

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011625\  
 Data File : VX044662.D  
 Acq On : 16 Jan 2025 09:49  
 Operator :  
 Sample : VSTDICC100  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jan 17 01:02:40 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X011625W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Jan 17 00:59:31 2025  
 Response via : Initial Calibration

| Compound                     | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|------------------------------|-----------|-------|----------|----------|------------|----------|
| -----                        |           |       |          |          |            |          |
| Internal Standards           |           |       |          |          |            |          |
| 1) Bromochloromethane        | 4.891     | 128   | 26822    | 30.000   | ug/l       | 0.00     |
| 28) 1,4-Difluorobenzene      | 6.757     | 114   | 152295   | 30.000   | ug/l       | 0.00     |
| 57) Chlorobenzene-d5         | 10.049    | 117   | 129735   | 30.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |           |       |          |          |            |          |
| 27) 1,2-Dichloroethane-d4    | 5.946     | 65    | 78213    | 30.205   | ug/l       | 0.00     |
| Spiked Amount                | 30.000    | Range | 91 - 110 | Recovery | = 100.700% |          |
| 60) 4-Bromofluorobenzene     | 11.079    | 95    | 76025    | 30.170   | ug/l       | 0.00     |
| Spiked Amount                | 30.000    | Range | 63 - 112 | Recovery | = 100.567% |          |
| 63) Toluene-d8               | 8.647     | 98    | 211985   | 30.042   | ug/l       | 0.00     |
| Spiked Amount                | 30.000    | Range | 91 - 112 | Recovery | = 100.133% |          |
| Target Compounds             |           |       |          |          | Qvalue     |          |
| 2) Dichlorodifluoromethane   | 1.166     | 85    | 207715   | 96.431   | ug/l       | 99       |
| 3) Chloromethane             | 1.294     | 50    | 260185   | 103.718  | ug/l       | 100      |
| 4) Vinyl Chloride            | 1.374     | 62    | 264006   | 107.561  | ug/l       | 97       |
