

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW013125\  
 Data File : VW031674.D  
 Acq On : 31 Jan 2025 18:09  
 Operator : SY/MD  
 Sample : VSTD050  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Feb 03 07:33:35 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM013125SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Mon Feb 03 07:30:43 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Difluorobenzene        | 8.837  | 114  | 438861   | 25.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.623 | 117  | 300653   | 25.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152  | 131816   | 25.000  | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65   | 299306   | 44.856  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 2.893  | 69   | 199845   | 42.384  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 4.015  | 65   | 142814   | 47.949  | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 7.081  | 46   | 198086   | 156.430 | ug/L   | -0.01    |
| 24) Chloroform-d              | 7.642  | 84   | 429028   | 39.935  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.301  | 65   | 153707   | 30.541  | ug/L   | 0.00     |
| 32) Benzene-d6                | 8.270  | 84   | 955840   | 51.186  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67   | 230122   | 43.299  | ug/L   | 0.00     |
| 41) Toluene-d8                | 10.319 | 98   | 872497   | 52.099  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79   | 69662    | 33.856  | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 10.922 | 63   | 94103    | 149.694 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.684 | 84   | 157701   | 46.997  | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152  | 182541   | 41.045  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.009  | 85   | 359070   | 61.539  | ug/L # | 87       |
| 3) Chloromethane              | 2.223  | 50   | 292856   | 49.658  | ug/L   | 95       |
| 5) Vinyl chloride             | 2.375  | 62   | 439144   | 57.494  | ug/L   | 97       |
| 6) Bromomethane               | 2.783  | 94   | 184869   | 42.927  | ug/L   | 94       |
| 8) Chloroethane               | 2.930  | 64   | 209658   | 48.396  | ug/L   | 94       |
| 9) Trichlorofluoromethane     | 3.259  | 101  | 372474   | 51.279  | ug/L   | 97       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.058  | 101  | 164949   | 27.779  | ug/L # | 1        |
| 12) 1,1-Dichloroethene        | 4.045  | 96   | 368050   | 61.170  | ug/L   | 95       |
| 13) Acetone                   | 4.143  | 43   | 147659   | 146.341 | ug/L   | 97       |
| 14) Carbon disulfide          | 4.387  | 76   | 1170007  | 58.664  | ug/L   | 100      |
| 15) Methyl Acetate            | 4.679  | 43   | 140972   | 58.894  | ug/L # | 100      |
| 16) Methylene chloride        | 4.929  | 84   | 208451   | 36.542  | ug/L   | 95       |
| 17) trans-1,2-Dichloroethene  | 5.423  | 96   | 365561   | 57.085  | ug/L   | 95       |
| 18) Methyl tert-butyl Ether   | 5.423  | 73   | 275581   | 29.970  | ug/L   | 99       |
| 19) 1,1-Dichloroethane        | 6.216  | 63   | 554122   | 47.764  | ug/L   | 98       |
| 20) cis-1,2-Dichloroethene    | 7.167  | 96   | 296893   | 45.373  | ug/L   | 97       |
| 22) 2-Butanone                | 7.179  | 43   | 245145   | 149.565 | ug/L   | 98       |
| 23) Bromochloromethane        | 7.508  | 128  | 90897    | 36.862  | ug/L   | 95       |
| 25) Chloroform                | 7.673  | 83   | 475139   | 43.693  | ug/L   | 100      |
| 27) 1,2-Dichloroethane        | 8.398  | 62   | 215528   | 33.410  | ug/L   | 97       |
| 29) Cyclohexane               | 7.953  | 56   | 834423   | 80.401  | ug/L   | 98       |
| 30) 1,1,1-Trichloroethane     | 7.868  | 97   | 551900   | 68.002  | ug/L   | 97       |
| 31) Carbon tetrachloride      | 8.063  | 117  | 519792   | 71.093  | ug/L   | 100      |
| 33) Benzene                   | 8.319  | 78   | 1277139  | 59.679  | ug/L   | 100      |
| 34) Trichloroethene           | 9.087  | 95   | 395015   | 67.493  | ug/L   | 98       |
| 35) Methylcyclohexane         | 9.331  | 83   | 847970   | 78.549  | ug/L   | 97       |
| 37) 1,2-Dichloropropane       | 9.361  | 63   | 240974   | 47.014  | ug/L   | 100      |
| 38) Bromodichloromethane      | 9.642  | 83   | 262268   | 43.440  | ug/L   | 96       |
| 39) cis-1,3-Dichloropropene   | 10.069 | 75   | 322079   | 41.719  | ug/L   | 98       |
| 40) 4-Methyl-2-pentanone      | 10.203 | 43   | 316156   | 117.652 | ug/L   | 99       |
| 42) Toluene                   | 10.386 | 91   | 1372844  | 61.475  | ug/L   | 100      |
| 44) trans-1,3-Dichloropropene | 10.599 | 75   | 227673   | 37.351  | ug/L   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW013125\  
 Data File : VW031674.D  
 Acq On : 31 Jan 2025 18:09  
 Operator : SY/MD  
 Sample : VSTD050  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Feb 03 07:33:35 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM013125SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Mon Feb 03 07:30:43 2025  
 Response via : Initial Calibration

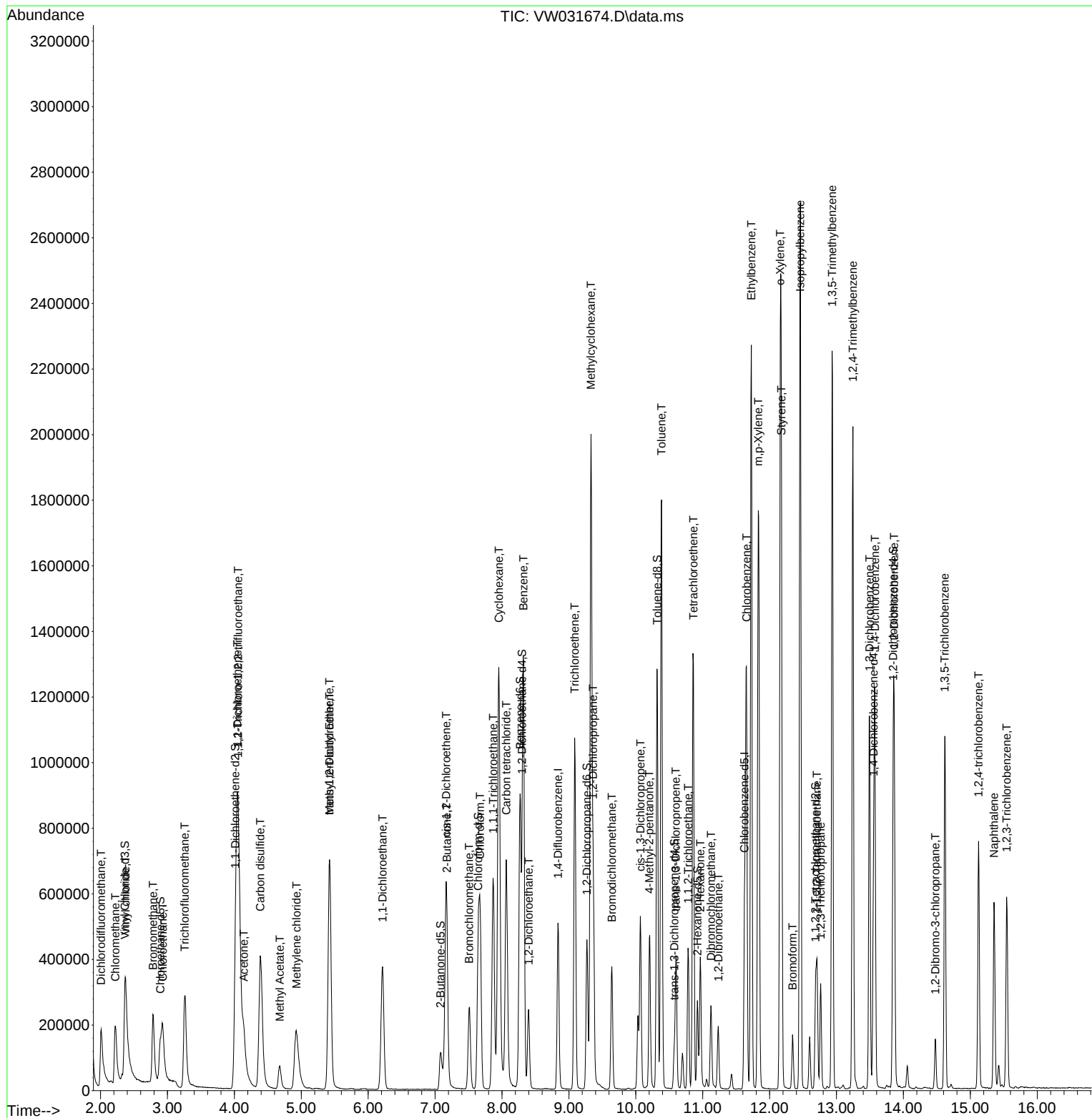
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 10.782 | 97   | 141045   | 43.774  | ug/L  | 97       |
| 46) Tetrachloroethene         | 10.861 | 164  | 291071   | 68.132  | ug/L  | 87       |
| 48) 2-Hexanone                | 10.965 | 43   | 247610   | 143.628 | ug/L  | 97       |
| 49) Dibromochloromethane      | 11.123 | 129  | 138237   | 40.165  | ug/L  | 95       |
| 50) 1,2-Dibromoethane         | 11.233 | 107  | 132798   | 44.356  | ug/L  | 95       |
| 51) Chlorobenzene             | 11.654 | 112  | 702184   | 52.665  | ug/L  | 100      |
| 52) Ethylbenzene              | 11.727 | 91   | 1641968  | 64.159  | ug/L  | 97       |
| 53) m,p-Xylene                | 11.831 | 106  | 599605   | 62.179  | ug/L  | 94       |
| 54) o-Xylene                  | 12.160 | 106  | 494021   | 55.764  | ug/L  | 99       |
| 55) Styrene                   | 12.178 | 104  | 745428   | 51.566  | ug/L  | 97       |
| 57) 1,1,2,2-Tetrachloroethane | 12.708 | 83   | 179693   | 49.393  | ug/L  | 92       |
| 59) Bromoform                 | 12.343 | 173  | 69844    | 40.972  | ug/L  | 97       |
| 60) Isopropylbenzene          | 12.458 | 105  | 1728490  | 70.389  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 12.763 | 75   | 138444   | 54.242  | ug/L  | 98       |
| 62) 1,3,5-Trimethylbenzene    | 12.934 | 105  | 1238617  | 62.517  | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 1111149  | 58.828  | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 13.495 | 146  | 474918   | 51.133  | ug/L  | 96       |
| 65) 1,4-Dichlorobenzene       | 13.574 | 146  | 447964   | 49.124  | ug/L  | 90       |
| 67) 1,2-Dichlorobenzene       | 13.861 | 146  | 372921   | 47.708  | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 14.476 | 75   | 39010    | 64.521  | ug/L  | 99       |
| 69) 1,3,5-Trichlorobenzene    | 14.617 | 180  | 335583   | 53.597  | ug/L  | 98       |
| 70) 1,2,4-trichlorobenzene    | 15.123 | 180  | 243901   | 49.860  | ug/L  | 95       |
| 71) Naphthalene               | 15.354 | 128  | 482654   | 51.916  | ug/L  | 98       |
| 72) 1,2,3-Trichlorobenzene    | 15.543 | 180  | 187479   | 45.266  | ug/L  | 99       |

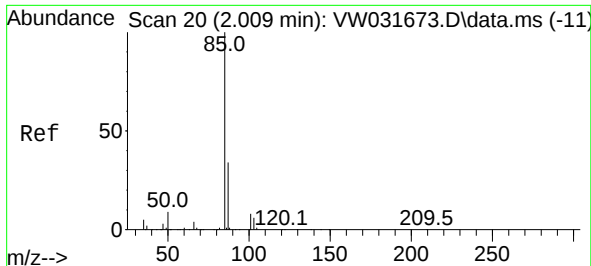
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW031325\  
Data File : VW031674.D  
Acq On : 31 Jan 2025 18:09  
Operator : SY/MD  
Sample : VSTD050  
Misc : 5.00g/10mL/MSVOA\_W/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

Quant Time: Feb 03 07:33:35 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM013125SMA.M  
Quant Title : SFAM01.0  
QLast Update : Mon Feb 03 07:30:43 2025  
Response via : Initial Calibration

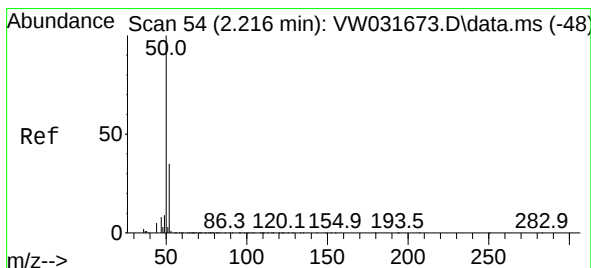
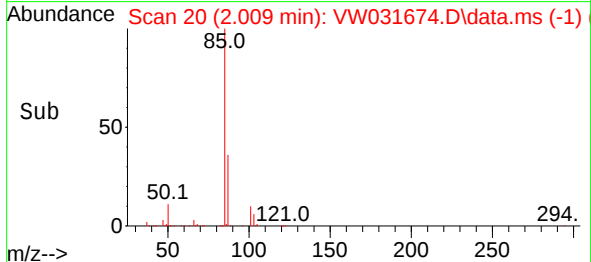
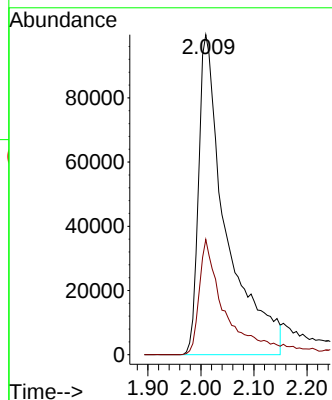
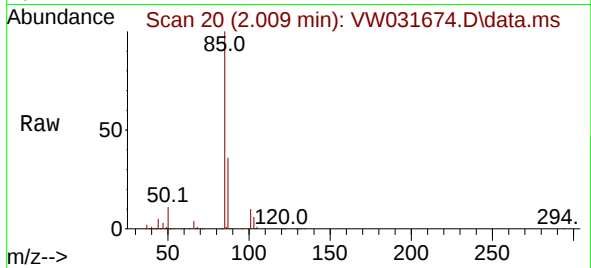




#2  
 Dichlorodifluoromethane  
 Concen: 61.539 ug/L  
 RT: 2.009 min Scan# 20  
 Delta R.T. 0.000 min  
 Lab File: VW031674.D  
 Acq: 31 Jan 2025 18:09

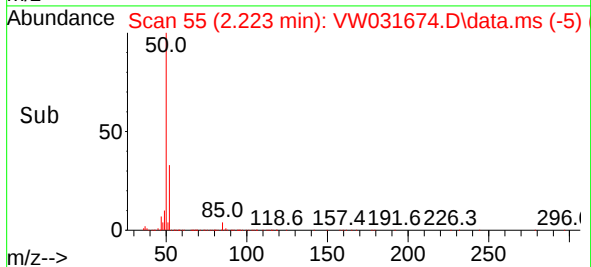
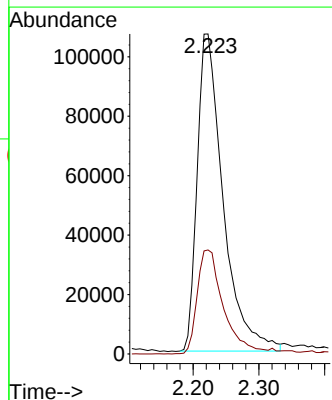
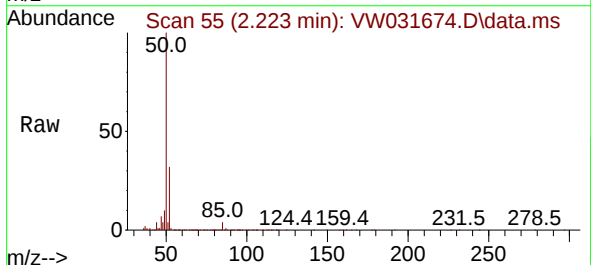
Instrument :  
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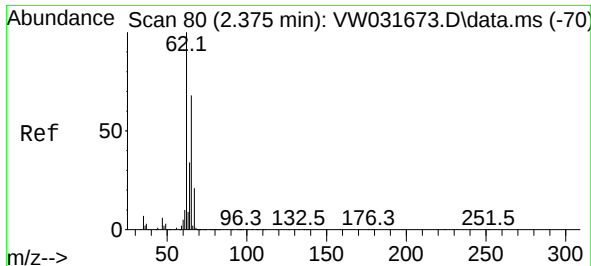
Tgt Ion: 85 Resp: 359070  
 Ion Ratio Lower Upper  
 85 100  
 87 30.9 19.6 29.4#



#3  
 Chloromethane  
 Concen: 49.658 ug/L  
 RT: 2.223 min Scan# 55  
 Delta R.T. 0.006 min  
 Lab File: VW031674.D  
 Acq: 31 Jan 2025 18:09

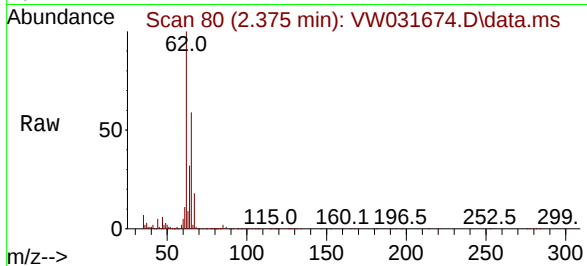
Tgt Ion: 50 Resp: 292856  
 Ion Ratio Lower Upper  
 50 100  
 52 32.5 24.6 45.8



