

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW102324\  
 Data File : VW030736.D  
 Acq On : 23 Oct 2024 20:04  
 Operator : SY/MD  
 Sample : VSTDCCC025EC  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Oct 24 01:41:22 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100924SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Oct 24 01:34:36 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 279551   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 255418   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 130609   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.369  | 65    | 56545    | 12.868   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 51.480%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 54613    | 16.419   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 65.680%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 25108    | 13.738   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 54.960%  |
| 21) 2-Butanone-d5             | 7.081  | 46    | 38274    | 48.401   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 96.800%  |
| 24) Chloroform-d              | 7.648  | 84    | 153657   | 19.220   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 76.880%  |
| 26) 1,2-Dichloroethane-d4     | 8.306  | 65    | 79345    | 19.086   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 76.360%  |
| 32) Benzene-d6                | 8.276  | 84    | 259926   | 17.534   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 70.120%  |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 84247    | 19.362   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 77.440%  |
| 41) Toluene-d8                | 10.318 | 98    | 237771   | 17.570   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 70.280%  |
| 43) trans-1,3-Dichloroprop... | 10.574 | 79    | 33203    | 18.224   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 72.880%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 28757    | 51.313   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 102.620% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 75424    | 23.604   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 94.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 83408    | 18.874   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 75.480%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 2.015  | 85    | 70949    | 19.865   | ug/L   | 98       |
| 3) Chloromethane              | 2.222  | 50    | 90564    | 21.817   | ug/L   | 98       |
| 5) Vinyl chloride             | 2.375  | 62    | 110916   | 21.727   | ug/L   | 97       |
| 6) Bromomethane               | 2.789  | 94    | 78559    | 23.380   | ug/L   | 100      |
| 8) Chloroethane               | 2.942  | 64    | 75309    | 24.132   | ug/L   | 97       |
| 9) Trichlorofluoromethane     | 3.265  | 101   | 99247    | 21.728   | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.076  | 101   | 84898    | 20.658   | ug/L   | 93       |
| 12) 1,1-Dichloroethene        | 4.045  | 96    | 81284    | 21.672   | ug/L   | 89       |
| 13) Acetone                   | 4.118  | 43    | 39108    | 33.780   | ug/L   | 96       |
| 14) Carbon disulfide          | 4.393  | 76    | 240876   | 19.667   | ug/L   | 98       |
| 15) Methyl Acetate            | 4.673  | 43    | 39961    | 27.943   | ug/L   | 99       |
| 16) Methylene chloride        | 4.917  | 84    | 97699    | 23.117   | ug/L   | 99       |
| 17) trans-1,2-Dichloroethene  | 5.429  | 96    | 97121    | 23.998   | ug/L   | 97       |
| 18) Methyl tert-butyl Ether   | 5.429  | 73    | 157997   | 27.894   | ug/L   | 99       |
| 19) 1,1-Dichloroethane        | 6.221  | 63    | 193081   | 25.669   | ug/L   | 97       |
| 20) cis-1,2-Dichloroethene    | 7.173  | 96    | 110227   | 25.535   | ug/L   | 98       |
| 22) 2-Butanone                | 7.166  | 43    | 51721    | 41.445   | ug/L   | 99       |
| 23) Bromochloromethane        | 7.514  | 128   | 47442    | 25.122   | ug/L   | 86       |
| 25) Chloroform                | 7.679  | 83    | 207186   | 25.775   | ug/L   | 97       |

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 Quant Title : SFAM01.0  
 QLast Update : Thu Oct 24 01:34:36 2024  
 Response via : Initial Calibration

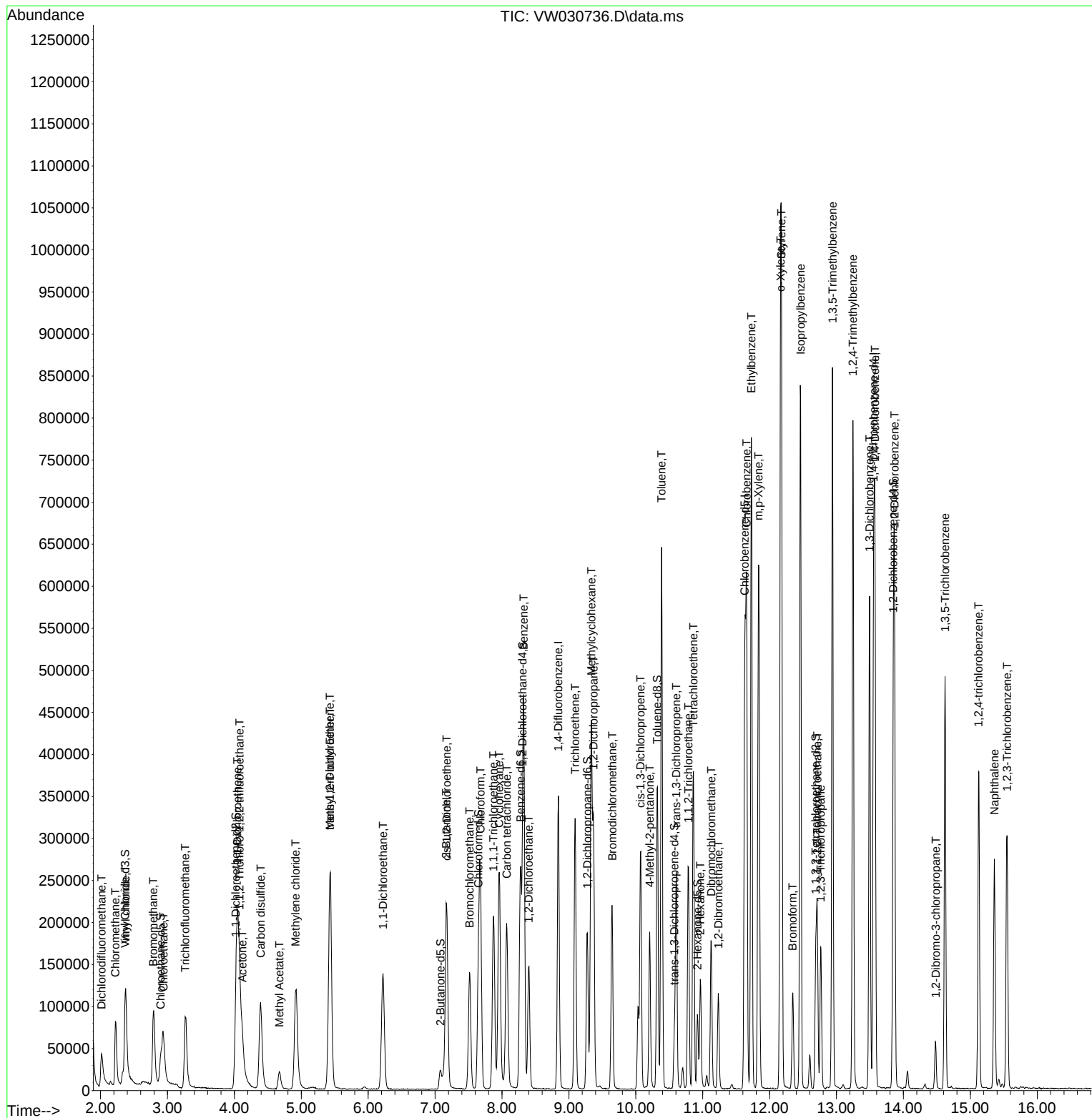
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 27) 1,2-Dichloroethane        | 8.398  | 62   | 134367   | 25.338 | ug/L   | 99       |
| 29) Cyclohexane               | 7.959  | 56   | 144098   | 23.176 | ug/L   | 97       |
| 30) 1,1,1-Trichloroethane     | 7.874  | 97   | 163019   | 24.043 | ug/L   | 99       |
| 31) Carbon tetrachloride      | 8.069  | 117  | 141994   | 23.447 | ug/L   | 99       |
| 33) Benzene                   | 8.325  | 78   | 418900   | 25.202 | ug/L   | 100      |
| 34) Trichloroethene           | 9.093  | 95   | 108929   | 23.556 | ug/L   | 99       |
| 35) Methylcyclohexane         | 9.337  | 83   | 166481   | 22.876 | ug/L   | 99       |
| 37) 1,2-Dichloropropane       | 9.367  | 63   | 109311   | 26.332 | ug/L   | 100      |
| 38) Bromodichloromethane      | 9.648  | 83   | 147571   | 26.719 | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 10.068 | 75   | 160678   | 25.661 | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 10.209 | 43   | 117819   | 59.078 | ug/L   | 99       |
| 42) Toluene                   | 10.385 | 91   | 457538   | 25.802 | ug/L   | 97       |
| 44) trans-1,3-Dichloropropene | 10.605 | 75   | 134821   | 25.623 | ug/L   | 98       |
| 45) 1,1,2-Trichloroethane     | 10.788 | 97   | 80068    | 26.687 | ug/L   | 96       |
| 46) Tetrachloroethene         | 10.861 | 164  | 79945    | 23.440 | ug/L   | 91       |
| 48) 2-Hexanone                | 10.965 | 43   | 80726    | 49.498 | ug/L   | 98       |
| 49) Dibromochloromethane      | 11.129 | 129  | 89049    | 26.600 | ug/L   | 99       |
| 50) 1,2-Dibromoethane         | 11.233 | 107  | 74069    | 26.457 | ug/L   | 94       |
| 51) Chlorobenzene             | 11.653 | 112  | 287192   | 25.159 | ug/L   | 98       |
| 52) Ethylbenzene              | 11.727 | 91   | 526402   | 26.016 | ug/L   | 99       |
| 53) m,p-Xylene                | 11.836 | 106  | 194712   | 25.686 | ug/L   | 100      |
| 54) o-Xylene                  | 12.166 | 106  | 187037   | 26.688 | ug/L   | 93       |
| 55) Styrene                   | 12.178 | 104  | 323073   | 26.966 | ug/L   | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 12.714 | 83   | 93524    | 27.642 | ug/L   | 97       |
| 59) Bromoform                 | 12.342 | 173  | 48965    | 26.684 | ug/L   | 98       |
| 60) Isopropylbenzene          | 12.464 | 105  | 523462   | 25.880 | ug/L   | 100      |
| 61) 1,2,3-Trichloropropane    | 12.763 | 75   | 68089    | 26.791 | ug/L   | 98       |
| 62) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 420378   | 26.344 | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 402362   | 25.753 | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 13.495 | 146  | 225529   | 25.616 | ug/L   | 92       |
| 65) 1,4-Dichlorobenzene       | 13.574 | 146  | 225084   | 24.760 | ug/L   | 99       |
| 67) 1,2-Dichlorobenzene       | 13.866 | 146  | 199269   | 25.721 | ug/L   | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 14.482 | 75   | 14413    | 25.434 | ug/L # | 87       |
| 69) 1,3,5-Trichlorobenzene    | 14.622 | 180  | 134634   | 23.190 | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 15.122 | 180  | 110375   | 23.616 | ug/L   | 97       |
| 71) Naphthalene               | 15.360 | 128  | 218526   | 27.063 | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.549 | 180  | 98875    | 24.403 | ug/L   | 96       |

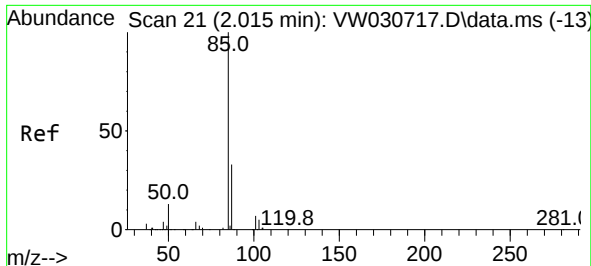
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Quant Title : SFAM01.0  
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Response via : Initial Calibration

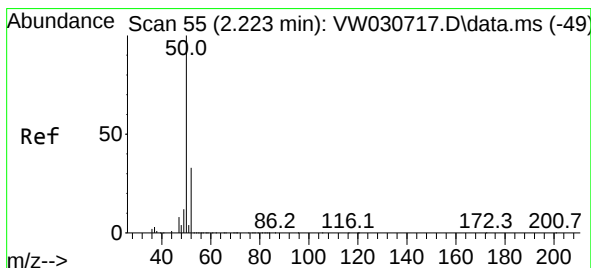
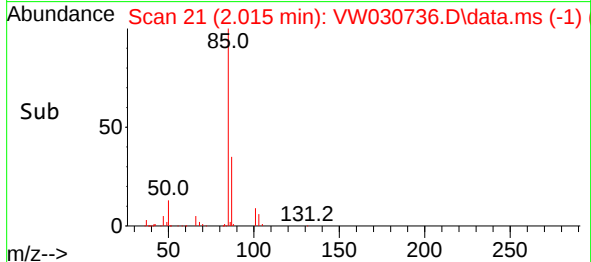
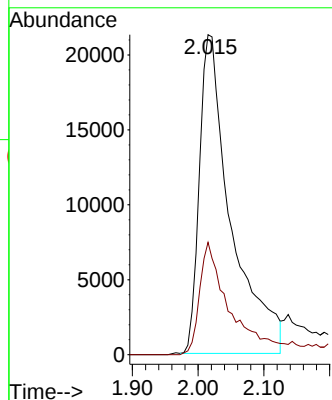
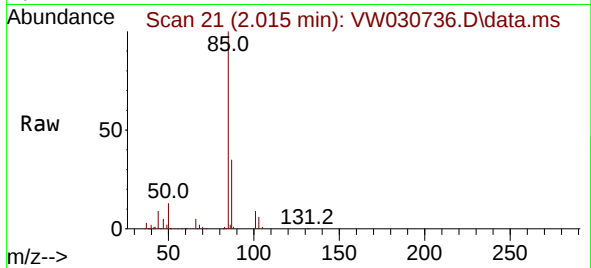




#2  
 Dichlorodifluoromethane  
 Concen: 19.865 ug/L  
 RT: 2.015 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VW030736.D  
 Acq: 23 Oct 2024 20:04

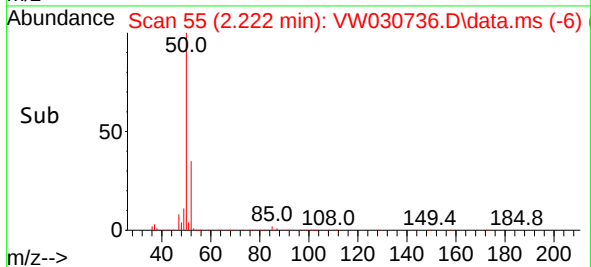
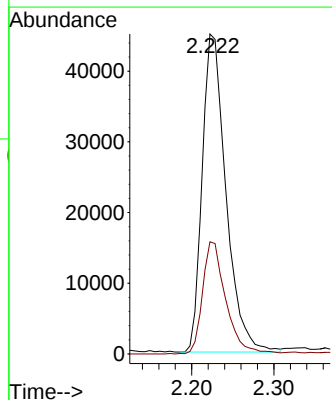
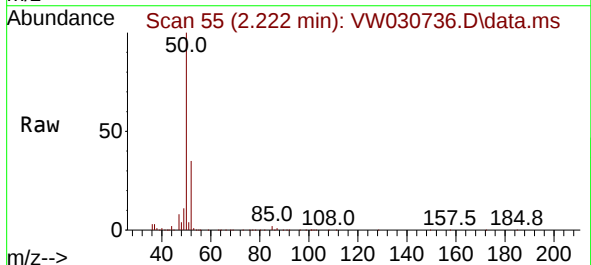
Instrument :  
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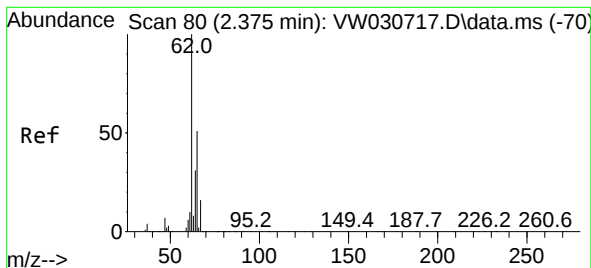
Tgt Ion: 85 Resp: 70949  
 Ion Ratio Lower Upper  
 85 100  
 87 30.9 23.8 35.6



#3  
 Chloromethane  
 Concen: 21.817 ug/L  
 RT: 2.222 min Scan# 55  
 Delta R.T. -0.000 min  
 Lab File: VW030736.D  
 Acq: 23 Oct 2024 20:04

Tgt Ion: 50 Resp: 90564  
 Ion Ratio Lower Upper  
 50 100  
 52 35.0 23.7 43.9





#5

Vinyl chloride

Concen: 21.727 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

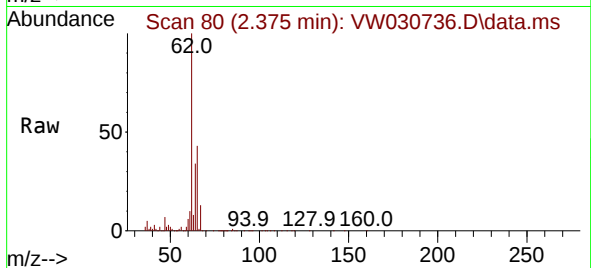
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Acq: 23 Oct 2024 20:04

Instrument :

MSVOA\_W

ClientSampleId :

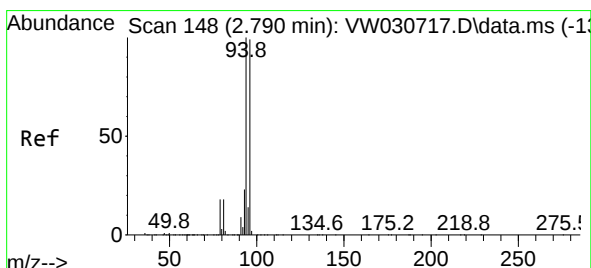
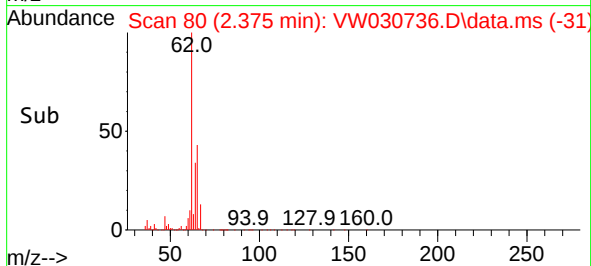
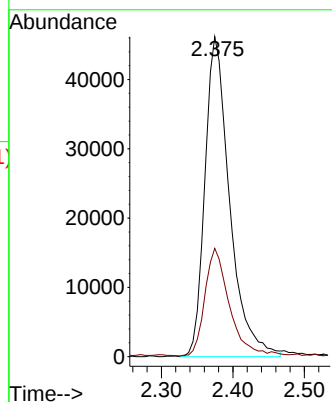