| 5) Bromomethane              | 1.593     | 94    | 61090    | 103.072  | ug/l       | 97       |
| 6) Chloroethane              | 1.660     | 64    | 45219    | 114.088  | ug/l       | 95       |
| 7) Trichlorofluoromethane    | 1.861     | 101   | 293373   | 109.142  | ug/l       | 98       |
| 8) Diethyl Ether             | 2.136     | 74    | 108527   | 104.658  | ug/l       | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 2.313     | 101   | 216700   | 112.529  | ug/l       | 98       |
| 10) 1,1-Dichloroethene       | 2.307     | 96    | 210933   | 106.464  | ug/l       | 96       |
| 11) Methyl Iodide            | 2.441     | 142   | 283426   | 103.236  | ug/l       | 98       |
| 12) Methyl Acetate           | 2.703     | 43    | 316480   | 109.420  | ug/l       | 99       |
| 13) Acrolein                 | 2.239     | 56    | 157728   | 493.161  | ug/l       | 99       |
| 14) Acrylonitrile            | 3.062     | 53    | 551693   | 523.451  | ug/l       | 100      |
| 15) Acetone                  | 2.386     | 58    | 149940   | 530.181  | ug/l       | 94       |
| 16) Carbon Disulfide         | 2.495     | 76    | 590082   | 107.175  | ug/l       | 100      |
| 17) Allyl chloride           | 2.654     | 41    | 382410   | 107.032  | ug/l       | 99       |
| 18) Methylene Chloride       | 2.782     | 84    | 228084   | 102.839  | ug/l       | 98       |
| 19) trans-1,2-Dichloroethene | 3.081     | 96    | 206160   | 104.651  | ug/l       | 97       |
| 20) Diisopropyl ether        | 3.757     | 45    | 662597   | 102.175  | ug/l       | 95       |
| 21) 1,1-Dichloroethane       | 3.599     | 63    | 406465   | 105.660  | ug/l       | 98       |
| 22) cis-1,2-Dichloroethene   | 4.477     | 96    | 255966   | 104.980  | ug/l       | 98       |
| 23) tert-Butyl Alcohol       | 2.983     | 59    | 126065   | 275.706  | ug/l       | 100      |
| 24) Methyl tert-Butyl Ether  | 3.111     | 73    | 712903   | 103.853  | ug/l       | 99       |
| 25) Chloroform               | 5.086     | 83    | 399572   | 104.534  | ug/l       | 96       |