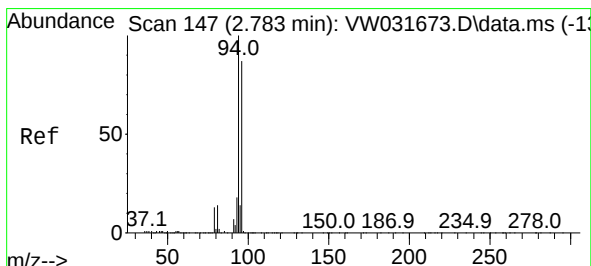
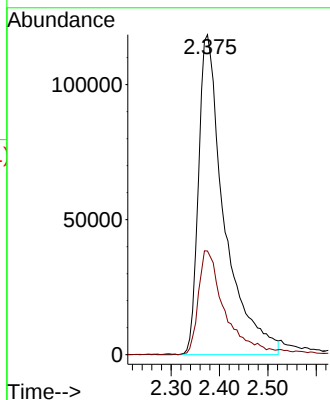
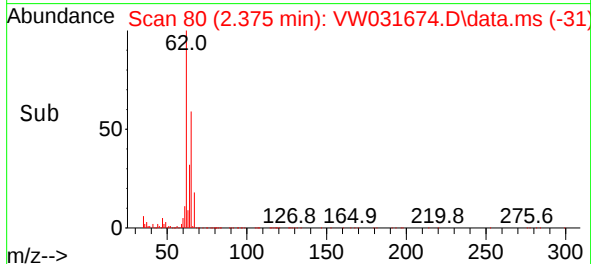


#5  
 Vinyl chloride  
 Concen: 57.494 ug/L  
 RT: 2.375 min Scan# 80  
 Delta R.T. 0.000 min  
 Lab File: VW031674.D  
 Acq: 31 Jan 2025 18:09

Instrument :  
 MSVOA\_W  
 ClientSampleId :

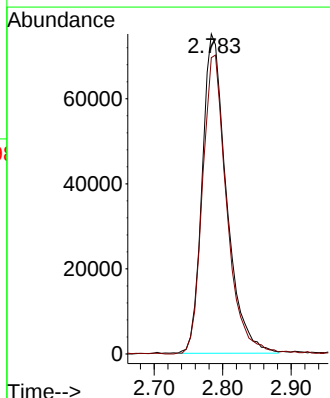
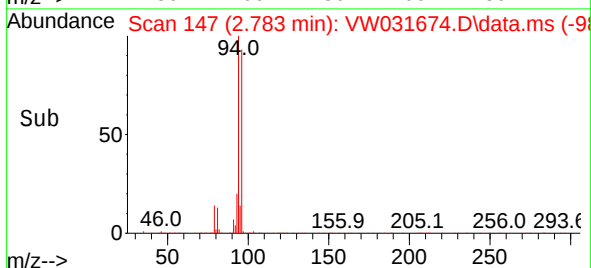
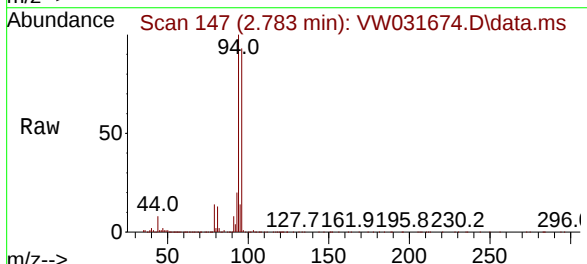


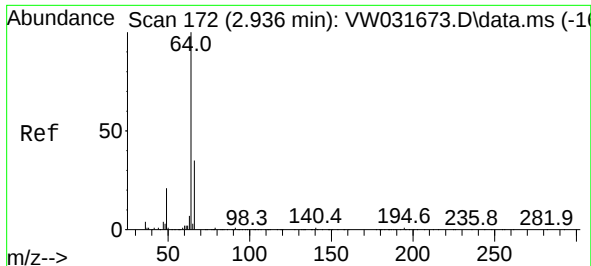
Tgt Ion: 62 Resp: 439144  
 Ion Ratio Lower Upper  
 62 100  
 64 32.4 23.8 44.2



#6  
 Bromomethane  
 Concen: 42.927 ug/L  
 RT: 2.783 min Scan# 147  
 Delta R.T. 0.000 min  
 Lab File: VW031674.D  
 Acq: 31 Jan 2025 18:09

Tgt Ion: 94 Resp: 184869  
 Ion Ratio Lower Upper  
 94 100  
 96 92.6 61.2 113.6

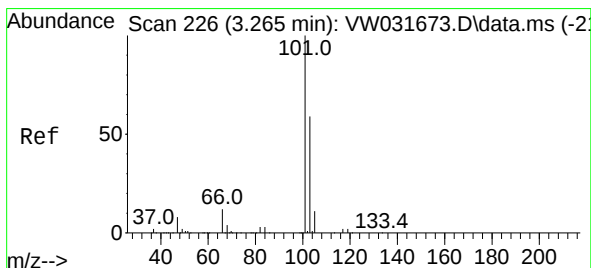
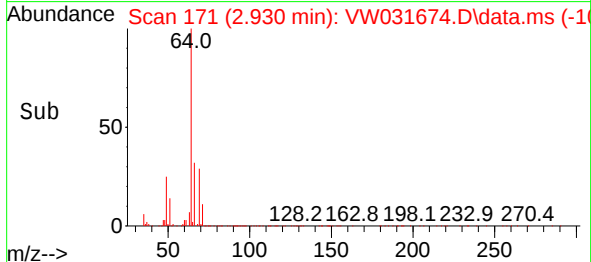
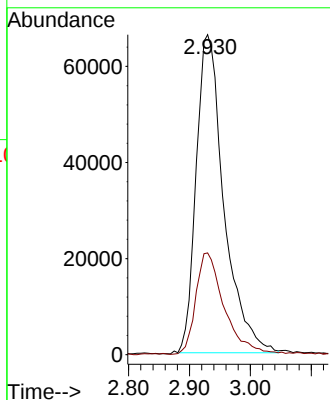
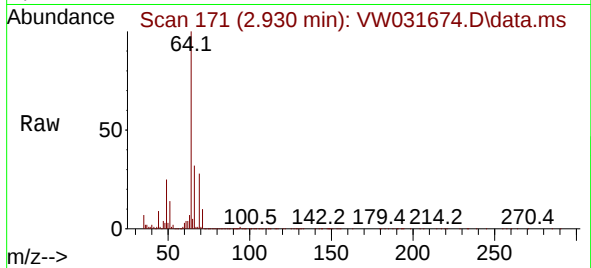




#8  
Chloroethane  
Concen: 48.396 ug/L  
RT: 2.930 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VW031674.D  
Acq: 31 Jan 2025 18:09

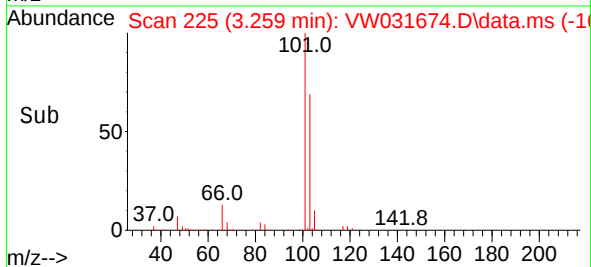
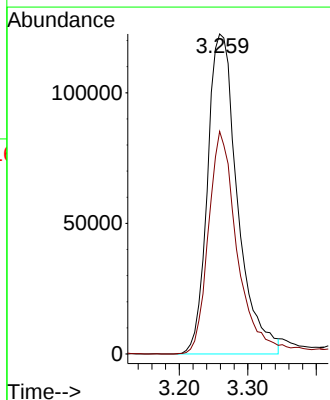
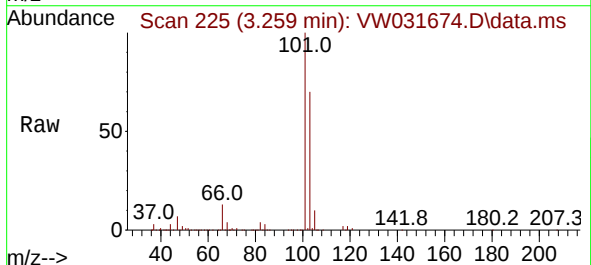
Instrument :  
MSVOA\_W  
ClientSampleId :

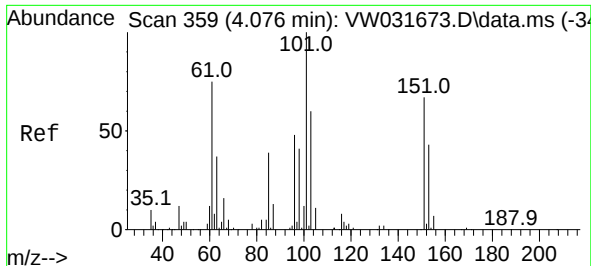
Tgt Ion: 64 Resp: 209658  
Ion Ratio Lower Upper  
64 100  
66 31.8 24.7 45.9



#9  
Trichlorofluoromethane  
Concen: 51.279 ug/L  
RT: 3.259 min Scan# 225  
Delta R.T. -0.006 min  
Lab File: VW031674.D  
Acq: 31 Jan 2025 18:09

Tgt Ion:101 Resp: 372474  
Ion Ratio Lower Upper  
101 100  
103 66.8 51.3 76.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 27.779 ug/L

RT: 4.058 min Scan# 359

Delta R.T. -0.018 min

Lab File: VW031674.D

Acq: 31 Jan 2025 18:09

Instrument :

MSVOA\_W

ClientSampleId :

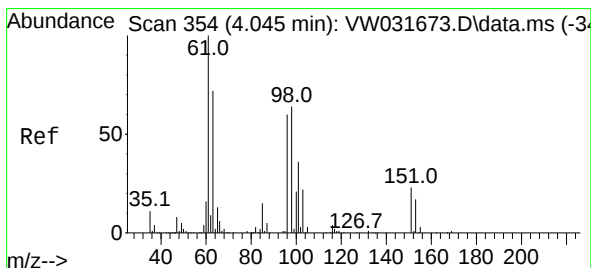
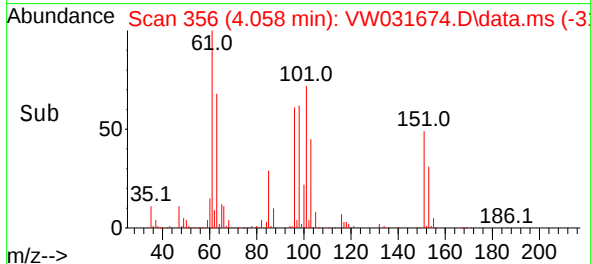
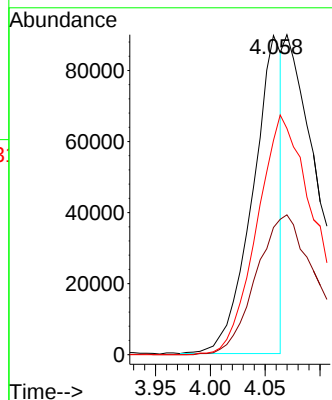
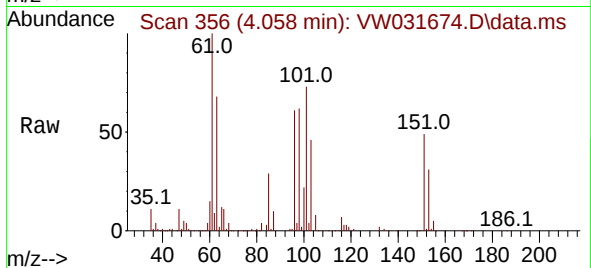
Tgt Ion:101 Resp: 164949

Ion Ratio Lower Upper

101 100

85 94.0 36.3 54.5#

151 173.5 55.9 83.9#



#12

1,1-Dichloroethene

Concen: 61.170 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW031674.D

Acq: 31 Jan 2025 18:09

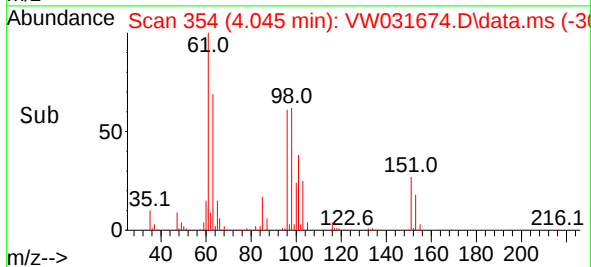
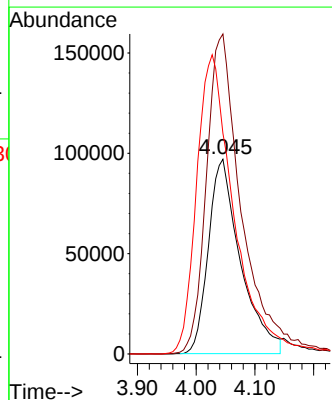
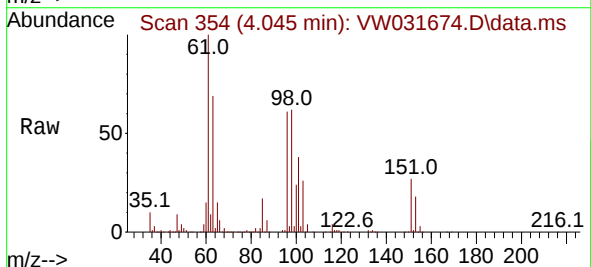
Tgt Ion: 96 Resp: 368050

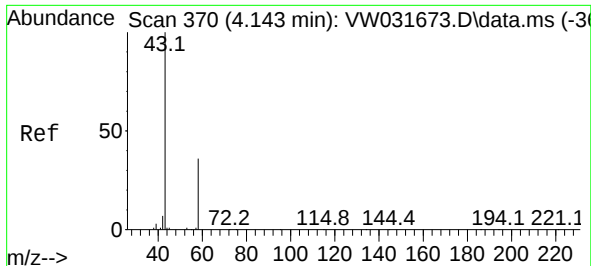
Ion Ratio Lower Upper

96 100

61 164.4 117.5 218.3

63 113.4 86.5 160.7

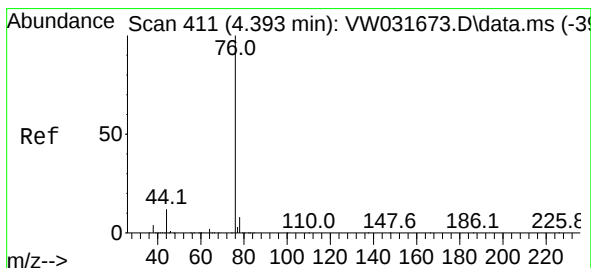
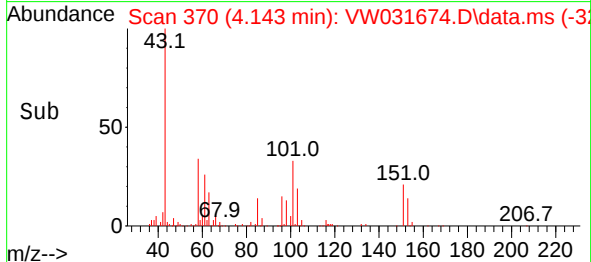
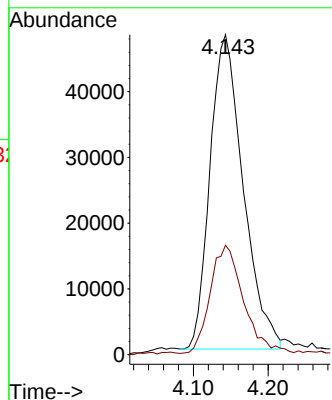
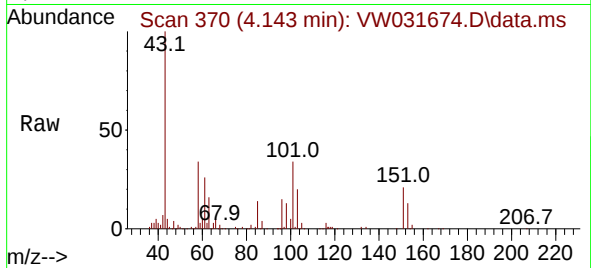




#13  
Acetone  
Concen: 146.341 ug/L  
RT: 4.143 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VW031674.D  
Acq: 31 Jan 2025 18:09

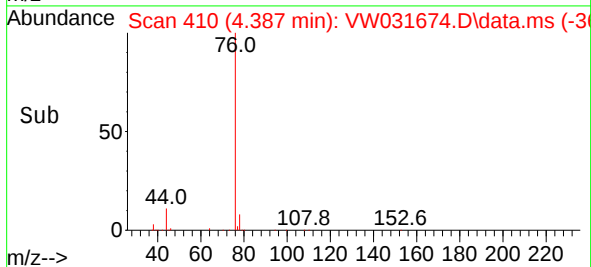
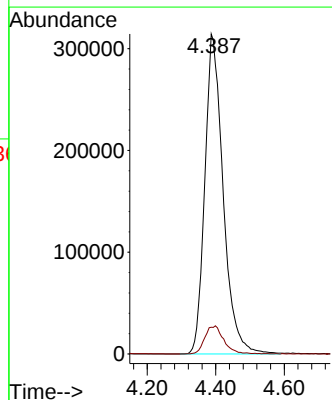
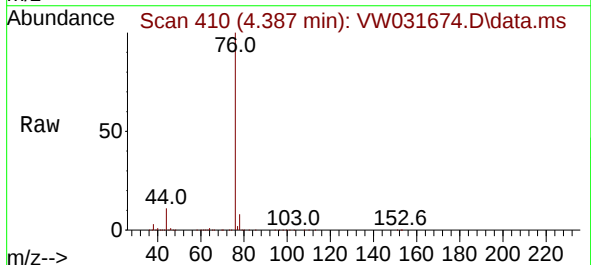
Instrument :  
MSVOA\_W  
ClientSampleId :

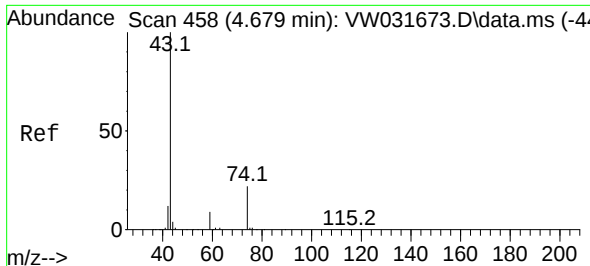
Tgt Ion: 43 Resp: 147659  
Ion Ratio Lower Upper  
43 100  
58 33.6 0.0 70.2



