

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012825\  
 Data File : VX044752.D  
 Acq On : 28 Jan 2025 18:17  
 Operator : JC/MD  
 Sample : Q1162-04MSD 10X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jan 29 07:42:37 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML012825WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jan 28 12:04:44 2025  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.757   | 114   | 310721   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.049  | 117   | 270769   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.018  | 152   | 115812   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 108627   | 46.443   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 92.880%  |
| 7) Chloroethane-d5            | 1.648   | 69    | 48366    | 54.433   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 108.860% |
| 11) 1,1-Dichloroethene-d2     | 2.294   | 65    | 50680    | 50.692   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 101.380% |
| 21) 2-Butanone-d5             | 4.459   | 46    | 120928   | 120.940  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 120.940% |
| 24) Chloroform-d              | 5.050   | 84    | 205431   | 49.983   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 99.960%  |
| 26) 1,2-Dichloroethane-d4     | 5.952   | 65    | 123015   | 49.865   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 99.720%  |
| 32) Benzene-d6                | 5.964   | 84    | 423828   | 50.060   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 100.120% |
| 36) 1,2-Dichloropropane-d6    | 7.306   | 67    | 134085   | 50.036   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 100.080% |
| 41) Toluene-d8                | 8.647   | 98    | 375965   | 50.174   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 100.340% |
| 43) trans-1,3-Dichloroprop... | 8.946   | 79    | 63505    | 49.959   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 99.920%  |
| 47) 2-Hexanone-d5             | 9.385   | 63    | 83020    | 104.679  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 104.680% |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189  | 84    | 170636   | 51.241   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 102.480% |
| 66) 1,2-Dichlorobenzene-d4    | 12.317  | 152   | 115220   | 50.846   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 101.700% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.167   | 85    | 107621   | 48.430   | ug/L   | 100      |
| 3) Chloromethane              | 1.301   | 50    | 121452   | 44.327   | ug/L   | 99       |
| 5) Vinyl chloride             | 1.374   | 62    | 114262   | 45.410   | ug/L   | 98       |
| 6) Bromomethane               | 1.593   | 94    | 31320    | 45.988   | ug/L   | 94       |
| 8) Chloroethane               | 1.666   | 64    | 52499    | 52.254   | ug/L   | 95       |
| 9) Trichlorofluoromethane     | 1.874   | 101   | 125582   | 44.763   | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.319   | 101   | 97830    | 47.403   | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.307   | 96    | 94724    | 49.186   | ug/L # | 78       |
| 13) Acetone                   | 2.380   | 43    | 102406   | 102.706  | ug/L   | 99       |
| 14) Carbon disulfide          | 2.502   | 76    | 278862   | 47.286   | ug/L   | 100      |
| 15) Methyl Acetate            | 2.703   | 43    | 117707   | 51.015   | ug/L   | 99       |
| 16) Methylene chloride        | 2.782   | 84    | 108620   | 49.313   | ug/L   | 98       |
| 17) trans-1,2-Dichloroethene  | 3.087   | 96    | 96775    | 48.038   | ug/L   | 97       |
| 18) Methyl tert-butyl Ether   | 3.111   | 73    | 339724   | 48.912   | ug/L   | 98       |
| 19) 1,1-Dichloroethane        | 3.599   | 63    | 191404   | 48.591   | ug/L   | 99       |
| 20) cis-1,2-Dichloroethene    | 4.483   | 96    | 115448   | 47.874   | ug/L   | 96       |
| 22) 2-Butanone                | 4.556   | 43    | 161278   | 98.092   | ug/L   | 100      |
| 23) Bromochloromethane        | 4.891   | 128   | 56126    | 47.192   | ug/L   | 98       |
| 25) Chloroform                | 5.087   | 83    | 189854   | 47.505   | ug/L   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012825\  
 Data File : VX044752.D  
 Acq On : 28 Jan 2025 18:17  
 Operator : JC/MD  
 Sample : Q1162-04MSD 10X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

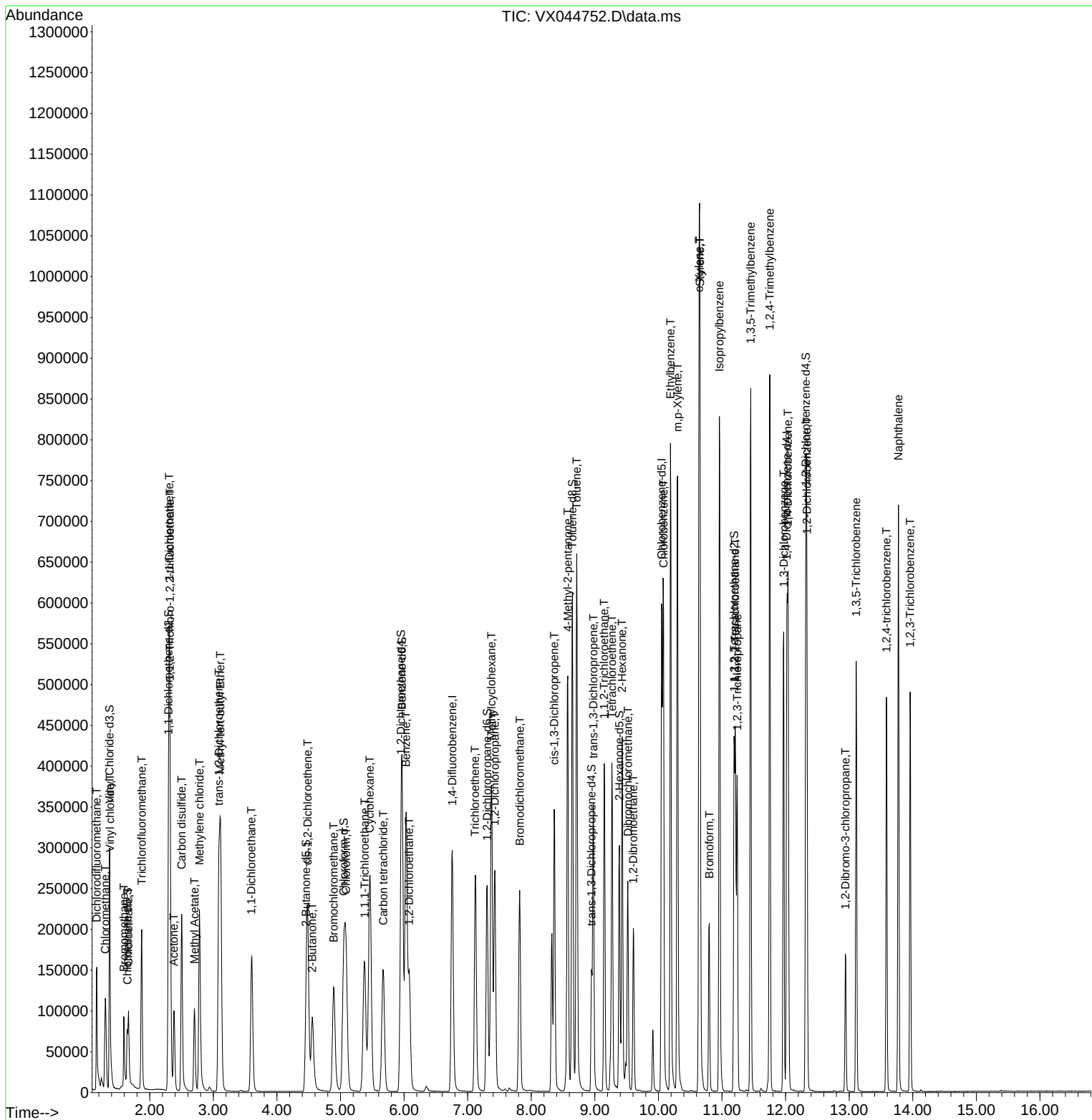
Instrument :  
 MSVOA\_X  
 ClientSampleId :

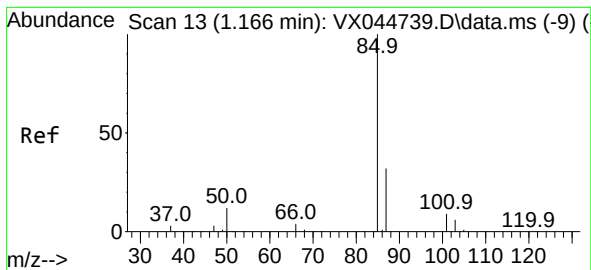
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML012825WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jan 28 12:04:44 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 27) 1,2-Dichloroethane        | 6.080  | 62   | 144864   | 48.315  | ug/L  | 99       |
| 29) Cyclohexane               | 5.458  | 56   | 192324   | 46.270  | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane     | 5.379  | 97   | 162390   | 47.403  | ug/L  | 100      |
| 31) Carbon tetrachloride      | 5.672  | 117  | 137899   | 46.939  | ug/L  | 100      |
| 33) Benzene                   | 6.032  | 78   | 427372   | 47.893  | ug/L  | 100      |
| 34) Trichloroethene           | 7.117  | 95   | 107949   | 47.538  | ug/L  | 97       |
| 35) Methylcyclohexane         | 7.373  | 83   | 183076   | 47.126  | ug/L  | 98       |
| 37) 1,2-Dichloropropane       | 7.428  | 63   | 114038   | 47.247  | ug/L  | 99       |
| 38) Bromodichloromethane      | 7.818  | 83   | 145221   | 47.940  | ug/L  | 98       |
| 39) cis-1,3-Dichloropropene   | 8.360  | 75   | 182940   | 46.686  | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 8.574  | 43   | 326231   | 102.243 | ug/L  | 98       |
| 42) Toluene                   | 8.714  | 91   | 442586   | 48.343  | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 8.976  | 75   | 167338   | 47.702  | ug/L  | 98       |
| 45) 1,1,2-Trichloroethane     | 9.147  | 97   | 109622   | 48.658  | ug/L  | 98       |
| 46) Tetrachloroethene         | 9.269  | 164  | 75287    | 46.688  | ug/L  | 98       |
| 48) 2-Hexanone                | 9.427  | 43   | 217331   | 95.058  | ug/L  | 96       |
| 49) Dibromochloromethane      | 9.519  | 129  | 108707   | 47.844  | ug/L  | 99       |
| 50) 1,2-Dibromoethane         | 9.604  | 107  | 113434   | 48.040  | ug/L  | 99       |
| 51) Chlorobenzene             | 10.080 | 112  | 274155   | 47.969  | ug/L  | 96       |
| 52) Ethylbenzene              | 10.189 | 91   | 479928   | 47.958  | ug/L  | 100      |
| 53) m,p-Xylene                | 10.299 | 106  | 180378   | 48.012  | ug/L  | 96       |
| 54) o-Xylene                  | 10.640 | 106  | 177223   | 47.857  | ug/L  | 97       |
| 55) Styrene                   | 10.653 | 104  | 295622   | 48.369  | ug/L  | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 11.207 | 83   | 165927   | 47.469  | ug/L  | 99       |
| 59) Bromoform                 | 10.799 | 173  | 74461    | 48.604  | ug/L  | 99       |
| 60) Isopropylbenzene          | 10.957 | 105  | 461508   | 49.619  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 11.238 | 75   | 124665   | 48.757  | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 376929   | 49.399  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 369564   | 48.901  | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.970 | 146  | 180205   | 47.130  | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 12.037 | 146  | 178430   | 46.882  | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 12.335 | 146  | 182241   | 48.074  | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.939 | 75   | 33771    | 48.473  | ug/L  | 91       |
| 69) 1,3,5-Trichlorobenzene    | 13.110 | 180  | 116579   | 46.530  | ug/L  | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.585 | 180  | 107089   | 47.410  | ug/L  | 98       |
| 71) Naphthalene               | 13.774 | 128  | 426342   | 48.668  | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 107811   | 47.070  | ug/L  | 98       |

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML012825WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Jan 28 12:04:44 2025  
Response via : Initial Calibration

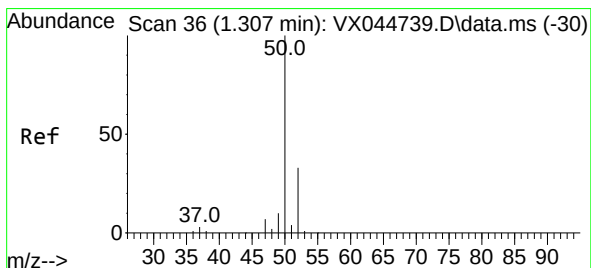
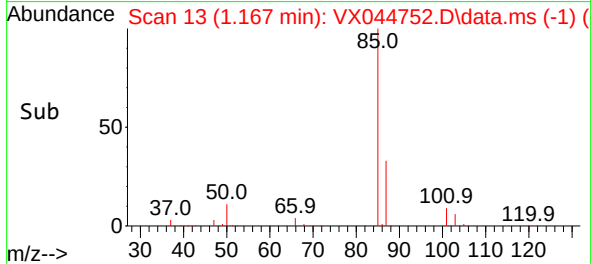
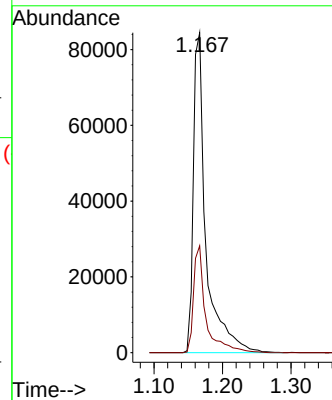
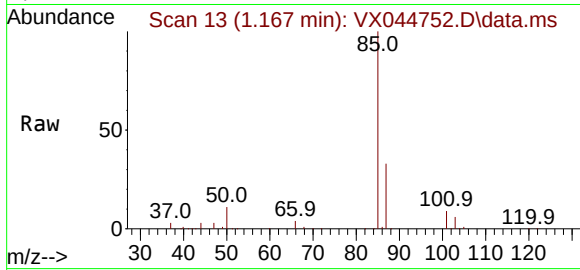




#2  
Dichlorodifluoromethane  
Concen: 48.430 ug/L  
RT: 1.167 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VX044752.D  
Acq: 28 Jan 2025 18:17

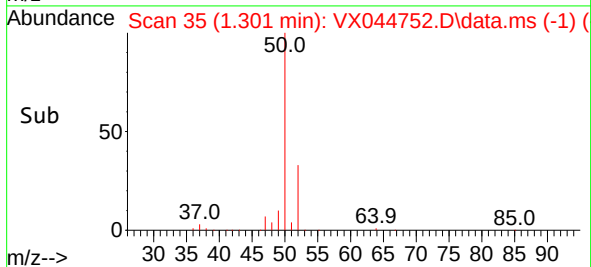
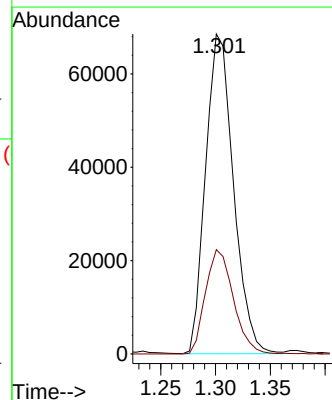
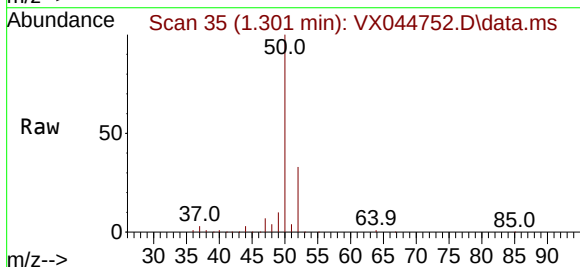
Instrument :  
MSVOA\_X  
ClientSampleId :

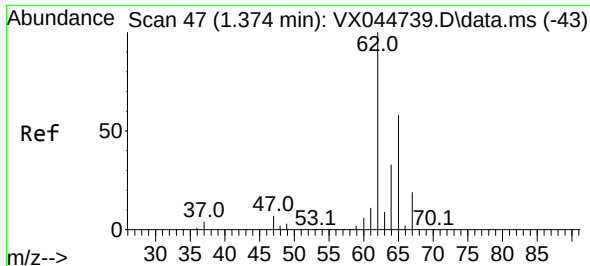
Tgt Ion: 85 Resp: 107621  
Ion Ratio Lower Upper  
85 100  
87 32.5 25.9 38.9



#3  
Chloromethane  
Concen: 44.327 ug/L  
RT: 1.301 min Scan# 35  
Delta R.T. -0.006 min  
Lab File: VX044752.D  
Acq: 28 Jan 2025 18:17

Tgt Ion: 50 Resp: 121452  
Ion Ratio Lower Upper  
50 100  
52 32.6 23.3 43.3

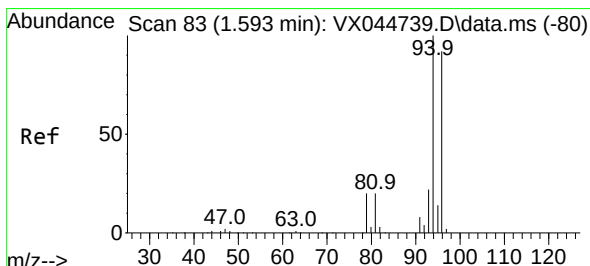
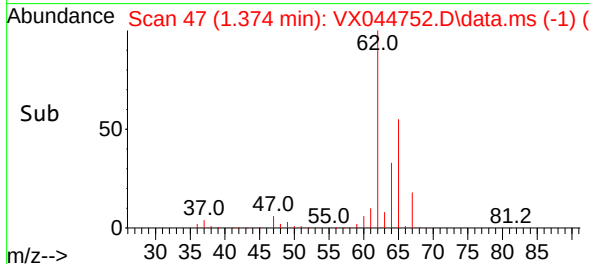
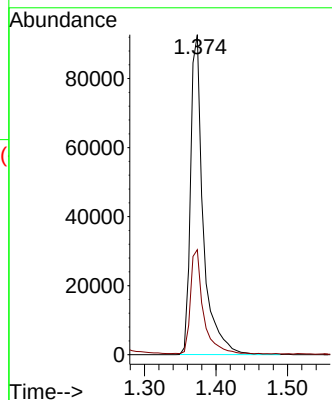
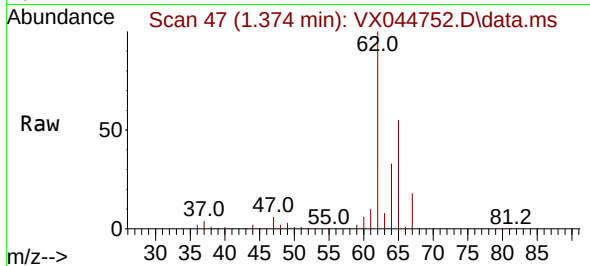




