

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012125\  
 Data File : VX044675.D  
 Acq On : 21 Jan 2025 10:53  
 Operator :  
 Sample : VSTD00555  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jan 22 00:58:30 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML012125WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jan 22 00:56:43 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Difluorobenzene        | 6.751  | 114  | 365750   | 50.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.049 | 117  | 315559   | 50.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.018 | 152  | 126430   | 50.000 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 4) Vinyl Chloride-d3          | 1.368  | 65   | 11368    | 3.752  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.648  | 69   | 2742     | 3.171  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.300  | 65   | 5070     | 4.254  | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 4.581  | 46   | 182      | 0.116  | ug/L   | 0.13     |
| 24) Chloroform-d              | 5.044  | 84   | 23012    | 4.411  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.946  | 65   | 17792    | 5.171  | ug/L   | 0.00     |
| 32) Benzene-d6                | 5.958  | 84   | 47118    | 4.474  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 7.300  | 67   | 14529    | 4.365  | ug/L   | 0.00     |
| 41) Toluene-d8                | 8.647  | 98   | 43434    | 4.613  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.952  | 79   | 7302     | 4.280  | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 9.391  | 63   | 8427     | 8.812  | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189 | 84   | 19379    | 4.830  | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.317 | 152  | 12669    | 4.663  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.167  | 85   | 11305    | 5.342  | ug/L   | 92       |
| 3) Chloromethane              | 1.295  | 50   | 12854    | 4.968  | ug/L   | 91       |
| 5) Vinyl chloride             | 1.374  | 62   | 13021    | 5.022  | ug/L   | 84       |
| 6) Bromomethane               | 1.599  | 94   | 3228     | 5.291  | ug/L   | 93       |
| 8) Chloroethane               | 1.666  | 64   | 1986     | 4.180  | ug/L   | 89       |
| 9) Trichlorofluoromethane     | 1.868  | 101  | 13069    | 5.571  | ug/L   | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.313  | 101  | 9683     | 4.922  | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.307  | 96   | 8482     | 4.634  | ug/L # | 74       |
| 13) Acetone                   | 2.386  | 43   | 11784    | 12.431 | ug/L   | 99       |
| 14) Carbon disulfide          | 2.502  | 76   | 27955    | 4.867  | ug/L   | 97       |
| 15) Methyl Acetate            | 2.703  | 43   | 11587    | 5.100  | ug/L   | 99       |
| 16) Methylene chloride        | 2.782  | 84   | 11204    | 4.948  | ug/L   | 95       |
| 17) trans-1,2-Dichloroethene  | 3.081  | 96   | 10313    | 5.031  | ug/L   | 96       |
| 18) Methyl tert-butyl Ether   | 3.111  | 73   | 36371    | 4.930  | ug/L   | 98       |
| 19) 1,1-Dichloroethane        | 3.599  | 63   | 19564    | 4.824  | ug/L   | 97       |
| 20) cis-1,2-Dichloroethene    | 4.477  | 96   | 12193    | 4.925  | ug/L   | 98       |
| 22) 2-Butanone                | 4.574  | 43   | 14112    | 9.753  | ug/L   | 94       |
| 23) Bromochloromethane        | 4.885  | 128  | 5859     | 4.829  | ug/L   | 95       |
| 25) Chloroform                | 5.087  | 83   | 20428    | 4.915  | ug/L   | 98       |
| 27) 1,2-Dichloroethane        | 6.080  | 62   | 15518    | 4.838  | ug/L   | 99       |
| 29) Cyclohexane               | 5.458  | 56   | 19029    | 5.035  | ug/L   | 98       |
| 30) 1,1,1-Trichloroethane     | 5.367  | 97   | 17644    | 4.932  | ug/L # | 52       |
| 31) Carbon tetrachloride      | 5.666  | 117  | 15462    | 5.031  | ug/L   | 98       |
| 33) Benzene                   | 6.025  | 78   | 41735    | 4.709  | ug/L   | 100      |
| 34) Trichloroethene           | 7.117  | 95   | 11247    | 4.875  | ug/L   | 93       |
| 35) Methylcyclohexane         | 7.367  | 83   | 17833    | 4.697  | ug/L   | 93       |
| 37) 1,2-Dichloropropane       | 7.422  | 63   | 11960    | 4.993  | ug/L   | 100      |
| 38) Bromodichloromethane      | 7.818  | 83   | 15545    | 4.792  | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 8.366  | 75   | 19883    | 4.827  | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 8.574  | 43   | 27752    | 9.660  | ug/L   | 97       |
| 42) Toluene                   | 8.714  | 91   | 44816    | 4.881  | ug/L   | 96       |
| 44) trans-1,3-Dichloropropene | 8.976  | 75   | 17442    | 4.680  | ug/L   | 90       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012125\  
 Data File : VX044675.D  
 Acq On : 21 Jan 2025 10:53  
 Operator :  
 Sample : VSTD00555  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jan 22 00:58:30 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML012125WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jan 22 00:56:43 2025  
 Response via : Initial Calibration

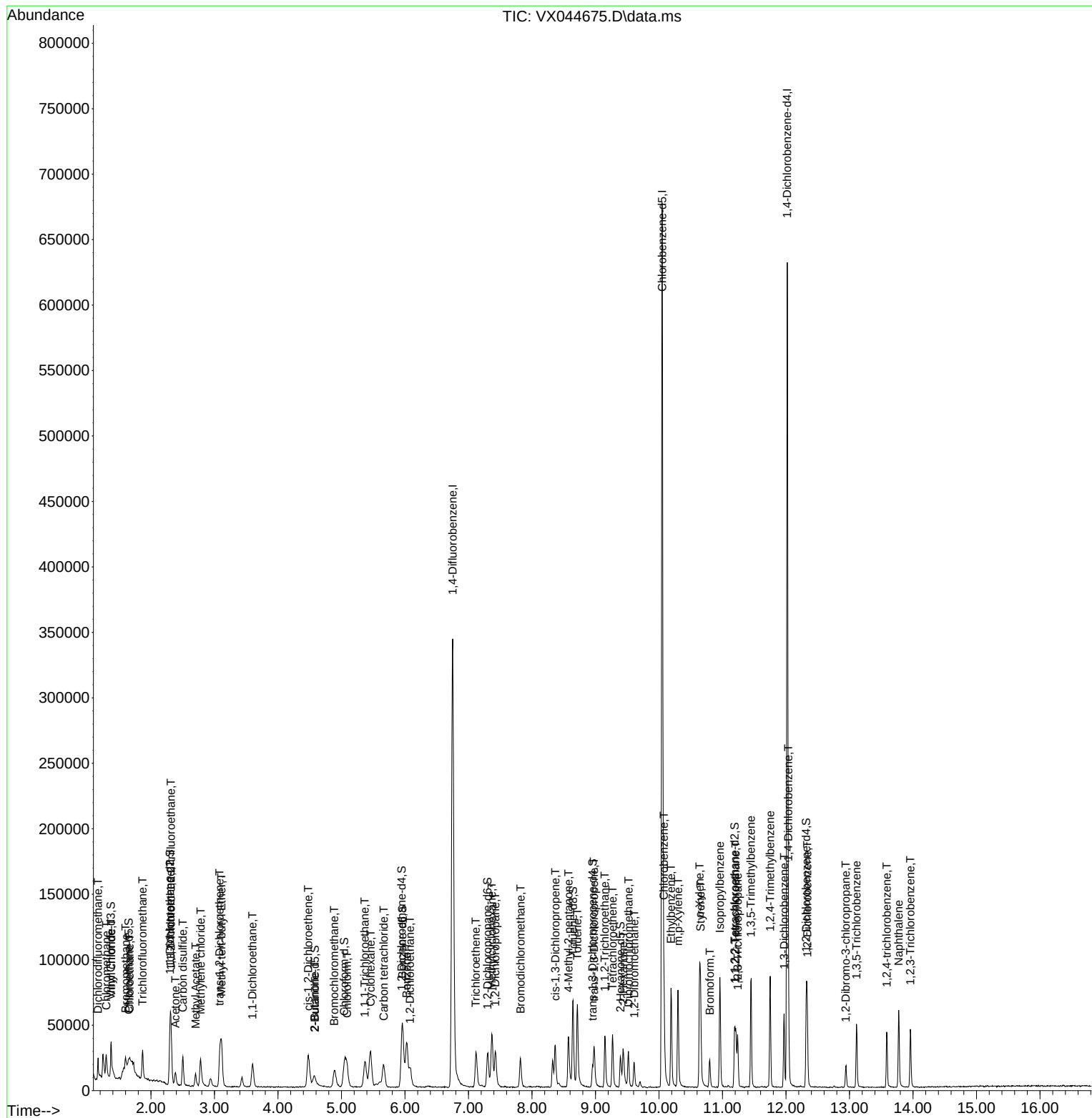
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| 45) 1,1,2-Trichloroethane     | 9.147  | 97   | 11754    | 5.040  | ug/L   | 99       |
| 46) Tetrachloroethene         | 9.269  | 164  | 7774     | 4.919  | ug/L   | 93       |
| 48) 2-Hexanone                | 9.433  | 43   | 21643    | 10.237 | ug/L   | 98       |
| 49) Dibromochloromethane      | 9.519  | 129  | 11744    | 4.863  | ug/L   | 98       |
| 50) 1,2-Dibromoethane         | 9.610  | 107  | 11563    | 4.866  | ug/L # | 96       |
| 51) Chlorobenzene             | 10.073 | 112  | 27995    | 4.941  | ug/L   | 97       |
| 52) Ethylbenzene              | 10.189 | 91   | 48263    | 4.875  | ug/L   | 97       |
| 53) m,p-Xylene                | 10.299 | 106  | 17989    | 4.857  | ug/L   | 92       |
| 54) o-Xylene                  | 10.640 | 106  | 18580    | 5.054  | ug/L   | 99       |
| 55) Styrene                   | 10.653 | 104  | 28415    | 4.773  | ug/L   | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 11.207 | 83   | 17576    | 5.190  | ug/L   | 96       |
| 59) Bromoform                 | 10.799 | 173  | 8271     | 5.172  | ug/L   | 97       |
| 60) Isopropylbenzene          | 10.957 | 105  | 46509    | 5.175  | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 11.238 | 75   | 13582    | 5.473  | ug/L   | 96       |
| 62) 1,3,5-Trimethylbenzene    | 11.445 | 105  | 37798    | 5.066  | ug/L   | 100      |
| 63) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 36981    | 5.095  | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 11.969 | 146  | 17809    | 4.936  | ug/L   | 96       |
| 65) 1,4-Dichlorobenzene       | 12.037 | 146  | 18579    | 5.133  | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene       | 12.335 | 146  | 18013    | 4.978  | ug/L   | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.939 | 75   | 3729     | 5.227  | ug/L   | 91       |
| 69) 1,3,5-Trichlorobenzene    | 13.110 | 180  | 11961    | 5.089  | ug/L   | 94       |
| 70) 1,2,4-trichlorobenzene    | 13.585 | 180  | 10036    | 4.742  | ug/L   | 98       |
| 71) Naphthalene               | 13.774 | 128  | 38033    | 4.691  | ug/L   | 98       |
| 72) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 10551    | 4.854  | ug/L   | 99       |
| -----                         |        |      |          |        |        |          |

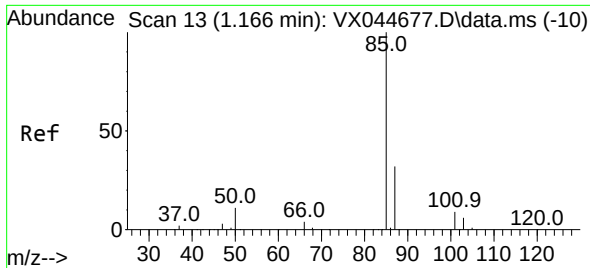
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012125\  
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jan 22 00:58:30 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML012125WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jan 22 00:56:43 2025  
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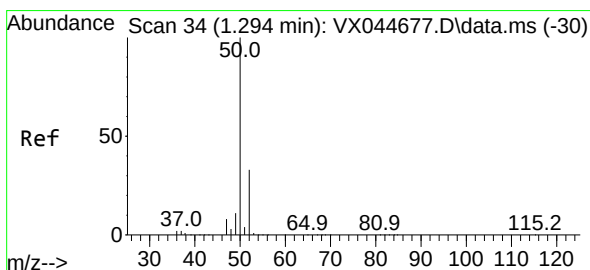
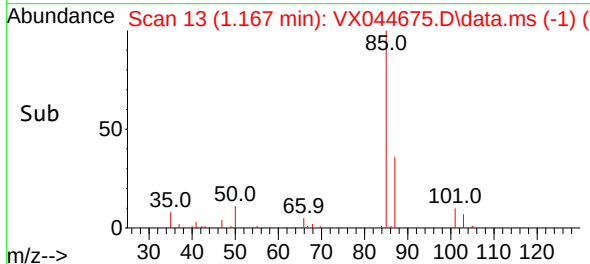
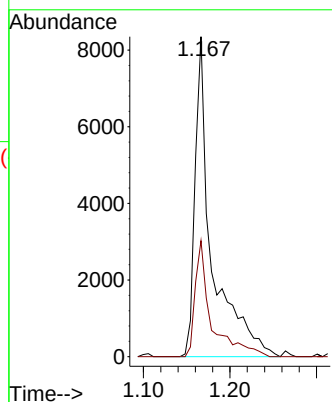
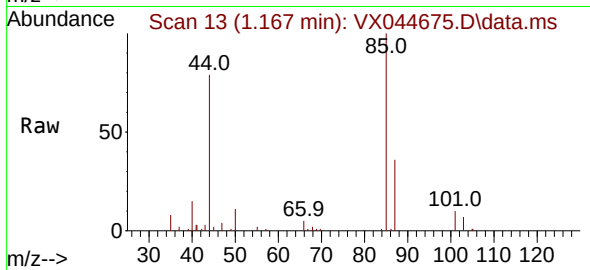




#2  
Dichlorodifluoromethane  
Concen: 5.342 ug/L  
RT: 1.167 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX044675.D  
Acq: 21 Jan 2025 10:53

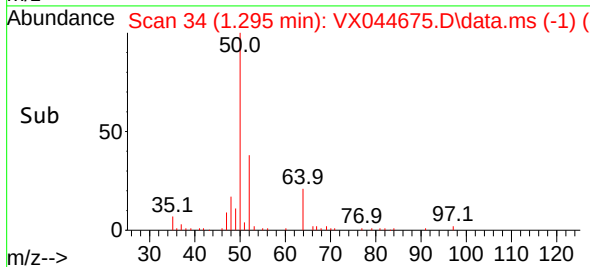
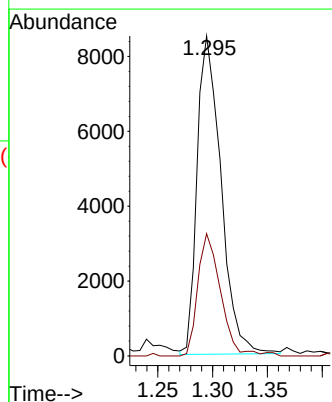
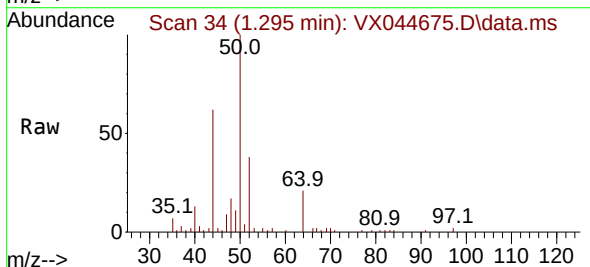
Instrument :  
MSVOA\_X  
ClientSampleId :

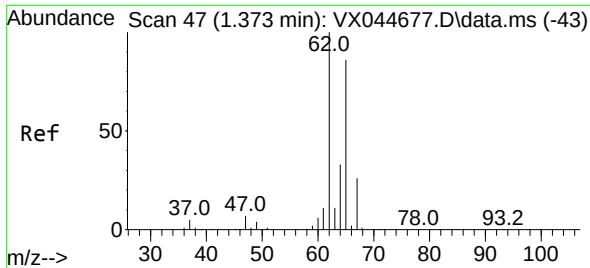
Tgt Ion: 85 Resp: 11305  
Ion Ratio Lower Upper  
85 100  
87 27.8 25.9 38.9



#3  
Chloromethane  
Concen: 4.968 ug/L  
RT: 1.295 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX044675.D  
Acq: 21 Jan 2025 10:53

Tgt Ion: 50 Resp: 12854  
Ion Ratio Lower Upper  
50 100  
52 38.2 23.3 43.3

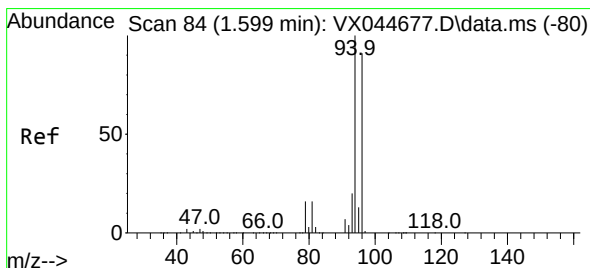
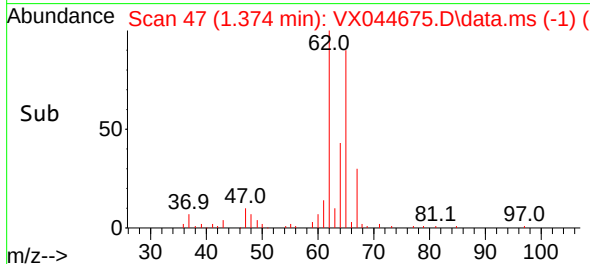
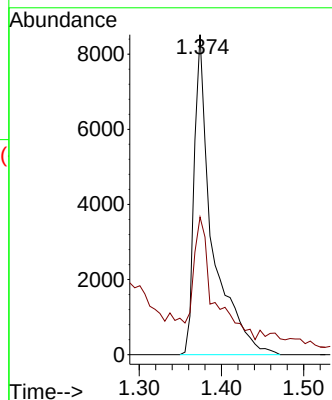
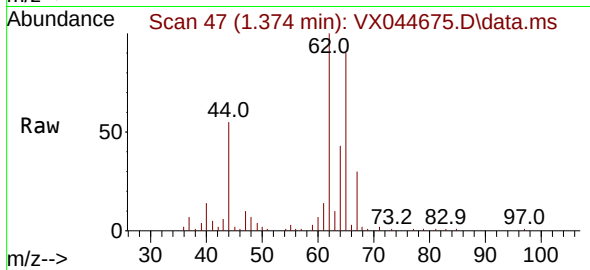