#14  
Carbon disulfide  
Concen: 58.664 ug/L  
RT: 4.387 min Scan# 410  
Delta R.T. -0.006 min  
Lab File: VW031674.D  
Acq: 31 Jan 2025 18:09

Tgt Ion: 76 Resp: 1170007  
Ion Ratio Lower Upper  
76 100  
78 8.3 6.6 9.8

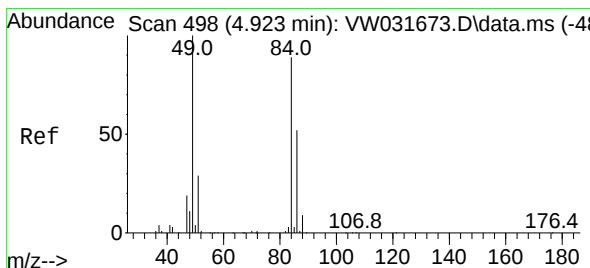
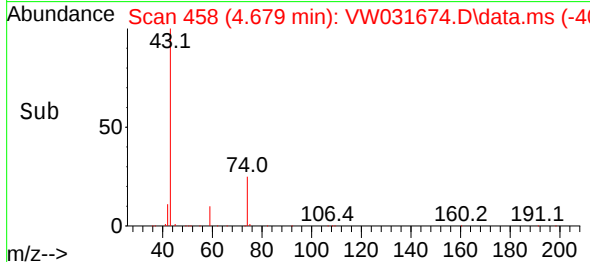
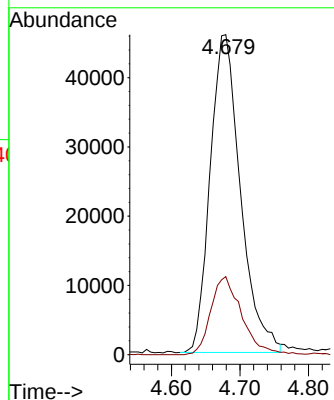
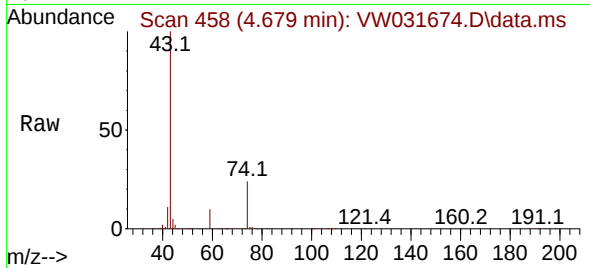




#15  
Methyl Acetate  
Concen: 58.894 ug/L  
RT: 4.679 min Scan# 458  
Delta R.T. 0.000 min  
Lab File: VW031674.D  
Acq: 31 Jan 2025 18:09

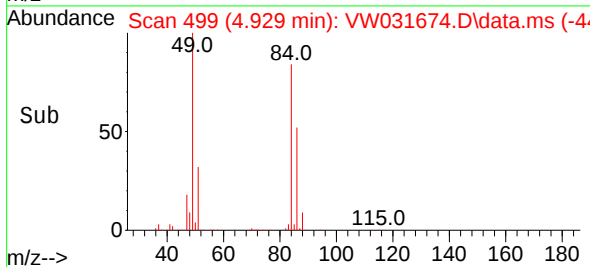
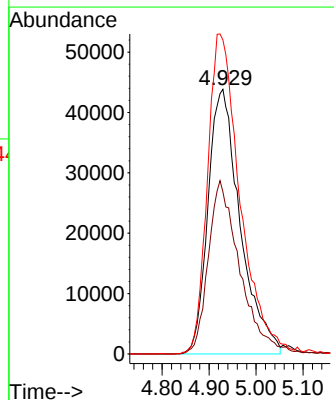
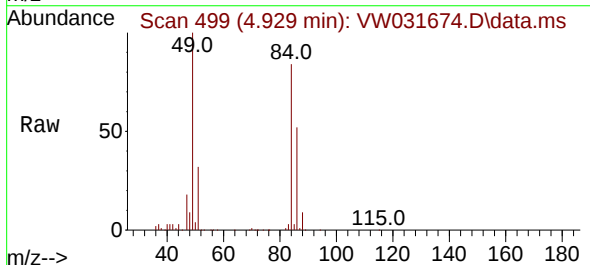
Instrument :  
MSVOA\_W  
ClientSampleId :

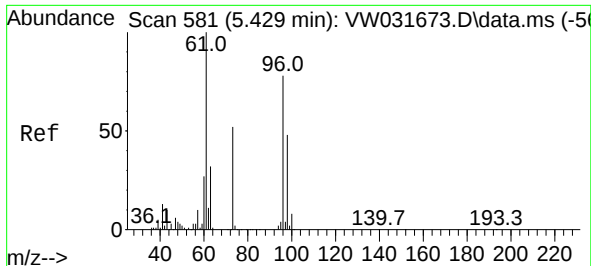
Tgt Ion: 43 Resp: 140972  
Ion Ratio Lower Upper  
43 100  
74 25.1 0.0 0.0#



#16  
Methylene chloride  
Concen: 36.542 ug/L  
RT: 4.929 min Scan# 499  
Delta R.T. 0.006 min  
Lab File: VW031674.D  
Acq: 31 Jan 2025 18:09

Tgt Ion: 84 Resp: 208451  
Ion Ratio Lower Upper  
84 100  
86 61.2 40.9 76.0  
49 118.7 78.9 146.5





#17

trans-1,2-Dichloroethene

Concen: 57.085 ug/L

RT: 5.423 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW031674.D

Acq: 31 Jan 2025 18:09

Instrument :

MSVOA\_W

ClientSampleId :

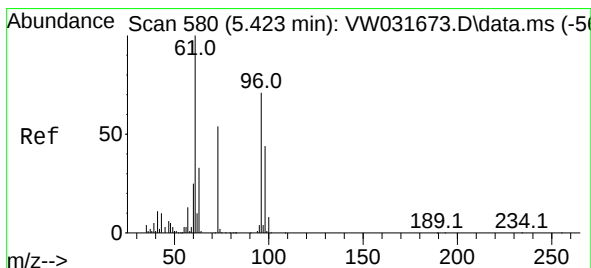
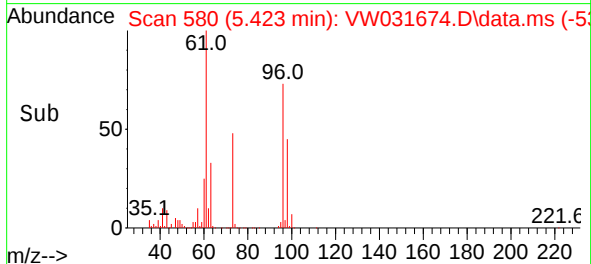
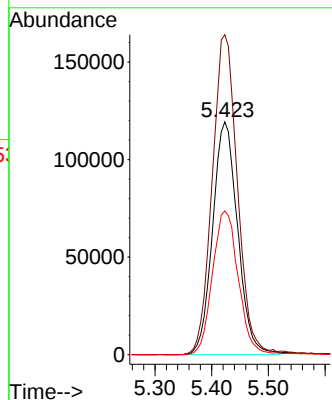
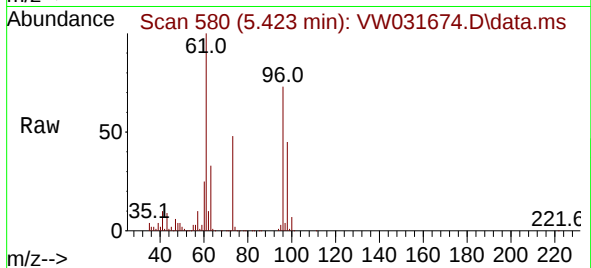
Tgt Ion: 96 Resp: 365561

Ion Ratio Lower Upper

96 100

61 137.5 90.3 167.7

98 61.8 43.0 80.0



#18

Methyl tert-butyl Ether

Concen: 29.970 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW031674.D

Acq: 31 Jan 2025 18:09

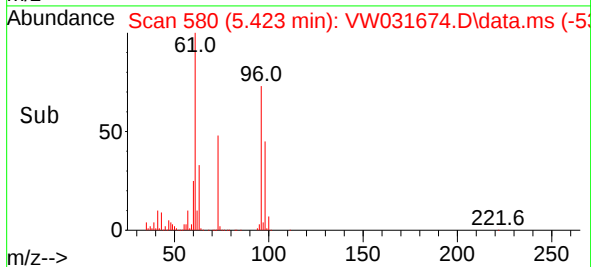
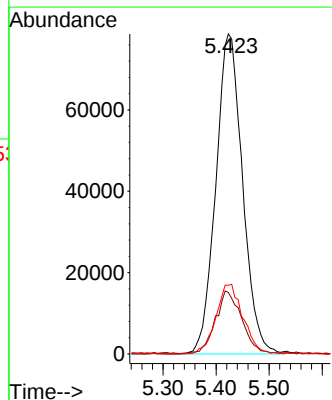
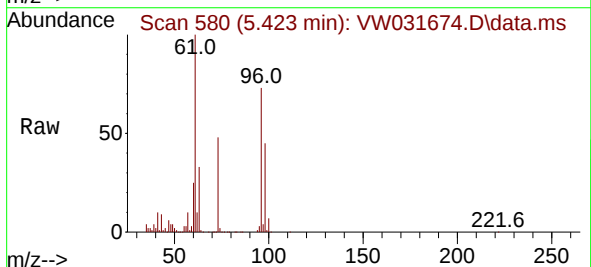
Tgt Ion: 73 Resp: 275581

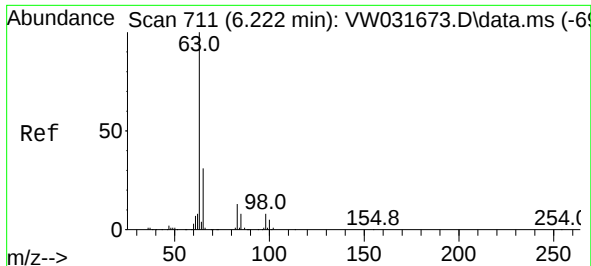
Ion Ratio Lower Upper

73 100

43 18.8 15.4 23.2

57 21.9 18.2 27.2





#19

1,1-Dichloroethane

Concen: 47.764 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW031674.D

Acq: 31 Jan 2025 18:09

Instrument :

MSVOA\_W

ClientSampleId :

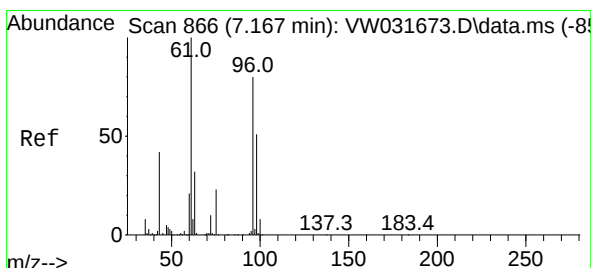
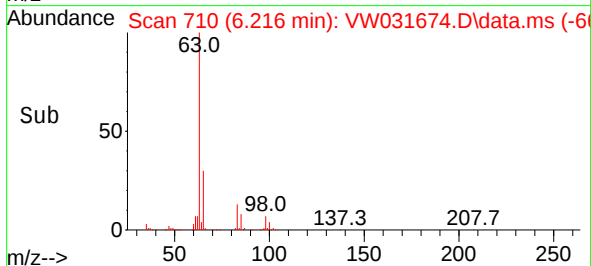
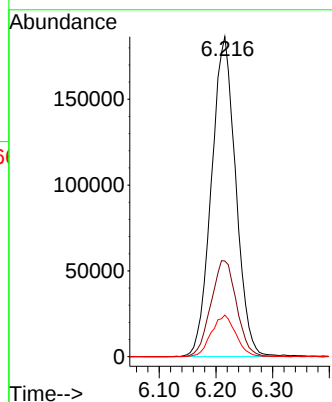
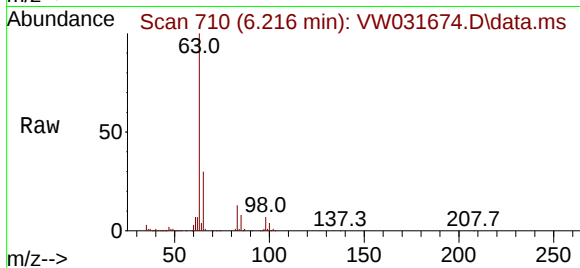
Tgt Ion: 63 Resp: 554122

Ion Ratio Lower Upper

63 100

65 29.9 21.6 40.2

83 13.0 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 45.373 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW031674.D

Acq: 31 Jan 2025 18:09

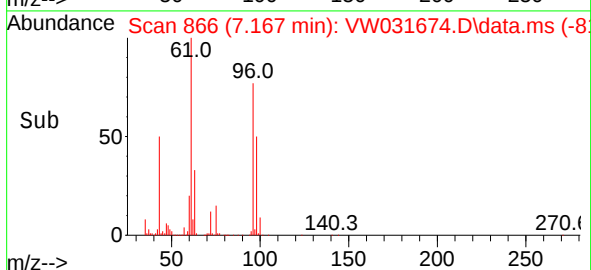
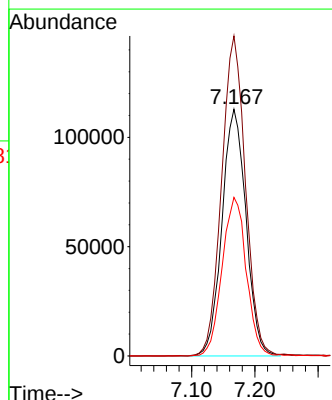
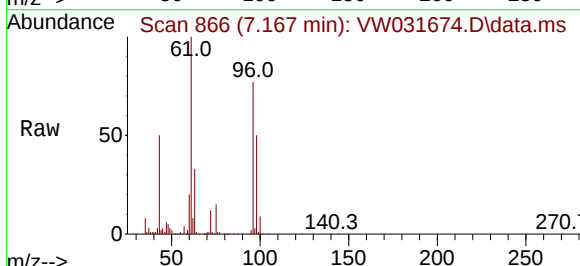
Tgt Ion: 96 Resp: 296893

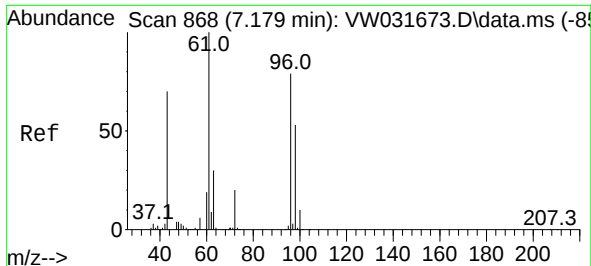
Ion Ratio Lower Upper

96 100

61 129.7 87.4 162.4

98 64.3 44.4 82.4





#22

2-Butanone

Concen: 149.565 ug/L

RT: 7.179 min Scan# 868

Delta R.T. 0.000 min

Lab File: VW031674.D

Acq: 31 Jan 2025 18:09

Instrument :

MSVOA\_W

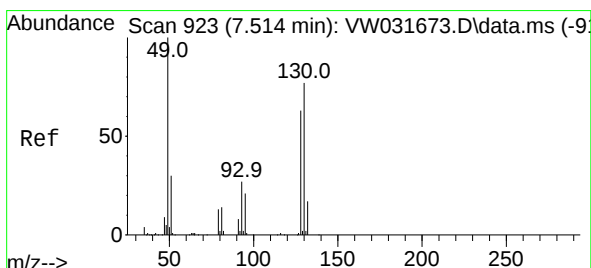
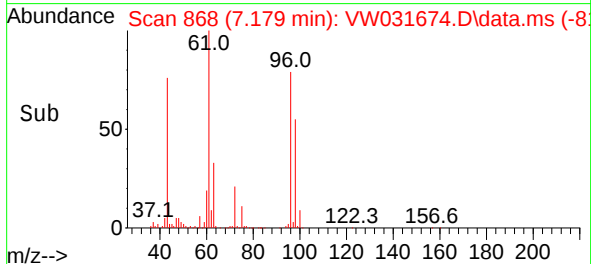
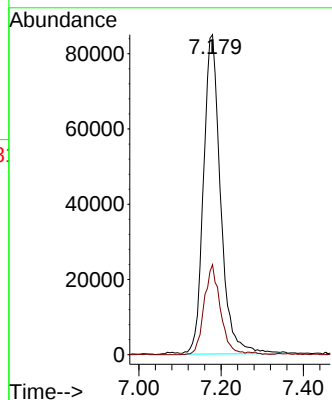
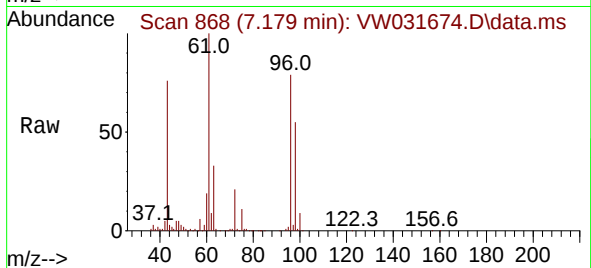
ClientSampleId :