#5  
 Vinyl chloride  
 Concen: 45.410 ug/L  
 RT: 1.374 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VX044752.D  
 Acq: 28 Jan 2025 18:17

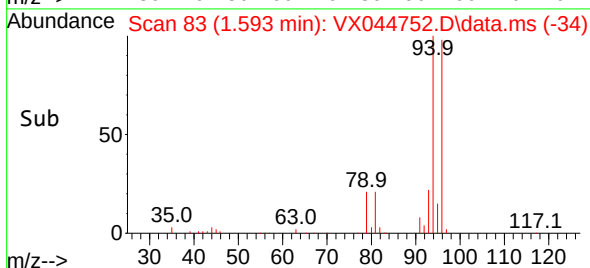
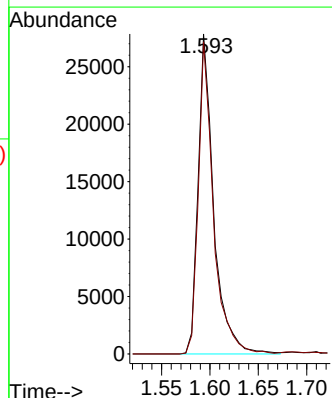
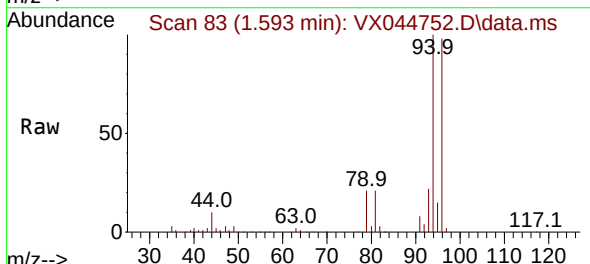
Instrument :  
 MSVOA\_X  
 ClientSampleId :

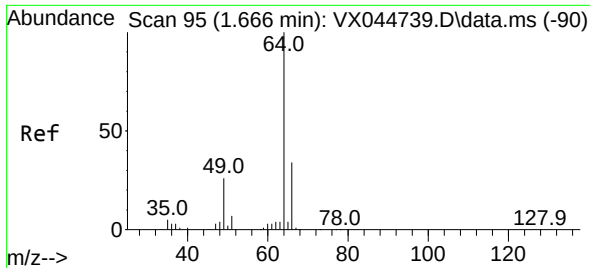
Tgt Ion: 62 Resp: 114262  
 Ion Ratio Lower Upper  
 62 100  
 64 32.8 23.7 44.1



#6  
 Bromomethane  
 Concen: 45.988 ug/L  
 RT: 1.593 min Scan# 83  
 Delta R.T. 0.000 min  
 Lab File: VX044752.D  
 Acq: 28 Jan 2025 18:17

Tgt Ion: 94 Resp: 31320  
 Ion Ratio Lower Upper  
 94 100  
 96 97.6 64.3 119.3

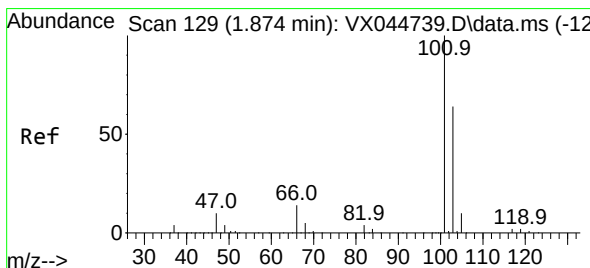
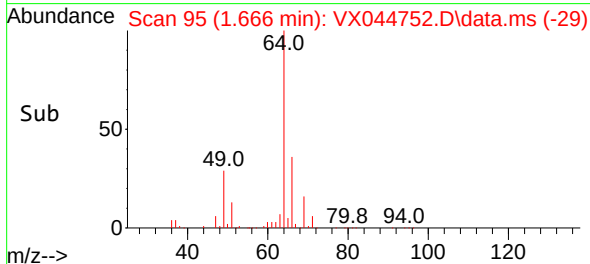
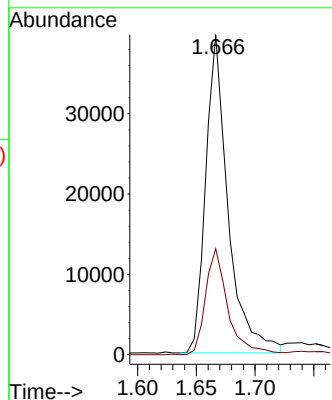
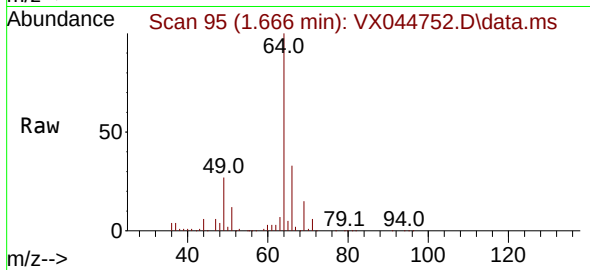




#8  
Chloroethane  
Concen: 52.254 ug/L  
RT: 1.666 min Scan# 95  
Delta R.T. 0.000 min  
Lab File: VX044752.D  
Acq: 28 Jan 2025 18:17

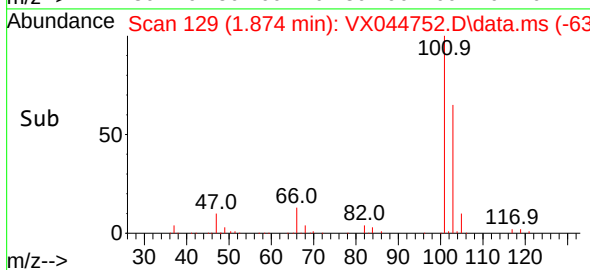
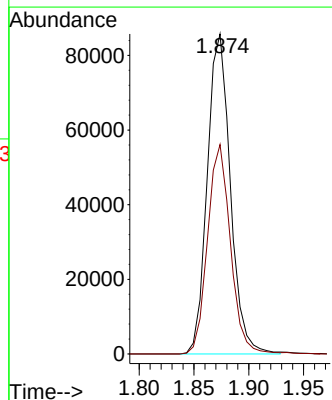
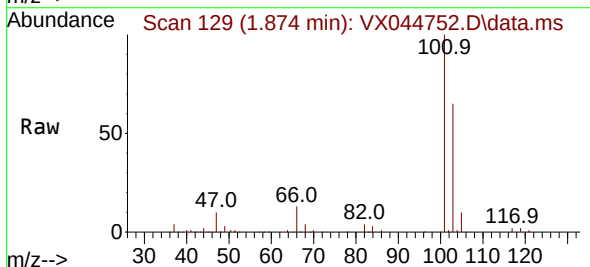
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MSVOA\_X  
ClientSampleId :

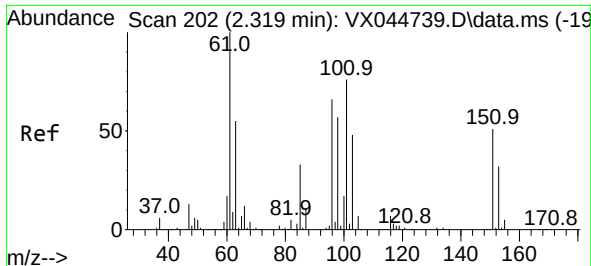
Tgt Ion: 64 Resp: 52499  
Ion Ratio Lower Upper  
64 100  
66 33.1 21.4 39.8



#9  
Trichlorofluoromethane  
Concen: 44.763 ug/L  
RT: 1.874 min Scan# 129  
Delta R.T. 0.000 min  
Lab File: VX044752.D  
Acq: 28 Jan 2025 18:17

Tgt Ion: 101 Resp: 125582  
Ion Ratio Lower Upper  
101 100  
103 64.8 52.2 78.2

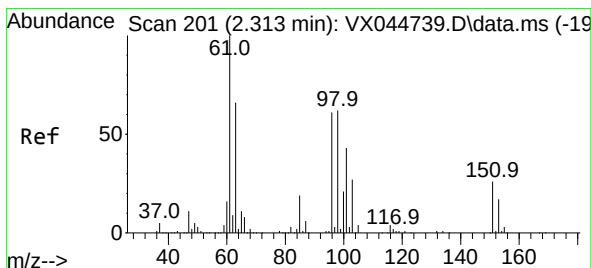
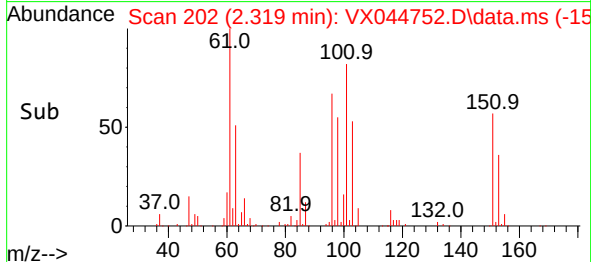
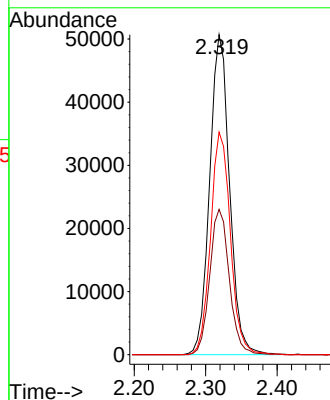
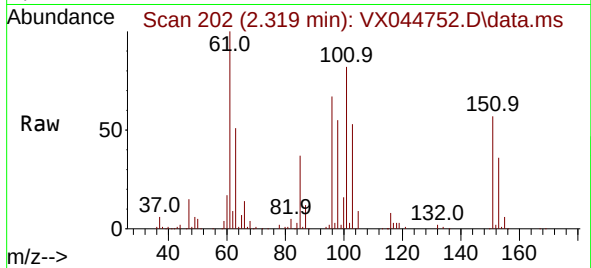




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 47.403 ug/L  
 RT: 2.319 min Scan# 202  
 Delta R.T. -0.000 min  
 Lab File: VX044752.D  
 Acq: 28 Jan 2025 18:17

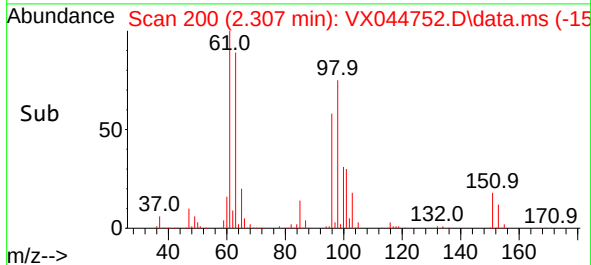
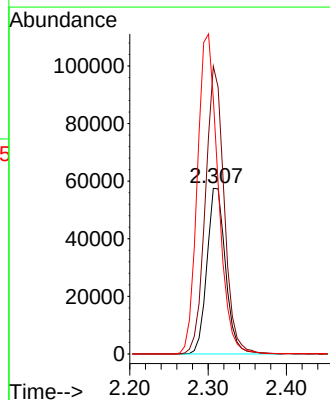
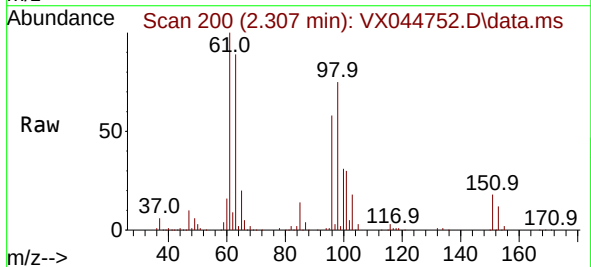
Instrument :  
 MSVOA\_X  
 ClientSampleId :

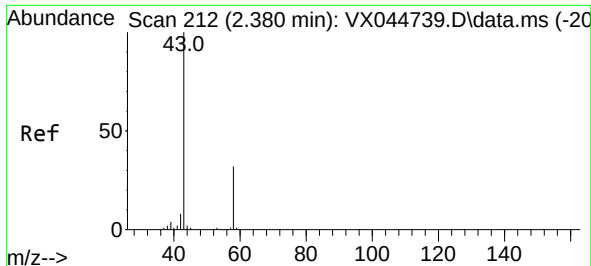
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 Ion Ratio Lower Upper  
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 151 69.6 57.0 85.4



#12  
 1,1-Dichloroethene  
 Concen: 49.186 ug/L  
 RT: 2.307 min Scan# 200  
 Delta R.T. -0.006 min  
 Lab File: VX044752.D  
 Acq: 28 Jan 2025 18:17

Tgt Ion: 96 Resp: 94724  
 Ion Ratio Lower Upper  
 96 100  
 61 173.6 115.1 213.8  
 63 154.1 74.1 137.5#

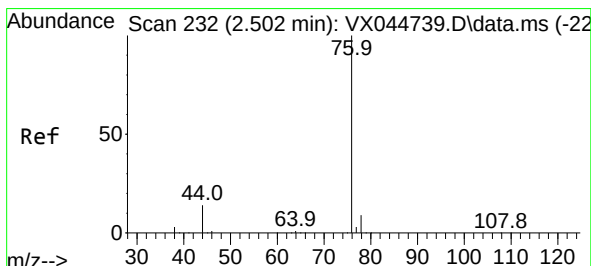
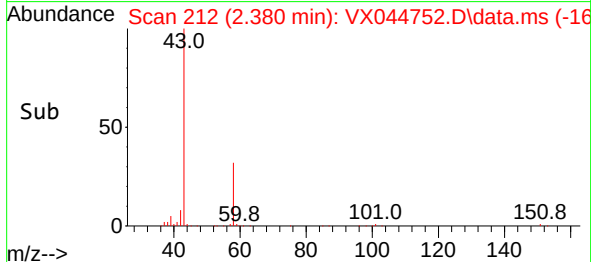
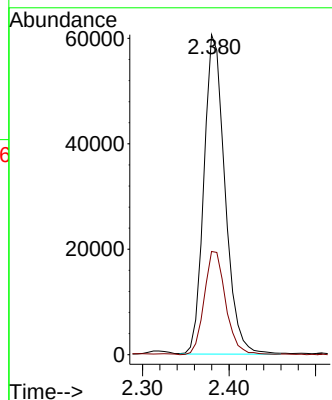
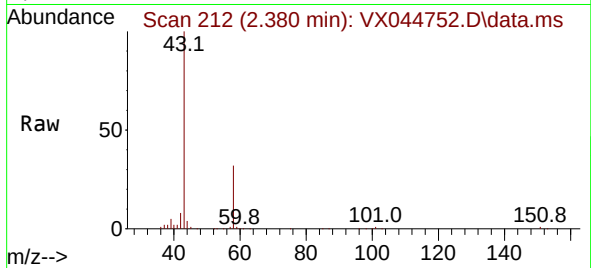




#13  
Acetone  
Concen: 102.706 ug/L  
RT: 2.380 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VX044752.D  
Acq: 28 Jan 2025 18:17

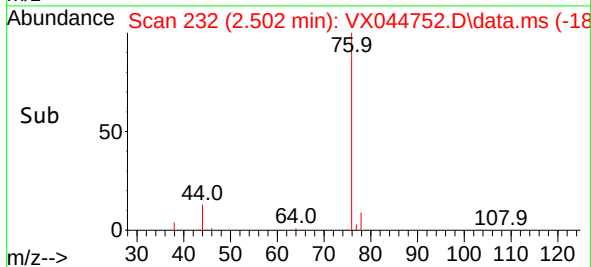
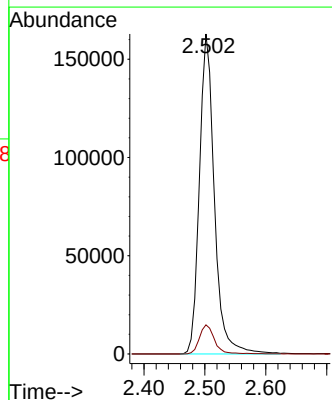
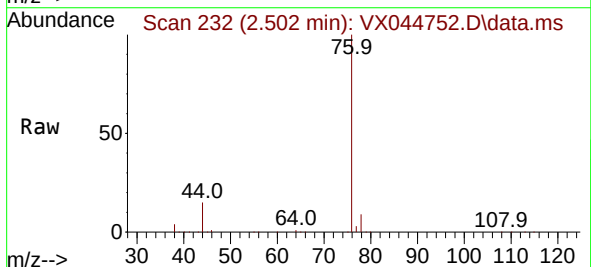
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 43 Resp: 102406  
Ion Ratio Lower Upper  
43 100  
58 32.9 0.0 64.6

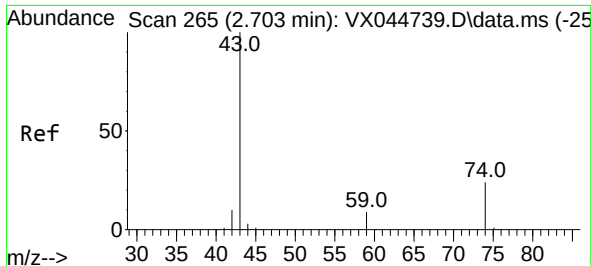


#14  
Carbon disulfide  
Concen: 47.286 ug/L  
RT: 2.502 min Scan# 232  
Delta R.T. 0.000 min  
Lab File: VX044752.D  
Acq: 28 Jan 2025 18:17

Tgt Ion: 76 Resp: 278862  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.2 10.8