#5  
 Vinyl chloride  
 Concen: 5.022 ug/L  
 RT: 1.374 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: VX044675.D  
 Acq: 21 Jan 2025 10:53

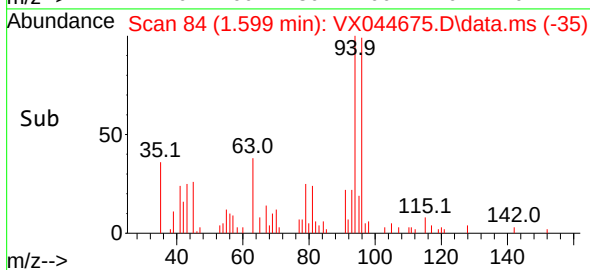
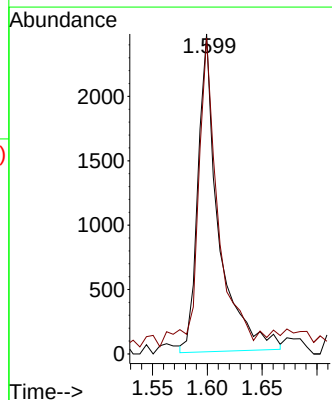
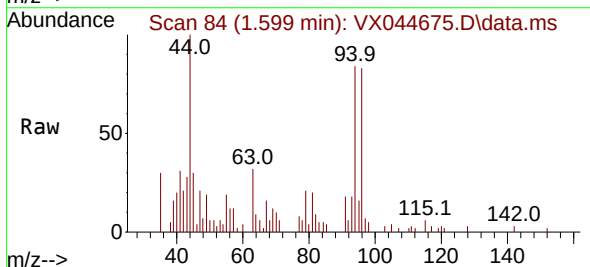
Instrument :  
 MSVOA\_X  
 ClientSampleId :

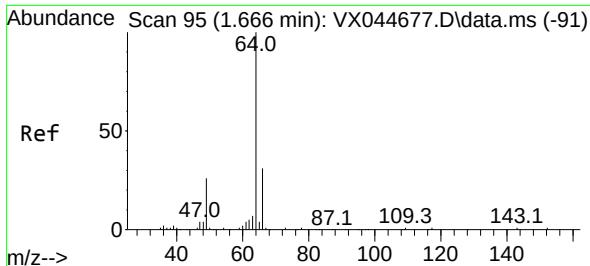
Tgt Ion: 62 Resp: 13021  
 Ion Ratio Lower Upper  
 62 100  
 64 43.0 23.7 44.1



#6  
 Bromomethane  
 Concen: 5.291 ug/L  
 RT: 1.599 min Scan# 84  
 Delta R.T. 0.000 min  
 Lab File: VX044675.D  
 Acq: 21 Jan 2025 10:53

Tgt Ion: 94 Resp: 3228  
 Ion Ratio Lower Upper  
 94 100  
 96 98.8 64.3 119.3

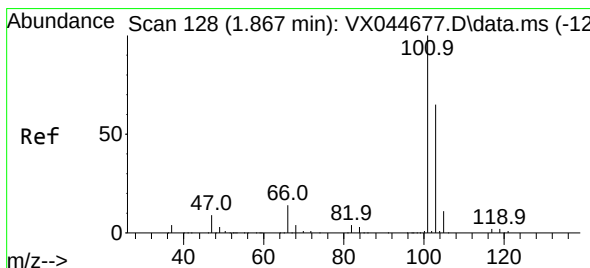
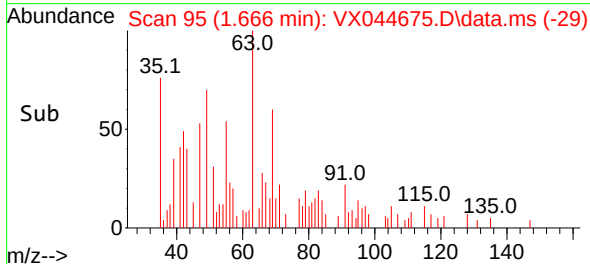
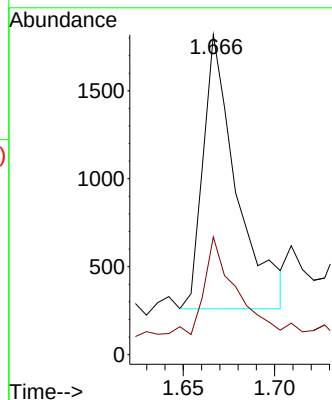
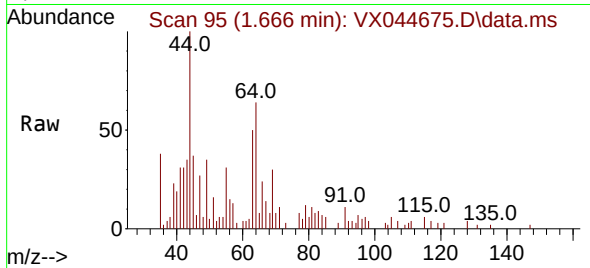




#8  
Chloroethane  
Concen: 4.180 ug/L  
RT: 1.666 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX044675.D  
Acq: 21 Jan 2025 10:53

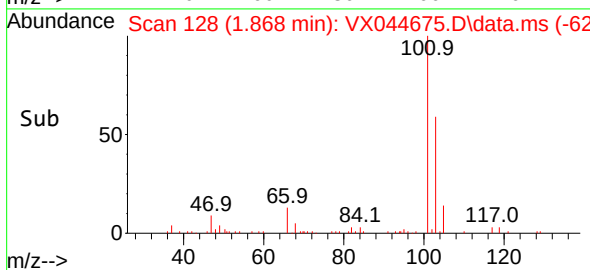
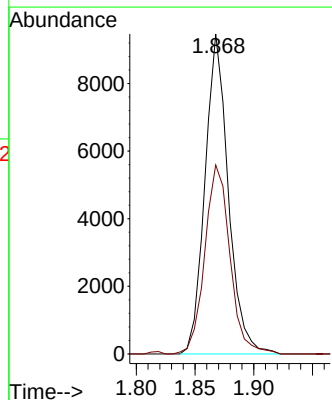
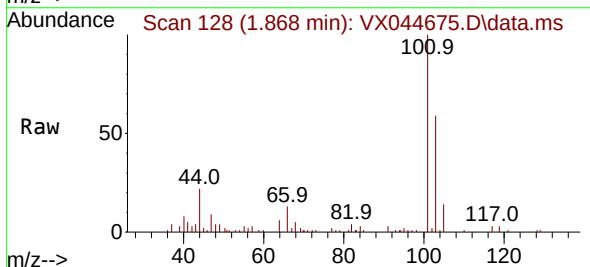
Instrument :  
MSVOA\_X  
ClientSampleId :

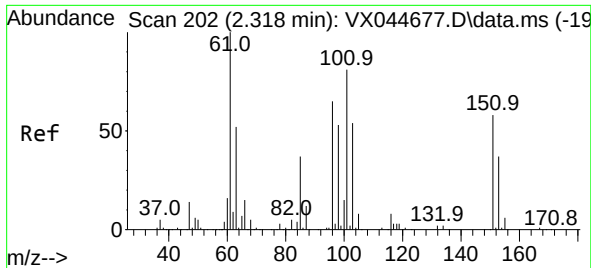
Tgt Ion: 64 Resp: 1986  
Ion Ratio Lower Upper  
64 100  
66 36.8 21.4 39.8



#9  
Trichlorofluoromethane  
Concen: 5.571 ug/L  
RT: 1.868 min Scan# 128  
Delta R.T. 0.000 min  
Lab File: VX044675.D  
Acq: 21 Jan 2025 10:53

Tgt Ion: 101 Resp: 13069  
Ion Ratio Lower Upper  
101 100  
103 63.6 52.2 78.2

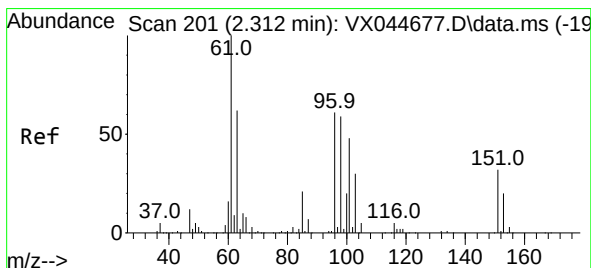
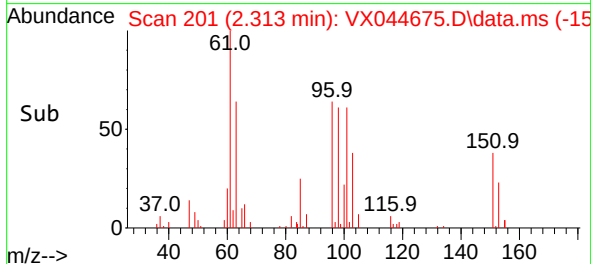
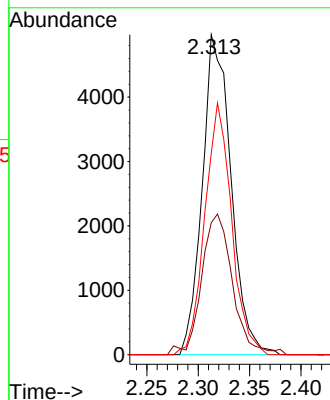
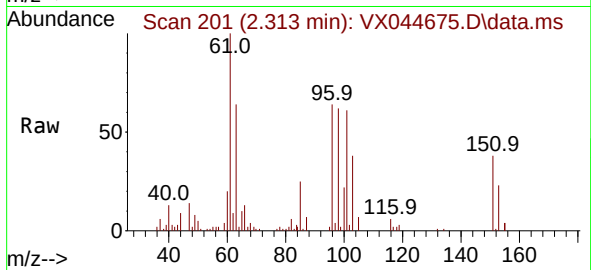




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 4.922 ug/L  
 RT: 2.313 min Scan# 20  
 Delta R.T. -0.006 min  
 Lab File: VX044675.D  
 Acq: 21 Jan 2025 10:53

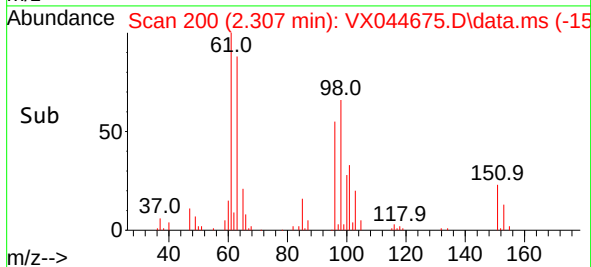
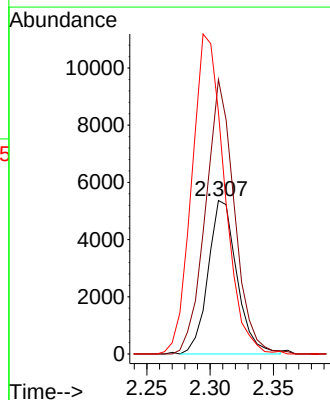
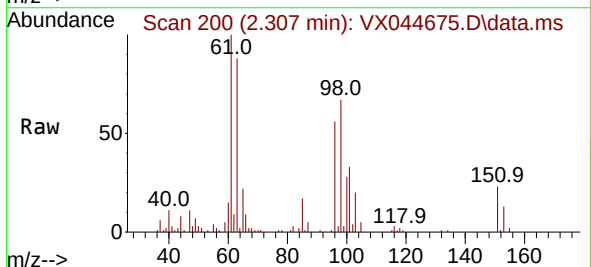
Instrument :  
 MSVOA\_X  
 ClientSampleId :

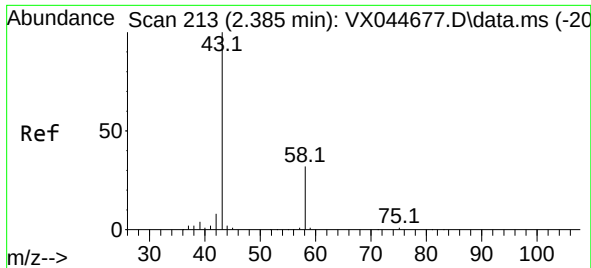
Tgt Ion:101 Resp: 9683  
 Ion Ratio Lower Upper  
 101 100  
 85 45.7 35.4 53.0  
 151 73.1 57.0 85.4



#12  
 1,1-Dichloroethene  
 Concen: 4.634 ug/L  
 RT: 2.307 min Scan# 200  
 Delta R.T. -0.006 min  
 Lab File: VX044675.D  
 Acq: 21 Jan 2025 10:53

Tgt Ion: 96 Resp: 8482  
 Ion Ratio Lower Upper  
 96 100  
 61 178.9 115.1 213.8  
 63 157.6 74.1 137.5#





#13

Acetone

Concen: 12.431 ug/L

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX044675.D

Acq: 21 Jan 2025 10:53

Instrument :

MSVOA\_X

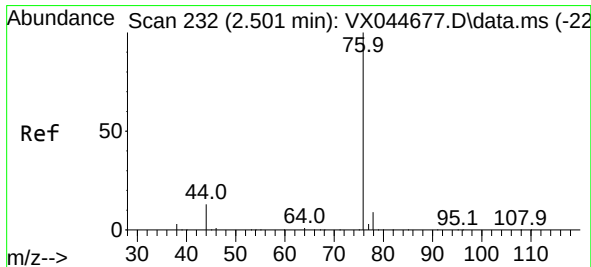
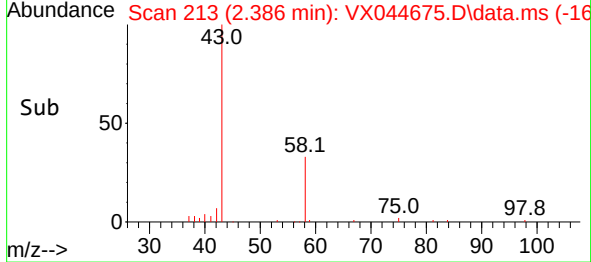
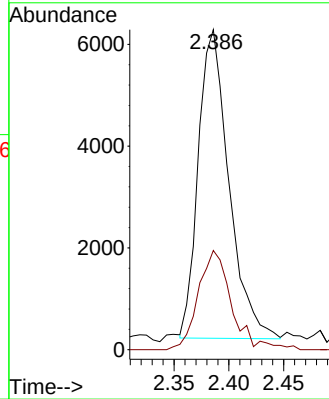
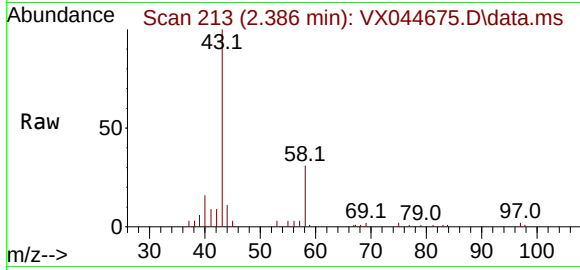
ClientSampleId :

Tgt Ion: 43 Resp: 11784

Ion Ratio Lower Upper

43 100

58 33.1 0.0 64.6



#14

Carbon disulfide

Concen: 4.867 ug/L

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX044675.D

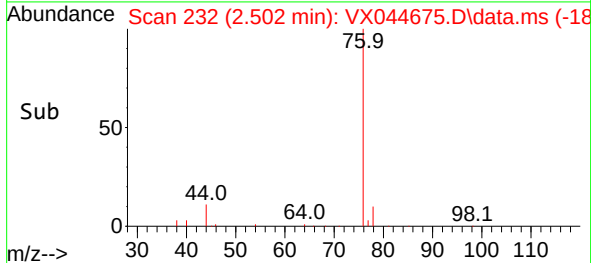
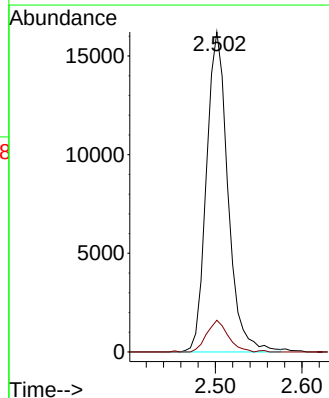
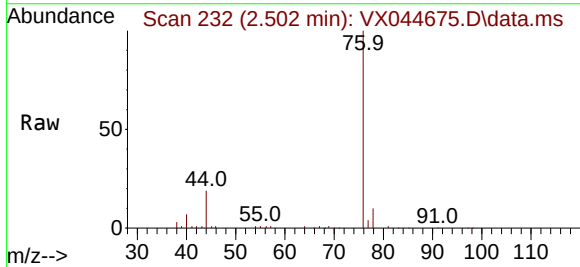
Acq: 21 Jan 2025 10:53

