

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW012925\  
 Data File : VW031636.D  
 Acq On : 29 Jan 2025 13:06  
 Operator : SY/MD  
 Sample : Q1189-22DL 4X  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A44X0DL

Quant Time: Jan 30 07:30:52 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011025SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Jan 30 07:28:52 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.837  | 114   | 595037   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 518567   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 251191   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.357  | 65    | 144580   | 15.484   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 61.920%  |
| 7) Chloroethane-d5            | 2.893  | 69    | 116525   | 17.475   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 69.880%  |
| 11) 1,1-Dichloroethene-d2     | 4.015  | 65    | 76698    | 18.462   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 73.840%  |
| 21) 2-Butanone-d5             | 7.087  | 46    | 91429    | 60.913   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 121.820% |
| 24) Chloroform-d              | 7.642  | 84    | 362751   | 23.556   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 94.240%  |
| 26) 1,2-Dichloroethane-d4     | 8.301  | 65    | 192171   | 25.354   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 101.400% |
| 32) Benzene-d6                | 8.270  | 84    | 732421   | 22.485   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 89.960%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 225522   | 23.449   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 93.800%  |
| 41) Toluene-d8                | 10.319 | 98    | 657393   | 22.357   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 89.440%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 92697    | 23.471   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 93.880%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 63503    | 64.702   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 129.400% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.684 | 84    | 174747   | 29.712   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 118.840% |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 210808   | 23.928   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 95.720%  |
|                               |        |       |          |          |        |          |
| Target Compounds              | Qvalue |       |          |          |        |          |
| 12) 1,1-Dichloroethene        | 4.039  | 96    | 104155   | 13.154   | ug/L # | 79       |
| 13) Acetone                   | 4.155  | 43    | 11549    | 9.998    | ug/L # | 63       |
| 16) Methylene chloride        | 4.917  | 84    | 93980    | 11.597   | ug/L   | 93       |
| 17) trans-1,2-Dichloroethene  | 5.423  | 96    | 93368    | 10.979   | ug/L   | 97       |
| 18) Methyl tert-butyl Ether   | 5.423  | 73    | 87776    | 6.437    | ug/L   | 99       |
| 19) 1,1-Dichloroethane        | 6.216  | 63    | 168135   | 10.508   | ug/L   | 99       |
| 20) cis-1,2-Dichloroethene    | 7.161  | 96    | 200041   | 22.031   | ug/L   | 96       |
| 22) 2-Butanone                | 7.179  | 43    | 126798   | 64.269   | ug/L   | 100      |
| 25) Chloroform                | 7.673  | 83    | 277788   | 18.253   | ug/L   | 97       |
| 27) 1,2-Dichloroethane        | 8.398  | 62    | 65124    | 6.948    | ug/L   | 97       |
| 31) Carbon tetrachloride      | 8.069  | 117   | 119151   | 9.983    | ug/L   | 100      |
| 33) Benzene                   | 8.319  | 78    | 343956   | 9.691    | ug/L   | 100      |
| 34) Trichloroethene           | 9.087  | 95    | 87784    | 9.200    | ug/L   | 98       |
| 37) 1,2-Dichloropropane       | 9.361  | 63    | 32304    | 3.621    | ug/L   | 100      |
| 38) Bromodichloromethane      | 9.642  | 83    | 200738   | 18.604   | ug/L   | 99       |
| 39) cis-1,3-Dichloropropene   | 10.069 | 75    | 273519   | 19.492   | ug/L   | 98       |
| 40) 4-Methyl-2-pentanone      | 10.203 | 43    | 122111   | 27.425   | ug/L   | 99       |
| 42) Toluene                   | 10.386 | 91    | 304127   | 8.198    | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene | 10.605 | 75    | 132200   | 11.786   | ug/L   | 99       |

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 Quant Title : SFAM01.0  
 QLast Update : Thu Jan 30 07:28:52 2025  
 Response via : Initial Calibration

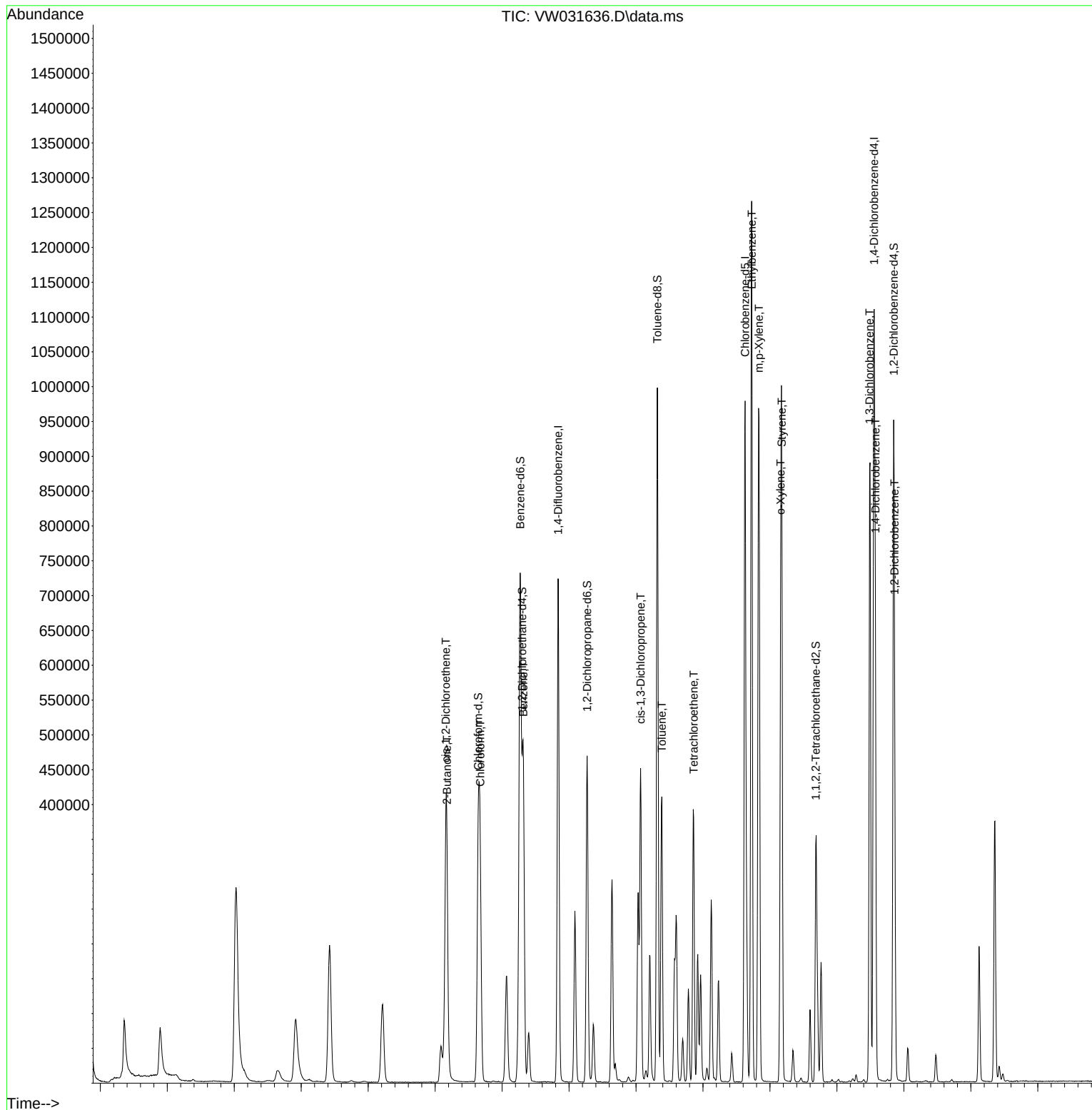
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 10.782 | 97   | 41691    | 7.292  | ug/L  | 93       |
| 46) Tetrachloroethene         | 10.861 | 164  | 82534    | 12.053 | ug/L  | 89       |
| 48) 2-Hexanone                | 10.965 | 43   | 98898    | 36.347 | ug/L  | 99       |
| 49) Dibromochloromethane      | 11.123 | 129  | 137774   | 21.900 | ug/L  | 95       |
| 50) 1,2-Dibromoethane         | 11.233 | 107  | 101001   | 19.060 | ug/L  | 99       |
| 51) Chlorobenzene             | 11.654 | 112  | 96673    | 4.220  | ug/L  | 99       |
| 52) Ethylbenzene              | 11.727 | 91   | 436076   | 10.244 | ug/L  | 100      |
| 53) m,p-Xylene                | 11.837 | 106  | 323069   | 19.905 | ug/L  | 95       |
| 54) o-Xylene                  | 12.160 | 106  | 138326   | 9.170  | ug/L  | 100      |
| 55) Styrene                   | 12.178 | 104  | 367014   | 14.623 | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 12.708 | 83   | 56952    | 9.065  | ug/L  | 99       |
| 59) Bromoform                 | 12.349 | 173  | 19848    | 5.930  | ug/L  | 98       |
| 61) 1,2,3-Trichloropropane    | 12.763 | 75   | 73332    | 15.546 | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 13.489 | 146  | 351892   | 20.219 | ug/L  | 93       |
| 65) 1,4-Dichlorobenzene       | 13.574 | 146  | 242668   | 14.098 | ug/L  | 97       |
| 67) 1,2-Dichlorobenzene       | 13.861 | 146  | 105152   | 7.075  | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 14.476 | 75   | 10874    | 10.311 | ug/L  | 97       |
| 70) 1,2,4-trichlorobenzene    | 15.123 | 180  | 57522    | 6.123  | ug/L  | 98       |

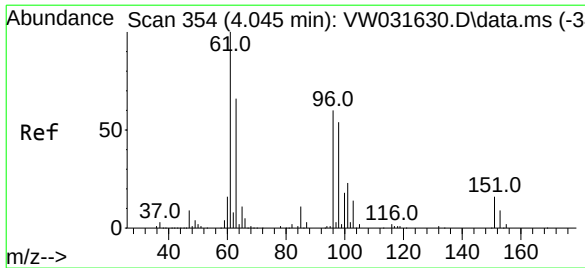
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011025SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Jan 30 07:28:52 2025  
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 13.154 ug/L

RT: 4.039 min Scan# 35

Delta R.T. -0.006 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

Instrument :

MSVOA\_W

ClientSampleId :

A44X0DL

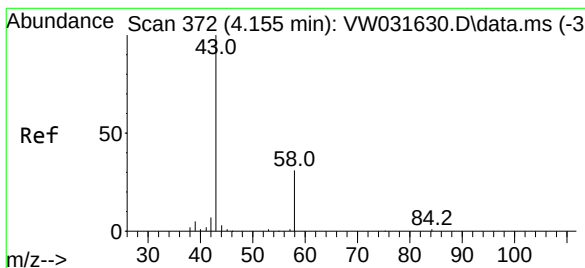
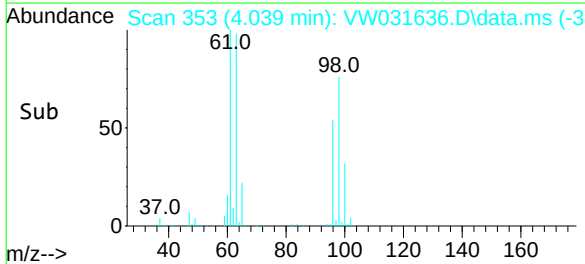
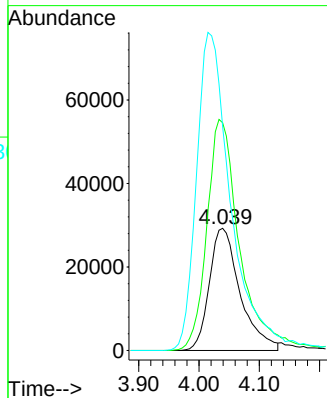
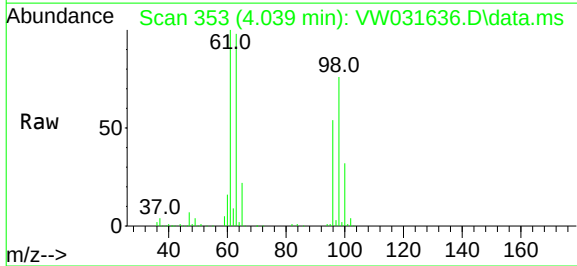
Tgt Ion: 96 Resp: 104155