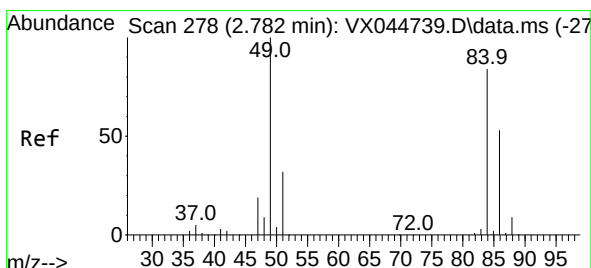
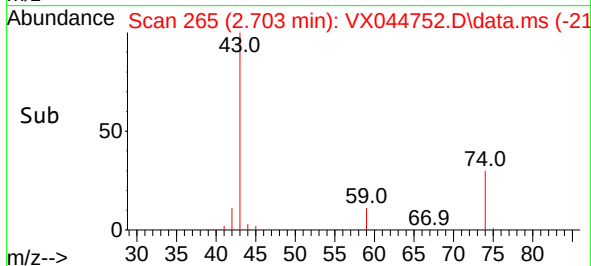
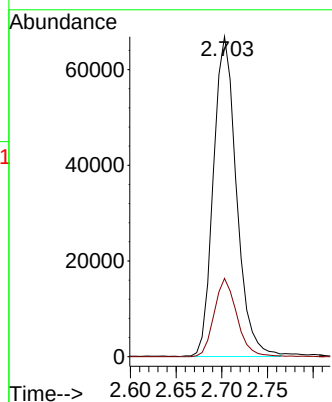
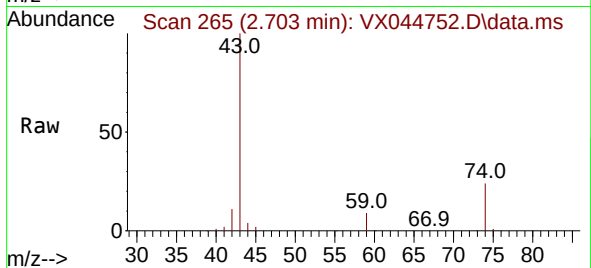




#15  
Methyl Acetate  
Concen: 51.015 ug/L  
RT: 2.703 min Scan# 265  
Delta R.T. 0.000 min  
Lab File: VX044752.D  
Acq: 28 Jan 2025 18:17

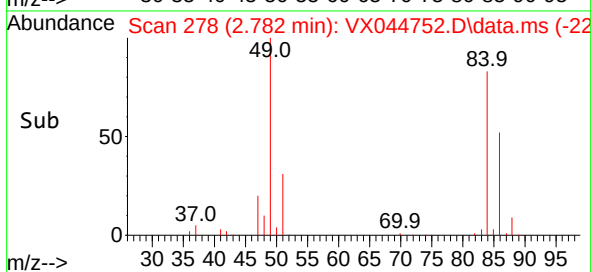
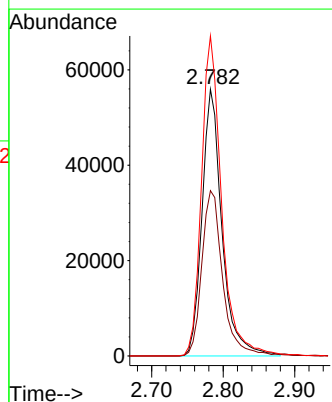
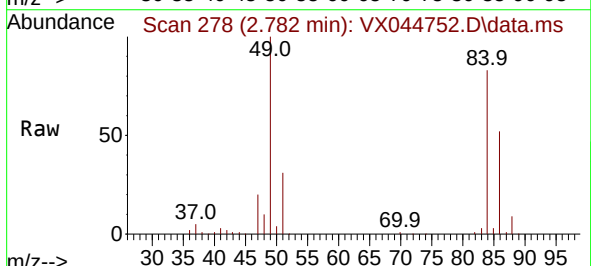
Instrument :  
MSVOA\_X  
ClientSampleId :

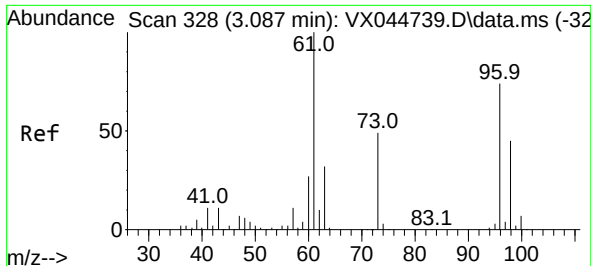
Tgt Ion: 43 Resp: 117707  
Ion Ratio Lower Upper  
43 100  
74 24.0 19.7 29.5



#16  
Methylene chloride  
Concen: 49.313 ug/L  
RT: 2.782 min Scan# 278  
Delta R.T. 0.000 min  
Lab File: VX044752.D  
Acq: 28 Jan 2025 18:17

Tgt Ion: 84 Resp: 108620  
Ion Ratio Lower Upper  
84 100  
86 62.0 45.6 84.8  
49 120.0 84.6 157.0

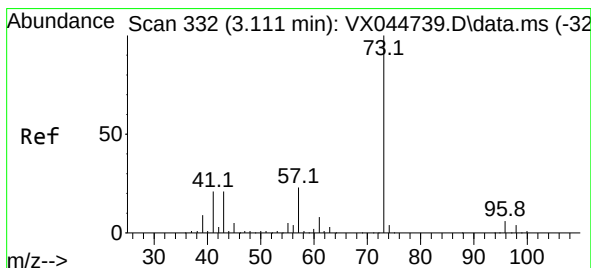
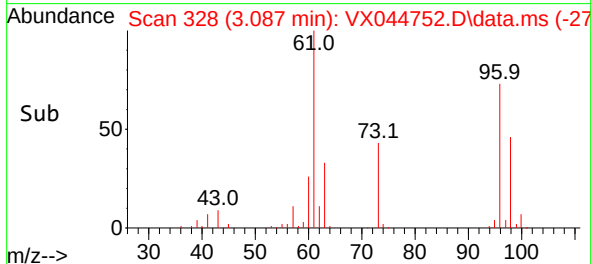
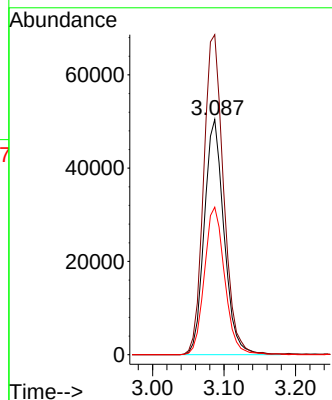
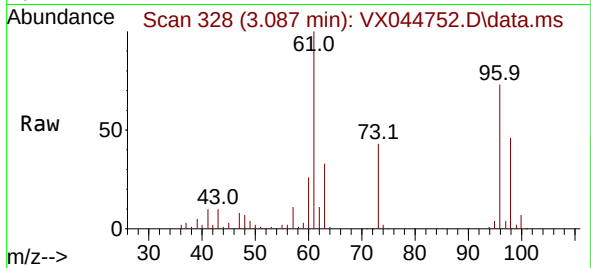




#17  
trans-1,2-Dichloroethene  
Concen: 48.038 ug/L  
RT: 3.087 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX044752.D  
Acq: 28 Jan 2025 18:17

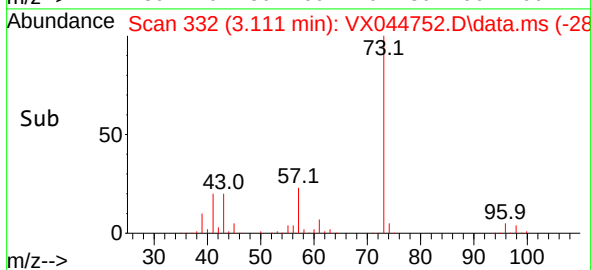
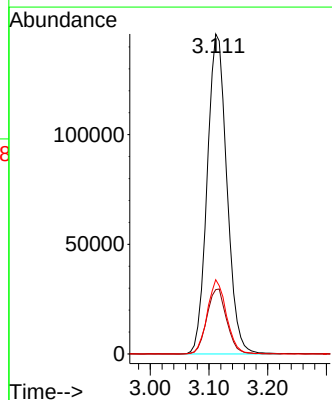
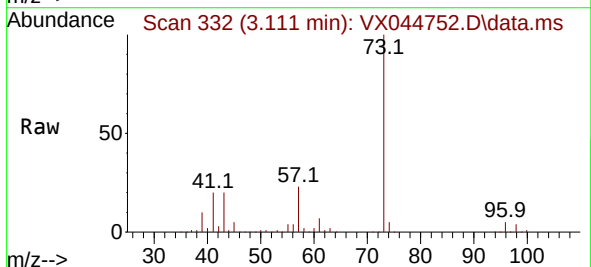
Instrument :  
MSVOA\_X  
ClientSampled :

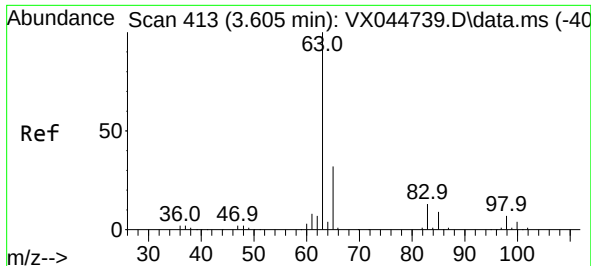
Tgt Ion: 96 Resp: 96775  
Ion Ratio Lower Upper  
96 100  
61 136.1 98.3 182.7  
98 62.7 44.1 81.9



#18  
Methyl tert-butyl Ether  
Concen: 48.912 ug/L  
RT: 3.111 min Scan# 332  
Delta R.T. 0.000 min  
Lab File: VX044752.D  
Acq: 28 Jan 2025 18:17

Tgt Ion: 73 Resp: 339724  
Ion Ratio Lower Upper  
73 100  
43 20.5 16.9 25.3  
57 22.5 17.4 26.0





#19

1,1-Dichloroethane

Concen: 48.591 ug/L

RT: 3.599 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX044752.D

Acq: 28 Jan 2025 18:17

Instrument :

MSVOA\_X

ClientSampleId :

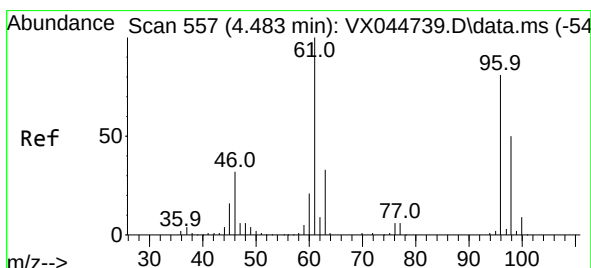
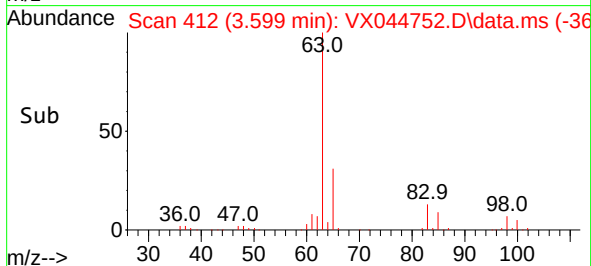
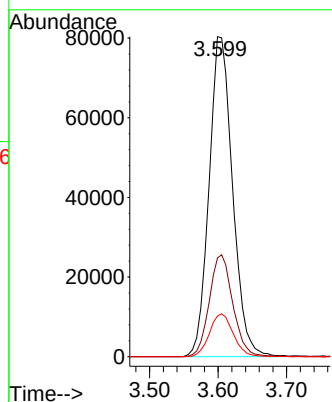
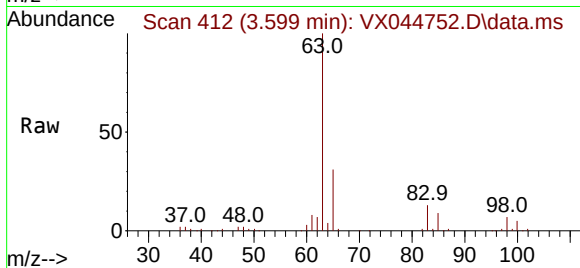
Tgt Ion: 63 Resp: 191404

Ion Ratio Lower Upper

63 100

65 30.8 21.8 40.6

83 12.7 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 47.874 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX044752.D

Acq: 28 Jan 2025 18:17

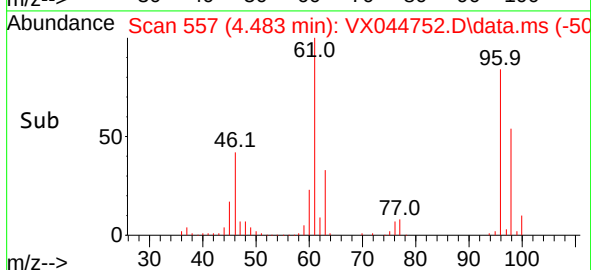
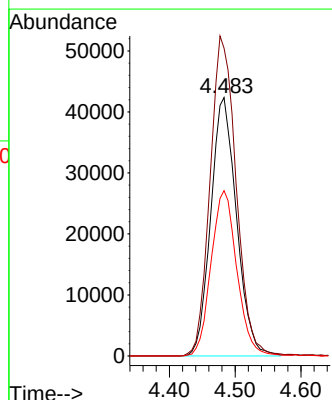
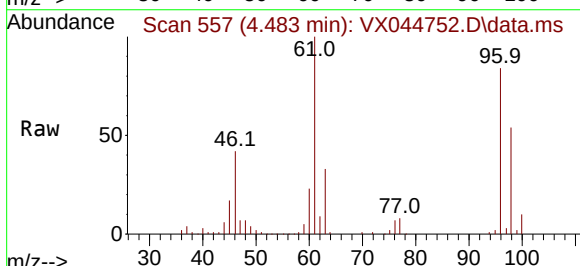
Tgt Ion: 96 Resp: 115448

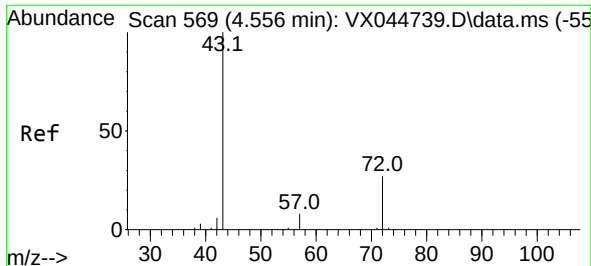
Ion Ratio Lower Upper

96 100

61 119.1 88.3 163.9

98 63.9 44.6 82.8

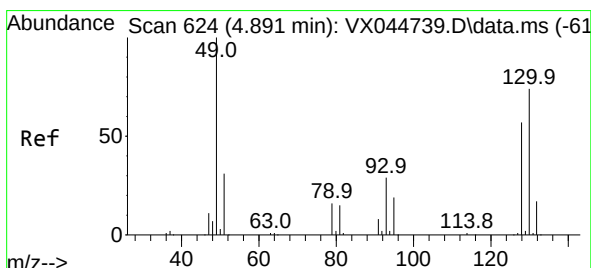
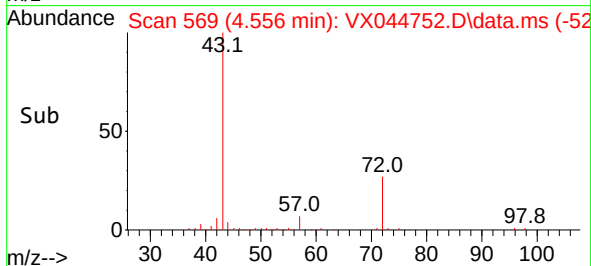
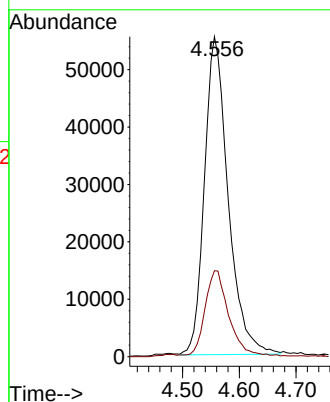
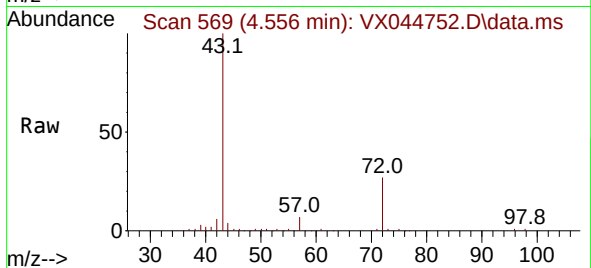




#22  
2-Butanone  
Concen: 98.092 ug/L  
RT: 4.556 min Scan# 569  
Delta R.T. 0.000 min  
Lab File: VX044752.D  
Acq: 28 Jan 2025 18:17

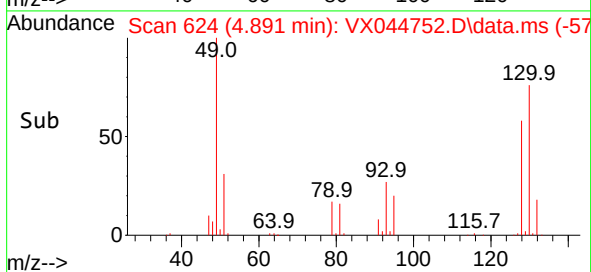
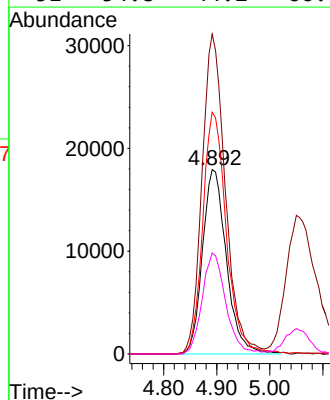
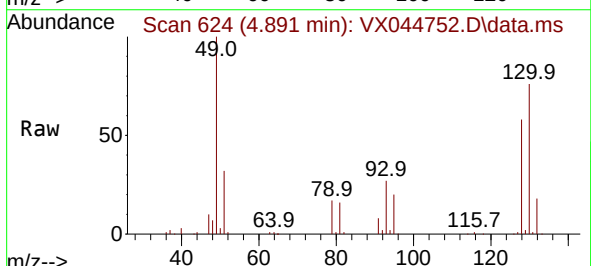
Instrument :  
MSVOA\_X  
ClientSampleId :

