

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW061924\  
 Data File : VW036142.D  
 Acq On : 19 Jun 2024 17:04  
 Operator : SY/MD  
 Sample : P2909-24DL 2X  
 Misc : 5.00g/10.0mL/MSVOA\_V/SOIL/B  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4DJ5DL

Quant Time: Jun 20 05:17:16 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jun 20 05:02:48 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.532  | 114   | 316440   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783  | 117   | 337438   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.182 | 152   | 180680   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.272  | 65    | 123016   | 21.145   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 84.560%  |
| 7) Chloroethane-d5            | 1.526  | 69    | 106049   | 22.861   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 91.440%  |
| 11) 1,1-Dichloroethene-d2     | 2.050  | 65    | 58963    | 22.766   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 91.080%  |
| 21) 2-Butanone-d5             | 3.822  | 46    | 78434    | 58.761   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 117.520% |
| 24) Chloroform-d              | 4.243  | 84    | 251726   | 25.022   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 100.080% |
| 26) 1,2-Dichloroethane-d4     | 4.937  | 65    | 137515   | 26.071   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 104.280% |
| 32) Benzene-d6                | 4.957  | 84    | 441814   | 22.027   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 88.120%  |
| 36) 1,2-Dichloropropane-d6    | 5.986  | 67    | 151297   | 23.953   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 95.800%  |
| 41) Toluene-d8                | 7.240  | 98    | 418654   | 23.656   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 94.640%  |
| 43) trans-1,3-Dichloroprop... | 7.551  | 79    | 62554    | 24.153   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 96.600%  |
| 47) 2-Hexanone-d5             | 8.031  | 63    | 51038    | 59.638   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 119.280% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153 | 84    | 121788   | 25.802   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 103.200% |
| 66) 1,2-Dichlorobenzene-d4    | 11.558 | 152   | 150909   | 22.776   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 91.120%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.060  | 96    | 155718   | 30.730   | ug/L   | 94       |
| 13) Acetone                   | 2.140  | 43    | 25828    | 12.422   | ug/L   | 77       |
| 16) Methylene chloride        | 2.439  | 84    | 179654   | 25.090   | ug/L   | 99       |
| 17) trans-1,2-Dichloroethene  | 2.687  | 96    | 115766   | 21.506   | ug/L   | 97       |
| 18) Methyl tert-butyl Ether   | 2.706  | 73    | 158589   | 13.124   | ug/L   | 97       |
| 19) 1,1-Dichloroethane        | 3.105  | 63    | 222511   | 21.706   | ug/L   | 99       |
| 20) cis-1,2-Dichloroethene    | 3.809  | 96    | 243738   | 45.063   | ug/L   | 99       |
| 22) 2-Butanone                | 3.892  | 43    | 200358   | 113.564  | ug/L # | 78       |
| 25) Chloroform                | 4.269  | 83    | 393565   | 37.323   | ug/L   | 100      |
| 27) 1,2-Dichloroethane        | 5.040  | 62    | 94385    | 14.337   | ug/L   | 98       |
| 31) Carbon tetrachloride      | 4.728  | 117   | 168097   | 20.771   | ug/L   | 100      |
| 33) Benzene                   | 5.005  | 78    | 423414   | 19.186   | ug/L   | 100      |
| 34) Trichloroethene           | 5.831  | 95    | 122202   | 18.067   | ug/L   | 99       |
| 37) 1,2-Dichloropropane       | 6.095  | 63    | 41025    | 7.079    | ug/L   | 99       |
| 38) Bromodichloromethane      | 6.429  | 83    | 298479   | 38.914   | ug/L   | 99       |
| 39) cis-1,3-Dichloropropene   | 6.950  | 75    | 343973   | 39.686   | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 7.159  | 43    | 177753   | 56.458   | ug/L   | 99       |
| 42) Toluene                   | 7.314  | 91    | 378991   | 16.806   | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene | 7.580  | 75    | 180826   | 24.154   | ug/L   | 98       |

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 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
 A4DJ5DL

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jun 20 05:02:48 2024  
 Response via : Initial Calibration

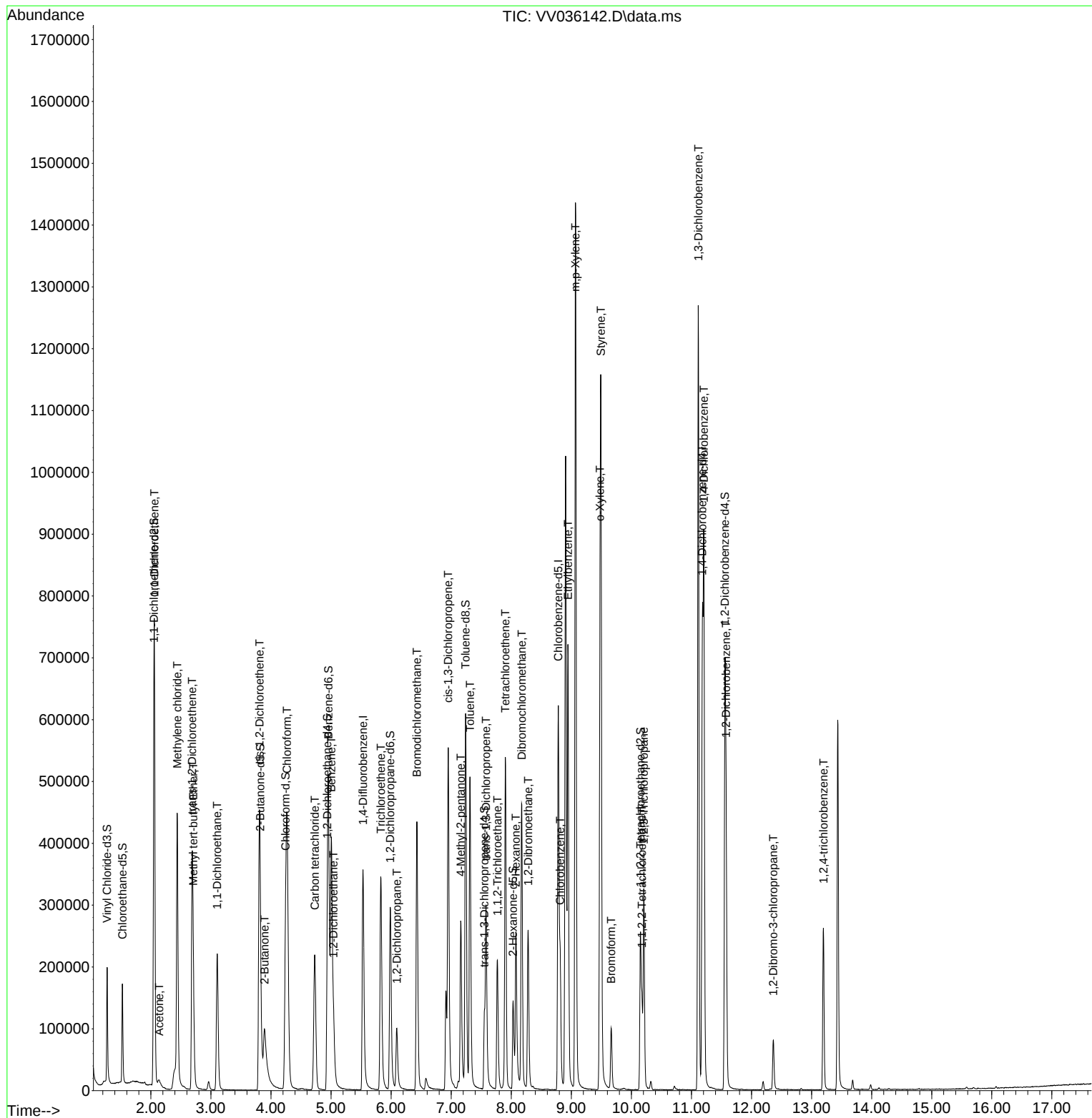
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| 45) 1,1,2-Trichloroethane     | 7.770  | 97   | 65585    | 13.678 | ug/L  | 99       |
| 46) Tetrachloroethene         | 7.902  | 164  | 119715   | 24.200 | ug/L  | 98       |
| 48) 2-Hexanone                | 8.079  | 43   | 158314   | 64.319 | ug/L  | 97       |
| 49) Dibromochloromethane      | 8.175  | 129  | 236145   | 45.000 | ug/L  | 98       |
| 50) 1,2-Dibromoethane         | 8.281  | 107  | 175513   | 38.148 | ug/L  | 99       |
| 51) Chlorobenzene             | 8.815  | 112  | 123460   | 8.035  | ug/L  | 99       |
| 52) Ethylbenzene              | 8.944  | 91   | 479686   | 19.881 | ug/L  | 100      |
| 53) m,p-Xylene                | 9.069  | 106  | 385205   | 42.490 | ug/L  | 97       |
| 54) o-Xylene                  | 9.477  | 106  | 154182   | 18.034 | ug/L  | 97       |
| 55) Styrene                   | 9.494  | 104  | 470822   | 31.229 | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.175 | 83   | 70386    | 16.394 | ug/L  | 99       |
| 59) Bromoform                 | 9.664  | 173  | 45102    | 13.237 | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.207 | 75   | 131795   | 30.842 | ug/L  | 96       |
| 64) 1,3-Dichlorobenzene       | 11.114 | 146  | 494533   | 40.624 | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 11.207 | 146  | 332817   | 26.488 | ug/L  | 98       |
| 67) 1,2-Dichlorobenzene       | 11.577 | 146  | 158773   | 13.860 | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.362 | 75   | 22328    | 23.367 | ug/L  | 94       |
| 70) 1,2,4-trichlorobenzene    | 13.198 | 180  | 79739    | 11.122 | ug/L  | 99       |
| -----                         |        |      |          |        |       |          |

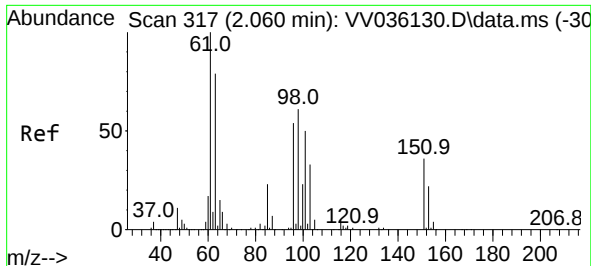
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Quant Title : VOC Analysis  
QLast Update : Thu Jun 20 05:02:48 2024  
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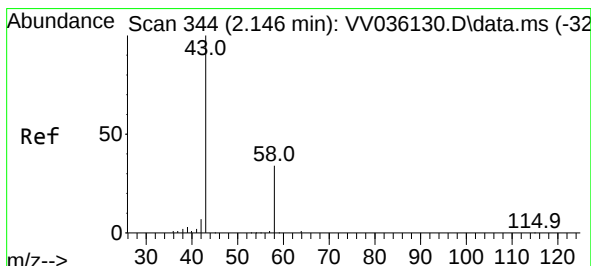
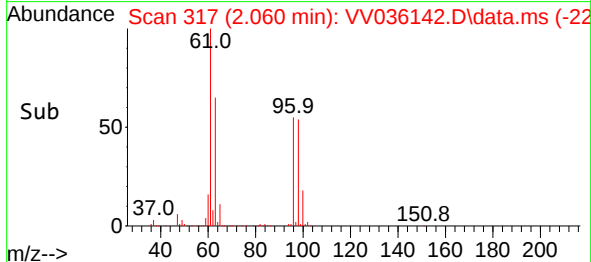
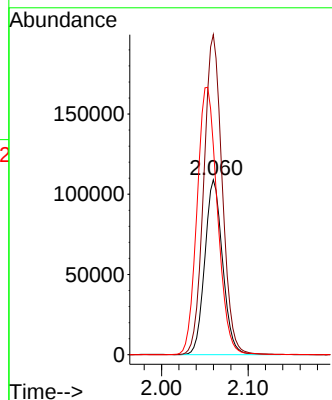
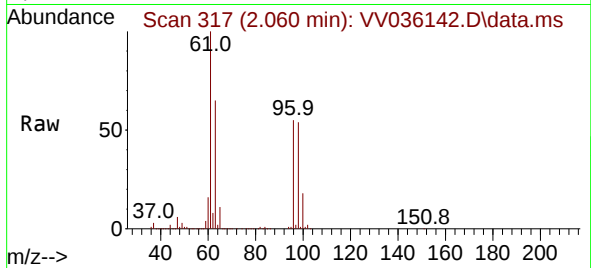




#12  
1,1-Dichloroethene  
Concen: 30.730 ug/L  
RT: 2.060 min Scan# 317  
Delta R.T. 0.000 min  
Lab File: VV036142.D  
Acq: 19 Jun 2024 17:04