Tgt Ion: 62 Resp: 110916

Ion Ratio Lower Upper

62 100

64 33.9 22.6 42.0



#6

Bromomethane

Concen: 23.380 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.000 min

Lab File: VW030736.D

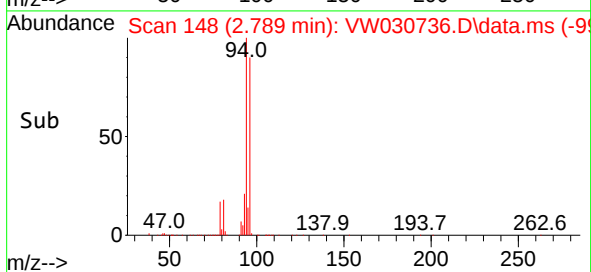
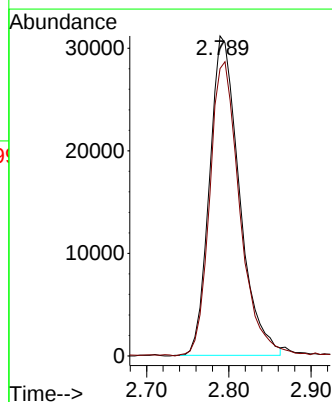
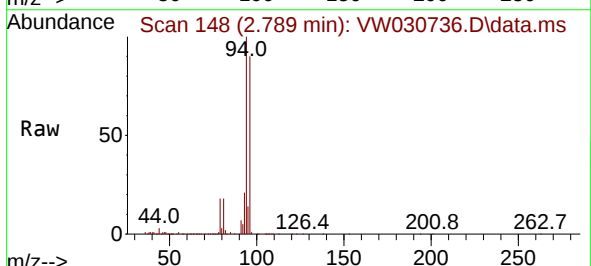
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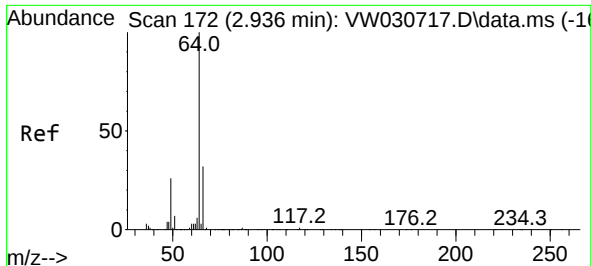
Tgt Ion: 94 Resp: 78559

Ion Ratio Lower Upper

94 100

96 89.8 62.6 116.2

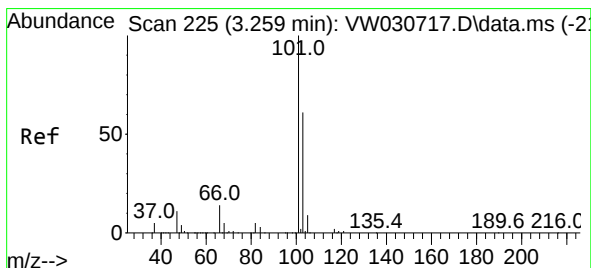
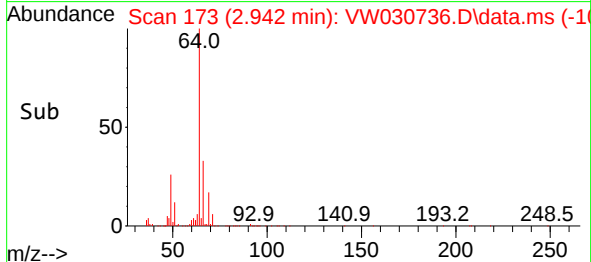
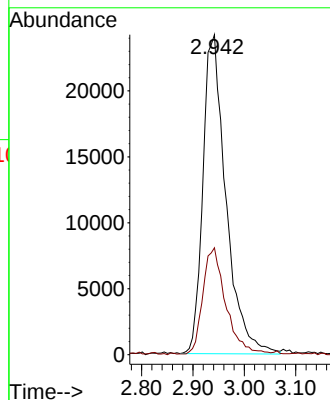
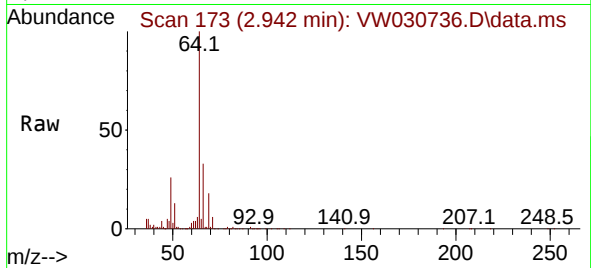




#8  
Chloroethane  
Concen: 24.132 ug/L  
RT: 2.942 min Scan# 173  
Delta R.T. 0.006 min  
Lab File: VW030736.D  
Acq: 23 Oct 2024 20:04

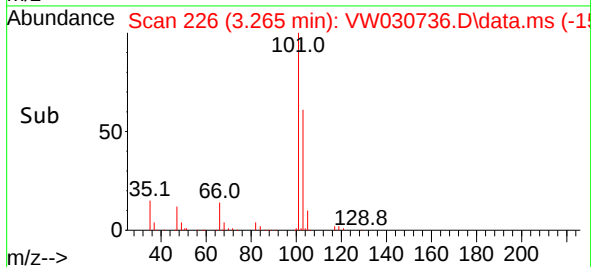
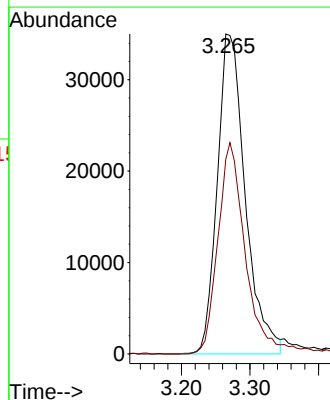
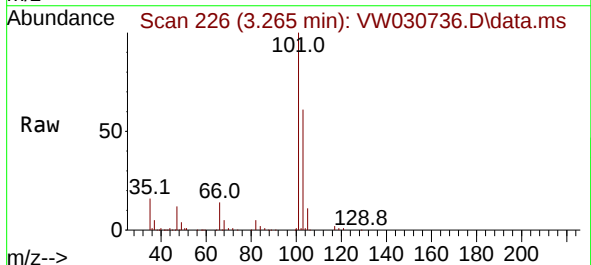
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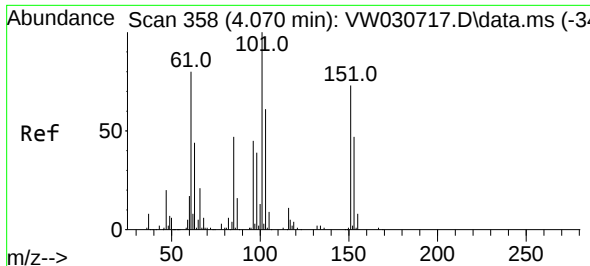
Tgt Ion: 64 Resp: 75309  
Ion Ratio Lower Upper  
64 100  
66 33.4 22.3 41.5



#9  
Trichlorofluoromethane  
Concen: 21.728 ug/L  
RT: 3.265 min Scan# 226  
Delta R.T. 0.006 min  
Lab File: VW030736.D  
Acq: 23 Oct 2024 20:04

Tgt Ion:101 Resp: 99247  
Ion Ratio Lower Upper  
101 100  
103 63.2 51.1 76.7





#10

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

Concen: 20.658 ug/L

RT: 4.076 min Scan# 358

Delta R.T. 0.006 min

Lab File: VW030736.D

Acq: 23 Oct 2024 20:04

Instrument :

MSVOA\_W

ClientSampleId :

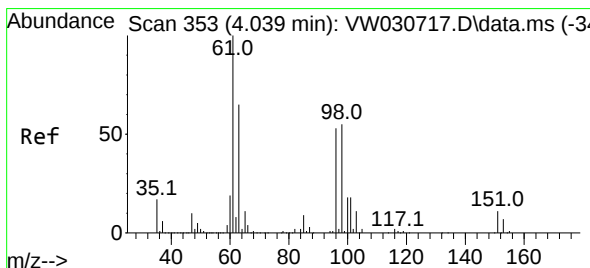
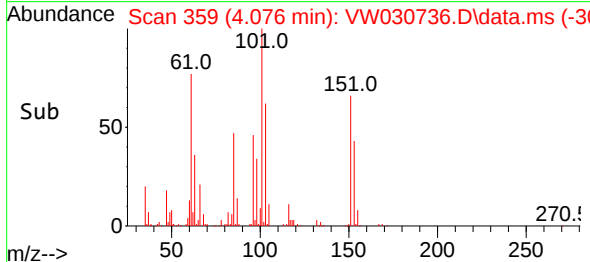
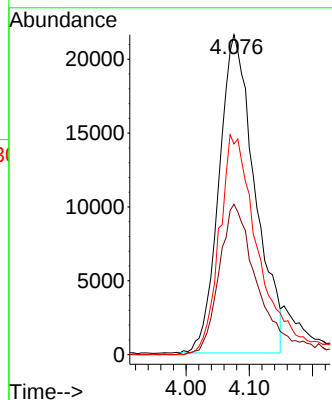
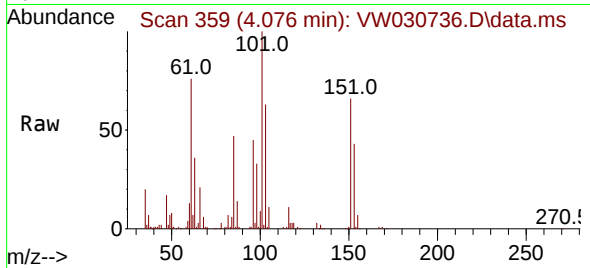
Tgt Ion:101 Resp: 84898

Ion Ratio Lower Upper

101 100

85 51.0 35.7 53.5

151 74.7 56.1 84.1



#12

1,1-Dichloroethene

Concen: 21.672 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.006 min

Lab File: VW030736.D

Acq: 23 Oct 2024 20:04

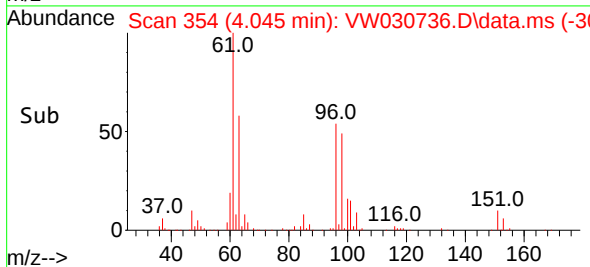
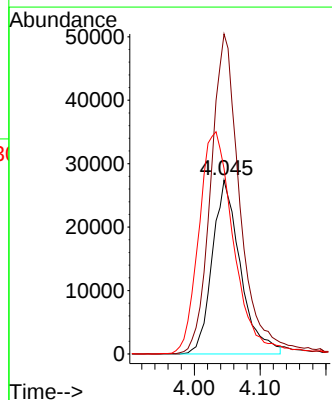
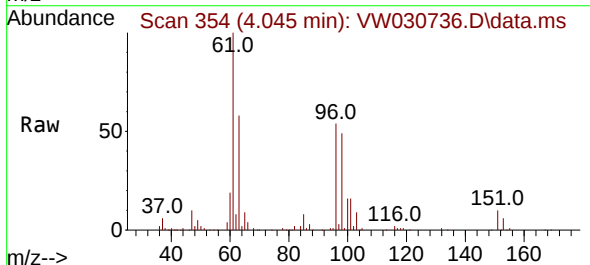
Tgt Ion: 96 Resp: 81284

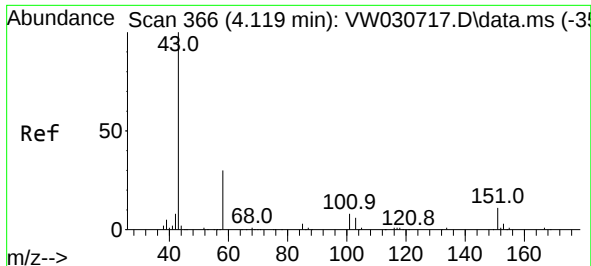
Ion Ratio Lower Upper

96 100

61 184.2 121.3 225.3

63 106.8 87.6 162.8

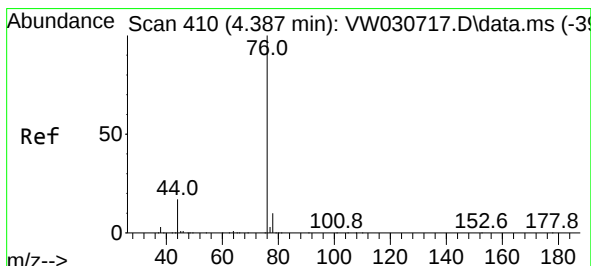
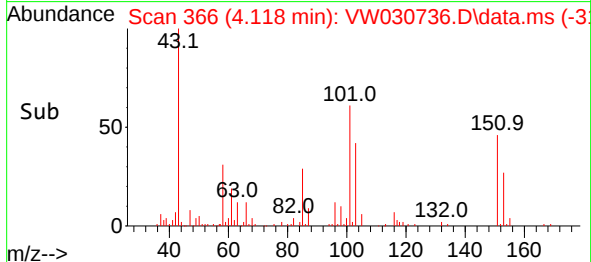
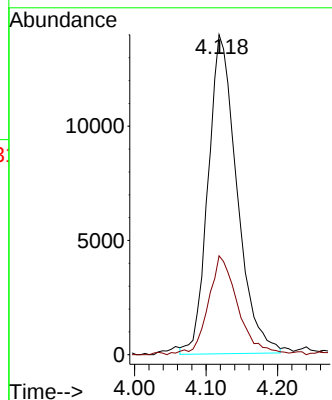
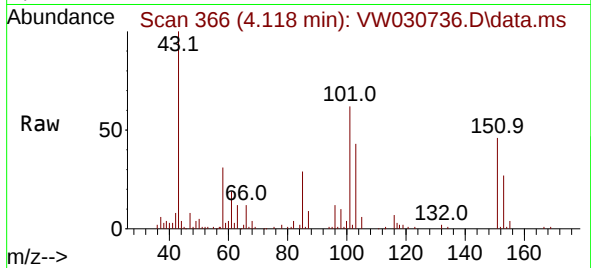




#13  
Acetone  
Concen: 33.780 ug/L  
RT: 4.118 min Scan# 30  
Delta R.T. -0.000 min  
Lab File: VW030736.D  
Acq: 23 Oct 2024 20:04

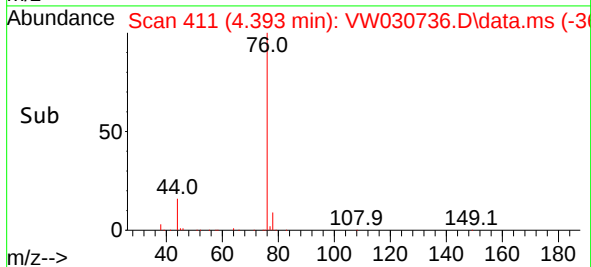
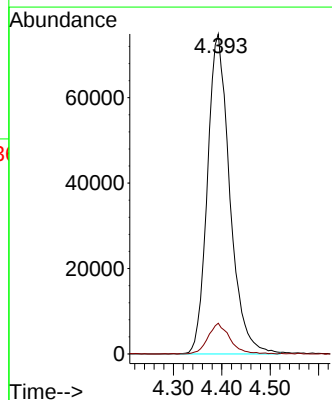
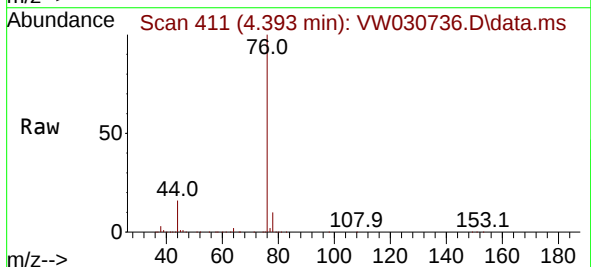
Instrument :  
MSVOA\_W  
ClientSampleId :

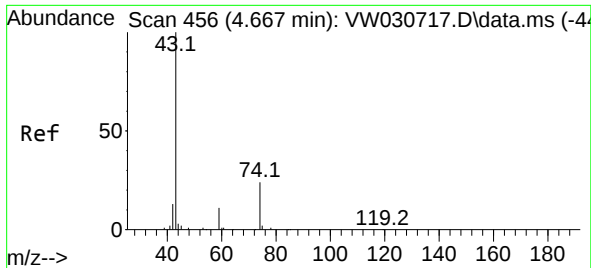
Tgt Ion: 43 Resp: 39108  
Ion Ratio Lower Upper  
43 100  
58 30.8 0.0 57.6



#14  
Carbon disulfide  
Concen: 19.667 ug/L  
RT: 4.393 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: VW030736.D  
Acq: 23 Oct 2024 20:04

Tgt Ion: 76 Resp: 240876  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.1 10.7