| 26) Cyclohexane              | 5.458     | 56    | 351156   | 108.611  | ug/l #     | 100      |
| 29) 1,1-Dichloropropene      | 5.684     | 75    | 279081   | 105.354  | ug/l       | 99       |
| 30) 2-Butanone               | 4.556     | 43    | 740025   | 508.557  | ug/l       | 100      |
| 31) 2,2-Dichloropropane      | 4.465     | 77    | 376371   | 102.674  | ug/l       | 98       |
| 32) 1,1,1-Trichloroethane    | 5.373     | 97    | 359473   | 102.399  | ug/l       | 99       |
| 33) Carbon Tetrachloride     | 5.666     | 117   | 306978   | 103.662  | ug/l       | 97       |
| 34) Benzene                  | 6.025     | 78    | 853368   | 100.973  | ug/l       | 99       |
| 35) Methacrylonitrile        | 4.916     | 41    | 168983   | 103.905  | ug/l       | 98       |
| 36) 1,2-Dichloroethane       | 6.080     | 62    | 308254   | 102.014  | ug/l       | 100      |
| 37) Trichloroethene          | 7.117     | 130   | 215237   | 105.483  | ug/l       | 95       |
| 38) Methylcyclohexane        | 7.373     | 83    | 393920   | 109.448  | ug/l       | 99       |
| 39) 1,2-Dichloropropane      | 7.421     | 63    | 214812   | 101.928  | ug/l       | 98       |
| 40) Dibromomethane           | 7.574     | 93    | 159130   | 101.563  | ug/l       | 99       |
| 41) Bromodichloromethane     | 7.818     | 83    | 324068   | 100.170  | ug/l       | 98       |
| 42) Vinyl Acetate            | 3.715     | 43    | 2899515  | 501.741  | ug/l       | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011625\  
 Data File : VX044662.D  
 Acq On : 16 Jan 2025 09:49  
 Operator :  
 Sample : VSTDICC100  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jan 17 01:02:40 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X011625W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Jan 17 00:59:31 2025  
 Response via : Initial Calibration

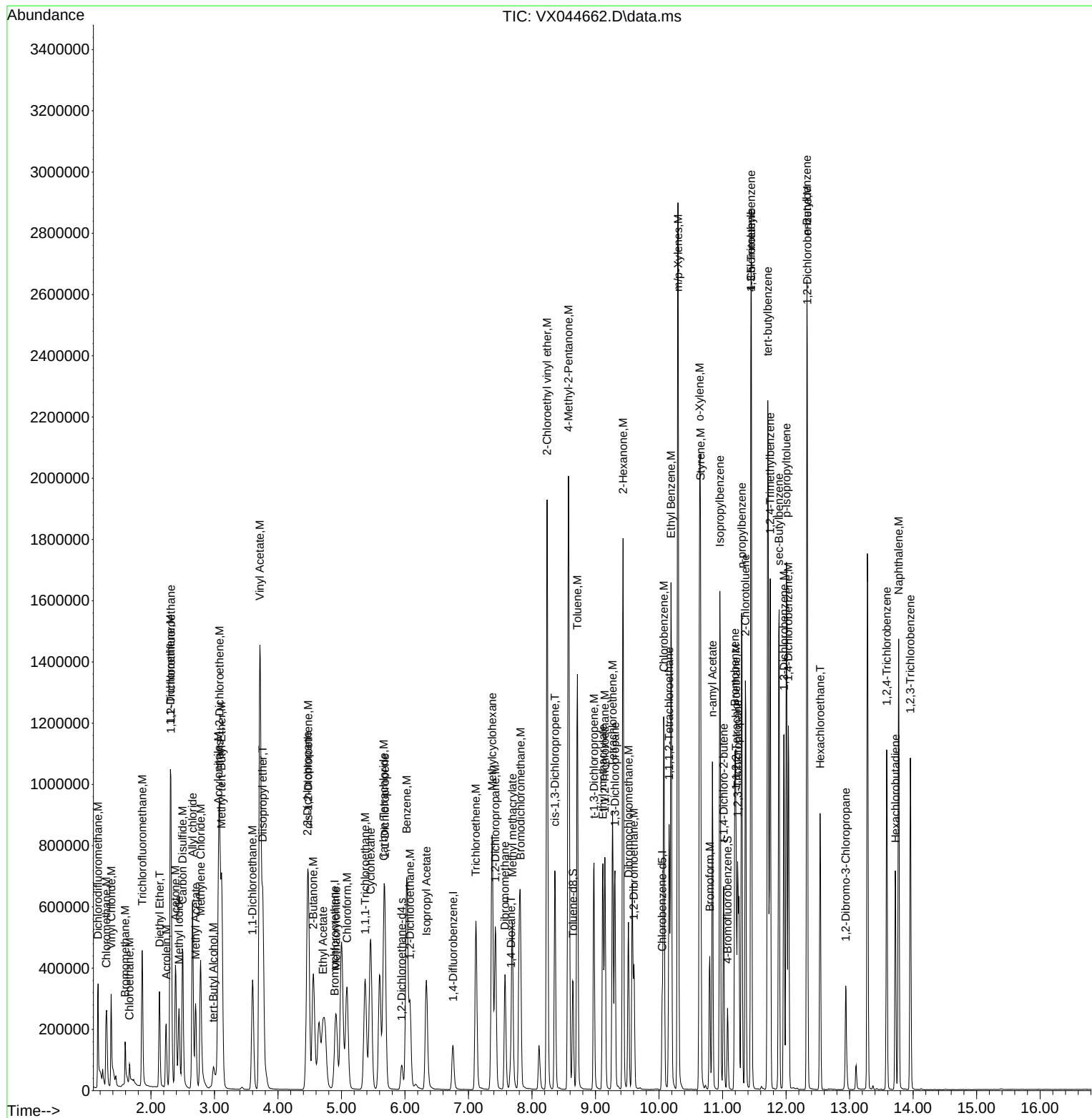
| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 43) Ethyl Acetate             | 4.708  | 43   | 301278   | 105.547  | ug/l # | 94       |
| 44) Isopropyl Acetate         | 6.336  | 43   | 524207   | 102.223  | ug/l   | 99       |