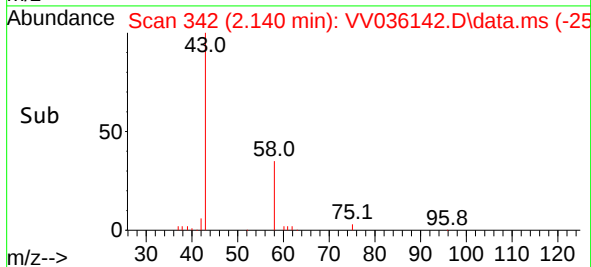
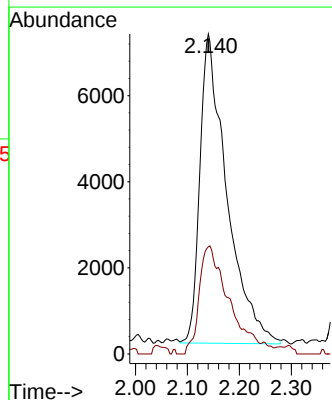
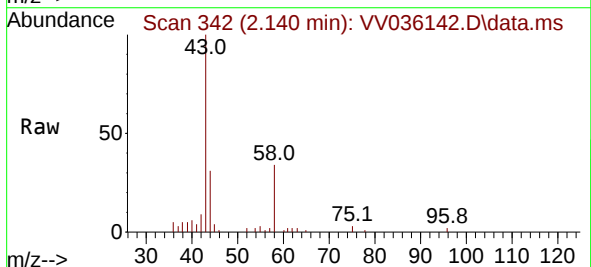
Instrument :  
MSVOA\_V  
ClientSampleId :  
A4DJ5DL

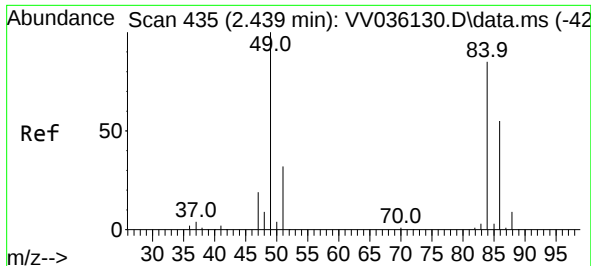
Tgt Ion: 96 Resp: 155718  
Ion Ratio Lower Upper  
96 100  
61 183.0 127.3 236.3  
63 119.6 93.7 173.9



#13  
Acetone  
Concen: 12.422 ug/L  
RT: 2.140 min Scan# 342  
Delta R.T. -0.006 min  
Lab File: VV036142.D  
Acq: 19 Jun 2024 17:04

Tgt Ion: 43 Resp: 25828  
Ion Ratio Lower Upper  
43 100  
58 21.0 0.0 24.2

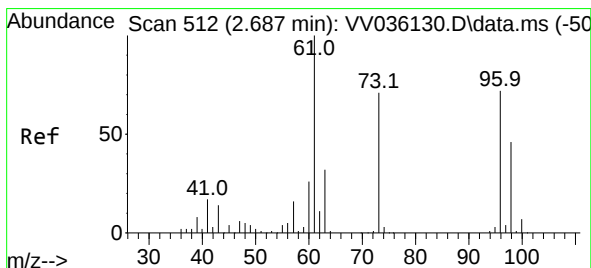
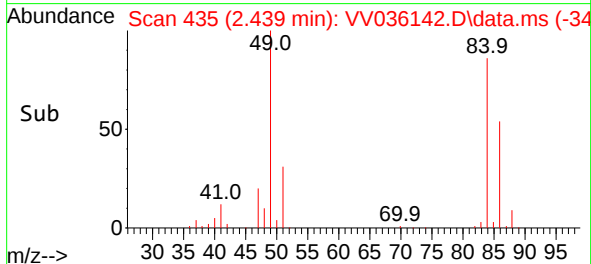
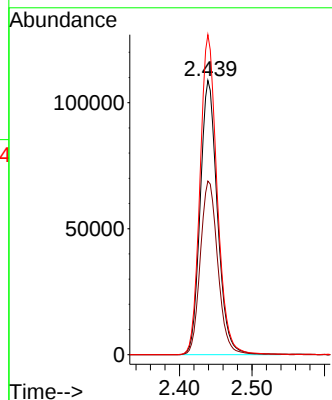
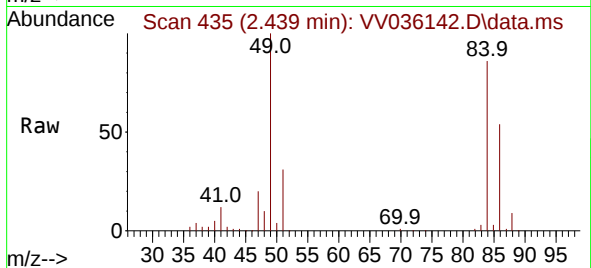




#16  
Methylene chloride  
Concen: 25.090 ug/L  
RT: 2.439 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VV036142.D  
Acq: 19 Jun 2024 17:04

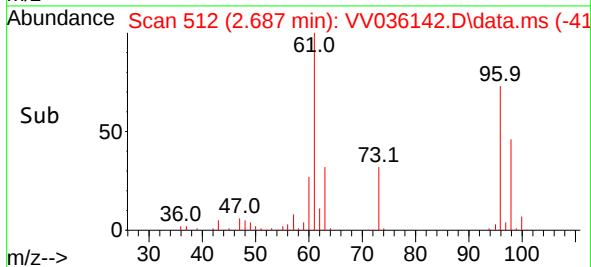
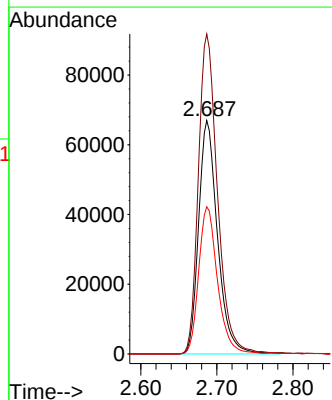
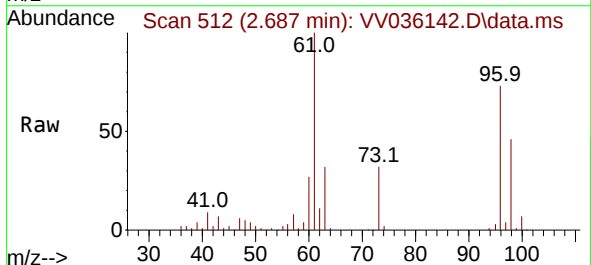
Instrument :  
MSVOA\_V  
ClientSampleId :  
A4DJ5DL

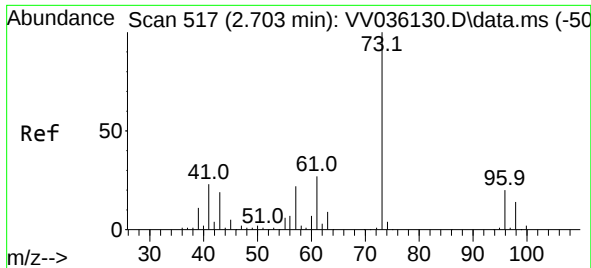
Tgt Ion: 84 Resp: 179654  
Ion Ratio Lower Upper  
84 100  
86 63.3 44.6 82.8  
49 116.7 81.1 150.5



#17  
trans-1,2-Dichloroethene  
Concen: 21.506 ug/L  
RT: 2.687 min Scan# 512  
Delta R.T. 0.000 min  
Lab File: VV036142.D  
Acq: 19 Jun 2024 17:04

Tgt Ion: 96 Resp: 115766  
Ion Ratio Lower Upper  
96 100  
61 137.1 99.4 184.6  
98 63.1 44.9 83.3

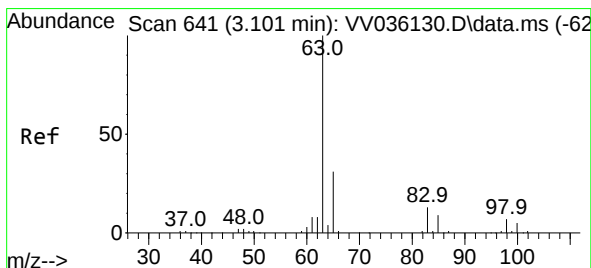
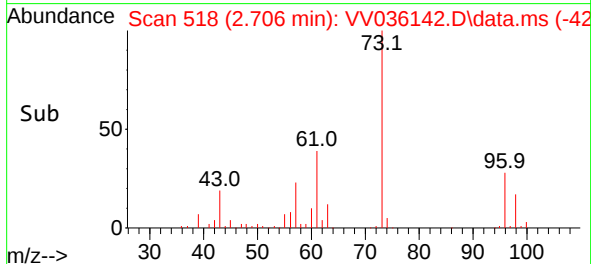
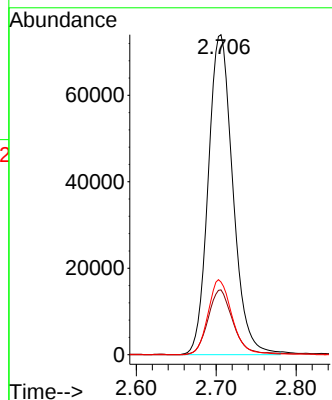
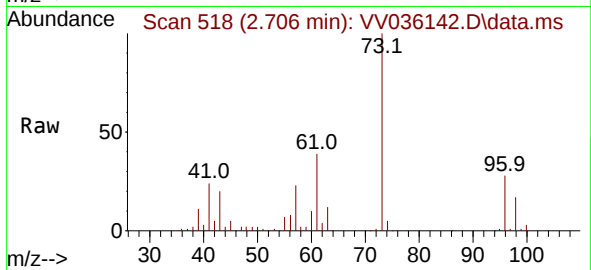




#18  
Methyl tert-butyl Ether  
Concen: 13.124 ug/L  
RT: 2.706 min Scan# 517  
Delta R.T. 0.003 min  
Lab File: VV036142.D  
Acq: 19 Jun 2024 17:04

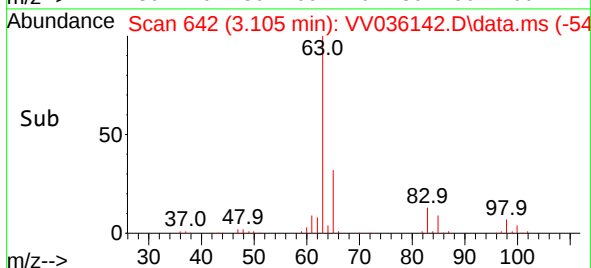
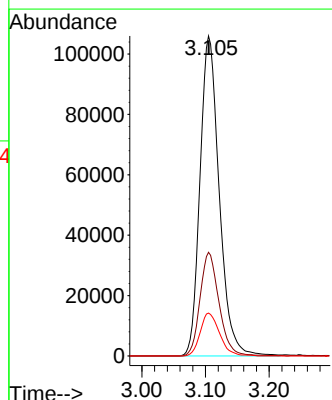
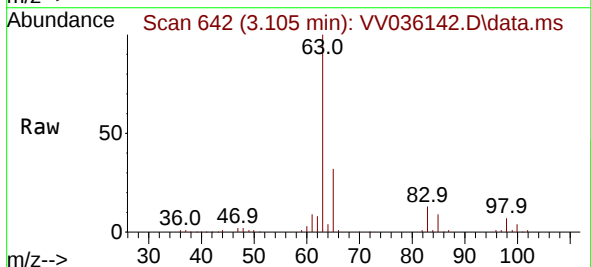
Instrument :  
MSVOA\_V  
ClientSampleId :  
A4DJ5DL

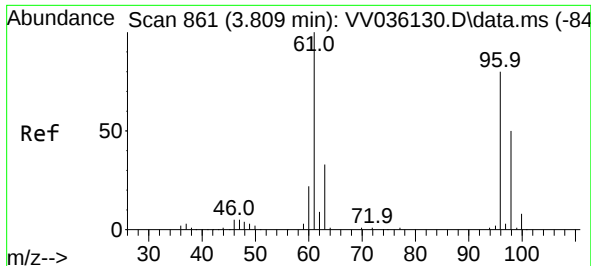
Tgt Ion: 73 Resp: 158589  
Ion Ratio Lower Upper  
73 100  
43 20.3 14.3 21.5  
57 22.8 17.8 26.6



#19  
1,1-Dichloroethane  
Concen: 21.706 ug/L  
RT: 3.105 min Scan# 642  
Delta R.T. 0.003 min  
Lab File: VV036142.D  
Acq: 19 Jun 2024 17:04