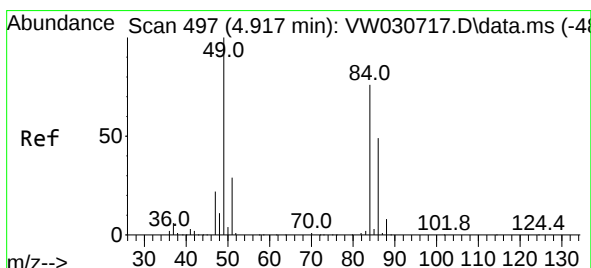
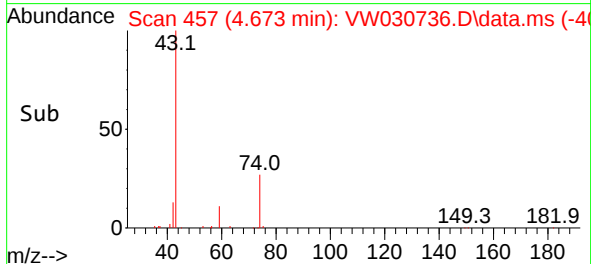
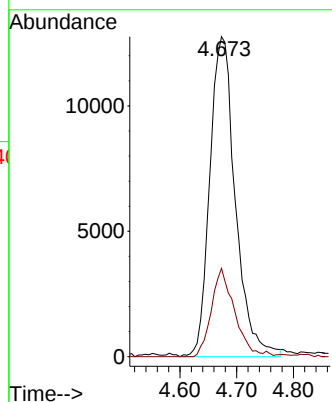
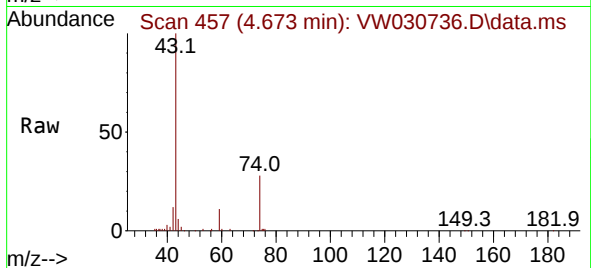




#15  
Methyl Acetate  
Concen: 27.943 ug/L  
RT: 4.673 min Scan# 457  
Delta R.T. 0.006 min  
Lab File: VW030736.D  
Acq: 23 Oct 2024 20:04

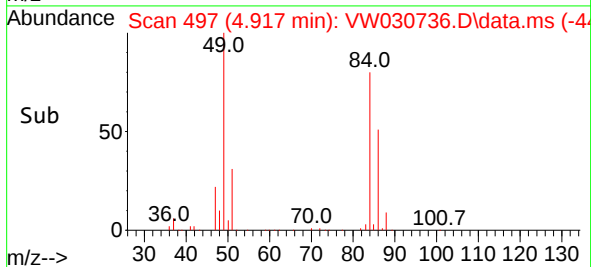
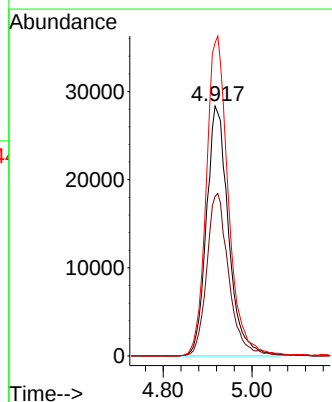
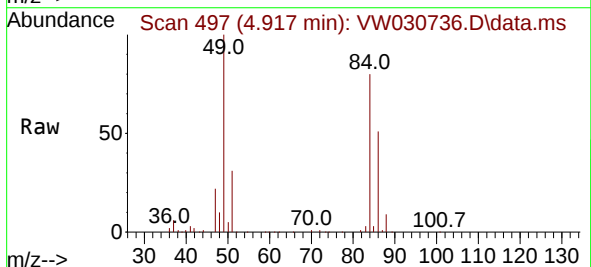
Instrument :  
MSVOA\_W  
ClientSampleId :

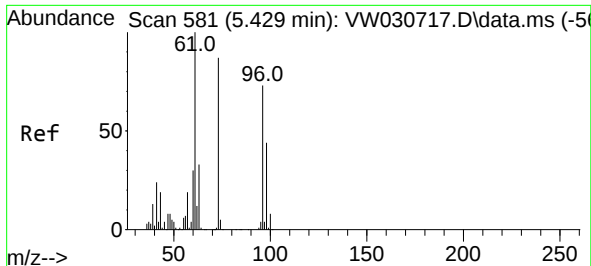
Tgt Ion: 43 Resp: 39961  
Ion Ratio Lower Upper  
43 100  
74 24.7 19.3 28.9



#16  
Methylene chloride  
Concen: 23.117 ug/L  
RT: 4.917 min Scan# 497  
Delta R.T. -0.000 min  
Lab File: VW030736.D  
Acq: 23 Oct 2024 20:04

Tgt Ion: 84 Resp: 97699  
Ion Ratio Lower Upper  
84 100  
86 63.9 43.8 81.3  
49 125.3 88.3 164.1

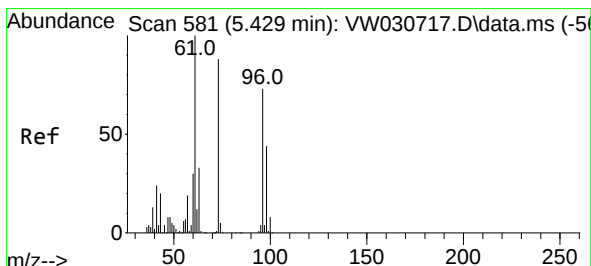
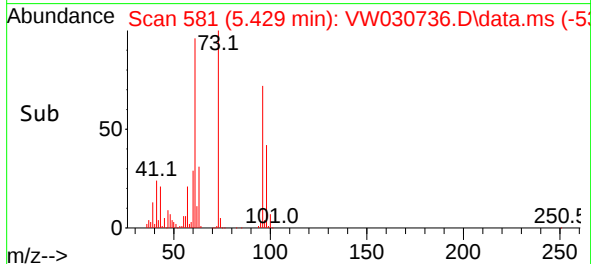
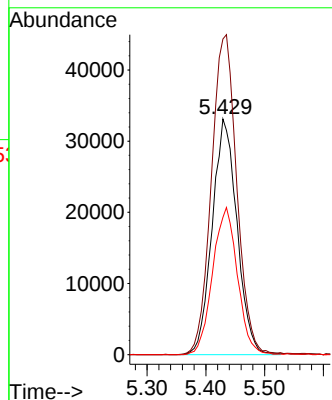
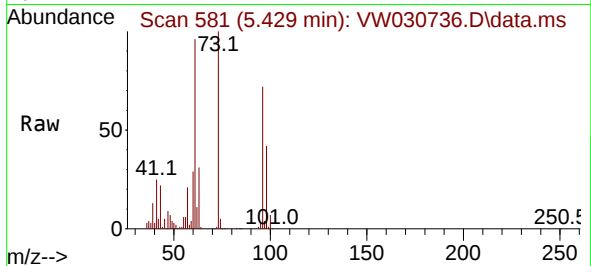




#17  
trans-1,2-Dichloroethene  
Concen: 23.998 ug/L  
RT: 5.429 min Scan# 581  
Delta R.T. -0.000 min  
Lab File: VW030736.D  
Acq: 23 Oct 2024 20:04

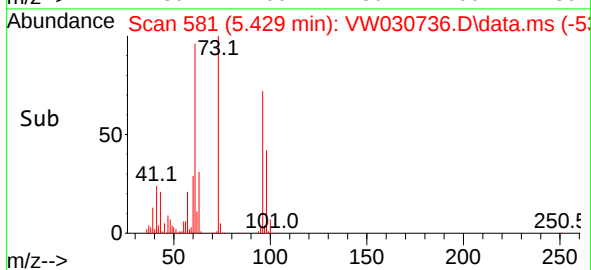
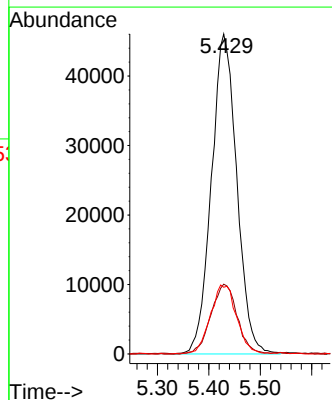
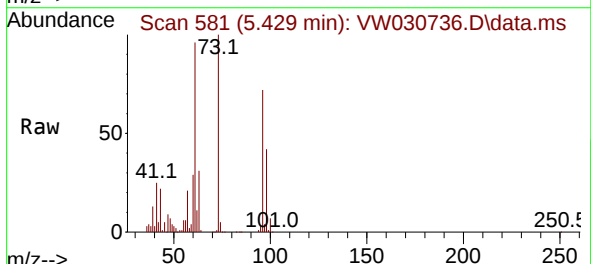
Instrument :  
MSVOA\_W  
ClientSampleId :

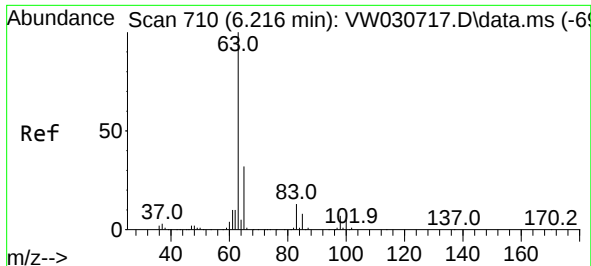
Tgt Ion: 96 Resp: 97121  
Ion Ratio Lower Upper  
96 100  
61 134.0 96.9 179.9  
98 58.3 42.2 78.4



#18  
Methyl tert-butyl Ether  
Concen: 27.894 ug/L  
RT: 5.429 min Scan# 581  
Delta R.T. -0.000 min  
Lab File: VW030736.D  
Acq: 23 Oct 2024 20:04

Tgt Ion: 73 Resp: 157997  
Ion Ratio Lower Upper  
73 100  
43 22.0 18.1 27.1  
57 22.2 17.7 26.5





#19

1,1-Dichloroethane

Concen: 25.669 ug/L

RT: 6.221 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW030736.D

Acq: 23 Oct 2024 20:04

Instrument :

MSVOA\_W

ClientSampleId :

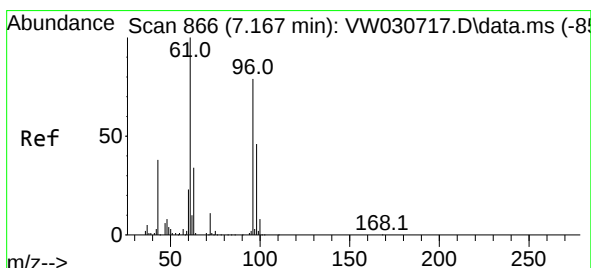
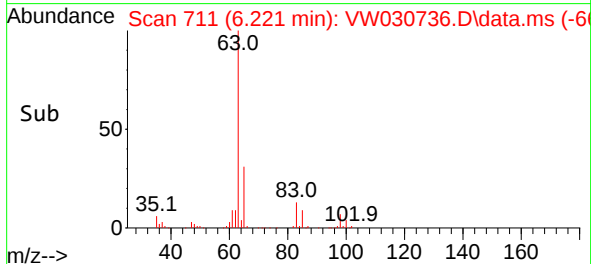
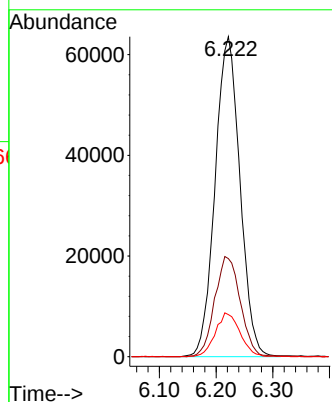
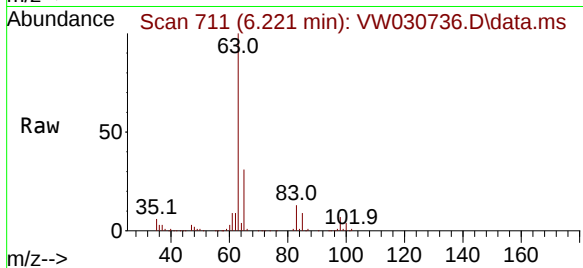
Tgt Ion: 63 Resp: 193081

Ion Ratio Lower Upper

63 100

65 30.7 22.5 41.9

83 13.1 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 25.535 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW030736.D

Acq: 23 Oct 2024 20:04

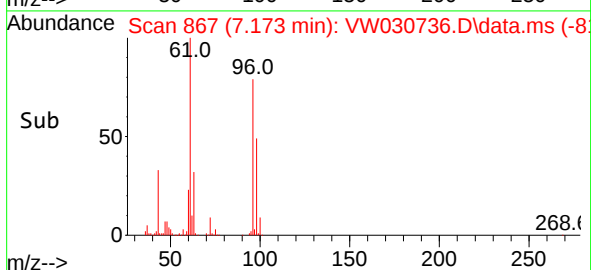
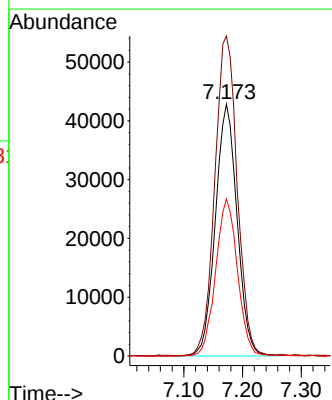
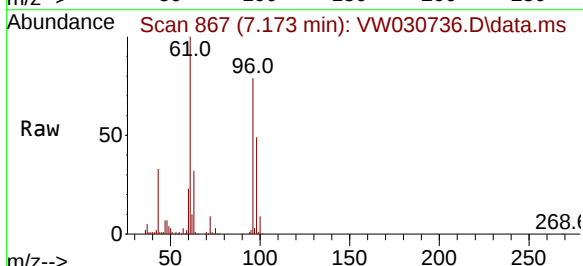
Tgt Ion: 96 Resp: 110227

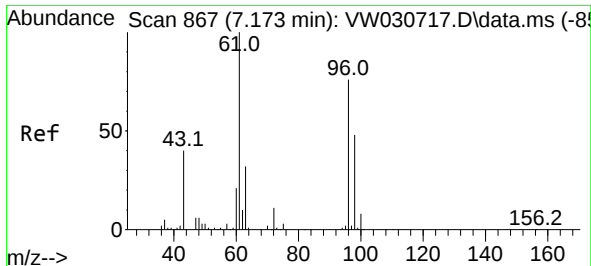
Ion Ratio Lower Upper

96 100

61 127.1 88.3 163.9

98 62.3 41.3 76.7

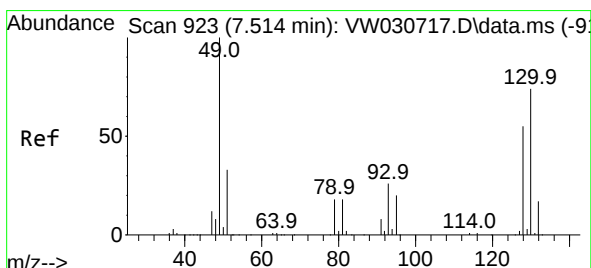
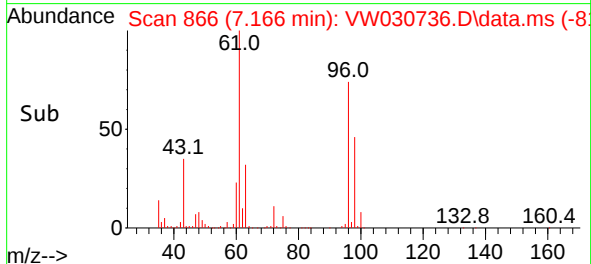
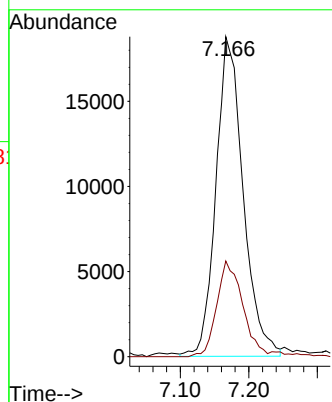
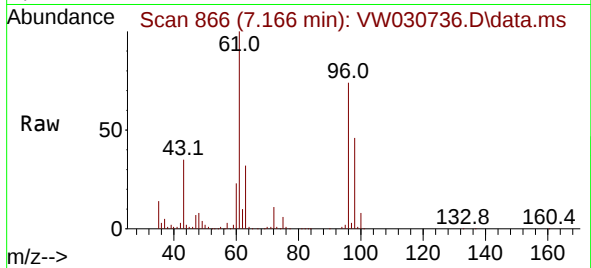




#22  
2-Butanone  
Concen: 41.445 ug/L  
RT: 7.166 min Scan# 866  
Delta R.T. -0.006 min  
Lab File: VW030736.D  
Acq: 23 Oct 2024 20:04

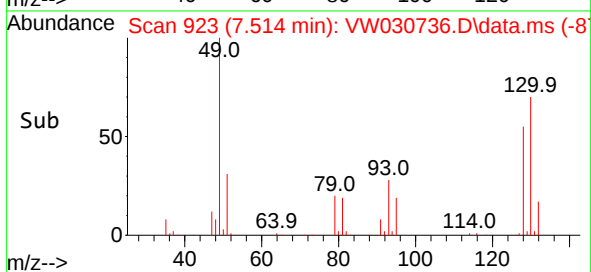
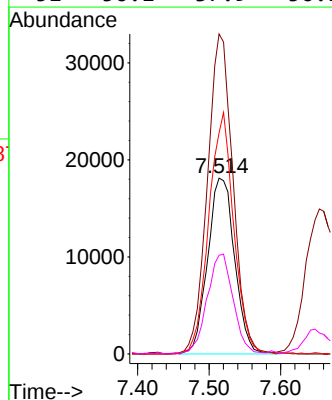
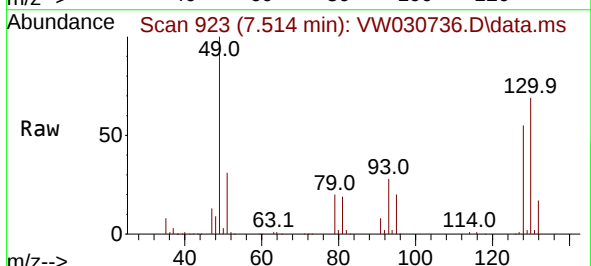
Instrument :  
MSVOA\_W  
ClientSampleId :

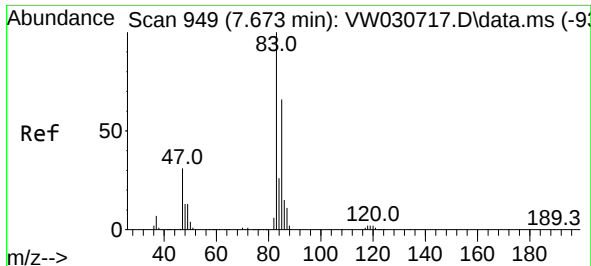
Tgt Ion: 43 Resp: 51721  
Ion Ratio Lower Upper  
43 100  
72 28.4 14.4 43.0