Tgt Ion: 43 Resp: 245145

Ion Ratio Lower Upper

43 100

72 26.7 13.8 41.4



#23

Bromochloromethane

Concen: 36.862 ug/L

RT: 7.508 min Scan# 922

Delta R.T. -0.006 min

Lab File: VW031674.D

Acq: 31 Jan 2025 18:09

Tgt Ion:128 Resp: 90897

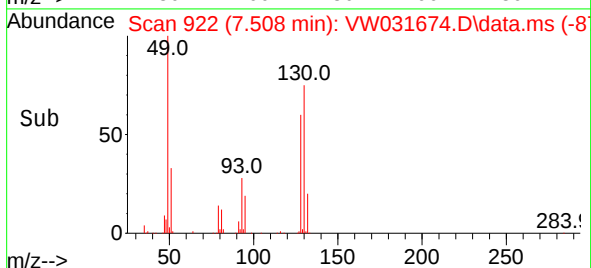
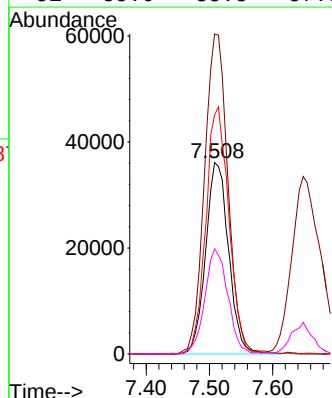
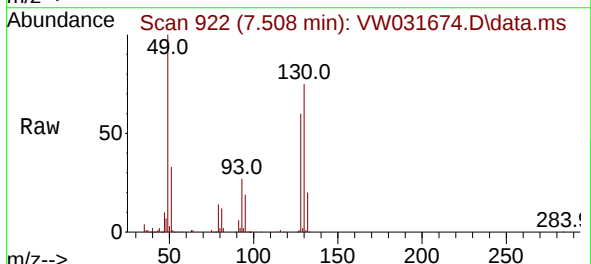
Ion Ratio Lower Upper

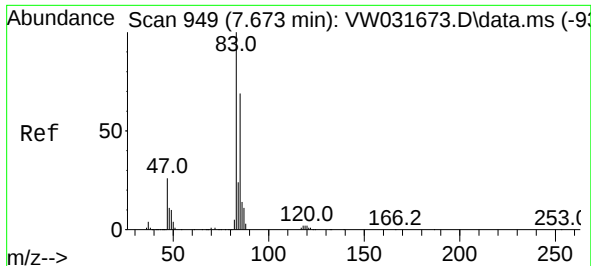
128 100

49 167.3 112.2 208.4

130 125.0 85.9 159.5

51 55.0 38.3 57.5





#25

Chloroform

Concen: 43.693 ug/L

RT: 7.673 min Scan# 949

Delta R.T. 0.000 min

Lab File: VW031674.D

Acq: 31 Jan 2025 18:09

Instrument :

MSVOA\_W

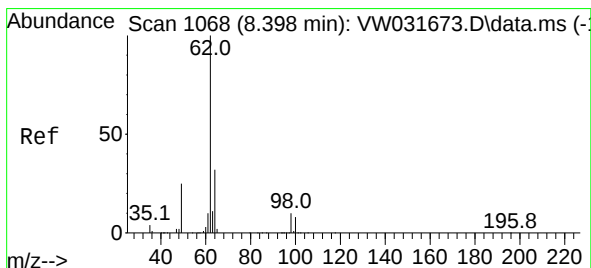
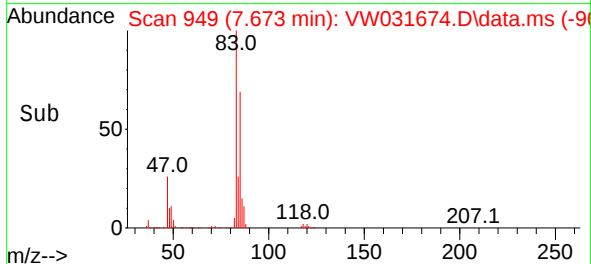
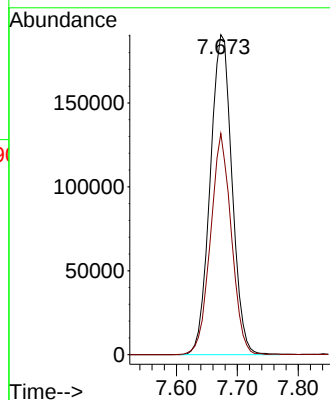
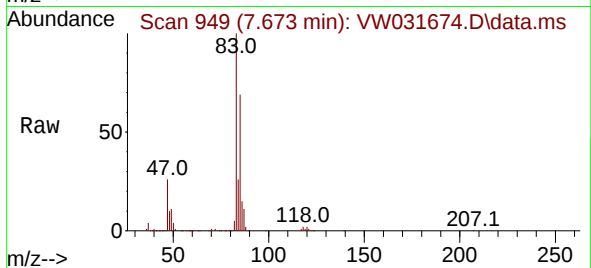
ClientSampleId :

Tgt Ion: 83 Resp: 475139

Ion Ratio Lower Upper

83 100

85 69.1 48.4 89.8



#27

1,2-Dichloroethane

Concen: 33.410 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW031674.D

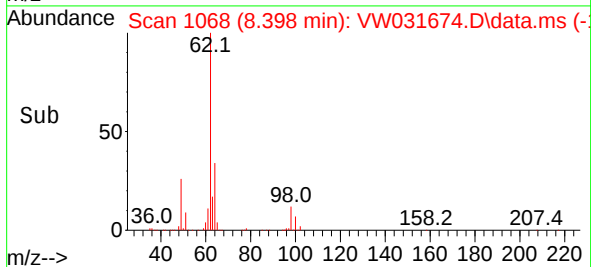
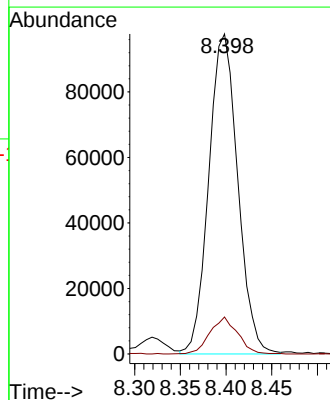
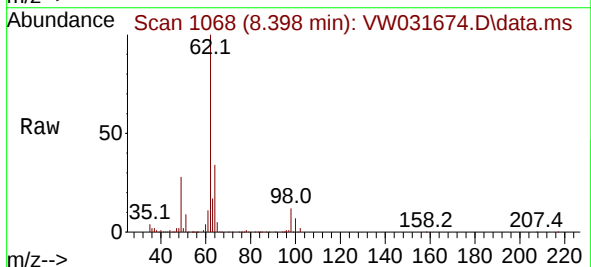
Acq: 31 Jan 2025 18:09

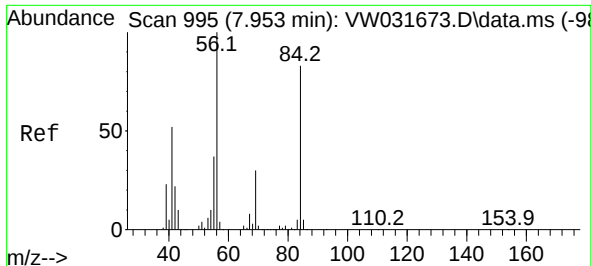
Tgt Ion: 62 Resp: 215528

Ion Ratio Lower Upper

62 100

98 11.5 8.3 12.5





#29

Cyclohexane

Concen: 80.401 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW031674.D

Acq: 31 Jan 2025 18:09

Instrument :

MSVOA\_W

ClientSampleId :

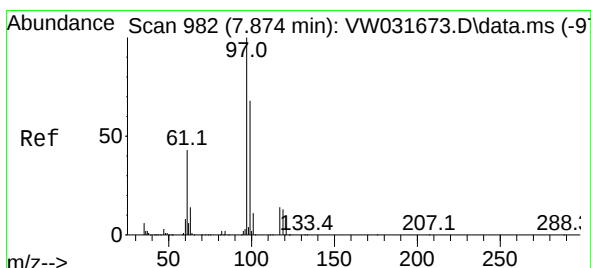
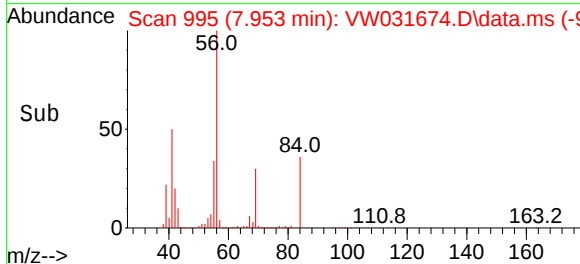
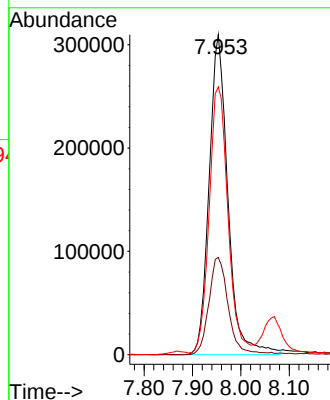
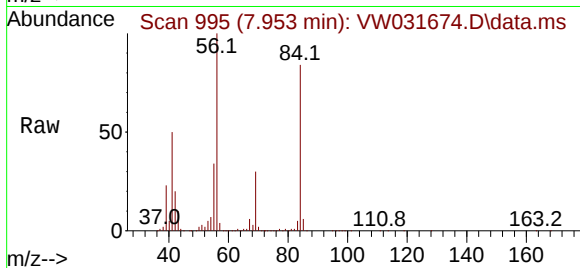
Tgt Ion: 56 Resp: 834423

Ion Ratio Lower Upper

56 100

69 31.3 24.2 36.4

84 83.0 67.8 101.8



#30

1,1,1-Trichloroethane

Concen: 68.002 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW031674.D

Acq: 31 Jan 2025 18:09

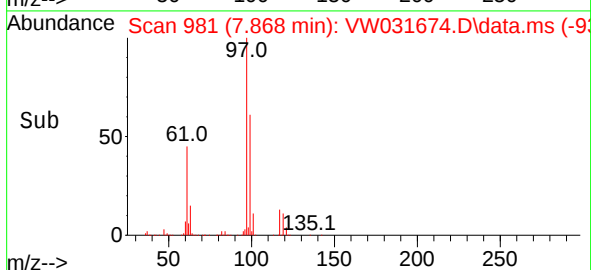
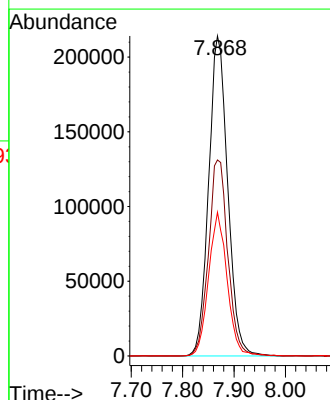
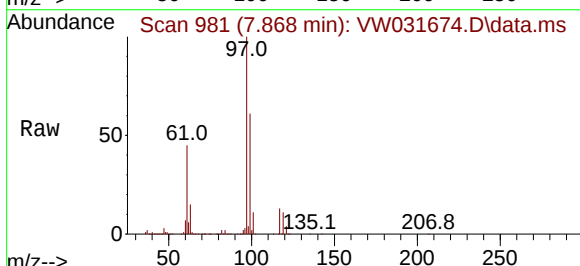
Tgt Ion: 97 Resp: 551900

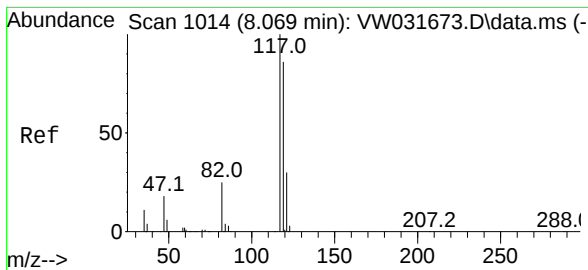
Ion Ratio Lower Upper

97 100

99 62.3 52.6 79.0

61 43.8 35.4 53.2

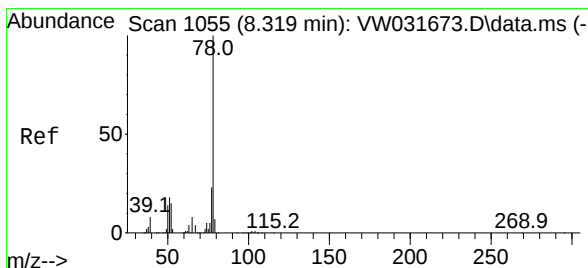
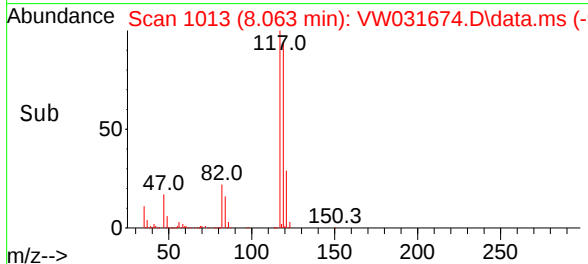
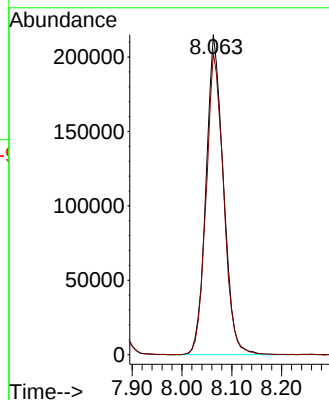
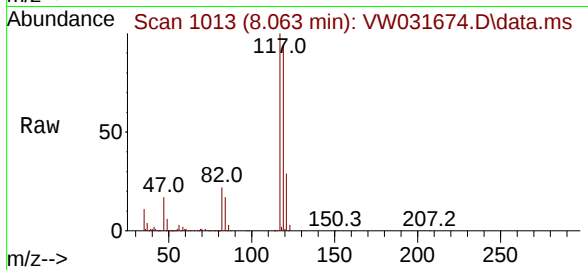




#31  
Carbon tetrachloride  
Concen: 71.093 ug/L  
RT: 8.063 min Scan# 1014  
Delta R.T. -0.006 min  
Lab File: VW031674.D  
Acq: 31 Jan 2025 18:09

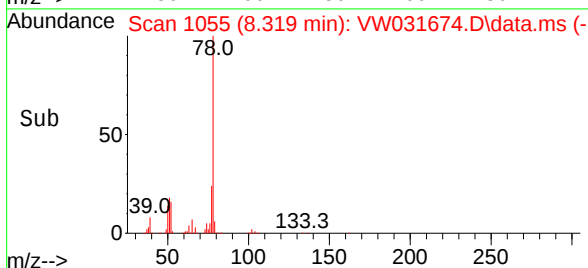
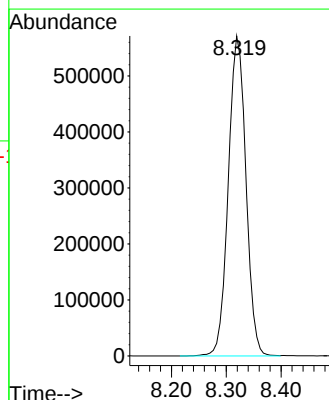
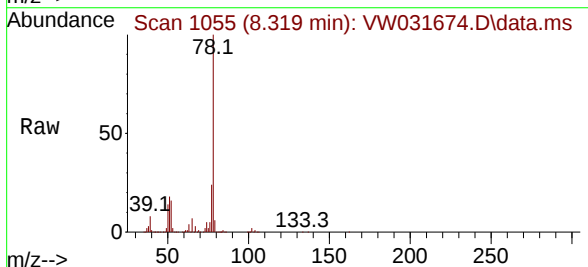
Instrument :  
MSVOA\_W  
ClientSampleId :

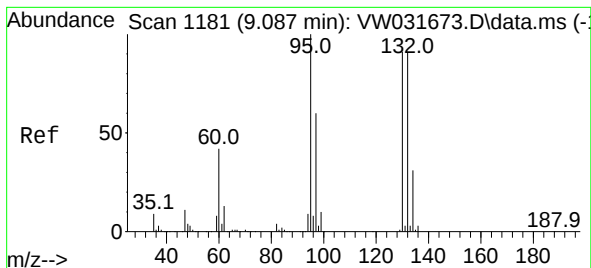
Tgt Ion:117 Resp: 519792  
Ion Ratio Lower Upper  
117 100  
119 95.0 75.7 113.5



#33  
Benzene  
Concen: 59.679 ug/L  
RT: 8.319 min Scan# 1055  
Delta R.T. 0.000 min  
Lab File: VW031674.D  
Acq: 31 Jan 2025 18:09

Tgt Ion: 78 Resp: 1277139





#34

Trichloroethene

Concen: 67.493 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

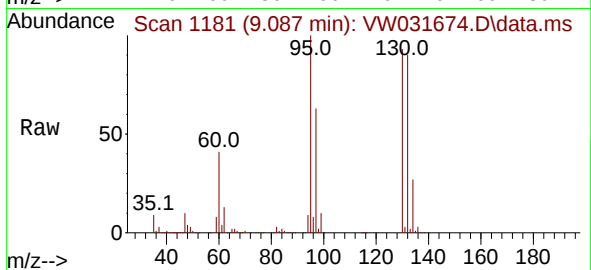
Lab File: VW031674.D

Acq: 31 Jan 2025 18:09

Instrument :

MSVOA\_W

ClientSampleId :



Tgt Ion: 95 Resp: 395015

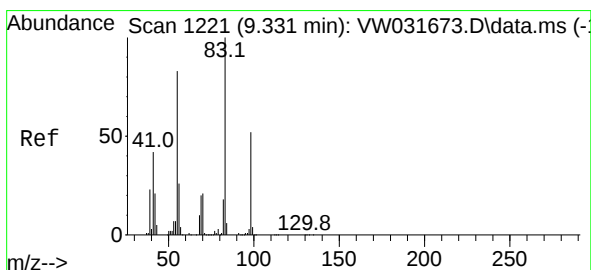
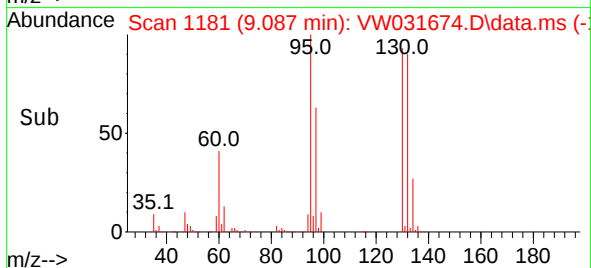
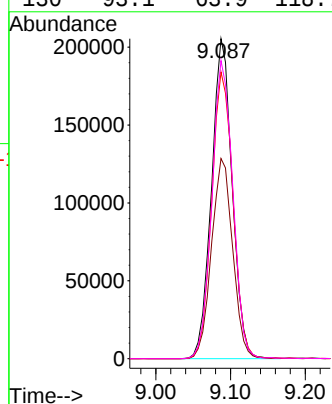
Ion Ratio Lower Upper