Tgt Ion: 63 Resp: 222511  
Ion Ratio Lower Upper  
63 100  
65 32.4 22.4 41.6  
83 13.4 9.2 17.0





#20

cis-1,2-Dichloroethene

Concen: 45.063 ug/L

RT: 3.809 min Scan# 80

Delta R.T. 0.000 min

Lab File: VV036142.D

Acq: 19 Jun 2024 17:04

Instrument :

MSVOA\_V

ClientSampleId :

A4DJ5DL

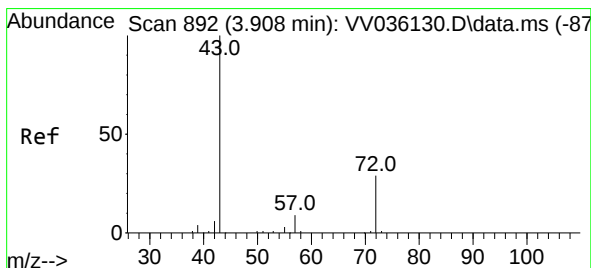
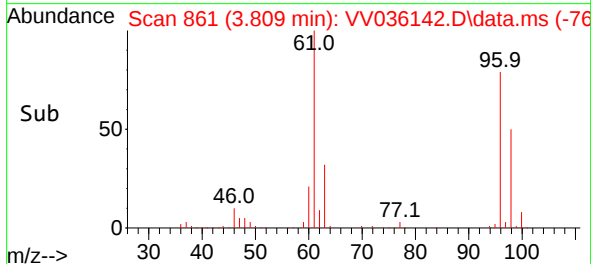
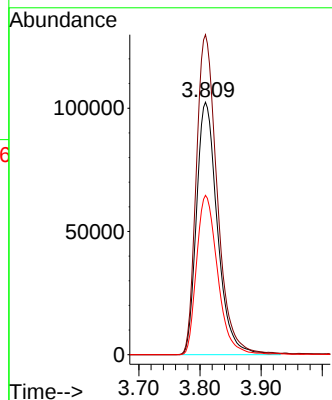
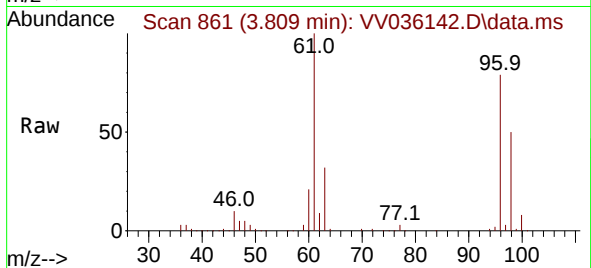
Tgt Ion: 96 Resp: 243738

Ion Ratio Lower Upper

96 100

61 126.7 87.9 163.3

98 63.1 44.4 82.5



#22

2-Butanone

Concen: 113.564 ug/L

RT: 3.892 min Scan# 887

Delta R.T. -0.016 min

Lab File: VV036142.D

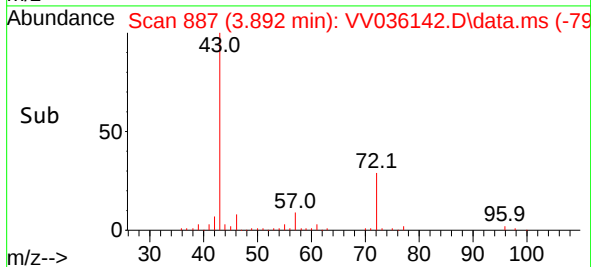
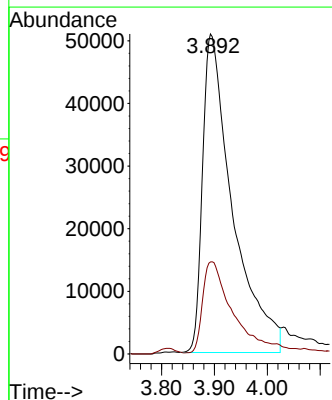
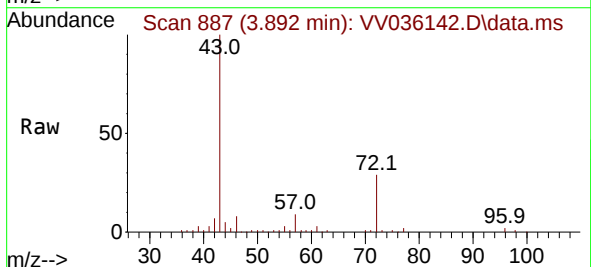
Acq: 19 Jun 2024 17:04

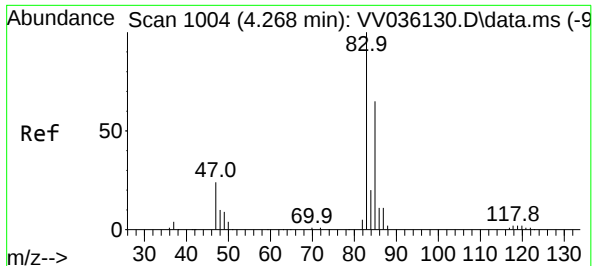
Tgt Ion: 43 Resp: 200358

Ion Ratio Lower Upper

43 100

72 25.5 8.2 24.4#





#25

Chloroform

Concen: 37.323 ug/L

RT: 4.269 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VV036142.D

Acq: 19 Jun 2024 17:04

Instrument :

MSVOA\_V

ClientSampleId :

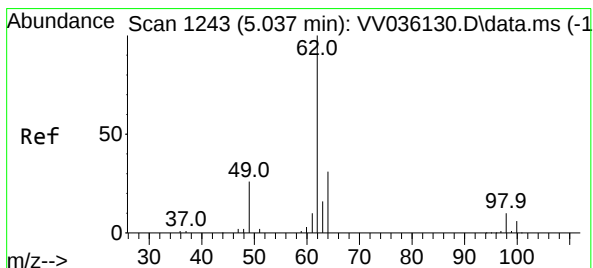
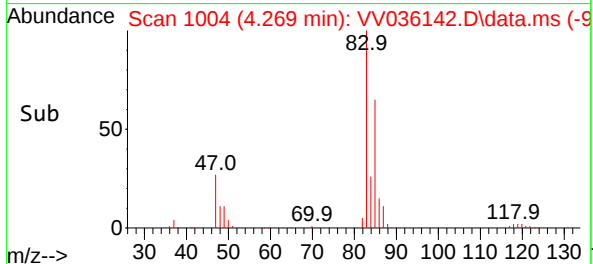
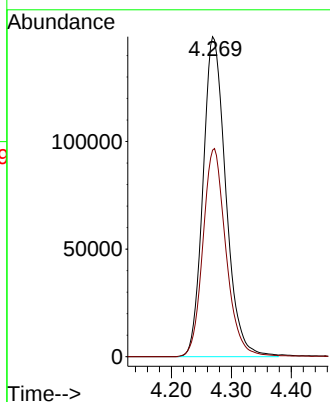
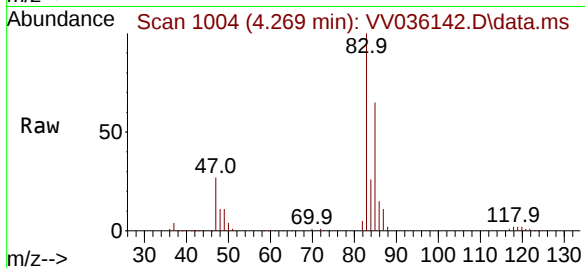
A4DJ5DL

Tgt Ion: 83 Resp: 393565

Ion Ratio Lower Upper

83 100

85 64.6 45.2 84.0



#27

1,2-Dichloroethane

Concen: 14.337 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV036142.D

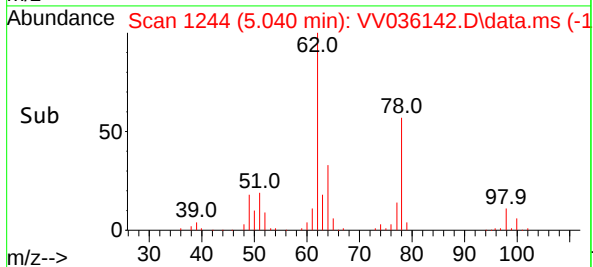
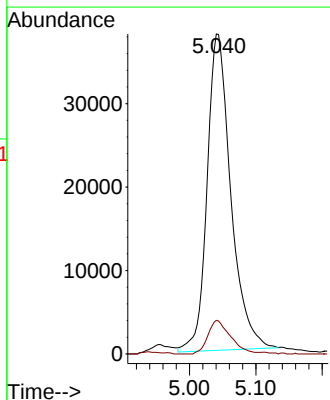
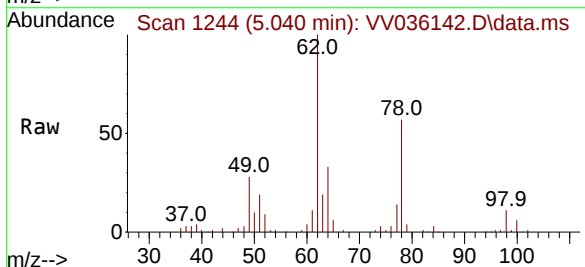
Acq: 19 Jun 2024 17:04

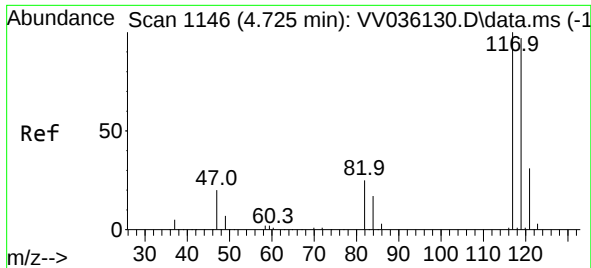
Tgt Ion: 62 Resp: 94385

Ion Ratio Lower Upper

62 100

98 10.5 7.8 11.6

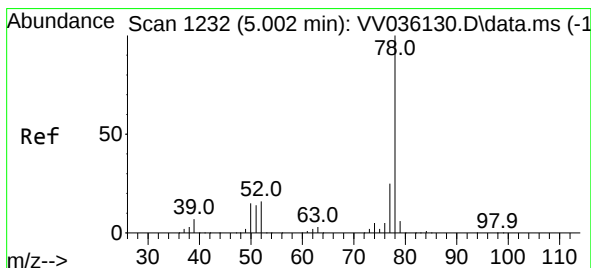
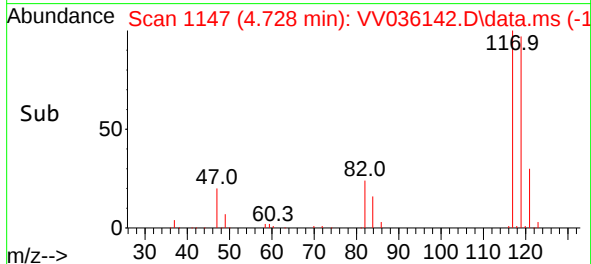
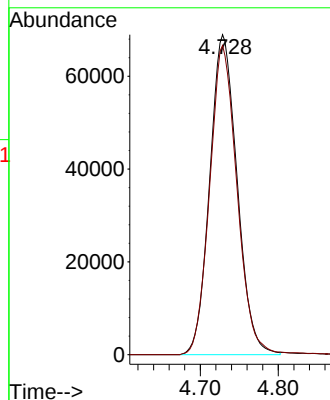
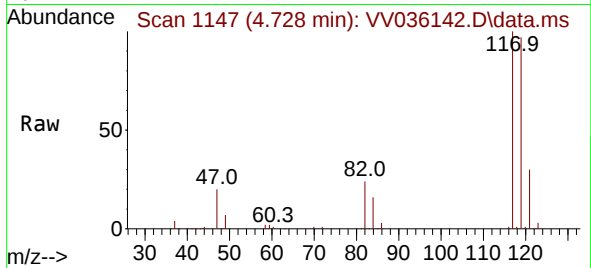




#31  
Carbon tetrachloride  
Concen: 20.771 ug/L  
RT: 4.728 min Scan# 1146  
Delta R.T. 0.003 min  
Lab File: VV036142.D  
Acq: 19 Jun 2024 17:04