| 45) 1,4-Dioxane               | 7.671  | 88   | 95678    | 1959.377 | ug/l   | 96       |
| 46) Methyl methacrylate       | 7.690  | 41   | 254259   | 101.293  | ug/l   | 99       |
| 47) n-amyl Acetate            | 10.842 | 43   | 426497   | 99.102   | ug/l   | 99       |
| 48) t-1,3-Dichloropropene     | 8.976  | 75   | 347499   | 101.765  | ug/l   | 98       |
| 49) cis-1,3-Dichloropropene   | 8.360  | 75   | 370879   | 101.289  | ug/l   | 99       |
| 50) 1,1,2-Trichloroethane     | 9.147  | 97   | 198320   | 98.117   | ug/l   | 99       |
| 51) Ethyl methacrylate        | 9.116  | 69   | 349309   | 99.647   | ug/l   | 98       |
| 52) 1,3-Dichloropropane       | 9.305  | 76   | 345352   | 98.954   | ug/l   | 99       |
| 53) Dibromochloromethane      | 9.519  | 129  | 237742   | 98.596   | ug/l   | 98       |
| 54) 1,2-Dibromoethane         | 9.604  | 107  | 210275   | 98.575   | ug/l   | 99       |
| 55) 2-Chloroethyl vinyl ether | 8.238  | 63   | 784090   | 461.586  | ug/l   | 100      |
| 56) Bromoform                 | 10.799 | 173  | 157528   | 98.522   | ug/l   | 100      |
| 58) 4-Methyl-2-Pentanone      | 8.574  | 43   | 1379048  | 504.291  | ug/l   | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 1016466  | 507.718  | ug/l   | 99       |
| 61) Tetrachloroethene         | 9.269  | 164  | 167502   | 107.635  | ug/l   | 98       |
| 62) Toluene                   | 8.714  | 91   | 874711   | 102.394  | ug/l   | 99       |
| 64) Chlorobenzene             | 10.073 | 112  | 543310   | 102.407  | ug/l   | 99       |
| 65) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 193974   | 101.781  | ug/l   | 100      |
| 66) Ethyl Benzene             | 10.189 | 91   | 963283   | 103.326  | ug/l   | 98       |
| 67) m/p-Xylenes               | 10.299 | 106  | 698697   | 203.888  | ug/l   | 99       |
| 68) o-Xylene                  | 10.640 | 106  | 346159   | 100.645  | ug/l   | 100      |
| 69) Styrene                   | 10.653 | 104  | 571513   | 101.207  | ug/l   | 99       |
| 70) Isopropylbenzene          | 10.957 | 105  | 882679   | 102.087  | ug/l   | 99       |