#23  
Bromochloromethane  
Concen: 25.122 ug/L  
RT: 7.514 min Scan# 923  
Delta R.T. -0.000 min  
Lab File: VW030736.D  
Acq: 23 Oct 2024 20:04

Tgt Ion: 128 Resp: 47442  
Ion Ratio Lower Upper  
128 100  
49 181.9 110.1 204.5  
130 125.7 82.9 153.9  
51 56.1 37.9 56.9

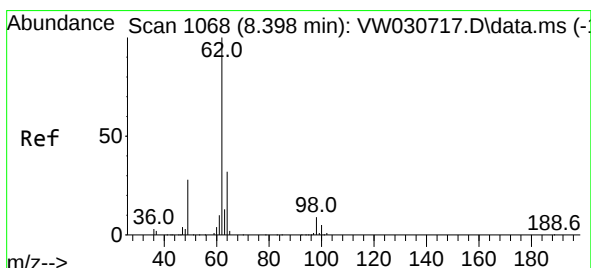
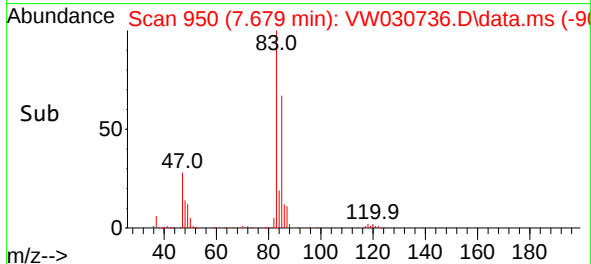
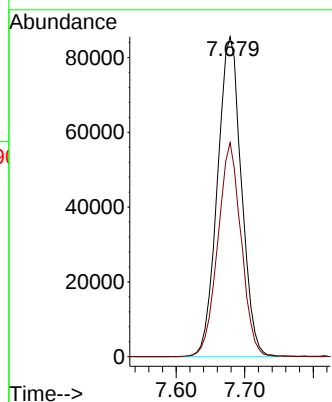
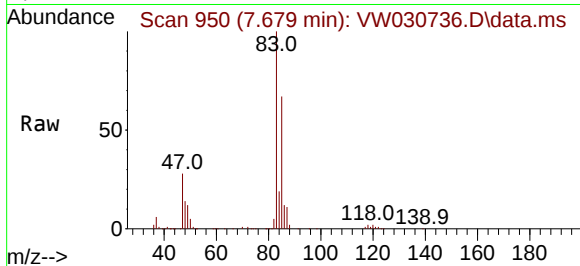




#25  
Chloroform  
Concen: 25.775 ug/L  
RT: 7.679 min Scan# 949  
Delta R.T. 0.006 min  
Lab File: VW030736.D  
Acq: 23 Oct 2024 20:04

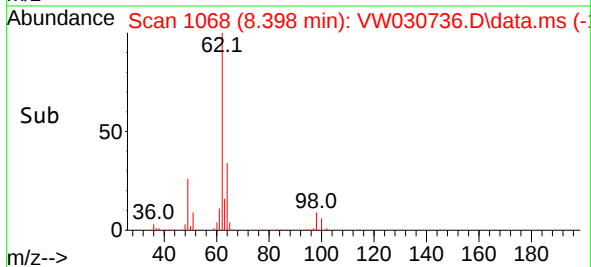
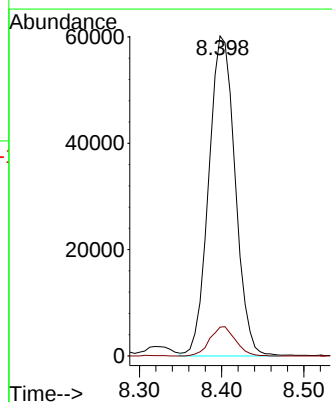
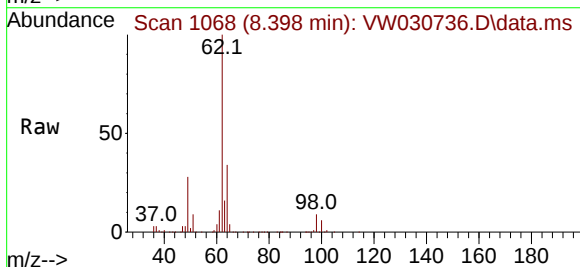
Instrument :  
MSVOA\_W  
ClientSampleId :

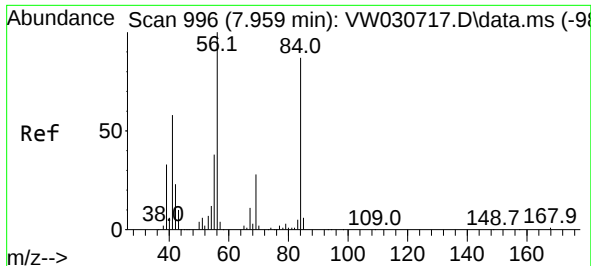
Tgt Ion: 83 Resp: 207186  
Ion Ratio Lower Upper  
83 100  
85 66.9 45.1 83.7



#27  
1,2-Dichloroethane  
Concen: 25.338 ug/L  
RT: 8.398 min Scan# 1068  
Delta R.T. -0.000 min  
Lab File: VW030736.D  
Acq: 23 Oct 2024 20:04

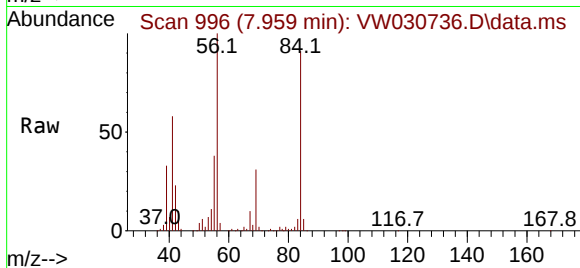
Tgt Ion: 62 Resp: 134367  
Ion Ratio Lower Upper  
62 100  
98 9.0 7.0 10.6



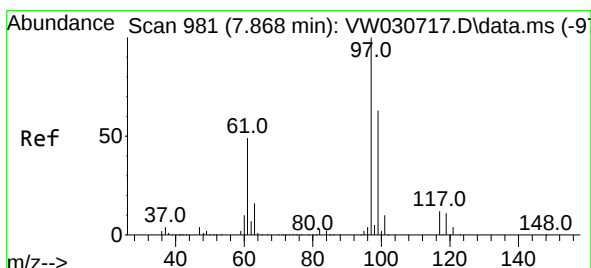
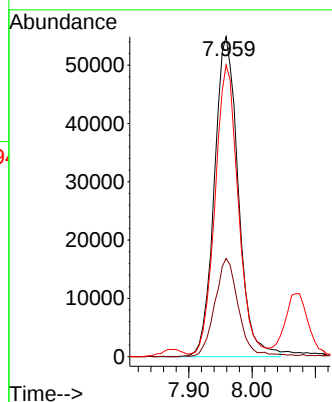
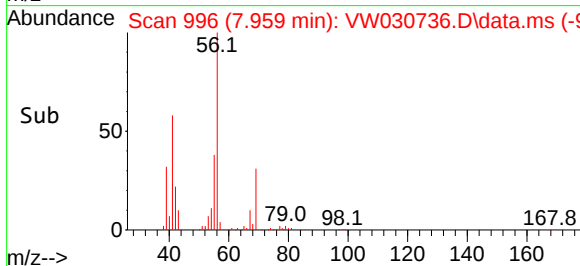


#29  
Cyclohexane  
Concen: 23.176 ug/L  
RT: 7.959 min Scan# 996  
Delta R.T. -0.000 min  
Lab File: VW030736.D  
Acq: 23 Oct 2024 20:04

Instrument :  
MSVOA\_W  
ClientSampleId :

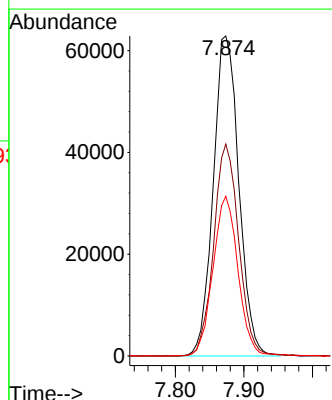
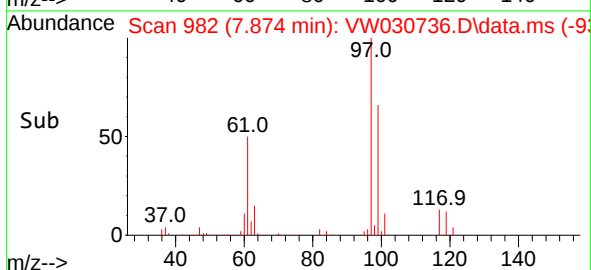
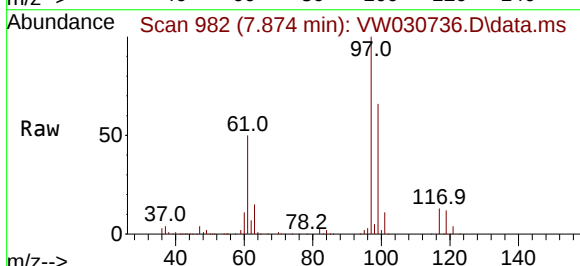


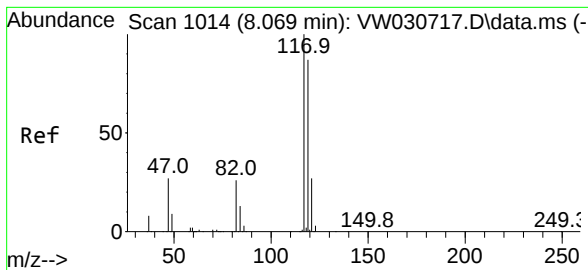
|             |              |
|-------------|--------------|
| Tgt Ion: 56 | Resp: 144098 |
| Ion Ratio   | Lower Upper  |
| 56 100      |              |
| 69 29.2     | 25.4 38.0    |
| 84 87.7     | 72.3 108.5   |



#30  
1,1,1-Trichloroethane  
Concen: 24.043 ug/L  
RT: 7.874 min Scan# 982  
Delta R.T. 0.006 min  
Lab File: VW030736.D  
Acq: 23 Oct 2024 20:04

|             |              |       |  |
|-------------|--------------|-------|--|
| Tgt Ion: 97 | Resp: 163019 |       |  |
| Ion Ratio   | Lower        | Upper |  |
| 97 100      |              |       |  |
| 99 64.8     | 52.3         | 78.5  |  |
| 61 48.8     | 38.5         | 57.7  |  |

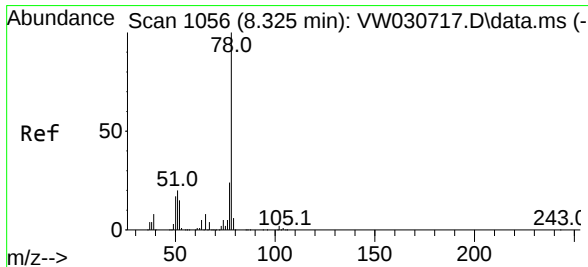
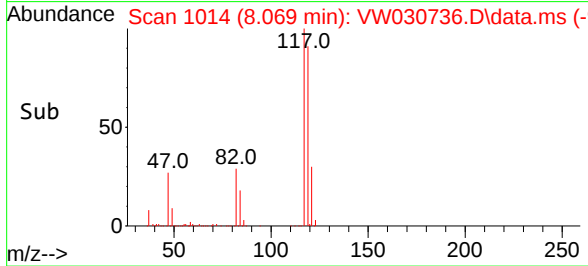
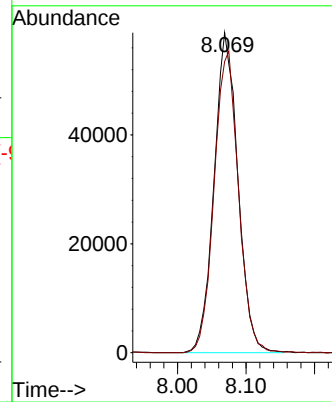
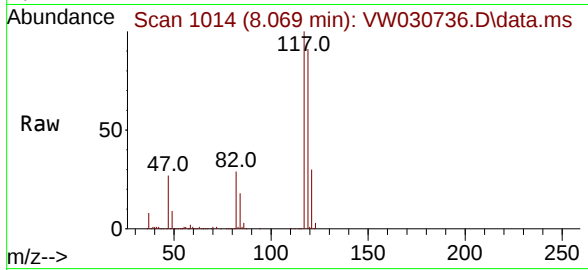




#31  
Carbon tetrachloride  
Concen: 23.447 ug/L  
RT: 8.069 min Scan# 1014  
Delta R.T. -0.000 min  
Lab File: VW030736.D  
Acq: 23 Oct 2024 20:04

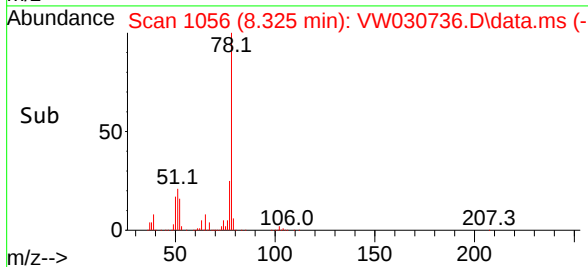
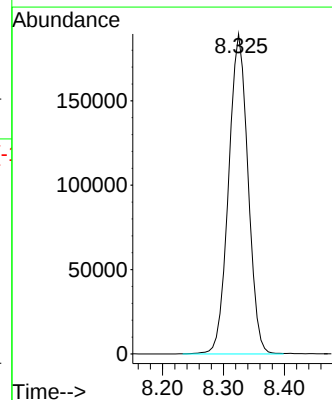
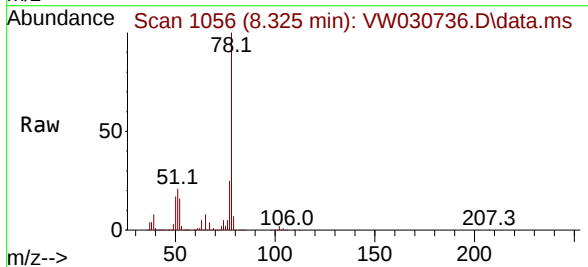
Instrument : MSVOA\_W  
ClientSampleId :

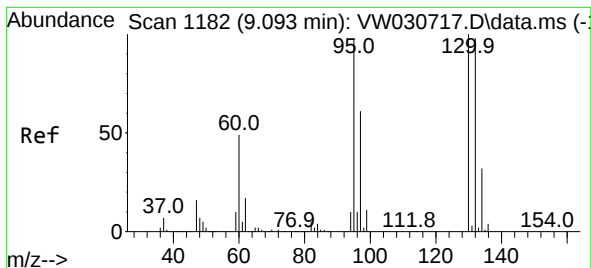
Tgt Ion:117 Resp: 141994  
Ion Ratio Lower Upper  
117 100  
119 96.1 77.8 116.8



#33  
Benzene  
Concen: 25.202 ug/L  
RT: 8.325 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VW030736.D  
Acq: 23 Oct 2024 20:04

Tgt Ion: 78 Resp: 418900





#34

Trichloroethene

Concen: 23.556 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW030736.D

Acq: 23 Oct 2024 20:04

Instrument :

MSVOA\_W

ClientSampleId :

Tgt Ion: 95 Resp: 108929

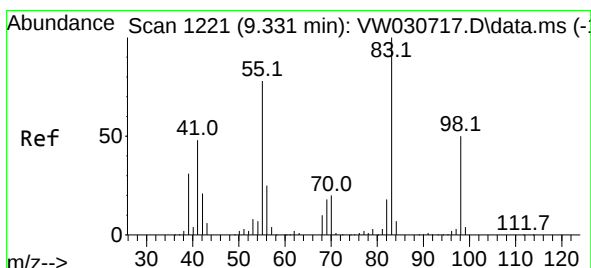
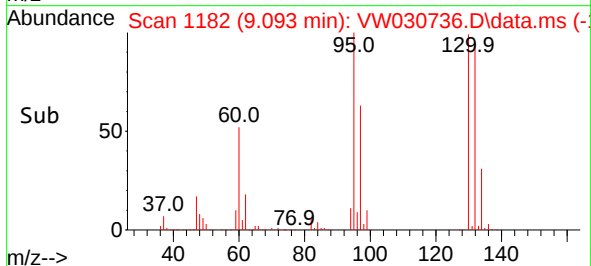
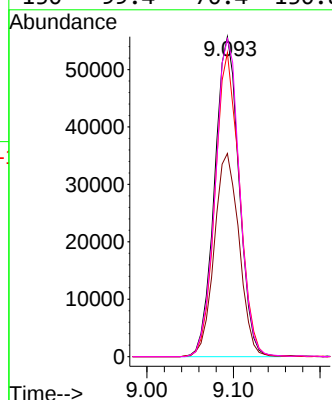
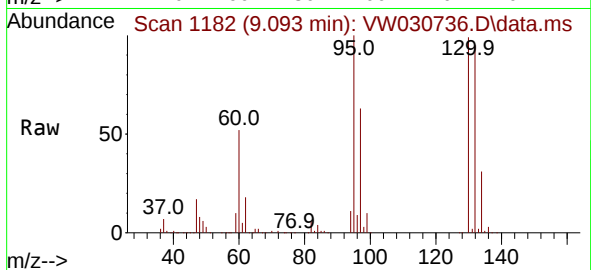
Ion Ratio Lower Upper

