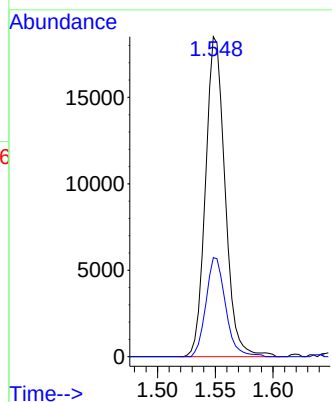
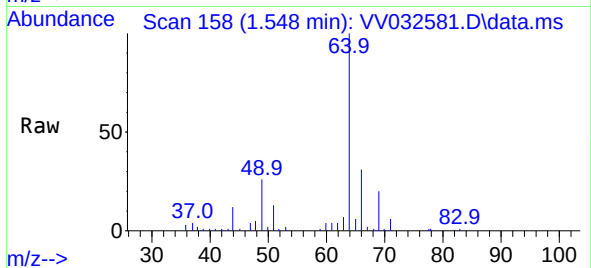




#8  
Chloroethane  
Concen: 3.852 ug/L  
RT: 1.548 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VV032581.D  
Acq: 23 Oct 2023 19:31

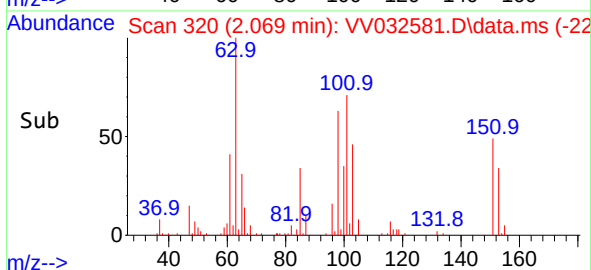
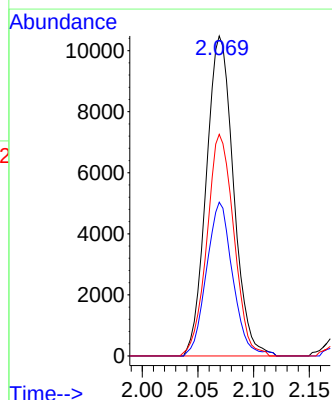
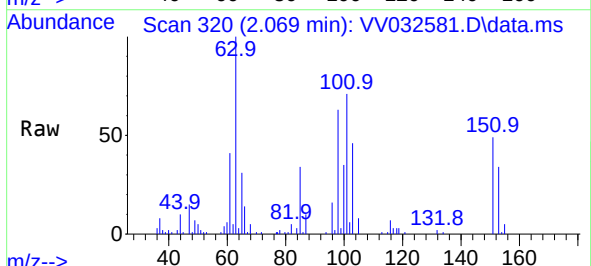
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MSVOA\_V  
ClientSampleId :

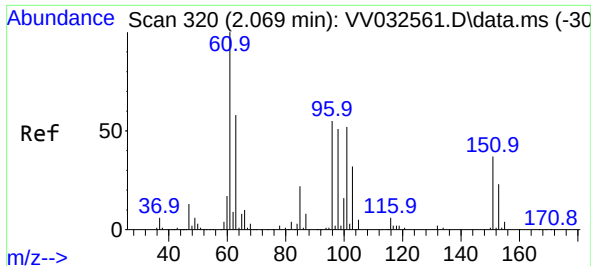
Tgt Ion: 64 Resp: 21797  
Ion Ratio Lower Upper  
64 100  
66 30.9 22.6 42.0



#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 2.611 ug/L  
RT: 2.069 min Scan# 320  
Delta R.T. -0.000 min  
Lab File: VV032581.D  
Acq: 23 Oct 2023 19:31

Tgt Ion:101 Resp: 17834  
Ion Ratio Lower Upper  
101 100  
85 46.3 35.0 52.6  
151 68.5 56.6 84.8





#12

1,1-Dichloroethene

Concen: 0.581 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV032581.D

Acq: 23 Oct 2023 19:31

Instrument :

MSVOA\_V

ClientSampleId :

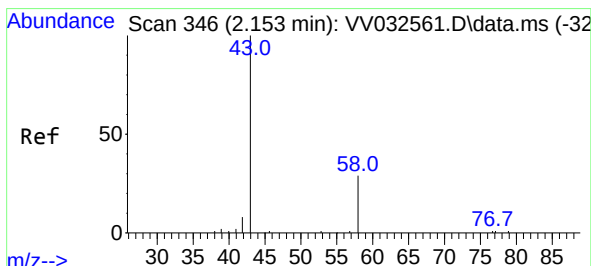
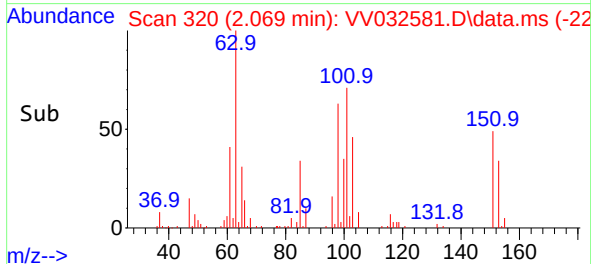
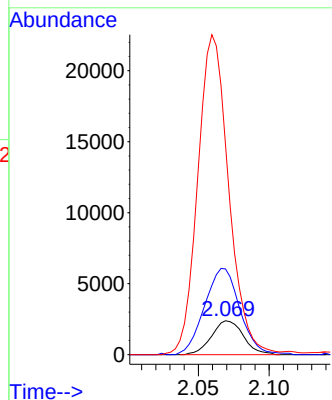
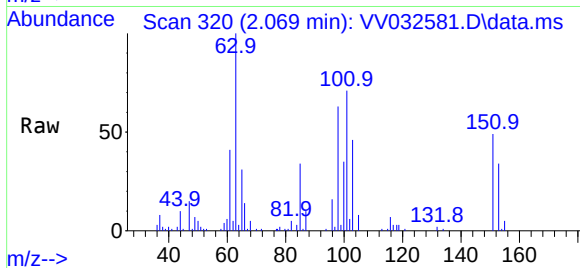
Tgt Ion: 96 Resp: 3740

Ion Ratio Lower Upper

96 100

61 252.3 127.3 236.3#

63 618.4 98.3 182.7#



#13

Acetone

Concen: 26.329 ug/L

RT: 2.127 min Scan# 338

Delta R.T. -0.016 min

Lab File: VV032581.D

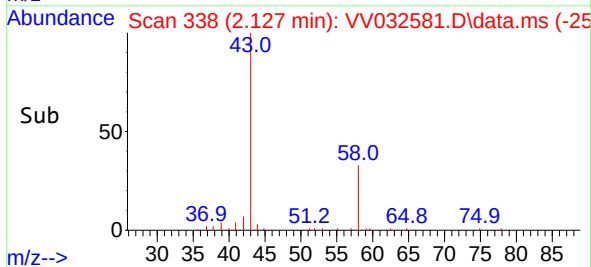
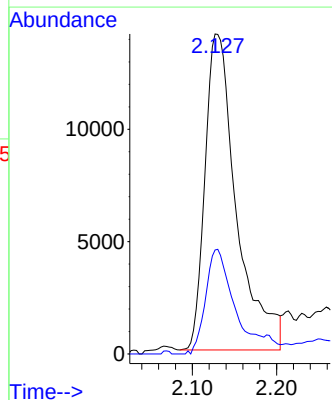
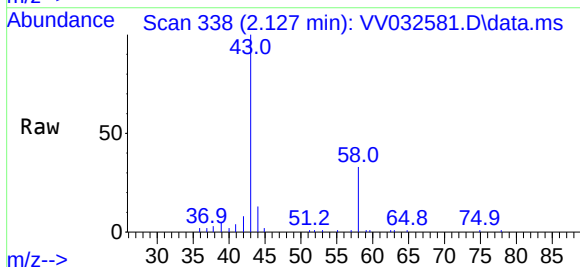
Acq: 23 Oct 2023 19:31

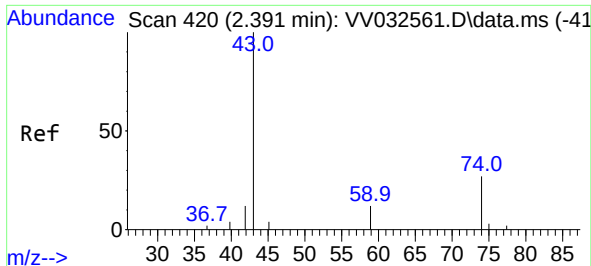
Tgt Ion: 43 Resp: 36621

Ion Ratio Lower Upper

43 100

58 30.0 0.0 66.0

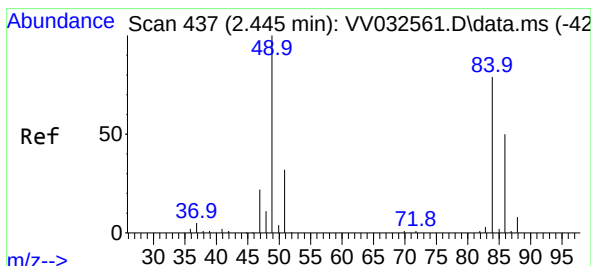
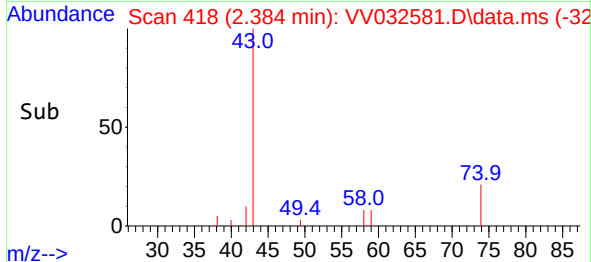
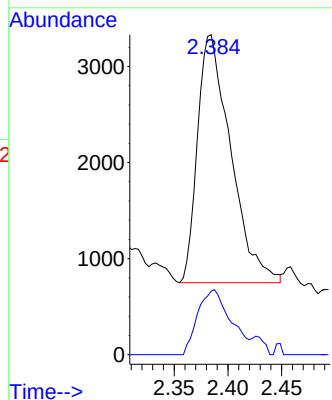
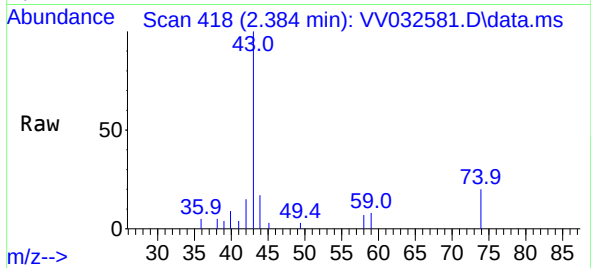