Ion Ratio Lower Upper

96 100

61 186.4 123.8 230.0

63 183.1 94.1 174.8#



#13

Acetone

Concen: 9.998 ug/L

RT: 4.155 min Scan# 372

Delta R.T. 0.000 min

Lab File: VW031636.D

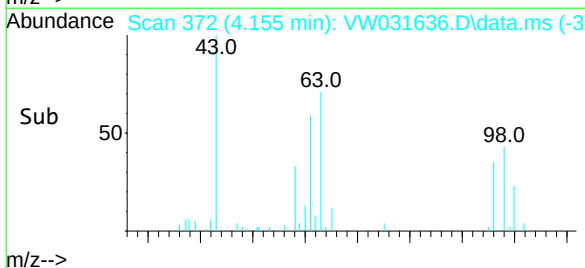
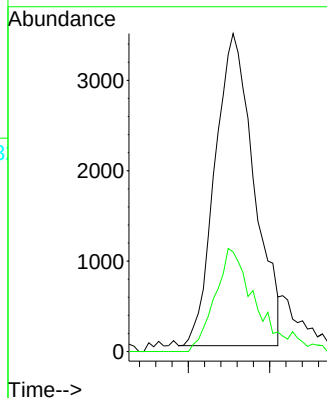
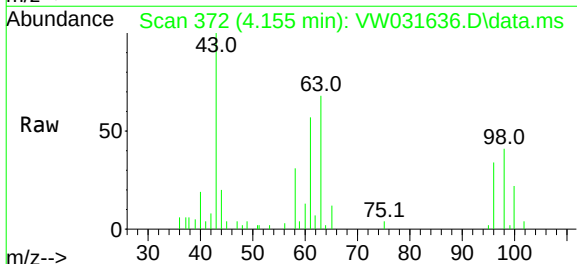
Acq: 29 Jan 2025 13:06

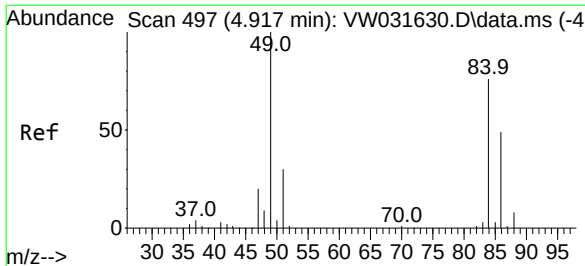
Tgt Ion: 43 Resp: 11549

Ion Ratio Lower Upper

43 100

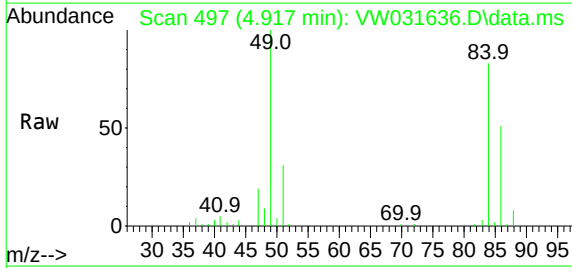
58 29.1 0.0 28.2#



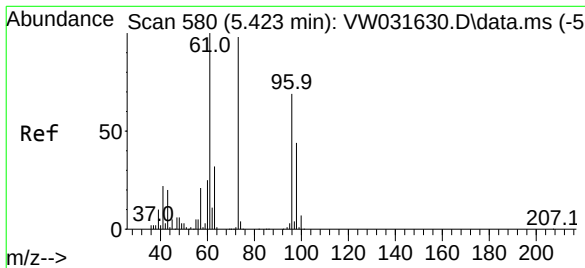
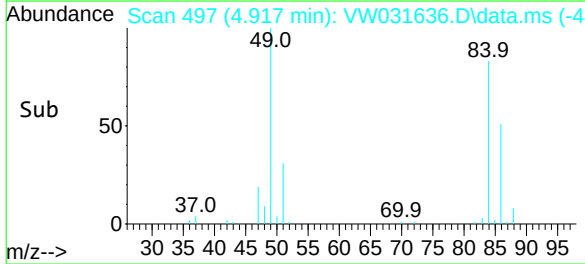
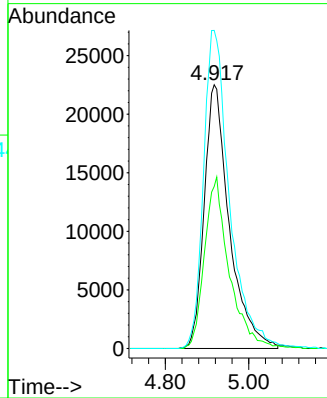


#16  
Methylene chloride  
Concen: 11.597 ug/L  
RT: 4.917 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VW031636.D  
Acq: 29 Jan 2025 13:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
A44X0DL

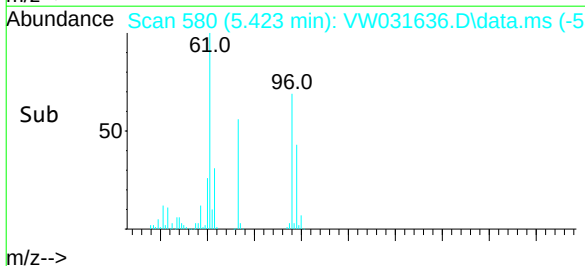
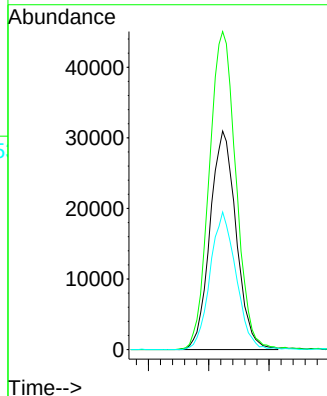
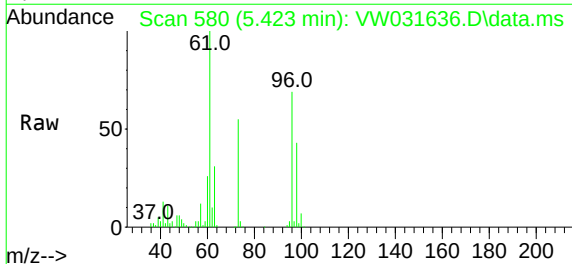


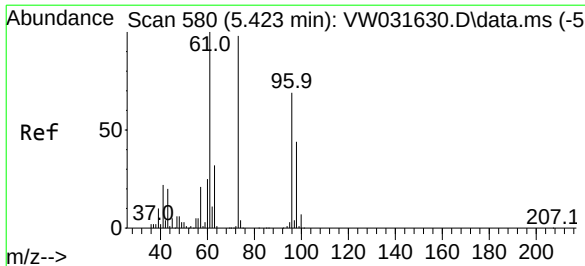
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 86      | 61.4  | 47.0  | 87.2  |
| 49      | 120.6 | 89.8  | 166.8 |



#17  
trans-1,2-Dichloroethene  
Concen: 10.979 ug/L  
RT: 5.423 min Scan# 580  
Delta R.T. 0.000 min  
Lab File: VW031636.D  
Acq: 29 Jan 2025 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 145.5 | 105.1 | 195.1 |
| 98      | 62.9  | 44.9  | 83.3  |





#18

Methyl tert-butyl Ether

Concen: 6.437 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

Instrument :

MSVOA\_W

ClientSampleId :

A44X0DL

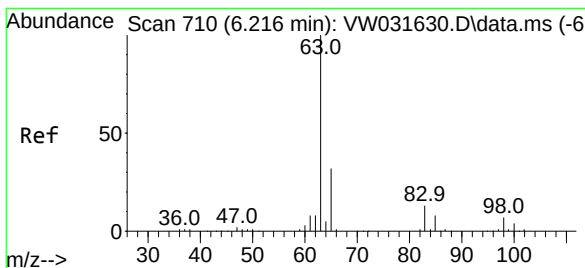
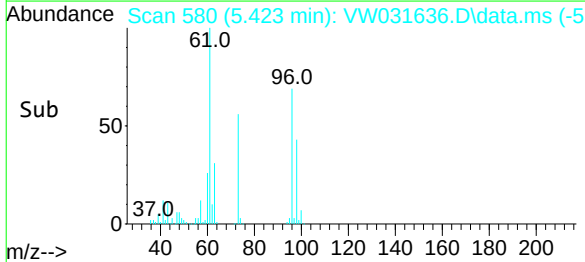
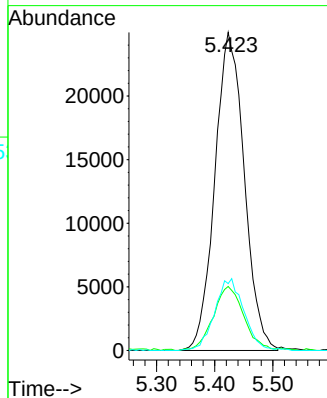
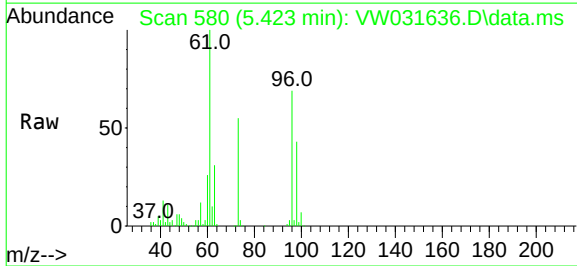
Tgt Ion: 73 Resp: 87776

Ion Ratio Lower Upper

73 100

43 21.0 16.4 24.6

57 22.3 18.2 27.2



#19

1,1-Dichloroethane

Concen: 10.508 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

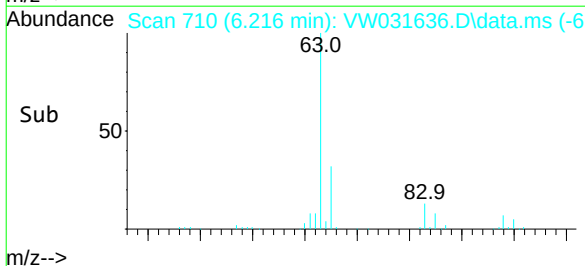
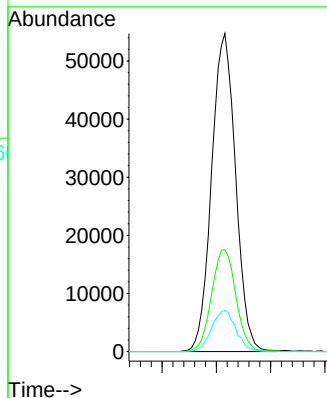
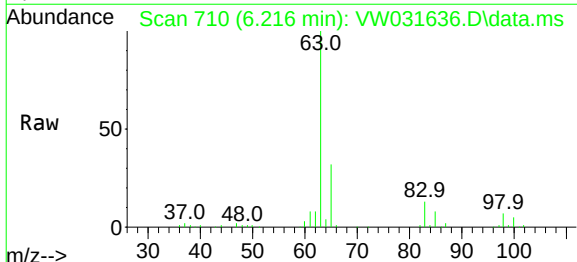
Tgt Ion: 63 Resp: 168135