Tgt Ion: 76 Resp: 27955

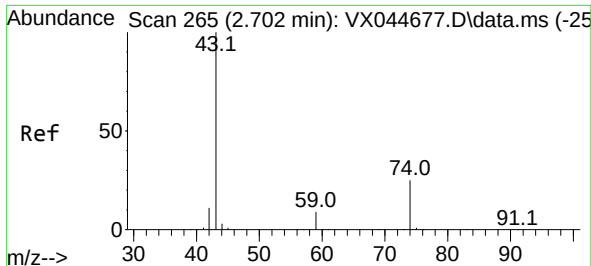
Ion Ratio Lower Upper

76 100

78 9.9 7.2 10.8



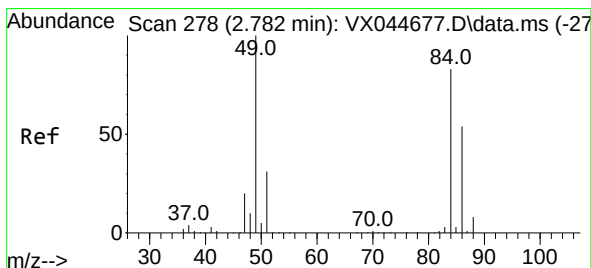
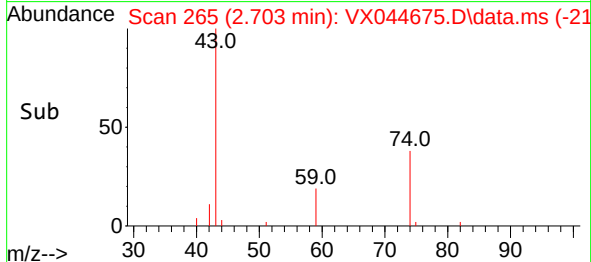
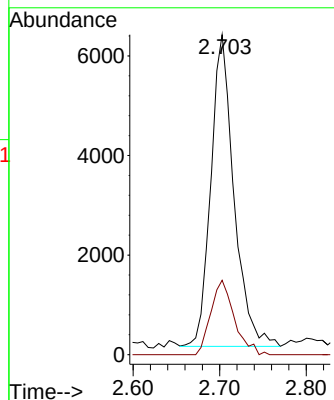
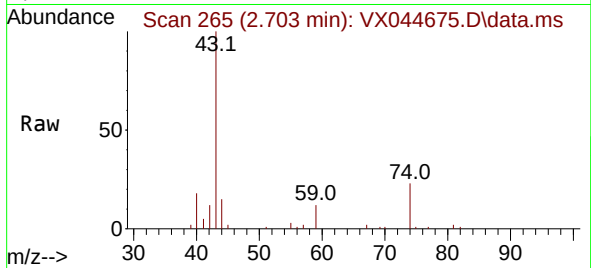




#15  
Methyl Acetate  
Concen: 5.100 ug/L  
RT: 2.703 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: VX044675.D  
Acq: 21 Jan 2025 10:53

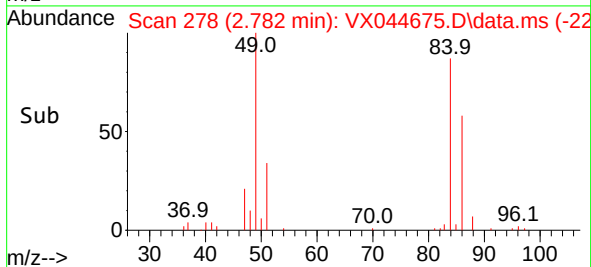
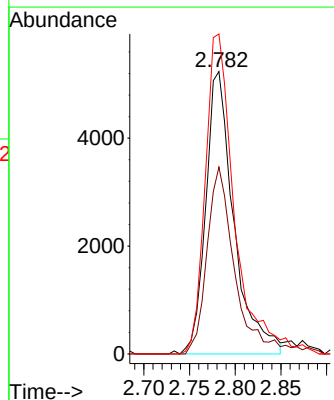
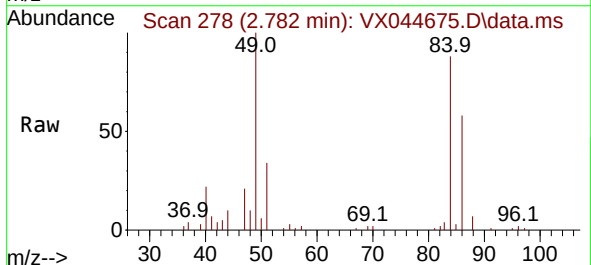
Instrument :  
MSVOA\_X  
ClientSampleId :

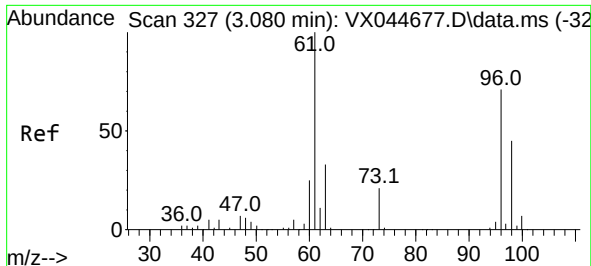
Tgt Ion: 43 Resp: 11587  
Ion Ratio Lower Upper  
43 100  
74 24.0 19.7 29.5



#16  
Methylene chloride  
Concen: 4.948 ug/L  
RT: 2.782 min Scan# 278  
Delta R.T. 0.000 min  
Lab File: VX044675.D  
Acq: 21 Jan 2025 10:53

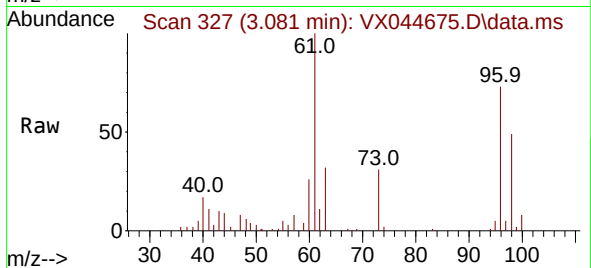
Tgt Ion: 84 Resp: 11204  
Ion Ratio Lower Upper  
84 100  
86 66.2 45.6 84.8  
49 113.3 84.6 157.0





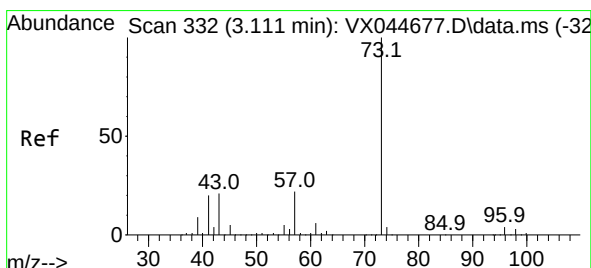
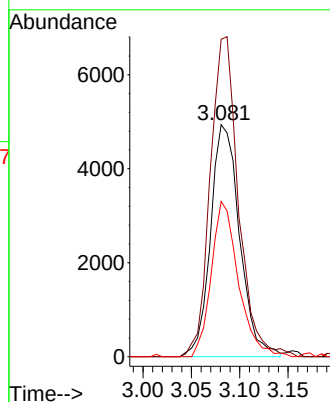
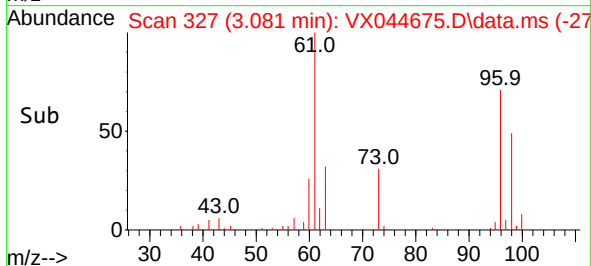
#17  
trans-1,2-Dichloroethene  
Concen: 5.031 ug/L  
RT: 3.081 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX044675.D  
Acq: 21 Jan 2025 10:53

Instrument :  
MSVOA\_X  
ClientSampleId :

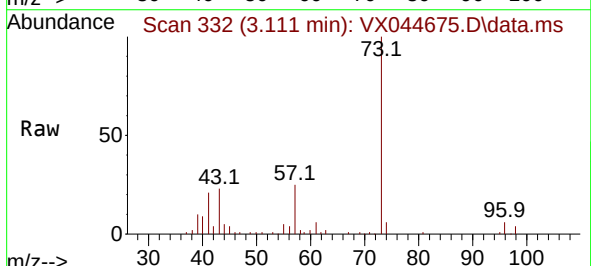


Tgt Ion: 96 Resp: 10313

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 136.8 | 98.3  | 182.7 |
| 98  | 66.9  | 44.1  | 81.9  |

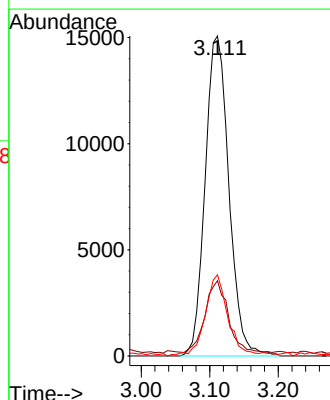
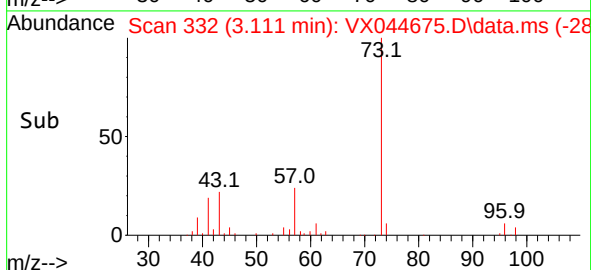


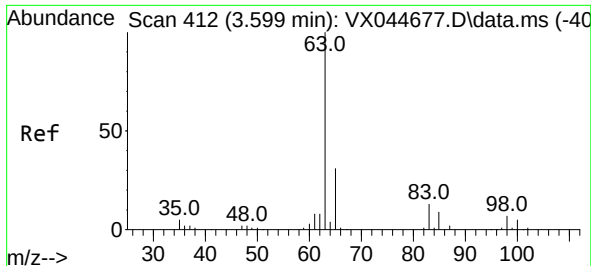
#18  
Methyl tert-butyl Ether  
Concen: 4.930 ug/L  
RT: 3.111 min Scan# 332  
Delta R.T. 0.000 min  
Lab File: VX044675.D  
Acq: 21 Jan 2025 10:53



Tgt Ion: 73 Resp: 36371

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 73  | 100   |       |       |
| 43  | 21.8  | 16.9  | 25.3  |
| 57  | 22.7  | 17.4  | 26.0  |





#19

1,1-Dichloroethane

Concen: 4.824 ug/L

RT: 3.599 min Scan# 412

Delta R.T. 0.000 min

Lab File: VX044675.D

Acq: 21 Jan 2025 10:53

Instrument :

MSVOA\_X

ClientSampleId :

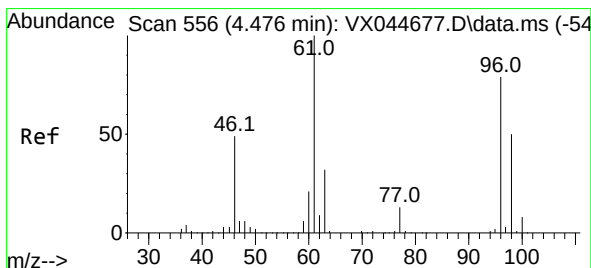
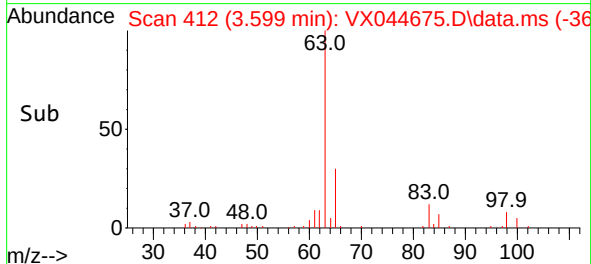
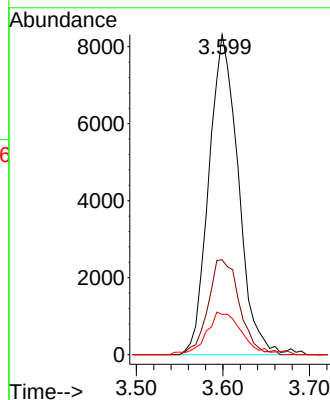
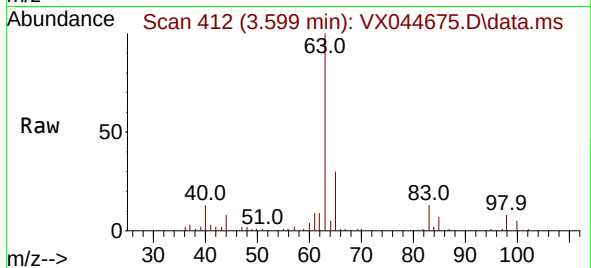
Tgt Ion: 63 Resp: 19564

Ion Ratio Lower Upper

63 100

65 29.6 21.8 40.6

83 12.6 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 4.925 ug/L

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX044675.D

Acq: 21 Jan 2025 10:53

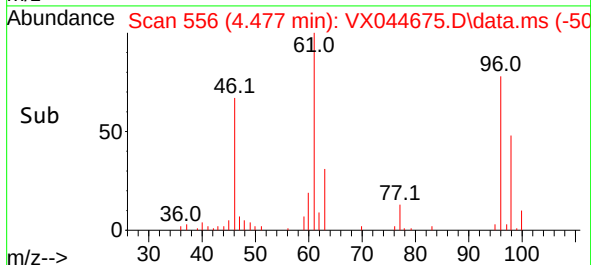
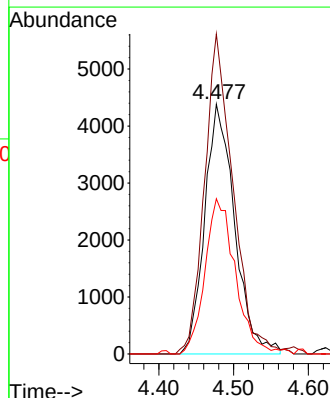
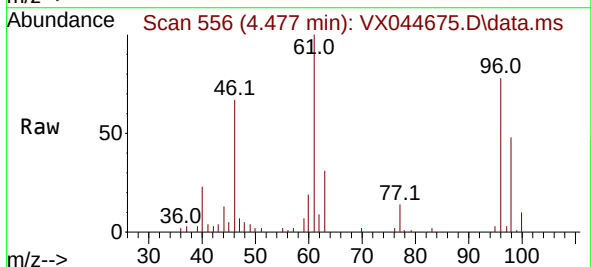
Tgt Ion: 96 Resp: 12193

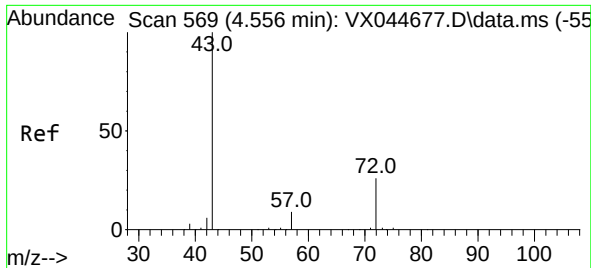
Ion Ratio Lower Upper

96 100

61 128.1 88.3 163.9

98 62.1 44.6 82.8

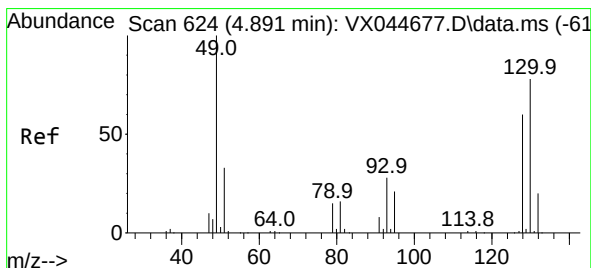
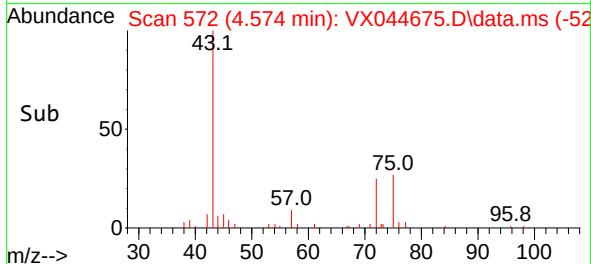
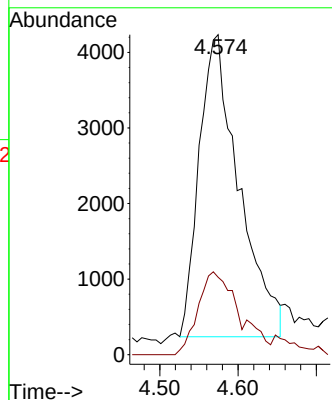
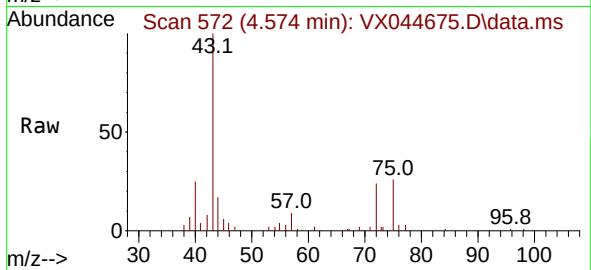




#22  
2-Butanone  
Concen: 9.753 ug/L  
RT: 4.574 min Scan# 51  
Delta R.T. 0.019 min  
Lab File: VX044675.D  
Acq: 21 Jan 2025 10:53

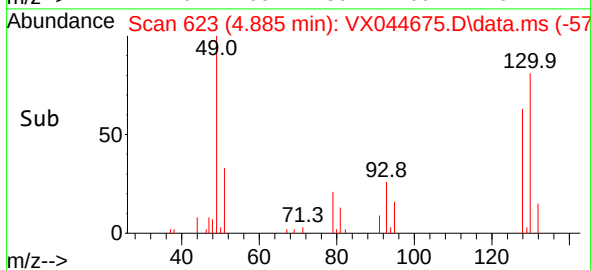
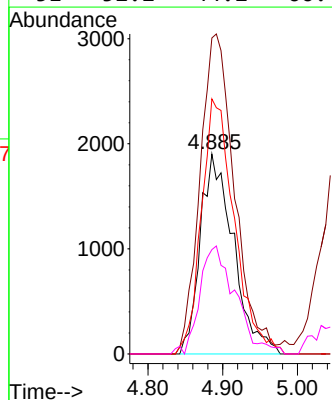
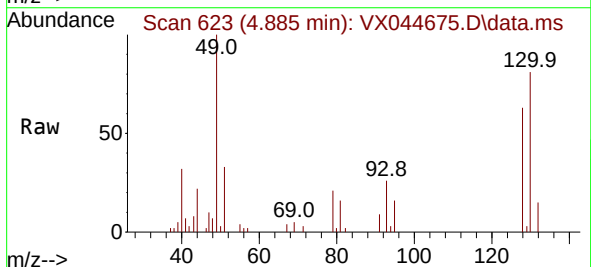
Instrument :  
MSVOA\_X  
ClientSampleId :