#15  
Methyl Acetate  
Concen: 1.774 ug/L  
RT: 2.384 min Scan# 41  
Delta R.T. -0.003 min  
Lab File: VV032581.D  
Acq: 23 Oct 2023 19:31

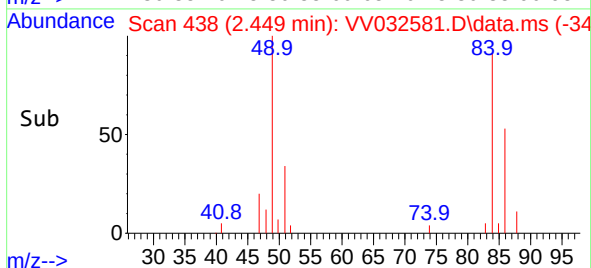
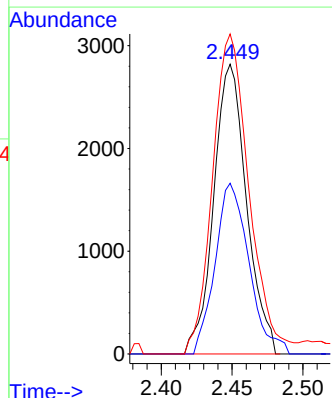
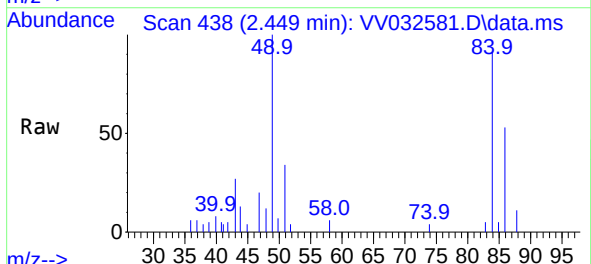
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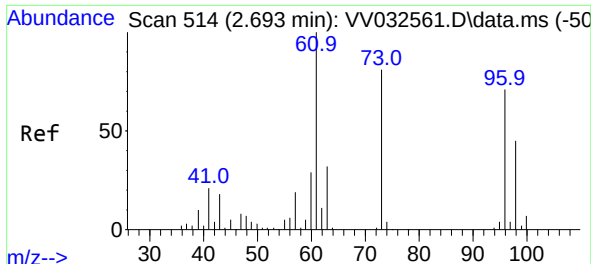
Tgt Ion: 43 Resp: 5555  
Ion Ratio Lower Upper  
43 100  
74 26.0 18.0 27.0



#16  
Methylene chloride  
Concen: 0.542 ug/L  
RT: 2.449 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VV032581.D  
Acq: 23 Oct 2023 19:31

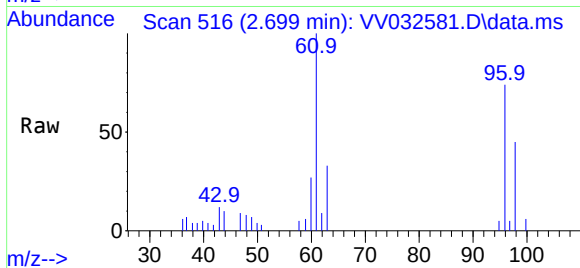
Tgt Ion: 84 Resp: 4547  
Ion Ratio Lower Upper  
84 100  
86 58.9 43.2 80.2  
49 117.6 86.3 160.3



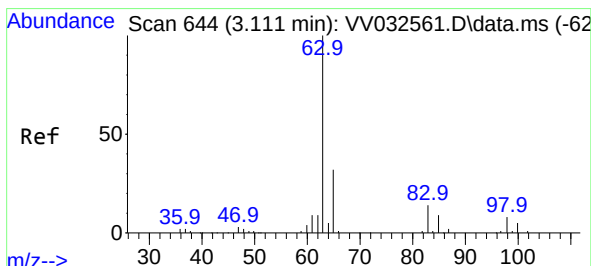
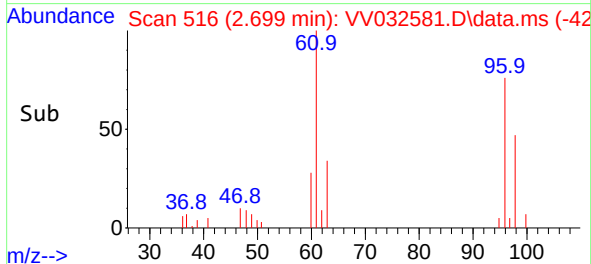
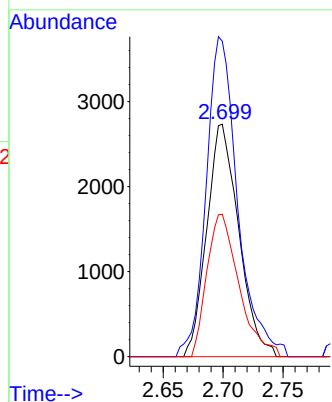


#18  
trans-1,2-Dichloroethene  
Concen: 0.687 ug/L  
RT: 2.699 min Scan# 514  
Delta R.T. 0.003 min  
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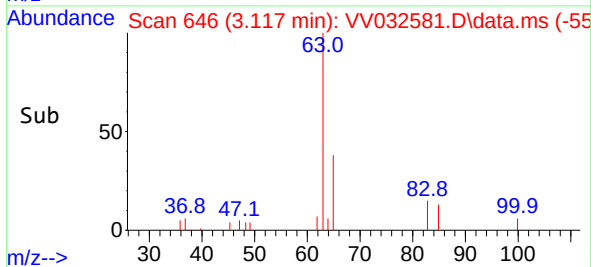
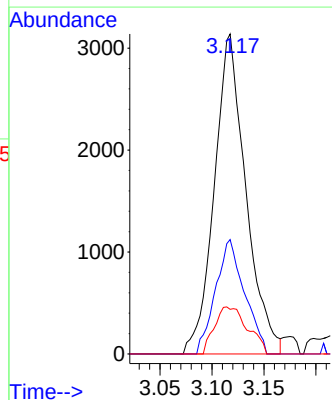
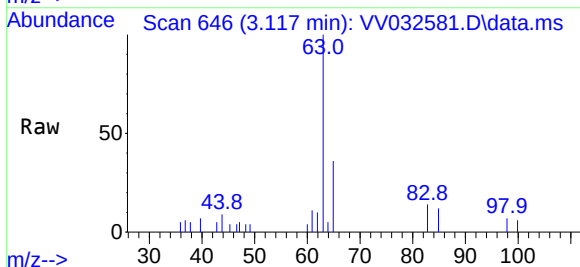


Tgt Ion: 96 Resp: 5064  
Ion Ratio Lower Upper  
96 100  
61 135.7 96.9 180.1  
98 61.3 45.3 84.1

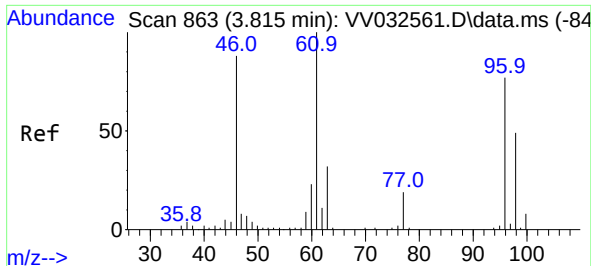


#19  
1,1-Dichloroethane  
Concen: 0.478 ug/L  
RT: 3.117 min Scan# 646  
Delta R.T. 0.003 min  
Lab File: VV032581.D  
Acq: 23 Oct 2023 19:31

Tgt Ion: 63 Resp: 6622  
Ion Ratio Lower Upper  
63 100  
65 35.8 22.3 41.5  
83 14.0 9.0 16.6

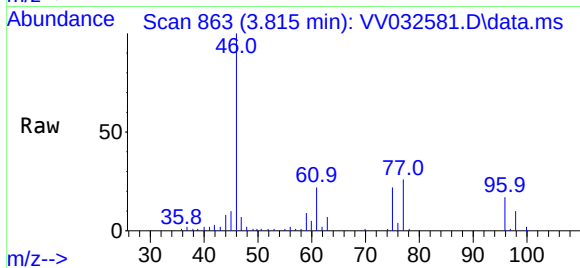






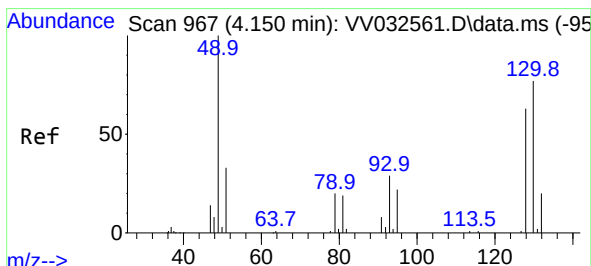
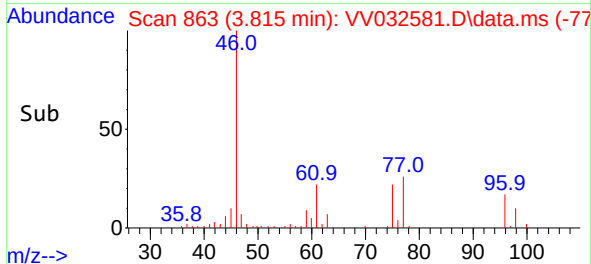
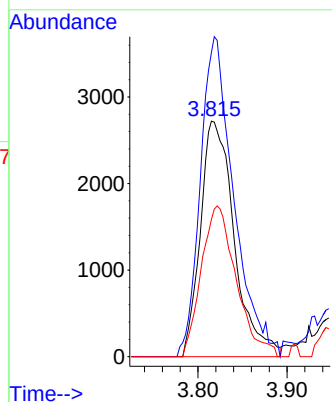
#22  
 cis-1,2-Dichloroethene  
 Concen: 0.905 ug/L  
 RT: 3.815 min Scan# 80  
 Delta R.T. -0.003 min  
 Lab File: VV032581.D  
 Acq: 23 Oct 2023 19:31