| 71) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 290188   | 99.668   | ug/l   | 98       |
| 72) 1,2,3-Trichloropropane    | 11.238 | 75   | 349045   | 142.737  | ug/l   | 86       |
| 73) Bromobenzene              | 11.195 | 156  | 203263   | 100.912  | ug/l   | 98       |
| 74) n-propylbenzene           | 11.305 | 91   | 1025231  | 104.320  | ug/l   | 100      |
| 75) 2-Chlorotoluene           | 11.360 | 91   | 621611   | 100.627  | ug/l   | 100      |
| 76) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 709035   | 100.977  | ug/l   | 99       |
| 77) t-1,4-Dichloro-2-butene   | 11.018 | 75   | 120113   | 103.824  | ug/l   | 98       |
| 78) 4-Chlorotoluene           | 11.451 | 91   | 692856   | 101.840  | ug/l   | 99       |
| 79) tert-butylbenzene         | 11.713 | 119  | 724166   | 100.390  | ug/l   | 99       |
| 80) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 717847   | 101.327  | ug/l   | 99       |
| 81) sec-Butylbenzene          | 11.890 | 105  | 885682   | 102.823  | ug/l   | 100      |
| 82) p-Isopropyltoluene        | 12.006 | 119  | 730972   | 103.112  | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene       | 11.969 | 146  | 371118   | 103.731  | ug/l   | 99       |
| 84) 1,4-Dichlorobenzene       | 12.036 | 146  | 363763   | 103.715  | ug/l   | 99       |
| 85) n-Butylbenzene            | 12.329 | 91   | 664449   | 108.125  | ug/l   | 99       |
| 86) Hexachloroethane          | 12.536 | 117  | 158825   | 101.842  | ug/l   | 99       |
| 87) 1,2-Dichlorobenzene       | 12.335 | 146  | 361432   | 101.166  | ug/l   | 99       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 70386    | 100.538  | ug/l   | 99       |
| 89) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 243086   | 109.487  | ug/l   | 99       |
| 90) Hexachlorobutadiene       | 13.725 | 225  | 89590    | 104.321  | ug/l   | 96       |
| 91) Naphthalene               | 13.774 | 128  | 872913   | 105.089  | ug/l   | 100      |
| 92) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 239785   | 106.185  | ug/l   | 99       |