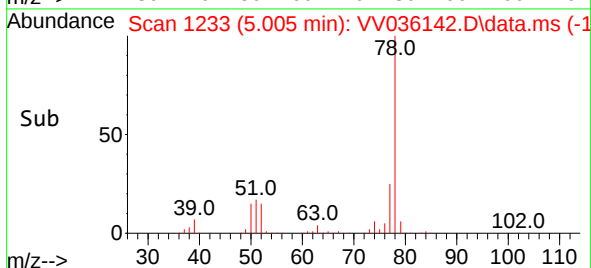
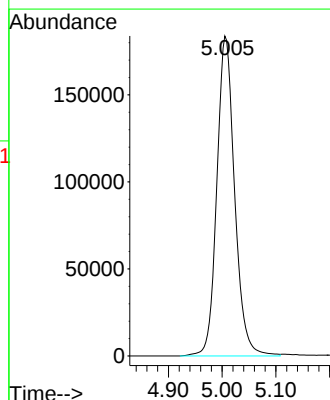
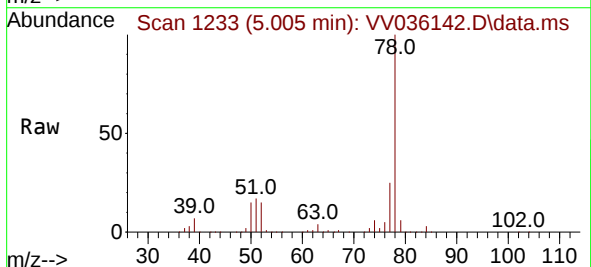
Instrument :  
MSVOA\_V  
ClientSampleId :  
A4DJ5DL

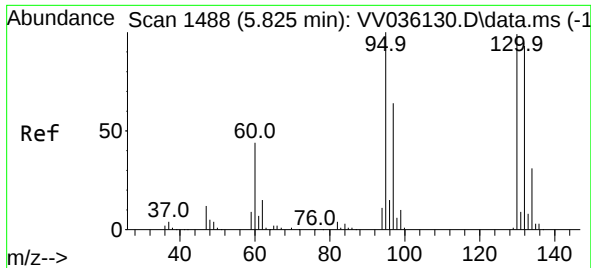
Tgt Ion:117 Resp: 168097  
Ion Ratio Lower Upper  
117 100  
119 96.5 76.8 115.2



#33  
Benzene  
Concen: 19.186 ug/L  
RT: 5.005 min Scan# 1233  
Delta R.T. 0.003 min  
Lab File: VV036142.D  
Acq: 19 Jun 2024 17:04

Tgt Ion: 78 Resp: 423414

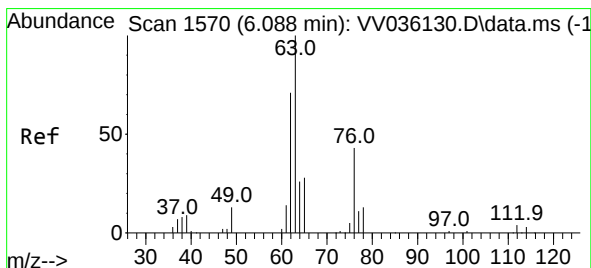
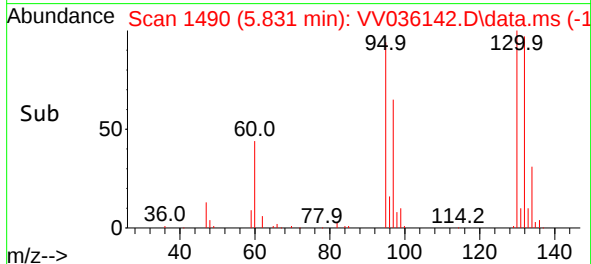
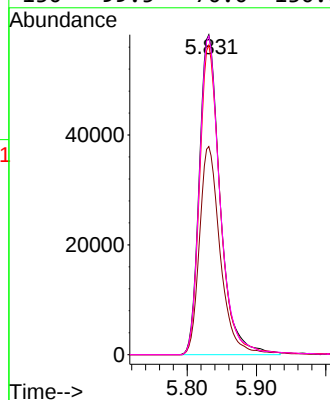
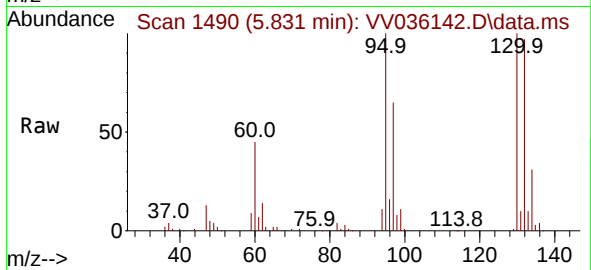




#34  
Trichloroethene  
Concen: 18.067 ug/L  
RT: 5.831 min Scan# 1488  
Delta R.T. 0.007 min  
Lab File: VV036142.D  
Acq: 19 Jun 2024 17:04

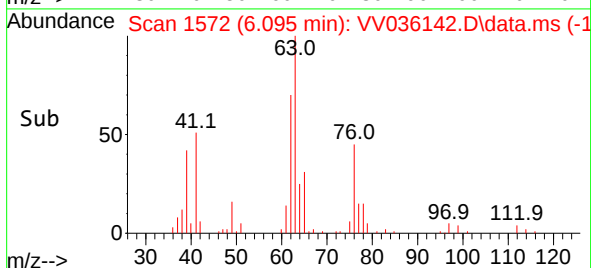
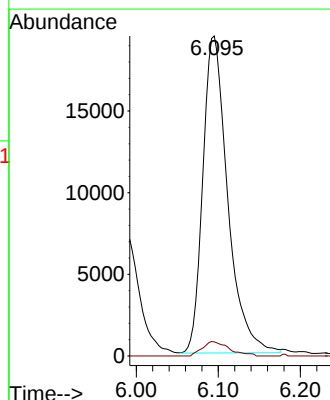
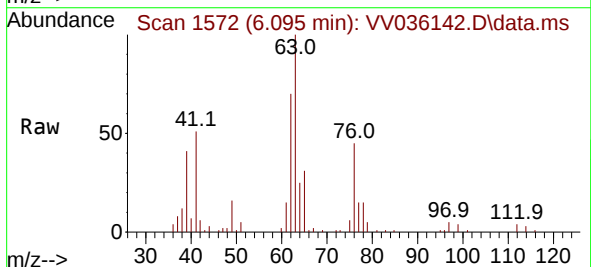
Instrument :  
MSVOA\_V  
ClientSampleId :  
A4DJ5DL

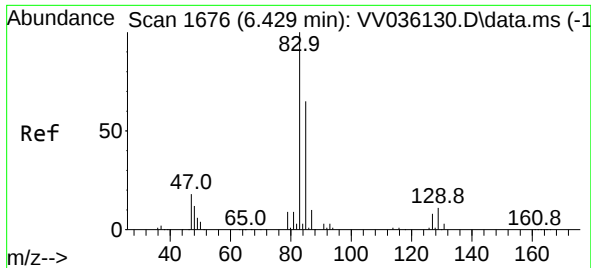
Tgt Ion: 95 Resp: 122202  
Ion Ratio Lower Upper  
95 100  
97 65.0 44.8 83.2  
132 96.8 66.8 124.2  
130 99.5 70.0 130.0



#37  
1,2-Dichloropropane  
Concen: 7.079 ug/L  
RT: 6.095 min Scan# 1572  
Delta R.T. 0.007 min  
Lab File: VV036142.D  
Acq: 19 Jun 2024 17:04

Tgt Ion: 63 Resp: 41025  
Ion Ratio Lower Upper  
63 100  
112 4.7 3.5 5.3

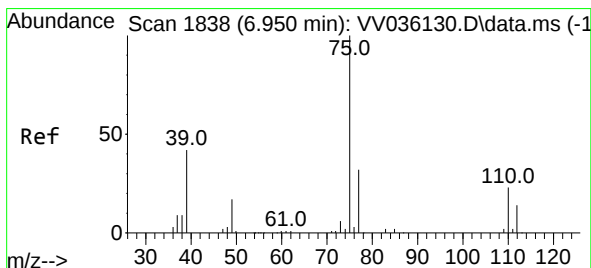
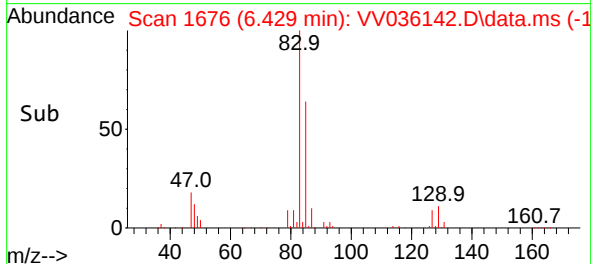
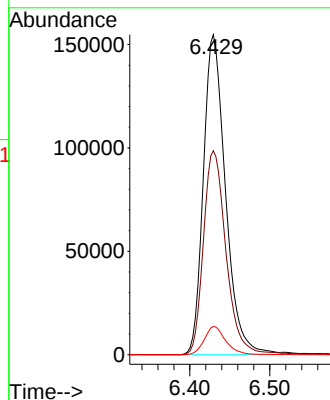
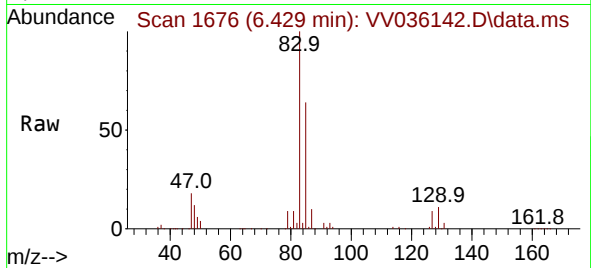




#38  
Bromodichloromethane  
Concen: 38.914 ug/L  
RT: 6.429 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VV036142.D  
Acq: 19 Jun 2024 17:04

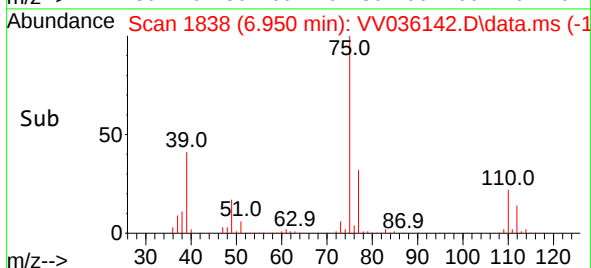
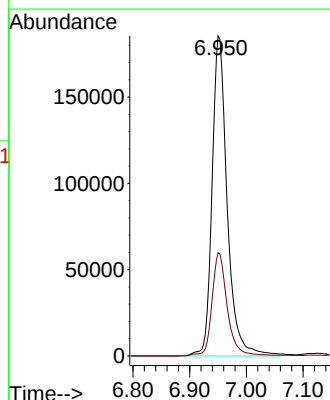
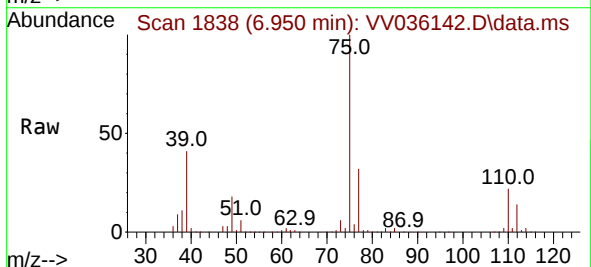
Instrument :  
MSVOA\_V  
ClientSampleId :  
A4DJ5DL

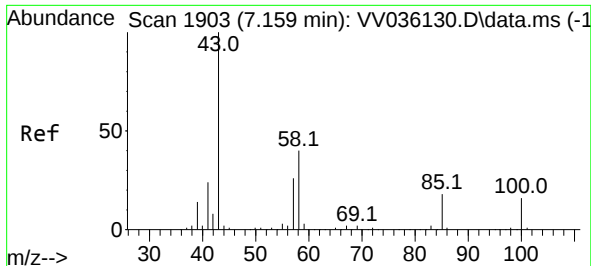
Tgt Ion: 83 Resp: 298479  
Ion Ratio Lower Upper  
83 100  
85 63.8 45.3 84.1  
127 8.8 6.7 10.1



#39  
cis-1,3-Dichloropropene  
Concen: 39.686 ug/L  
RT: 6.950 min Scan# 1838  
Delta R.T. 0.000 min  
Lab File: VV036142.D  
Acq: 19 Jun 2024 17:04

Tgt Ion: 75 Resp: 343973  
Ion Ratio Lower Upper  
75 100  
77 32.2 22.1 41.1





#40

4-Methyl-2-pentanone

Concen: 56.458 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV036142.D

Acq: 19 Jun 2024 17:04

Instrument :

MSVOA\_V

ClientSampleId :