Instrument :  
 MSVOA\_V  
 ClientSampleId :



Tgt Ion: 96 Resp: 7182

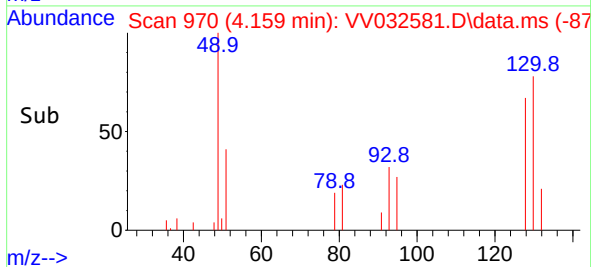
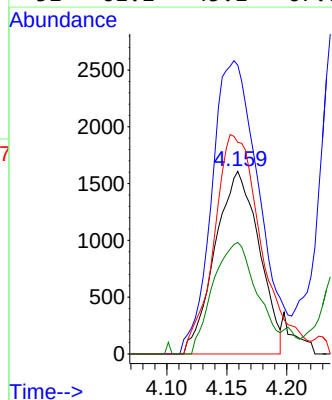
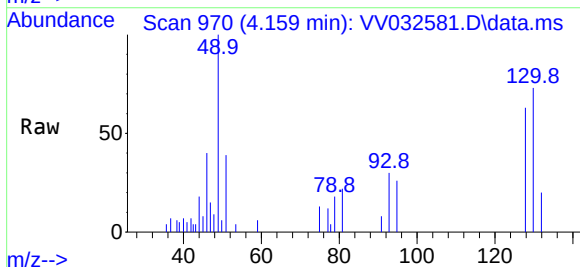
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 129.1 | 85.8  | 159.4 |
| 98  | 58.2  | 44.0  | 81.6  |

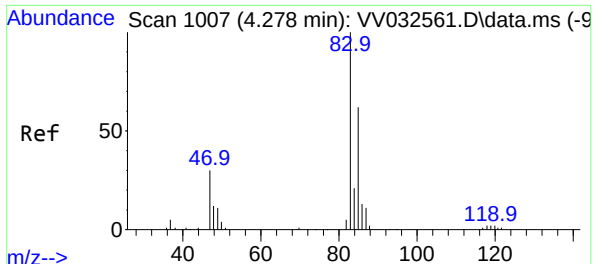


#23  
 Bromochloromethane  
 Concen: 1.230 ug/L  
 RT: 4.159 min Scan# 970  
 Delta R.T. 0.006 min  
 Lab File: VV032581.D  
 Acq: 23 Oct 2023 19:31

Tgt Ion: 128 Resp: 4106

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 49  | 167.0 | 121.2 | 225.0 |
| 130 | 115.9 | 88.2  | 163.8 |
| 51  | 61.1  | 45.1  | 67.7  |





#25

Chloroform

Concen: 2.048 ug/L

RT: 4.281 min Scan# 1007

Delta R.T. -0.000 min

Lab File: VV032581.D

Acq: 23 Oct 2023 19:31

Instrument :

MSVOA\_V

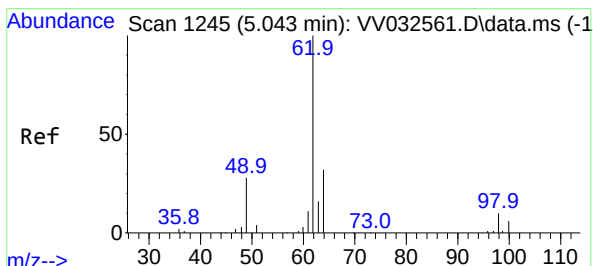
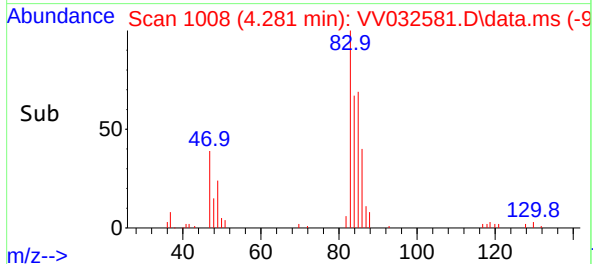
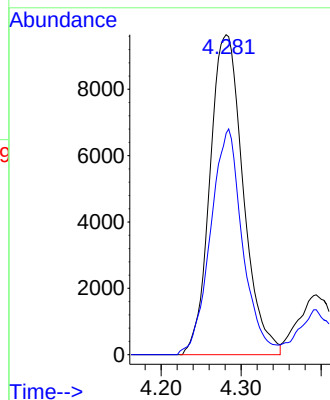
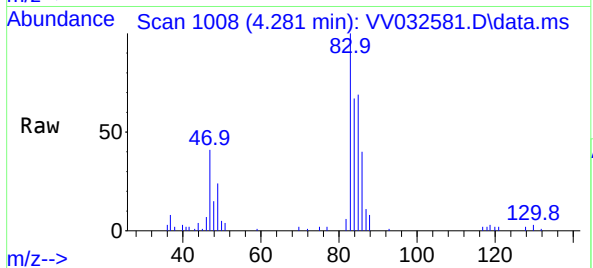
ClientSampleId :

Tgt Ion: 83 Resp: 27858

Ion Ratio Lower Upper

83 100

85 69.1 45.4 84.4



#27

1,2-Dichloroethane

Concen: 0.565 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. 0.010 min

Lab File: VV032581.D

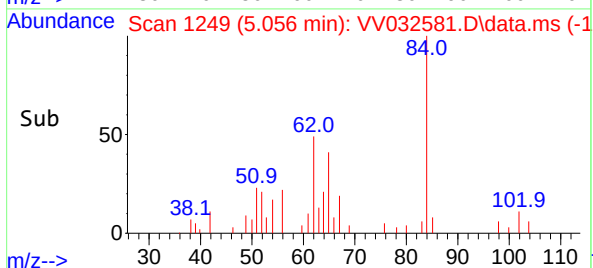
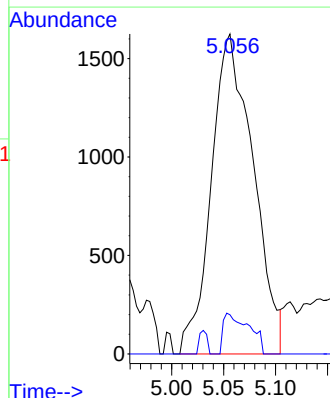
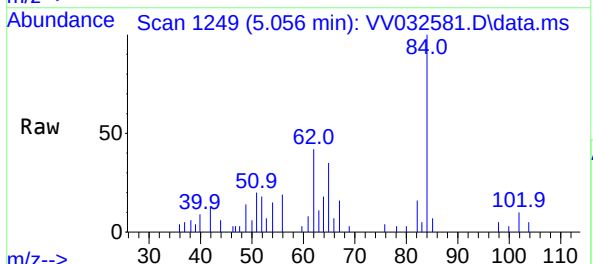
Acq: 23 Oct 2023 19:31

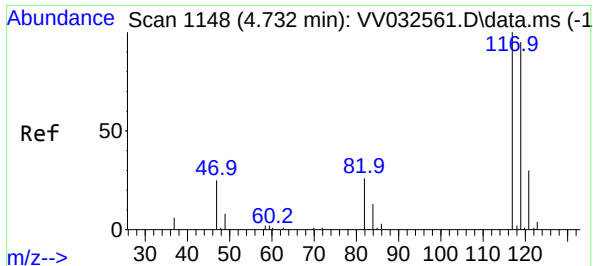
Tgt Ion: 62 Resp: 4542

Ion Ratio Lower Upper

62 100

98 12.2 7.8 11.8#

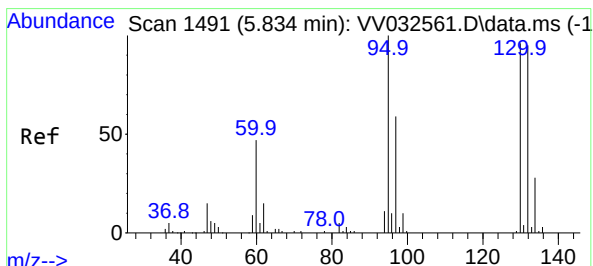
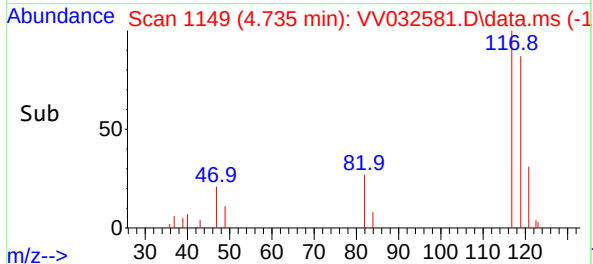
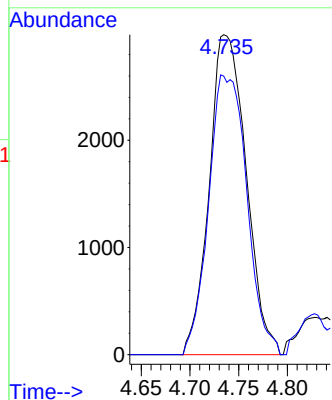
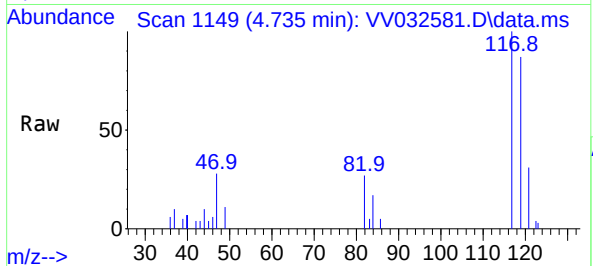