95 100

97 63.5 45.9 85.3

132 95.0 66.4 123.2

130 99.4 70.4 130.8



#35

Methylcyclohexane

Concen: 22.876 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW030736.D

Acq: 23 Oct 2024 20:04

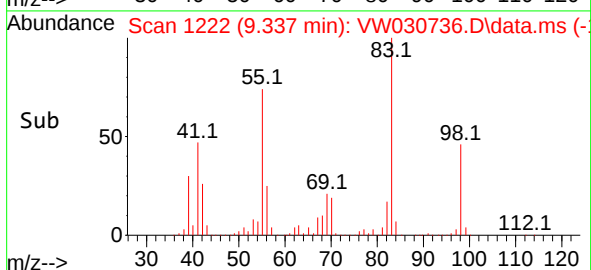
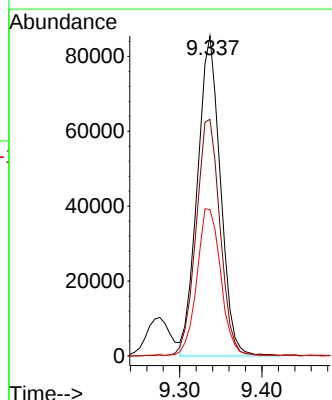
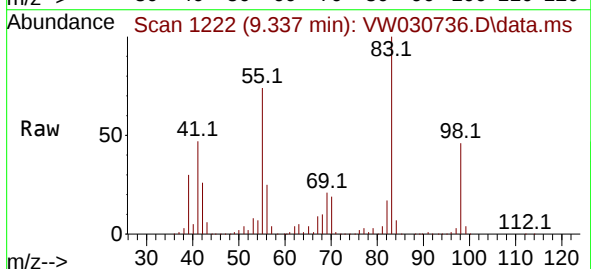
Tgt Ion: 83 Resp: 166481

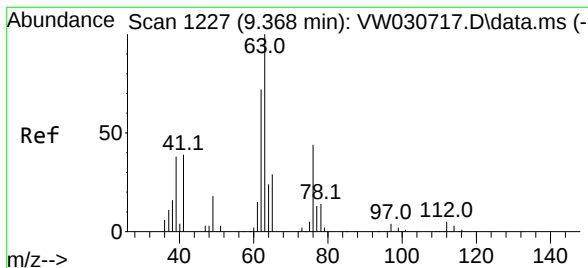
Ion Ratio Lower Upper

83 100

55 77.3 61.8 92.8

98 48.0 39.3 58.9





#37

1,2-Dichloropropane

Concen: 26.332 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW030736.D

Acq: 23 Oct 2024 20:04

Instrument :

MSVOA\_W

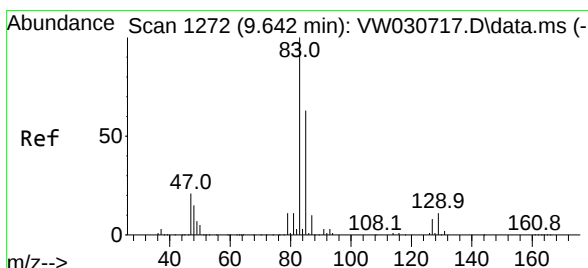
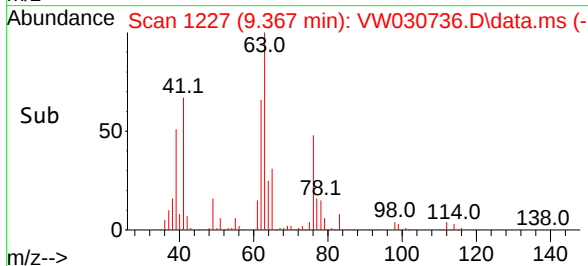
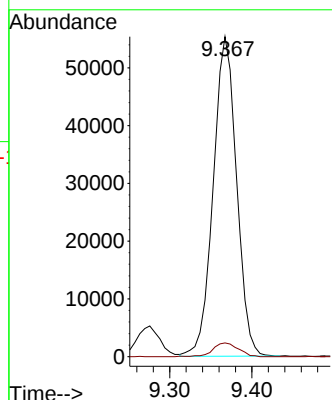
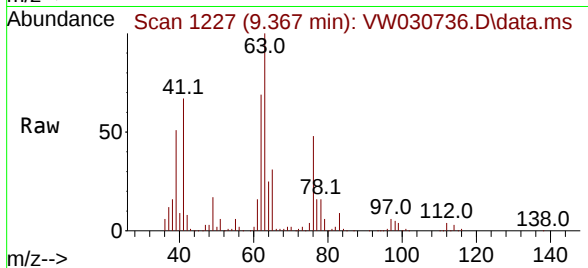
ClientSampleId :

Tgt Ion: 63 Resp: 109311

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 26.719 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW030736.D

Acq: 23 Oct 2024 20:04

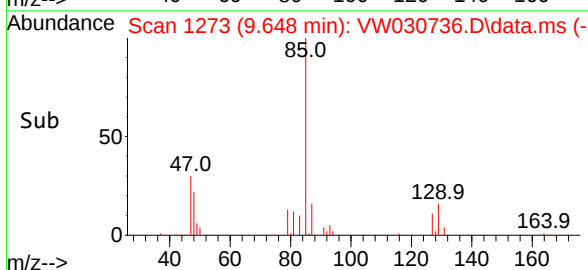
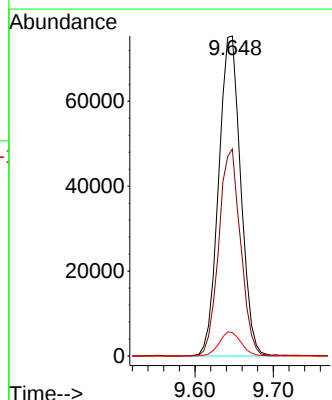
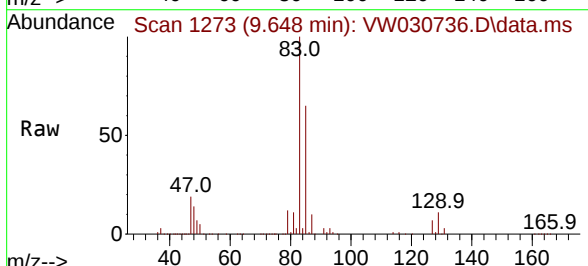
Tgt Ion: 83 Resp: 147571

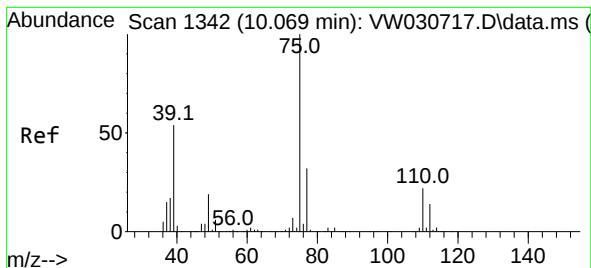
Ion Ratio Lower Upper

83 100

85 64.6 44.2 82.0

127 7.3 6.2 9.4

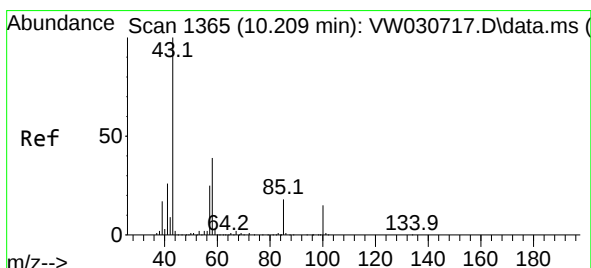
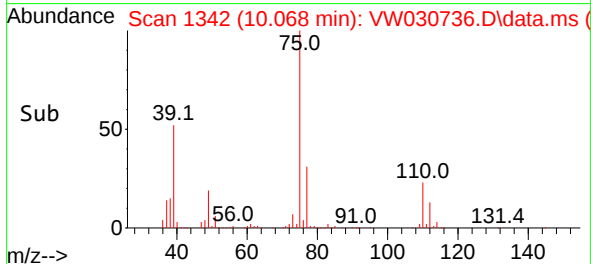
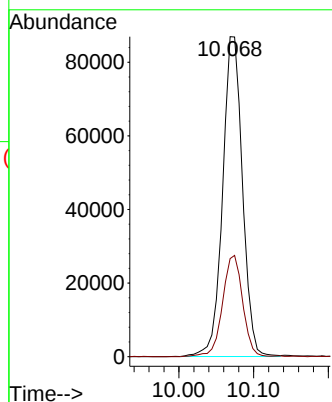
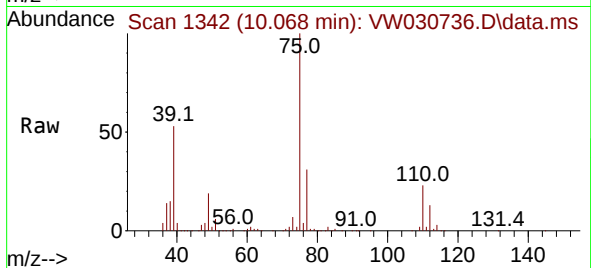




#39  
 cis-1,3-Dichloropropene  
 Concen: 25.661 ug/L  
 RT: 10.068 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VW030736.D  
 Acq: 23 Oct 2024 20:04

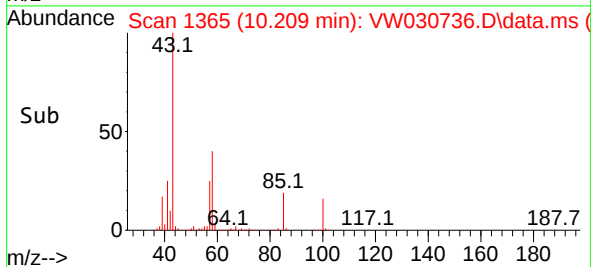
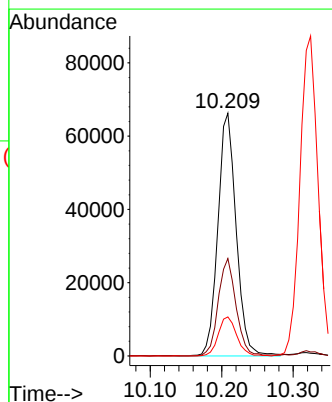
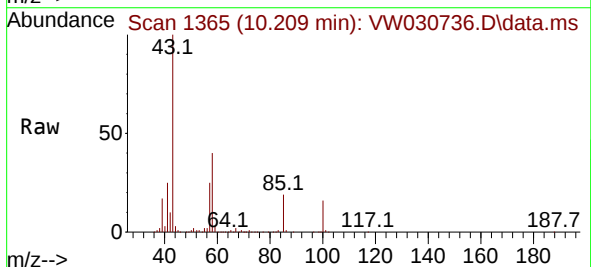
Instrument :  
 MSVOA\_W  
 ClientSampleId :

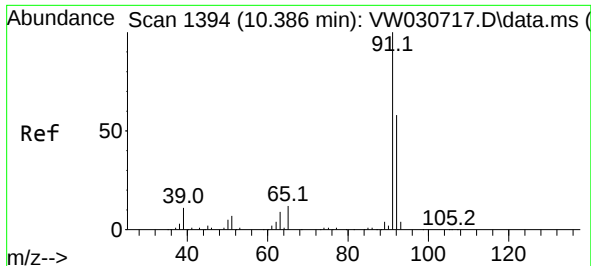
Tgt Ion: 75 Resp: 160678  
 Ion Ratio Lower Upper  
 75 100  
 77 30.7 21.1 39.1



#40  
 4-Methyl-2-pentanone  
 Concen: 59.078 ug/L  
 RT: 10.209 min Scan# 1365  
 Delta R.T. -0.000 min  
 Lab File: VW030736.D  
 Acq: 23 Oct 2024 20:04

Tgt Ion: 43 Resp: 117819  
 Ion Ratio Lower Upper  
 43 100  
 58 39.0 31.4 47.2  
 100 16.2 13.1 19.7

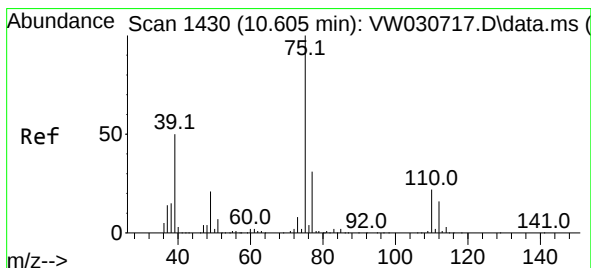
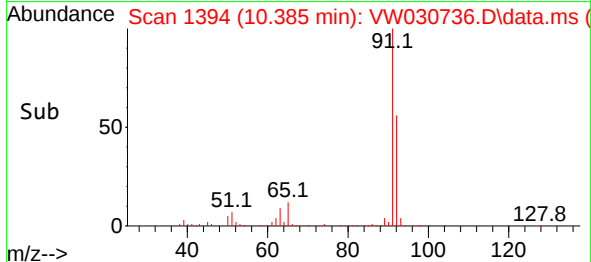
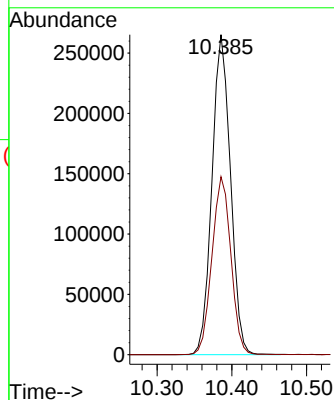
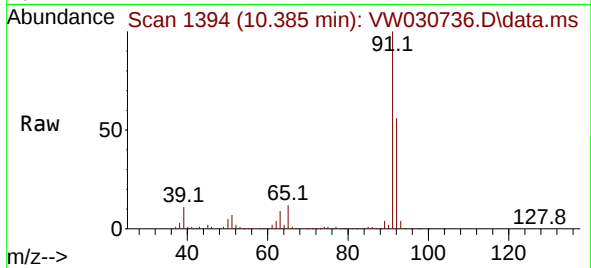




#42  
Toluene  
Concen: 25.802 ug/L  
RT: 10.385 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW030736.D  
Acq: 23 Oct 2024 20:04

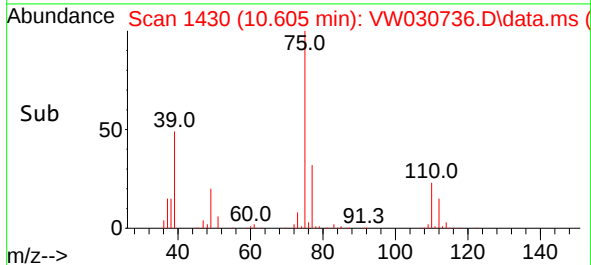
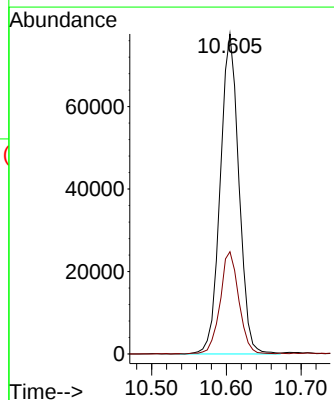
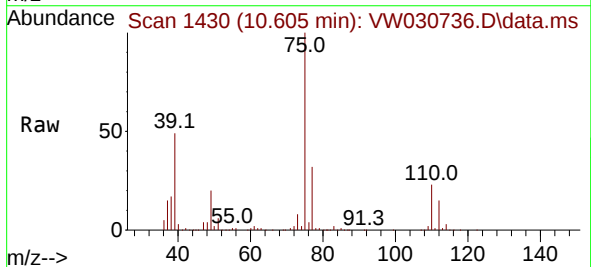
Instrument :  
MSVOA\_W  
ClientSampleId :

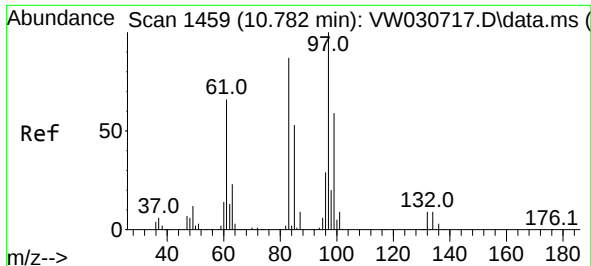
Tgt Ion: 91 Resp: 457538  
Ion Ratio Lower Upper  
91 100  
92 55.6 40.3 74.8



#44  
trans-1,3-Dichloropropene  
Concen: 25.623 ug/L  
RT: 10.605 min Scan# 1430  
Delta R.T. -0.000 min  
Lab File: VW030736.D  
Acq: 23 Oct 2024 20:04

Tgt Ion: 75 Resp: 134821  
Ion Ratio Lower Upper  
75 100  
77 32.0 21.6 40.2

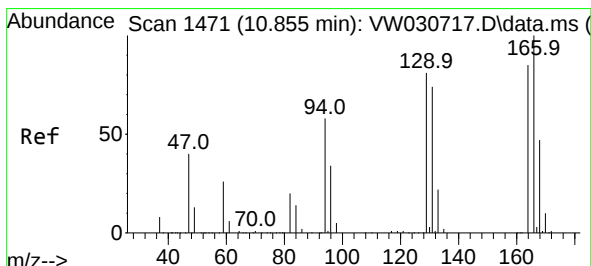
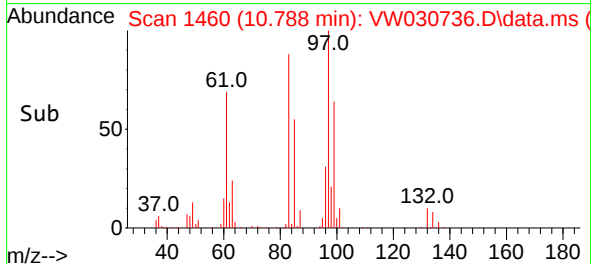
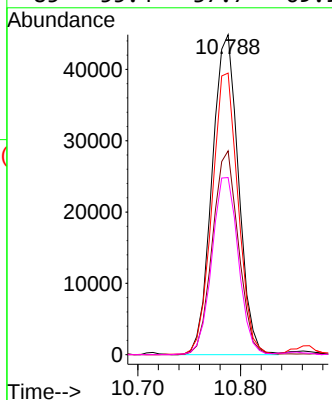
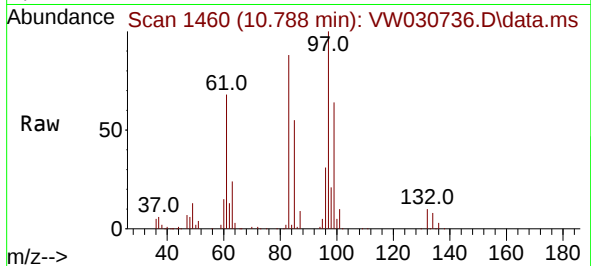