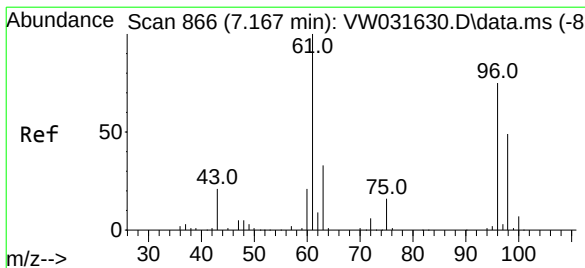
Ion Ratio Lower Upper

63 100

65 32.0 22.0 41.0

83 13.0 9.0 16.6





#20

cis-1,2-Dichloroethene

Concen: 22.031 ug/L

RT: 7.161 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

Instrument :

MSVOA\_W

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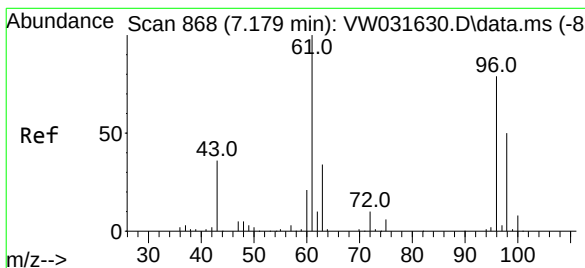
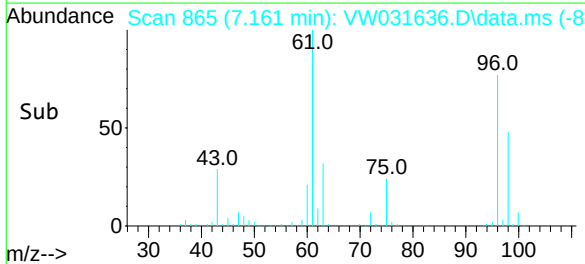
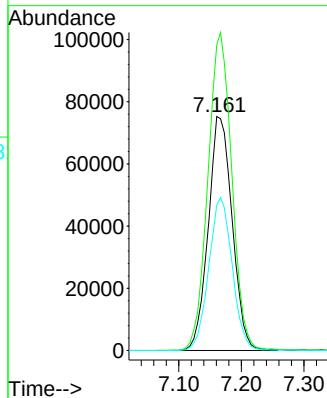
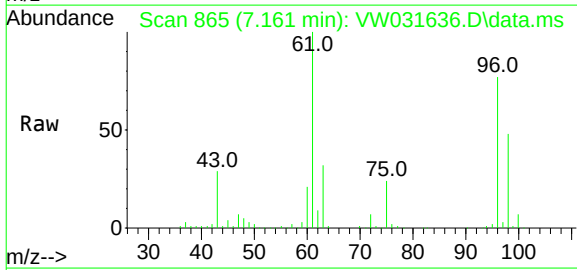
Tgt Ion: 96 Resp: 200041

Ion Ratio Lower Upper

96 100

61 130.6 94.8 176.2

98 62.2 45.6 84.8



#22

2-Butanone

Concen: 64.269 ug/L

RT: 7.179 min Scan# 868

Delta R.T. 0.000 min

Lab File: VW031636.D

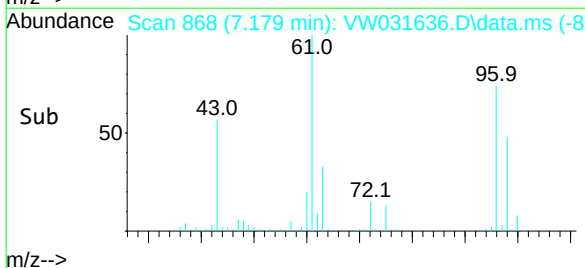
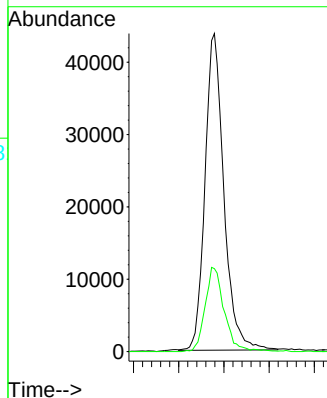
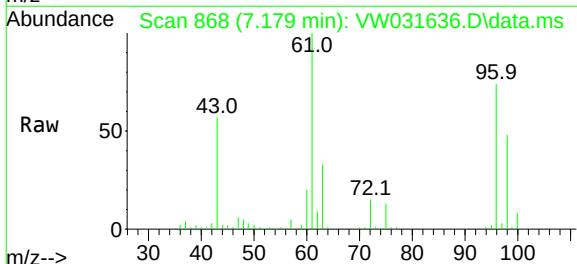
Acq: 29 Jan 2025 13:06

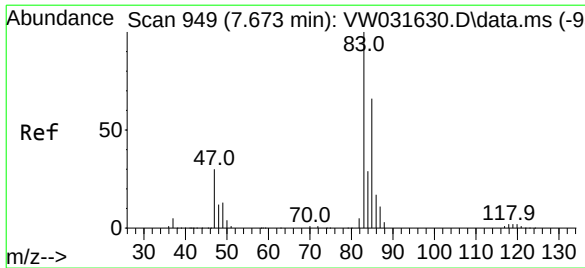
Tgt Ion: 43 Resp: 126798

Ion Ratio Lower Upper

43 100

72 26.0 13.2 39.5





#25

Chloroform

Concen: 18.253 ug/L

RT: 7.673 min Scan# 94

Delta R.T. 0.000 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

Instrument :

MSVOA\_W

ClientSampleId :

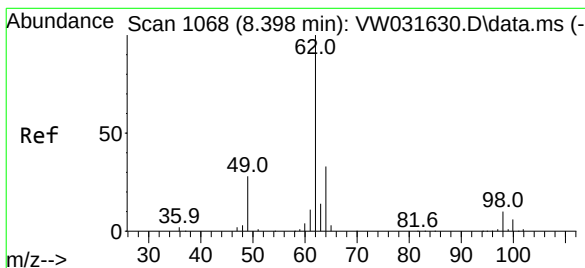
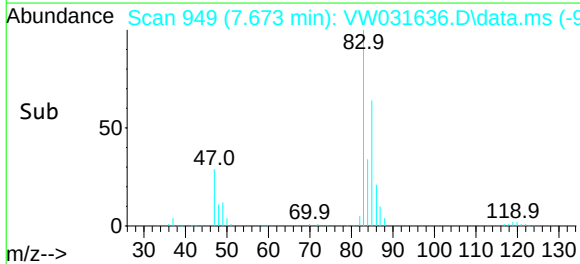
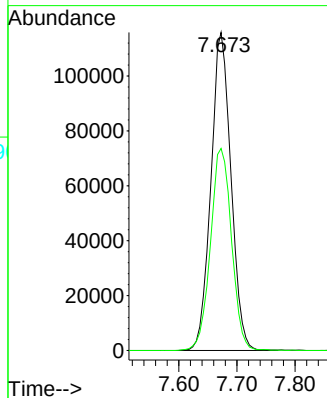
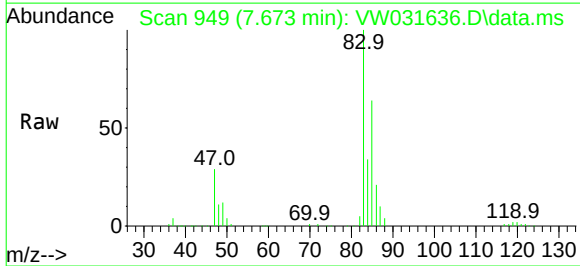
A44X0DL

Tgt Ion: 83 Resp: 277788

Ion Ratio Lower Upper

83 100

85 63.5 46.2 85.8



#27

1,2-Dichloroethane

Concen: 6.948 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW031636.D

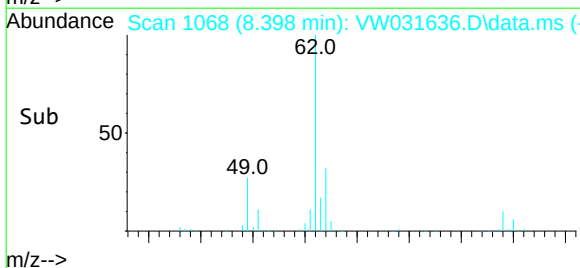
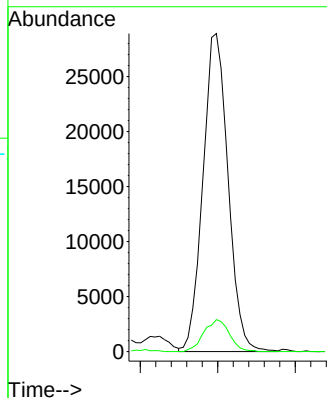
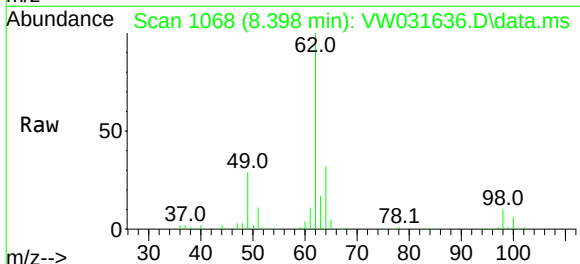
Acq: 29 Jan 2025 13:06

Tgt Ion: 62 Resp: 65124

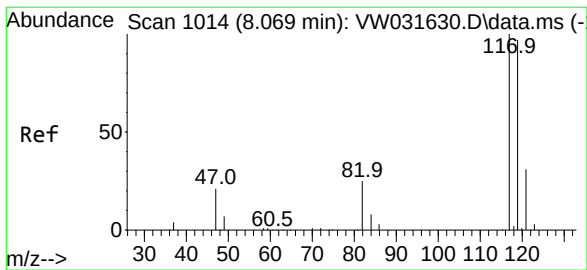
Ion Ratio Lower Upper

62 100

98 10.1 7.3 10.9



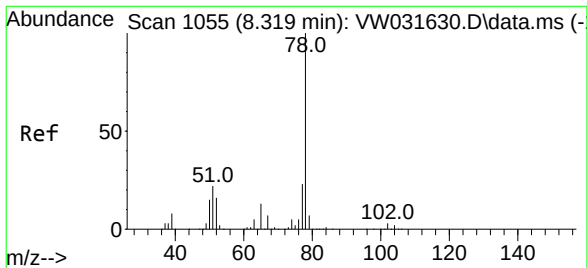
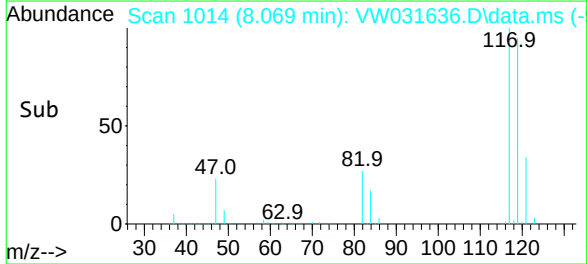
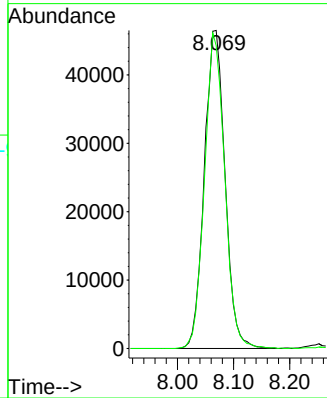
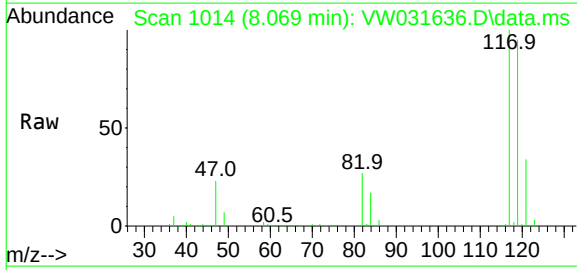




#31  
Carbon tetrachloride  
Concen: 9.983 ug/L  
RT: 8.069 min Scan# 1014  
Delta R.T. 0.000 min  
Lab File: VW031636.D  
Acq: 29 Jan 2025 13:06