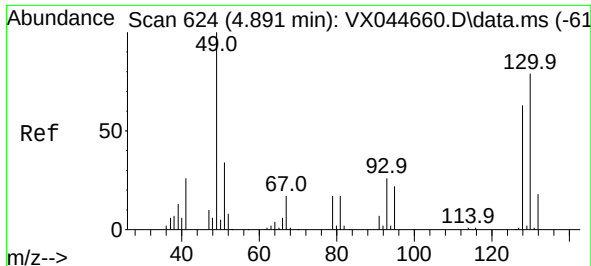
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
Data File : VX044662.D
Acq On    : 16 Jan 2025   09:49
Operator  :
Sample    : VSTDICC100
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 5      Sample Multiplier: 1
```

**Instrument :**  
MSVOA\_X  
**ClientSampleId :**

Quant Time: Jan 17 01:02:40 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X011625W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Fri Jan 17 00:59:31 2025  
Response via : Initial Calibration

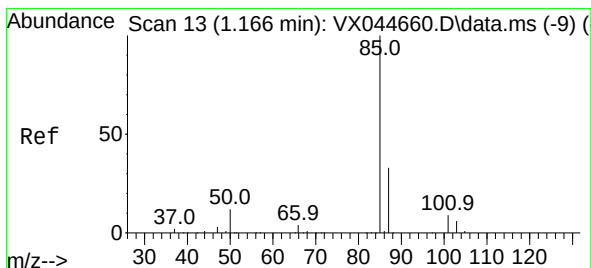
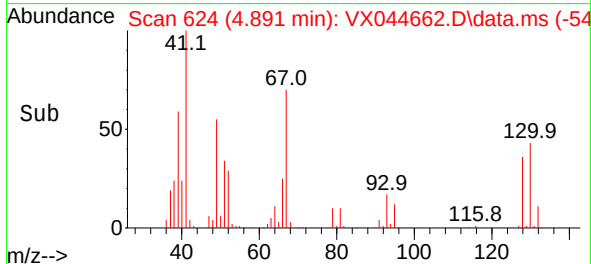
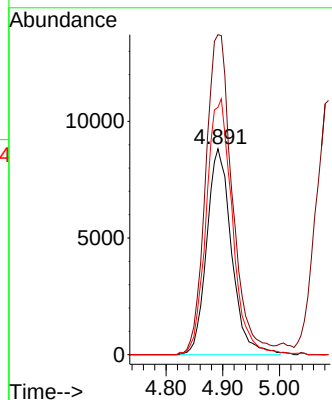
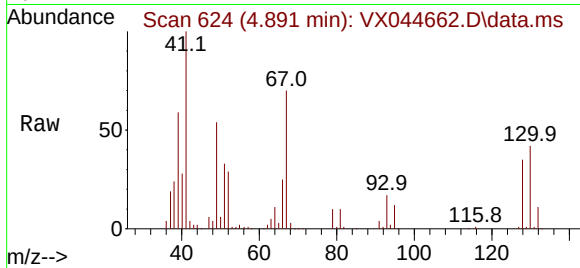




#1  
 Bromochloromethane  
 Concen: 30.000 ug/l  
 RT: 4.891 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: VX044662.D  
 Acq: 16 Jan 2025 09:49

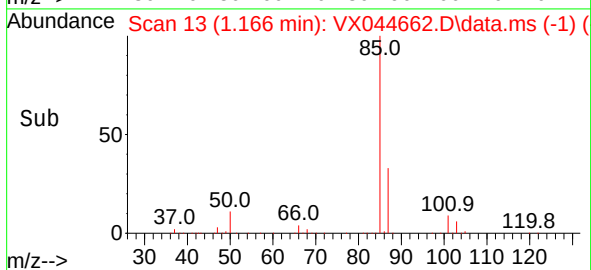
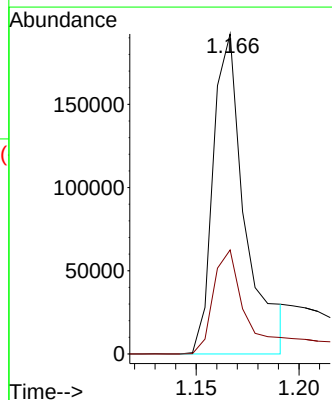
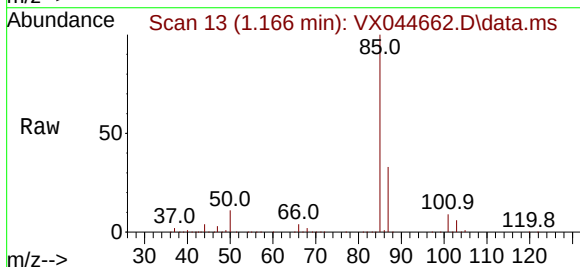
Instrument :  
 MSVOA\_X  
 ClientSampleId :

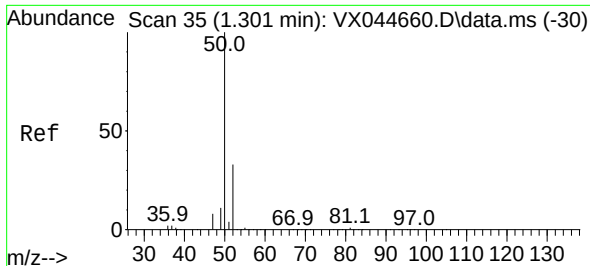
Tgt Ion:128 Resp: 26822  
 Ion Ratio Lower Upper  
 128 100  
 49 167.6 0.0 411.5  
 130 131.0 0.0 324.3



#2  
 Dichlorodifluoromethane  
 Concen: 96.431 ug/l  
 RT: 1.166 min Scan# 13  
 Delta R.T. 0.000 min  
 Lab File: VX044662.D  
 Acq: 16 Jan 2025 09:49

Tgt Ion: 85 Resp: 207715  
 Ion Ratio Lower Upper  
 85 100  
 87 32.5 16.6 49.8

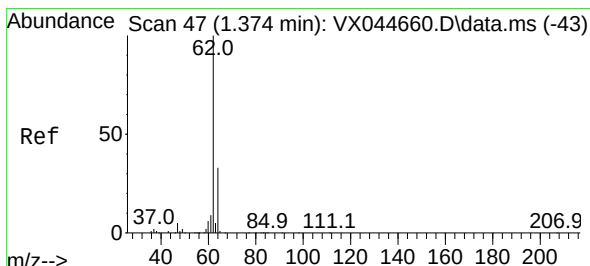
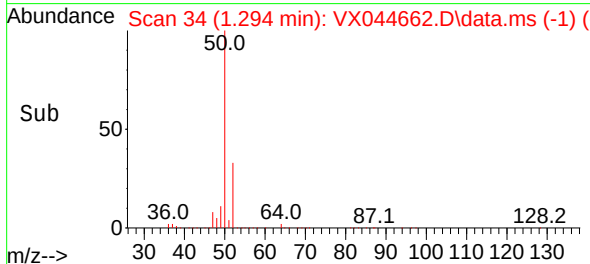
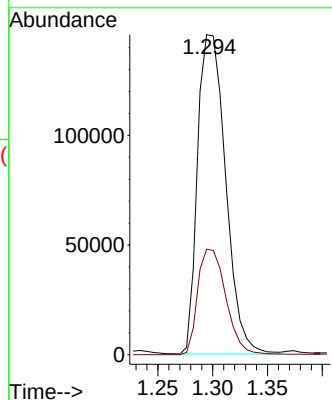
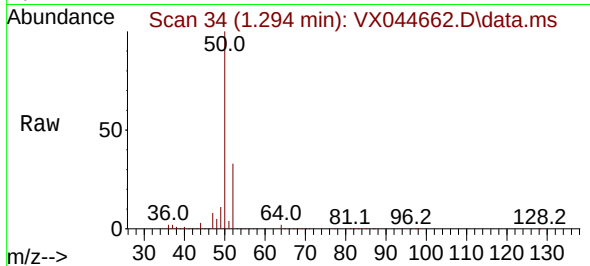




#3  
Chloromethane  
Concen: 103.718 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.006 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

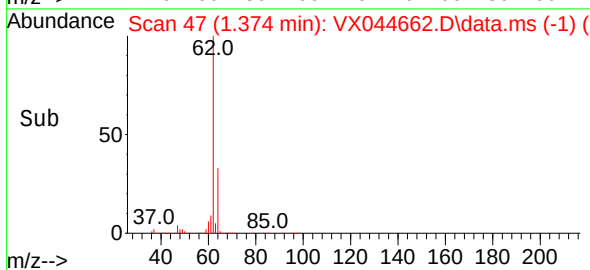
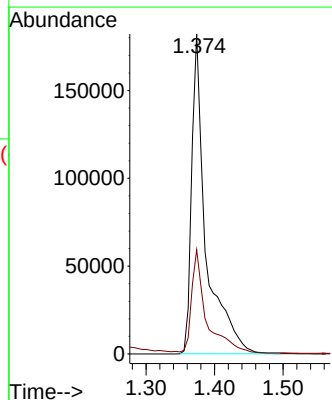
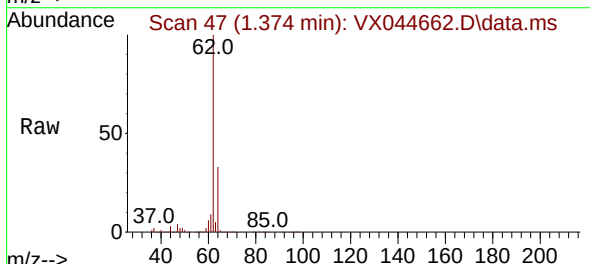
Instrument :  
MSVOA\_X  
ClientSampleId :

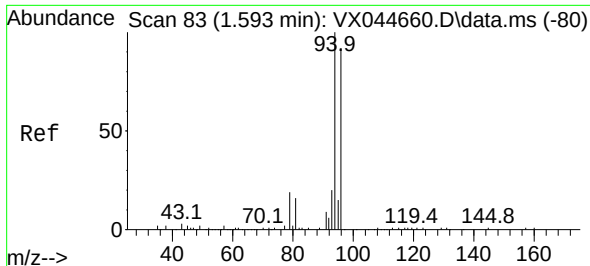
Tgt Ion: 50 Resp: 260185  
Ion Ratio Lower Upper  
50 100  
52 33.0 26.5 39.7



#4  
Vinyl Chloride  
Concen: 107.561 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

Tgt Ion: 62 Resp: 264006  