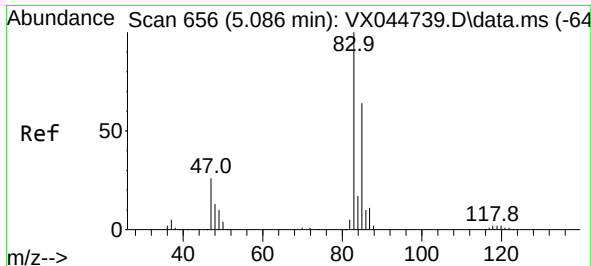
Tgt Ion: 43 Resp: 161278  
Ion Ratio Lower Upper  
43 100  
72 26.8 13.4 40.2



#23  
Bromochloromethane  
Concen: 47.192 ug/L  
RT: 4.891 min Scan# 624  
Delta R.T. 0.000 min  
Lab File: VX044752.D  
Acq: 28 Jan 2025 18:17

Tgt Ion:128 Resp: 56126  
Ion Ratio Lower Upper  
128 100  
49 173.7 117.6 218.4  
130 131.2 92.0 170.9  
51 54.8 44.2 66.4

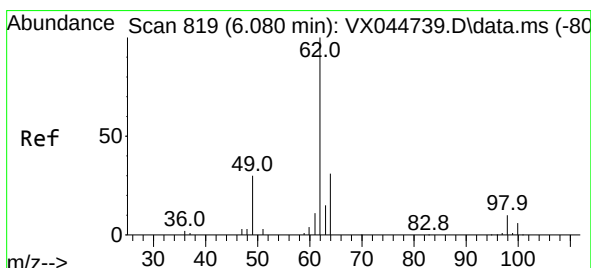
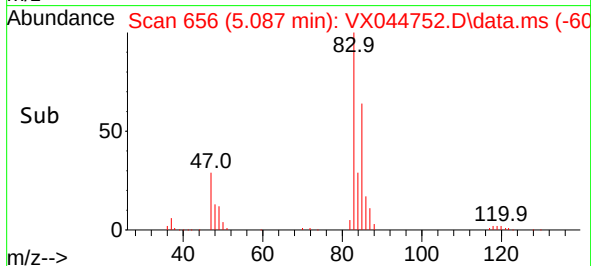
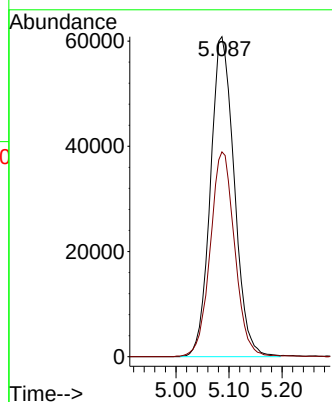
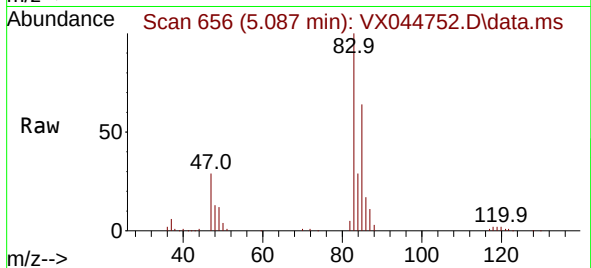




#25  
Chloroform  
Concen: 47.505 ug/L  
RT: 5.087 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX044752.D  
Acq: 28 Jan 2025 18:17

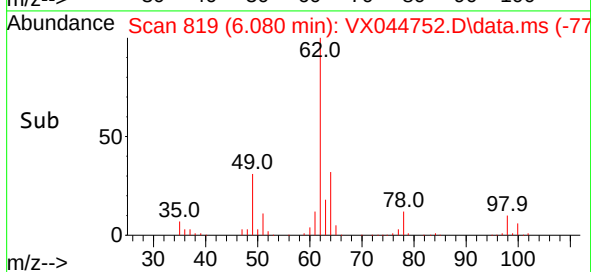
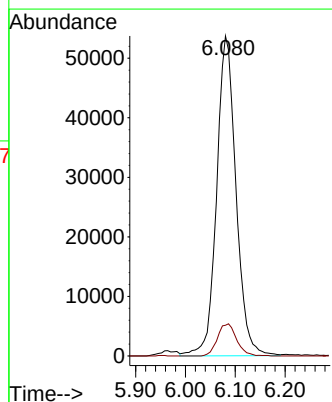
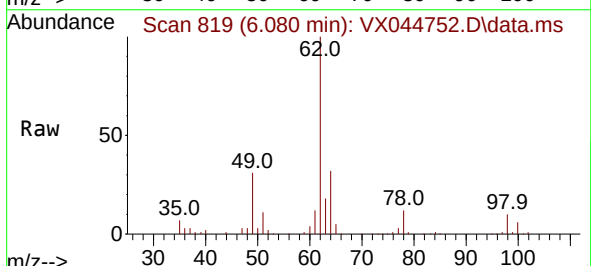
Instrument :  
MSVOA\_X  
ClientSampleId :

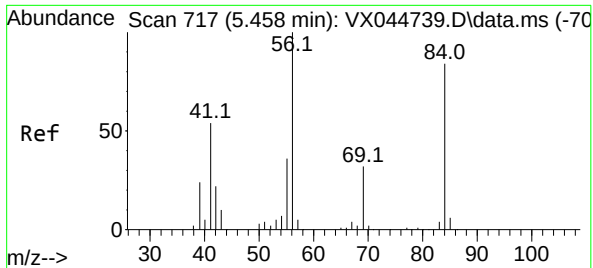
Tgt Ion: 83 Resp: 189854  
Ion Ratio Lower Upper  
83 100  
85 64.0 45.4 84.2



#27  
1,2-Dichloroethane  
Concen: 48.315 ug/L  
RT: 6.080 min Scan# 819  
Delta R.T. 0.000 min  
Lab File: VX044752.D  
Acq: 28 Jan 2025 18:17

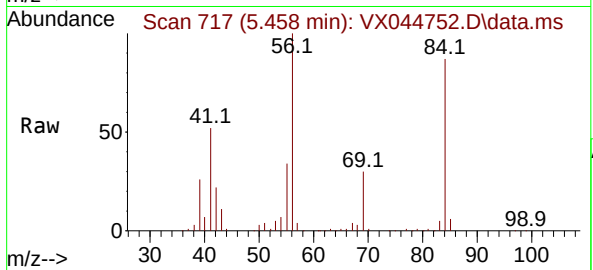
Tgt Ion: 62 Resp: 144864  
Ion Ratio Lower Upper  
62 100  
98 9.6 7.4 11.2



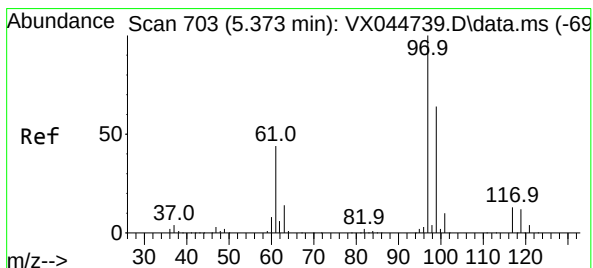
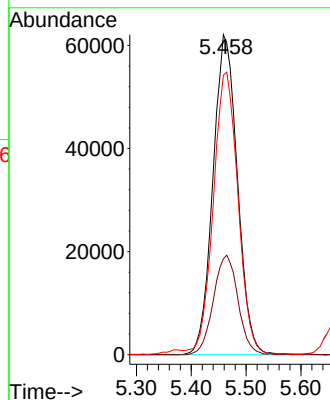
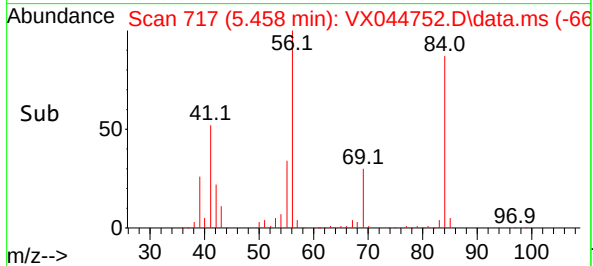


#29  
Cyclohexane  
Concen: 46.270 ug/L  
RT: 5.458 min Scan# 717  
Delta R.T. 0.000 min  
Lab File: VX044752.D  
Acq: 28 Jan 2025 18:17

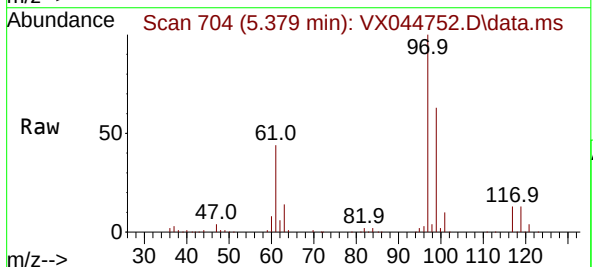
Instrument :  
MSVOA\_X  
ClientSampleId :



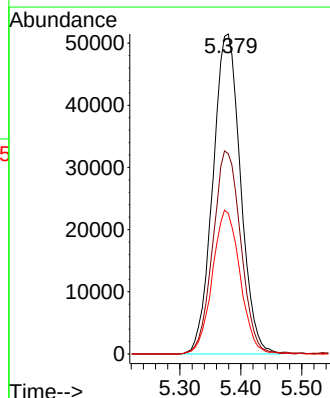
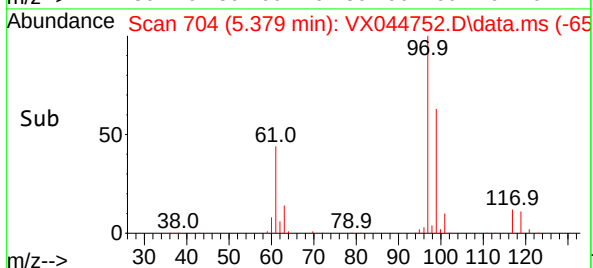
Tgt Ion: 56 Resp: 192324  
Ion Ratio Lower Upper  
56 100  
69 31.2 25.4 38.2  
84 88.8 71.6 107.4

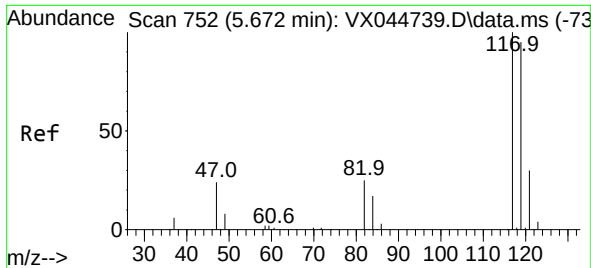


#30  
1,1,1-Trichloroethane  
Concen: 47.403 ug/L  
RT: 5.379 min Scan# 704  
Delta R.T. 0.006 min  
Lab File: VX044752.D  
Acq: 28 Jan 2025 18:17



Tgt Ion: 97 Resp: 162390  
Ion Ratio Lower Upper  
97 100  
99 63.9 51.0 76.4  
61 44.8 35.8 53.6

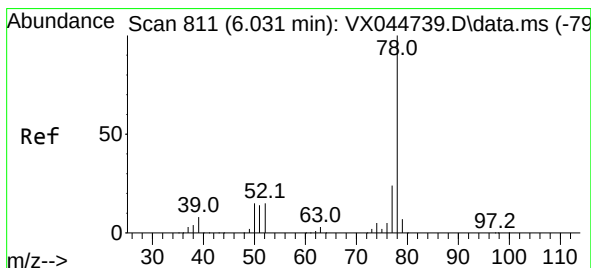
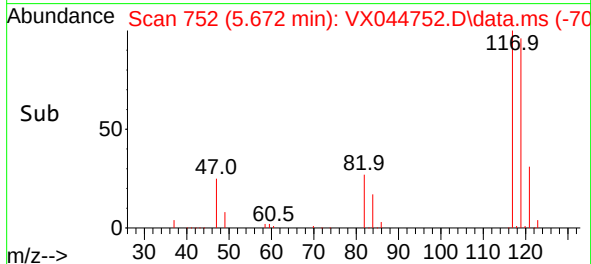
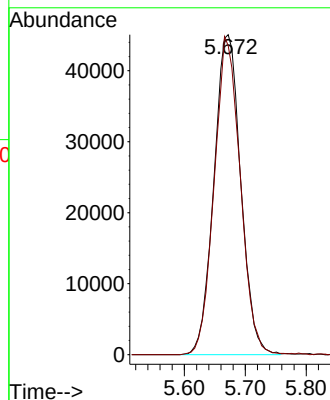
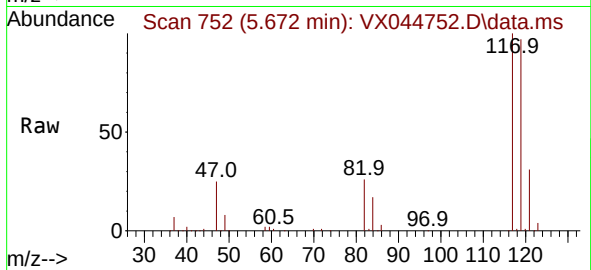




#31  
Carbon tetrachloride  
Concen: 46.939 ug/L  
RT: 5.672 min Scan# 752  
Delta R.T. -0.000 min  
Lab File: VX044752.D  
Acq: 28 Jan 2025 18:17

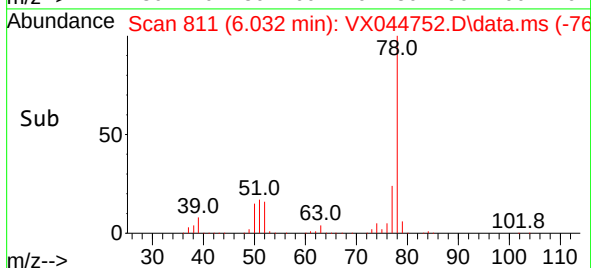
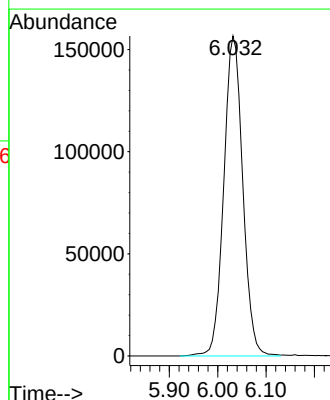
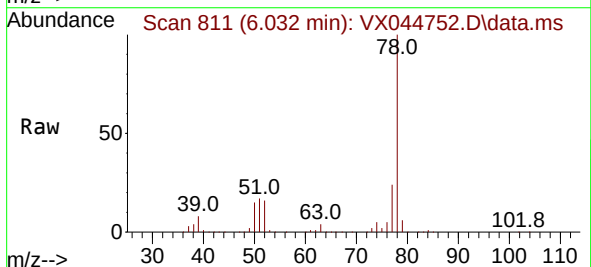
Instrument :  
MSVOA\_X  
ClientSampleId :

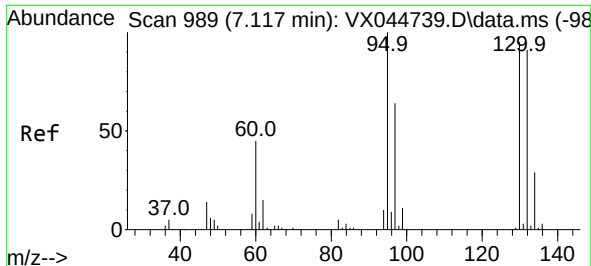
Tgt Ion:117 Resp: 137899  
Ion Ratio Lower Upper  
117 100  
119 96.4 77.1 115.7



#33  
Benzene  
Concen: 47.893 ug/L  
RT: 6.032 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: VX044752.D  
Acq: 28 Jan 2025 18:17

Tgt Ion: 78 Resp: 427372





#34

Trichloroethene

Concen: 47.538 ug/L

RT: 7.117 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX044752.D

Acq: 28 Jan 2025 18:17

Instrument :

MSVOA\_X

ClientSampleId :

Tgt Ion: 95 Resp: 107949

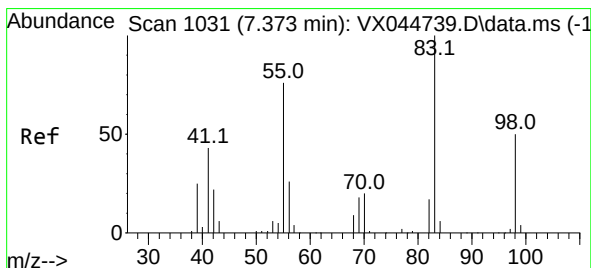
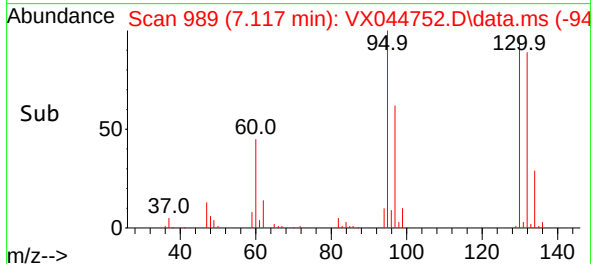
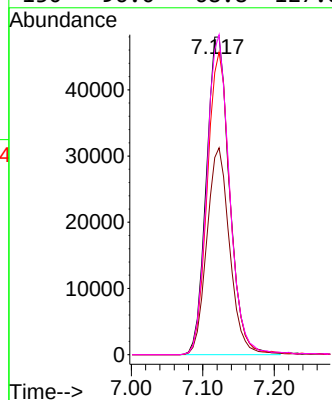
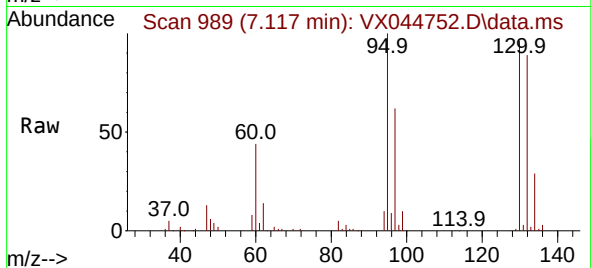
Ion Ratio Lower Upper