#31  
Carbon tetrachloride  
Concen: 0.665 ug/L  
RT: 4.735 min Scan# 1148  
Delta R.T. -0.006 min  
Lab File: VV032581.D  
Acq: 23 Oct 2023 19:31

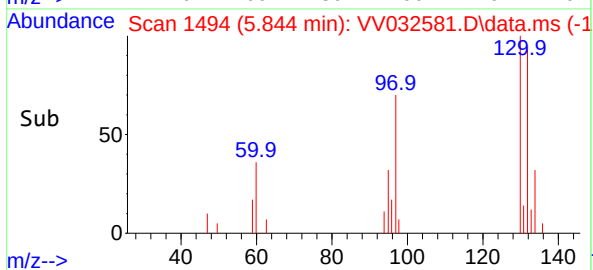
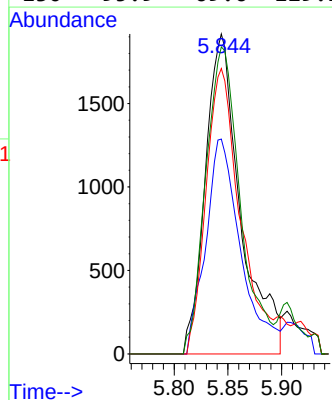
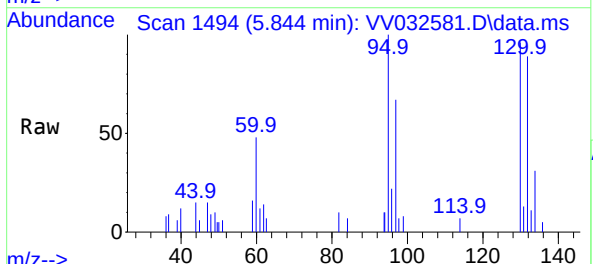
Instrument :  
MSVOA\_V  
ClientSampleId :

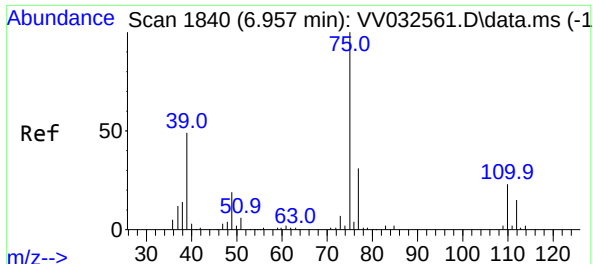
Tgt Ion:117 Resp: 7865  
Ion Ratio Lower Upper  
117 100  
119 90.3 77.6 116.4



#34  
Trichloroethene  
Concen: 0.441 ug/L  
RT: 5.844 min Scan# 1494  
Delta R.T. 0.006 min  
Lab File: VV032581.D  
Acq: 23 Oct 2023 19:31

Tgt Ion: 95 Resp: 4352  
Ion Ratio Lower Upper  
95 100  
97 67.1 45.7 84.9  
132 89.2 70.3 130.5  
130 95.9 69.6 129.2





#39

cis-1,3-Dichloropropene

Concen: 0.946 ug/L

RT: 6.963 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV032581.D

Acq: 23 Oct 2023 19:31

Instrument :

MSVOA\_V

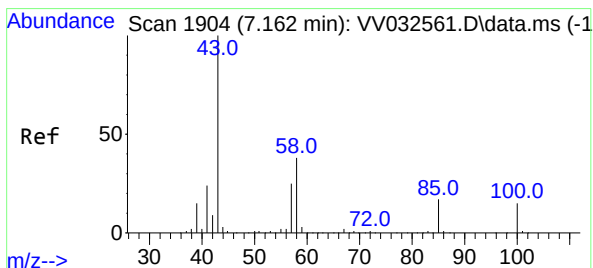
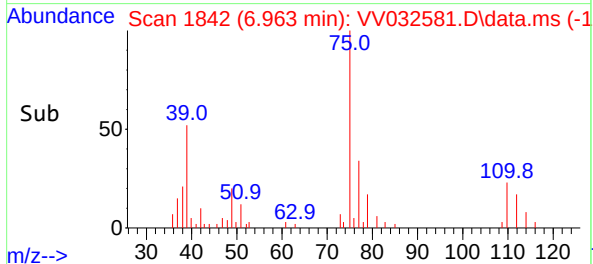
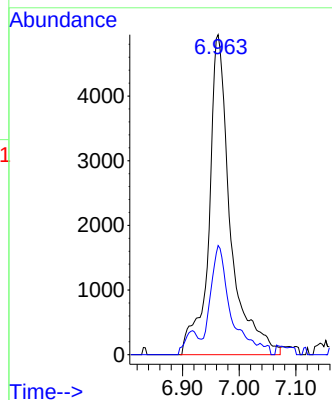
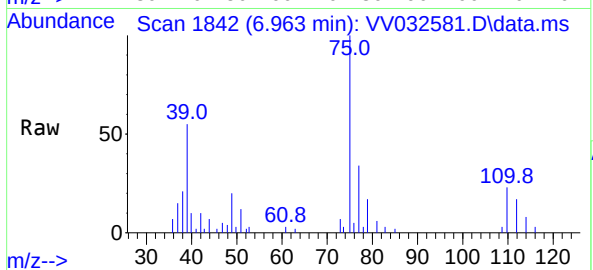
ClientSampleId :

Tgt Ion: 75 Resp: 13026

Ion Ratio Lower Upper

75 100

77 34.1 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 10.207 ug/L

RT: 7.165 min Scan# 1905

Delta R.T. 0.003 min

Lab File: VV032581.D

Acq: 23 Oct 2023 19:31

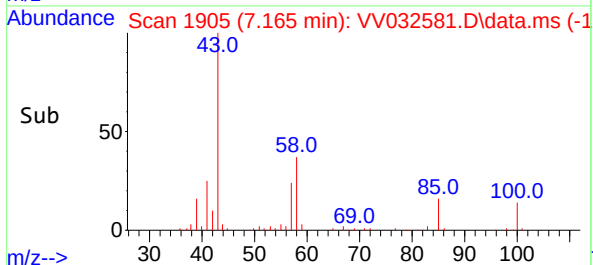
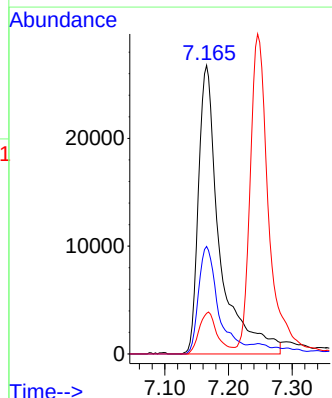
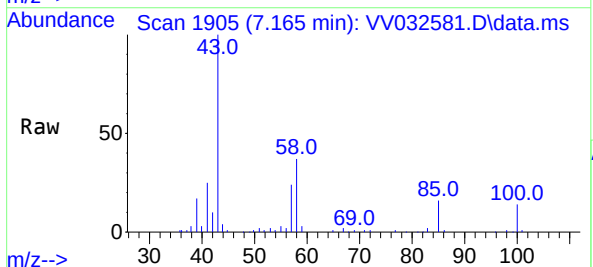
Tgt Ion: 43 Resp: 62508

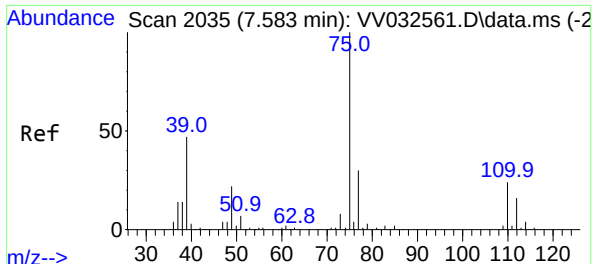
Ion Ratio Lower Upper

43 100

58 34.7 31.9 47.9

100 12.6 11.3 16.9

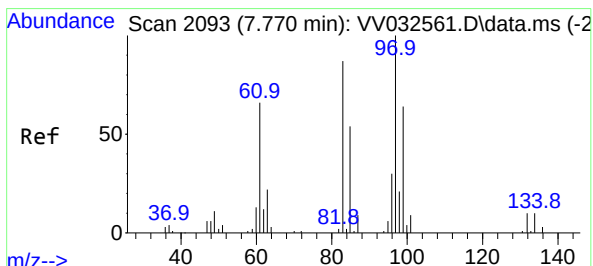
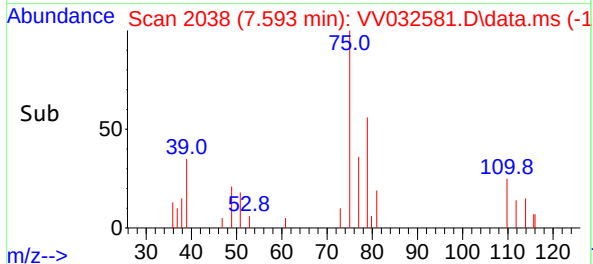
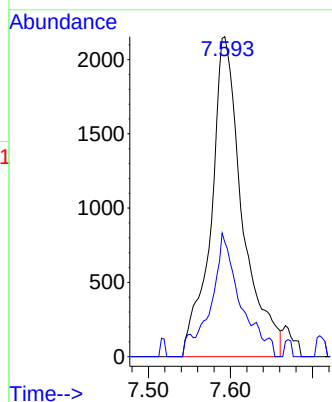
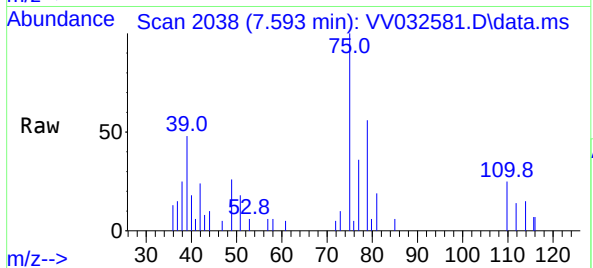