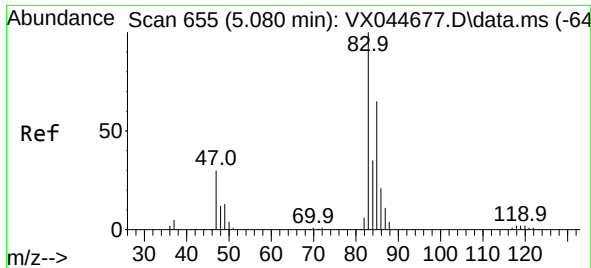
Tgt Ion: 43 Resp: 14112  
Ion Ratio Lower Upper  
43 100  
72 23.9 13.4 40.2



#23  
Bromochloromethane  
Concen: 4.829 ug/L  
RT: 4.885 min Scan# 623  
Delta R.T. -0.006 min  
Lab File: VX044675.D  
Acq: 21 Jan 2025 10:53

Tgt Ion: 128 Resp: 5859  
Ion Ratio Lower Upper  
128 100  
49 158.1 117.6 218.4  
130 127.6 92.0 170.9  
51 52.2 44.2 66.4





#25

Chloroform

Concen: 4.915 ug/L

RT: 5.087 min Scan# 6

Delta R.T. 0.007 min

Lab File: VX044675.D

Acq: 21 Jan 2025 10:53

Instrument :

MSVOA\_X

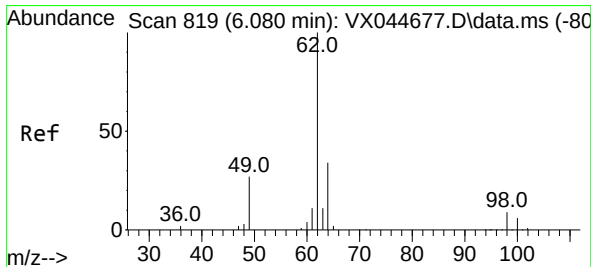
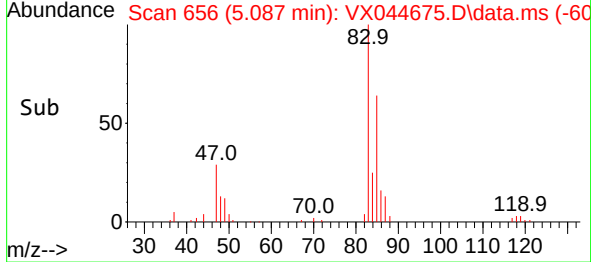
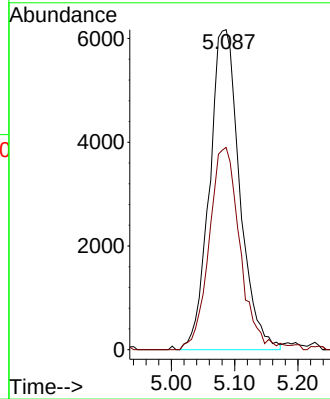
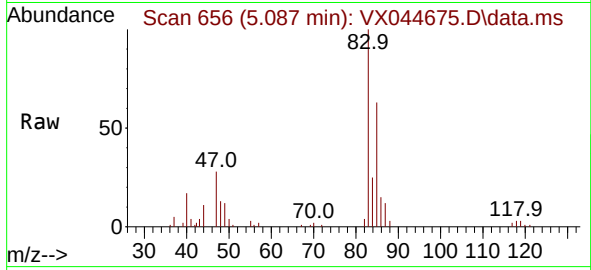
ClientSampleId :

Tgt Ion: 83 Resp: 20428

Ion Ratio Lower Upper

83 100

85 63.2 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.838 ug/L

RT: 6.080 min Scan# 819

Delta R.T. 0.000 min

Lab File: VX044675.D

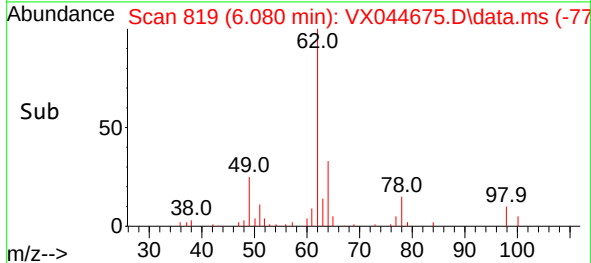
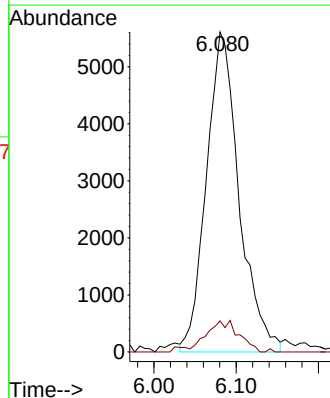
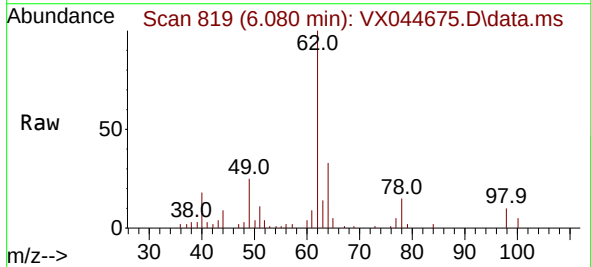
Acq: 21 Jan 2025 10:53

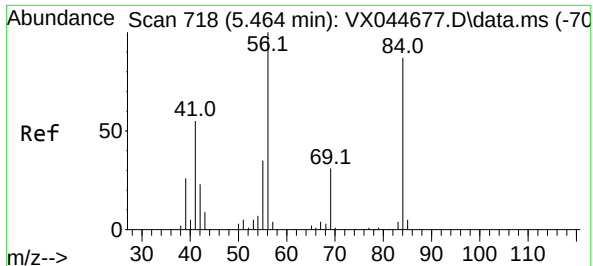
Tgt Ion: 62 Resp: 15518

Ion Ratio Lower Upper

62 100

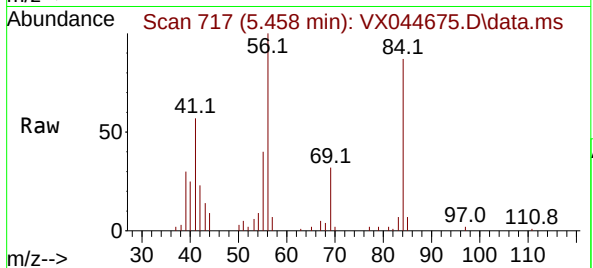
98 9.7 7.4 11.2



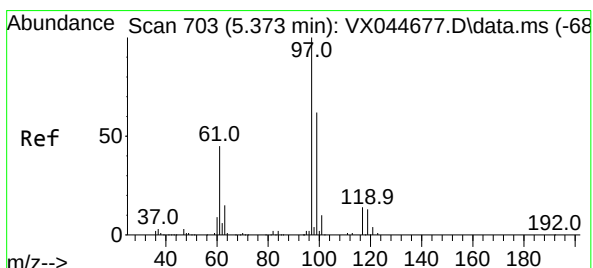
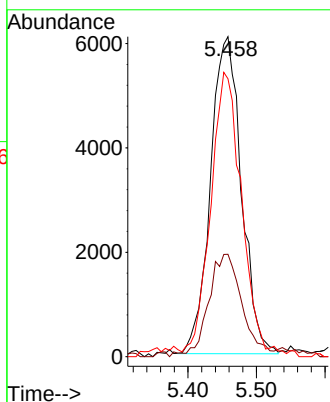
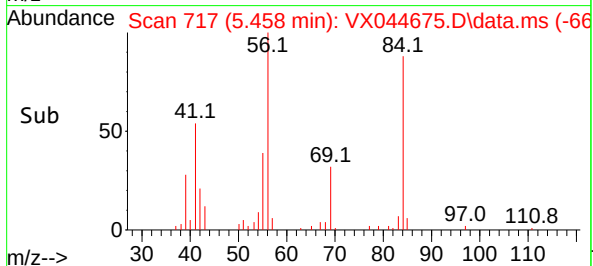


#29  
Cyclohexane  
Concen: 5.035 ug/L  
RT: 5.458 min Scan# 718  
Delta R.T. -0.006 min  
Lab File: VX044675.D  
Acq: 21 Jan 2025 10:53

Instrument :  
MSVOA\_X  
ClientSampleId :

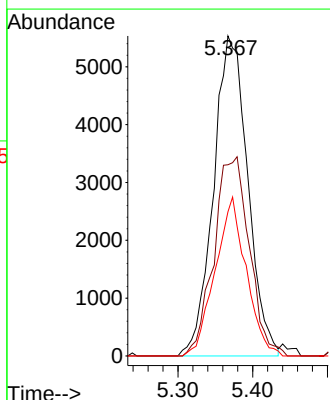
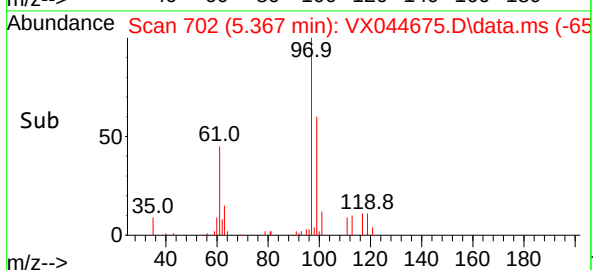
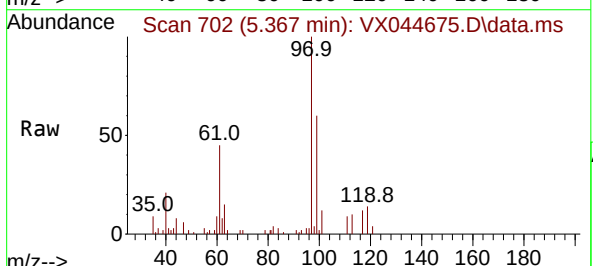


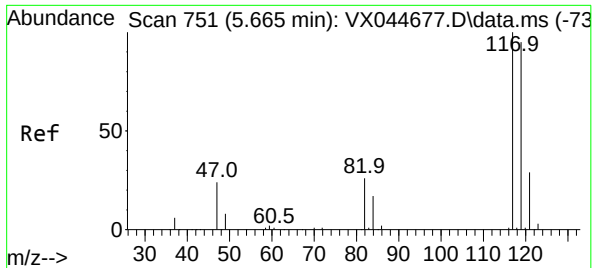
Tgt Ion: 56 Resp: 19029  
Ion Ratio Lower Upper  
56 100  
69 34.5 25.4 38.2  
84 89.2 71.6 107.4



#30  
1,1,1-Trichloroethane  
Concen: 4.932 ug/L  
RT: 5.367 min Scan# 702  
Delta R.T. -0.006 min  
Lab File: VX044675.D  
Acq: 21 Jan 2025 10:53

Tgt Ion: 97 Resp: 17644  
Ion Ratio Lower Upper  
97 100  
99 0.0 51.0 76.4#  
61 45.1 35.8 53.6

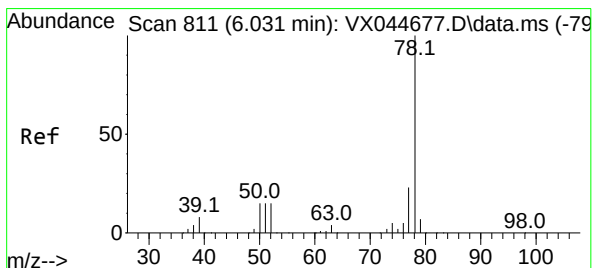
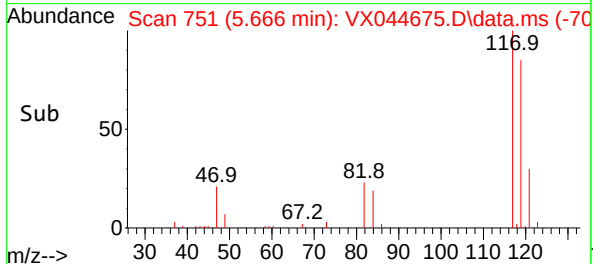
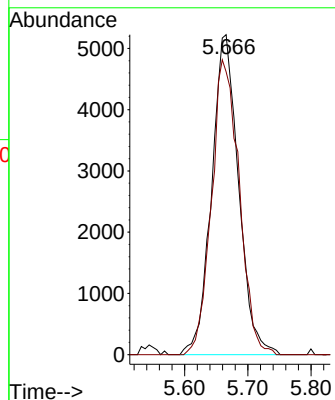
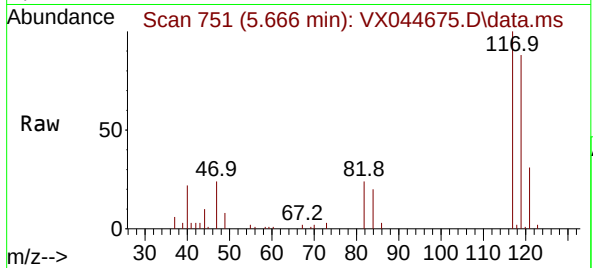




#31  
Carbon tetrachloride  
Concen: 5.031 ug/L  
RT: 5.666 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VX044675.D  
Acq: 21 Jan 2025 10:53

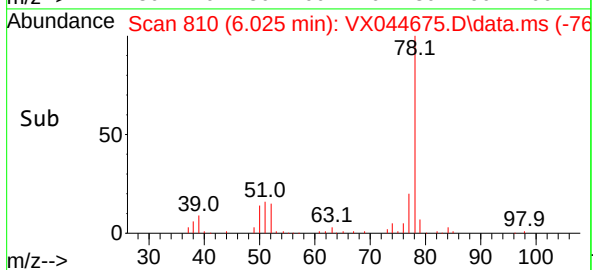
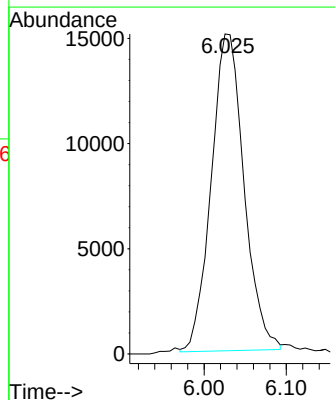
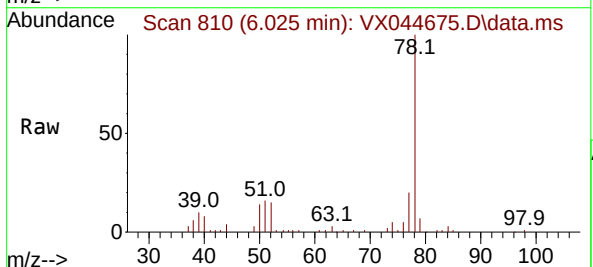
Instrument :  
MSVOA\_X  
ClientSampleId :

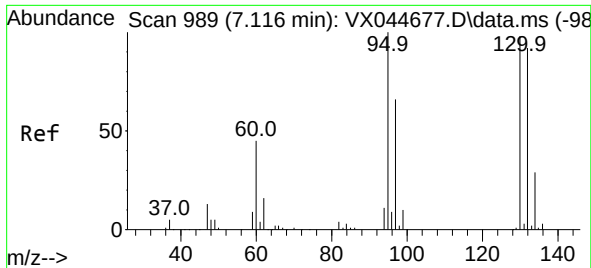
Tgt Ion:117 Resp: 15462  
Ion Ratio Lower Upper  
117 100  
119 94.5 77.1 115.7



#33  
Benzene  
Concen: 4.709 ug/L  
RT: 6.025 min Scan# 810  
Delta R.T. -0.006 min  
Lab File: VX044675.D  
Acq: 21 Jan 2025 10:53

Tgt Ion: 78 Resp: 41735

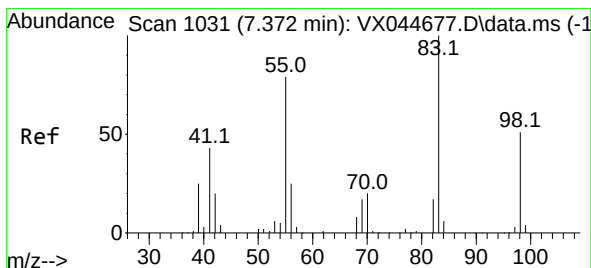
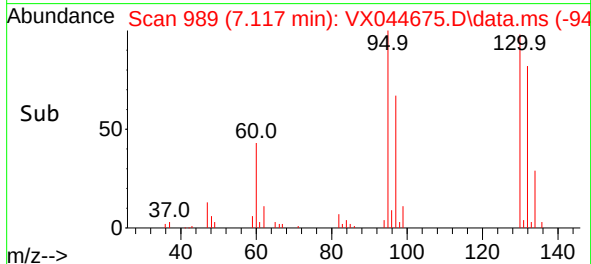
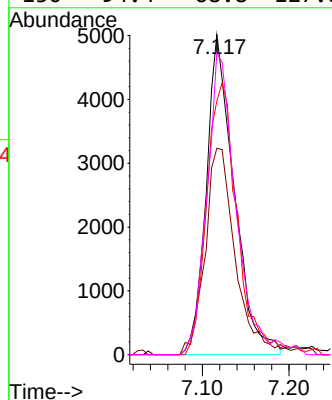
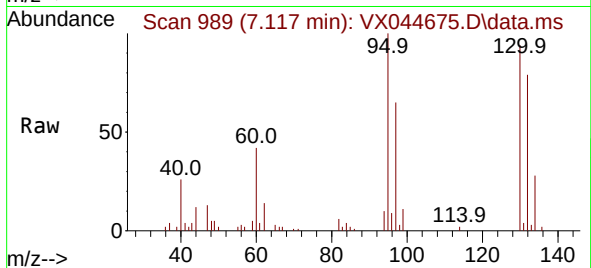




#34  
Trichloroethene  
Concen: 4.875 ug/L  
RT: 7.117 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX044675.D  
Acq: 21 Jan 2025 10:53