95 100

97 62.1 46.1 85.5

132 88.8 64.5 119.9

130 96.0 68.8 127.8



#35

Methylcyclohexane

Concen: 47.126 ug/L

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX044752.D

Acq: 28 Jan 2025 18:17

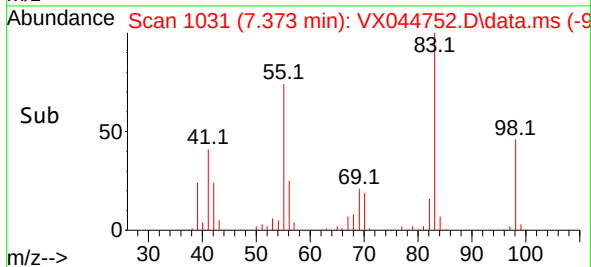
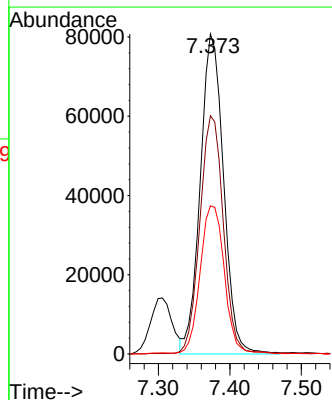
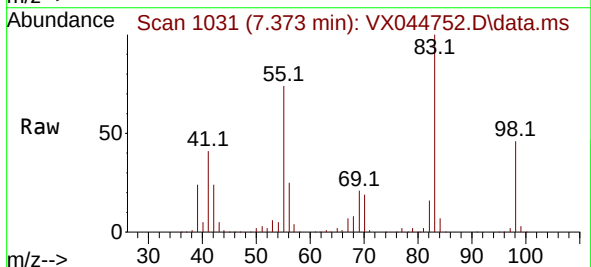
Tgt Ion: 83 Resp: 183076

Ion Ratio Lower Upper

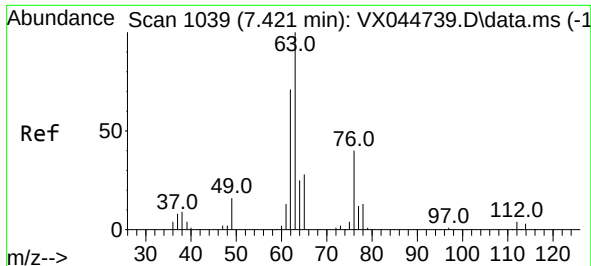
83 100

55 74.7 60.6 90.8

98 47.2 38.9 58.3







#37

1,2-Dichloropropane

Concen: 47.247 ug/L

RT: 7.428 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VX044752.D

Acq: 28 Jan 2025 18:17

Instrument :

MSVOA\_X

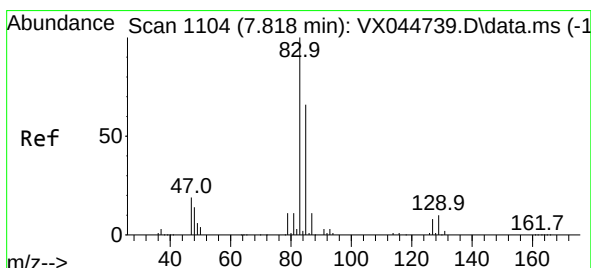
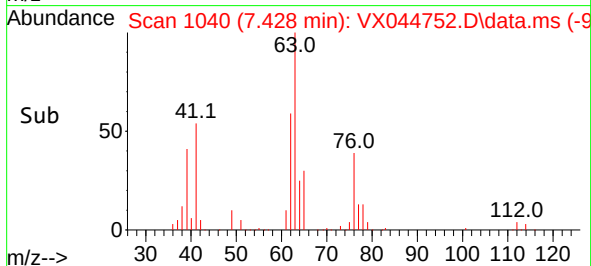
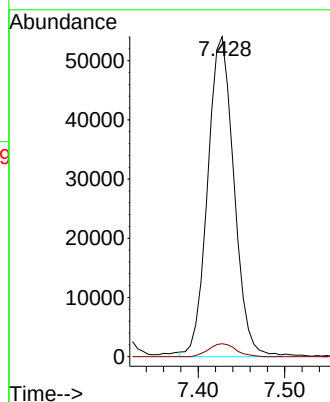
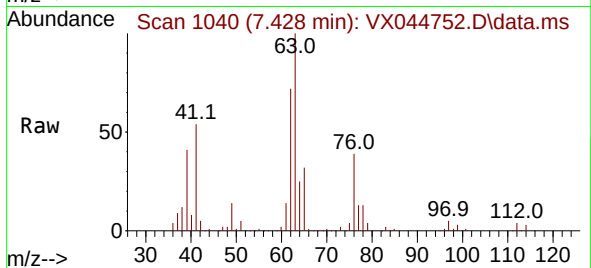
ClientSampleId :

Tgt Ion: 63 Resp: 114038

Ion Ratio Lower Upper

63 100

112 4.2 3.5 5.3



#38

Bromodichloromethane

Concen: 47.940 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX044752.D

Acq: 28 Jan 2025 18:17

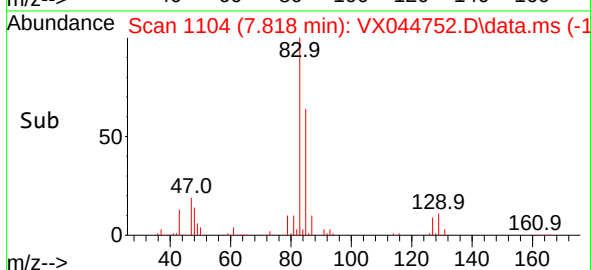
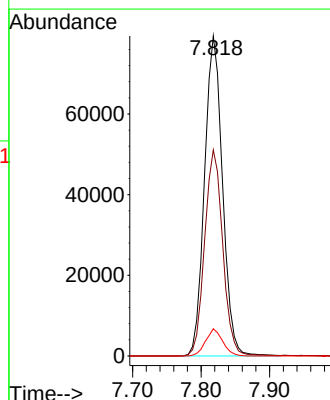
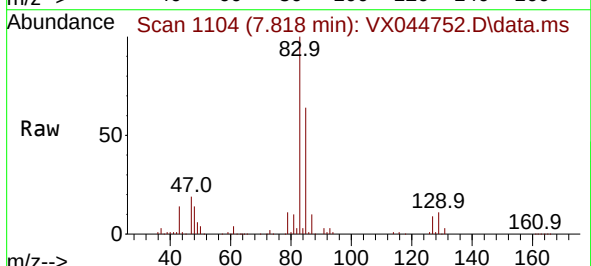
Tgt Ion: 83 Resp: 145221

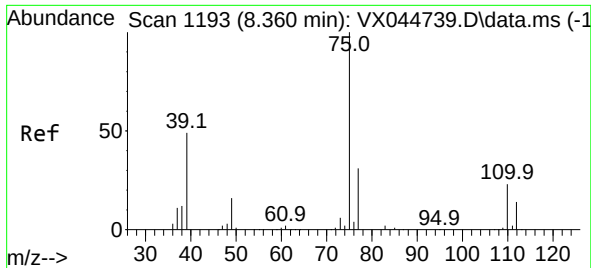
Ion Ratio Lower Upper

83 100

85 64.4 43.8 81.3

127 8.5 6.5 9.7

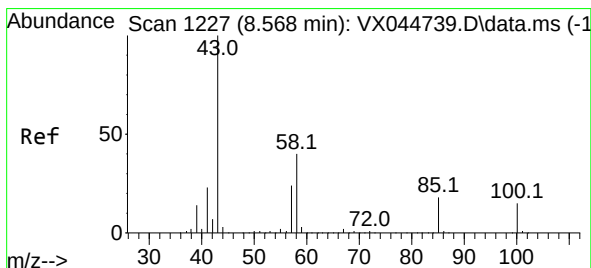
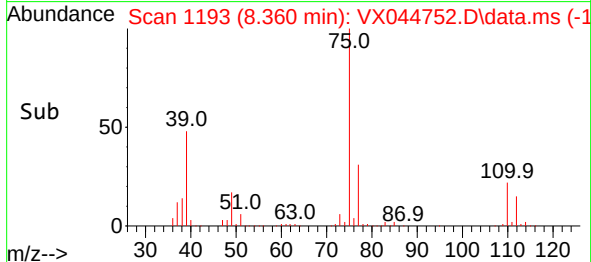
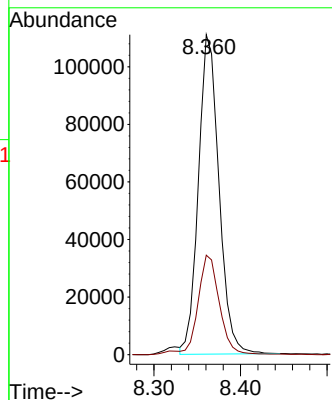
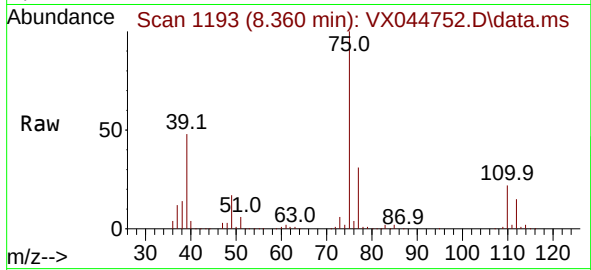




#39  
 cis-1,3-Dichloropropene  
 Concen: 46.686 ug/L  
 RT: 8.360 min Scan# 1193  
 Delta R.T. 0.000 min  
 Lab File: VX044752.D  
 Acq: 28 Jan 2025 18:17

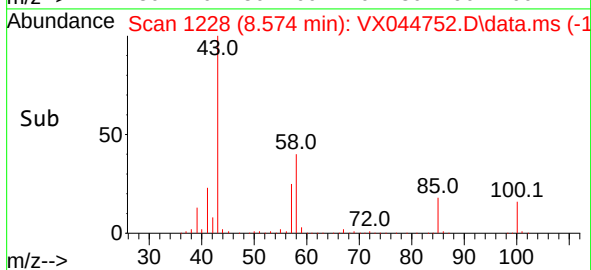
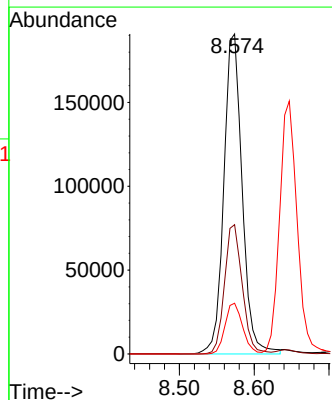
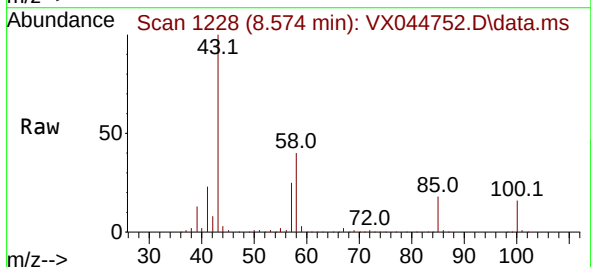
Instrument :  
 MSVOA\_X  
 ClientSampleId :

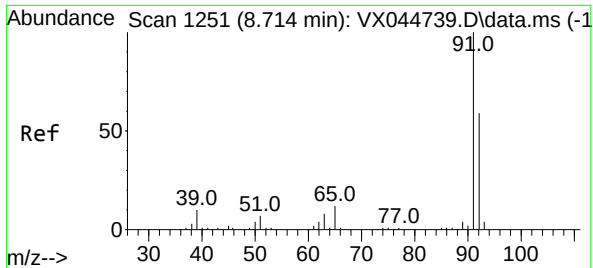
Tgt Ion: 75 Resp: 182940  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 21.7 40.3



#40  
 4-Methyl-2-pentanone  
 Concen: 102.243 ug/L  
 RT: 8.574 min Scan# 1228  
 Delta R.T. 0.006 min  
 Lab File: VX044752.D  
 Acq: 28 Jan 2025 18:17

Tgt Ion: 43 Resp: 326231  
 Ion Ratio Lower Upper  
 43 100  
 58 39.2 32.1 48.1  
 100 15.3 12.9 19.3

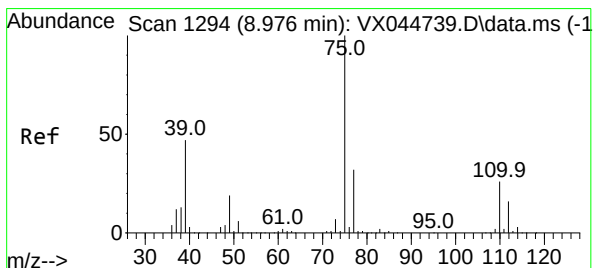
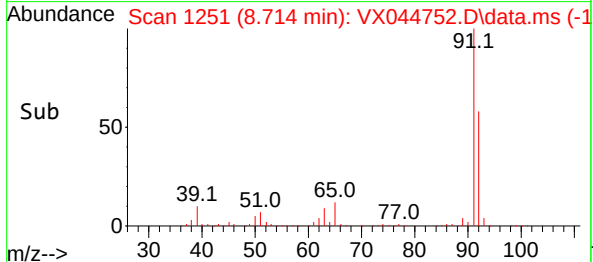
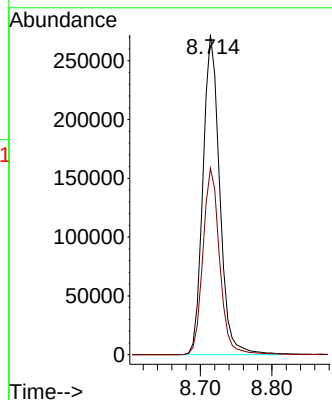
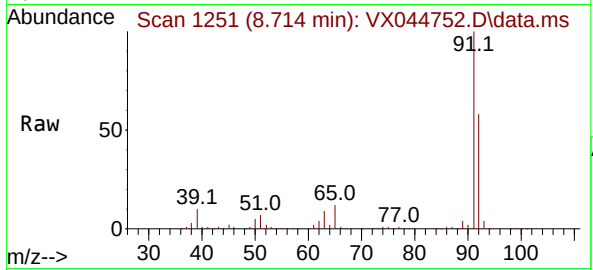




#42  
Toluene  
Concen: 48.343 ug/L  
RT: 8.714 min Scan# 1251  
Delta R.T. 0.000 min  
Lab File: VX044752.D  
Acq: 28 Jan 2025 18:17

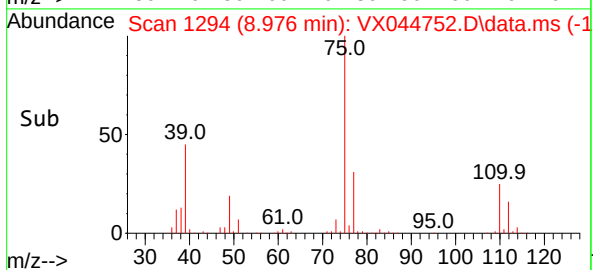
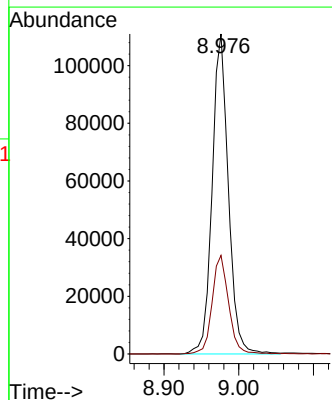
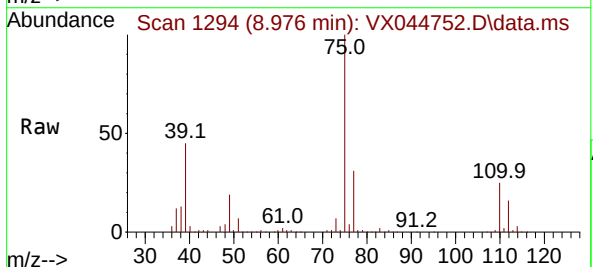
Instrument :  
MSVOA\_X  
ClientSampleId :

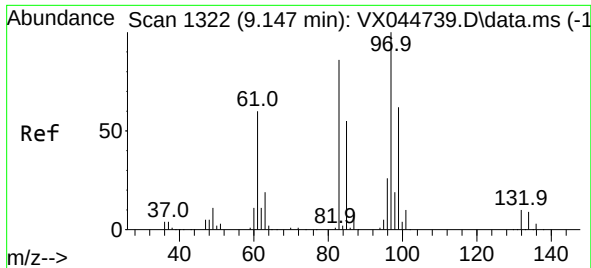
Tgt Ion: 91 Resp: 442586  
Ion Ratio Lower Upper  
91 100  
92 58.2 40.7 75.5



#44  
trans-1,3-Dichloropropene  
Concen: 47.702 ug/L  
RT: 8.976 min Scan# 1294  
Delta R.T. 0.000 min  
Lab File: VX044752.D  
Acq: 28 Jan 2025 18:17

Tgt Ion: 75 Resp: 167338  
Ion Ratio Lower Upper  
75 100  
77 30.8 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 48.658 ug/L

RT: 9.147 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044752.D

Acq: 28 Jan 2025 18:17

Instrument :

MSVOA\_X

ClientSampleId :

Tgt Ion: 97 Resp: 109622

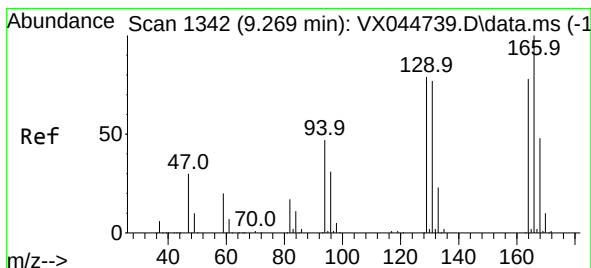
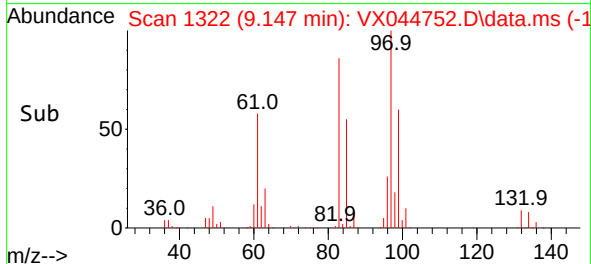
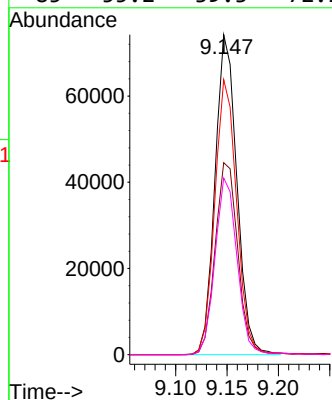
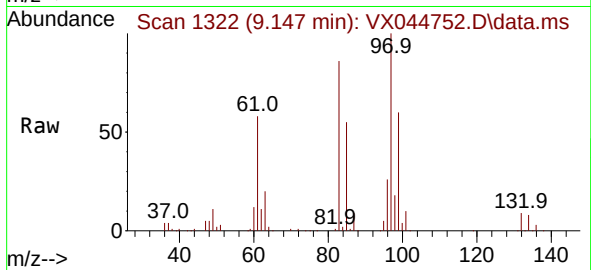
Ion Ratio Lower Upper