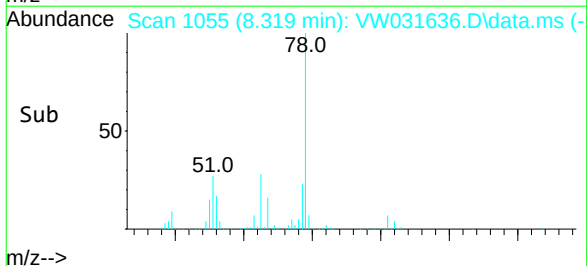
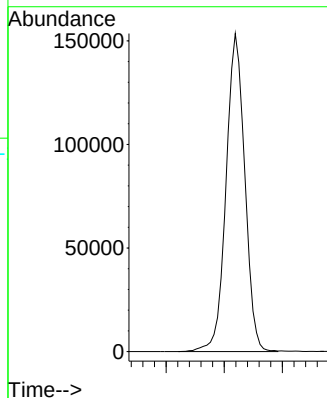
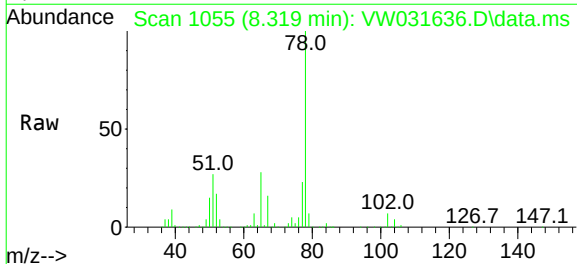
Instrument :  
MSVOA\_W  
ClientSampleId :  
A44X0DL

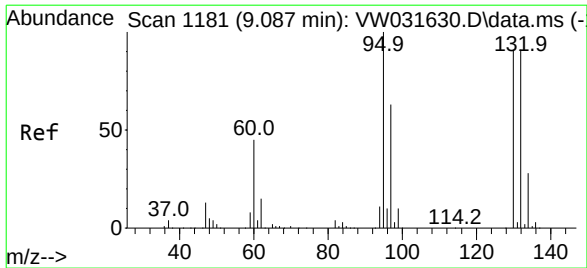
Tgt Ion:117 Resp: 119151  
Ion Ratio Lower Upper  
117 100  
119 96.5 77.4 116.0



#33  
Benzene  
Concen: 9.691 ug/L  
RT: 8.319 min Scan# 1055  
Delta R.T. 0.000 min  
Lab File: VW031636.D  
Acq: 29 Jan 2025 13:06

Tgt Ion: 78 Resp: 343956





#34

Trichloroethene

Concen: 9.200 ug/L

RT: 9.087 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031636.D

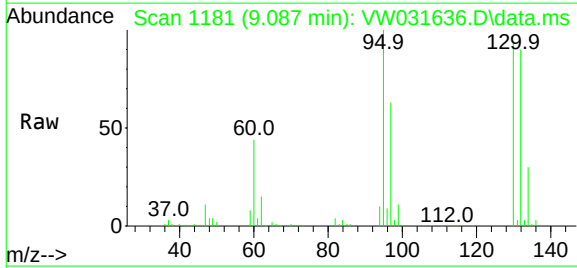
Acq: 29 Jan 2025 13:06

Instrument :

MSVOA\_W

ClientSampleId :

A44X0DL



Tgt Ion: 95 Resp: 87784

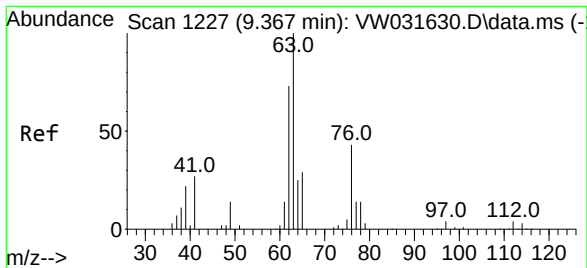
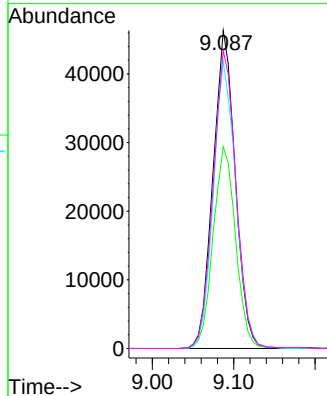
Ion Ratio Lower Upper

95 100

97 63.4 44.0 81.6

132 90.3 64.6 120.0

130 93.6 67.5 125.4



#37

1,2-Dichloropropane

Concen: 3.621 ug/L

RT: 9.361 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VW031636.D

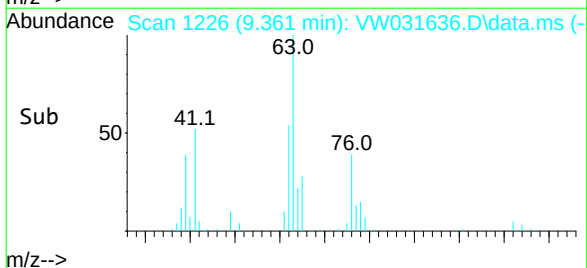
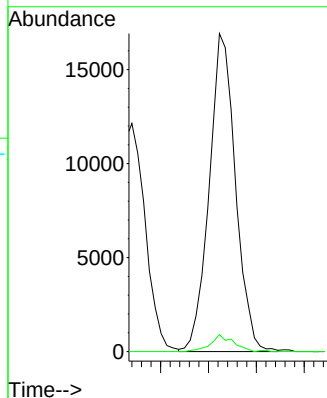
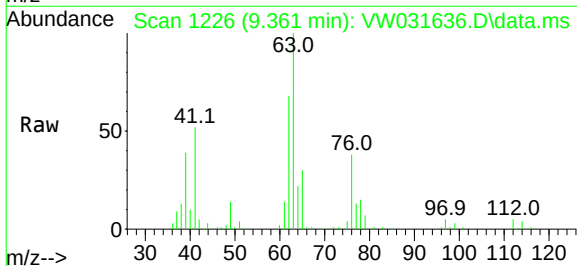
Acq: 29 Jan 2025 13:06

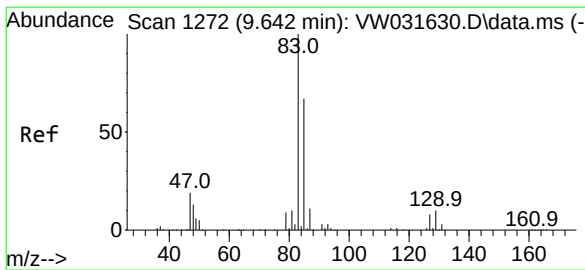
Tgt Ion: 63 Resp: 32304

Ion Ratio Lower Upper

63 100

112 4.6 3.6 5.4





#38

Bromodichloromethane

Concen: 18.604 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

Instrument :

MSVOA\_W

ClientSampleId :

A44X0DL

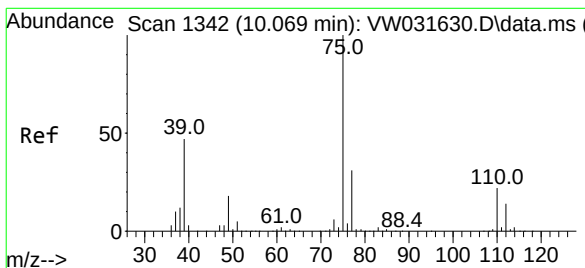
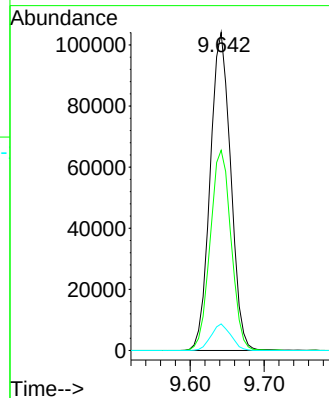
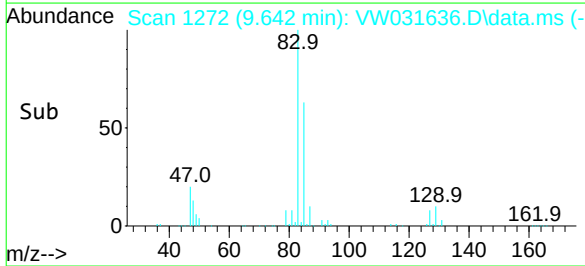
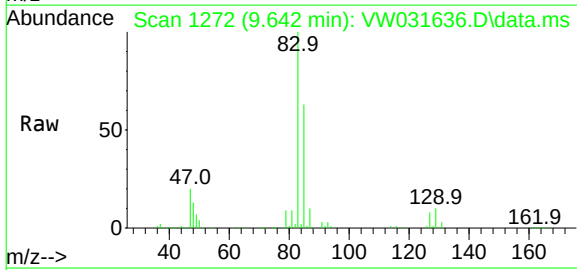
Tgt Ion: 83 Resp: 200738

Ion Ratio Lower Upper

83 100

85 63.0 43.8 81.3

127 8.3 6.2 9.4



#39

cis-1,3-Dichloropropene

Concen: 19.492 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW031636.D

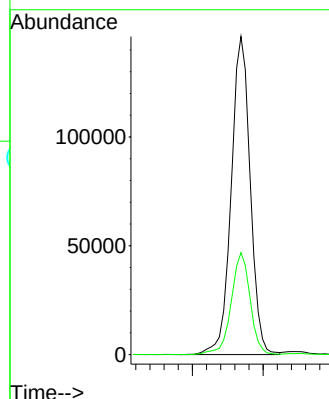
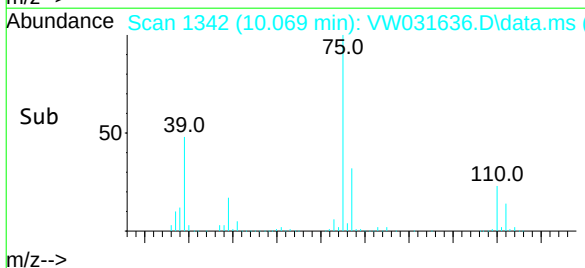
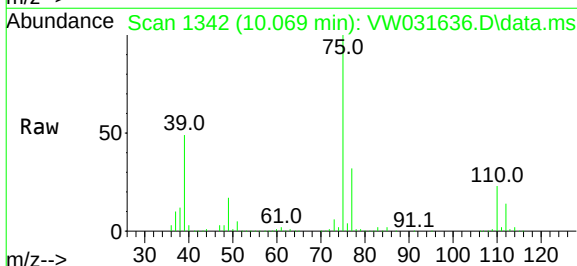
Acq: 29 Jan 2025 13:06

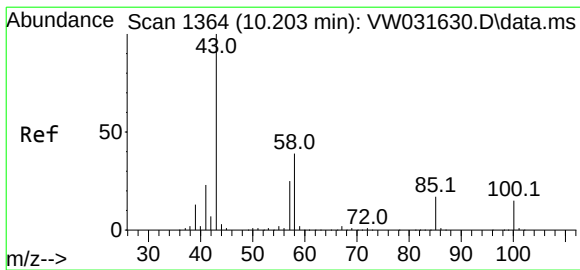
Tgt Ion: 75 Resp: 273519

Ion Ratio Lower Upper

75 100

77 32.0 21.6 40.2





#40

4-Methyl-2-pentanone

Concen: 27.425 ug/L

RT: 10.203 min Scan# 1364

Delta R.T. 0.000 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

Instrument :

MSVOA\_W

ClientSampleId :