#45  
1,1,2-Trichloroethane  
Concen: 26.687 ug/L  
RT: 10.788 min Scan# 1459  
Delta R.T. 0.006 min  
Lab File: VW030736.D  
Acq: 23 Oct 2024 20:04

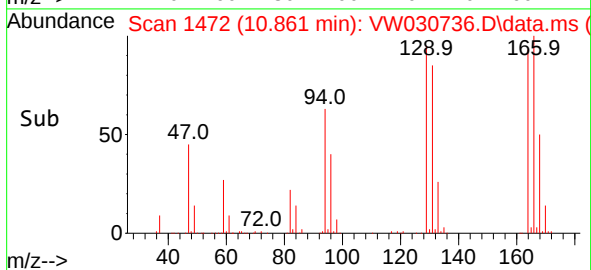
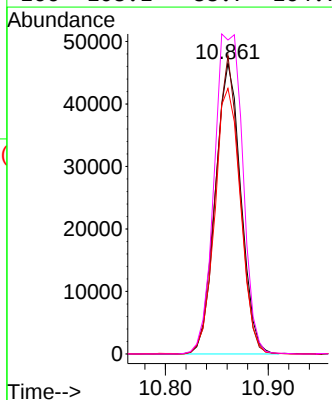
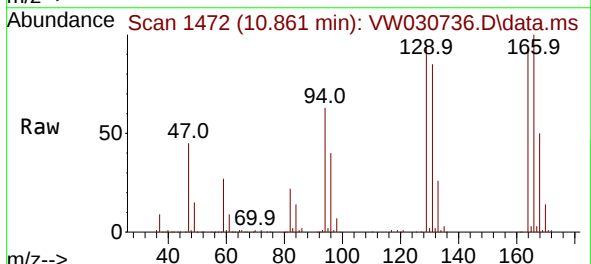
Instrument :  
MSVOA\_W  
ClientSampleId :

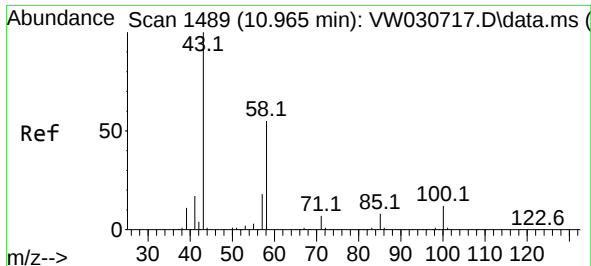
|             |                 |
|-------------|-----------------|
| Tgt Ion: 97 | Resp: 80068     |
| Ion Ratio   | Lower Upper     |
| 97          | 100             |
| 99          | 63.7 41.2 76.6  |
| 83          | 88.0 59.6 110.6 |
| 85          | 55.4 37.7 69.9  |



#46  
Tetrachloroethene  
Concen: 23.440 ug/L  
RT: 10.861 min Scan# 1472  
Delta R.T. 0.006 min  
Lab File: VW030736.D  
Acq: 23 Oct 2024 20:04

|              |                  |
|--------------|------------------|
| Tgt Ion: 164 | Resp: 79945      |
| Ion Ratio    | Lower Upper      |
| 164          | 100              |
| 129          | 102.7 66.6 123.6 |
| 131          | 91.4 63.7 118.3  |
| 166          | 108.1 88.7 164.7 |

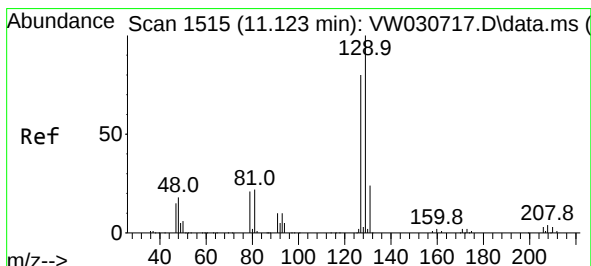
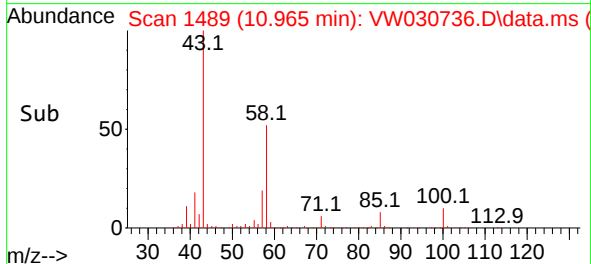
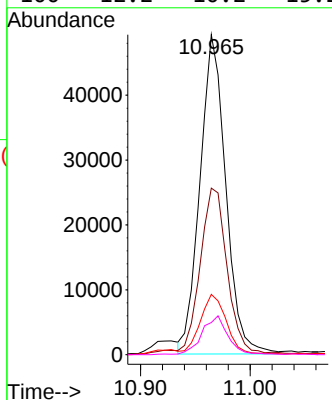
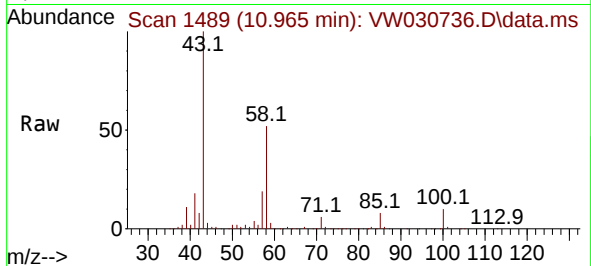




#48  
2-Hexanone  
Concen: 49.498 ug/L  
RT: 10.965 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VW030736.D  
Acq: 23 Oct 2024 20:04

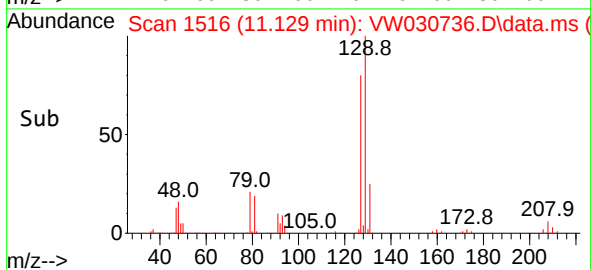
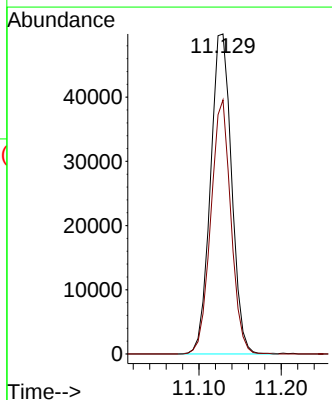
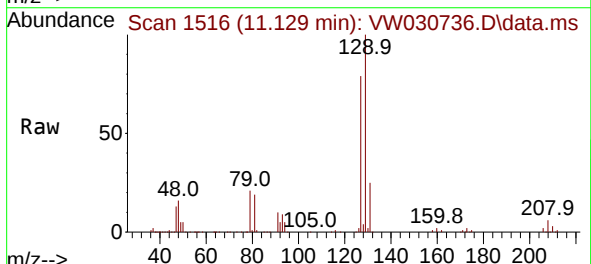
Instrument :  
MSVOA\_W  
ClientSampleId :

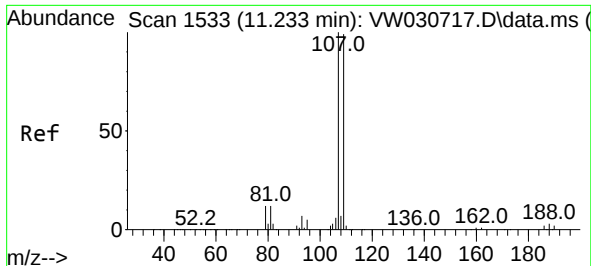
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 80726 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 54.1     | 44.6 67.0   |
| 57 19.5     | 15.8 23.8   |
| 100 12.2    | 10.2 15.2   |



#49  
Dibromochloromethane  
Concen: 26.600 ug/L  
RT: 11.129 min Scan# 1516  
Delta R.T. 0.006 min  
Lab File: VW030736.D  
Acq: 23 Oct 2024 20:04

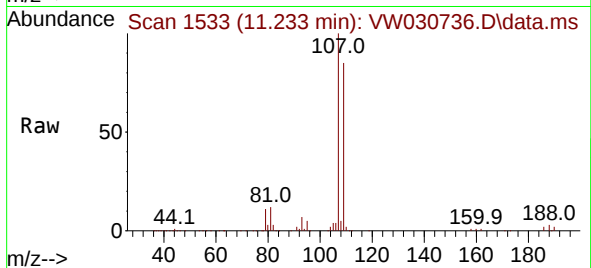
|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:129 | Resp: | 89049 |       |
| Ion         | Ratio | Lower | Upper |
| 129         | 100   |       |       |
| 127         | 79.4  | 56.5  | 104.9 |



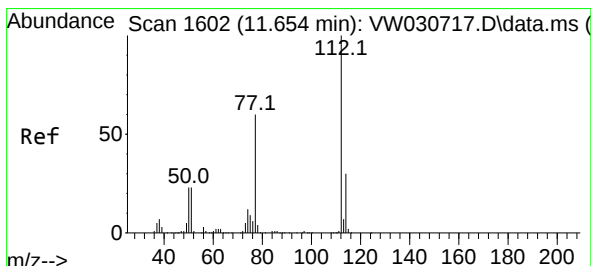
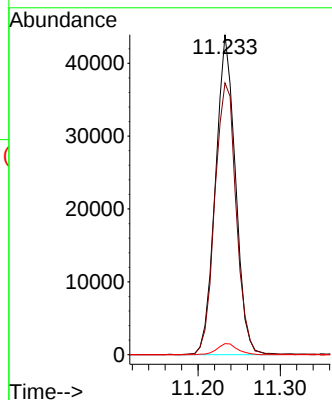
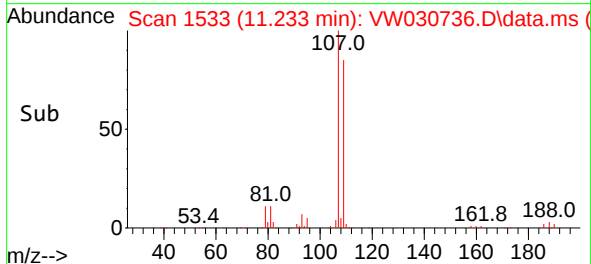


#50  
1,2-Dibromoethane  
Concen: 26.457 ug/L  
RT: 11.233 min Scan# 1533  
Delta R.T. -0.000 min  
Lab File: VW030736.D  
Acq: 23 Oct 2024 20:04

Instrument :  
MSVOA\_W  
ClientSampleId :

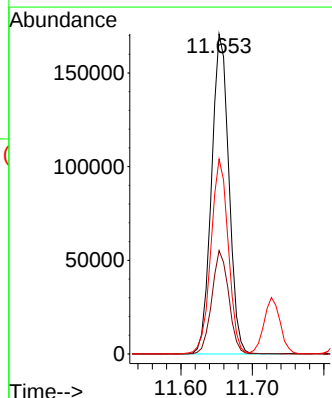
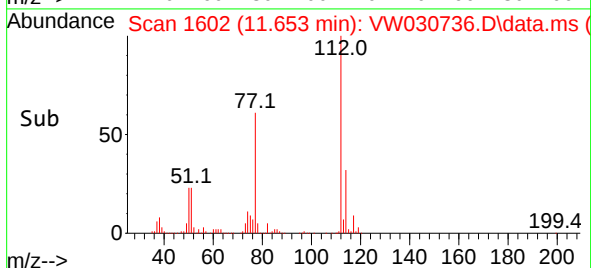
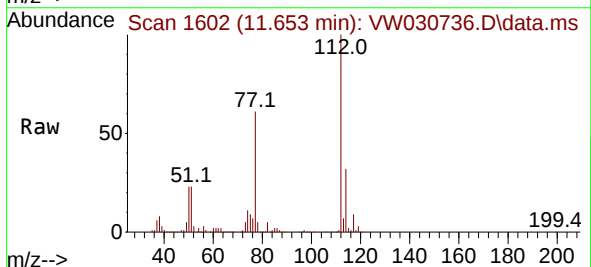


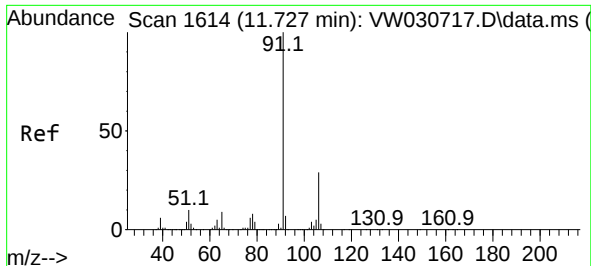
Tgt Ion:107 Resp: 74069  
Ion Ratio Lower Upper  
107 100  
109 84.9 63.8 118.6  
188 3.4 2.6 3.8



#51  
Chlorobenzene  
Concen: 25.159 ug/L  
RT: 11.653 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: VW030736.D  
Acq: 23 Oct 2024 20:04

Tgt Ion:112 Resp: 287192  
Ion Ratio Lower Upper  
112 100  
114 32.3 22.4 41.6  
77 60.9 47.1 70.7

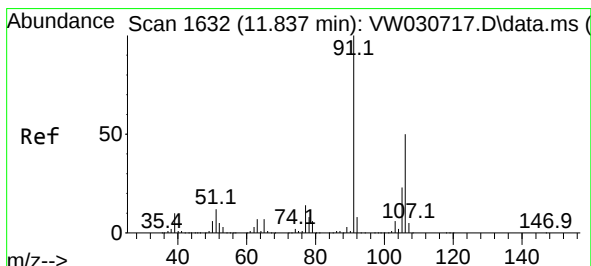
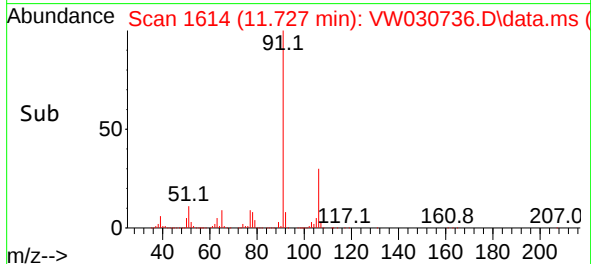
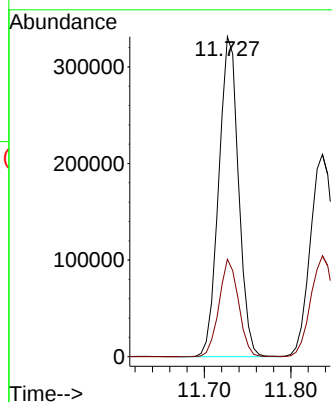
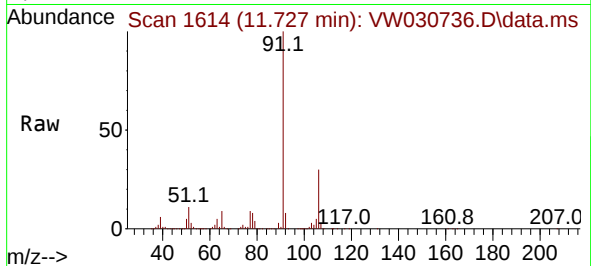




#52  
Ethylbenzene  
Concen: 26.016 ug/L  
RT: 11.727 min Scan# 1172  
Delta R.T. -0.000 min  
Lab File: VW030736.D  
Acq: 23 Oct 2024 20:04

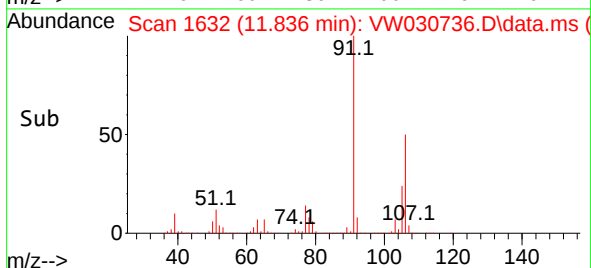
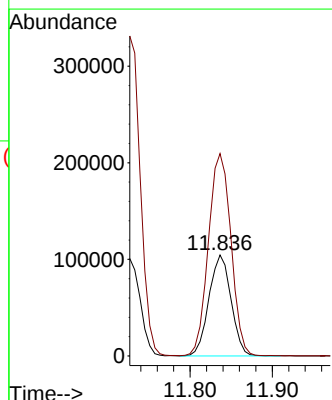
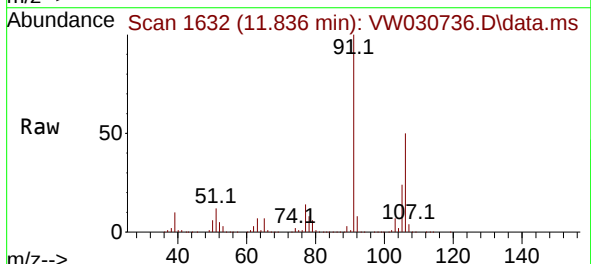
Instrument :  
MSVOA\_W  
ClientSampleId :

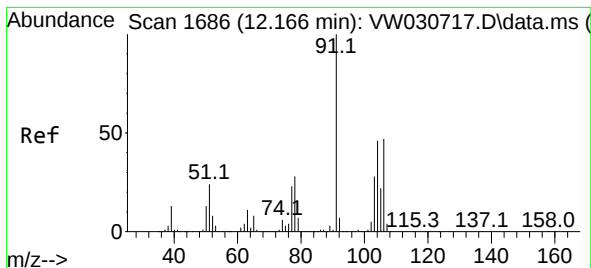
Tgt Ion: 91 Resp: 526402  
Ion Ratio Lower Upper  
91 100  
106 30.4 21.1 39.1



#53  
m,p-Xylene  
Concen: 25.686 ug/L  
RT: 11.836 min Scan# 1632  
Delta R.T. -0.000 min  
Lab File: VW030736.D  
Acq: 23 Oct 2024 20:04

Tgt Ion:106 Resp: 194712  
Ion Ratio Lower Upper  
106 100  
91 200.6 140.6 261.2