97 100

99 60.0 44.8 83.2

83 86.0 60.8 113.0

85 55.2 39.3 72.9



#46

Tetrachloroethene

Concen: 46.688 ug/L

RT: 9.269 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VX044752.D

Acq: 28 Jan 2025 18:17

Tgt Ion:164 Resp: 75287

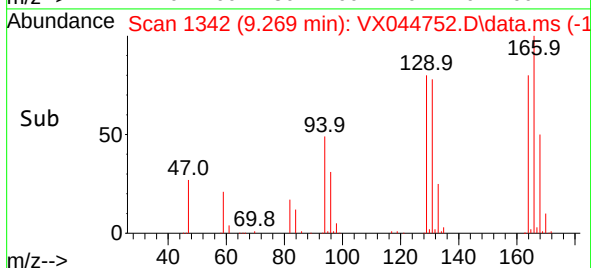
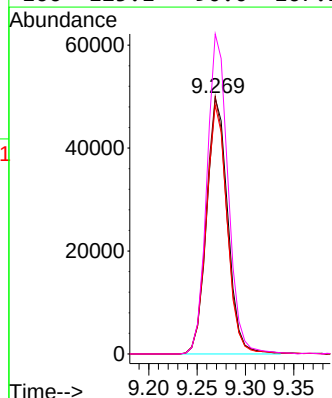
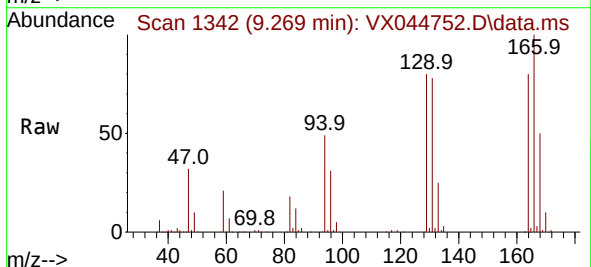
Ion Ratio Lower Upper

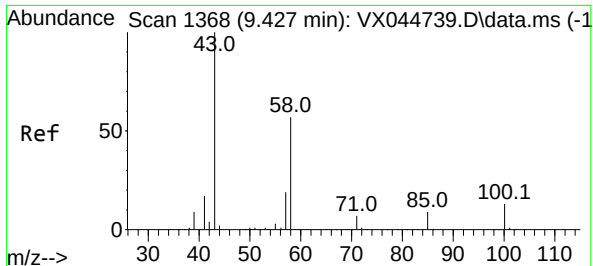
164 100

129 100.7 71.2 132.2

131 97.2 67.2 124.8

166 125.1 90.0 167.2



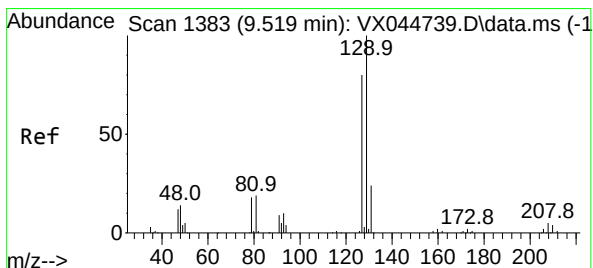
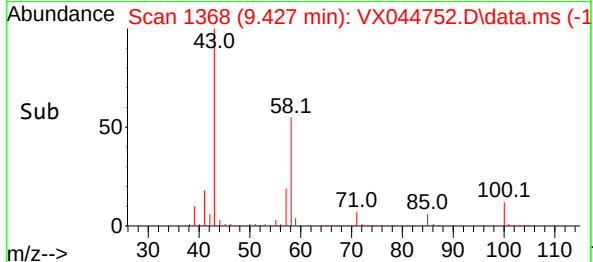
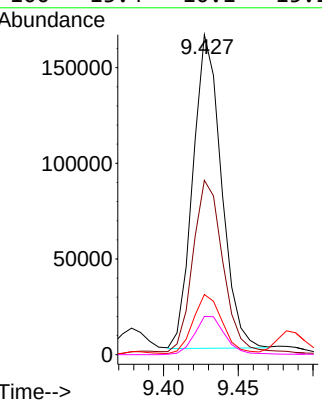
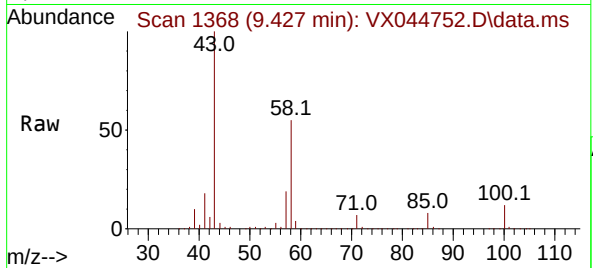


#48  
2-Hexanone  
Concen: 95.058 ug/L  
RT: 9.427 min Scan# 1368  
Delta R.T. 0.000 min  
Lab File: VX044752.D  
Acq: 28 Jan 2025 18:17

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 43 Resp: 217331

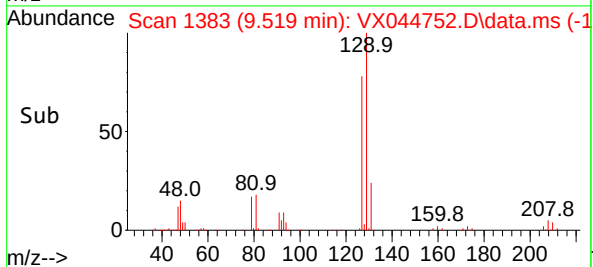
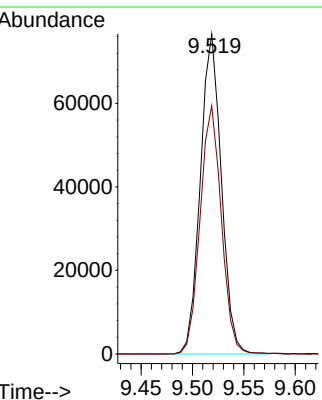
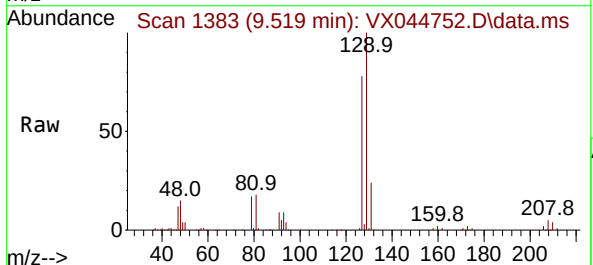
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 59.9  | 44.3  | 66.5  |
| 57  | 20.1  | 15.9  | 23.9  |
| 100 | 13.4  | 10.1  | 15.1  |

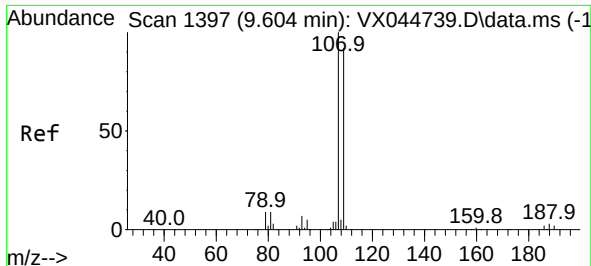


#49  
Dibromochloromethane  
Concen: 47.844 ug/L  
RT: 9.519 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: VX044752.D  
Acq: 28 Jan 2025 18:17

Tgt Ion: 129 Resp: 108707

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 129 | 100   |       |       |
| 127 | 77.6  | 53.6  | 99.6  |





#50

1,2-Dibromoethane

Concen: 48.040 ug/L

RT: 9.604 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044752.D

Acq: 28 Jan 2025 18:17

Instrument :

MSVOA\_X

ClientSampleId :

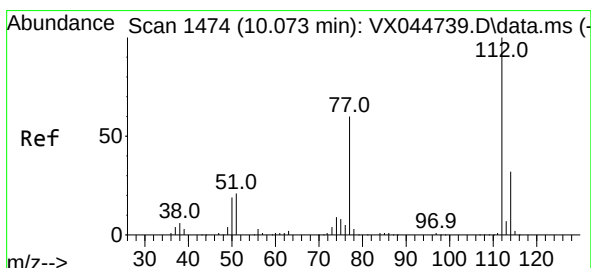
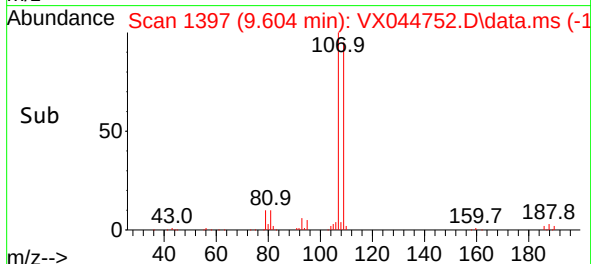
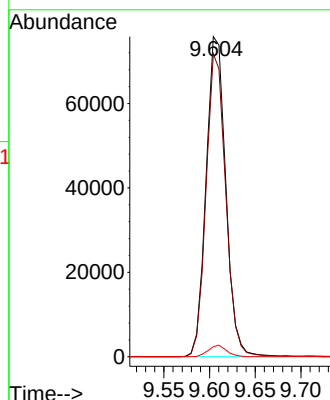
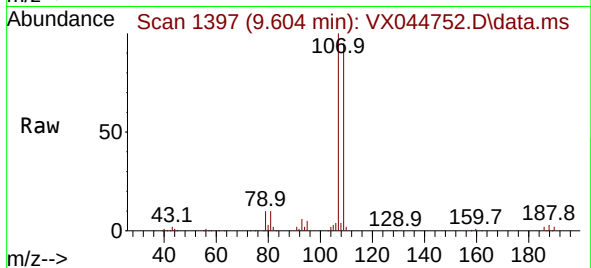
Tgt Ion:107 Resp: 113434

Ion Ratio Lower Upper

107 100

109 94.6 67.2 124.8

188 3.1 2.2 3.4



#51

Chlorobenzene

Concen: 47.969 ug/L

RT: 10.080 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VX044752.D

Acq: 28 Jan 2025 18:17

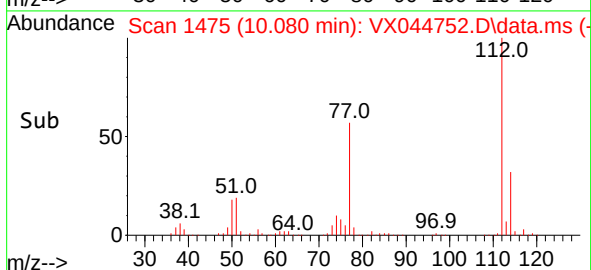
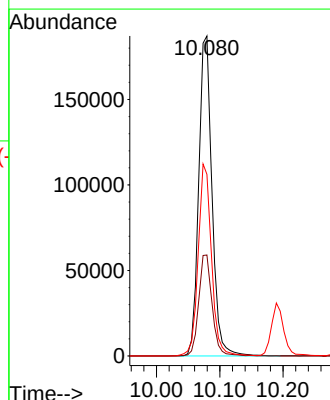
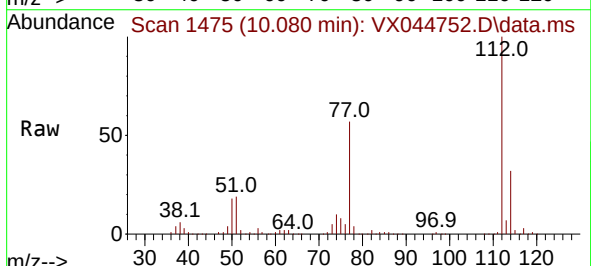
Tgt Ion:112 Resp: 274155

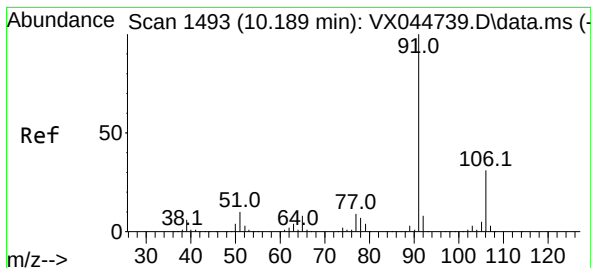
Ion Ratio Lower Upper

112 100

114 31.6 22.4 41.6

77 56.8 49.2 73.8

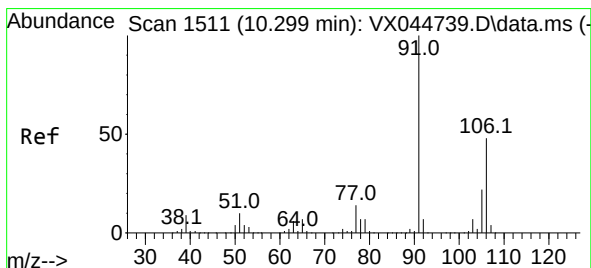
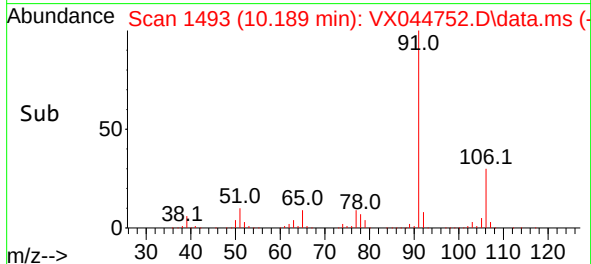
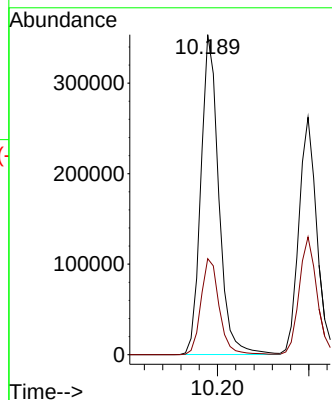
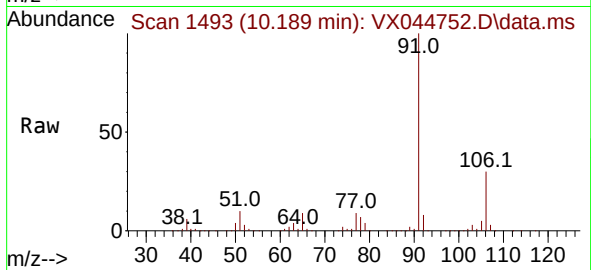




#52  
Ethylbenzene  
Concen: 47.958 ug/L  
RT: 10.189 min Scan# 1493  
Delta R.T. 0.000 min  
Lab File: VX044752.D  
Acq: 28 Jan 2025 18:17

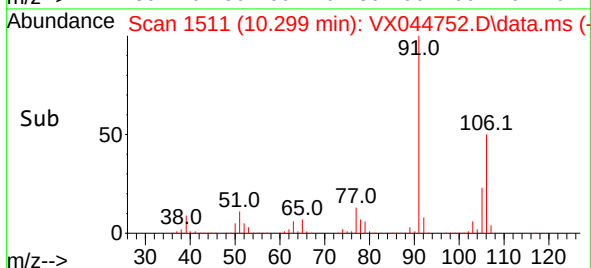
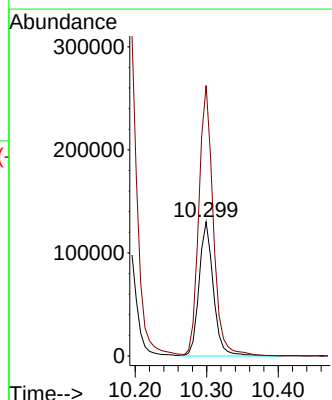
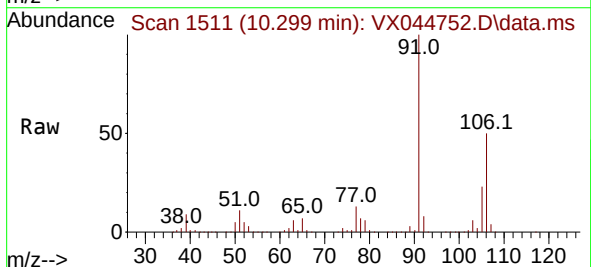
Instrument :  
MSVOA\_X  
ClientSampleId :

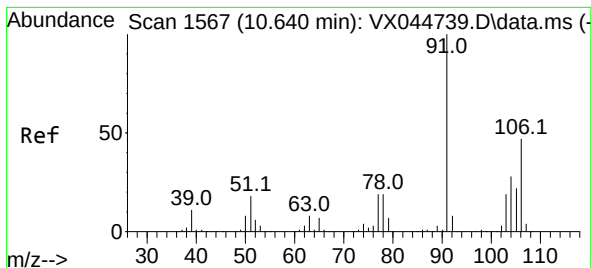
Tgt Ion: 91 Resp: 479928  
Ion Ratio Lower Upper  
91 100  
106 30.0 21.1 39.3



#53  
m,p-Xylene  
Concen: 48.012 ug/L  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX044752.D  
Acq: 28 Jan 2025 18:17

Tgt Ion: 106 Resp: 180378  
Ion Ratio Lower Upper  
106 100  
91 201.7 145.2 269.6





#54

o-Xylene

Concen: 47.857 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX044752.D

Acq: 28 Jan 2025 18:17

Instrument :