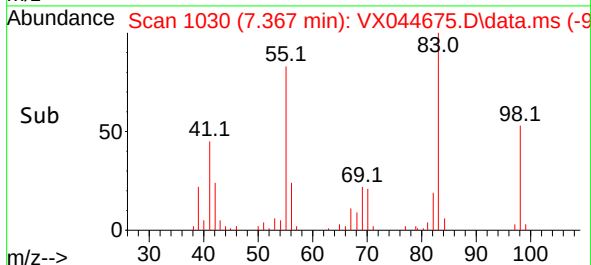
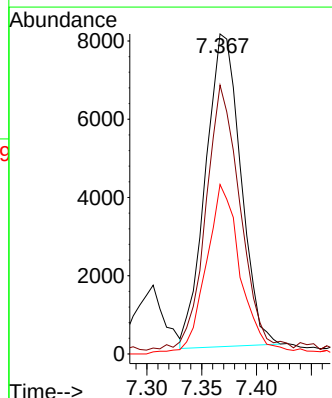
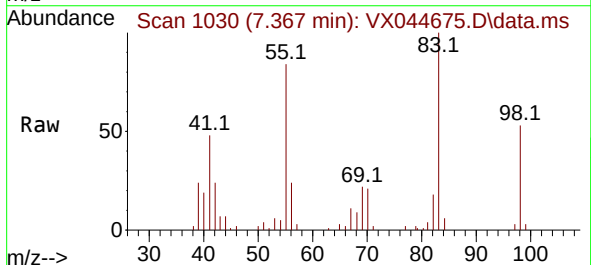
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 95 Resp: 11247  
Ion Ratio Lower Upper  
95 100  
97 64.5 46.1 85.5  
132 79.3 64.5 119.9  
130 94.4 68.8 127.8

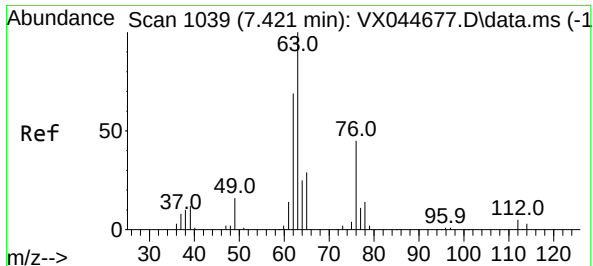


#35  
Methylcyclohexane  
Concen: 4.697 ug/L  
RT: 7.367 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: VX044675.D  
Acq: 21 Jan 2025 10:53

Tgt Ion: 83 Resp: 17833  
Ion Ratio Lower Upper  
83 100  
55 82.5 60.6 90.8  
98 53.2 38.9 58.3







#37

1,2-Dichloropropane

Concen: 4.993 ug/L

RT: 7.422 min Scan# 11039

Delta R.T. 0.000 min

Lab File: VX044675.D

Acq: 21 Jan 2025 10:53

Instrument :

MSVOA\_X

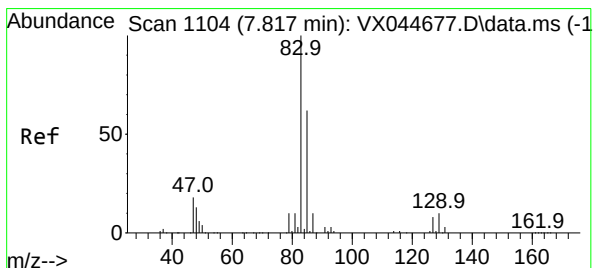
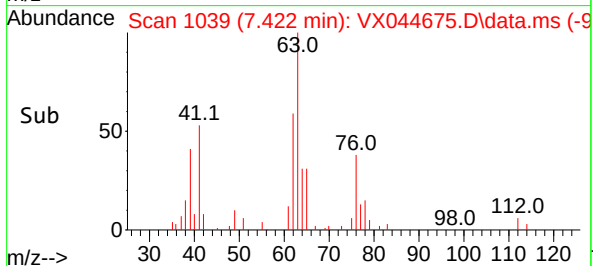
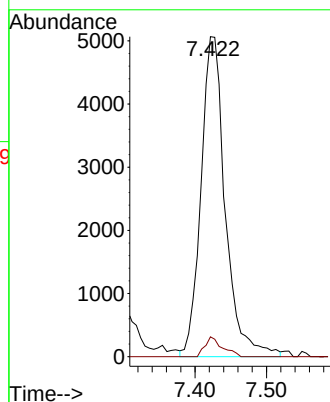
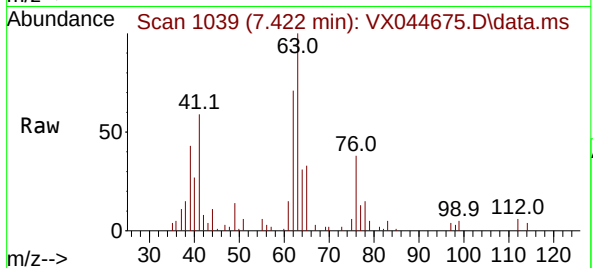
ClientSampleId :

Tgt Ion: 63 Resp: 11960

Ion Ratio Lower Upper

63 100

112 4.4 3.5 5.3



#38

Bromodichloromethane

Concen: 4.792 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX044675.D

Acq: 21 Jan 2025 10:53

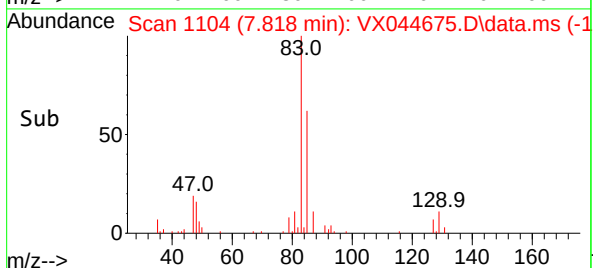
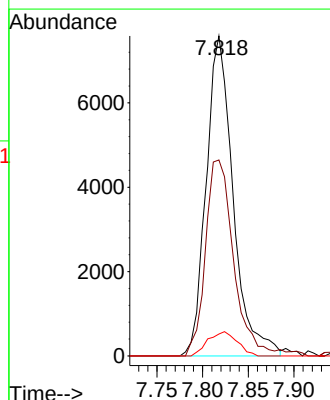
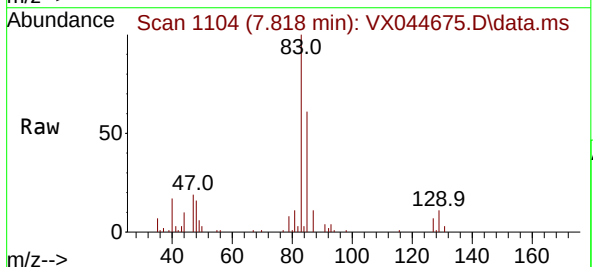
Tgt Ion: 83 Resp: 15545

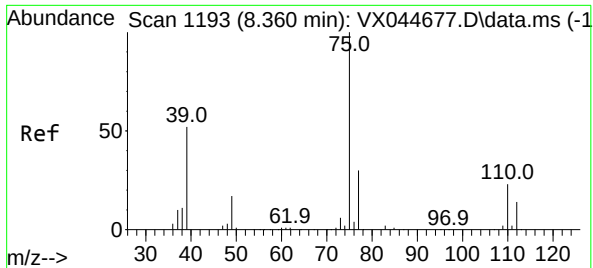
Ion Ratio Lower Upper

83 100

85 61.2 43.8 81.3

127 6.8 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.827 ug/L

RT: 8.366 min Scan# 1193

Delta R.T. 0.007 min

Lab File: VX044675.D

Acq: 21 Jan 2025 10:53

Instrument :

MSVOA\_X

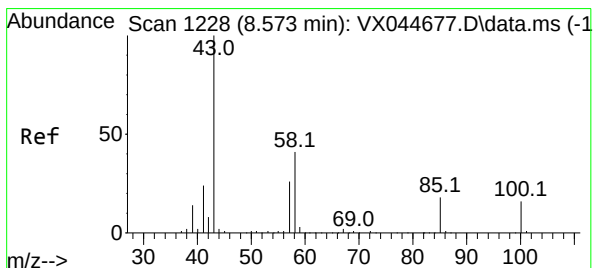
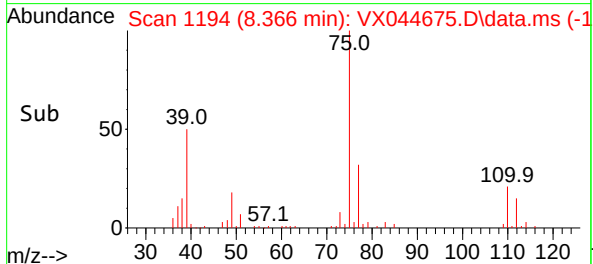
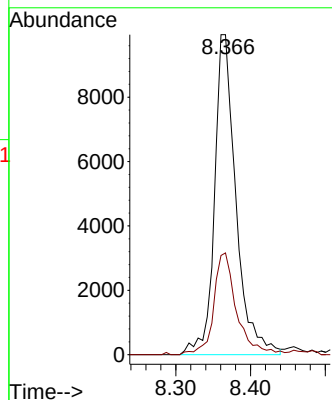
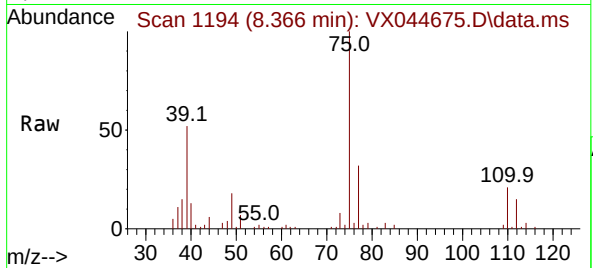
ClientSampleId :

Tgt Ion: 75 Resp: 19883

Ion Ratio Lower Upper

75 100

77 31.8 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 9.660 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX044675.D

Acq: 21 Jan 2025 10:53

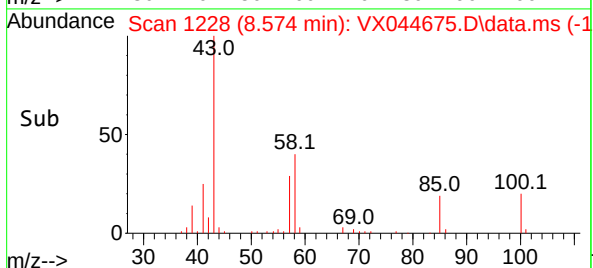
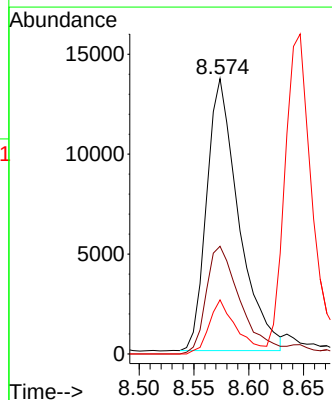
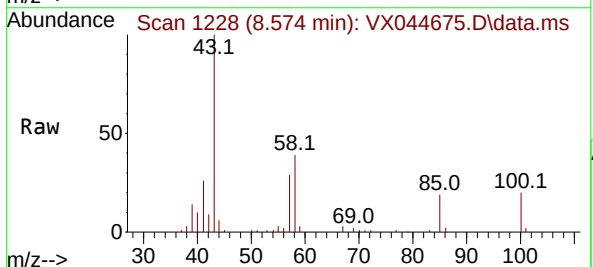
Tgt Ion: 43 Resp: 27752

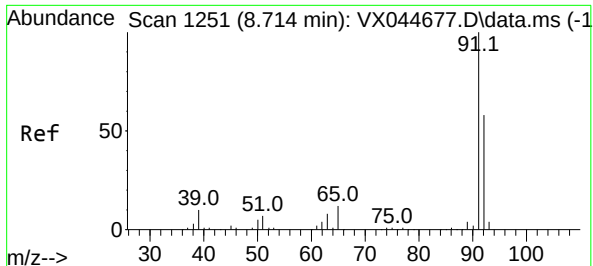
Ion Ratio Lower Upper

43 100

58 42.4 32.1 48.1

100 17.3 12.9 19.3

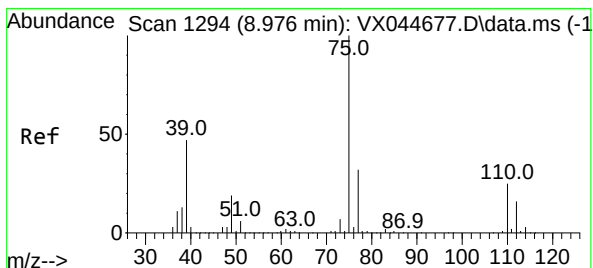
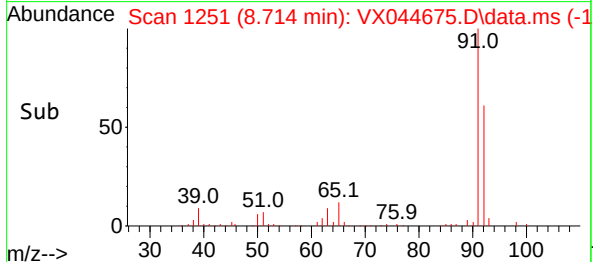
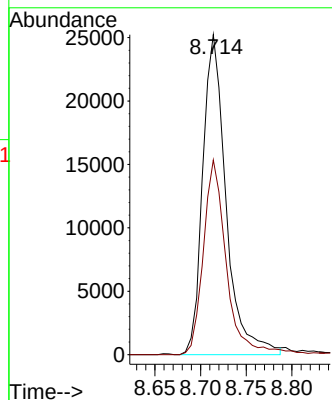
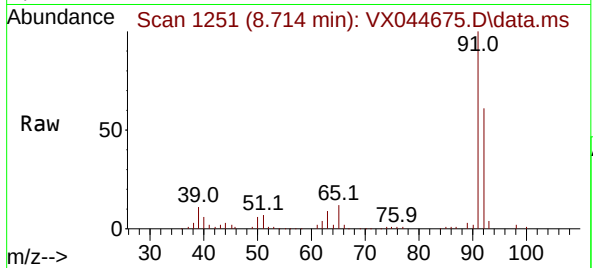




#42  
Toluene  
Concen: 4.881 ug/L  
RT: 8.714 min Scan# 1251  
Delta R.T. 0.000 min  
Lab File: VX044675.D  
Acq: 21 Jan 2025 10:53

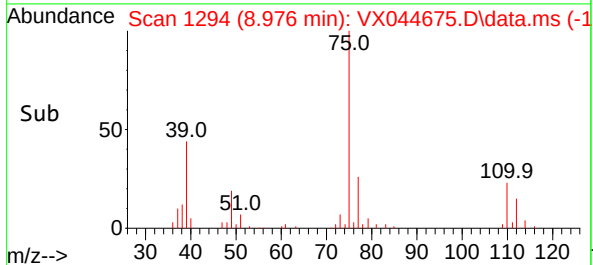
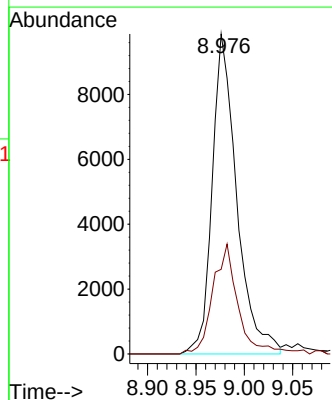
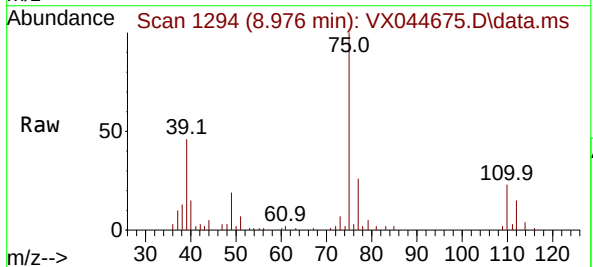
Instrument :  
MSVOA\_X  
ClientSampleId :

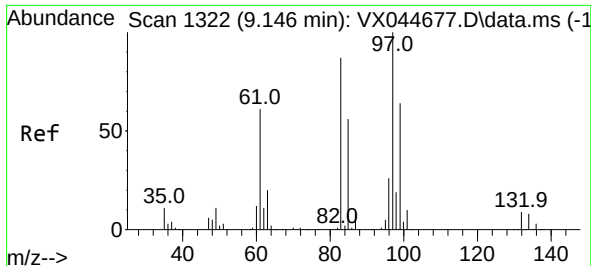
Tgt Ion: 91 Resp: 44816  
Ion Ratio Lower Upper  
91 100  
92 60.9 40.7 75.5



#44  
trans-1,3-Dichloropropene  
Concen: 4.680 ug/L  
RT: 8.976 min Scan# 1294  
Delta R.T. 0.000 min  
Lab File: VX044675.D  
Acq: 21 Jan 2025 10:53

Tgt Ion: 75 Resp: 17442  
Ion Ratio Lower Upper  
75 100  
77 26.4 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 5.040 ug/L

RT: 9.147 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044675.D

Acq: 21 Jan 2025 10:53

Instrument :

MSVOA\_X

ClientSampleId :

Tgt Ion: 97 Resp: 11754

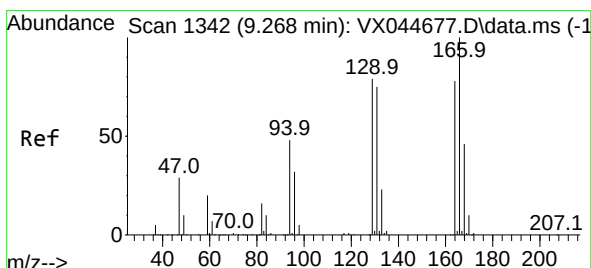
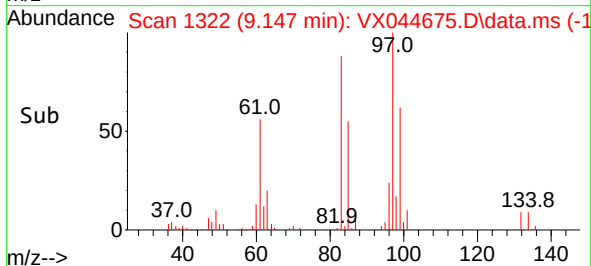
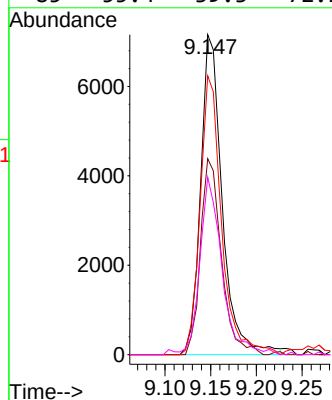
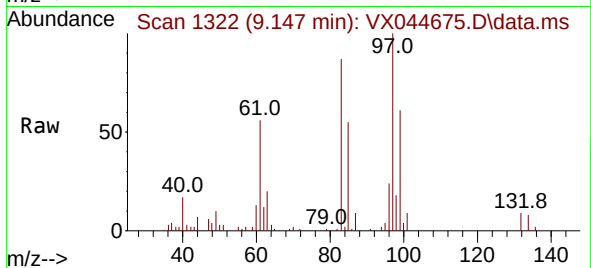
Ion Ratio Lower Upper