Ion Ratio Lower Upper  
62 100  
64 32.2 27.3 40.9

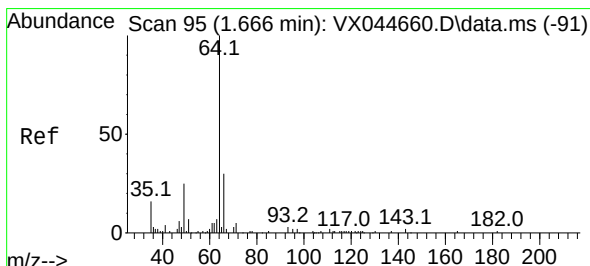
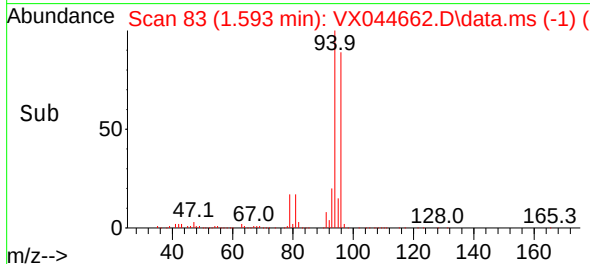
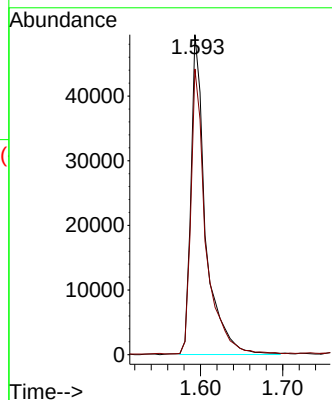
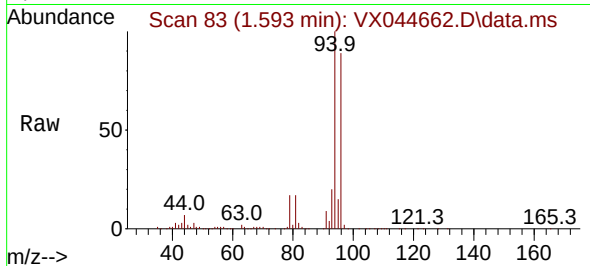




#5  
Bromomethane  
Concen: 103.072 ug/l  
RT: 1.593 min Scan# 83  
Delta R.T. 0.000 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

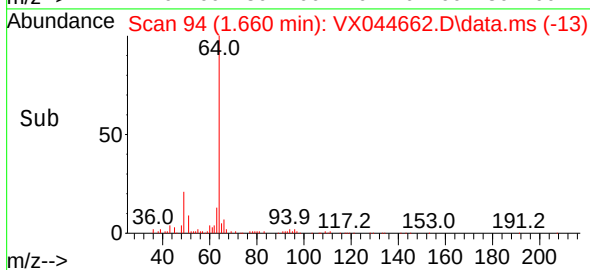
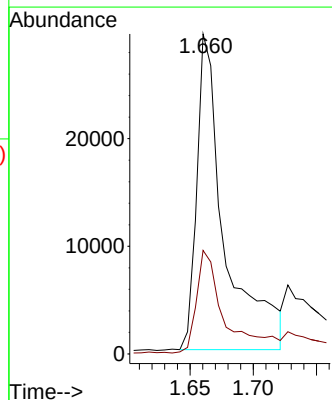
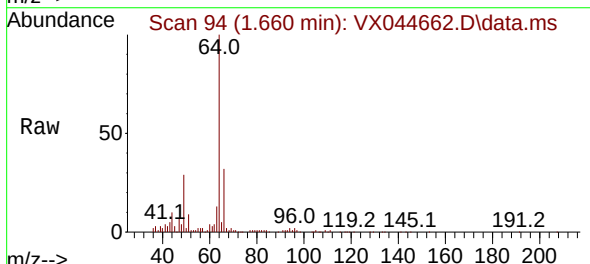
Instrument :  
MSVOA\_X  
ClientSampleId :

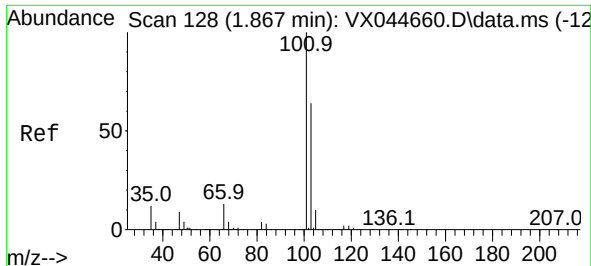
Tgt Ion: 94 Resp: 61090  
Ion Ratio Lower Upper  
94 100  
96 89.2 73.3 109.9



#6  
Chloroethane  
Concen: 114.088 ug/l  
RT: 1.660 min Scan# 94  
Delta R.T. -0.006 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

Tgt Ion: 64 Resp: 45219  
Ion Ratio Lower Upper  
64 100  
66 32.1 23.8 35.6

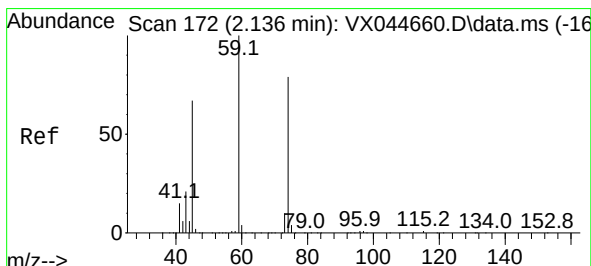
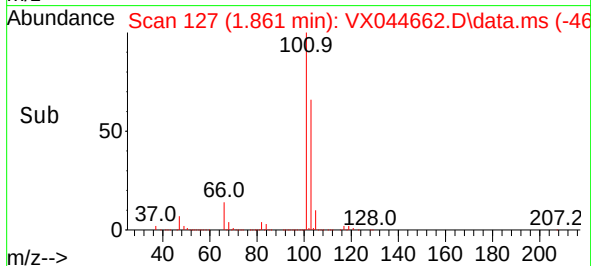
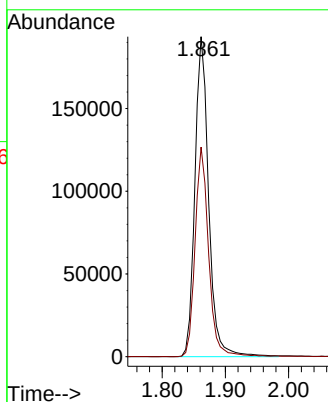
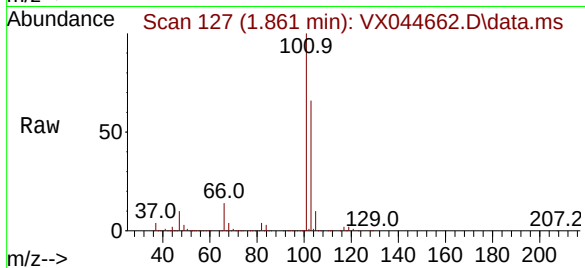




#7  
Trichlorofluoromethane  
Concen: 109.142 ug/l  
RT: 1.861 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

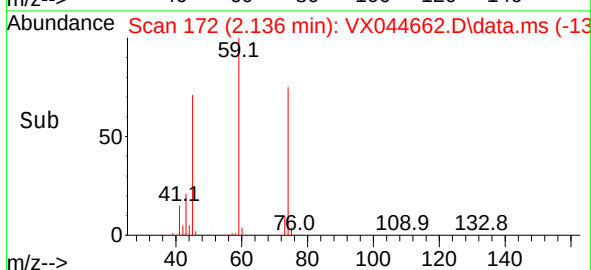
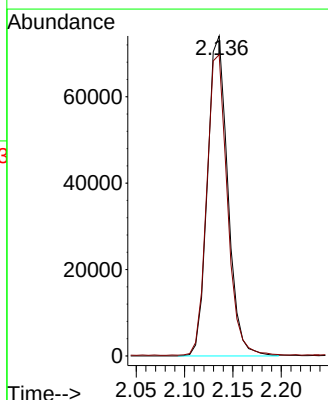
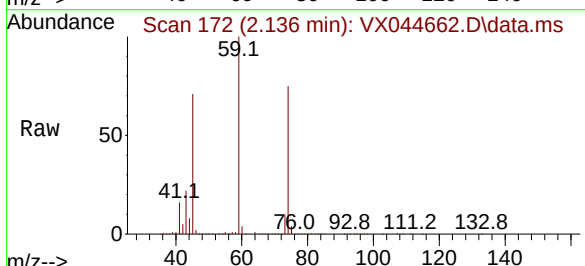
Instrument :  
MSVOA\_X  
ClientSampleId :

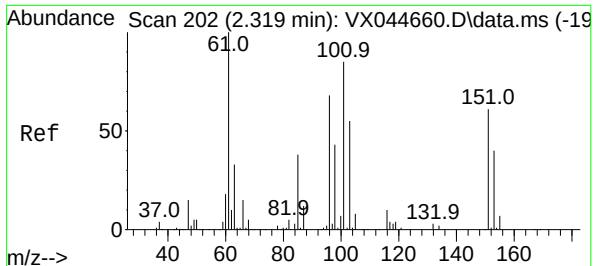
Tgt Ion:101 Resp: 293373  
Ion Ratio Lower Upper  
101 100  
103 65.5 51.1 76.7



#8  
Diethyl Ether  
Concen: 104.658 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.000 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

Tgt Ion: 74 Resp: 108527  
Ion Ratio Lower Upper  
74 100  
45 94.8 18.8 168.8

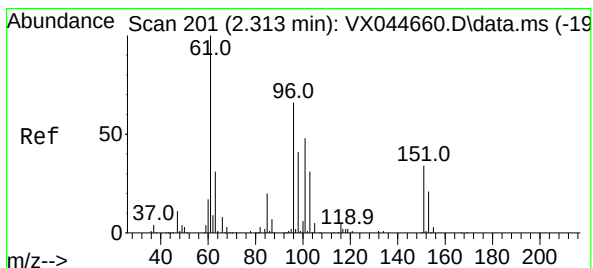
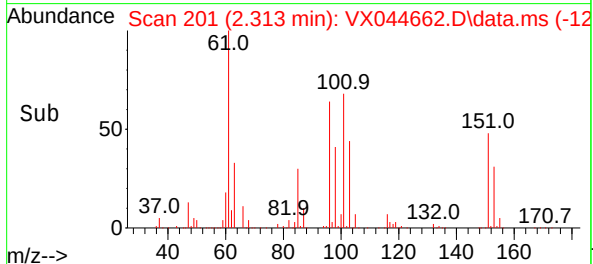
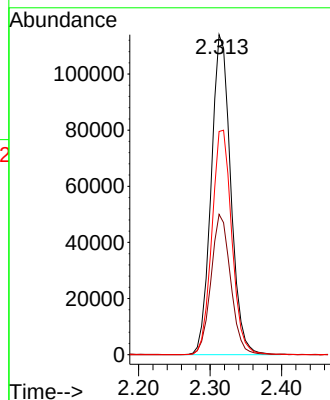
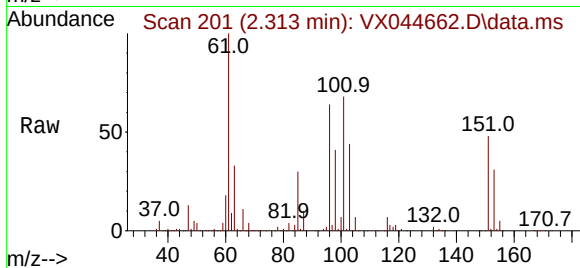




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 112.529 ug/l  
RT: 2.313 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

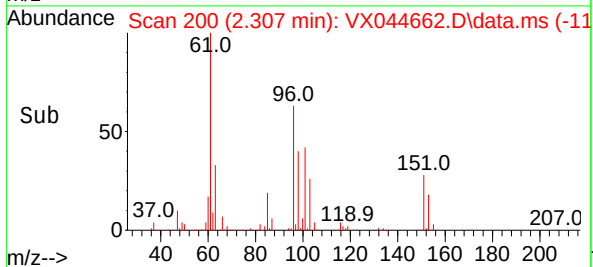
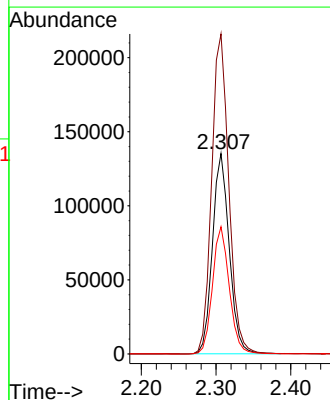
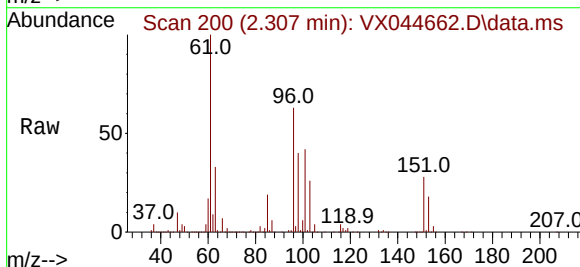