MSVOA\_X

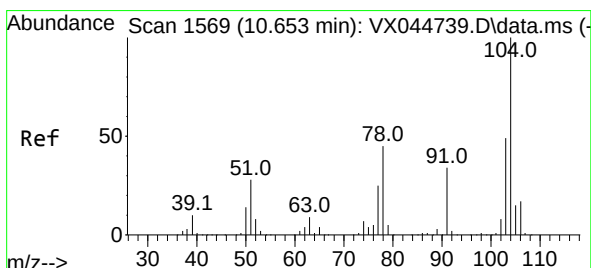
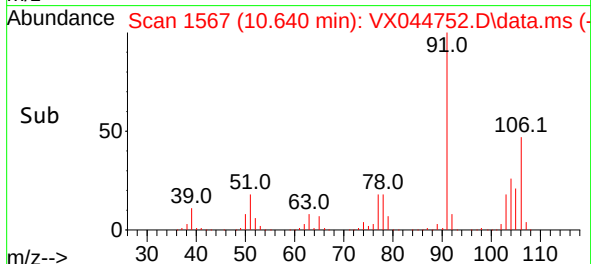
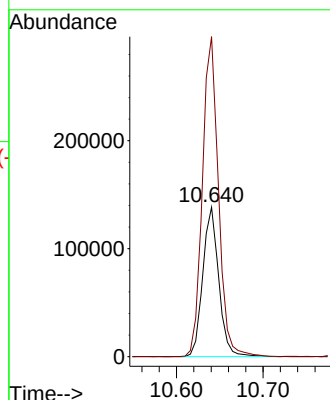
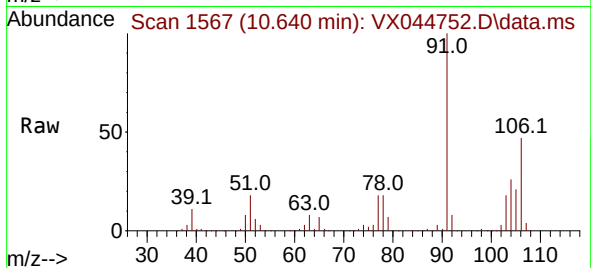
ClientSampleId :

Tgt Ion:106 Resp: 177223

Ion Ratio Lower Upper

106 100

91 214.0 153.2 284.4



#55

Styrene

Concen: 48.369 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX044752.D

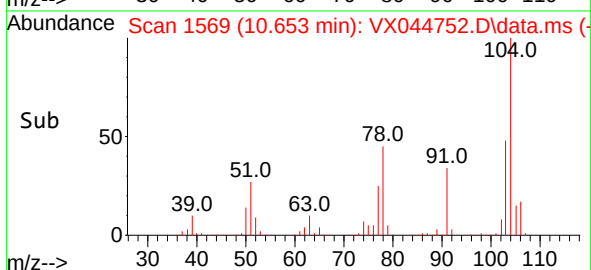
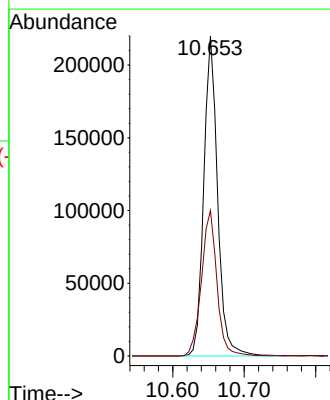
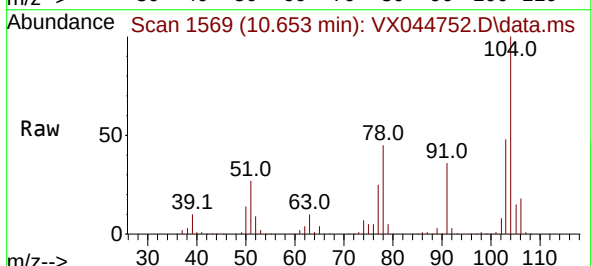
Acq: 28 Jan 2025 18:17

Tgt Ion:104 Resp: 295622

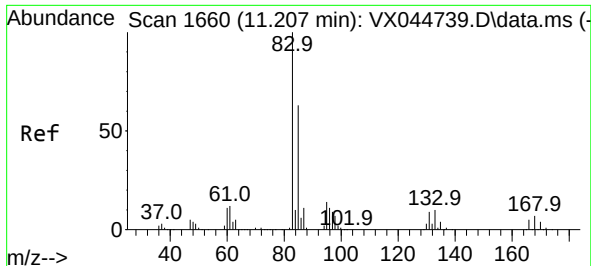
Ion Ratio Lower Upper

104 100

78 45.4 32.7 60.7



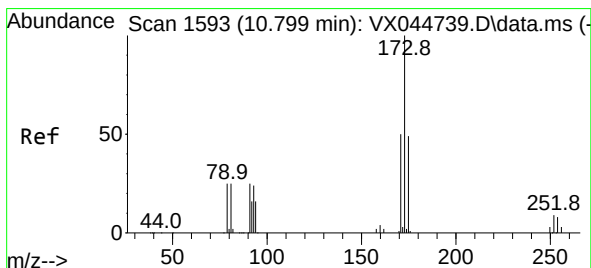
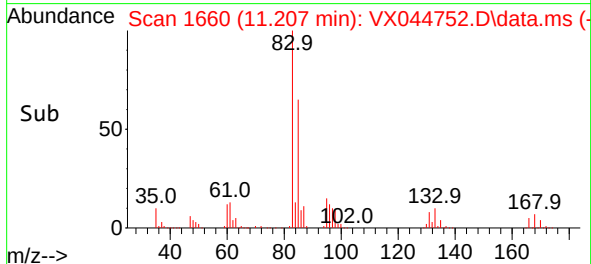
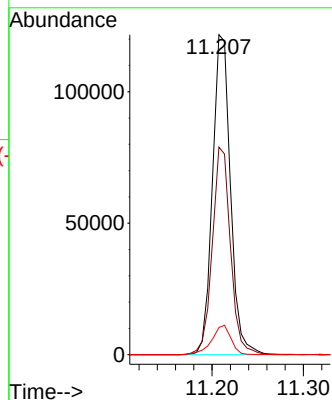
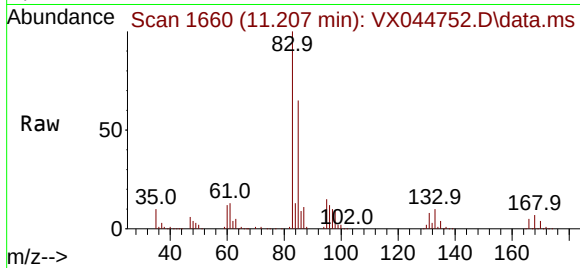




#57  
1,1,2,2-Tetrachloroethane  
Concen: 47.469 ug/L  
RT: 11.207 min Scan# 1660  
Delta R.T. 0.000 min  
Lab File: VX044752.D  
Acq: 28 Jan 2025 18:17

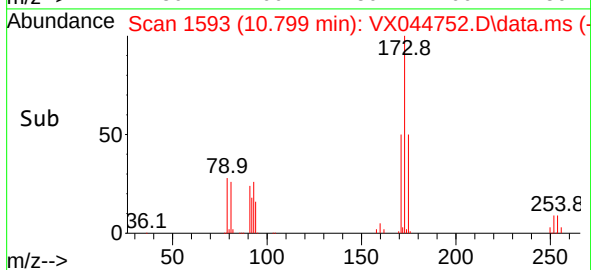
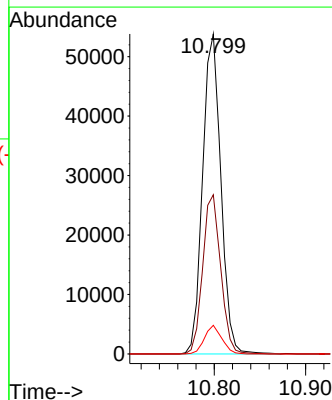
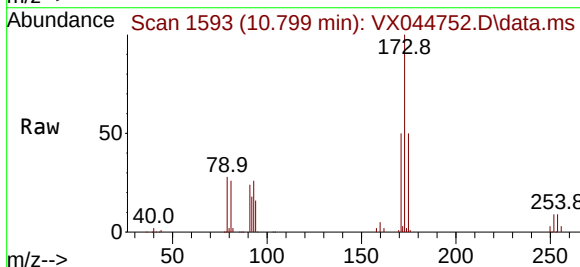
Instrument :  
MSVOA\_X  
ClientSampleId :

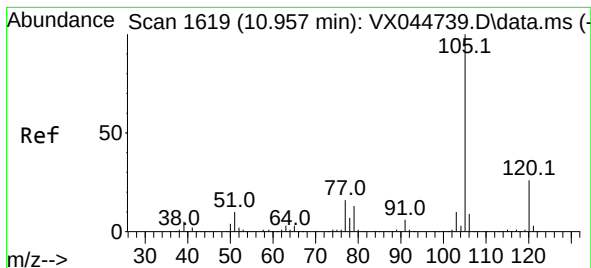
Tgt Ion: 83 Resp: 165927  
Ion Ratio Lower Upper  
83 100  
85 64.8 44.9 83.5  
131 8.5 8.0 12.0



#59  
Bromoform  
Concen: 48.604 ug/L  
RT: 10.799 min Scan# 1593  
Delta R.T. 0.000 min  
Lab File: VX044752.D  
Acq: 28 Jan 2025 18:17

Tgt Ion:173 Resp: 74461  
Ion Ratio Lower Upper  
173 100  
175 49.1 38.6 58.0  
254 8.5 6.6 10.0





#60

Isopropylbenzene

Concen: 49.619 ug/L

RT: 10.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044752.D

Acq: 28 Jan 2025 18:17

Instrument :

MSVOA\_X

ClientSampleId :

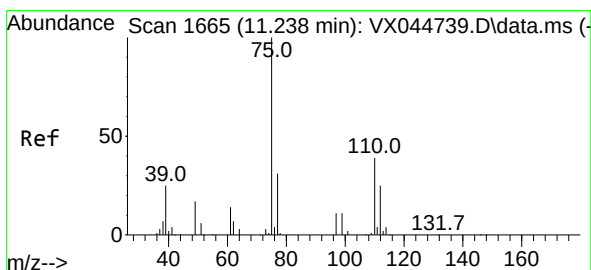
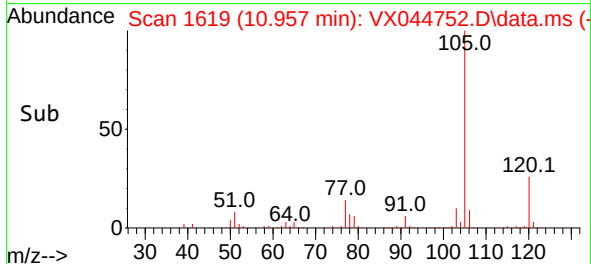
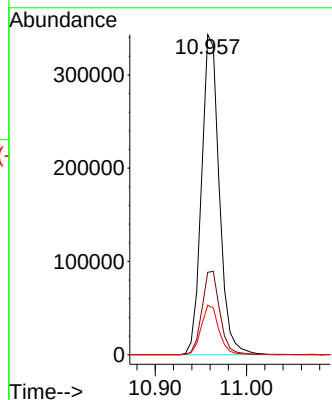
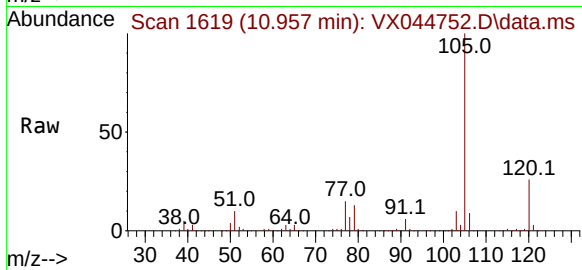
Tgt Ion:105 Resp: 461508

Ion Ratio Lower Upper

105 100

120 26.4 20.9 31.3

77 15.5 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 48.757 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX044752.D

Acq: 28 Jan 2025 18:17

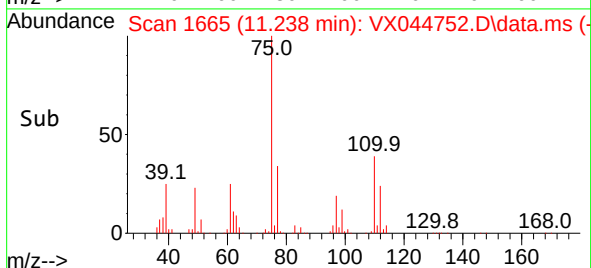
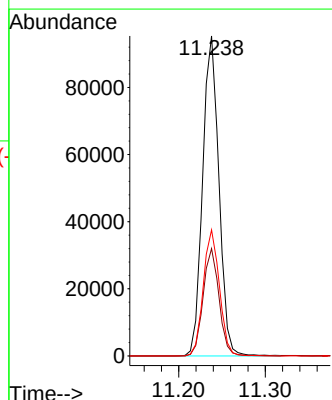
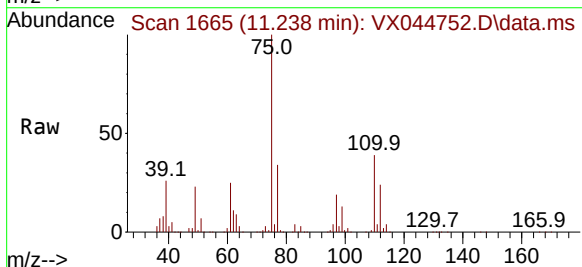
Tgt Ion: 75 Resp: 124665

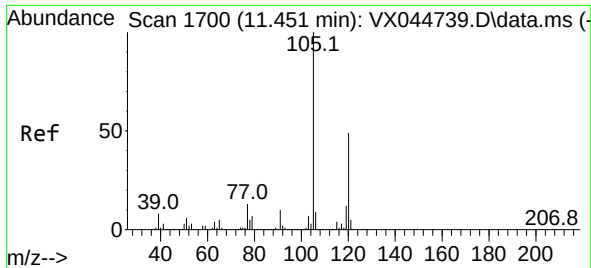
Ion Ratio Lower Upper

75 100

77 32.8 25.8 38.6

110 38.9 30.8 46.2

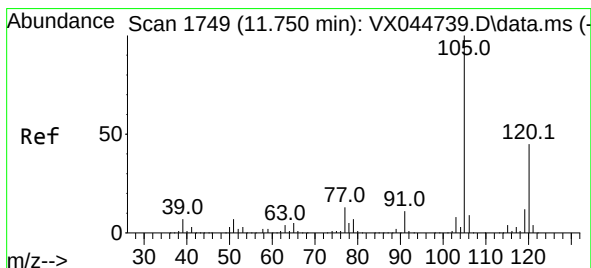
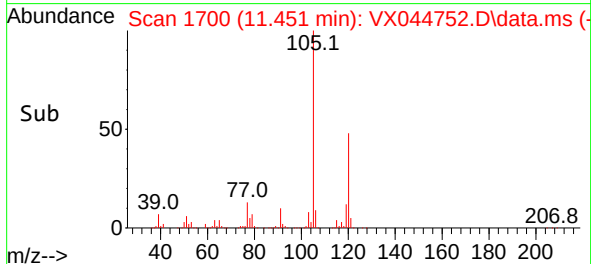
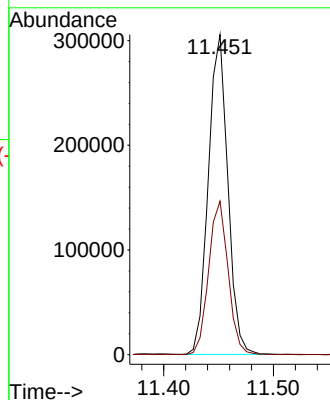
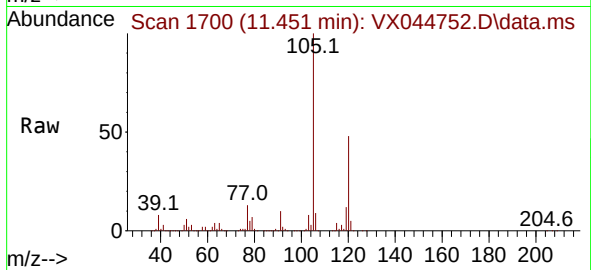




#62  
1,3,5-Trimethylbenzene  
Concen: 49.399 ug/L  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX044752.D  
Acq: 28 Jan 2025 18:17

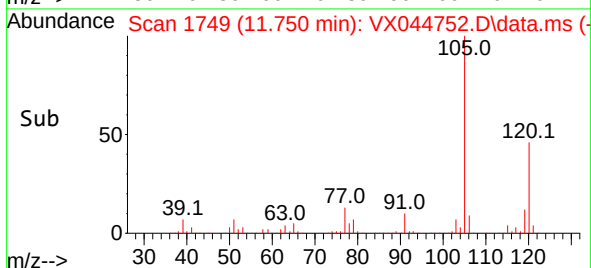
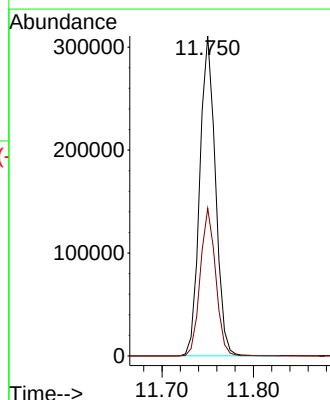
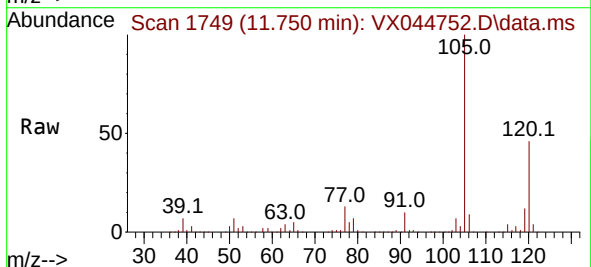
Instrument :  
MSVOA\_X  
ClientSampleId :