A4DJ5DL

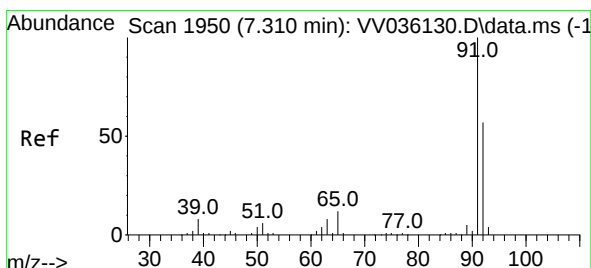
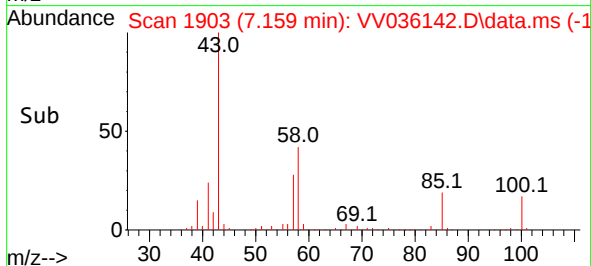
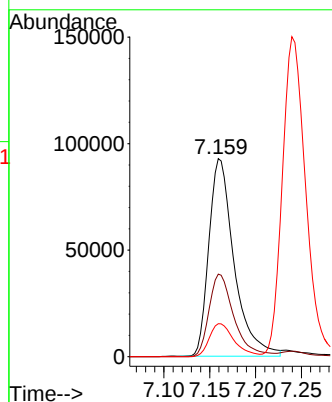
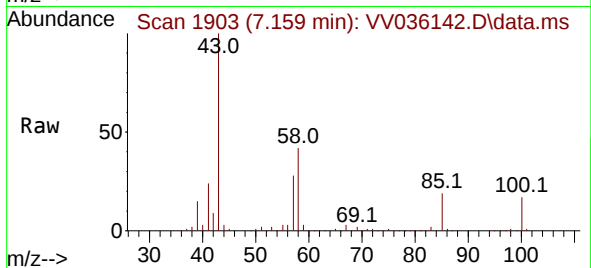
Tgt Ion: 43 Resp: 177753

Ion Ratio Lower Upper

43 100

58 41.2 32.5 48.7

100 16.4 12.5 18.7



#42

Toluene

Concen: 16.806 ug/L

RT: 7.314 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV036142.D

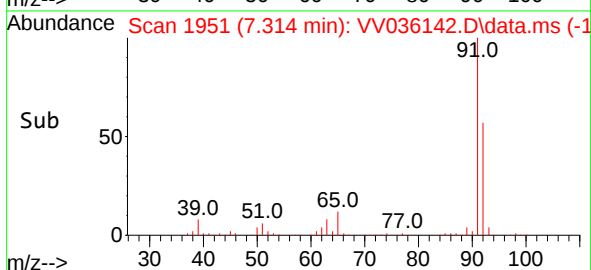
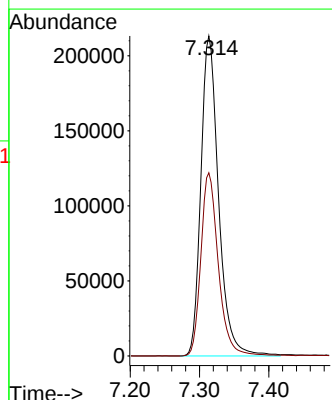
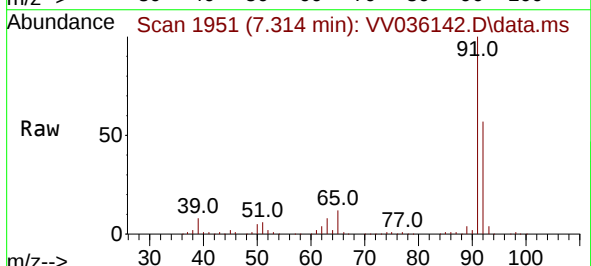
Acq: 19 Jun 2024 17:04

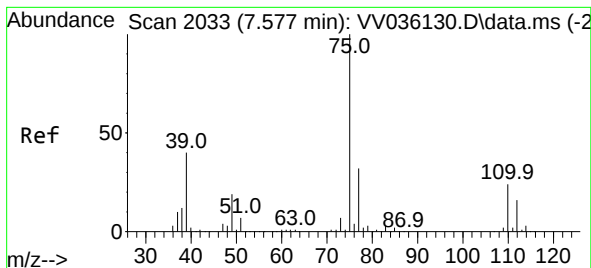
Tgt Ion: 91 Resp: 378991

Ion Ratio Lower Upper

91 100

92 57.3 40.6 75.4





#44

trans-1,3-Dichloropropene

Concen: 24.154 ug/L

RT: 7.580 min Scan# 2033

Delta R.T. 0.003 min

Lab File: VV036142.D

Acq: 19 Jun 2024 17:04

Instrument :

MSVOA\_V

ClientSampleId :

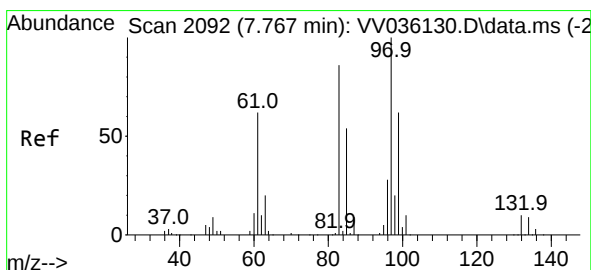
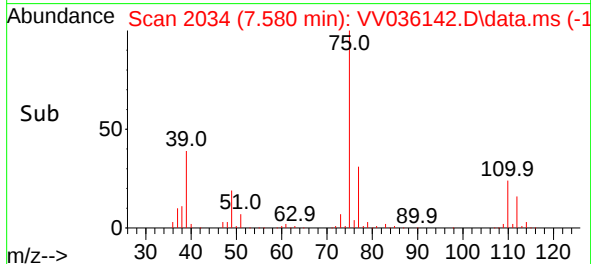
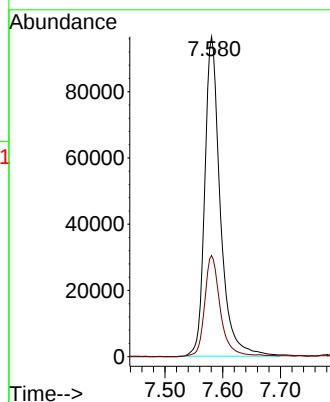
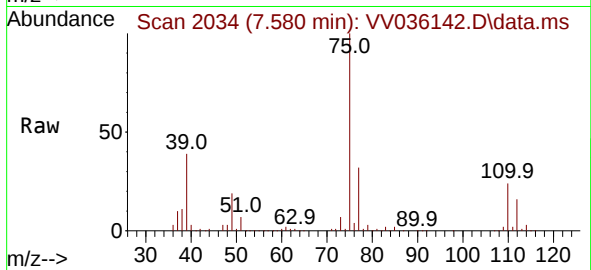
A4DJ5DL

Tgt Ion: 75 Resp: 180826

Ion Ratio Lower Upper

75 100

77 31.6 23.1 42.9



#45

1,1,2-Trichloroethane

Concen: 13.678 ug/L

RT: 7.770 min Scan# 2093

Delta R.T. 0.003 min

Lab File: VV036142.D

Acq: 19 Jun 2024 17:04

Tgt Ion: 97 Resp: 65585

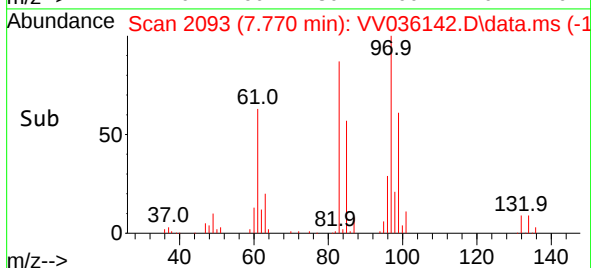
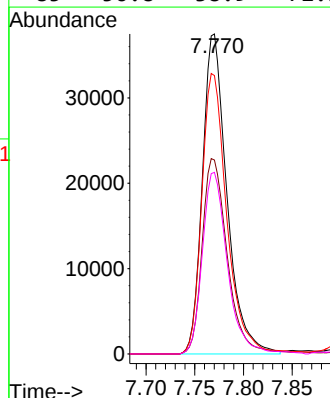
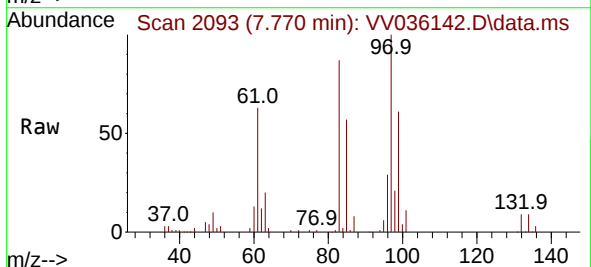
Ion Ratio Lower Upper

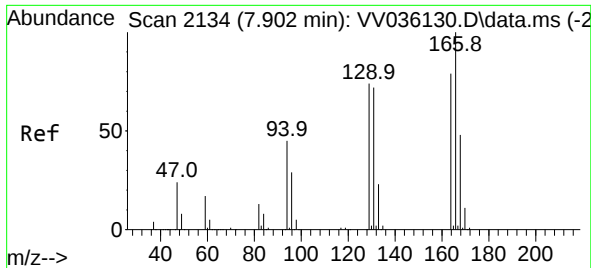
97 100

99 60.6 43.3 80.5

83 87.0 60.1 111.7

85 56.8 38.9 72.3



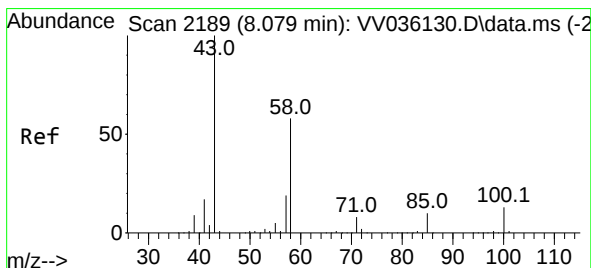
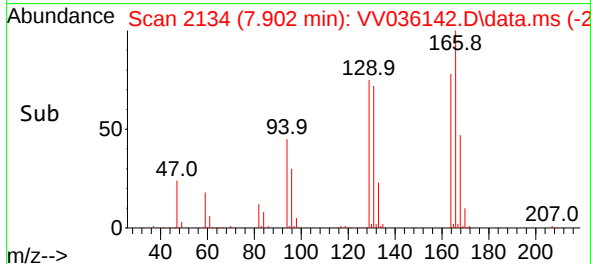
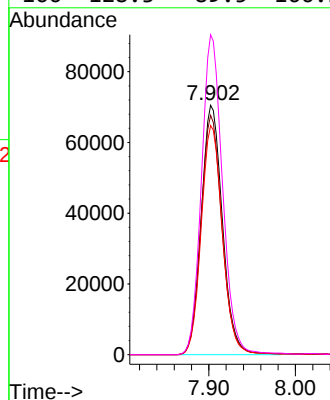
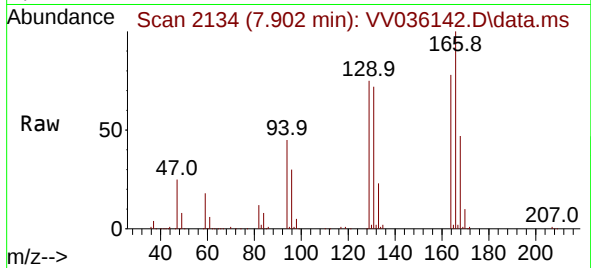


#46  
Tetrachloroethene  
Concen: 24.200 ug/L  
RT: 7.902 min Scan# 2134  
Delta R.T. 0.000 min  
Lab File: VV036142.D  
Acq: 19 Jun 2024 17:04