A44X0DL

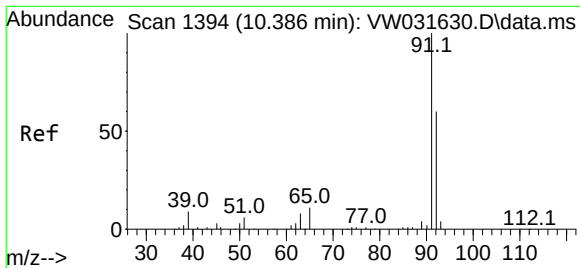
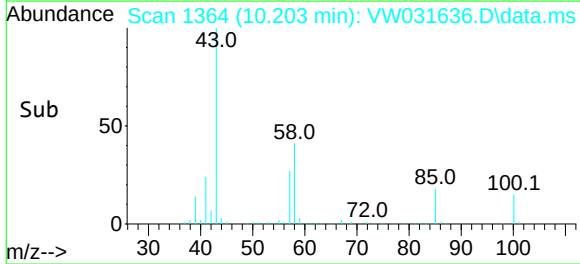
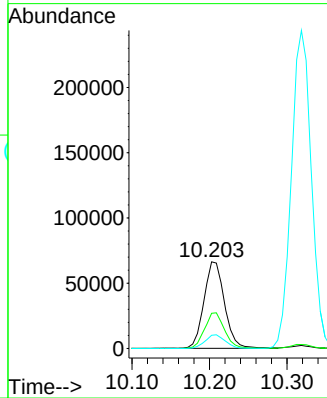
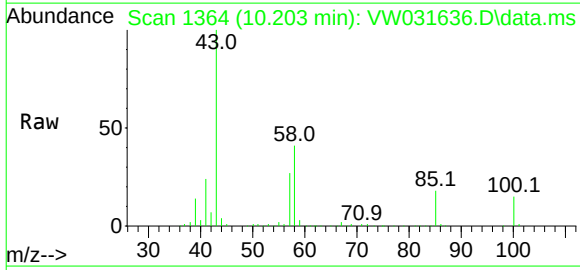
Tgt Ion: 43 Resp: 122111

Ion Ratio Lower Upper

43 100

58 40.2 31.4 47.2

100 15.6 12.3 18.5



#42

Toluene

Concen: 8.198 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW031636.D

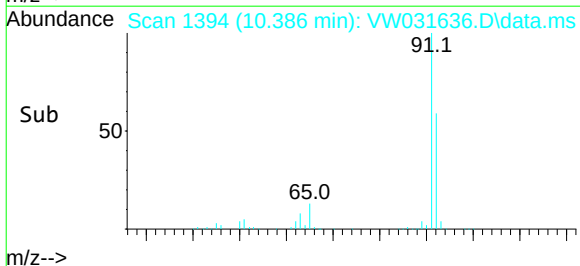
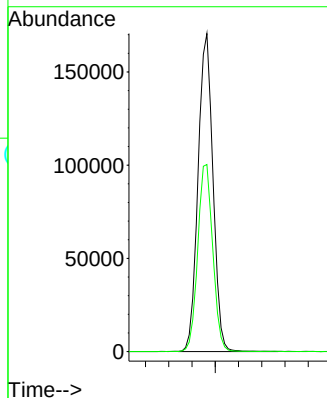
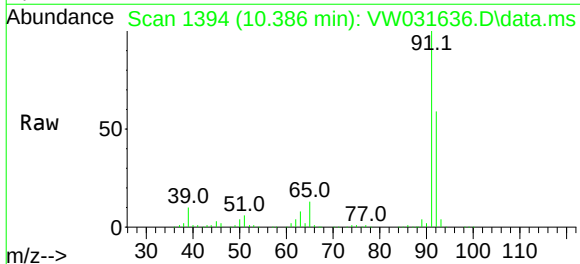
Acq: 29 Jan 2025 13:06

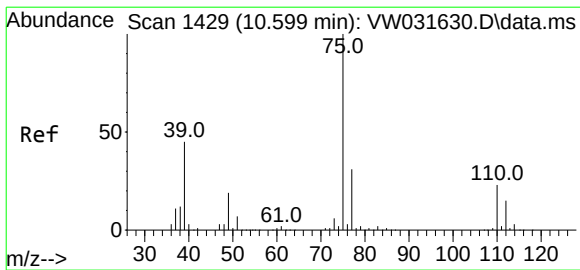
Tgt Ion: 91 Resp: 304127

Ion Ratio Lower Upper

91 100

92 58.8 40.6 75.4

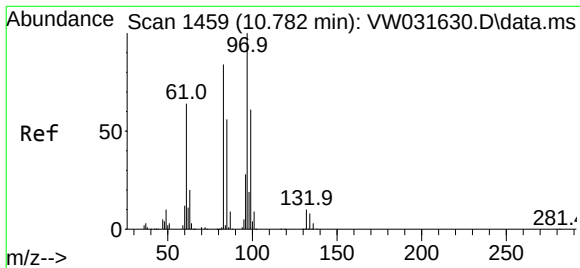
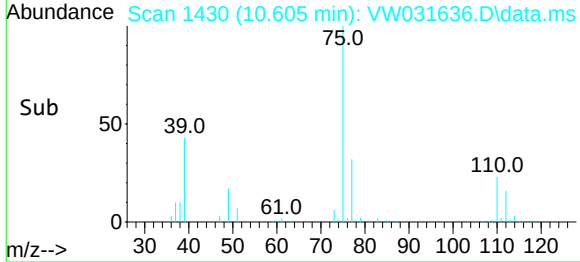
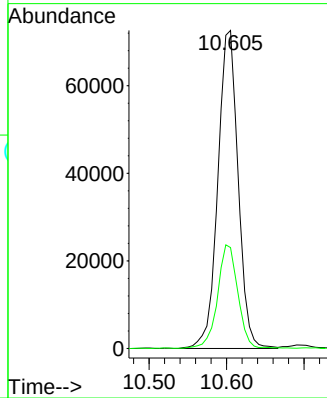
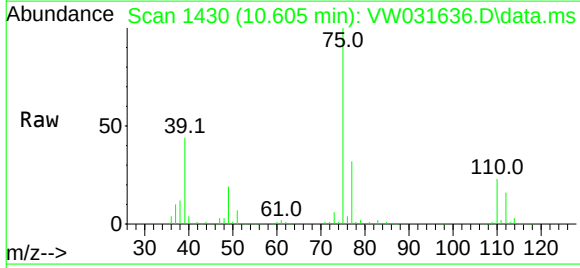




#44  
trans-1,3-Dichloropropene  
Concen: 11.786 ug/L  
RT: 10.605 min Scan# 1429  
Delta R.T. 0.006 min  
Lab File: VW031636.D  
Acq: 29 Jan 2025 13:06

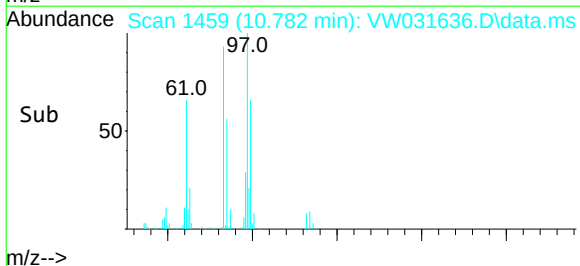
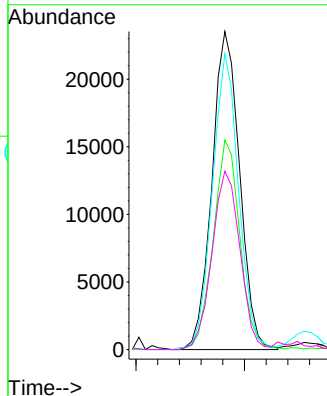
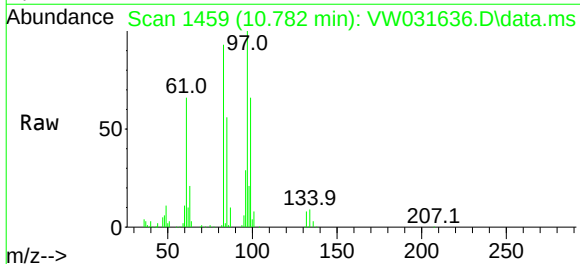
Instrument :  
MSVOA\_W  
ClientSampleId :  
A44X0DL

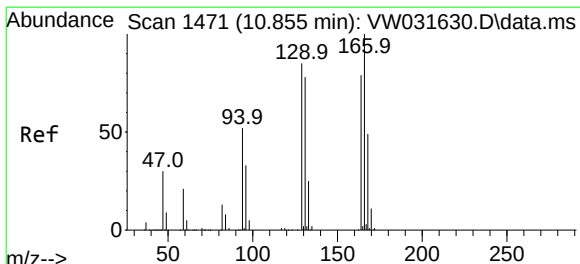
Tgt Ion: 75 Resp: 132200  
Ion Ratio Lower Upper  
75 100  
77 31.7 22.5 41.9



#45  
1,1,2-Trichloroethane  
Concen: 7.292 ug/L  
RT: 10.782 min Scan# 1459  
Delta R.T. 0.000 min  
Lab File: VW031636.D  
Acq: 29 Jan 2025 13:06

Tgt Ion: 97 Resp: 41691  
Ion Ratio Lower Upper  
97 100  
99 65.9 42.6 79.2  
83 93.0 59.6 110.8  
85 56.1 37.3 69.3

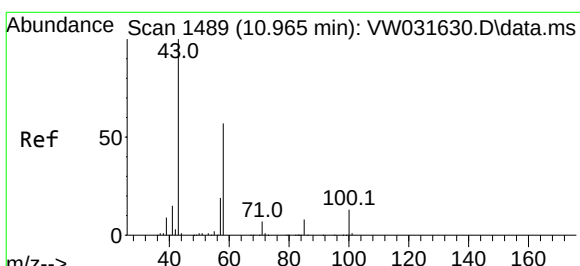
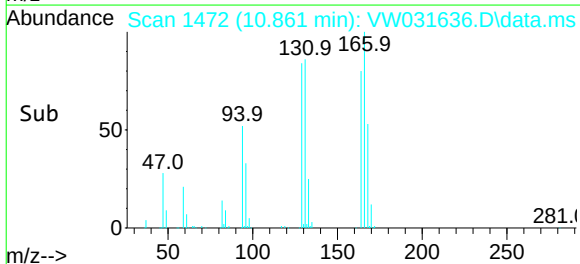
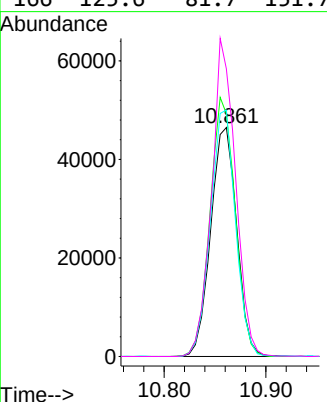
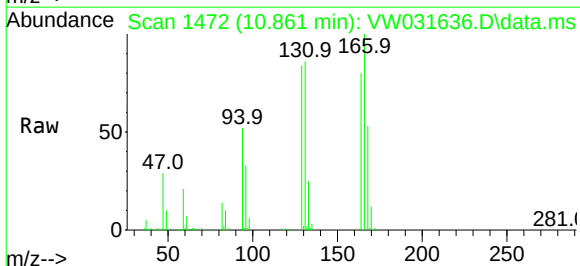




#46  
 Tetrachloroethene  
 Concen: 12.053 ug/L  
 RT: 10.861 min Scan# 1472  
 Delta R.T. 0.006 min  
 Lab File: VW031636.D  
 Acq: 29 Jan 2025 13:06