#44  
trans-1,3-Dichloropropene  
Concen: 0.504 ug/L  
RT: 7.593 min Scan# 2038  
Delta R.T. 0.006 min  
Lab File: VV032581.D  
Acq: 23 Oct 2023 19:31

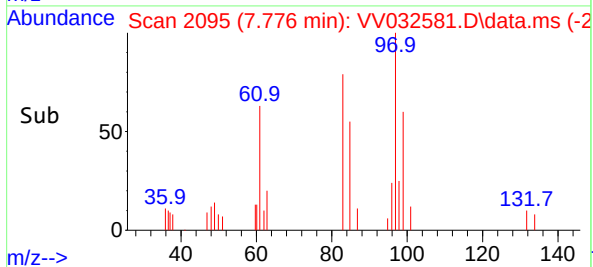
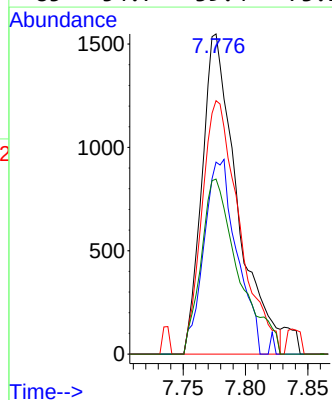
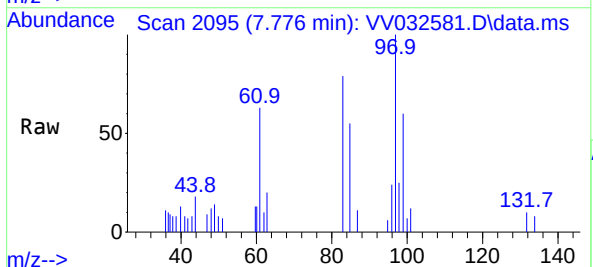
Instrument :  
MSVOA\_V  
ClientSampleId :

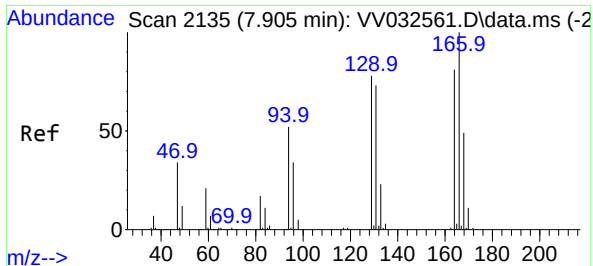
Tgt Ion: 75 Resp: 5701  
Ion Ratio Lower Upper  
75 100  
77 35.7 22.5 41.7



#45  
1,1,2-Trichloroethane  
Concen: 0.446 ug/L  
RT: 7.776 min Scan# 2095  
Delta R.T. 0.003 min  
Lab File: VV032581.D  
Acq: 23 Oct 2023 19:31

Tgt Ion: 97 Resp: 3044  
Ion Ratio Lower Upper  
97 100  
99 60.0 42.8 79.4  
83 79.1 60.9 113.1  
85 54.7 39.4 73.2





#47

Tetrachloroethene

Concen: 0.665 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VV032581.D

Acq: 23 Oct 2023 19:31

Instrument :

MSVOA\_V

ClientSampleId :

Tgt Ion:164 Resp: 4982

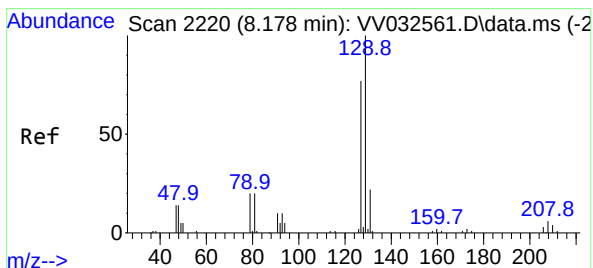
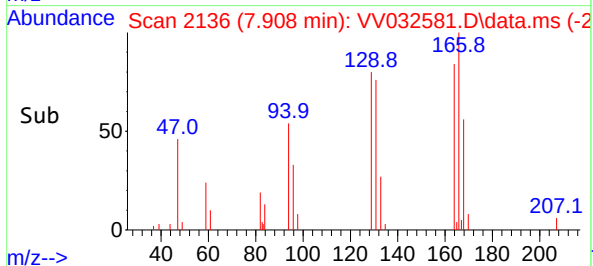
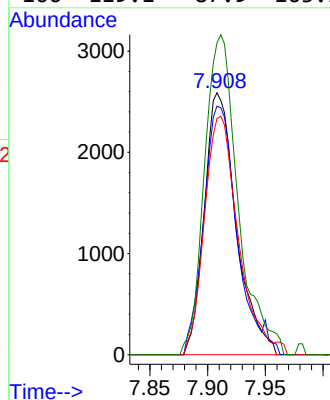
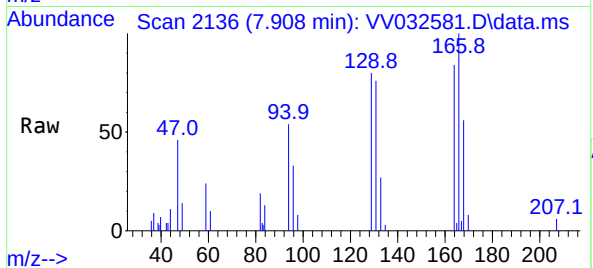
Ion Ratio Lower Upper

164 100

129 94.9 66.4 123.4

131 90.2 63.7 118.3

166 119.1 87.9 163.3



#49

Dibromochloromethane

Concen: 0.678 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.270 min

Lab File: VV032581.D

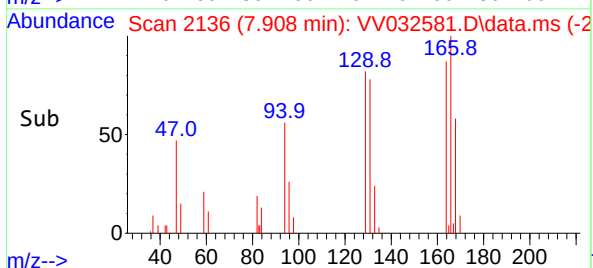
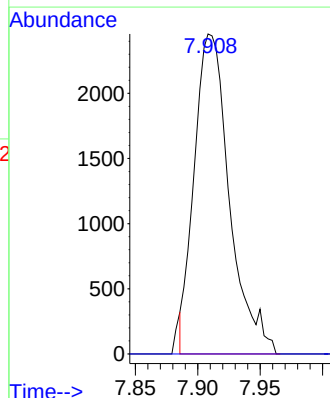
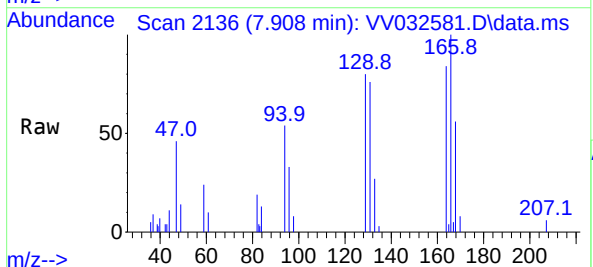
Acq: 23 Oct 2023 19:31

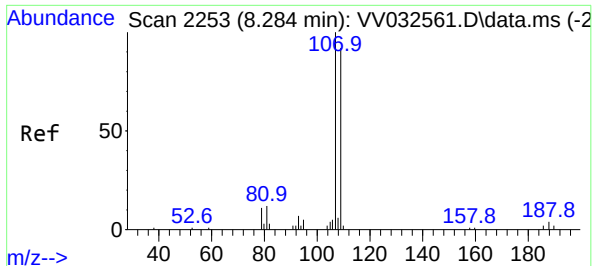
Tgt Ion:129 Resp: 4822

Ion Ratio Lower Upper

129 100

127 0.0 57.2 106.2#

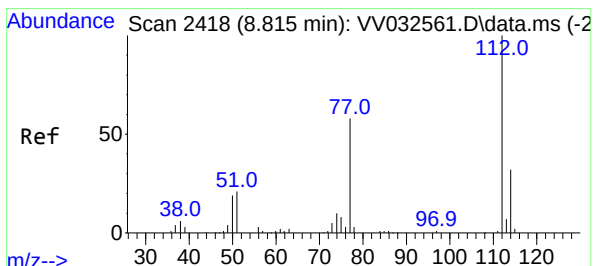
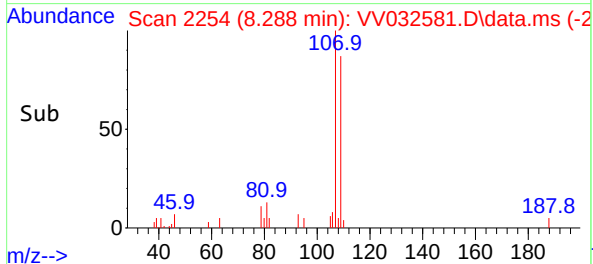
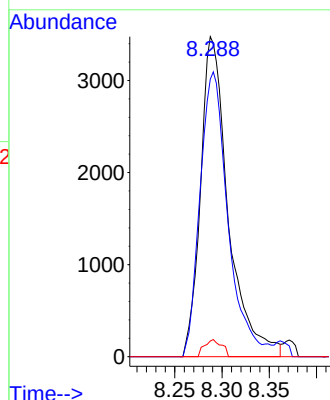
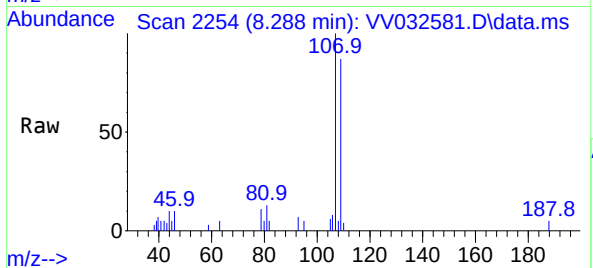




#50  
1,2-Dibromoethane  
Concen: 1.098 ug/L  
RT: 8.288 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VV032581.D  
Acq: 23 Oct 2023 19:31