Instrument :  
MSVOA\_V  
ClientSampleId :  
A4DJ5DL

Tgt Ion:164 Resp: 119715

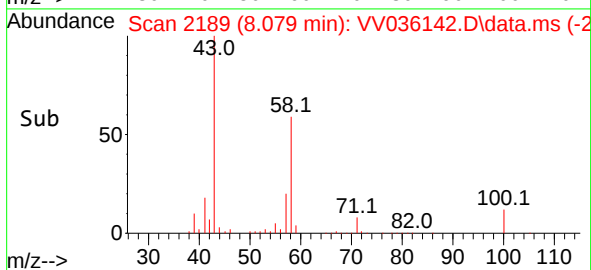
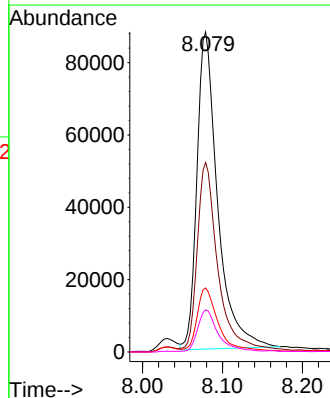
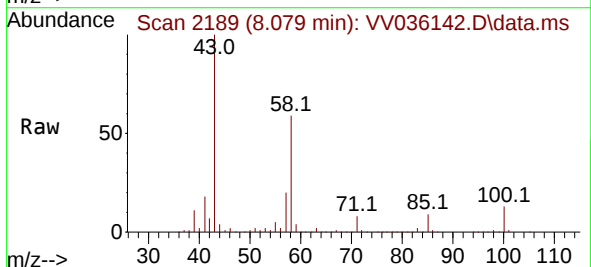
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 96.0  | 64.6  | 120.0 |
| 131 | 91.8  | 63.2  | 117.4 |
| 166 | 128.3 | 89.5  | 166.3 |

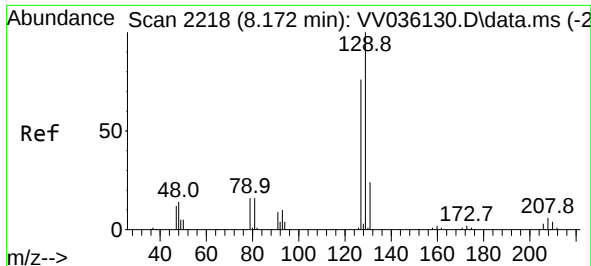


#48  
2-Hexanone  
Concen: 64.319 ug/L  
RT: 8.079 min Scan# 2189  
Delta R.T. 0.000 min  
Lab File: VV036142.D  
Acq: 19 Jun 2024 17:04

Tgt Ion: 43 Resp: 158314

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 59.1  | 45.4  | 68.0  |
| 57  | 20.5  | 15.8  | 23.8  |
| 100 | 12.9  | 9.8   | 14.8  |





#49

Dibromochloromethane

Concen: 45.000 ug/L

RT: 8.175 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV036142.D

Acq: 19 Jun 2024 17:04

Instrument :

MSVOA\_V

ClientSampleId :

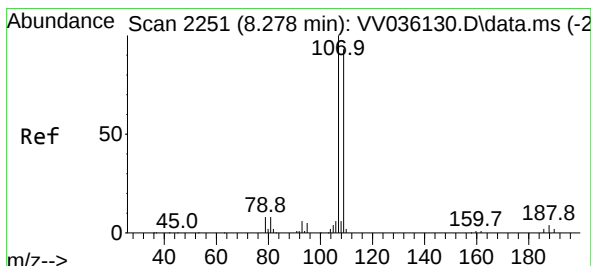
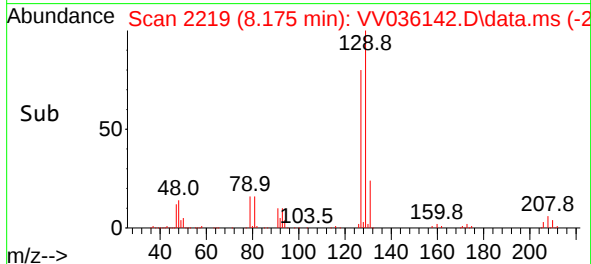
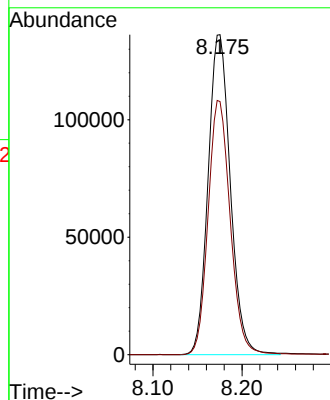
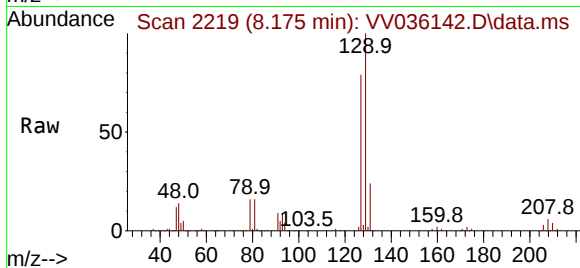
A4DJ5DL

Tgt Ion:129 Resp: 236145

Ion Ratio Lower Upper

129 100

127 79.1 53.9 100.1



#50

1,2-Dibromoethane

Concen: 38.148 ug/L

RT: 8.281 min Scan# 2252

Delta R.T. 0.003 min

Lab File: VV036142.D

Acq: 19 Jun 2024 17:04

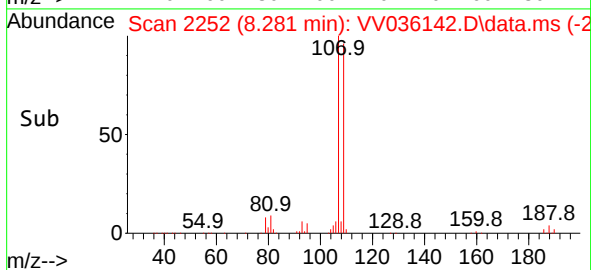
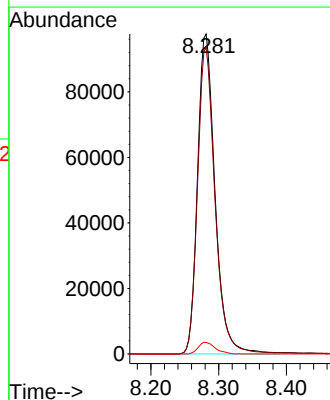
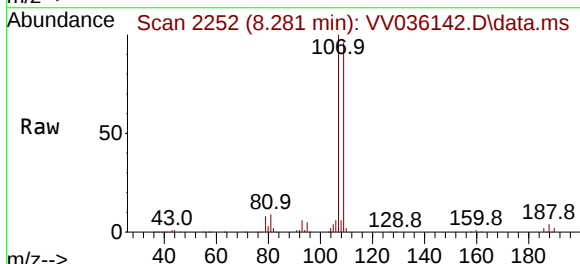
Tgt Ion:107 Resp: 175513

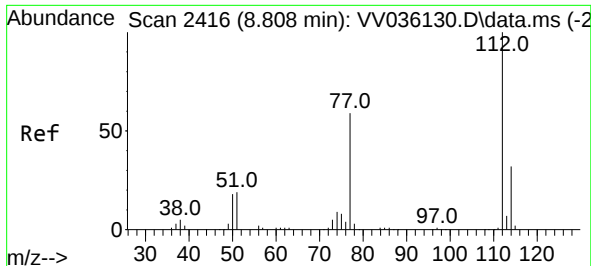
Ion Ratio Lower Upper

107 100

109 95.9 66.1 122.7

188 3.6 3.0 4.6

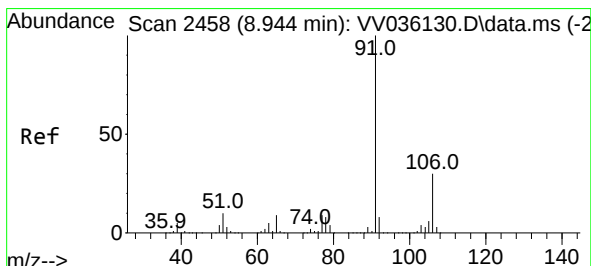
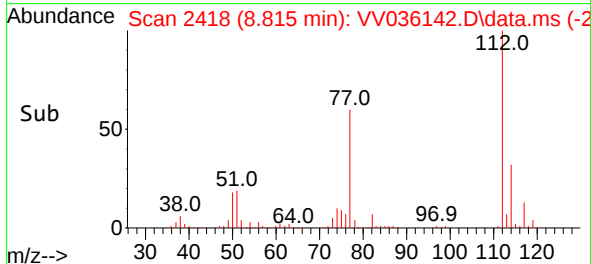
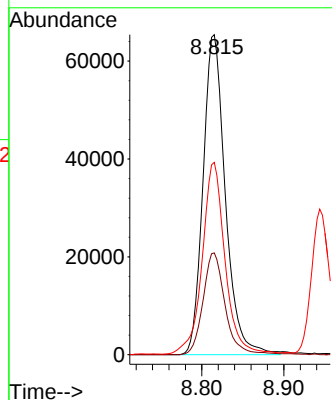
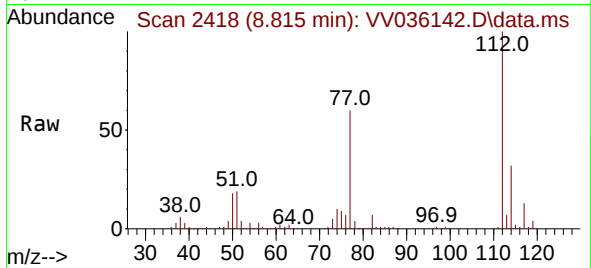




#51  
Chlorobenzene  
Concen: 8.035 ug/L  
RT: 8.815 min Scan# 2416  
Delta R.T. 0.007 min  
Lab File: VV036142.D  
Acq: 19 Jun 2024 17:04

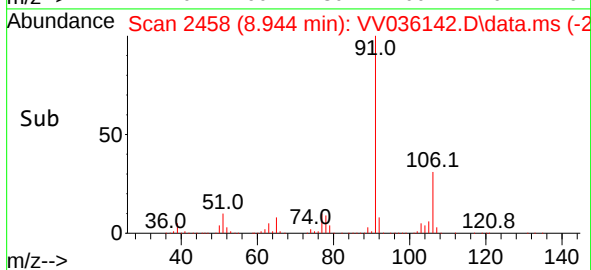
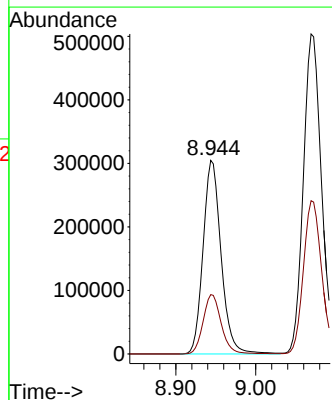
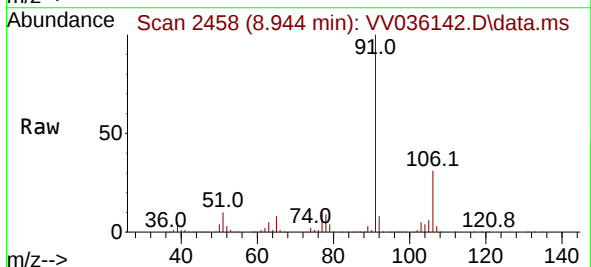
Instrument :  
MSVOA\_V  
ClientSampleId :  
A4DJ5DL

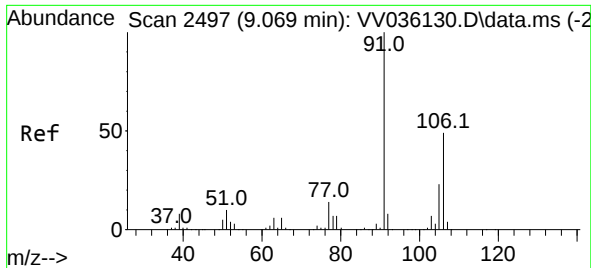
Tgt Ion:112 Resp: 123460  
Ion Ratio Lower Upper  
112 100  
114 31.8 22.3 41.5  
77 60.1 47.3 70.9



#52  
Ethylbenzene  
Concen: 19.881 ug/L  
RT: 8.944 min Scan# 2458  
Delta R.T. 0.000 min  
Lab File: VV036142.D  
Acq: 19 Jun 2024 17:04