95 100

97 62.6 41.9 77.7

132 89.6 63.3 117.7

130 93.1 63.9 118.7



#35

Methylcyclohexane

Concen: 78.549 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW031674.D

Acq: 31 Jan 2025 18:09

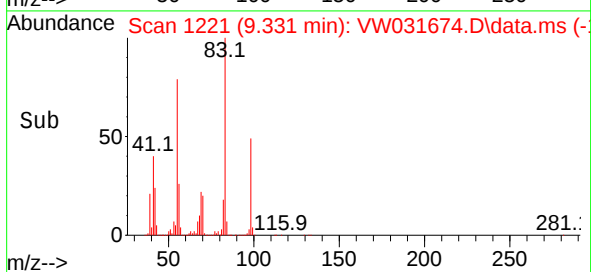
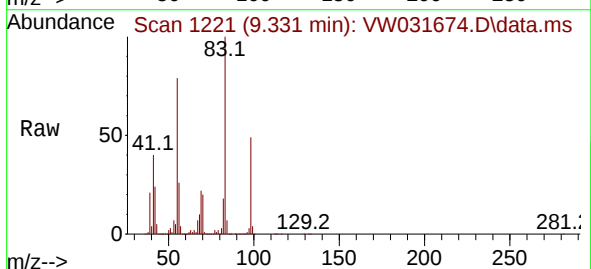
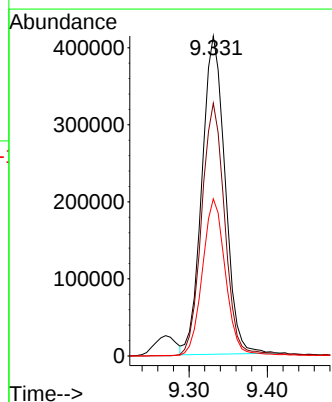
Tgt Ion: 83 Resp: 847970

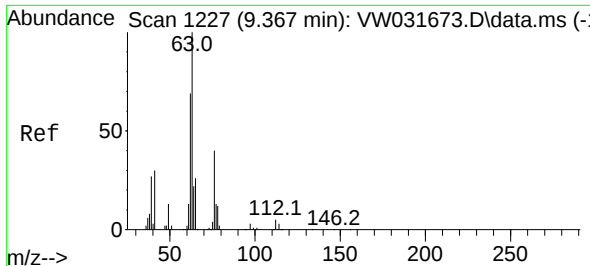
Ion Ratio Lower Upper

83 100

55 79.7 61.5 92.3

98 49.3 38.2 57.2





#37

1,2-Dichloropropane

Concen: 47.014 ug/L

RT: 9.361 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VW031674.D

Acq: 31 Jan 2025 18:09

Instrument :

MSVOA\_W

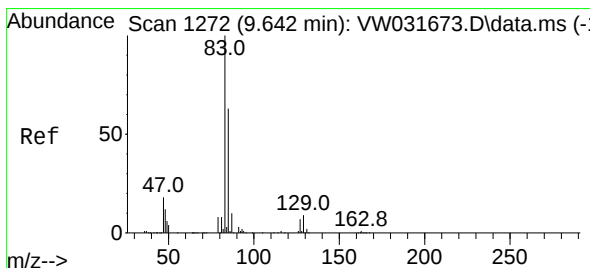
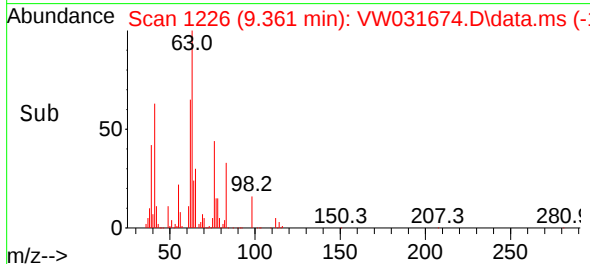
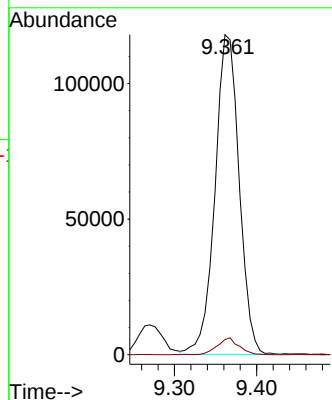
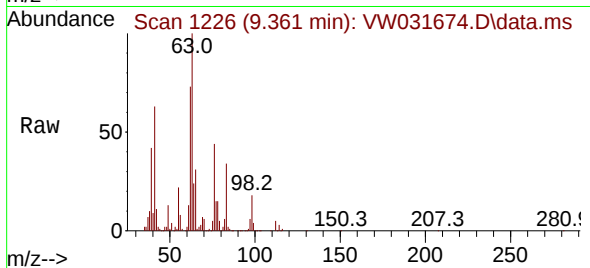
ClientSampleId :

Tgt Ion: 63 Resp: 240974

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.6



#38

Bromodichloromethane

Concen: 43.440 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031674.D

Acq: 31 Jan 2025 18:09

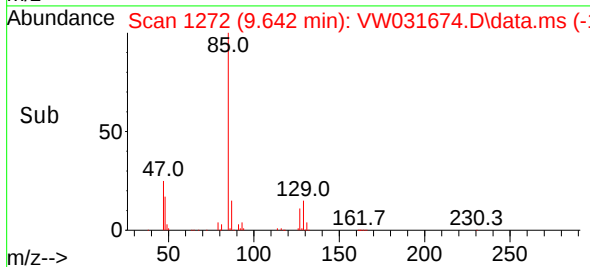
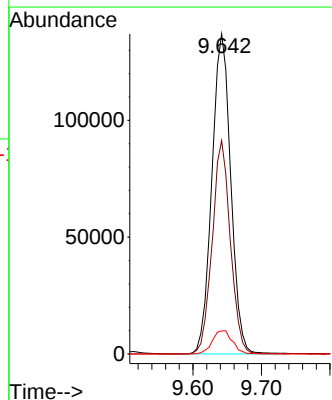
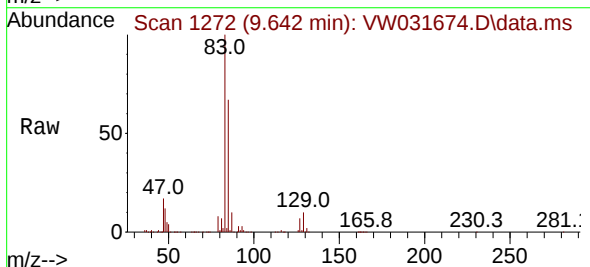
Tgt Ion: 83 Resp: 262268

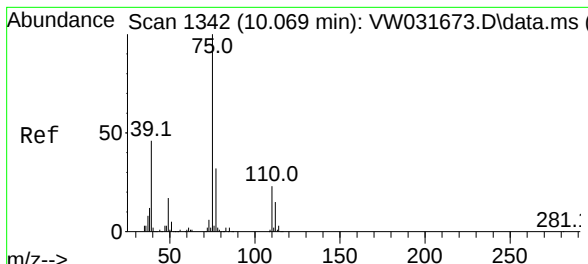
Ion Ratio Lower Upper

83 100

85 66.6 44.2 82.0

127 7.2 5.5 8.3



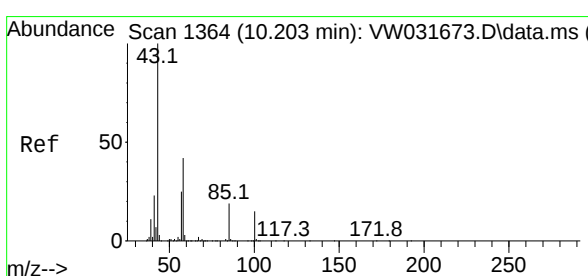
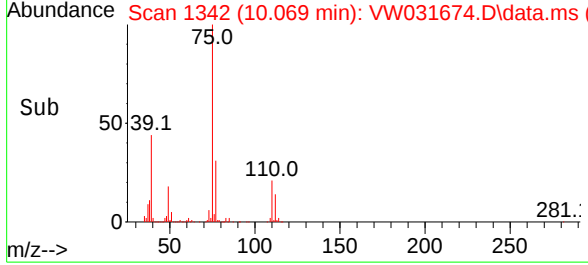
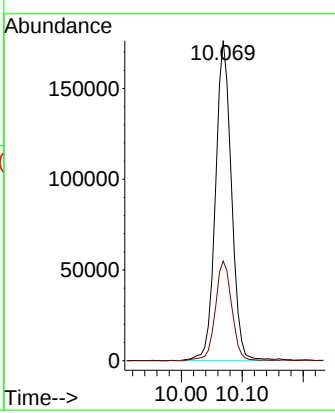
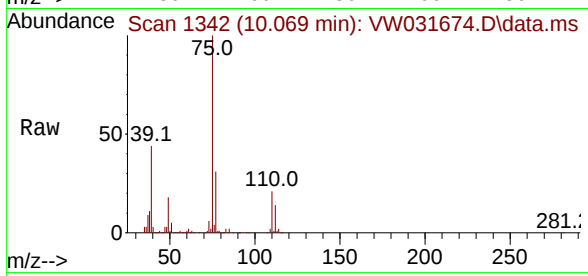


#39  
 cis-1,3-Dichloropropene  
 Concen: 41.719 ug/L  
 RT: 10.069 min Scan# 1342  
 Delta R.T. 0.000 min  
 Lab File: VW031674.D  
 Acq: 31 Jan 2025 18:09

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Tgt Ion: 75 Resp: 322079

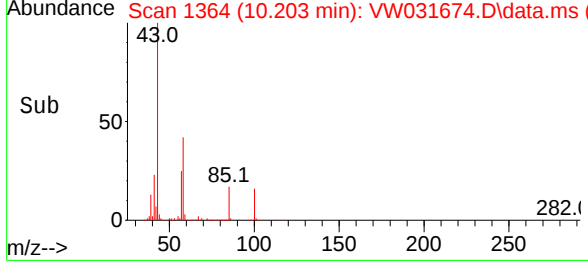
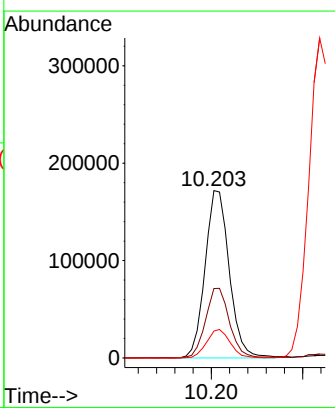
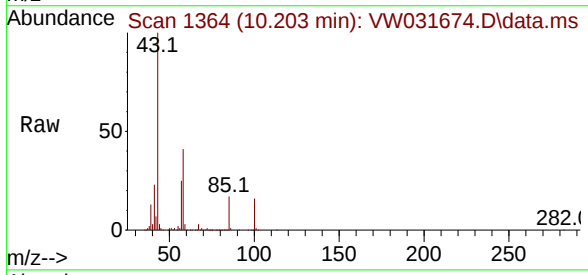
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 31.1  | 22.5  | 41.9  |

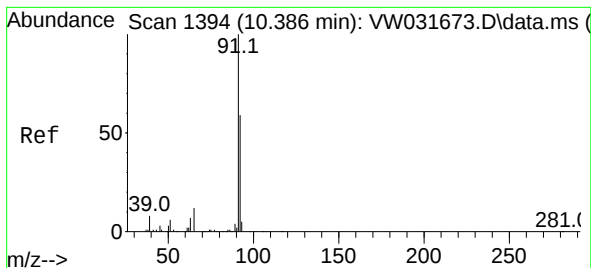


#40  
 4-Methyl-2-pentanone  
 Concen: 117.652 ug/L  
 RT: 10.203 min Scan# 1364  
 Delta R.T. 0.000 min  
 Lab File: VW031674.D  
 Acq: 31 Jan 2025 18:09

Tgt Ion: 43 Resp: 316156

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 41.3  | 33.5  | 50.3  |
| 100 | 16.5  | 12.9  | 19.3  |





#42

Toluene

Concen: 61.475 ug/L

RT: 10.386 min Scan# 1429

Delta R.T. 0.000 min

Lab File: VW031674.D

Acq: 31 Jan 2025 18:09

Instrument :

MSVOA\_W

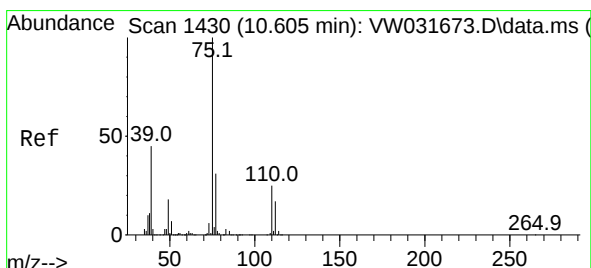
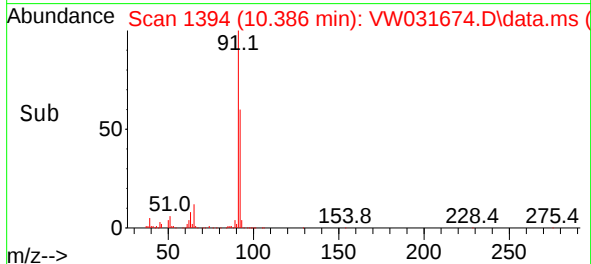
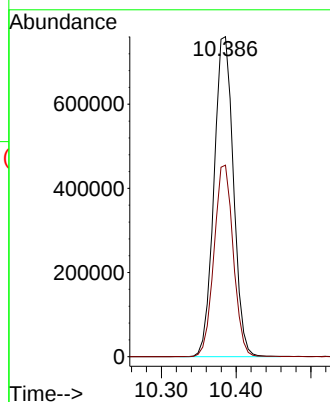
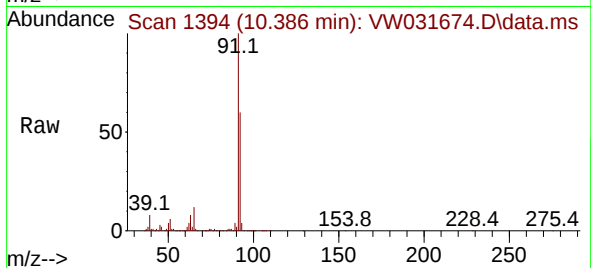
ClientSampleId :

Tgt Ion: 91 Resp: 1372844

Ion Ratio Lower Upper

91 100

92 59.9 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 37.351 ug/L

RT: 10.599 min Scan# 1429

Delta R.T. -0.006 min

Lab File: VW031674.D

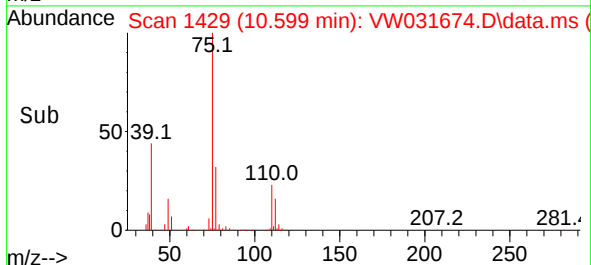
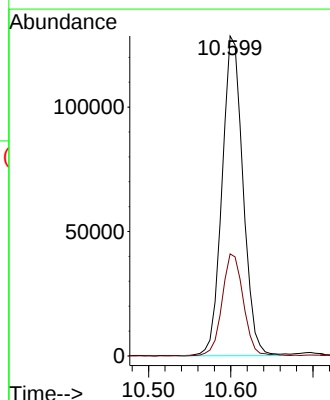
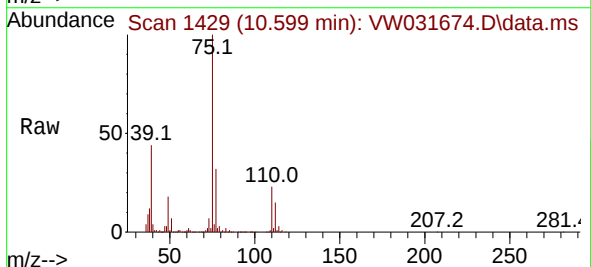
Acq: 31 Jan 2025 18:09

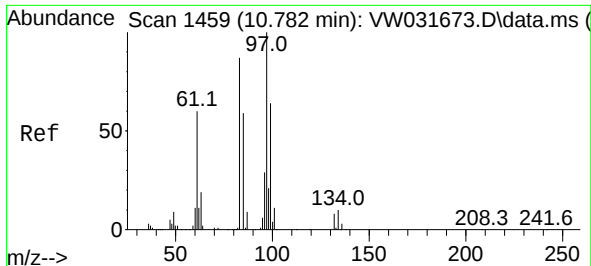
Tgt Ion: 75 Resp: 227673

Ion Ratio Lower Upper

75 100

77 31.9 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 43.774 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW031674.D

Acq: 31 Jan 2025 18:09

Instrument :

MSVOA\_W

ClientSampleId :

Tgt Ion: 97 Resp: 141045

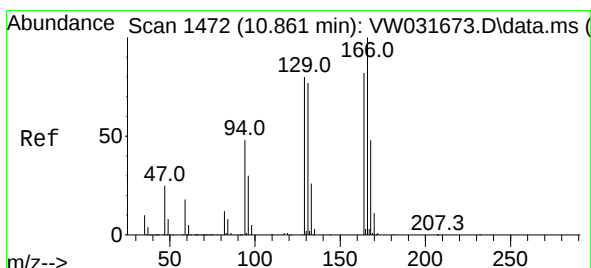
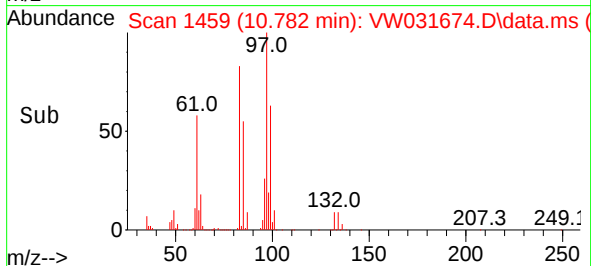
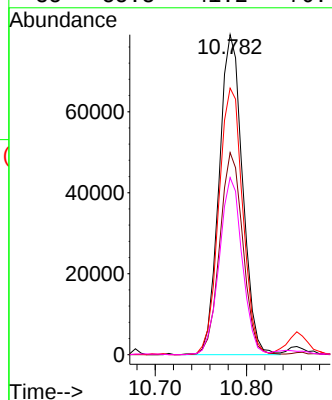
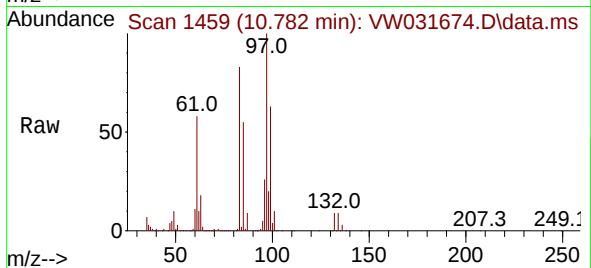
Ion Ratio Lower Upper