#54

o-Xylene

Concen: 26.688 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030736.D

Acq: 23 Oct 2024 20:04

Instrument :

MSVOA\_W

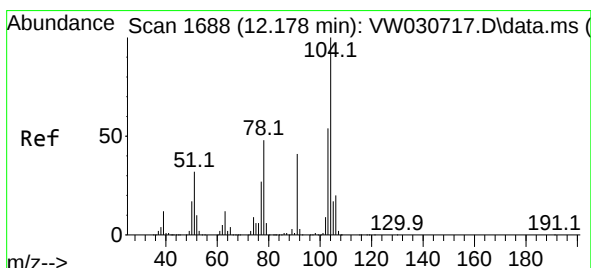
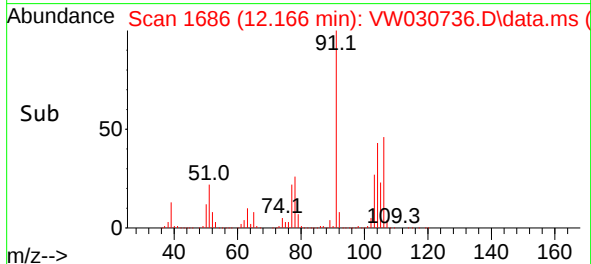
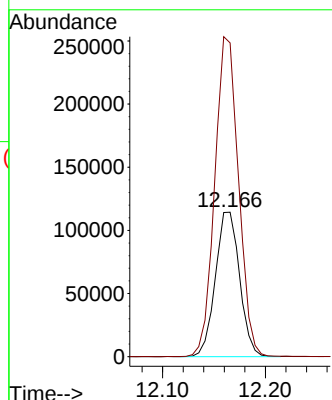
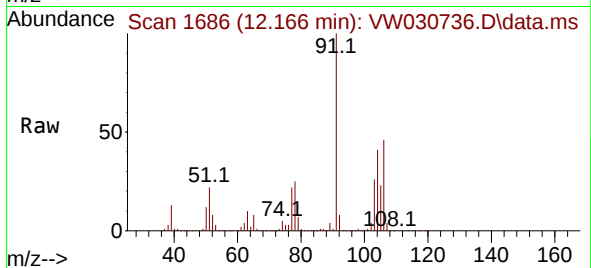
ClientSampleId :

Tgt Ion:106 Resp: 187037

Ion Ratio Lower Upper

106 100

91 217.1 144.5 268.4



#55

Styrene

Concen: 26.966 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW030736.D

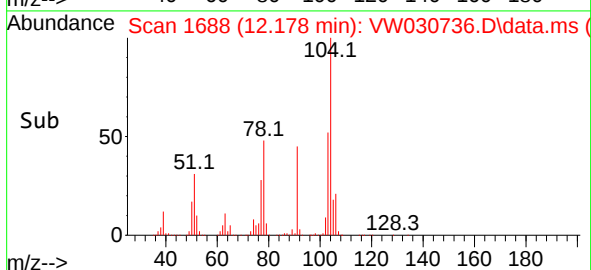
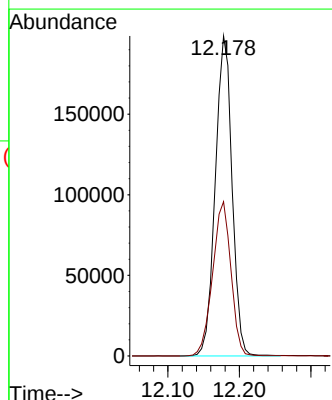
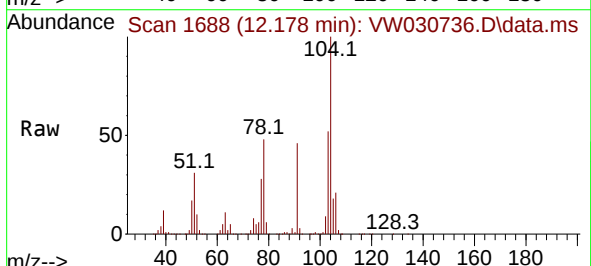
Acq: 23 Oct 2024 20:04

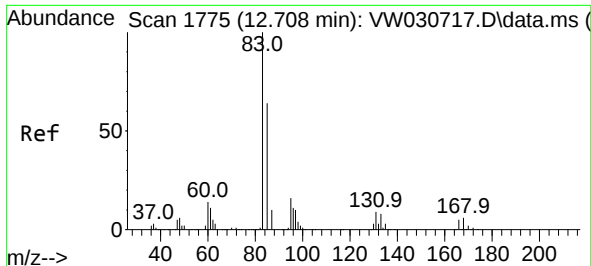
Tgt Ion:104 Resp: 323073

Ion Ratio Lower Upper

104 100

78 48.2 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 27.642 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030736.D

Acq: 23 Oct 2024 20:04

Instrument :

MSVOA\_W

ClientSampleId :

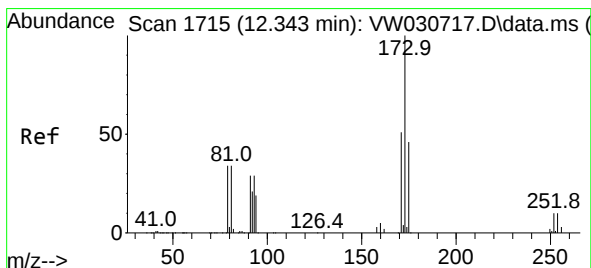
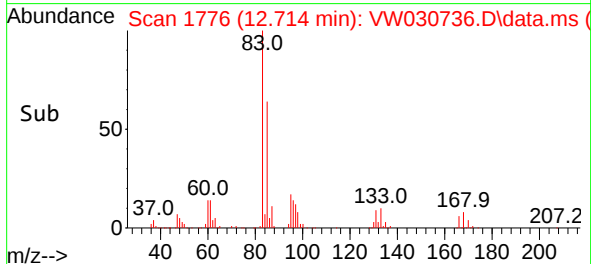
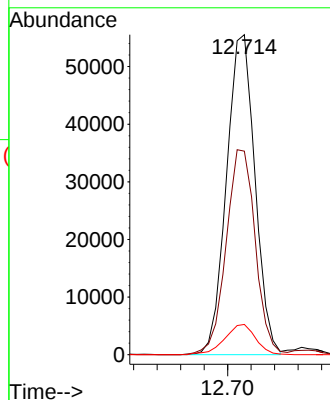
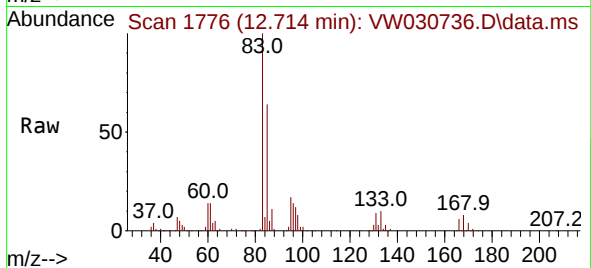
Tgt Ion: 83 Resp: 93524

Ion Ratio Lower Upper

83 100

85 63.6 42.6 79.2

131 9.5 7.4 11.0



#59

Bromoform

Concen: 26.684 ug/L

RT: 12.342 min Scan# 1715

Delta R.T. -0.000 min

Lab File: VW030736.D

Acq: 23 Oct 2024 20:04

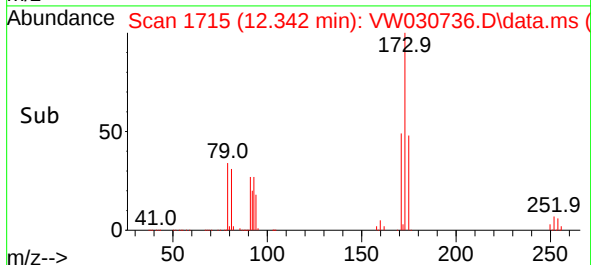
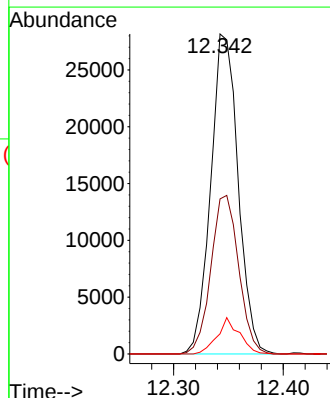
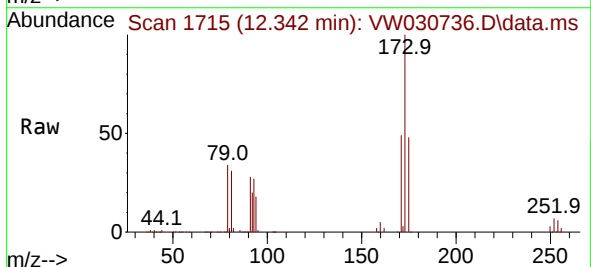
Tgt Ion: 173 Resp: 48965

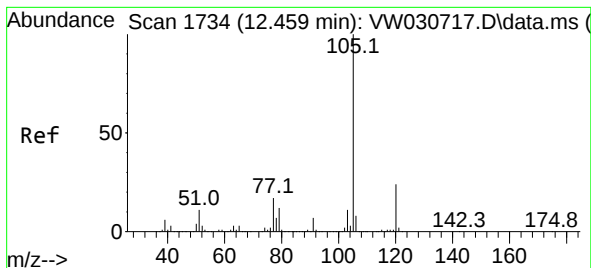
Ion Ratio Lower Upper

173 100

175 50.1 39.0 58.4

254 9.2 7.7 11.5





#60

Isopropylbenzene

Concen: 25.880 ug/L

RT: 12.464 min Scan# 1735

Delta R.T. 0.006 min

Lab File: VW030736.D

Acq: 23 Oct 2024 20:04

Instrument :

MSVOA\_W

ClientSampleId :

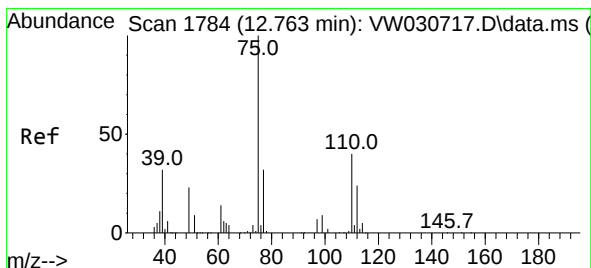
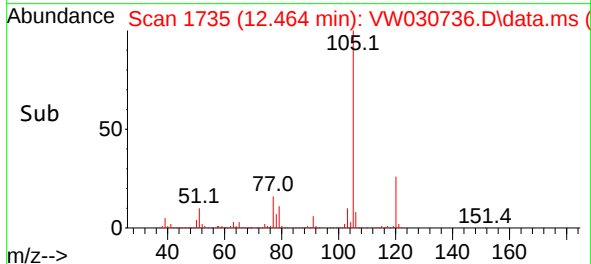
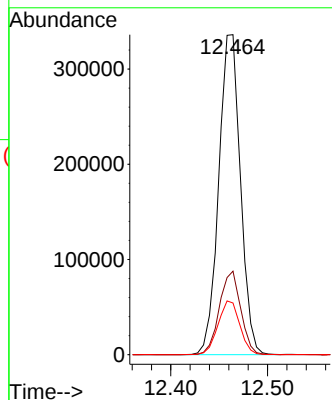
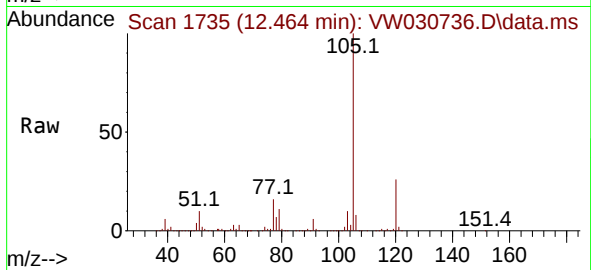
Tgt Ion:105 Resp: 523462

Ion Ratio Lower Upper

105 100

120 25.7 20.6 31.0

77 16.8 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 26.791 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW030736.D

Acq: 23 Oct 2024 20:04

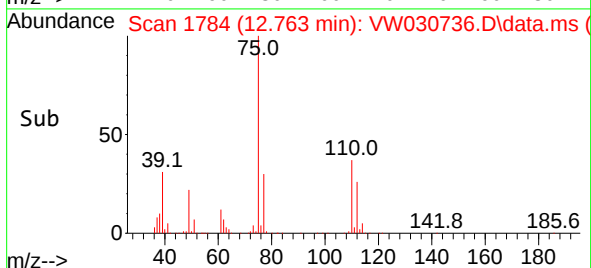
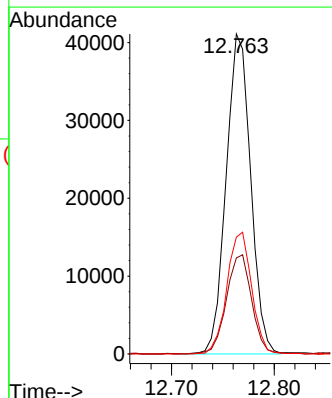
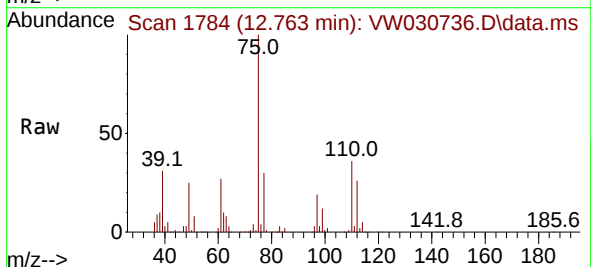
Tgt Ion: 75 Resp: 68089

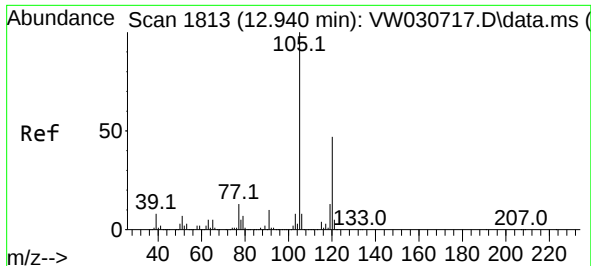
Ion Ratio Lower Upper

75 100

77 32.0 25.7 38.5

110 38.0 32.3 48.5

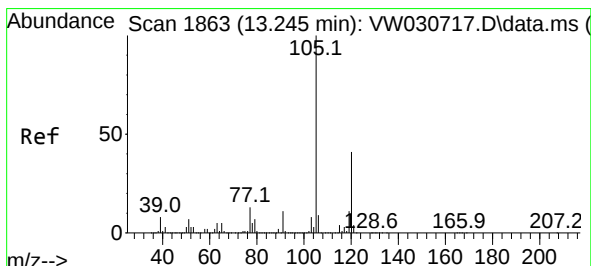
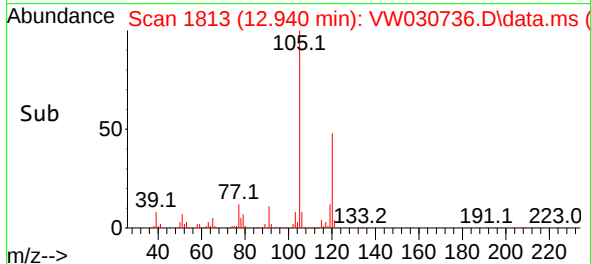
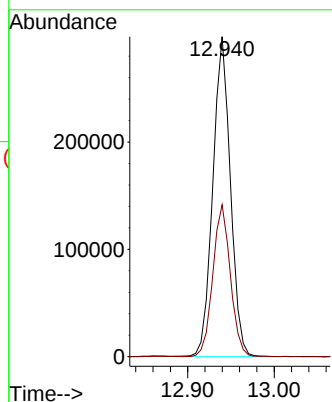
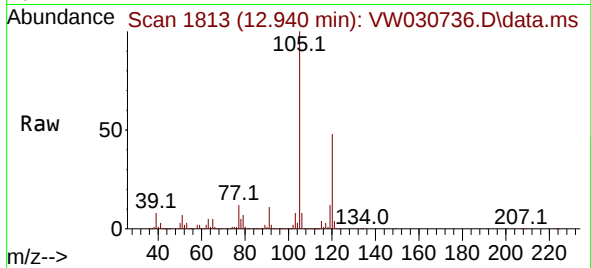




#62  
 1,3,5-Trimethylbenzene  
 Concen: 26.344 ug/L  
 RT: 12.940 min Scan# 1813  
 Delta R.T. -0.000 min  
 Lab File: VW030736.D  
 Acq: 23 Oct 2024 20:04

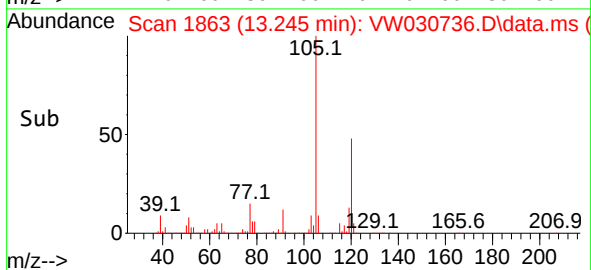
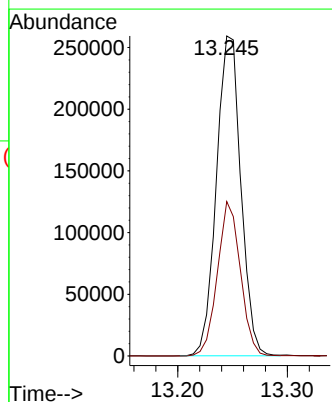
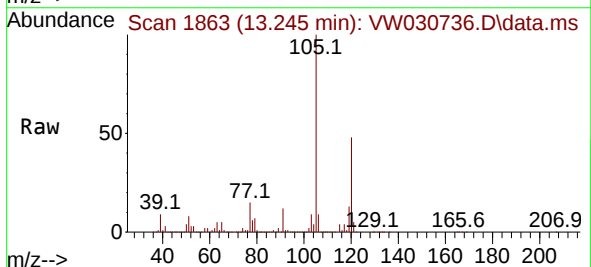
Instrument :  
 MSVOA\_W  
 ClientSampleId :