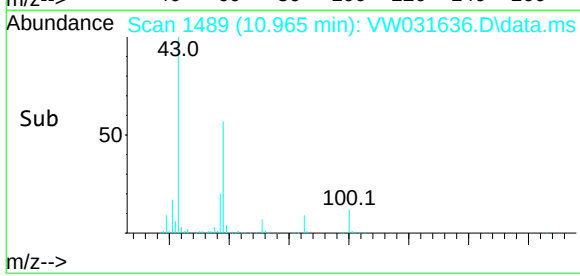
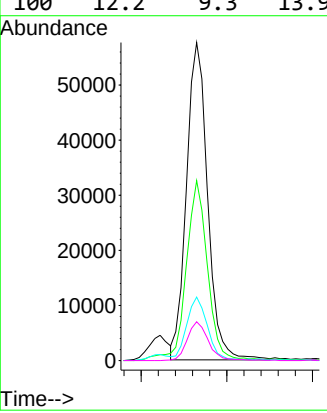
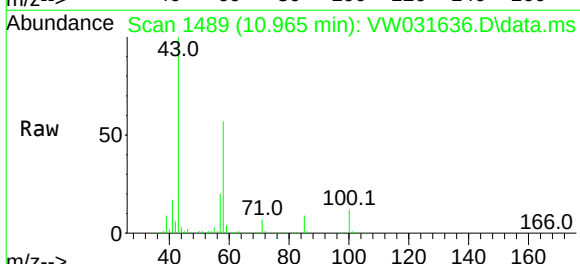
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A44X0DL

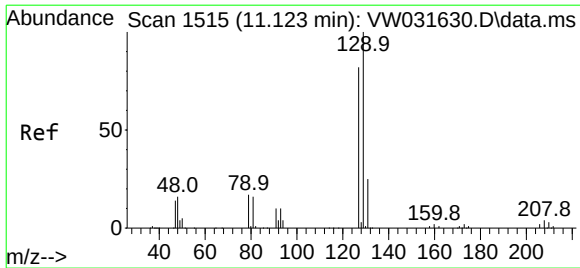
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 82534 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 106.0 | 69.8  | 129.6 |
| 131      | 107.6 | 63.1  | 117.1 |
| 166      | 125.6 | 81.7  | 151.7 |



#48  
 2-Hexanone  
 Concen: 36.347 ug/L  
 RT: 10.965 min Scan# 1489  
 Delta R.T. 0.000 min  
 Lab File: VW031636.D  
 Acq: 29 Jan 2025 13:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 98898 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 57.1  | 44.8  | 67.2  |
| 57       | 19.8  | 15.6  | 23.4  |
| 100      | 12.2  | 9.3   | 13.9  |





#49

Dibromochloromethane

Concen: 21.900 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

Instrument :

MSVOA\_W

ClientSampleId :

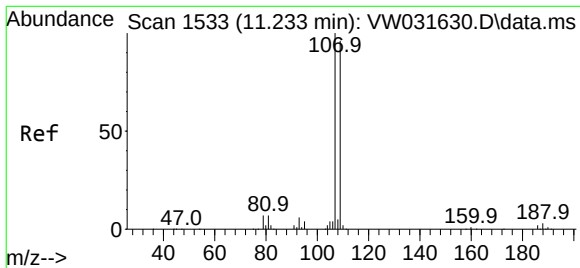
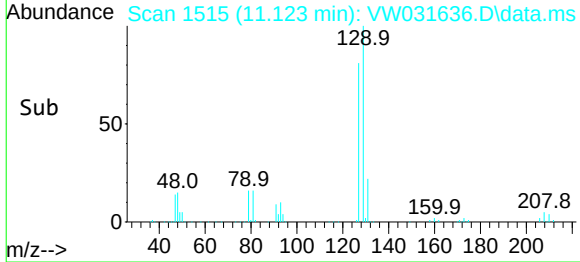
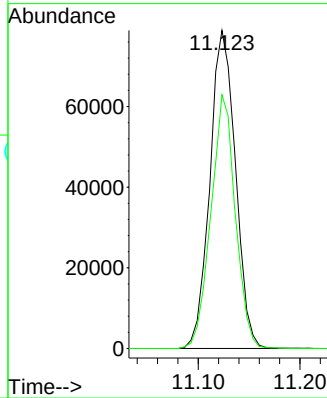
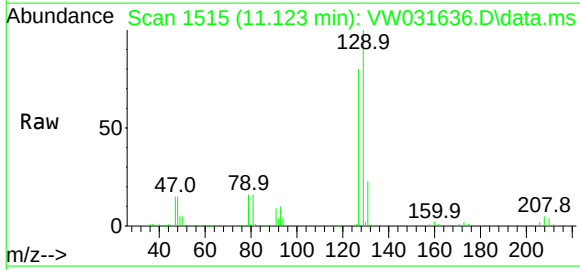
A44X0DL

Tgt Ion:129 Resp: 137774

Ion Ratio Lower Upper

129 100

127 79.8 53.0 98.4



#50

1,2-Dibromoethane

Concen: 19.060 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

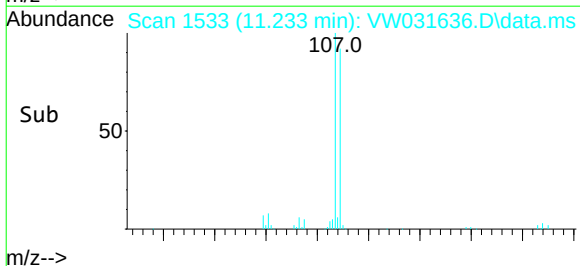
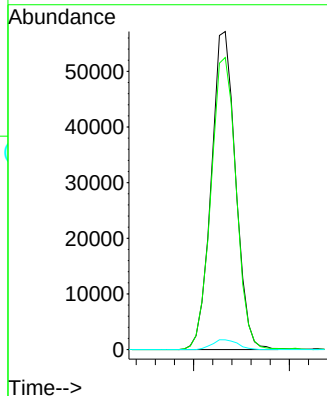
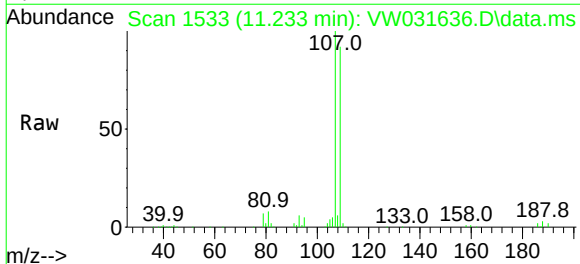
Tgt Ion:107 Resp: 101001

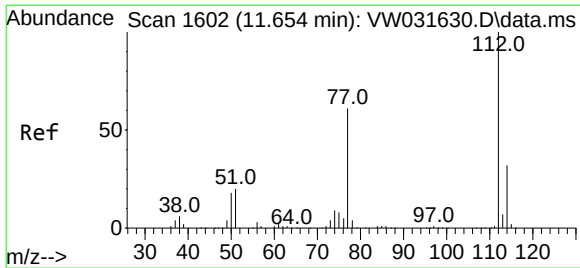
Ion Ratio Lower Upper

107 100

109 91.8 63.8 118.4

188 3.1 2.6 3.8

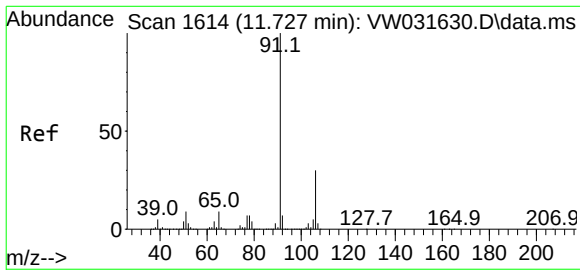
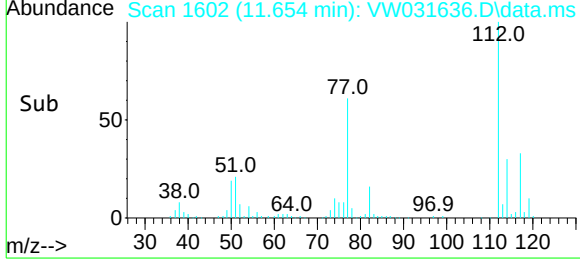
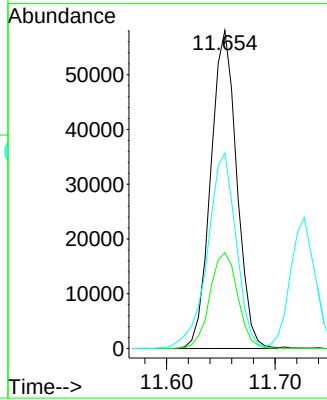
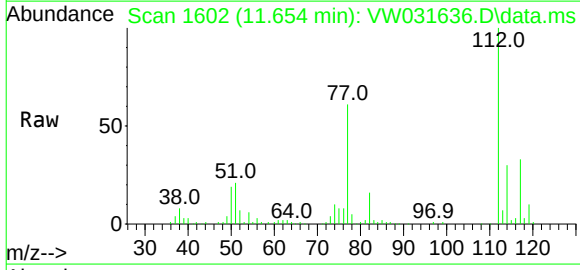




#51  
Chlorobenzene  
Concen: 4.220 ug/L  
RT: 11.654 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: VW031636.D  
Acq: 29 Jan 2025 13:06

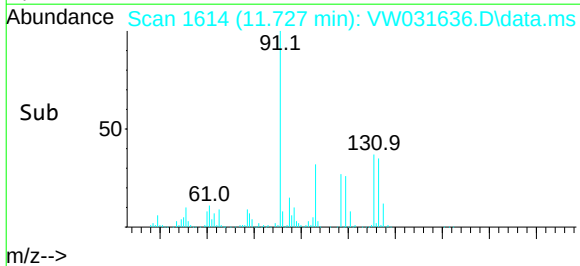
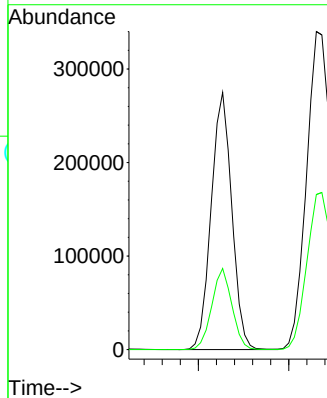
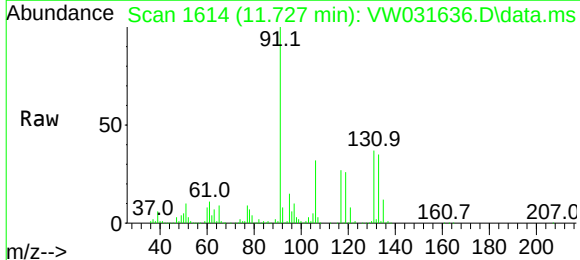
Instrument :  
MSVOA\_W  
ClientSampleId :  
A44X0DL

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 96673 |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 114      | 30.1  | 22.0  | 40.8  |
| 77       | 61.4  | 49.0  | 73.4  |

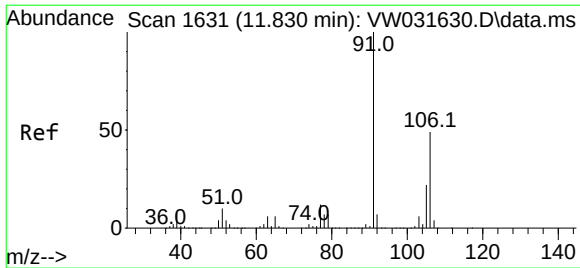


#52  
Ethylbenzene  
Concen: 10.244 ug/L  
RT: 11.727 min Scan# 1614  
Delta R.T. 0.000 min  
Lab File: VW031636.D  
Acq: 29 Jan 2025 13:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 436076 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 106      | 31.5  | 22.3  | 41.3   |