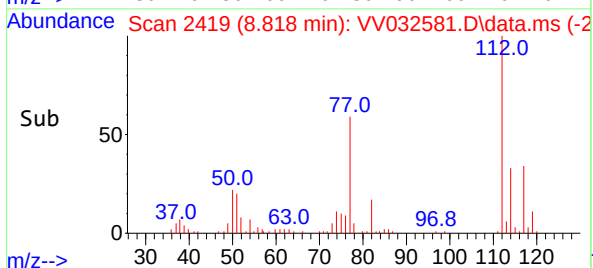
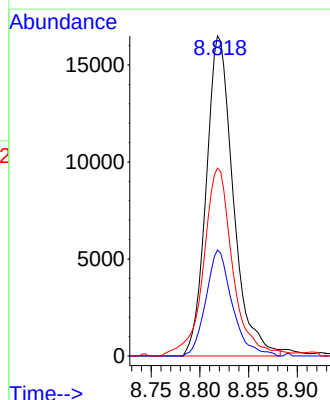
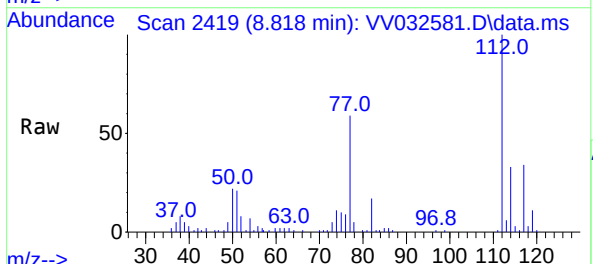
Instrument :  
MSVOA\_V  
ClientSampleId :

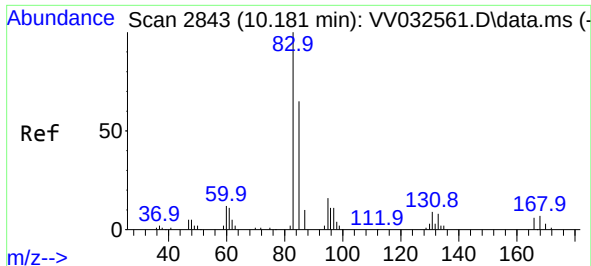
Tgt Ion:107 Resp: 7091  
Ion Ratio Lower Upper  
107 100  
109 86.7 68.4 127.0  
188 4.9 3.2 4.8#



#51  
Chlorobenzene  
Concen: 1.279 ug/L  
RT: 8.818 min Scan# 2419  
Delta R.T. -0.000 min  
Lab File: VV032581.D  
Acq: 23 Oct 2023 19:31

Tgt Ion:112 Resp: 31761  
Ion Ratio Lower Upper  
112 100  
114 33.1 22.1 41.1  
77 58.7 46.1 69.1





#57

1,1,2,2-Tetrachloroethane

Concen: 0.452 ug/L

RT: 10.181 min Scan# 2843

Delta R.T. -0.000 min

Lab File: VV032581.D

Acq: 23 Oct 2023 19:31

Instrument :

MSVOA\_V

ClientSampleId :

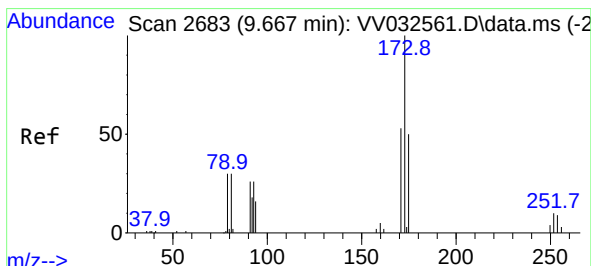
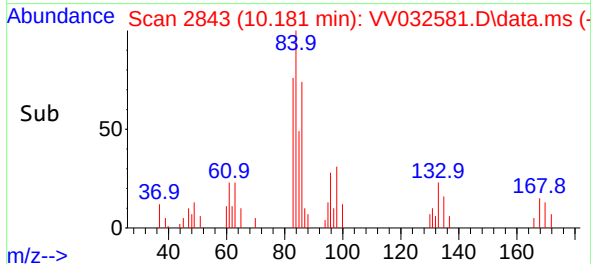
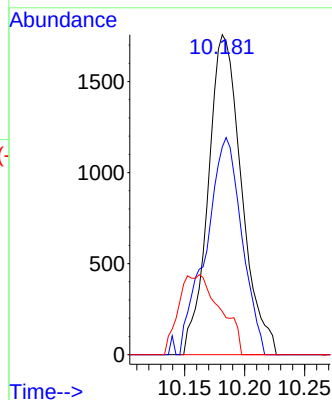
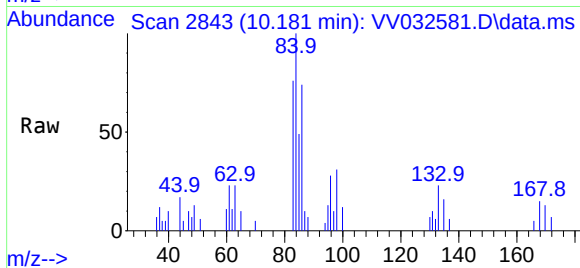
Tgt Ion: 83 Resp: 3392

Ion Ratio Lower Upper

83 100

85 64.9 43.6 81.0

131 13.5 7.0 10.6#



#59

Bromoform

Concen: 0.762 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. 0.003 min

Lab File: VV032581.D

Acq: 23 Oct 2023 19:31

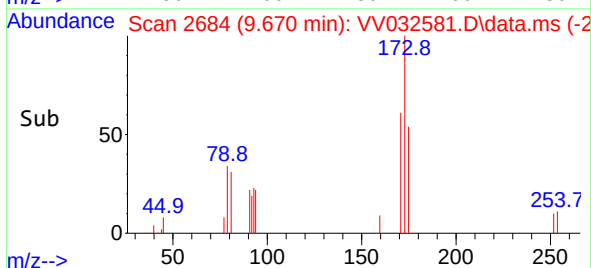
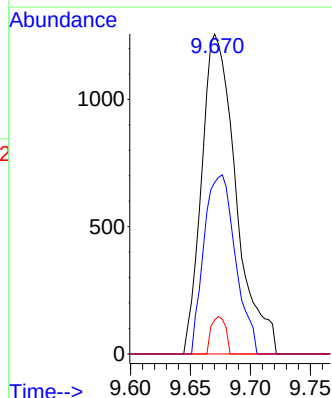
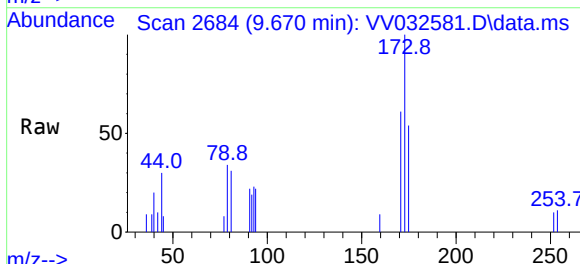
Tgt Ion: 173 Resp: 2506

Ion Ratio Lower Upper

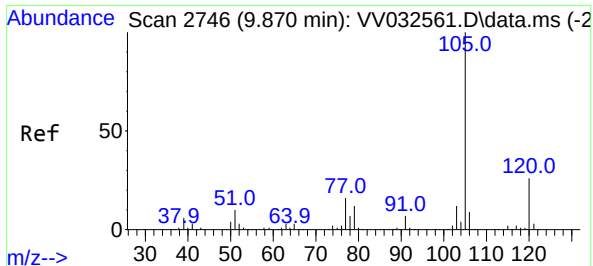
173 100

175 51.0 38.2 57.2

254 4.8 7.0 10.4#



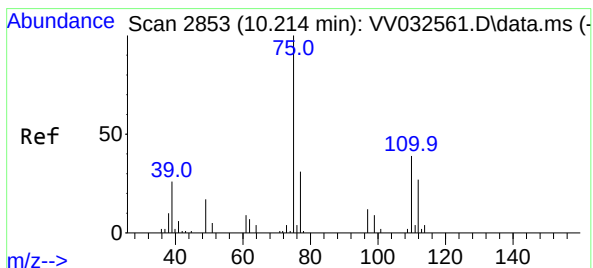
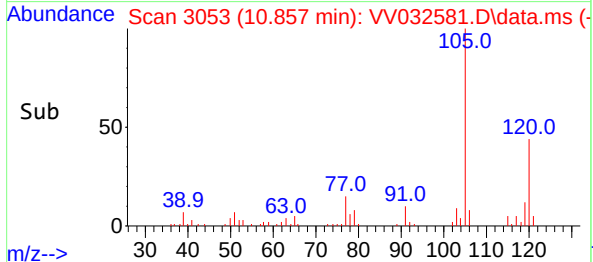
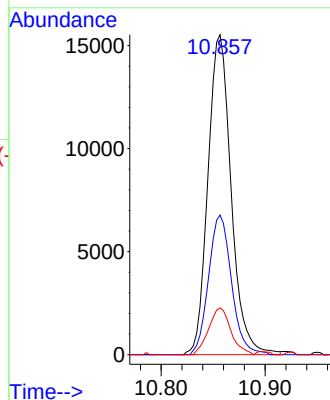
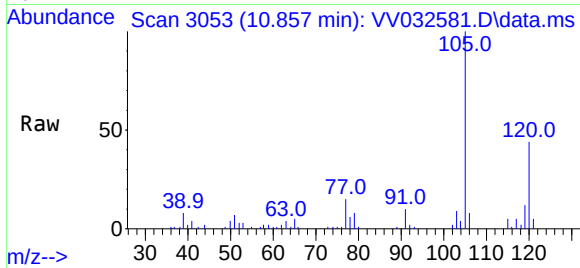




#60  
Isopropylbenzene  
Concen: 0.685 ug/L  
RT: 10.857 min Scan# 3105  
Delta R.T. 0.987 min  
Lab File: VV032581.D  
Acq: 23 Oct 2023 19:31