97 100

99 61.2 44.8 83.2

83 87.1 60.8 113.0

85 55.4 39.3 72.9



#46

Tetrachloroethene

Concen: 4.919 ug/L

RT: 9.269 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VX044675.D

Acq: 21 Jan 2025 10:53

Tgt Ion:164 Resp: 7774

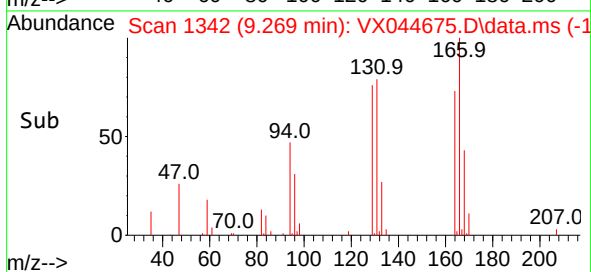
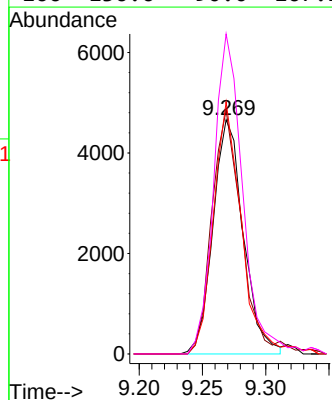
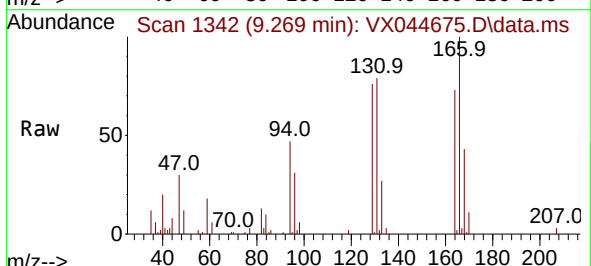
Ion Ratio Lower Upper

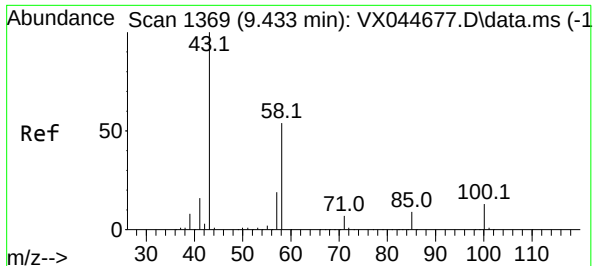
164 100

129 104.1 71.2 132.2

131 107.6 67.2 124.8

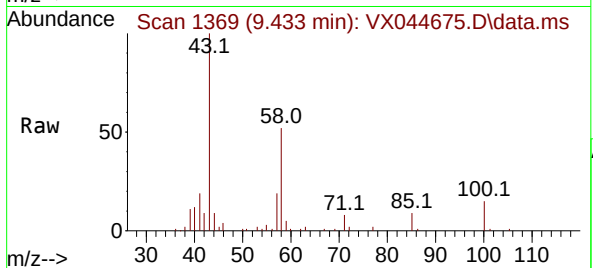
166 136.6 90.0 167.2



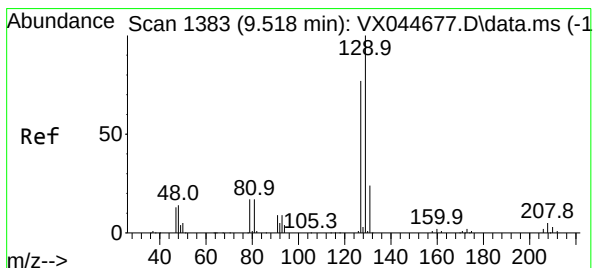
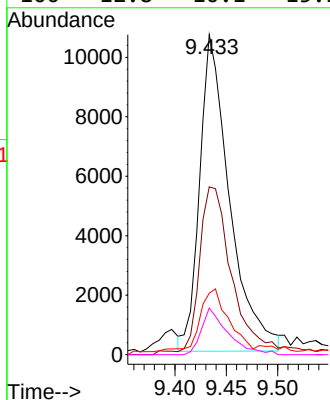
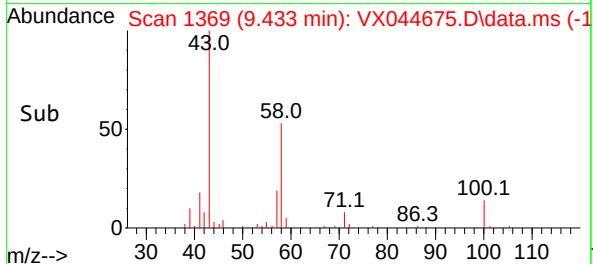


#48  
2-Hexanone  
Concen: 10.237 ug/L  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: VX044675.D  
Acq: 21 Jan 2025 10:53

Instrument :  
MSVOA\_X  
ClientSampleId :

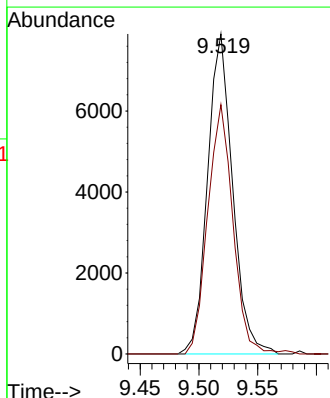
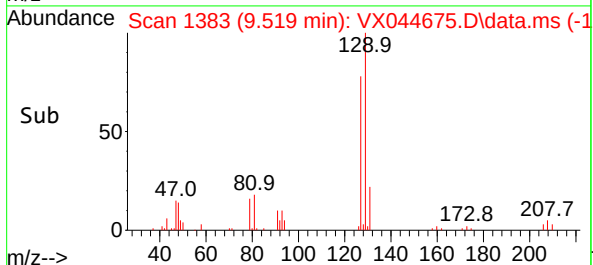
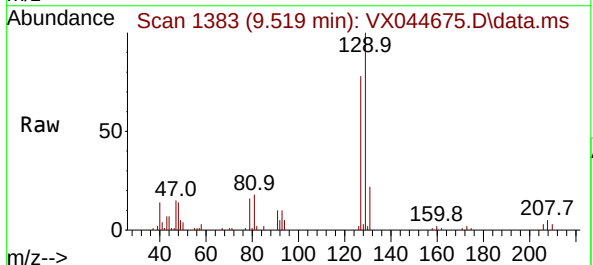


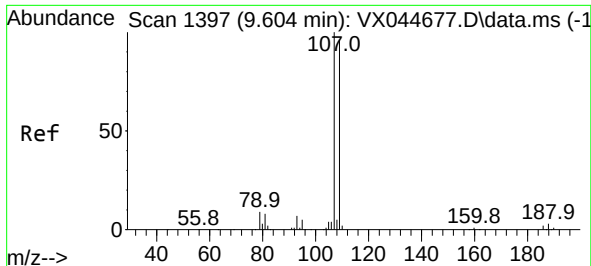
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 21643 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 54.7     | 44.3 66.5   |
| 57 16.8     | 15.9 23.9   |
| 100 12.8    | 10.1 15.1   |



#49  
Dibromochloromethane  
Concen: 4.863 ug/L  
RT: 9.519 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX044675.D  
Acq: 21 Jan 2025 10:53

|             |             |       |  |
|-------------|-------------|-------|--|
| Tgt Ion:129 | Resp: 11744 |       |  |
| Ion Ratio   | Lower       | Upper |  |
| 129 100     |             |       |  |
| 127 77.9    | 53.6        | 99.6  |  |





#50

1,2-Dibromoethane

Concen: 4.866 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.007 min

Lab File: VX044675.D

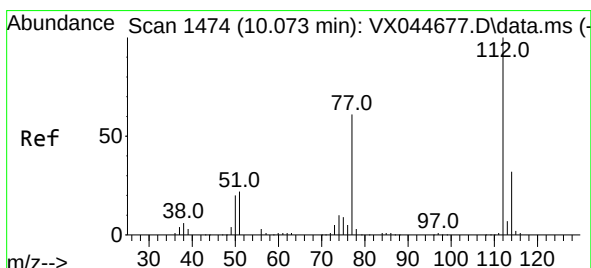
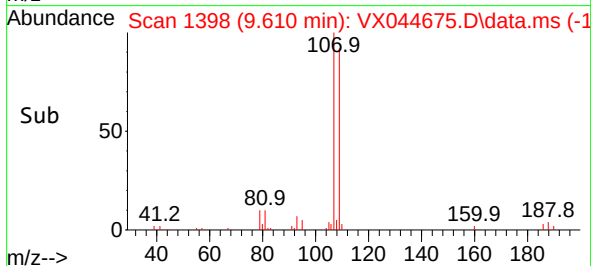
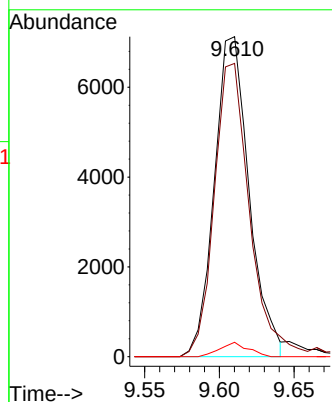
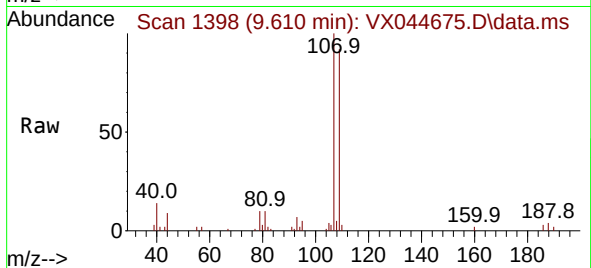
Acq: 21 Jan 2025 10:53

Instrument :

MSVOA\_X

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:107 | Resp: | 11563      |
| Ion Ratio   | Lower | Upper      |
| 107         | 100   |            |
| 109         | 91.7  | 67.2 124.8 |
| 188         | 4.5   | 2.2 3.4#   |



#51

Chlorobenzene

Concen: 4.941 ug/L

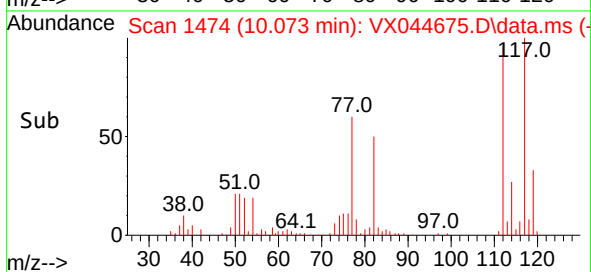
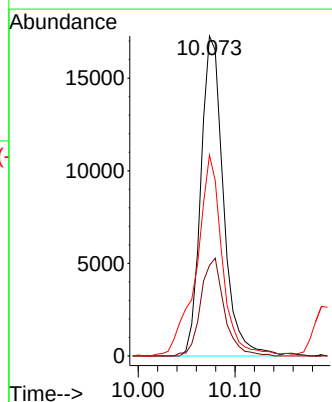
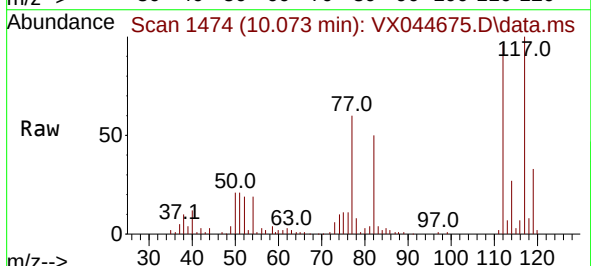
RT: 10.073 min Scan# 1474

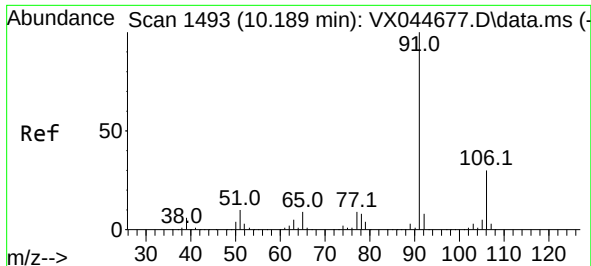
Delta R.T. 0.000 min

Lab File: VX044675.D

Acq: 21 Jan 2025 10:53

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:112 | Resp: | 27995     |
| Ion Ratio   | Lower | Upper     |
| 112         | 100   |           |
| 114         | 28.3  | 22.4 41.6 |
| 77          | 62.8  | 49.2 73.8 |





#52

Ethylbenzene

Concen: 4.875 ug/L

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX044675.D

Acq: 21 Jan 2025 10:53

Instrument :

MSVOA\_X

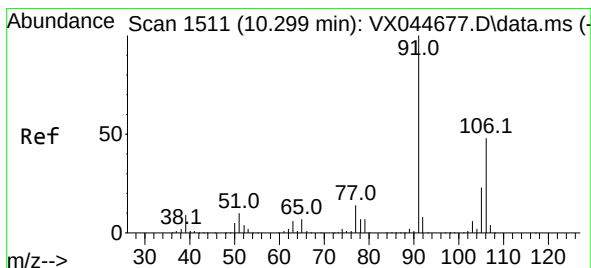
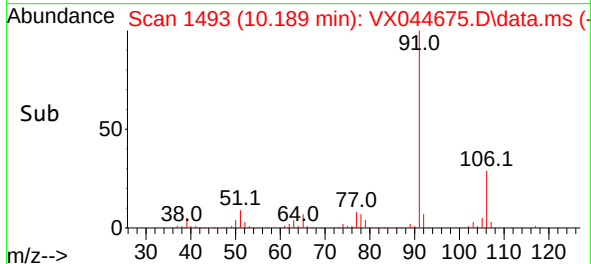
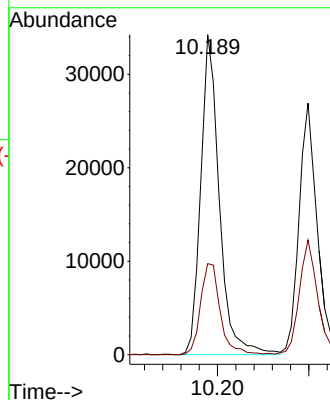
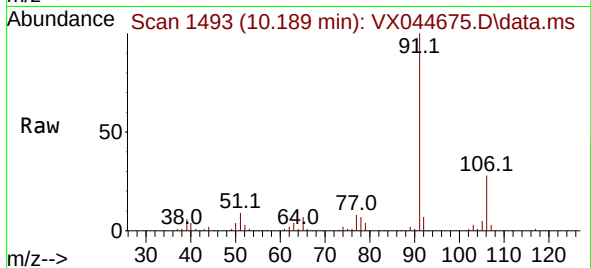
ClientSampleId :

Tgt Ion: 91 Resp: 48263

Ion Ratio Lower Upper

91 100

106 28.5 21.1 39.3



#53

m,p-Xylene

Concen: 4.857 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX044675.D

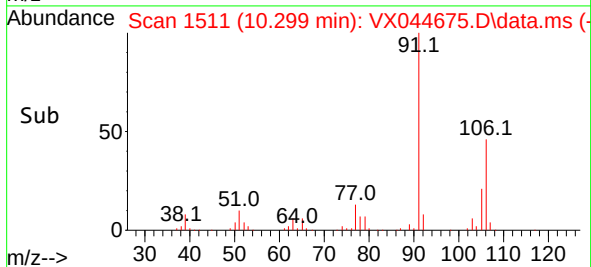
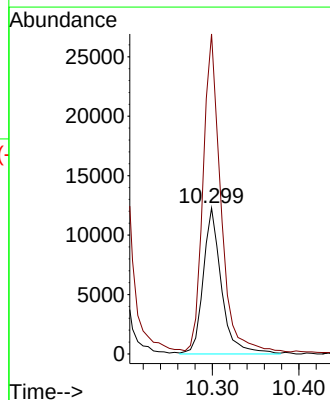
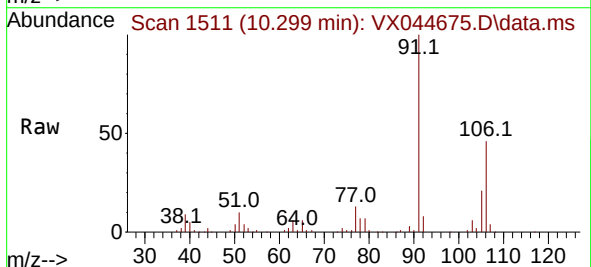
Acq: 21 Jan 2025 10:53