Tgt Ion: 91 Resp: 479686  
Ion Ratio Lower Upper  
91 100  
106 30.7 21.6 40.0

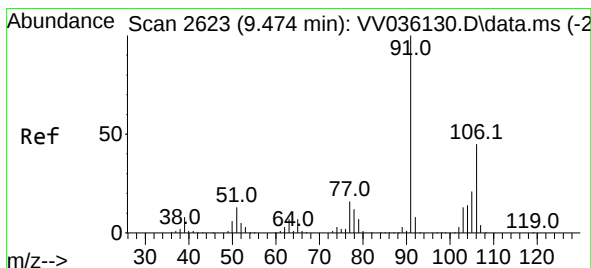
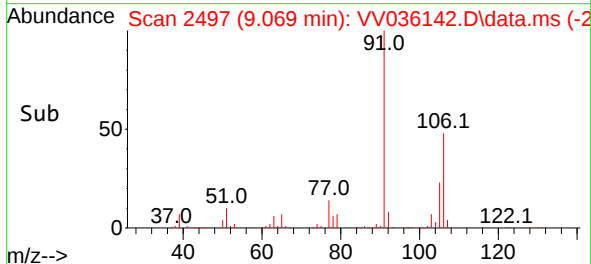
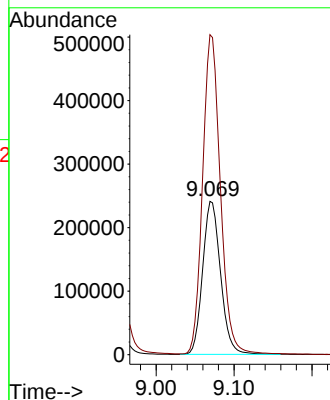
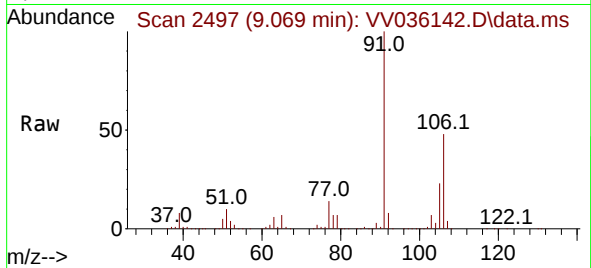




#53  
m,p-Xylene  
Concen: 42.490 ug/L  
RT: 9.069 min Scan# 2497  
Delta R.T. 0.000 min  
Lab File: VV036142.D  
Acq: 19 Jun 2024 17:04

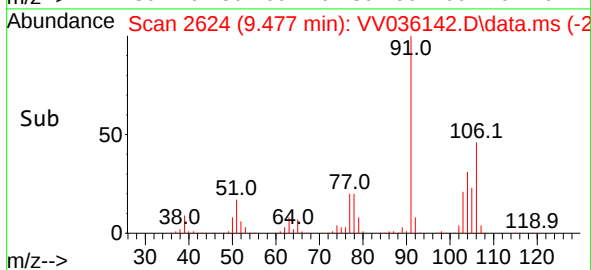
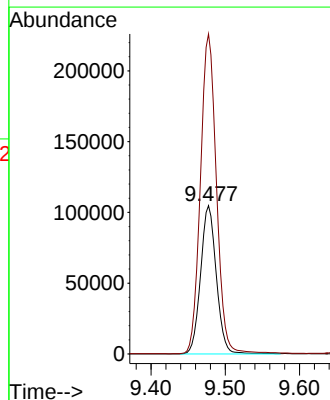
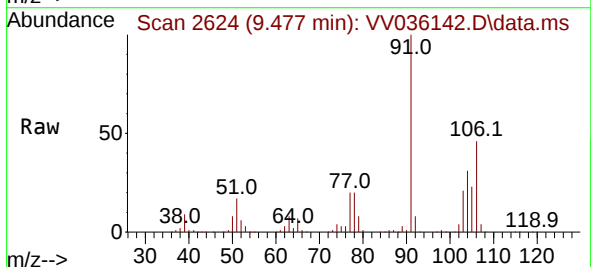
Instrument :  
MSVOA\_V  
ClientSampleId :  
A4DJ5DL

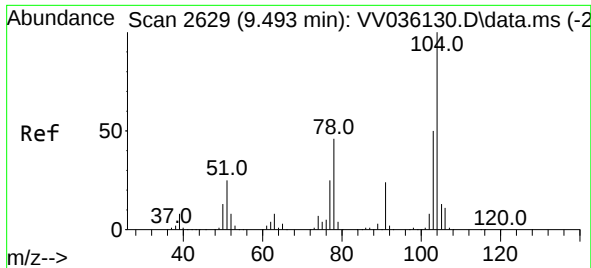
Tgt Ion:106 Resp: 385205  
Ion Ratio Lower Upper  
106 100  
91 208.7 143.1 265.9



#54  
o-Xylene  
Concen: 18.034 ug/L  
RT: 9.477 min Scan# 2624  
Delta R.T. 0.003 min  
Lab File: VV036142.D  
Acq: 19 Jun 2024 17:04

Tgt Ion:106 Resp: 154182  
Ion Ratio Lower Upper  
106 100  
91 215.8 154.5 286.9

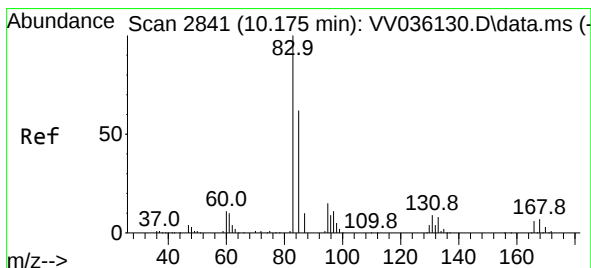
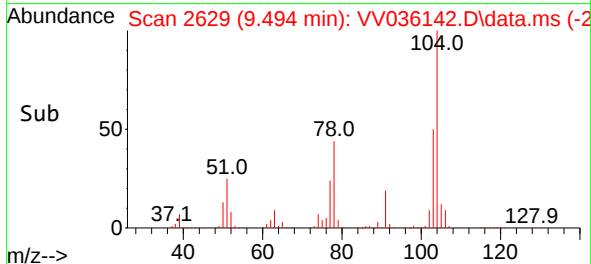
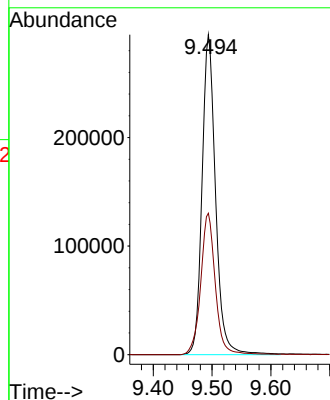
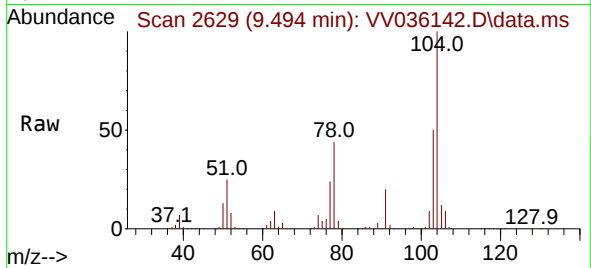




#55  
Styrene  
Concen: 31.229 ug/L  
RT: 9.494 min Scan# 2629  
Delta R.T. 0.000 min  
Lab File: VV036142.D  
Acq: 19 Jun 2024 17:04

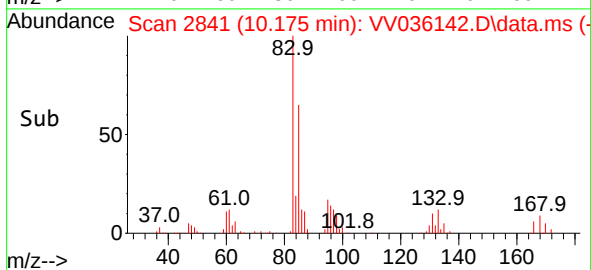
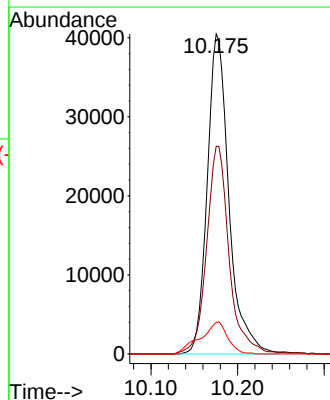
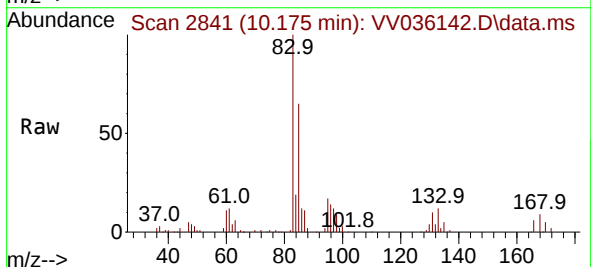
Instrument :  
MSVOA\_V  
ClientSampleId :  
A4DJ5DL

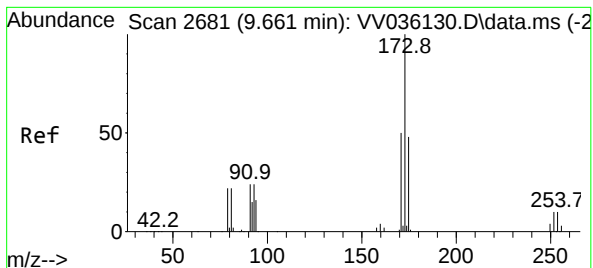
Tgt Ion:104 Resp: 470822  
Ion Ratio Lower Upper  
104 100  
78 44.2 31.4 58.2



#57  
1,1,2,2-Tetrachloroethane  
Concen: 16.394 ug/L  
RT: 10.175 min Scan# 2841  
Delta R.T. 0.000 min  
Lab File: VV036142.D  
Acq: 19 Jun 2024 17:04

Tgt Ion: 83 Resp: 70386  
Ion Ratio Lower Upper  
83 100  
85 64.9 45.1 83.7  
131 9.8 7.6 11.4





#59

Bromoform

Concen: 13.237 ug/L

RT: 9.664 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV036142.D

Acq: 19 Jun 2024 17:04

Instrument :

MSVOA\_V

ClientSampleId :

A4DJ5DL

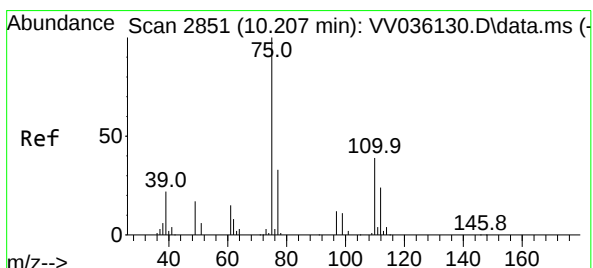
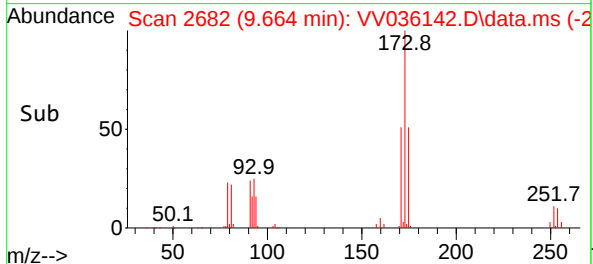
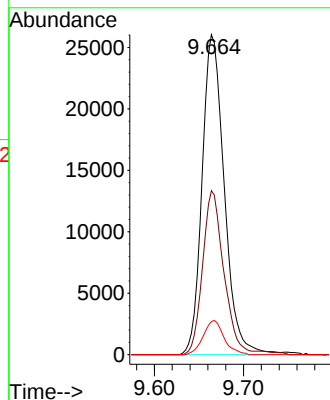
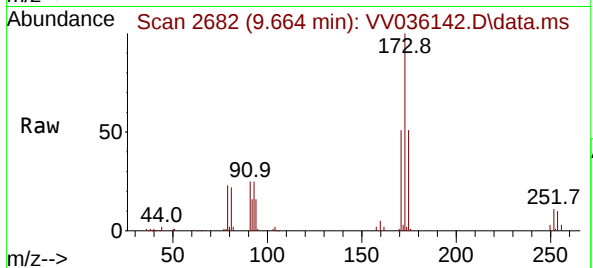
Tgt Ion:173 Resp: 45102