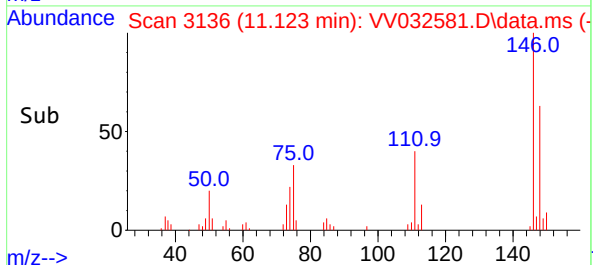
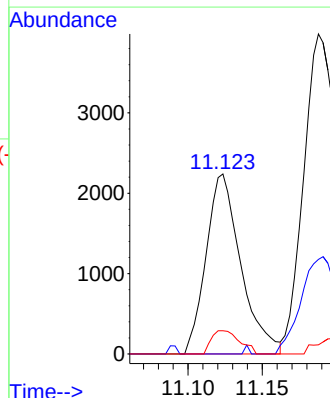
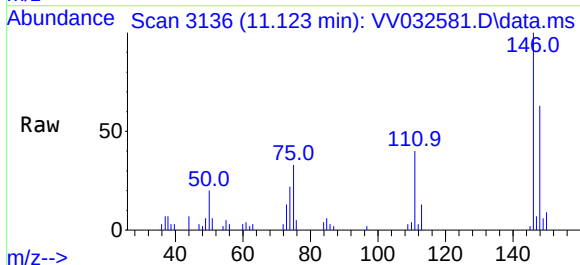
Instrument :  
MSVOA\_V  
ClientSampleId :

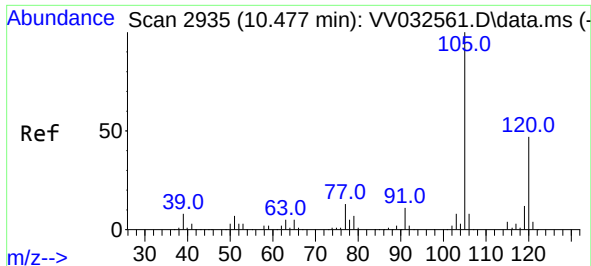
Tgt Ion:105 Resp: 24073  
Ion Ratio Lower Upper  
105 100  
120 43.1 21.0 31.6#  
77 14.0 12.6 19.0



#61  
1,2,3-Trichloropropane  
Concen: 0.759 ug/L  
RT: 11.123 min Scan# 3136  
Delta R.T. 0.910 min  
Lab File: VV032581.D  
Acq: 23 Oct 2023 19:31

Tgt Ion: 75 Resp: 3651  
Ion Ratio Lower Upper  
75 100  
77 92.2 26.2 39.2#  
110 10.5 30.6 46.0#





#62

1,3,5-Trimethylbenzene

Concen: 0.841 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.376 min

Lab File: VV032581.D

Acq: 23 Oct 2023 19:31

Instrument :

MSVOA\_V

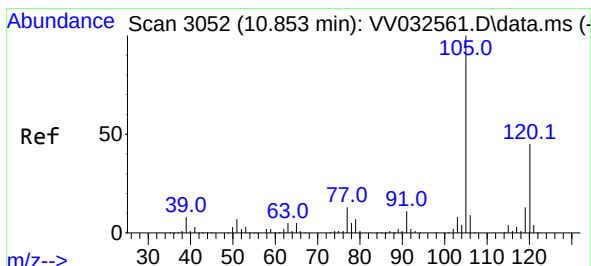
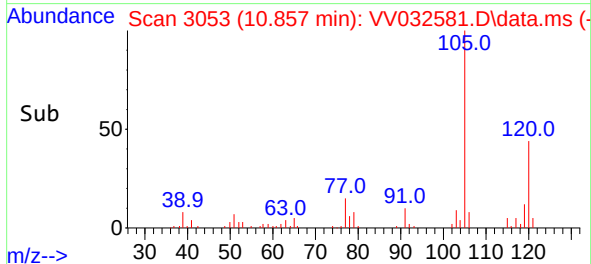
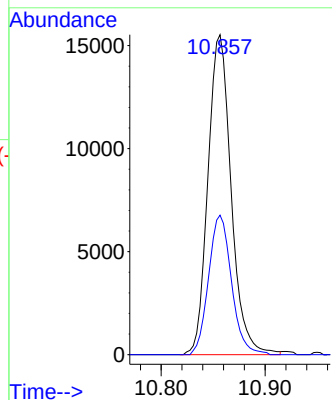
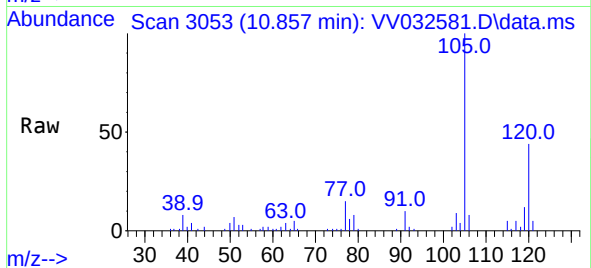
ClientSampleId :

Tgt Ion:105 Resp: 24073

Ion Ratio Lower Upper

105 100

120 43.1 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 0.844 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.003 min

Lab File: VV032581.D

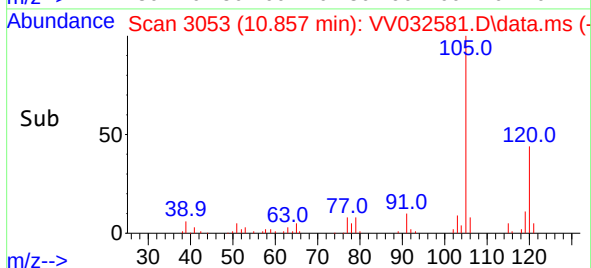
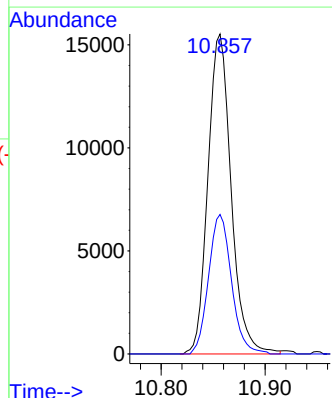
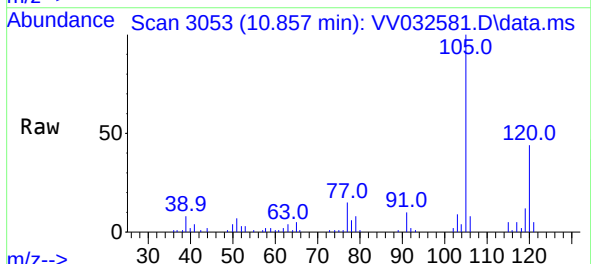
Acq: 23 Oct 2023 19:31

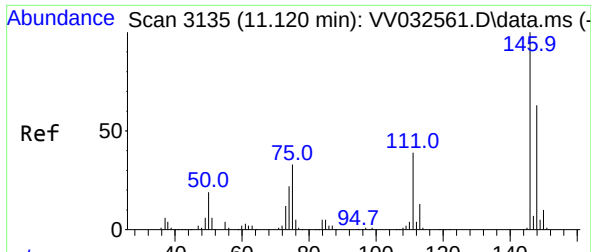
Tgt Ion:105 Resp: 24073

Ion Ratio Lower Upper

105 100

120 43.1 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 0.668 ug/L

RT: 11.123 min Scan# 3135

Delta R.T. 0.003 min

Lab File: VV032581.D

Acq: 23 Oct 2023 19:31

Instrument :

MSVOA\_V

ClientSampleId :

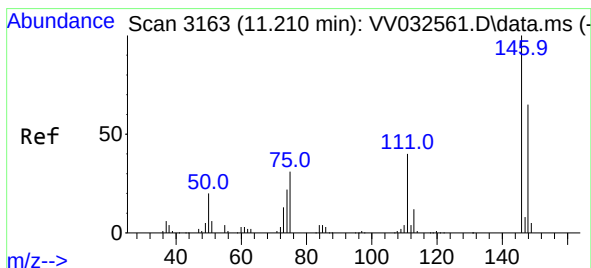
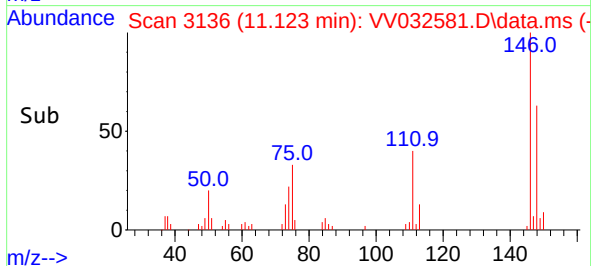
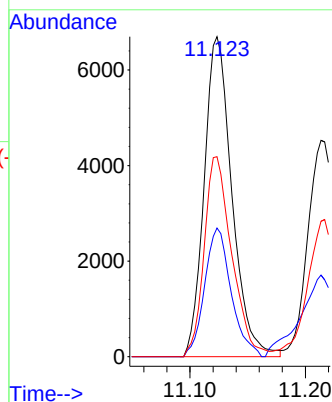
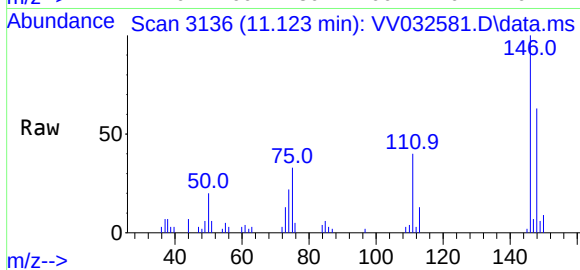
Tgt Ion:146 Resp: 11216