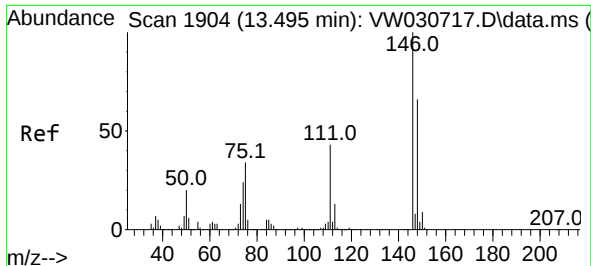
Tgt Ion:105 Resp: 420378  
 Ion Ratio Lower Upper  
 105 100  
 120 47.2 38.0 57.0



#63  
 1,2,4-Trimethylbenzene  
 Concen: 25.753 ug/L  
 RT: 13.245 min Scan# 1863  
 Delta R.T. -0.000 min  
 Lab File: VW030736.D  
 Acq: 23 Oct 2024 20:04

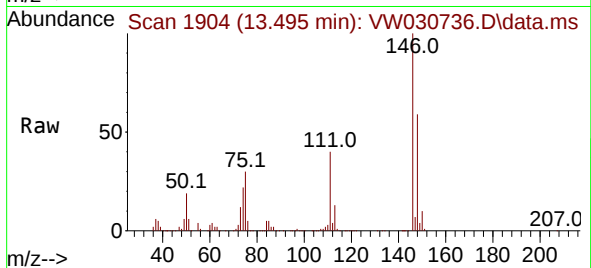
Tgt Ion:105 Resp: 402362  
 Ion Ratio Lower Upper  
 105 100  
 120 45.3 35.8 53.6



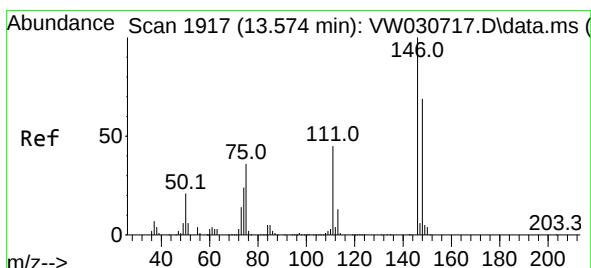
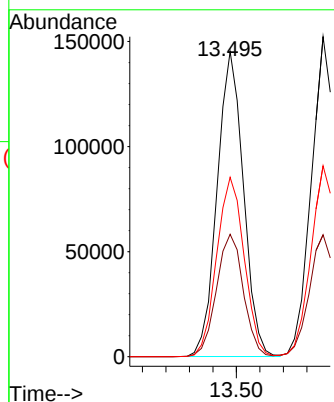
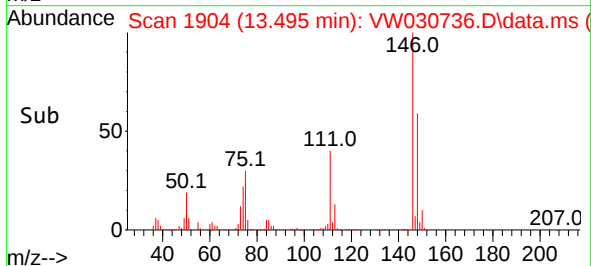


#64  
1,3-Dichlorobenzene  
Concen: 25.616 ug/L  
RT: 13.495 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VW030736.D  
Acq: 23 Oct 2024 20:04

Instrument :  
MSVOA\_W  
ClientSampleId :

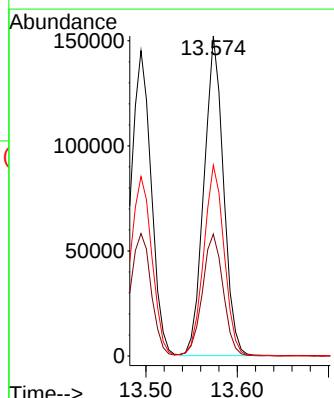
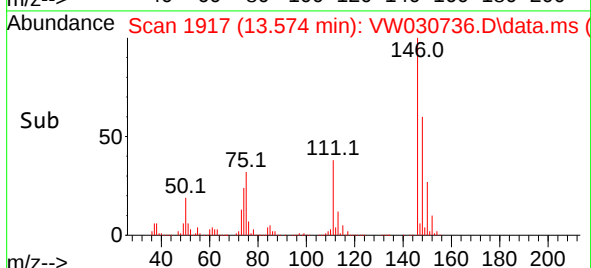
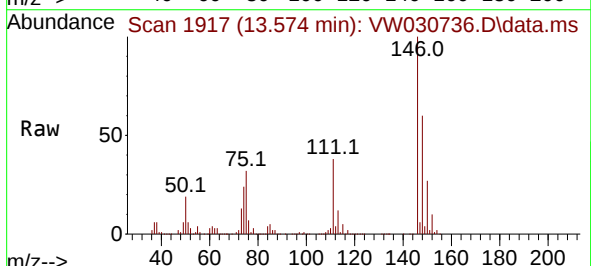


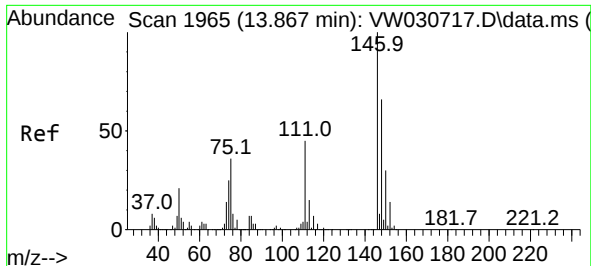
Tgt Ion:146 Resp: 225529  
Ion Ratio Lower Upper  
146 100  
111 40.1 31.2 58.0  
148 58.8 45.7 84.9



#65  
1,4-Dichlorobenzene  
Concen: 24.760 ug/L  
RT: 13.574 min Scan# 1917  
Delta R.T. -0.000 min  
Lab File: VW030736.D  
Acq: 23 Oct 2024 20:04

Tgt Ion:146 Resp: 225084  
Ion Ratio Lower Upper  
146 100  
111 38.1 26.8 49.8  
148 59.7 41.0 76.2





#67

1,2-Dichlorobenzene

Concen: 25.721 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW030736.D

Acq: 23 Oct 2024 20:04

Instrument :

MSVOA\_W

ClientSampleId :

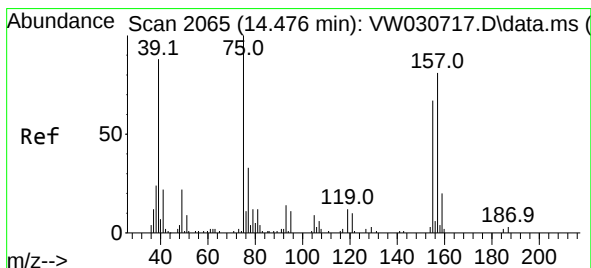
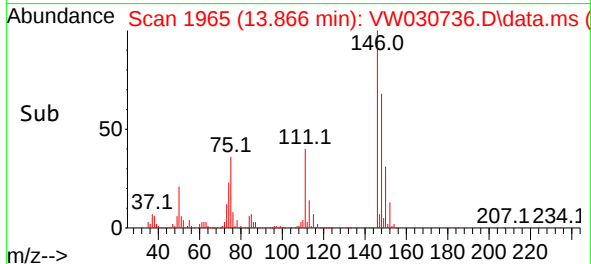
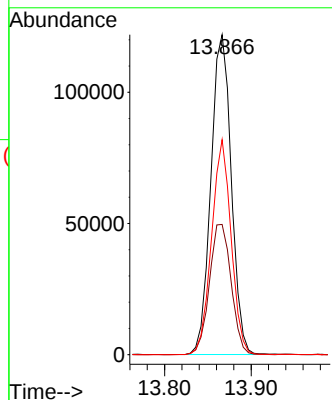
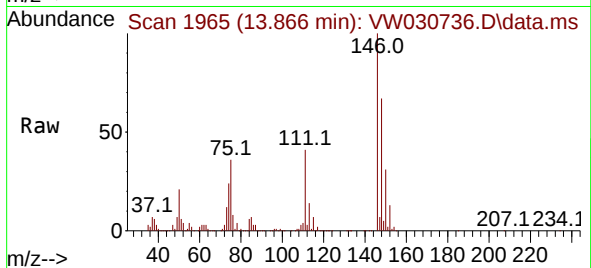
Tgt Ion:146 Resp: 199269

Ion Ratio Lower Upper

146 100

111 40.7 34.6 52.0

148 67.2 53.3 79.9



#68

1,2-Dibromo-3-chloropropane

Concen: 25.434 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW030736.D

Acq: 23 Oct 2024 20:04

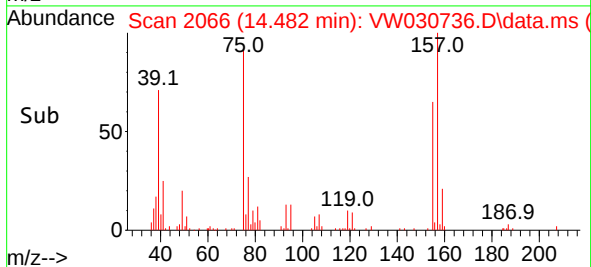
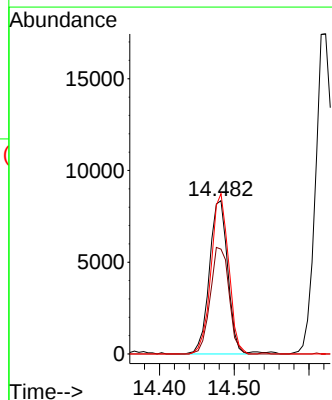
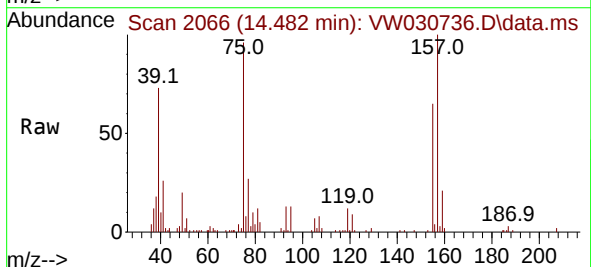
Tgt Ion: 75 Resp: 14413

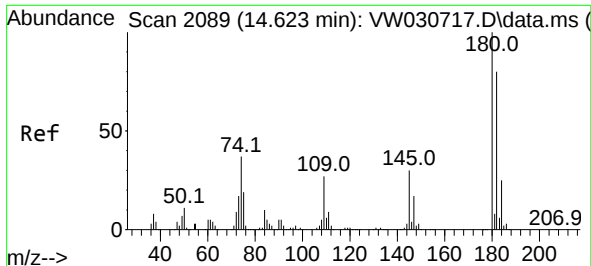
Ion Ratio Lower Upper

75 100

155 68.4 57.9 86.9

157 104.6 69.0 103.6#





#69

1,3,5-Trichlorobenzene

Concen: 23.190 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

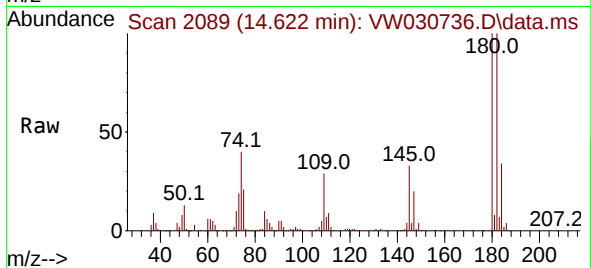
Lab File: VW030736.D

Acq: 23 Oct 2024 20:04

Instrument :

MSVOA\_W

ClientSampleId :



Tgt Ion:180 Resp: 134634

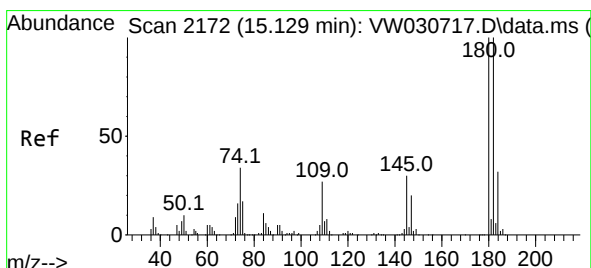
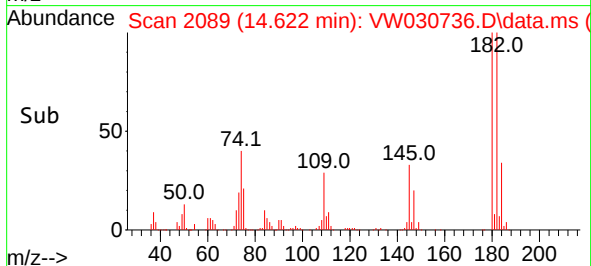
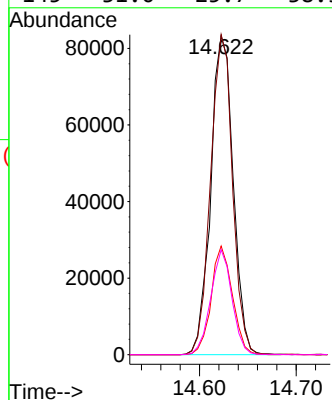
Ion Ratio Lower Upper

180 100

182 97.7 79.9 119.9

184 32.1 25.2 37.8

145 31.0 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 23.616 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW030736.D

Acq: 23 Oct 2024 20:04

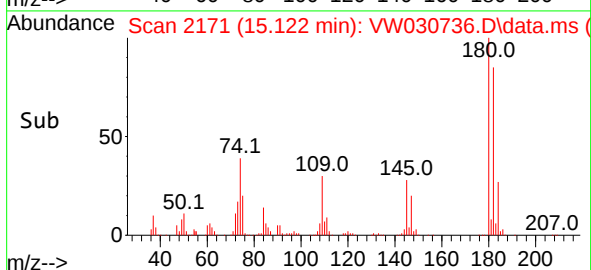
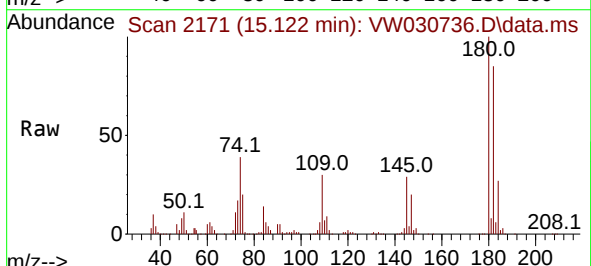
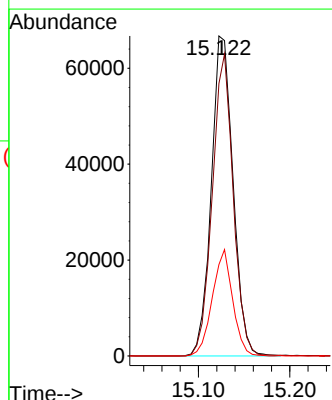
Tgt Ion:180 Resp: 110375

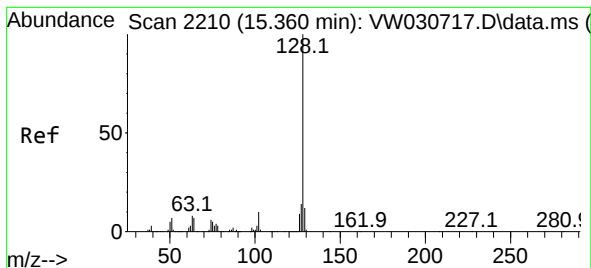
Ion Ratio Lower Upper

180 100

182 90.6 75.2 112.8

145 31.1 25.4 38.2





#71

Naphthalene

Concen: 27.063 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW030736.D

Acq: 23 Oct 2024 20:04

Instrument :

MSVOA\_W

ClientSampleId :

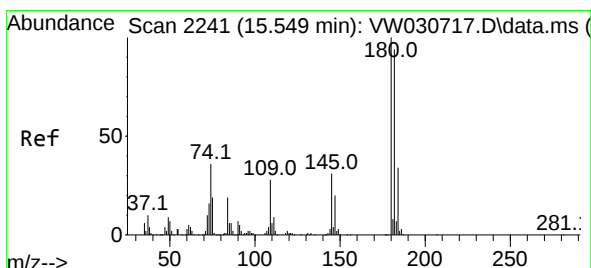
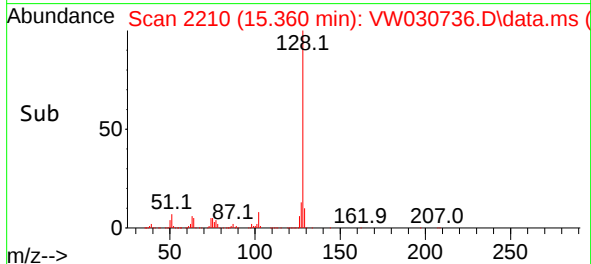
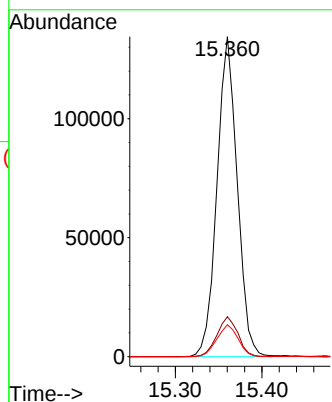
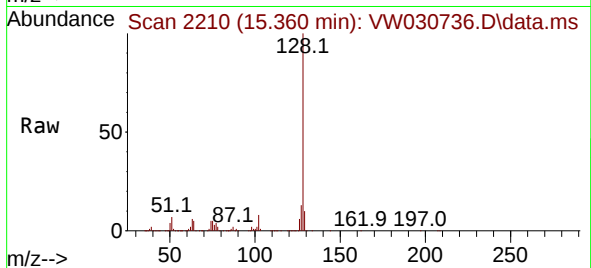
Tgt Ion:128 Resp: 218526

Ion Ratio Lower Upper

128 100

127 13.0 10.9 16.3

129 10.5 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 24.403 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW030736.D

Acq: 23 Oct 2024 20:04

Tgt Ion:180 Resp: 98875

Ion Ratio Lower Upper

180 100

182 91.9 76.2 114.4

145 32.0 27.4 41.2