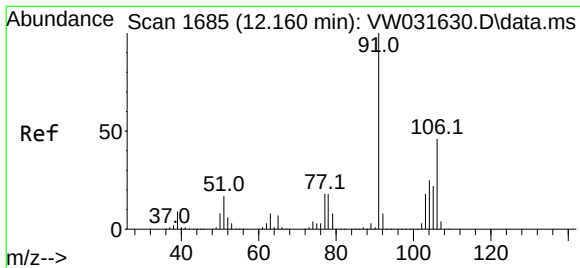
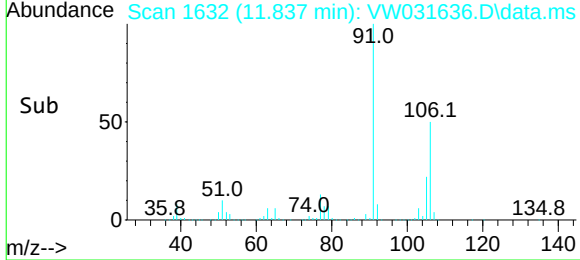
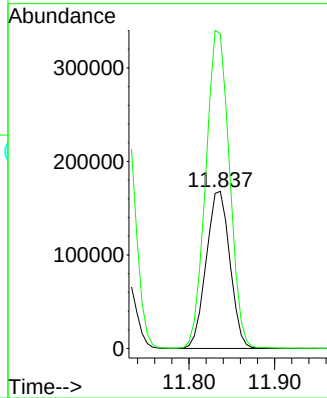
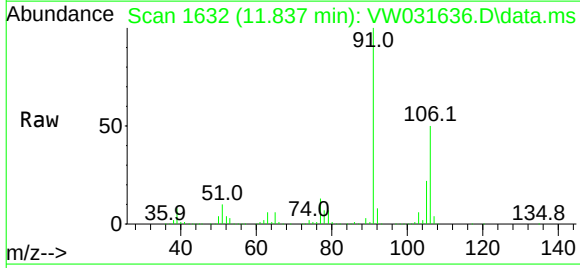




#53  
m,p-Xylene  
Concen: 19.905 ug/L  
RT: 11.837 min Scan# 1632  
Delta R.T. 0.006 min  
Lab File: VW031636.D  
Acq: 29 Jan 2025 13:06

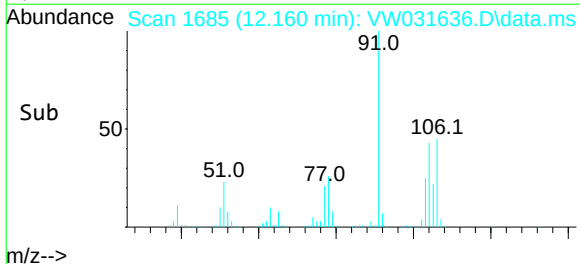
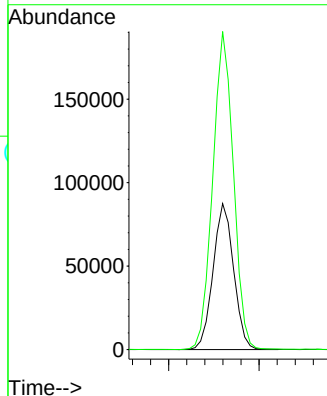
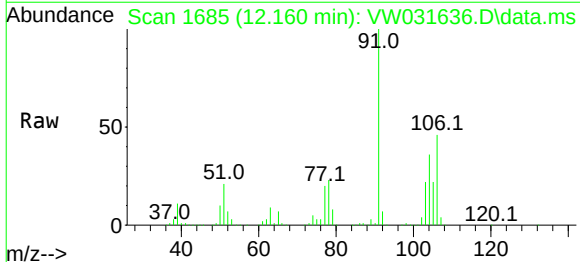
Instrument :  
MSVOA\_W  
ClientSampleId :  
A44X0DL

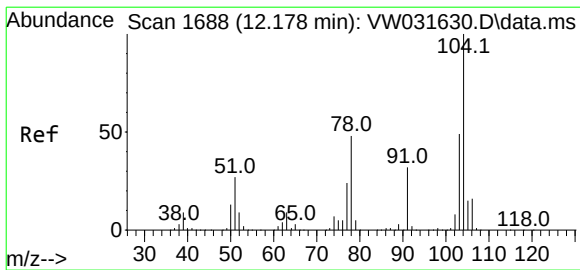
Tgt Ion:106 Resp: 323069  
Ion Ratio Lower Upper  
106 100  
91 200.3 145.9 270.9



#54  
o-Xylene  
Concen: 9.170 ug/L  
RT: 12.160 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VW031636.D  
Acq: 29 Jan 2025 13:06

Tgt Ion:106 Resp: 138326  
Ion Ratio Lower Upper  
106 100  
91 217.9 152.9 284.1





#55

Styrene

Concen: 14.623 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

Instrument :

MSVOA\_W

ClientSampleId :

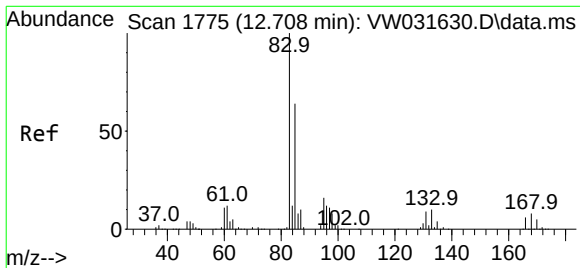
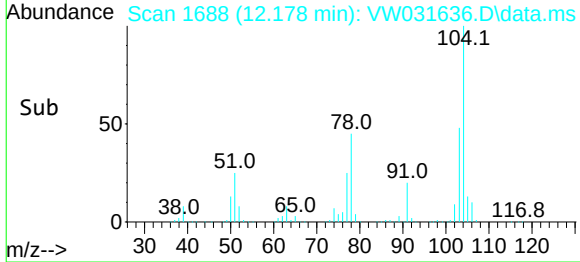
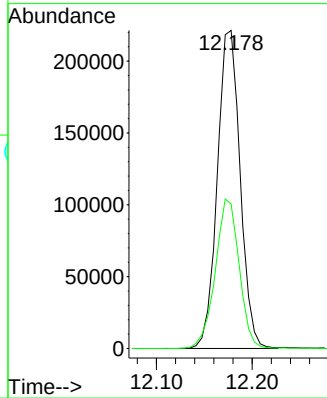
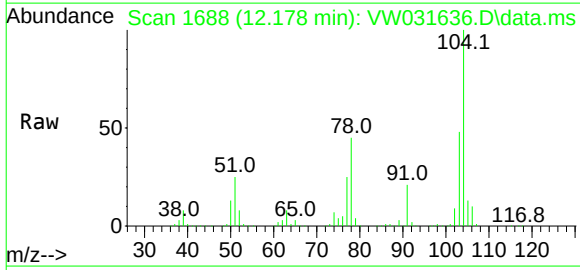
A44X0DL

Tgt Ion:104 Resp: 367014

Ion Ratio Lower Upper

104 100

78 45.4 32.0 59.4



#57

1,1,2-Tetrachloroethane

Concen: 9.065 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

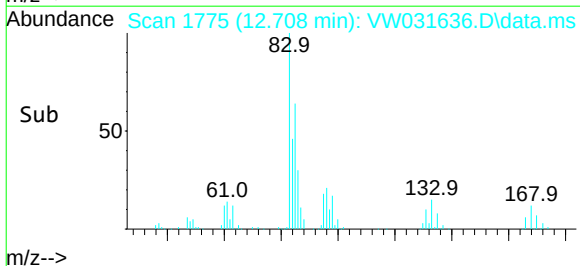
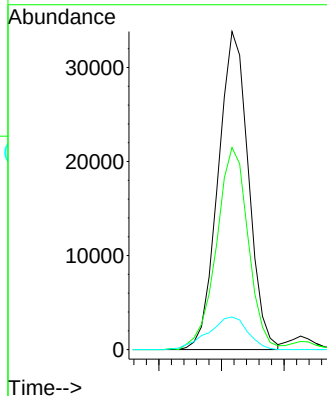
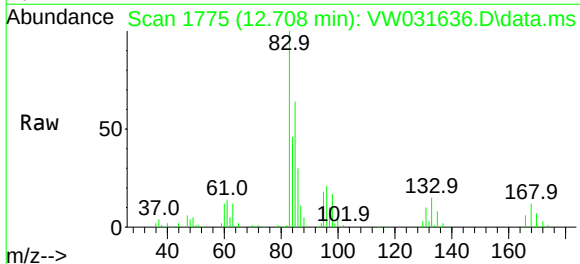
Tgt Ion: 83 Resp: 56952

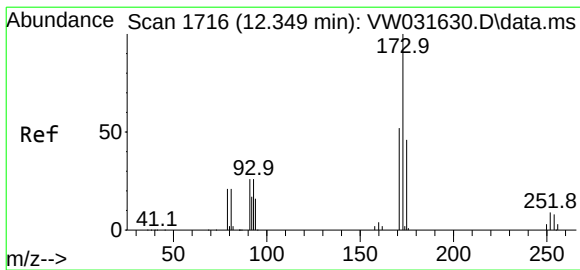
Ion Ratio Lower Upper

83 100

85 63.5 44.1 81.9

131 10.3 7.4 11.0





#59

Bromoform

Concen: 5.930 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

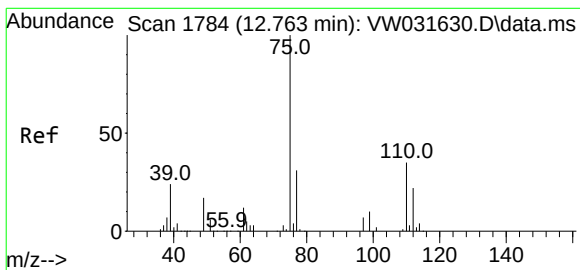
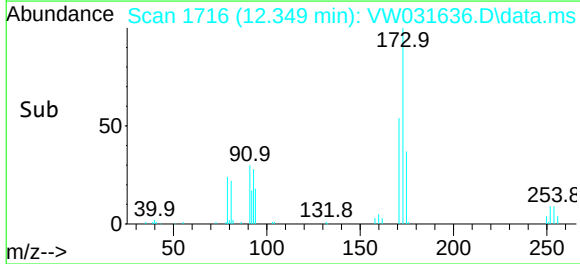
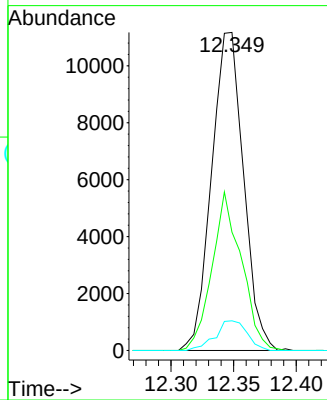
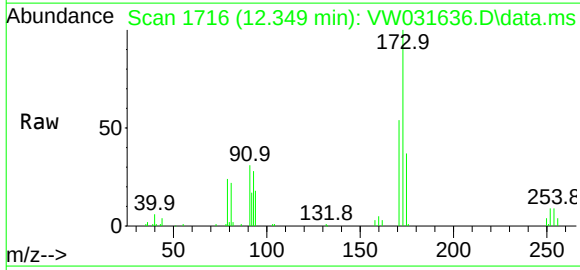
Instrument :

MSVOA\_W

ClientSampleId :

A44X0DL

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 173   | Resp: | 19848 |
| Ion      | Ratio | Lower | Upper |
| 173      | 100   |       |       |
| 175      | 45.8  | 37.7  | 56.5  |
| 254      | 9.3   | 7.1   | 10.7  |