97 100

99 63.2 44.9 83.5

83 83.3 60.7 112.7

85 55.3 41.2 76.4



#46

Tetrachloroethene

Concen: 68.132 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW031674.D

Acq: 31 Jan 2025 18:09

Tgt Ion:164 Resp: 291071

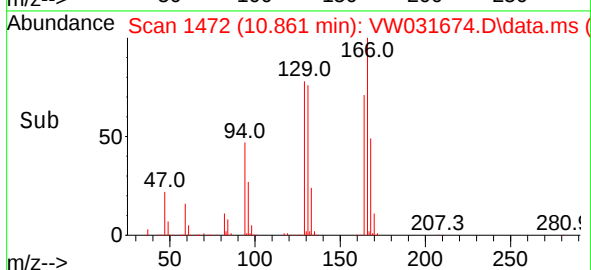
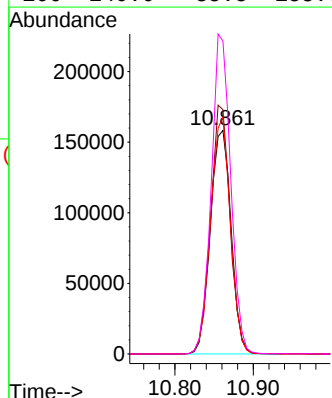
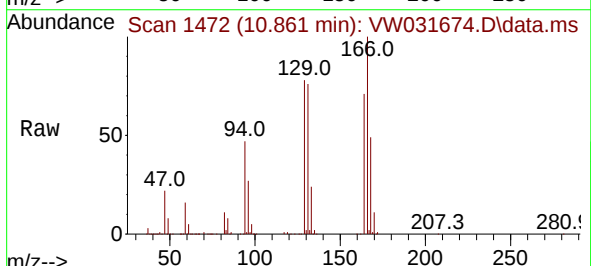
Ion Ratio Lower Upper

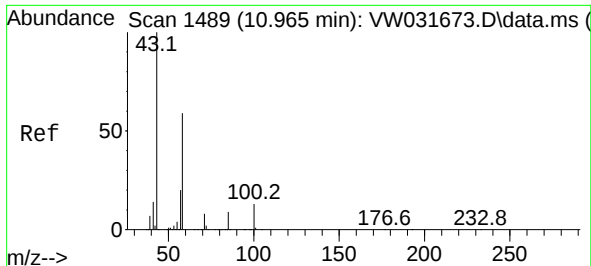
164 100

129 109.3 68.5 127.3

131 106.0 65.9 122.5

166 140.0 85.5 158.7

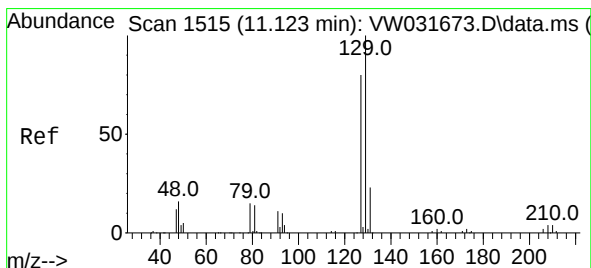
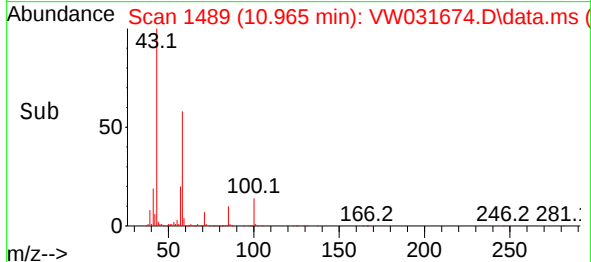
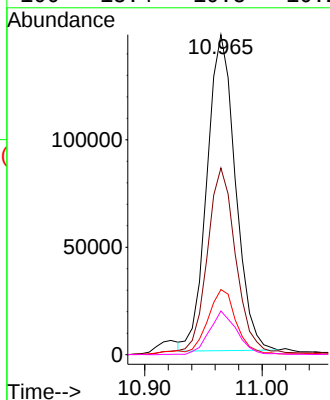
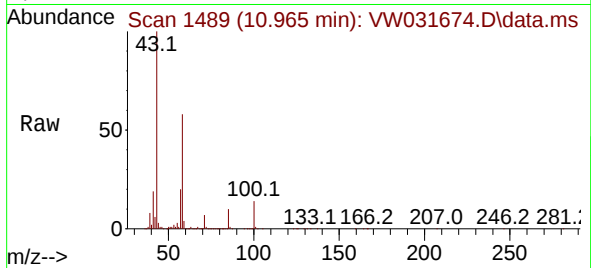




#48  
2-Hexanone  
Concen: 143.628 ug/L  
RT: 10.965 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VW031674.D  
Acq: 31 Jan 2025 18:09

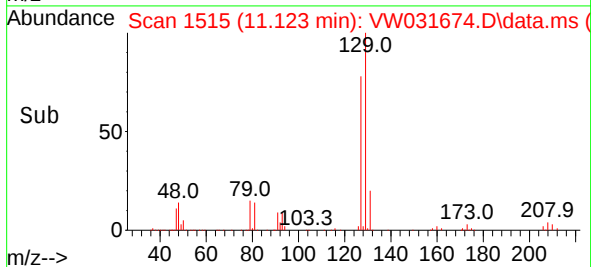
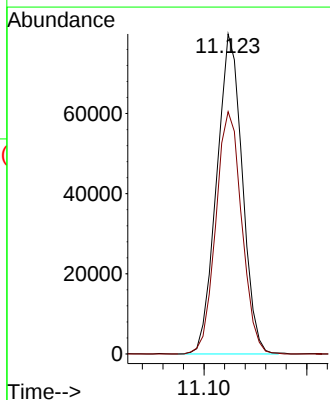
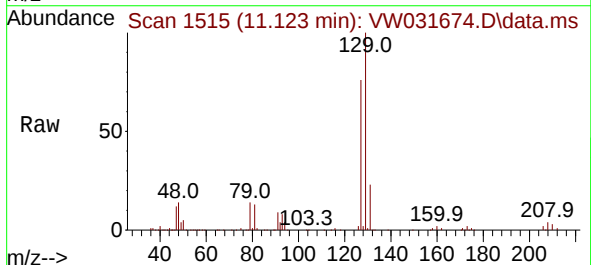
Instrument :  
MSVOA\_W  
ClientSampleId :

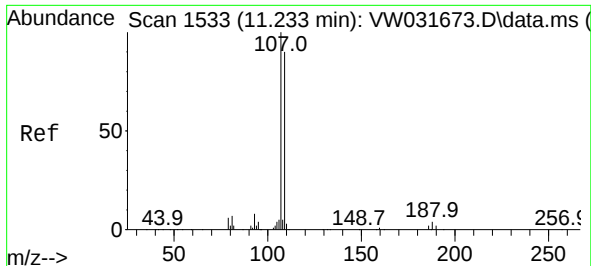
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 247610 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 61.1  | 46.0  | 69.0   |
| 57       | 20.6  | 16.4  | 24.6   |
| 100      | 13.4  | 10.8  | 16.2   |



#49  
Dibromochloromethane  
Concen: 40.165 ug/L  
RT: 11.123 min Scan# 1515  
Delta R.T. 0.000 min  
Lab File: VW031674.D  
Acq: 31 Jan 2025 18:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 129   | Resp: | 138237 |
| Ion      | Ratio | Lower | Upper  |
| 129      | 100   |       |        |
| 127      | 75.7  | 56.4  | 104.7  |





#50

1,2-Dibromoethane

Concen: 44.356 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

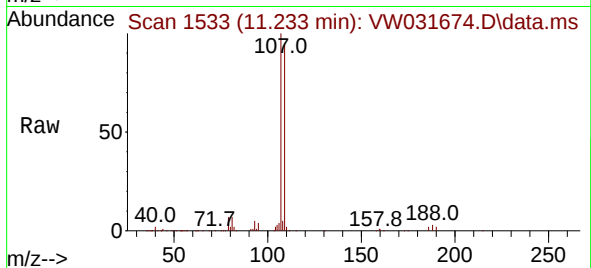
Lab File: VW031674.D

Acq: 31 Jan 2025 18:09

Instrument :

MSVOA\_W

ClientSampleId :



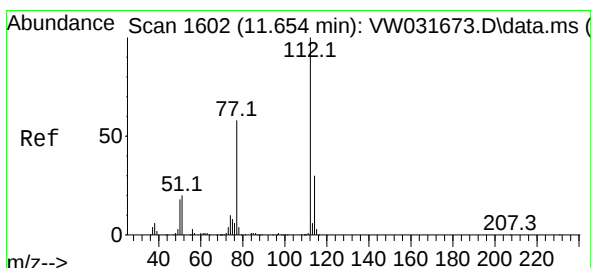
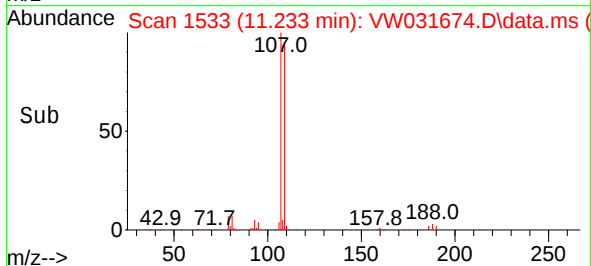
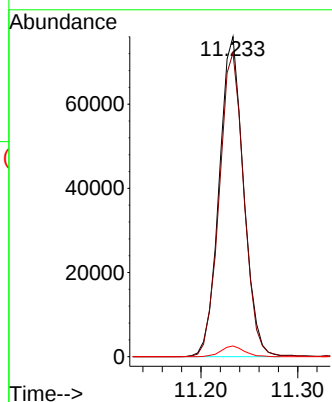
Tgt Ion:107 Resp: 132798

Ion Ratio Lower Upper

107 100

109 95.0 62.9 116.7

188 3.4 3.0 4.4



#51

Chlorobenzene

Concen: 52.665 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW031674.D

Acq: 31 Jan 2025 18:09

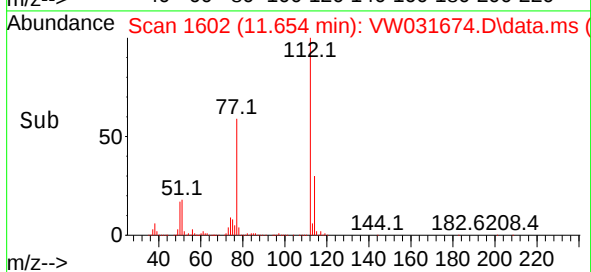
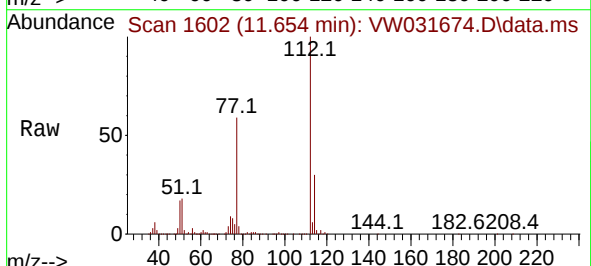
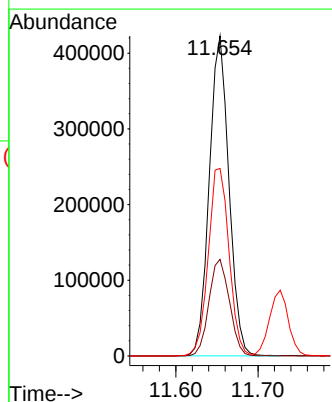
Tgt Ion:112 Resp: 702184

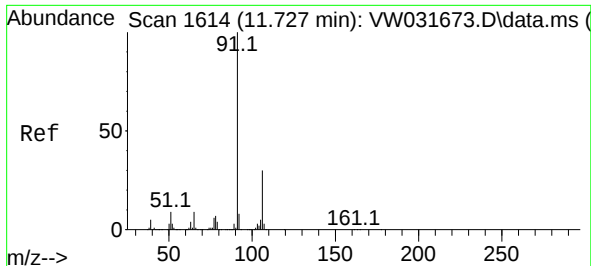
Ion Ratio Lower Upper

112 100

114 30.2 21.1 39.3

77 58.6 46.6 69.8





#52

Ethylbenzene

Concen: 64.159 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031674.D

Acq: 31 Jan 2025 18:09

Instrument :

MSVOA\_W

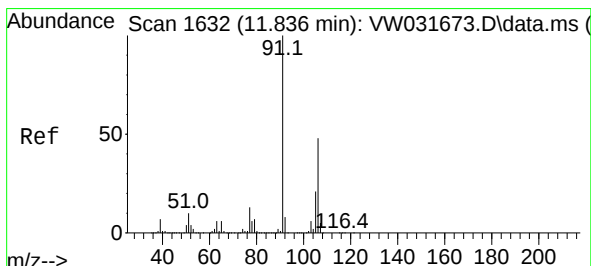
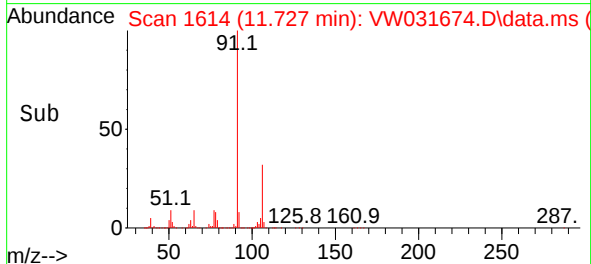
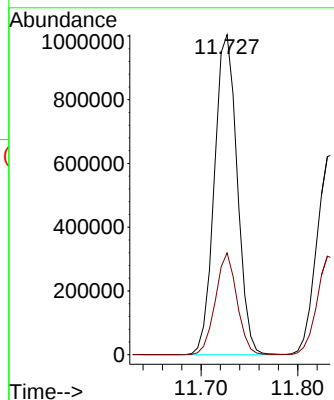
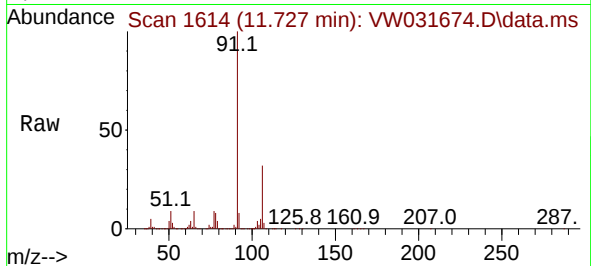
ClientSampleId :

Tgt Ion: 91 Resp: 1641968

Ion Ratio Lower Upper

91 100

106 31.8 21.3 39.5



#53

m,p-Xylene

Concen: 62.179 ug/L

RT: 11.831 min Scan# 1631

Delta R.T. -0.006 min

Lab File: VW031674.D

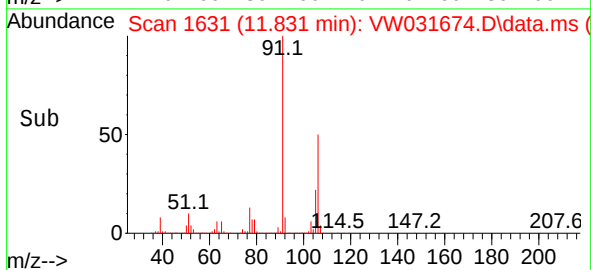
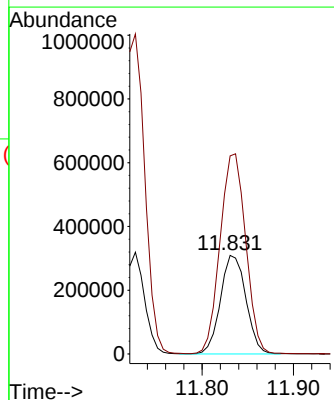
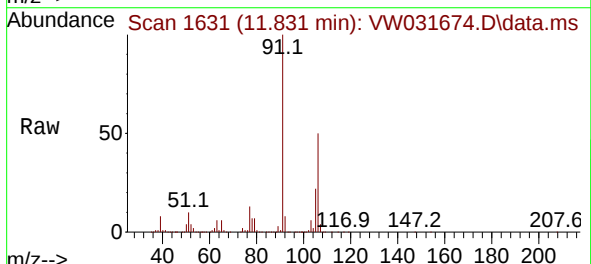
Acq: 31 Jan 2025 18:09