Ion Ratio Lower Upper

146 100

111 40.2 27.8 51.6

148 62.5 43.7 81.1



#65

1,4-Dichlorobenzene

Concen: 0.446 ug/L

RT: 11.213 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VV032581.D

Acq: 23 Oct 2023 19:31

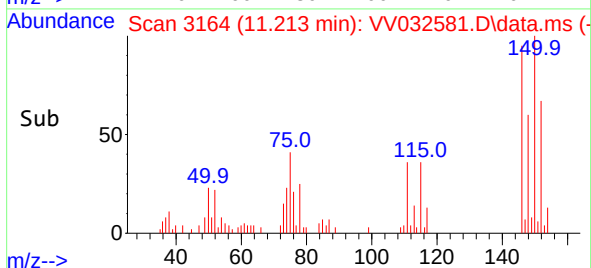
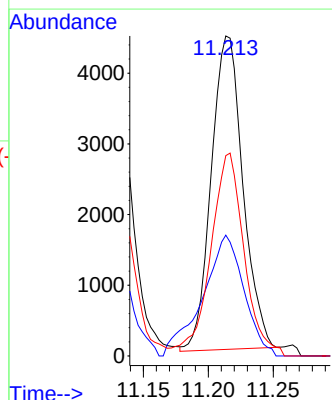
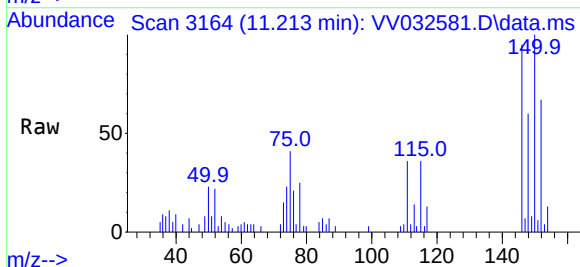
Tgt Ion:146 Resp: 7509

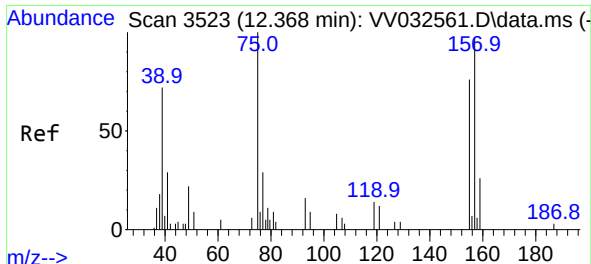
Ion Ratio Lower Upper

146 100

111 37.8 26.9 49.9

148 62.6 44.8 83.2

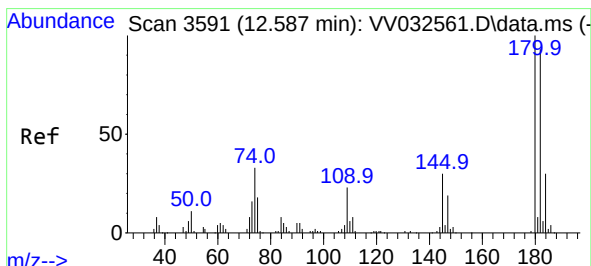
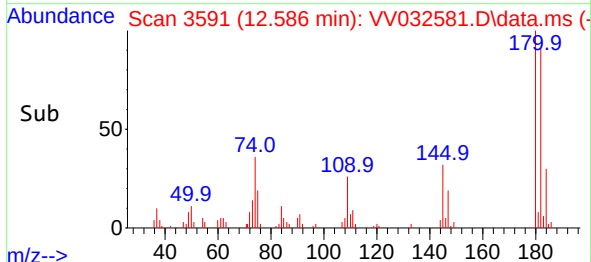
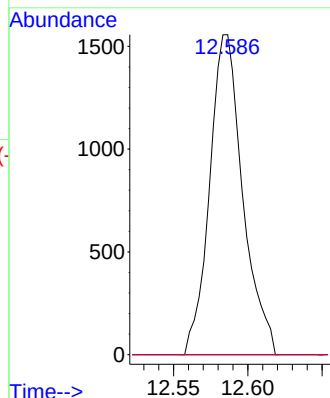
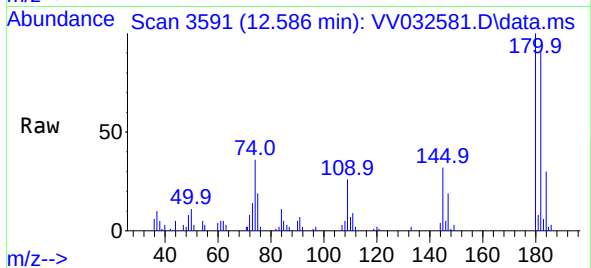




#68  
1,2-Dibromo-3-chloropropane  
Concen: 2.455 ug/L  
RT: 12.586 min Scan# 3591  
Delta R.T. 0.219 min  
Lab File: VV032581.D  
Acq: 23 Oct 2023 19:31

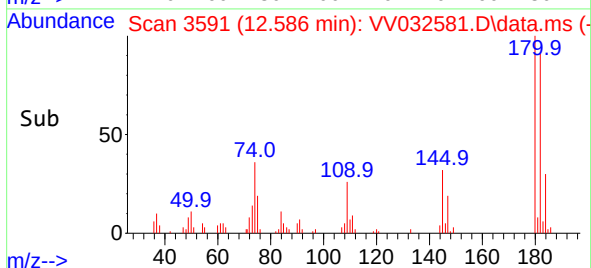
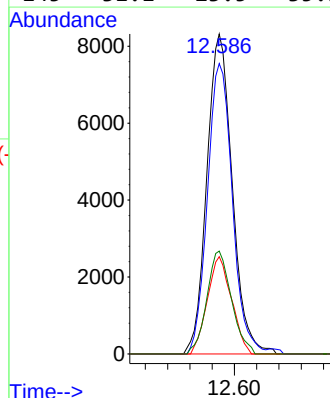
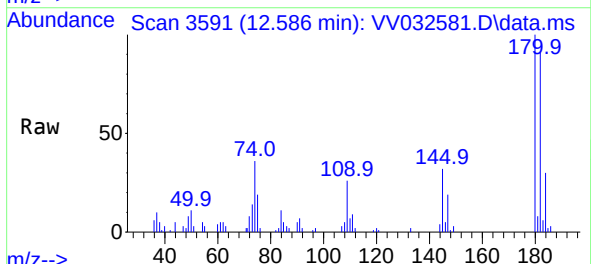
Instrument :  
MSVOA\_V  
ClientSampleId :

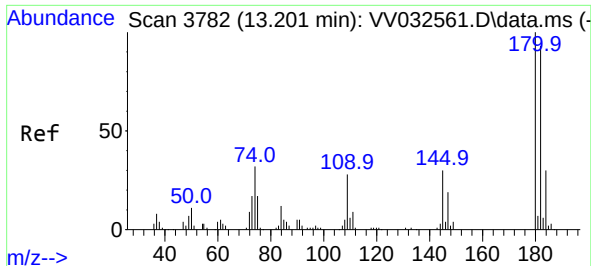
Tgt Ion: 75 Resp: 2414  
Ion Ratio Lower Upper  
75 100  
155 0.0 70.2 105.4#  
157 0.0 90.6 135.8#



#69  
1,3,5-Trichlorobenzene  
Concen: 1.071 ug/L  
RT: 12.586 min Scan# 3591  
Delta R.T. -0.000 min  
Lab File: VV032581.D  
Acq: 23 Oct 2023 19:31

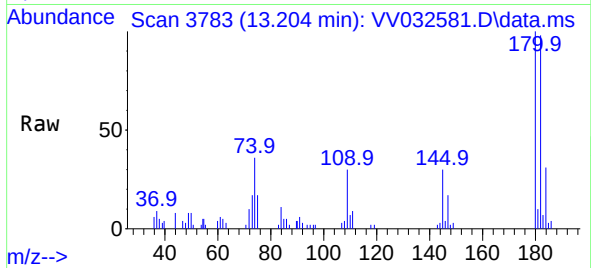
Tgt Ion:180 Resp: 13169  
Ion Ratio Lower Upper  
180 100  
182 89.1 74.6 112.0  
184 28.9 24.1 36.1  
145 31.1 23.5 35.3



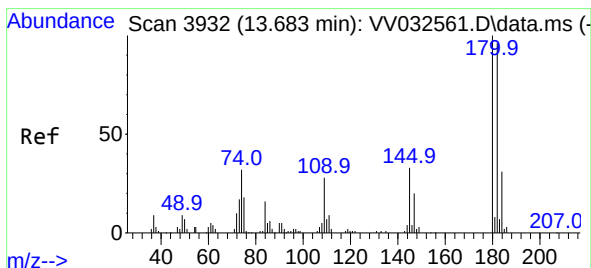
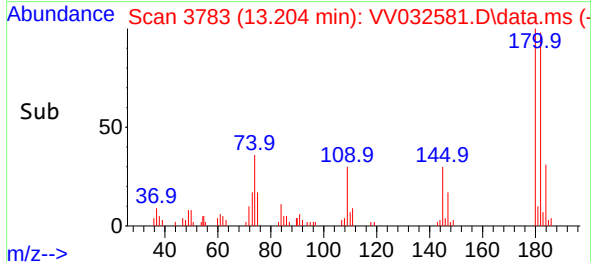
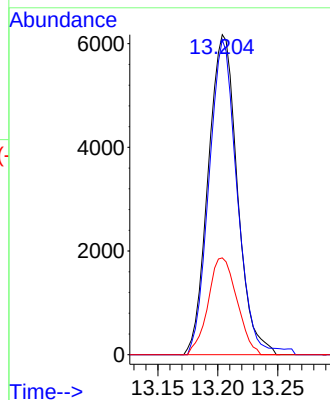


#70  
1,2,4-trichlorobenzene  
Concen: 0.954 ug/L  
RT: 13.204 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VV032581.D  
Acq: 23 Oct 2023 19:31

Instrument :  
MSVOA\_V  
ClientSampleId :



Tgt Ion:180 Resp: 10400  
Ion Ratio Lower Upper  
180 100  
182 95.0 76.5 114.7  
145 30.0 24.3 36.5



#72  
1,2,3-Trichlorobenzene  
Concen: 0.601 ug/L  
RT: 13.686 min Scan# 3933  
Delta R.T. 0.003 min  
Lab File: VV032581.D  
Acq: 23 Oct 2023 19:31

Tgt Ion:180 Resp: 5651  
Ion Ratio Lower Upper  
180 100  
182 91.5 77.0 115.4  
145 30.8 25.7 38.5