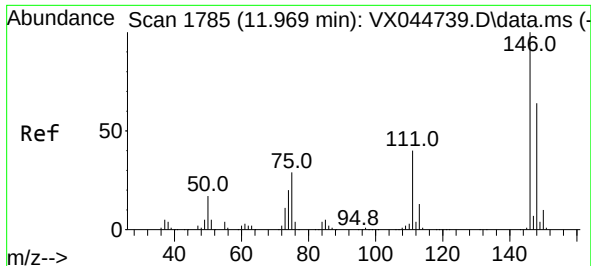
Tgt Ion:105 Resp: 376929  
Ion Ratio Lower Upper  
105 100  
120 48.2 38.3 57.5



#63  
1,2,4-Trimethylbenzene  
Concen: 48.901 ug/L  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX044752.D  
Acq: 28 Jan 2025 18:17

Tgt Ion:105 Resp: 369564  
Ion Ratio Lower Upper  
105 100  
120 45.3 35.7 53.5

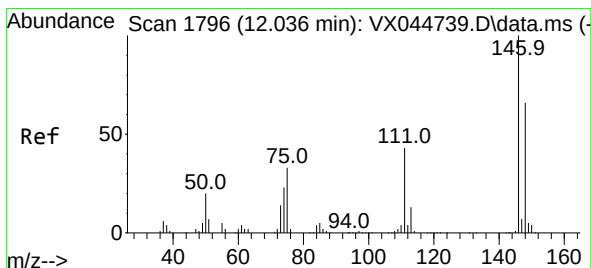
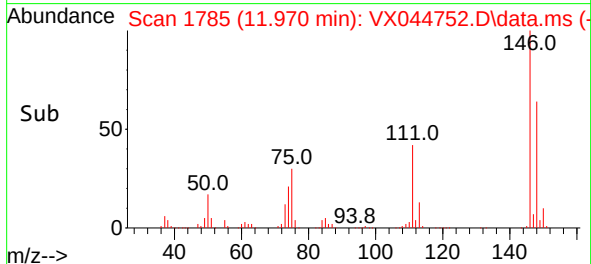
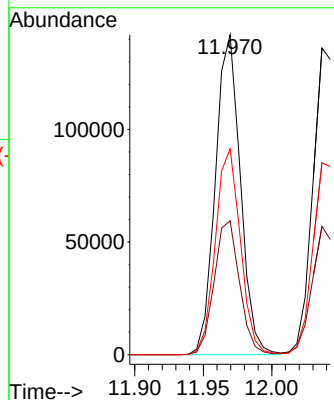
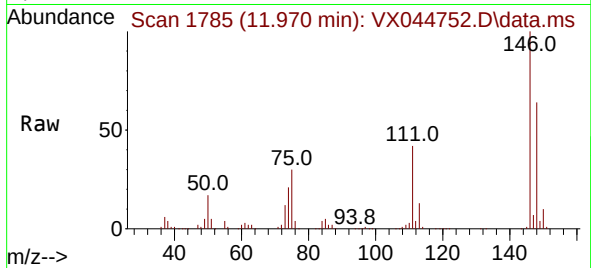




#64  
1,3-Dichlorobenzene  
Concen: 47.130 ug/L  
RT: 11.970 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX044752.D  
Acq: 28 Jan 2025 18:17

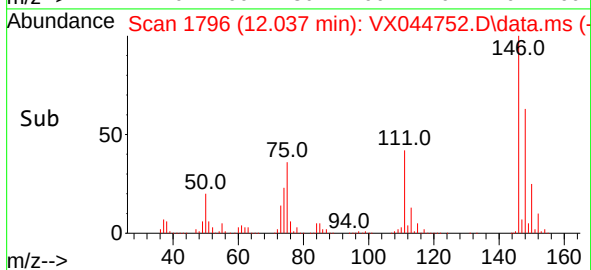
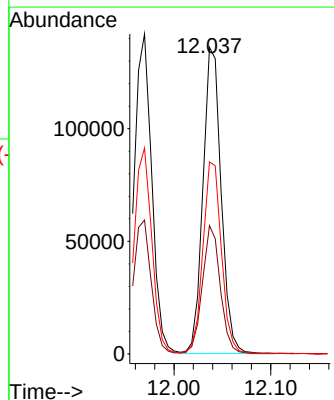
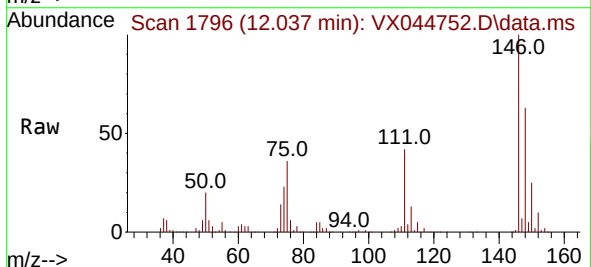
Instrument :  
MSVOA\_X  
ClientSampleId :

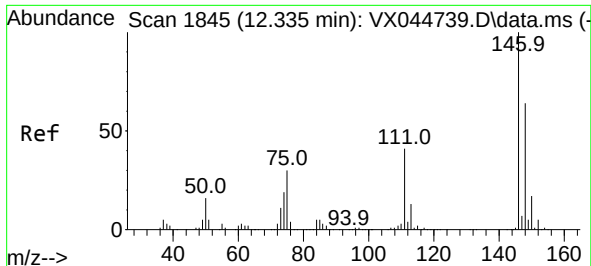
Tgt Ion:146 Resp: 180205  
Ion Ratio Lower Upper  
146 100  
111 41.9 29.5 54.9  
148 64.3 44.4 82.5



#65  
1,4-Dichlorobenzene  
Concen: 46.882 ug/L  
RT: 12.037 min Scan# 1796  
Delta R.T. 0.000 min  
Lab File: VX044752.D  
Acq: 28 Jan 2025 18:17

Tgt Ion:146 Resp: 178430  
Ion Ratio Lower Upper  
146 100  
111 41.8 29.7 55.1  
148 62.6 43.5 80.7

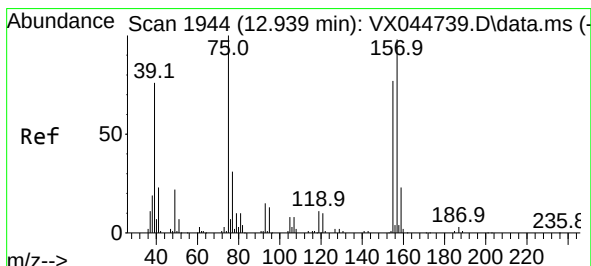
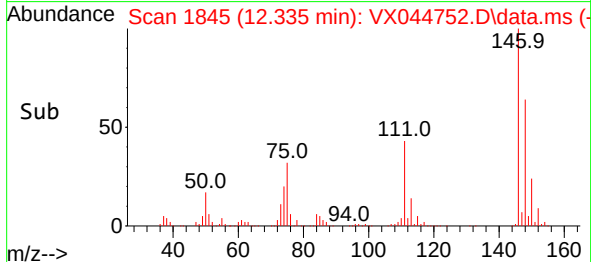
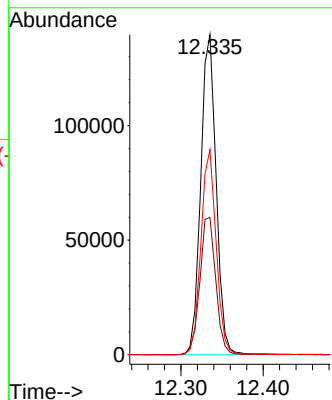
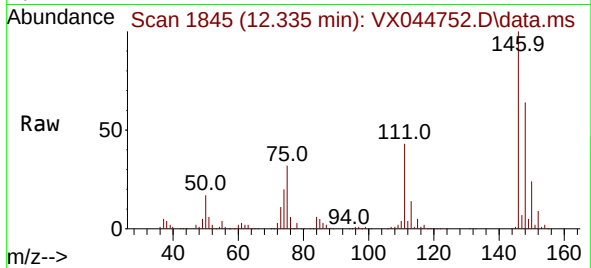




#67  
1,2-Dichlorobenzene  
Concen: 48.074 ug/L  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX044752.D  
Acq: 28 Jan 2025 18:17

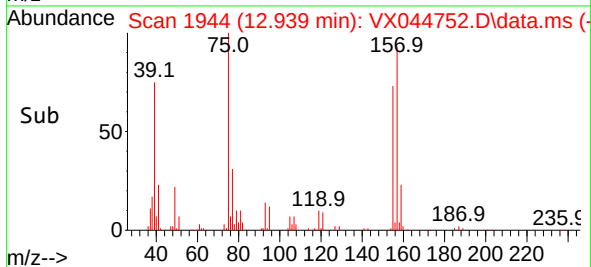
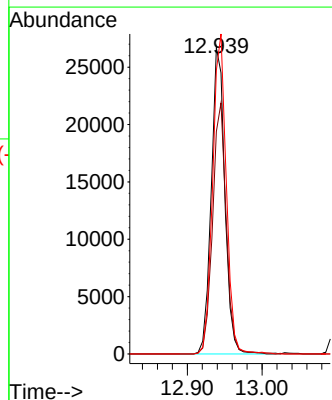
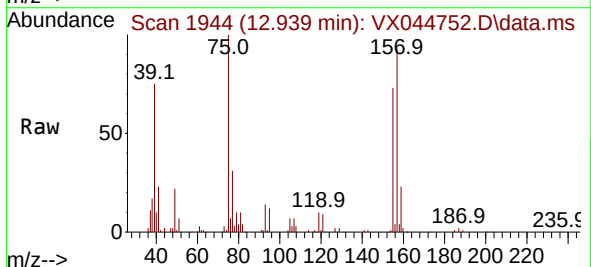
Instrument :  
MSVOA\_X  
ClientSampleId :

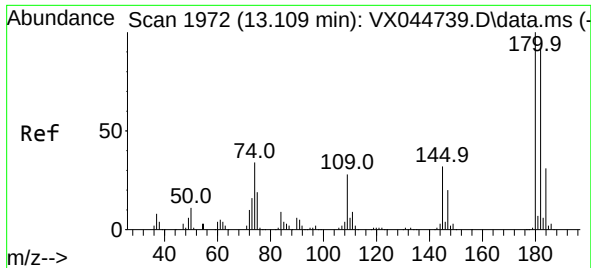
Tgt Ion:146 Resp: 182241  
Ion Ratio Lower Upper  
146 100  
111 42.9 36.1 54.1  
148 64.1 51.5 77.3



#68  
1,2-Dibromo-3-chloropropane  
Concen: 48.473 ug/L  
RT: 12.939 min Scan# 1944  
Delta R.T. 0.000 min  
Lab File: VX044752.D  
Acq: 28 Jan 2025 18:17

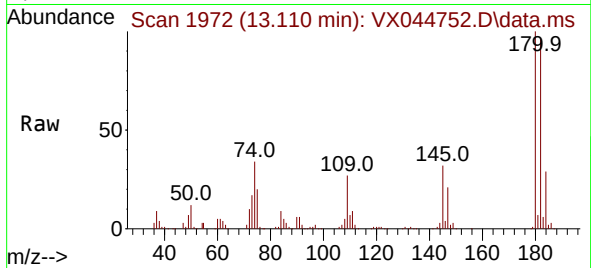
Tgt Ion: 75 Resp: 33771  
Ion Ratio Lower Upper  
75 100  
155 72.6 62.5 93.7  
157 92.7 83.5 125.3



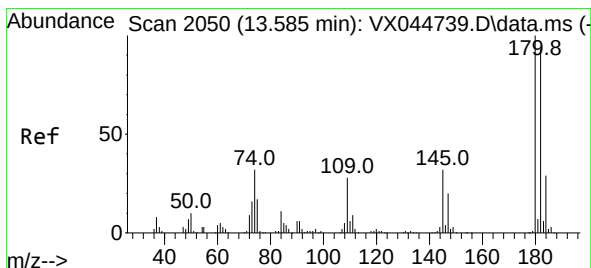
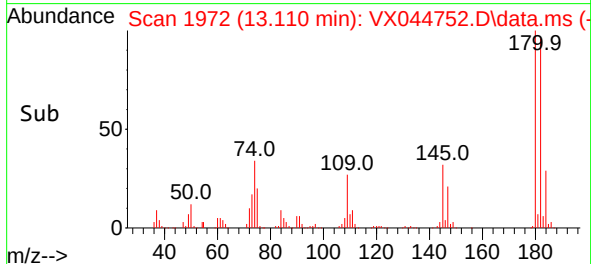
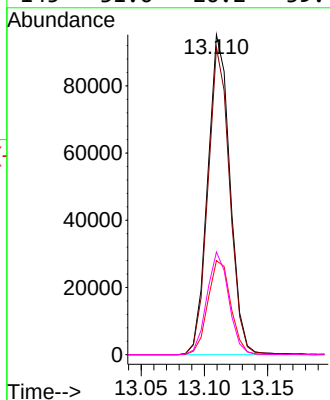


#69  
 1,3,5-Trichlorobenzene  
 Concen: 46.530 ug/L  
 RT: 13.110 min Scan# 1972  
 Delta R.T. 0.000 min  
 Lab File: VX044752.D  
 Acq: 28 Jan 2025 18:17

Instrument :  
 MSVOA\_X  
 ClientSampleId :

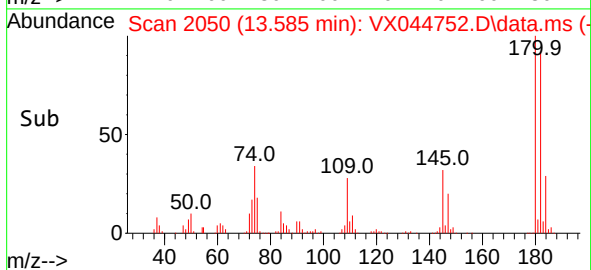
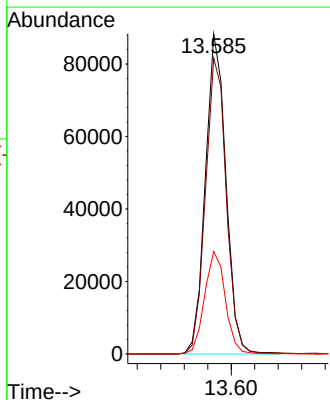
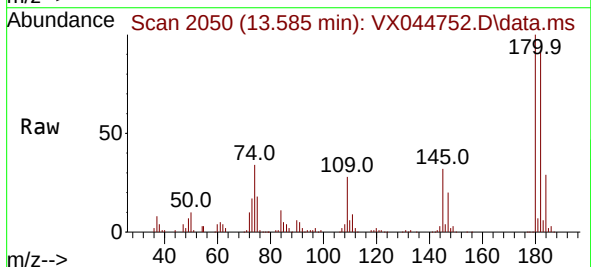


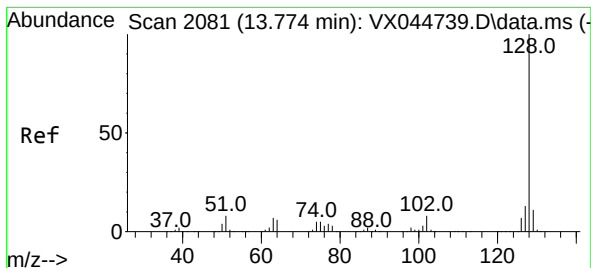
Tgt Ion:180 Resp: 116579  
 Ion Ratio Lower Upper  
 180 100  
 182 93.9 77.0 115.6  
 184 30.3 24.0 36.0  
 145 31.6 26.2 39.4



#70  
 1,2,4-trichlorobenzene  
 Concen: 47.410 ug/L  
 RT: 13.585 min Scan# 2050  
 Delta R.T. 0.000 min  
 Lab File: VX044752.D  
 Acq: 28 Jan 2025 18:17

Tgt Ion:180 Resp: 107089  
 Ion Ratio Lower Upper  
 180 100  
 182 93.6 76.5 114.7  
 145 32.4 27.0 40.4





#71

Naphthalene

Concen: 48.668 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX044752.D

Acq: 28 Jan 2025 18:17

Instrument :

MSVOA\_X

ClientSampleId :

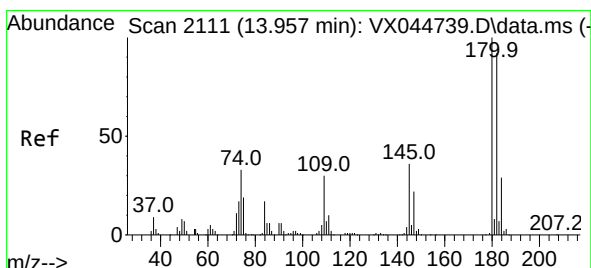
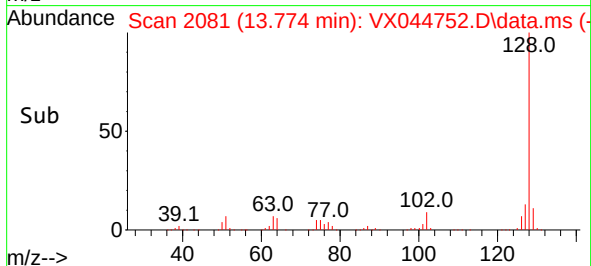
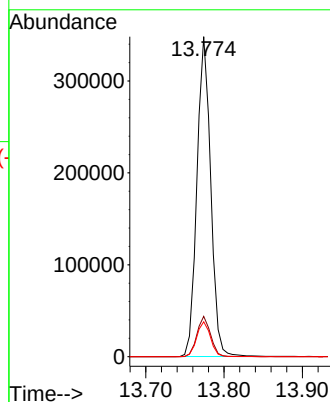
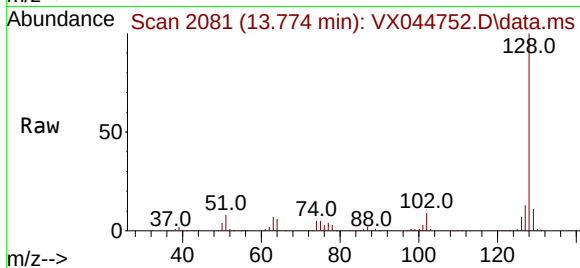
Tgt Ion:128 Resp: 426342

Ion Ratio Lower Upper

128 100

127 12.4 10.1 15.1

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 47.070 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX044752.D

Acq: 28 Jan 2025 18:17

Tgt Ion:180 Resp: 107811

Ion Ratio Lower Upper

180 100

182 94.9 77.1 115.7

145 34.2 28.3 42.5