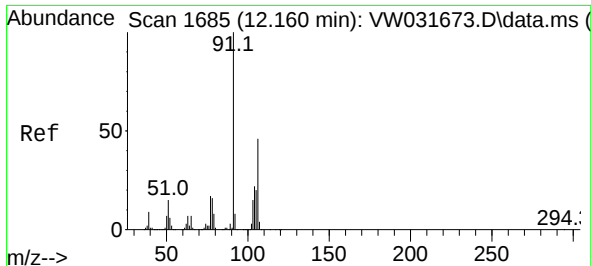
Tgt Ion:106 Resp: 599605

Ion Ratio Lower Upper

106 100

91 200.9 147.2 273.4

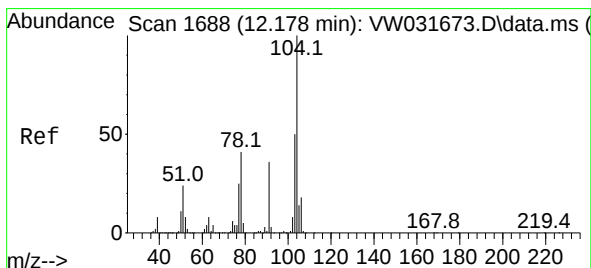
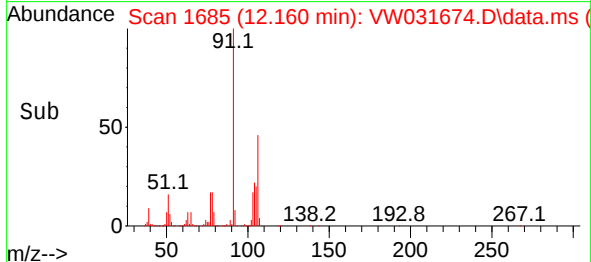
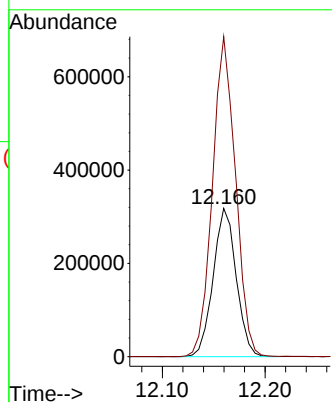
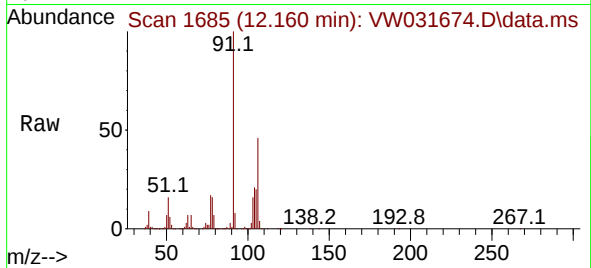




#54  
o-Xylene  
Concen: 55.764 ug/L  
RT: 12.160 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VW031674.D  
Acq: 31 Jan 2025 18:09

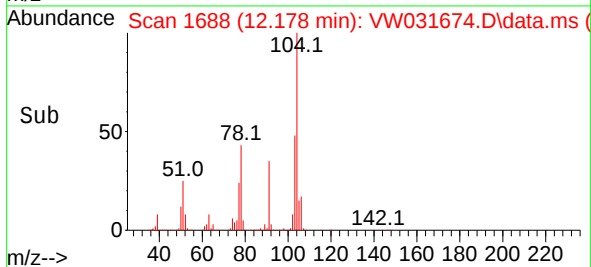
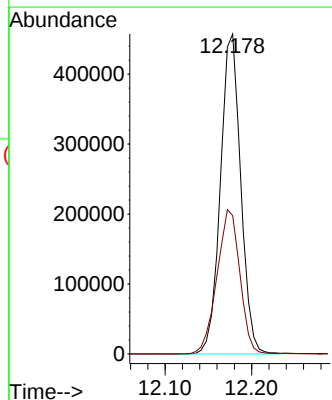
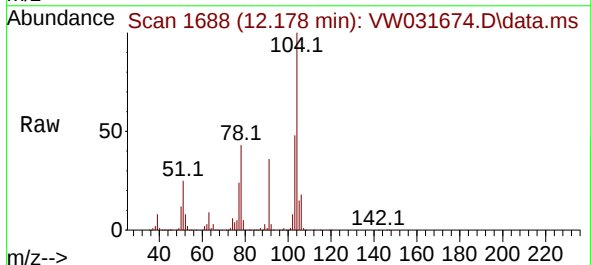
Instrument :  
MSVOA\_W  
ClientSampleId :

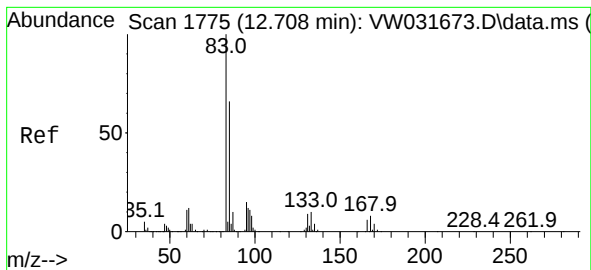
Tgt Ion:106 Resp: 494021  
Ion Ratio Lower Upper  
106 100  
91 215.8 152.7 283.7



#55  
Styrene  
Concen: 51.566 ug/L  
RT: 12.178 min Scan# 1688  
Delta R.T. 0.000 min  
Lab File: VW031674.D  
Acq: 31 Jan 2025 18:09

Tgt Ion:104 Resp: 745428  
Ion Ratio Lower Upper  
104 100  
78 43.3 29.0 53.9

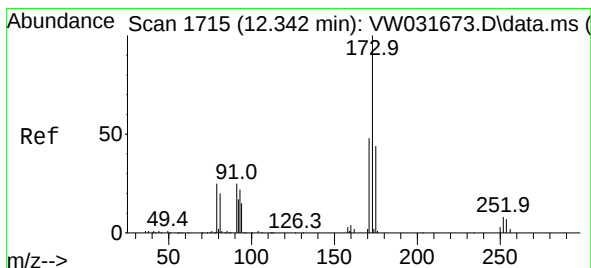
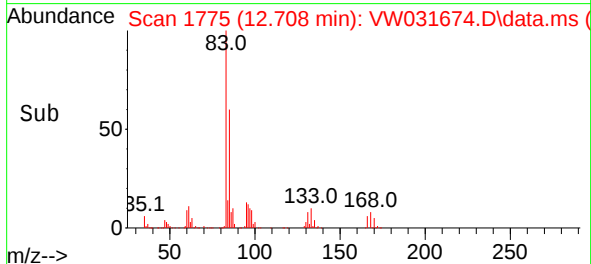
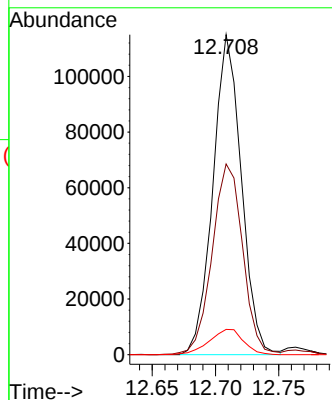
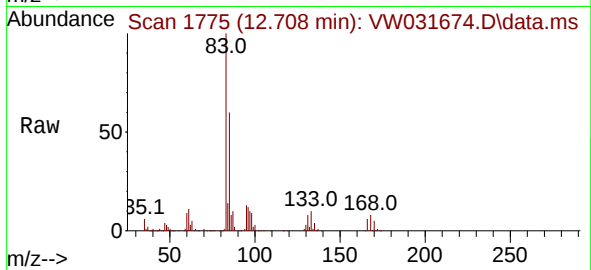




#57  
1,1,2,2-Tetrachloroethane  
Concen: 49.393 ug/L  
RT: 12.708 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VW031674.D  
Acq: 31 Jan 2025 18:09

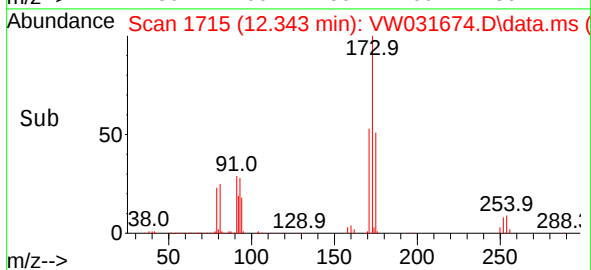
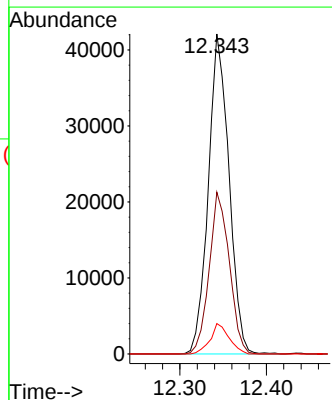
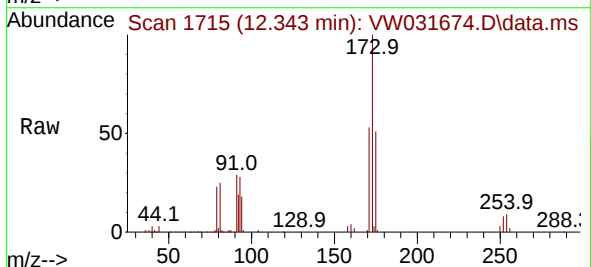
Instrument :  
MSVOA\_W  
ClientSampleId :

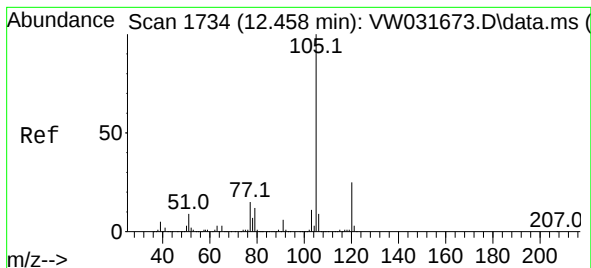
Tgt Ion: 83 Resp: 179693  
Ion Ratio Lower Upper  
83 100  
85 59.6 46.3 86.1  
131 7.9 7.1 10.7



#59  
Bromoform  
Concen: 40.972 ug/L  
RT: 12.343 min Scan# 1715  
Delta R.T. 0.000 min  
Lab File: VW031674.D  
Acq: 31 Jan 2025 18:09

Tgt Ion:173 Resp: 69844  
Ion Ratio Lower Upper  
173 100  
175 49.1 37.3 55.9  
254 8.7 6.9 10.3





#60

Isopropylbenzene

Concen: 70.389 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031674.D

Acq: 31 Jan 2025 18:09

Instrument :

MSVOA\_W

ClientSampleId :

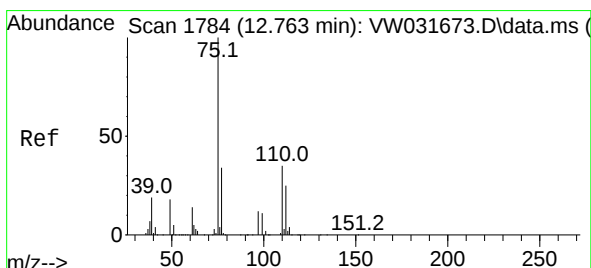
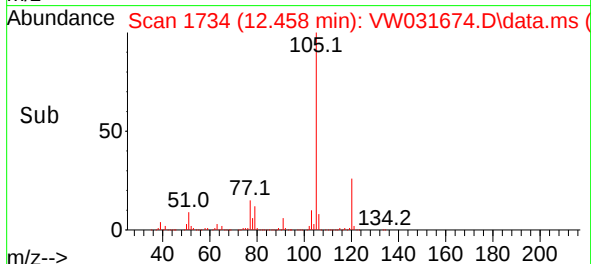
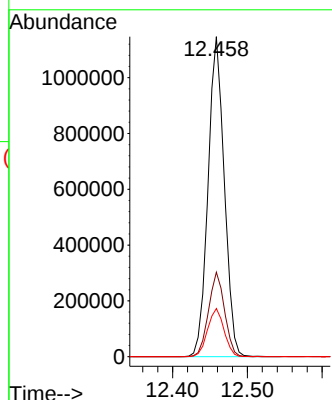
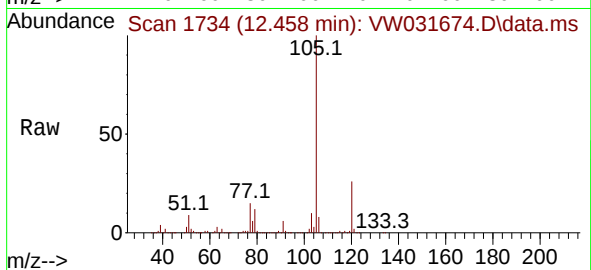
Tgt Ion:105 Resp: 1728490

Ion Ratio Lower Upper

105 100

120 26.1 20.7 31.1

77 15.3 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 54.242 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW031674.D

Acq: 31 Jan 2025 18:09

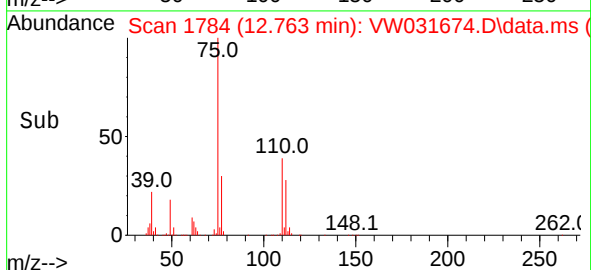
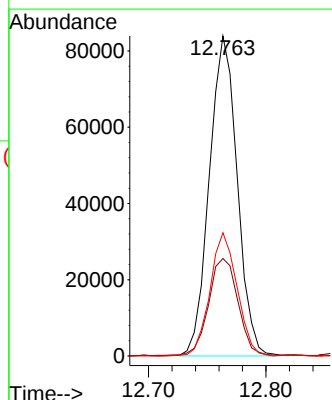
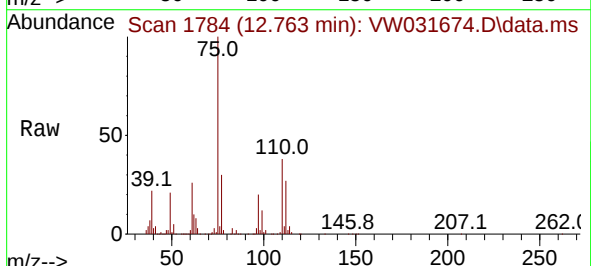
Tgt Ion: 75 Resp: 138444

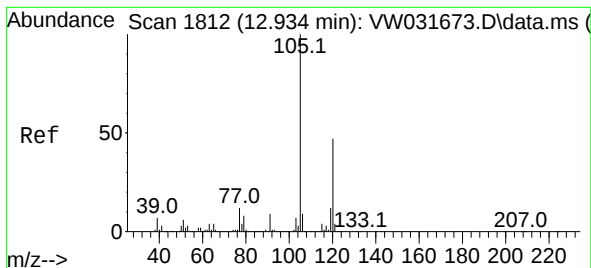
Ion Ratio Lower Upper

75 100

77 32.2 27.4 41.2

110 37.4 29.8 44.8

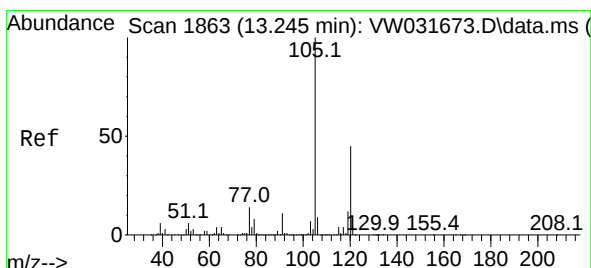
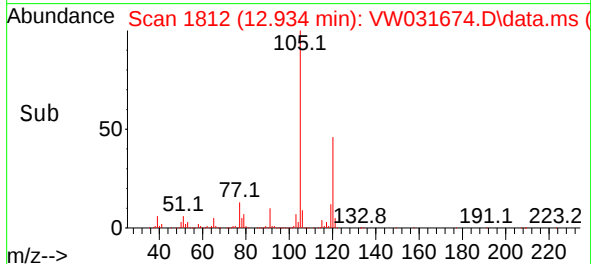
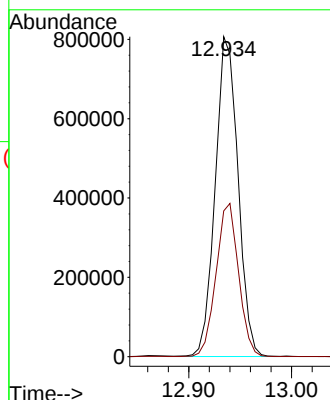
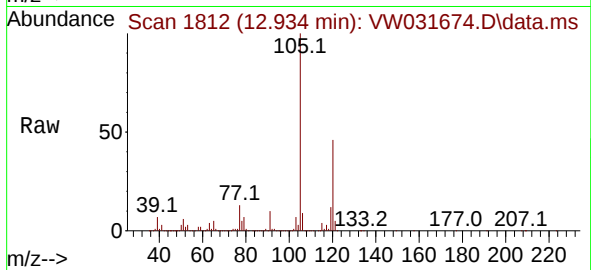




#62  
1,3,5-Trimethylbenzene  
Concen: 62.517 ug/L  
RT: 12.934 min Scan# 1812  
Delta R.T. 0.000 min  
Lab File: VW031674.D  
Acq: 31 Jan 2025 18:09

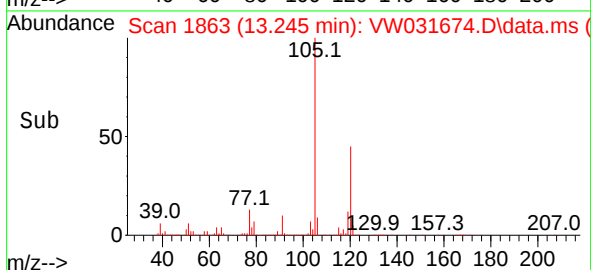
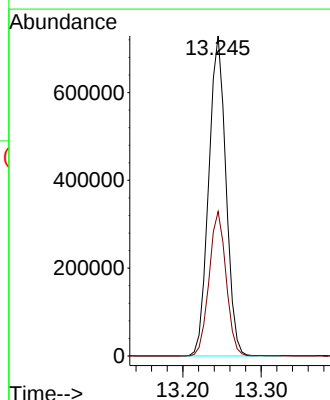
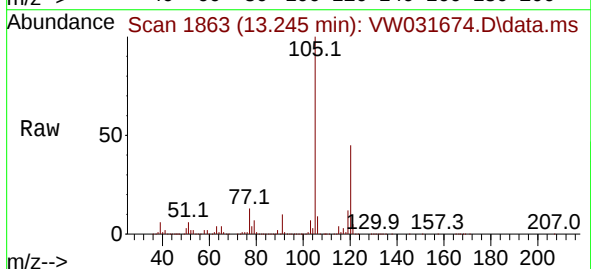
Instrument :  
MSVOA\_W  
ClientSampleId :