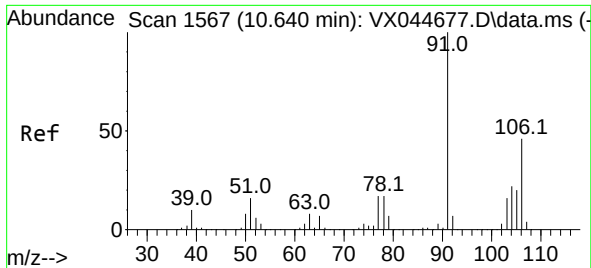
Tgt Ion: 106 Resp: 17989

Ion Ratio Lower Upper

106 100

91 219.4 145.2 269.6

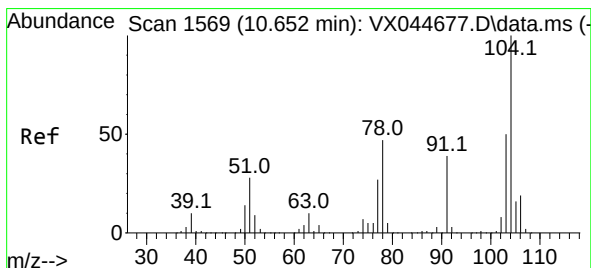
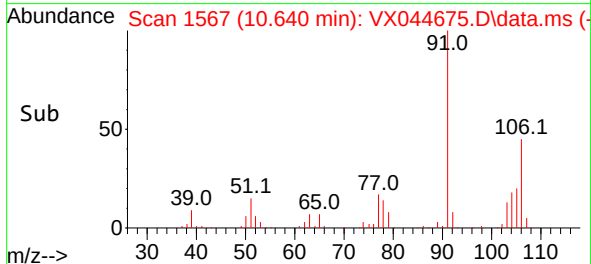
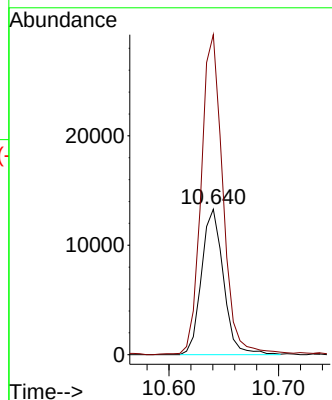
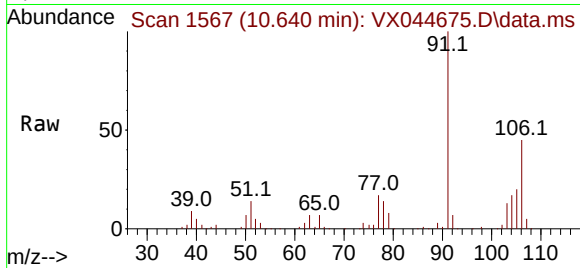




#54  
o-Xylene  
Concen: 5.054 ug/L  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX044675.D  
Acq: 21 Jan 2025 10:53

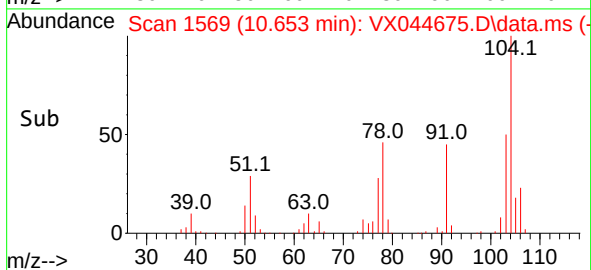
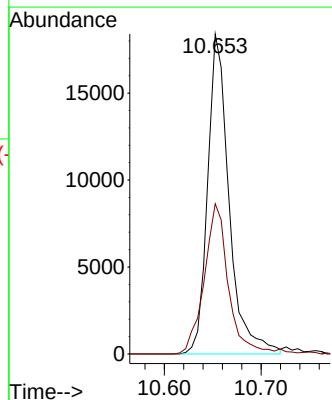
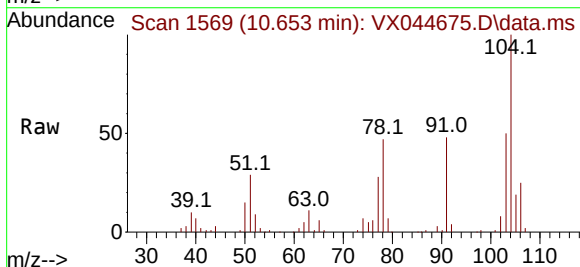
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:106 Resp: 18580  
Ion Ratio Lower Upper  
106 100  
91 220.0 153.2 284.4

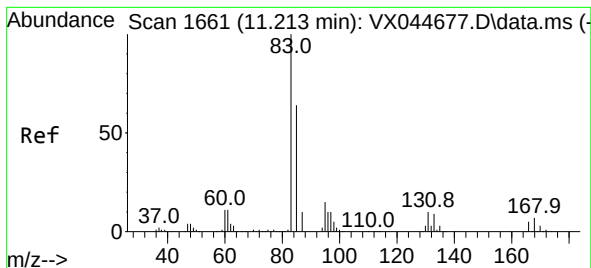


#55  
Styrene  
Concen: 4.773 ug/L  
RT: 10.653 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: VX044675.D  
Acq: 21 Jan 2025 10:53

Tgt Ion:104 Resp: 28415  
Ion Ratio Lower Upper  
104 100  
78 47.0 32.7 60.7







#57

1,1,2,2-Tetrachloroethane

Concen: 5.190 ug/L

RT: 11.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX044675.D

Acq: 21 Jan 2025 10:53

Instrument :

MSVOA\_X

ClientSampleId :

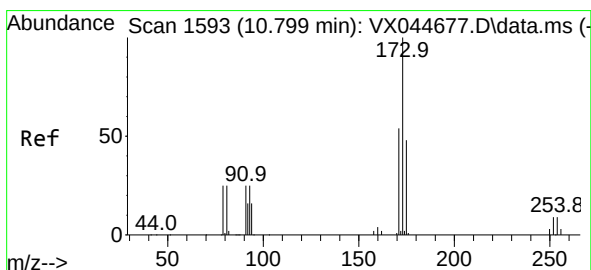
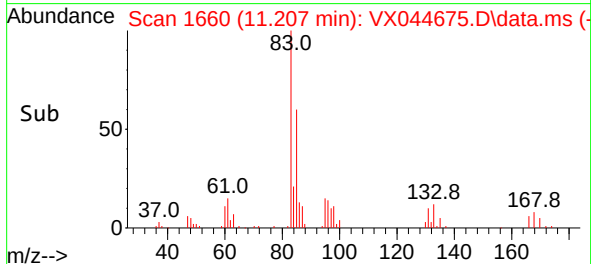
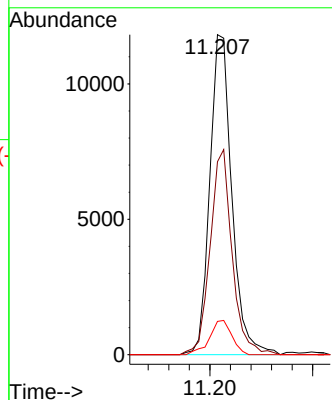
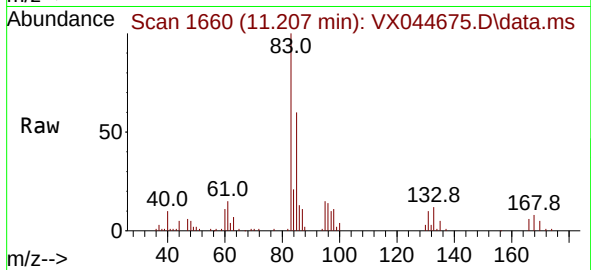
Tgt Ion: 83 Resp: 17576

Ion Ratio Lower Upper

83 100

85 60.3 44.9 83.5

131 10.4 8.0 12.0



#59

Bromoform

Concen: 5.172 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044675.D

Acq: 21 Jan 2025 10:53

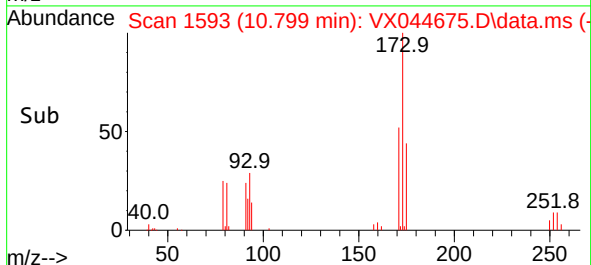
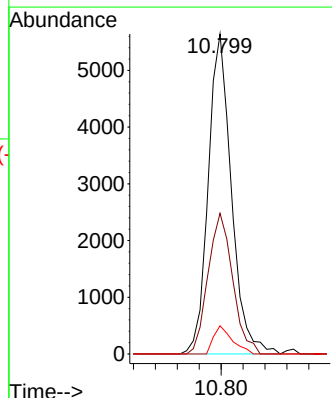
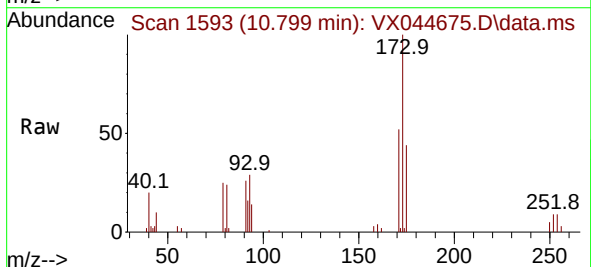
Tgt Ion:173 Resp: 8271

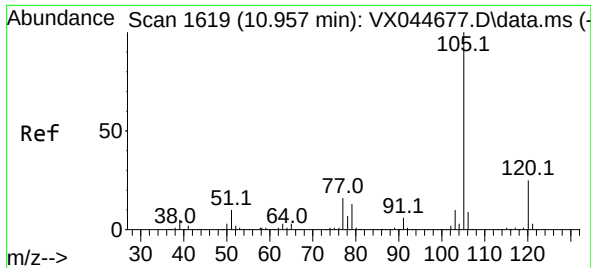
Ion Ratio Lower Upper

173 100

175 46.7 38.6 58.0

254 7.1 6.6 10.0

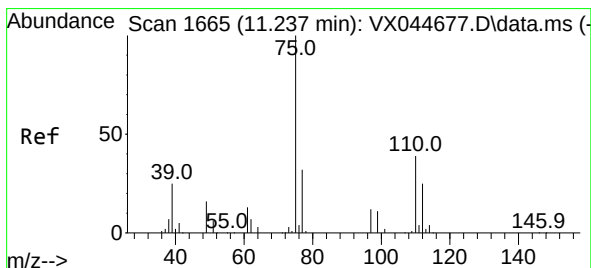
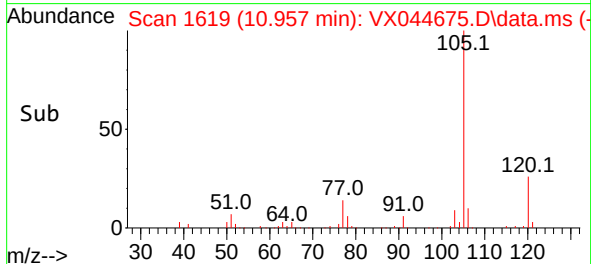
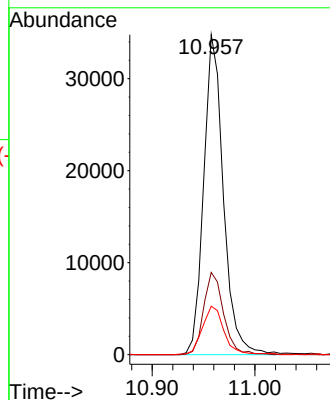
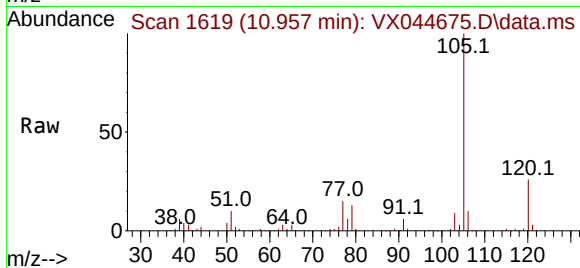




#60  
Isopropylbenzene  
Concen: 5.175 ug/L  
RT: 10.957 min Scan# 1619  
Delta R.T. 0.000 min  
Lab File: VX044675.D  
Acq: 21 Jan 2025 10:53

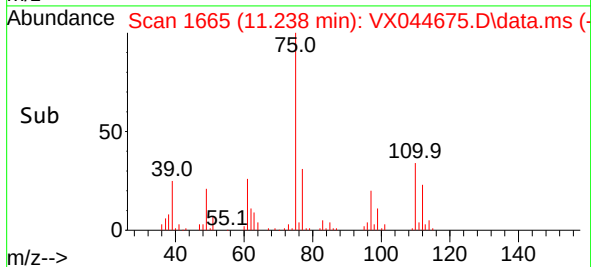
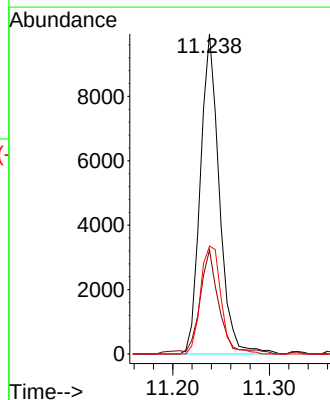
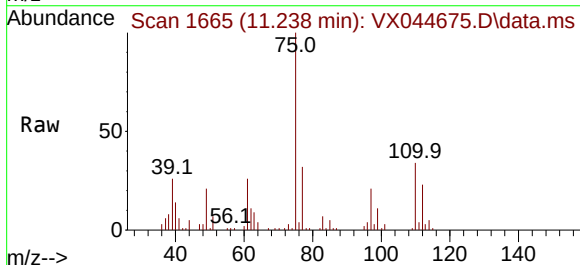
Instrument :  
MSVOA\_X  
ClientSampleId :

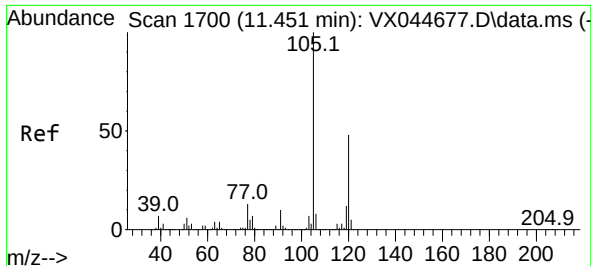
Tgt Ion:105 Resp: 46509  
Ion Ratio Lower Upper  
105 100  
120 26.0 20.9 31.3  
77 16.6 12.6 19.0



#61  
1,2,3-Trichloropropane  
Concen: 5.473 ug/L  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VX044675.D  
Acq: 21 Jan 2025 10:53

Tgt Ion: 75 Resp: 13582  
Ion Ratio Lower Upper  
75 100  
77 29.4 25.8 38.6  
110 36.6 30.8 46.2

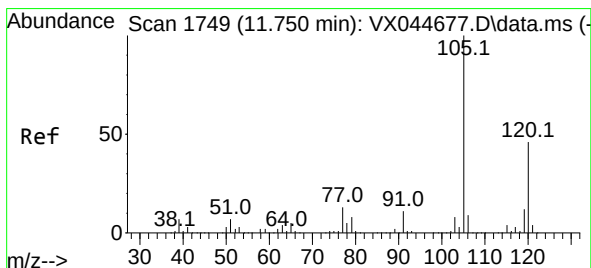
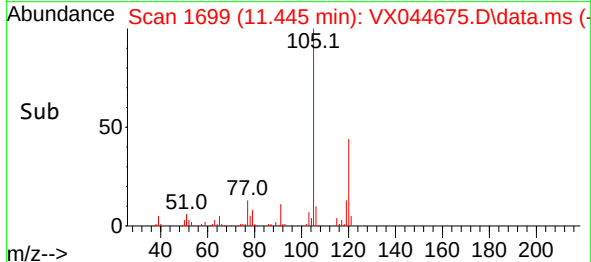
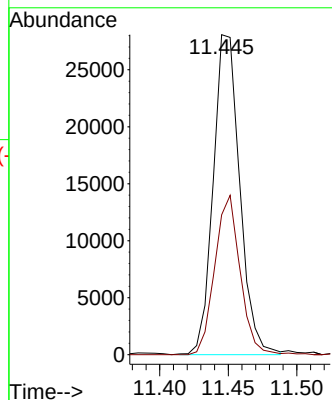
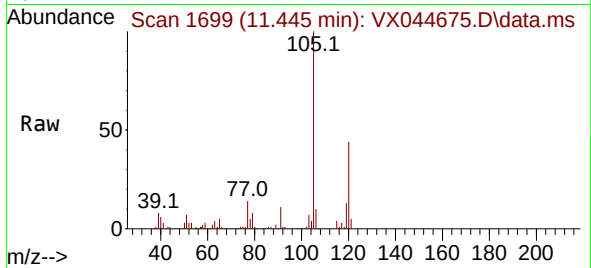




#62  
1,3,5-Trimethylbenzene  
Concen: 5.066 ug/L  
RT: 11.445 min Scan# 1699  
Delta R.T. -0.006 min  
Lab File: VX044675.D  
Acq: 21 Jan 2025 10:53

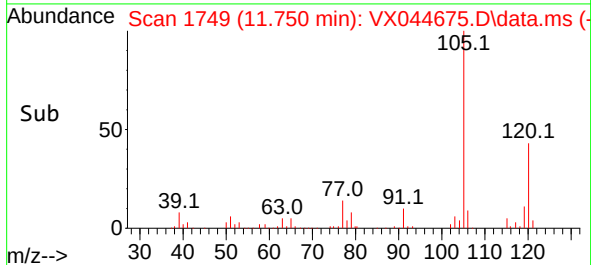
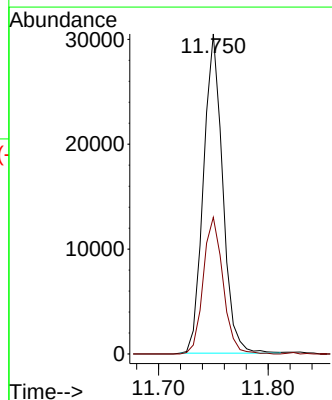
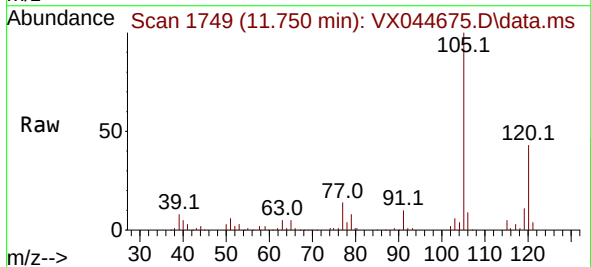
Instrument :  
MSVOA\_X  
ClientSampleId :

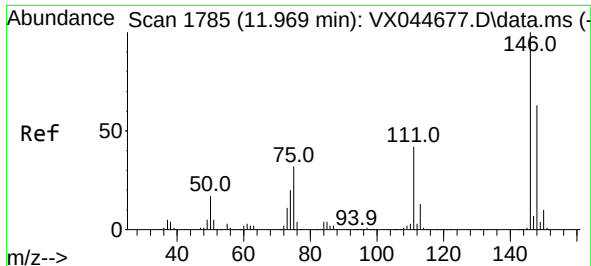
Tgt Ion:105 Resp: 37798  
Ion Ratio Lower Upper  
105 100  
120 47.6 38.3 57.5