Ion Ratio Lower Upper

173 100

175 48.7 39.0 58.6

254 10.0 8.6 13.0



#61

1,2,3-Trichloropropane

Concen: 30.842 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. 0.000 min

Lab File: VV036142.D

Acq: 19 Jun 2024 17:04

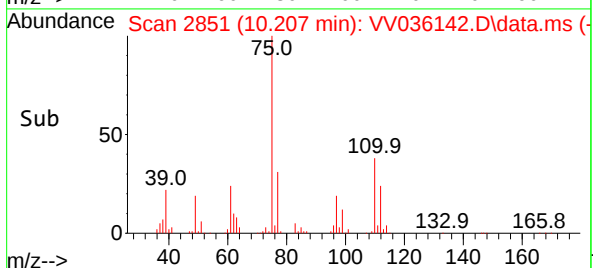
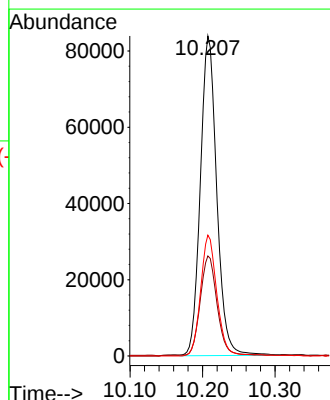
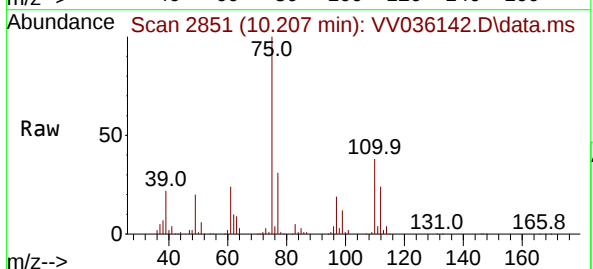
Tgt Ion: 75 Resp: 131795

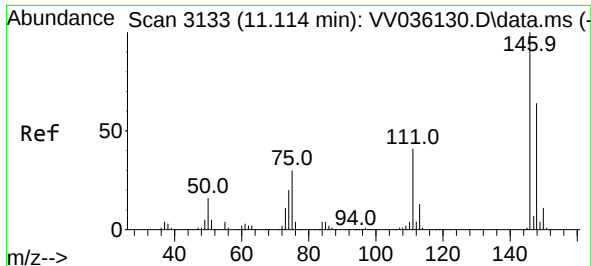
Ion Ratio Lower Upper

75 100

77 31.3 26.0 39.0

110 37.3 32.2 48.4

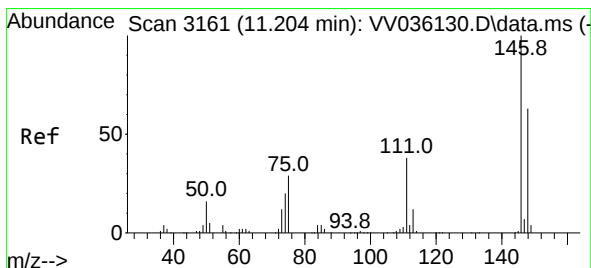
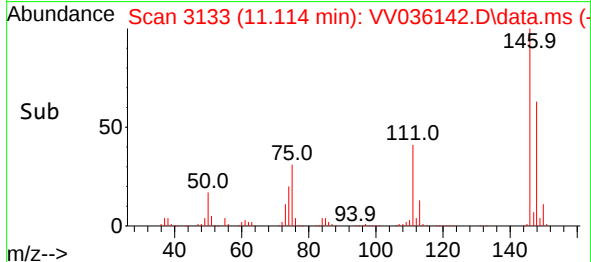
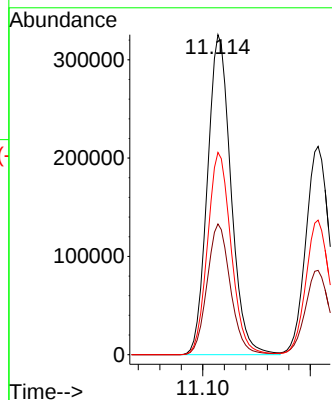
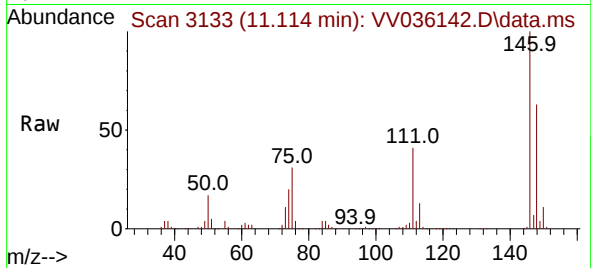




#64  
1,3-Dichlorobenzene  
Concen: 40.624 ug/L  
RT: 11.114 min Scan# 3133  
Delta R.T. 0.000 min  
Lab File: VV036142.D  
Acq: 19 Jun 2024 17:04

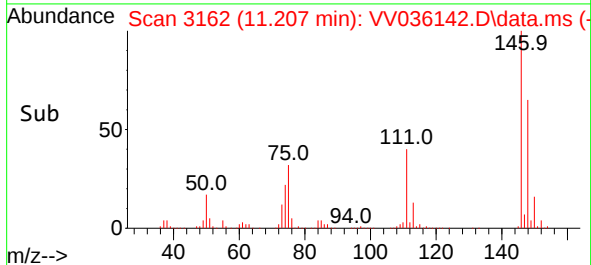
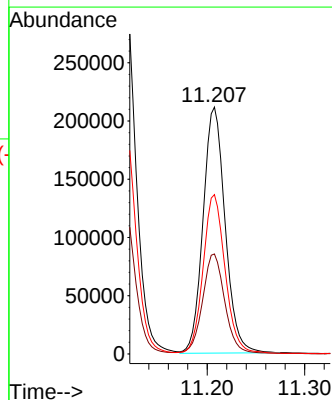
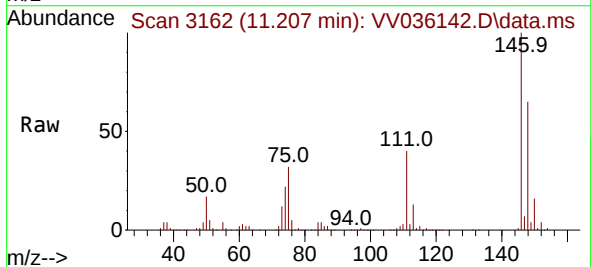
Instrument :  
MSVOA\_V  
ClientSampleId :  
A4DJ5DL

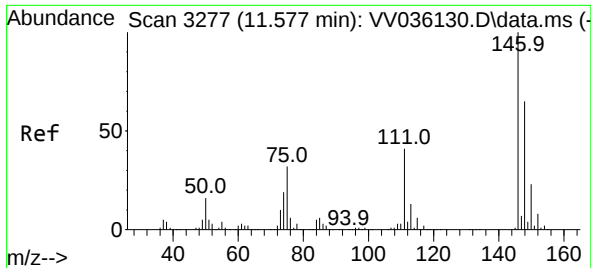
Tgt Ion:146 Resp: 494533  
Ion Ratio Lower Upper  
146 100  
111 40.8 28.1 52.1  
148 63.2 44.7 83.1



#65  
1,4-Dichlorobenzene  
Concen: 26.488 ug/L  
RT: 11.207 min Scan# 3162  
Delta R.T. 0.003 min  
Lab File: VV036142.D  
Acq: 19 Jun 2024 17:04

Tgt Ion:146 Resp: 332817  
Ion Ratio Lower Upper  
146 100  
111 40.5 26.9 50.1  
148 64.6 44.5 82.7

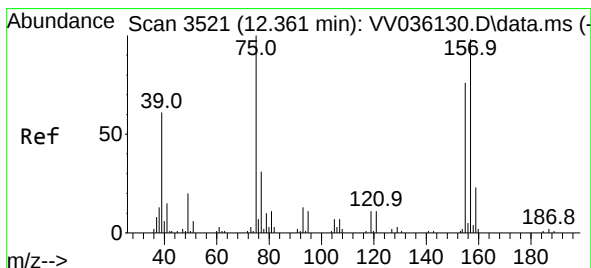
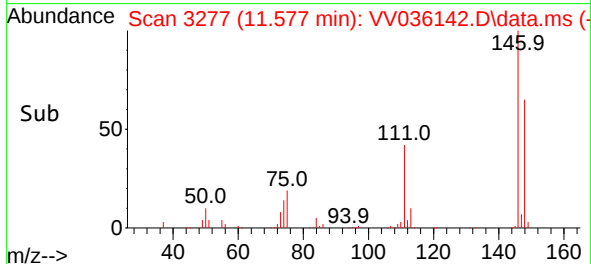
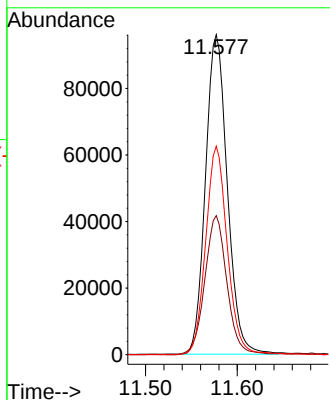
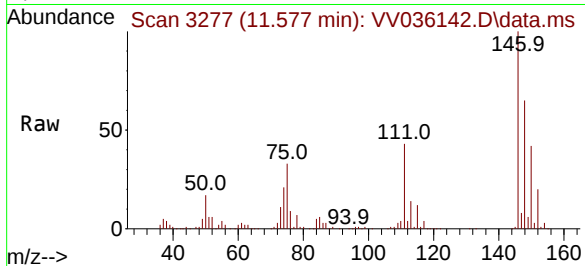




#67  
1,2-Dichlorobenzene  
Concen: 13.860 ug/L  
RT: 11.577 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VV036142.D  
Acq: 19 Jun 2024 17:04

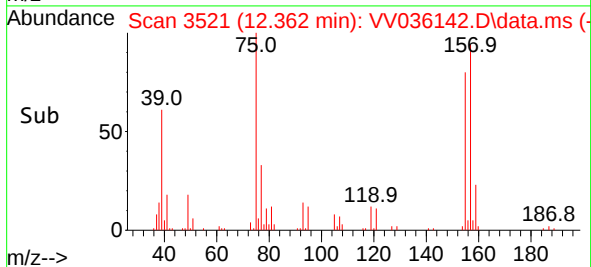
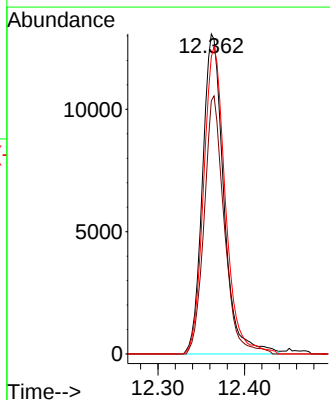
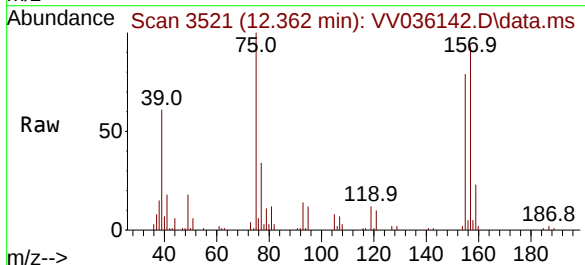
Instrument :  
MSVOA\_V  
ClientSampleId :  
A4DJ5DL

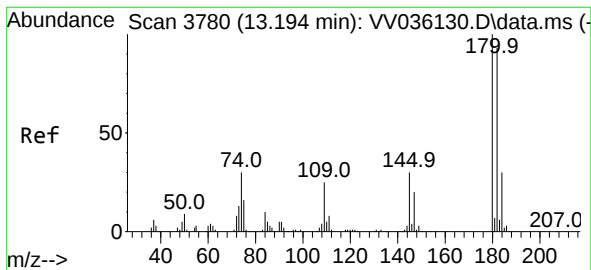
Tgt Ion:146 Resp: 158773  
Ion Ratio Lower Upper  
146 100  
111 43.4 33.5 50.3  
148 65.1 50.9 76.3



#68  
1,2-Dibromo-3-chloropropane  
Concen: 23.367 ug/L  
RT: 12.362 min Scan# 3521  
Delta R.T. 0.000 min  
Lab File: VV036142.D  
Acq: 19 Jun 2024 17:04

Tgt Ion: 75 Resp: 22328  
Ion Ratio Lower Upper  
75 100  
155 79.1 63.3 94.9  
157 92.9 82.4 123.6





#70

1,2,4-trichlorobenzene

Concen: 11.122 ug/L

RT: 13.198 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV036142.D

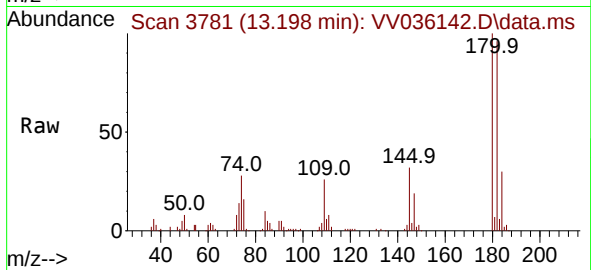
Acq: 19 Jun 2024 17:04

Instrument :

MSVOA\_V

ClientSampleId :

A4DJ5DL



Tgt Ion:180 Resp: 79739

Ion Ratio Lower Upper

180 100

182 95.3 76.1 114.1

145 30.5 23.5 35.3