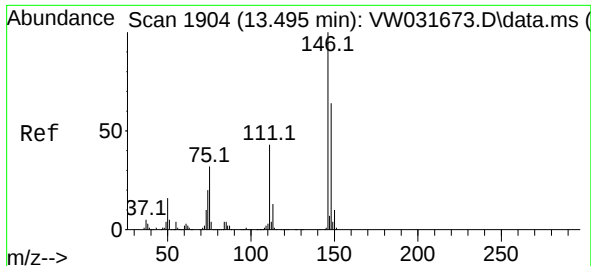
Tgt Ion:105 Resp: 1238617  
Ion Ratio Lower Upper  
105 100  
120 47.5 38.6 57.8



#63  
1,2,4-Trimethylbenzene  
Concen: 58.828 ug/L  
RT: 13.245 min Scan# 1863  
Delta R.T. 0.000 min  
Lab File: VW031674.D  
Acq: 31 Jan 2025 18:09

Tgt Ion:105 Resp: 1111149  
Ion Ratio Lower Upper  
105 100  
120 44.3 35.1 52.7





#64

1,3-Dichlorobenzene

Concen: 51.133 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031674.D

Acq: 31 Jan 2025 18:09

Instrument :

MSVOA\_W

ClientSampleId :

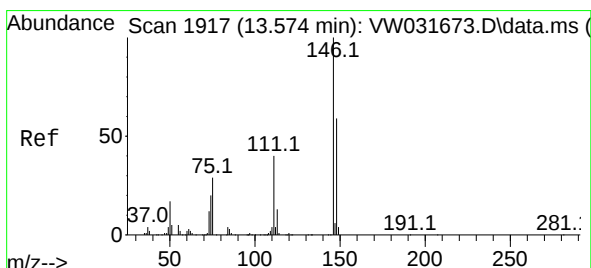
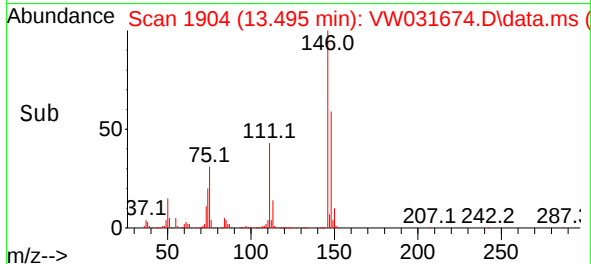
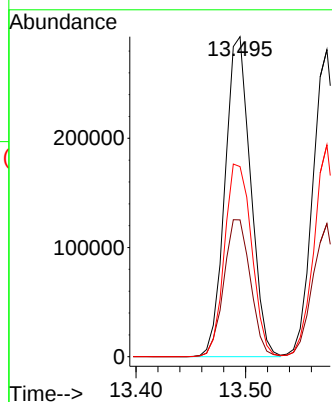
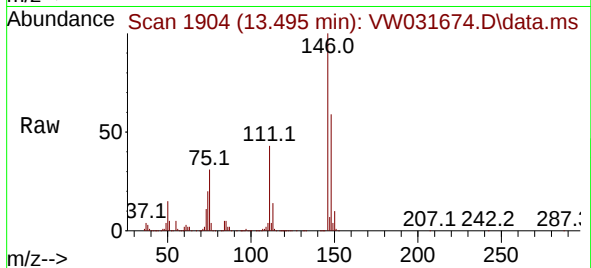
Tgt Ion:146 Resp: 474918

Ion Ratio Lower Upper

146 100

111 42.8 30.2 56.2

148 59.4 44.9 83.5



#65

1,4-Dichlorobenzene

Concen: 49.124 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031674.D

Acq: 31 Jan 2025 18:09

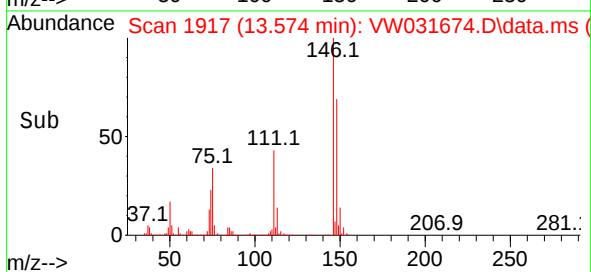
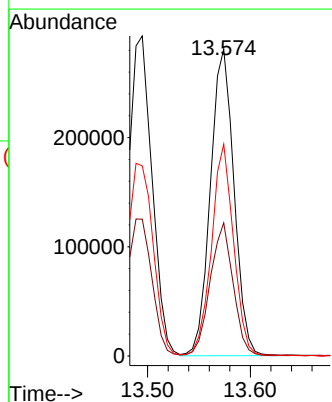
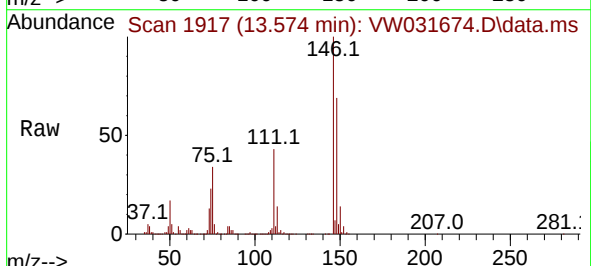
Tgt Ion:146 Resp: 447964

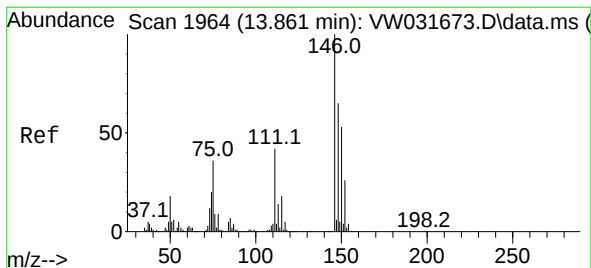
Ion Ratio Lower Upper

146 100

111 43.3 28.1 52.3

148 69.0 41.4 77.0





#67

1,2-Dichlorobenzene

Concen: 47.708 ug/L

RT: 13.861 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VW031674.D

Acq: 31 Jan 2025 18:09

Instrument :

MSVOA\_W

ClientSampleId :

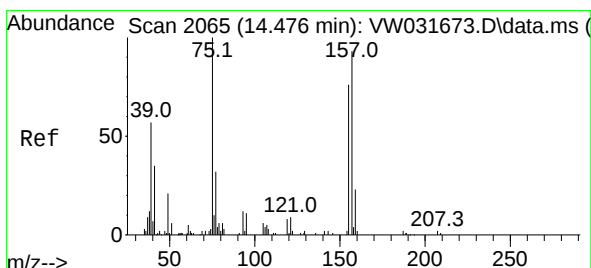
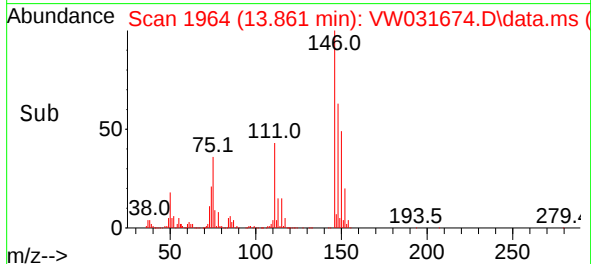
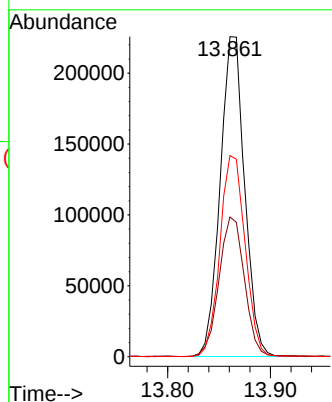
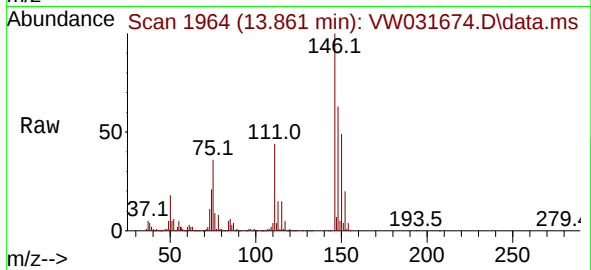
Tgt Ion:146 Resp: 372921

Ion Ratio Lower Upper

146 100

111 43.7 33.4 50.0

148 62.8 51.6 77.4



#68

1,2-Dibromo-3-chloropropane

Concen: 64.521 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031674.D

Acq: 31 Jan 2025 18:09

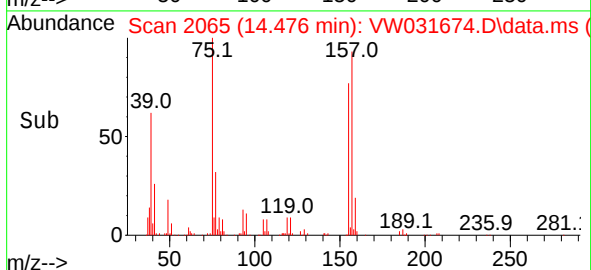
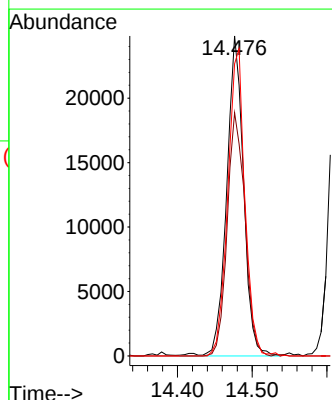
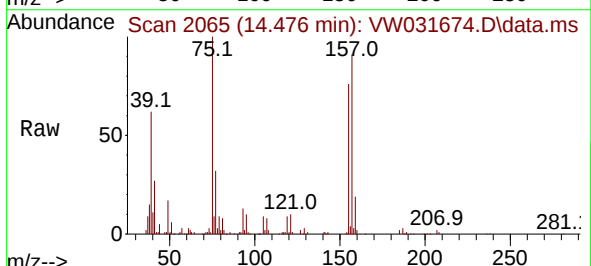
Tgt Ion: 75 Resp: 39010

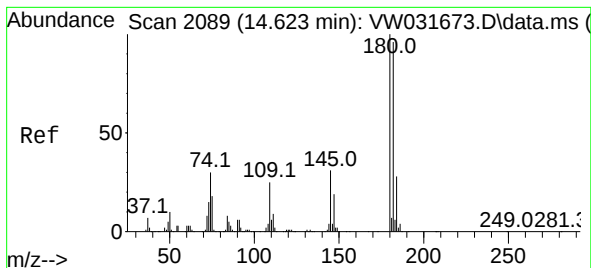
Ion Ratio Lower Upper

75 100

155 76.0 60.6 91.0

157 91.3 74.1 111.1





#69

1,3,5-Trichlorobenzene

Concen: 53.597 ug/L

RT: 14.617 min Scan# 2088

Delta R.T. -0.006 min

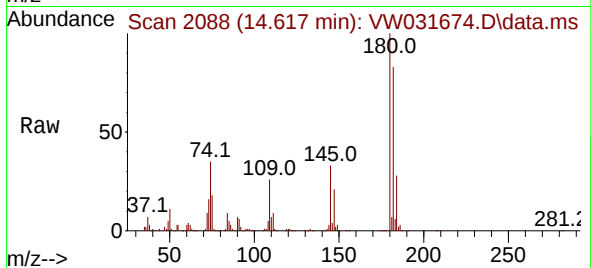
Lab File: VW031674.D

Acq: 31 Jan 2025 18:09

Instrument :

MSVOA\_W

ClientSampleId :



Tgt Ion:180 Resp: 335583

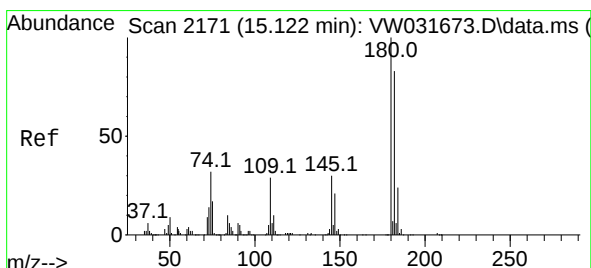
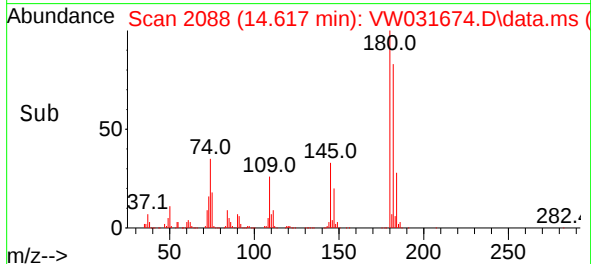
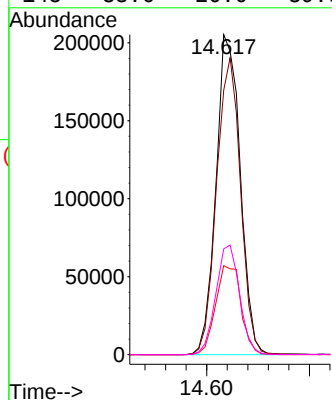
Ion Ratio Lower Upper

180 100

182 91.8 75.1 112.7

184 29.2 23.7 35.5

145 33.6 26.0 39.0



#70

1,2,4-trichlorobenzene

Concen: 49.860 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW031674.D

Acq: 31 Jan 2025 18:09

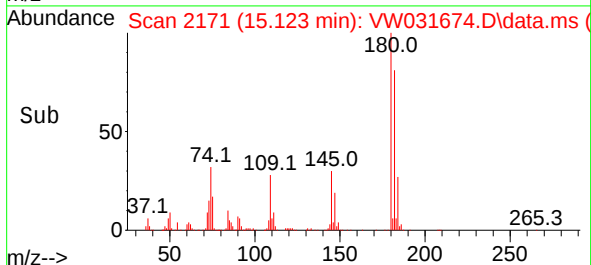
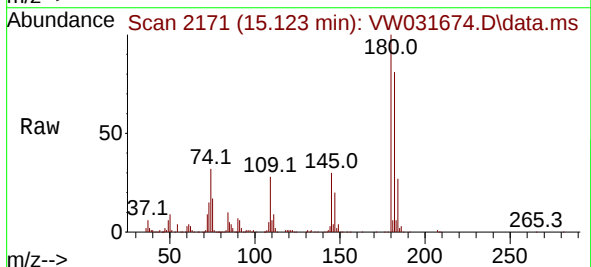
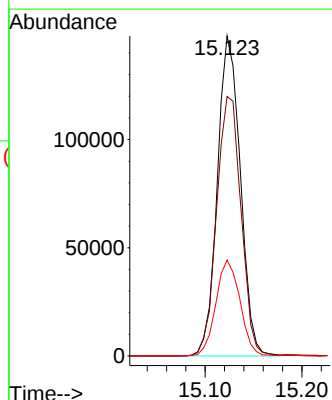
Tgt Ion:180 Resp: 243901

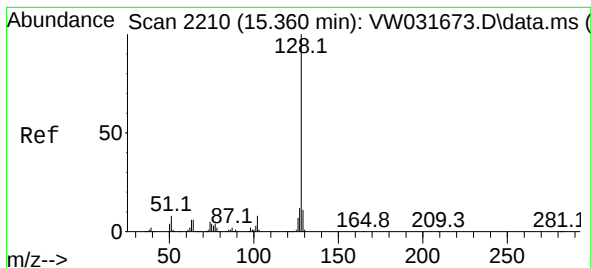
Ion Ratio Lower Upper

180 100

182 86.0 73.0 109.4

145 31.4 26.7 40.1





#71

Naphthalene

Concen: 51.916 ug/L

RT: 15.354 min Scan# 2210

Delta R.T. -0.006 min

Lab File: VW031674.D

Acq: 31 Jan 2025 18:09

Instrument :

MSVOA\_W

ClientSampleId :

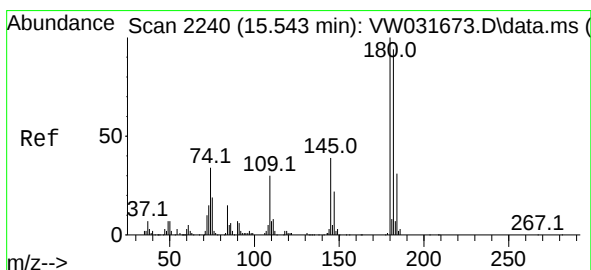
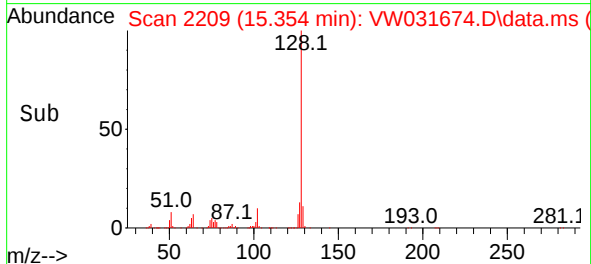
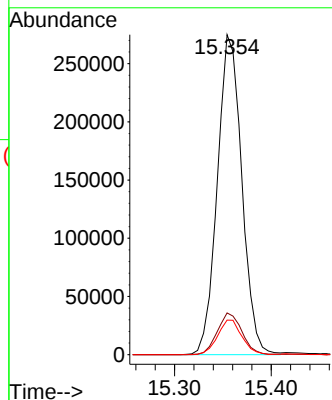
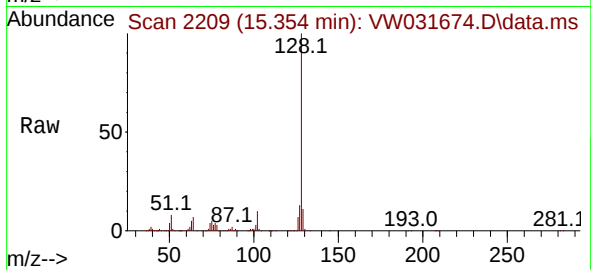
Tgt Ion:128 Resp: 482654

Ion Ratio Lower Upper

128 100

127 13.2 9.9 14.9

129 10.8 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 45.266 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. 0.000 min

Lab File: VW031674.D

Acq: 31 Jan 2025 18:09

Tgt Ion:180 Resp: 187479

Ion Ratio Lower Upper

180 100

182 98.5 78.2 117.4

145 35.9 30.2 45.4