#63  
1,2,4-Trimethylbenzene  
Concen: 5.095 ug/L  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX044675.D  
Acq: 21 Jan 2025 10:53

Tgt Ion:105 Resp: 36981  
Ion Ratio Lower Upper  
105 100  
120 44.1 35.7 53.5

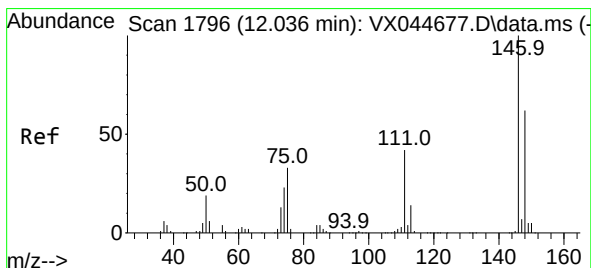
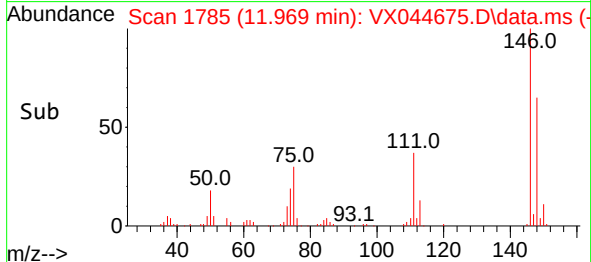
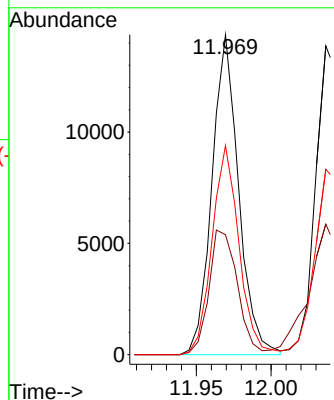
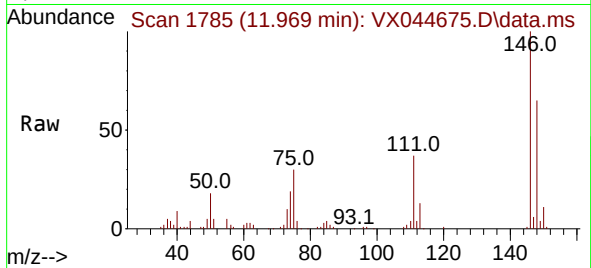




#64  
1,3-Dichlorobenzene  
Concen: 4.936 ug/L  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX044675.D  
Acq: 21 Jan 2025 10:53

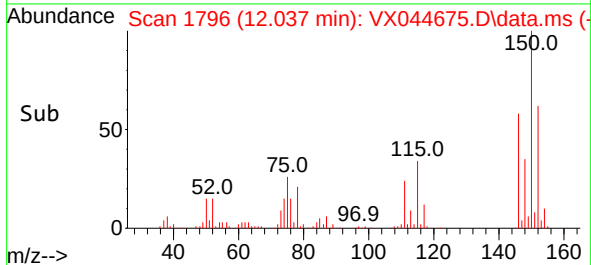
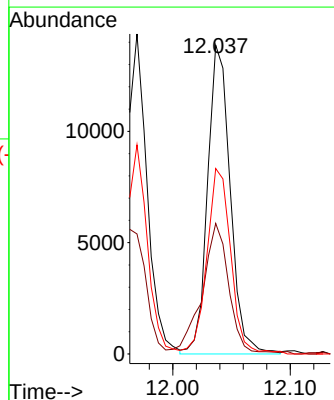
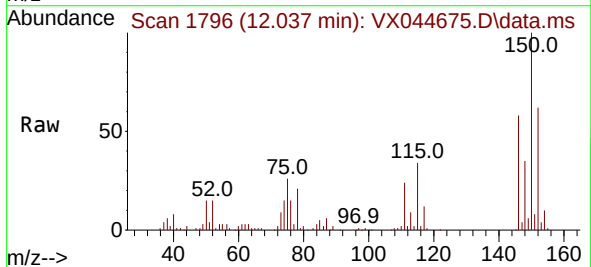
Instrument :  
MSVOA\_X  
ClientSampleId :

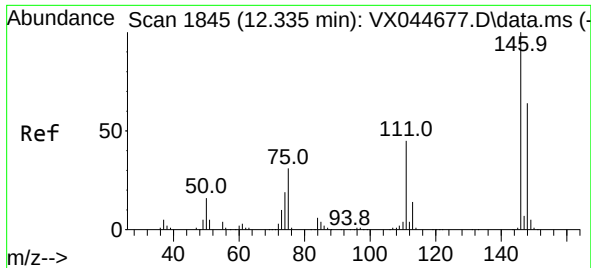
Tgt Ion:146 Resp: 17809  
Ion Ratio Lower Upper  
146 100  
111 37.5 29.5 54.9  
148 65.3 44.4 82.5



#65  
1,4-Dichlorobenzene  
Concen: 5.133 ug/L  
RT: 12.037 min Scan# 1796  
Delta R.T. 0.000 min  
Lab File: VX044675.D  
Acq: 21 Jan 2025 10:53

Tgt Ion:146 Resp: 18579  
Ion Ratio Lower Upper  
146 100  
111 42.3 29.7 55.1  
148 60.1 43.5 80.7

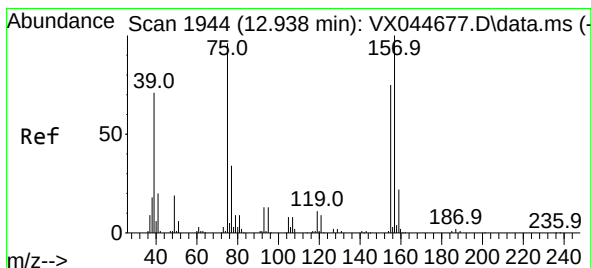
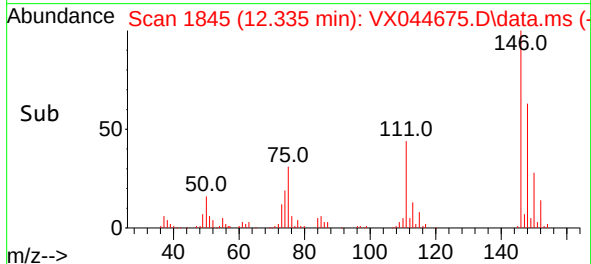
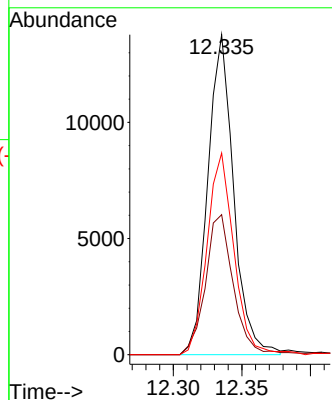
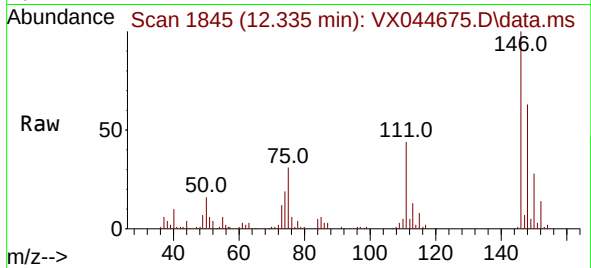




#67  
1,2-Dichlorobenzene  
Concen: 4.978 ug/L  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX044675.D  
Acq: 21 Jan 2025 10:53

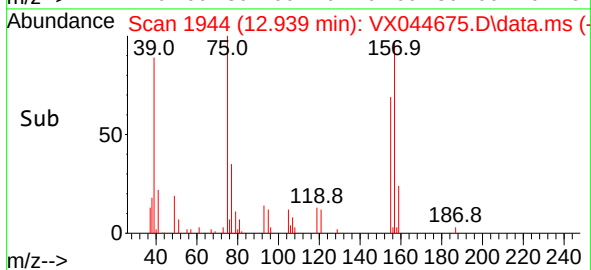
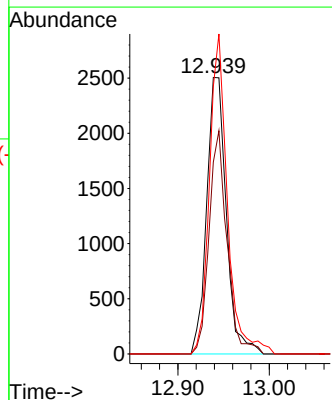
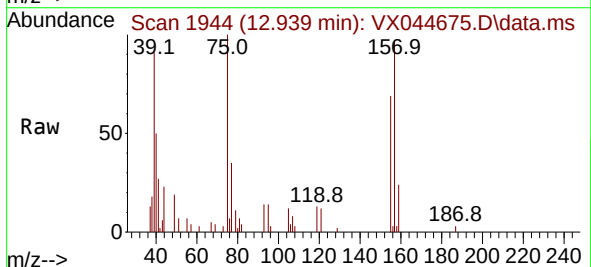
Instrument :  
MSVOA\_X  
ClientSampleId :

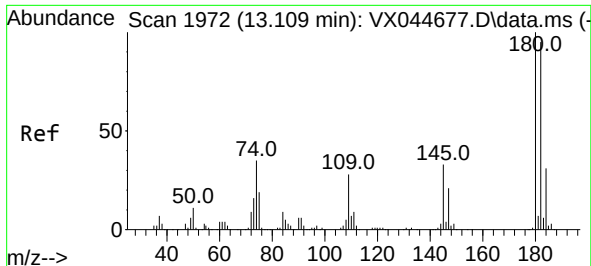
Tgt Ion:146 Resp: 18013  
Ion Ratio Lower Upper  
146 100  
111 43.8 36.1 54.1  
148 63.0 51.5 77.3



#68  
1,2-Dibromo-3-chloropropane  
Concen: 5.227 ug/L  
RT: 12.939 min Scan# 1944  
Delta R.T. 0.000 min  
Lab File: VX044675.D  
Acq: 21 Jan 2025 10:53

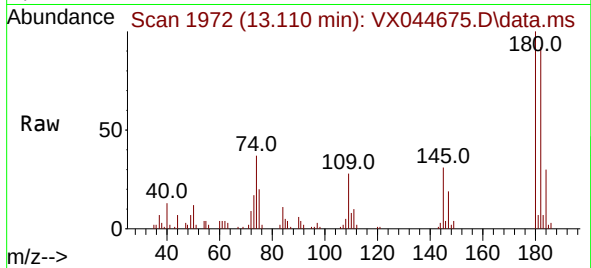
Tgt Ion: 75 Resp: 3729  
Ion Ratio Lower Upper  
75 100  
155 69.4 62.5 93.7  
157 96.7 83.5 125.3



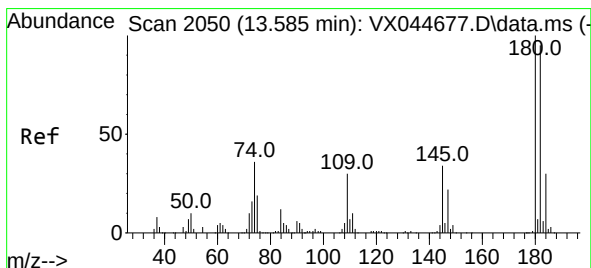
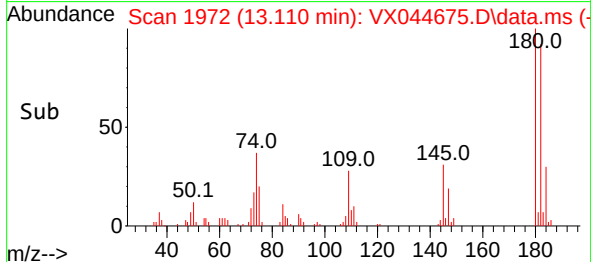
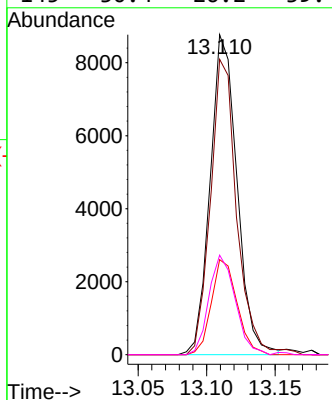


#69  
1,3,5-Trichlorobenzene  
Concen: 5.089 ug/L  
RT: 13.110 min Scan# 1972  
Delta R.T. 0.000 min  
Lab File: VX044675.D  
Acq: 21 Jan 2025 10:53

Instrument :  
MSVOA\_X  
ClientSampleId :

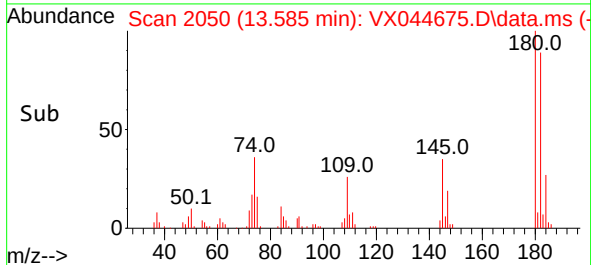
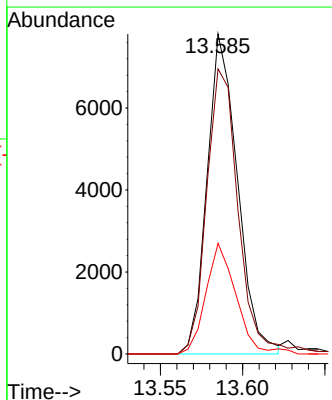
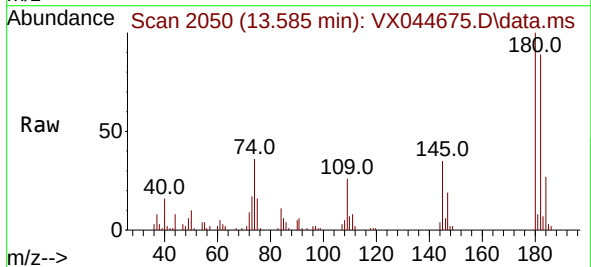


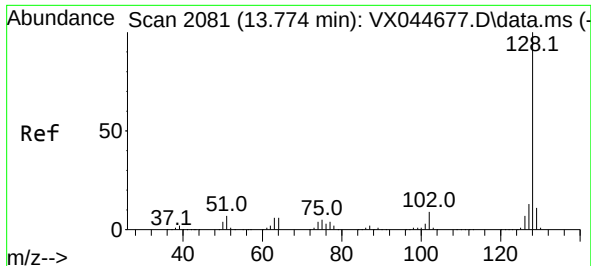
Tgt Ion:180 Resp: 11961  
Ion Ratio Lower Upper  
180 100  
182 88.8 77.0 115.6  
184 28.5 24.0 36.0  
145 30.4 26.2 39.4



#70  
1,2,4-trichlorobenzene  
Concen: 4.742 ug/L  
RT: 13.585 min Scan# 2050  
Delta R.T. 0.000 min  
Lab File: VX044675.D  
Acq: 21 Jan 2025 10:53

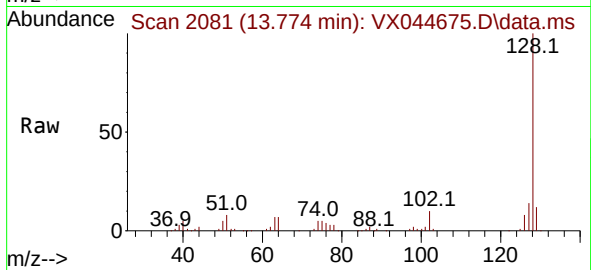
Tgt Ion:180 Resp: 10036  
Ion Ratio Lower Upper  
180 100  
182 93.0 76.5 114.7  
145 33.6 27.0 40.4



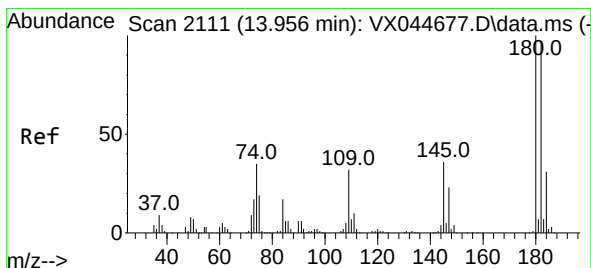
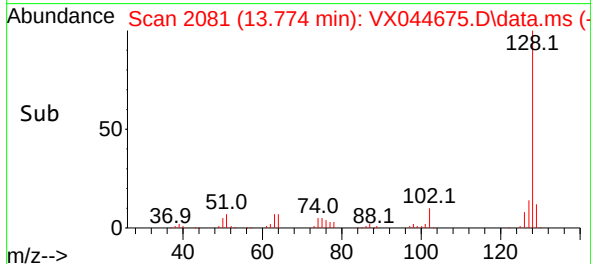
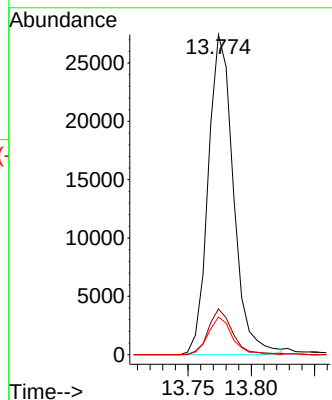


#71  
Naphthalene  
Concen: 4.691 ug/L  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX044675.D  
Acq: 21 Jan 2025 10:53

Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion:128 Resp: 38033  
Ion Ratio Lower Upper  
128 100  
127 13.8 10.1 15.1  
129 11.3 8.7 13.1



#72  
1,2,3-Trichlorobenzene  
Concen: 4.854 ug/L  
RT: 13.957 min Scan# 2111  
Delta R.T. 0.000 min  
Lab File: VX044675.D  
Acq: 21 Jan 2025 10:53

Tgt Ion:180 Resp: 10551  
Ion Ratio Lower Upper  
180 100  
182 94.9 77.1 115.7  
145 36.0 28.3 42.5