#61

1,2,3-Trichloropropane

Concen: 15.546 ug/L

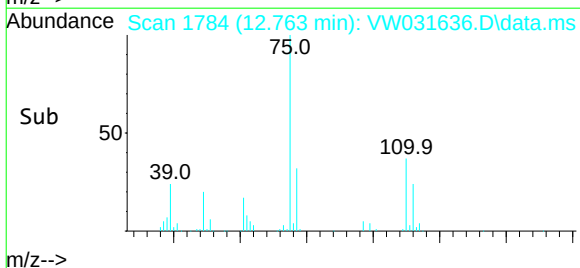
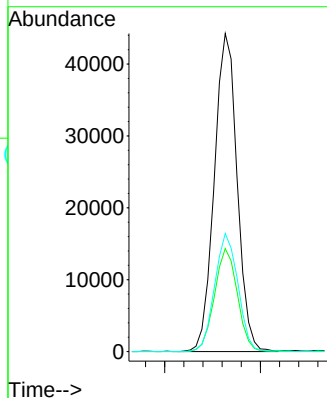
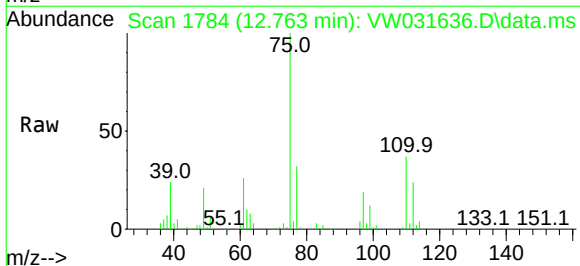
RT: 12.763 min Scan# 1784

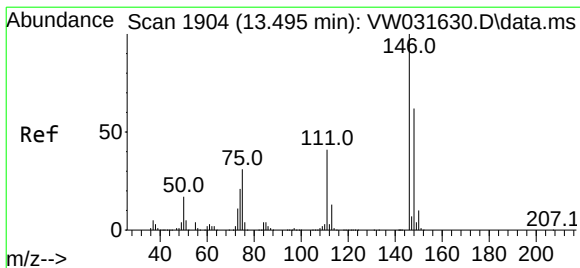
Delta R.T. 0.000 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 73332 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 32.5  | 26.2  | 39.2  |
| 110      | 37.8  | 29.6  | 44.4  |





#64

1,3-Dichlorobenzene

Concen: 20.219 ug/L

RT: 13.489 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

Instrument :

MSVOA\_W

ClientSampleId :

A44X0DL

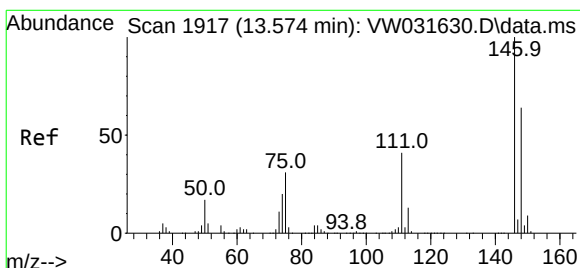
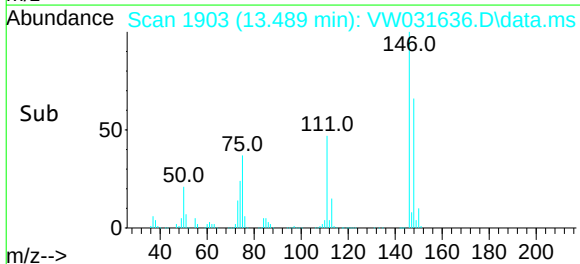
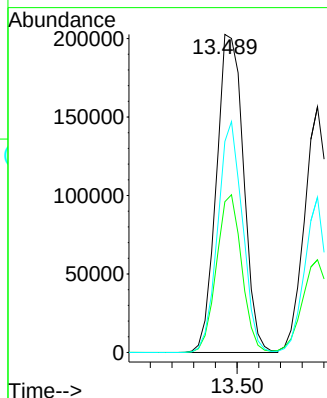
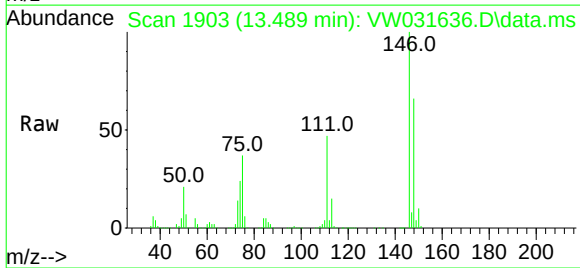
Tgt Ion:146 Resp: 351892

Ion Ratio Lower Upper

146 100

111 47.4 30.4 56.5

148 66.3 42.1 78.1



#65

1,4-Dichlorobenzene

Concen: 14.098 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

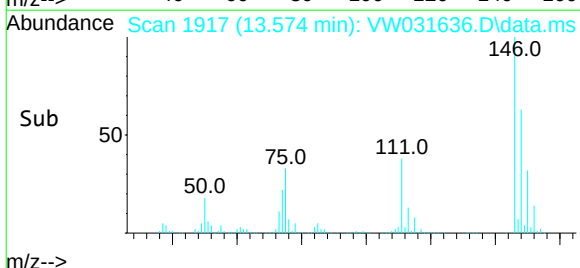
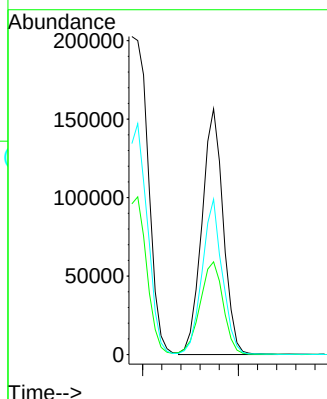
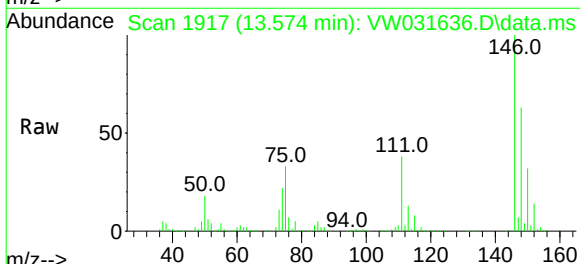
Tgt Ion:146 Resp: 242668

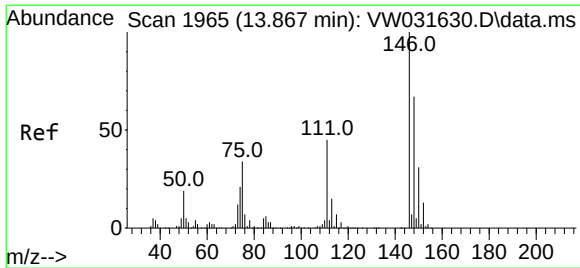
Ion Ratio Lower Upper

146 100

111 37.7 28.5 52.9

148 63.2 45.4 84.4

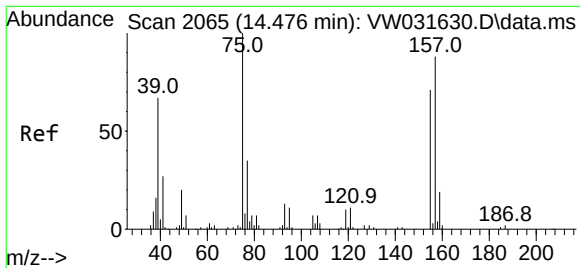
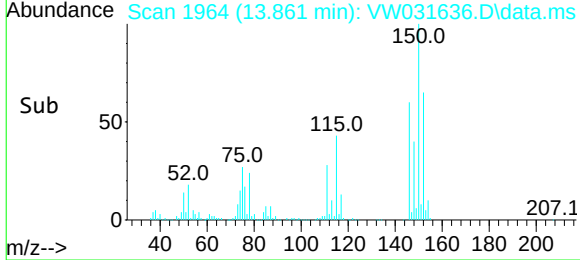
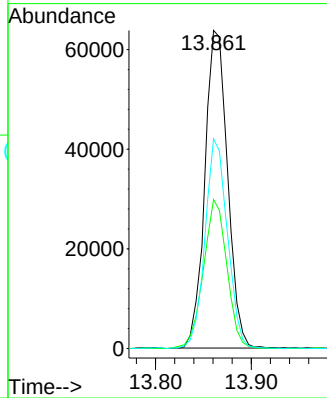
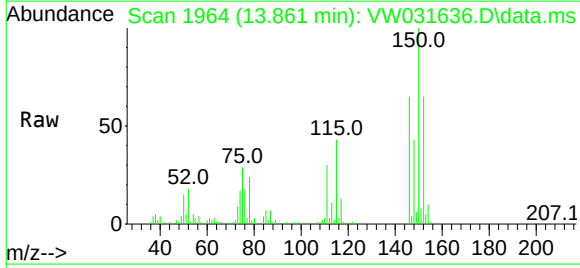




#67  
1,2-Dichlorobenzene  
Concen: 7.075 ug/L  
RT: 13.861 min Scan# 1965  
Delta R.T. -0.006 min  
Lab File: VW031636.D  
Acq: 29 Jan 2025 13:06

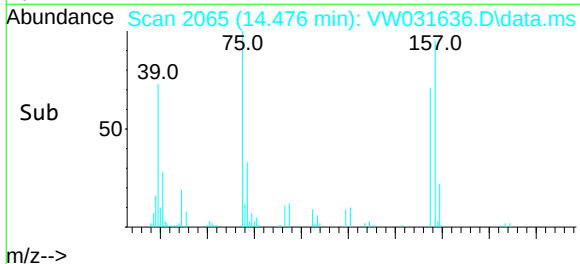
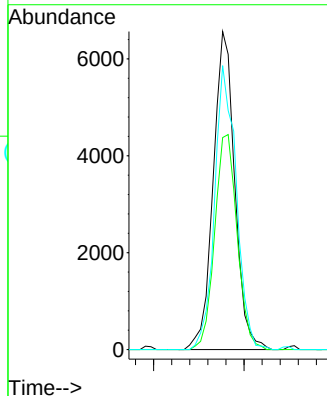
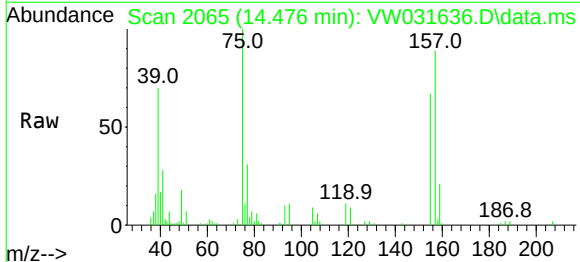
Instrument :  
MSVOA\_W  
ClientSampleId :  
A44X0DL

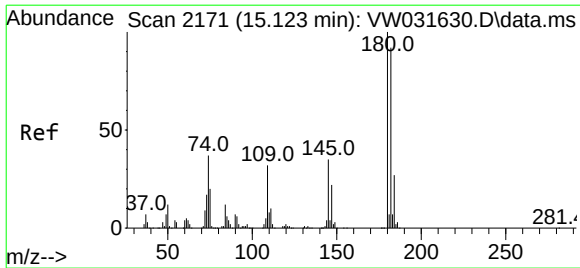
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 105152 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 111      | 46.8  | 36.6  | 55.0   |
| 148      | 65.9  | 51.0  | 76.4   |



#68  
1,2-Dibromo-3-chloropropane  
Concen: 10.311 ug/L  
RT: 14.476 min Scan# 2065  
Delta R.T. 0.000 min  
Lab File: VW031636.D  
Acq: 29 Jan 2025 13:06

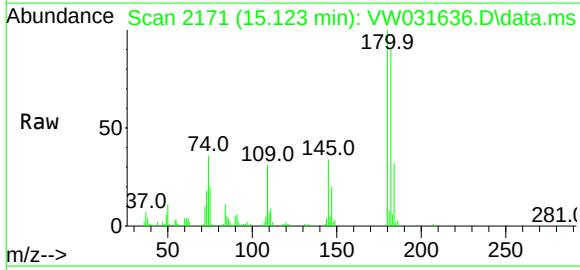
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 10874 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 66.7  | 51.0  | 76.4  |
| 157      | 89.3  | 70.2  | 105.2 |





#70  
 1,2,4-trichlorobenzene  
 Concen: 6.123 ug/L  
 RT: 15.123 min Scan# 2171  
 Delta R.T. 0.000 min  
 Lab File: VW031636.D  
 Acq: 29 Jan 2025 13:06

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A44X0DL



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 57522 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 94.9  | 77.7  | 116.5 |
| 145       | 33.5  | 26.6  | 39.8  |