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:101 Resp: 216700  
Ion Ratio Lower Upper  
101 100  
85 43.8 0.0 88.0  
151 71.5 0.0 147.0

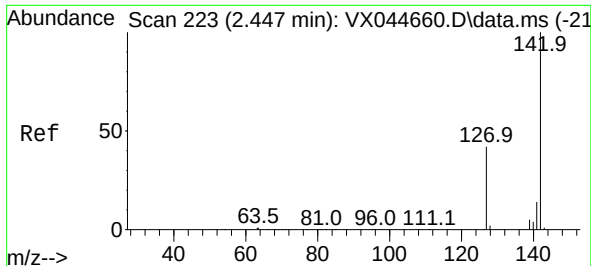


#10  
1,1-Dichloroethene  
Concen: 106.464 ug/l  
RT: 2.307 min Scan# 200  
Delta R.T. -0.006 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

Tgt Ion: 96 Resp: 210933  
Ion Ratio Lower Upper  
96 100  
61 159.7 121.6 182.4  
98 63.4 50.3 75.5

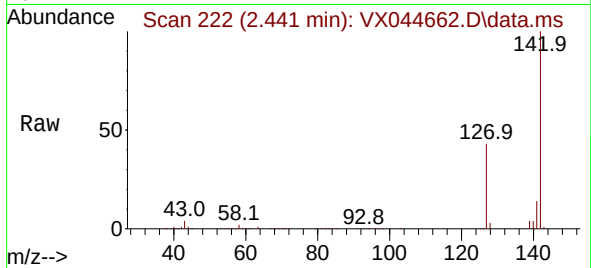




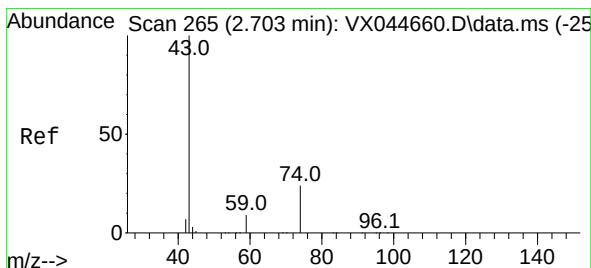
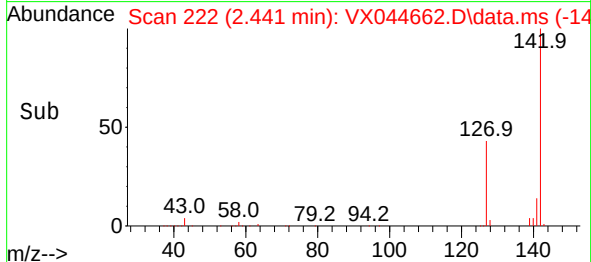
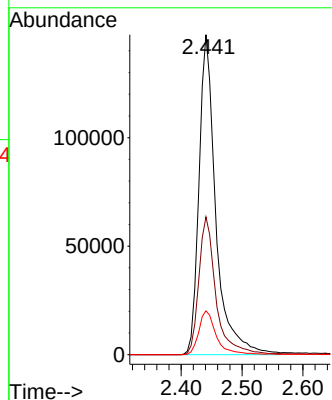


#11  
Methyl Iodide  
Concen: 103.236 ug/l  
RT: 2.441 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

Instrument :  
MSVOA\_X  
ClientSampleId :

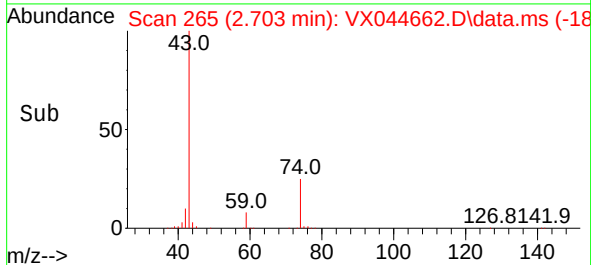
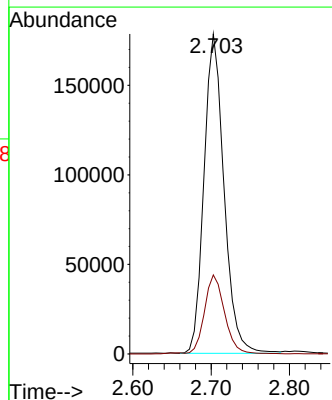
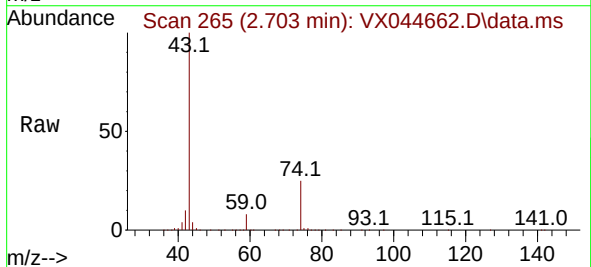


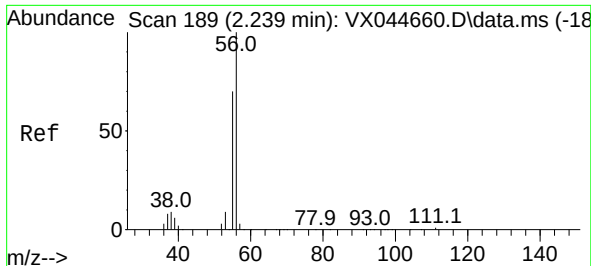
Tgt Ion:142 Resp: 283426  
Ion Ratio Lower Upper  
142 100  
127 43.0 20.8 62.4  
141 13.7 7.0 20.9



#12  
Methyl Acetate  
Concen: 109.420 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. 0.000 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

Tgt Ion: 43 Resp: 316480  
Ion Ratio Lower Upper  
43 100  
74 24.6 19.4 29.2

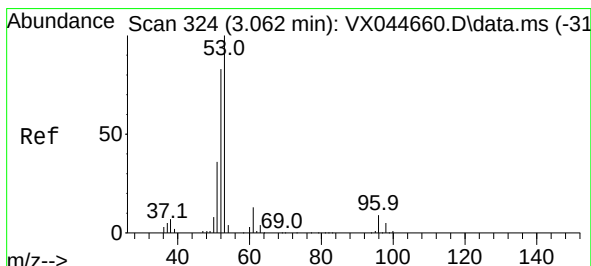
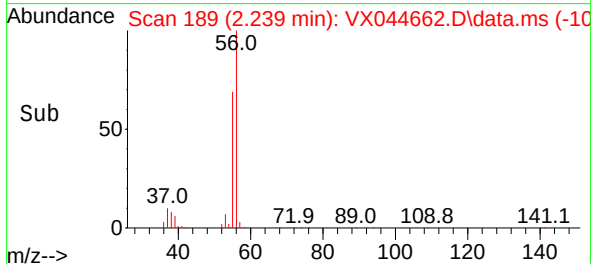
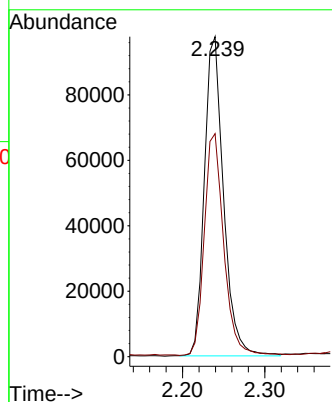
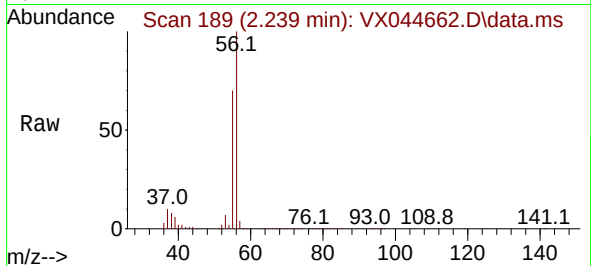




#13  
Acrolein  
Concen: 493.161 ug/l  
RT: 2.239 min Scan# 189  
Delta R.T. 0.000 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

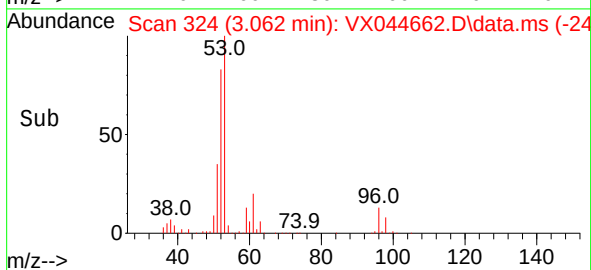
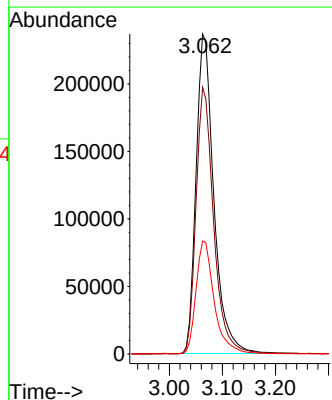
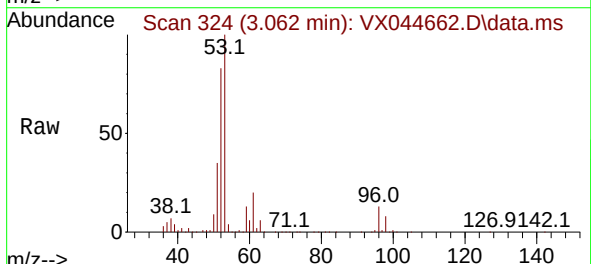
Instrument :  
MSVOA\_X  
ClientSampleId :

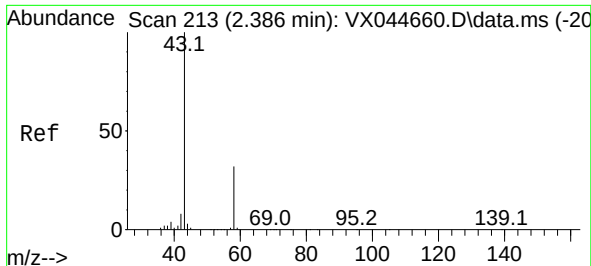
Tgt Ion: 56 Resp: 157728  
Ion Ratio Lower Upper  
56 100  
55 70.7 57.5 86.3



#14  
Acrylonitrile  
Concen: 523.451 ug/l  
RT: 3.062 min Scan# 324  
Delta R.T. 0.000 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

Tgt Ion: 53 Resp: 551693  
Ion Ratio Lower Upper  
53 100  
52 82.7 41.4 124.2  
51 35.9 18.1 54.4

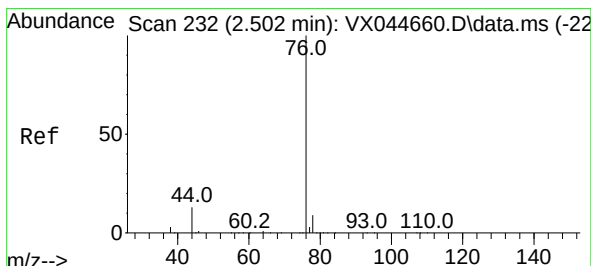
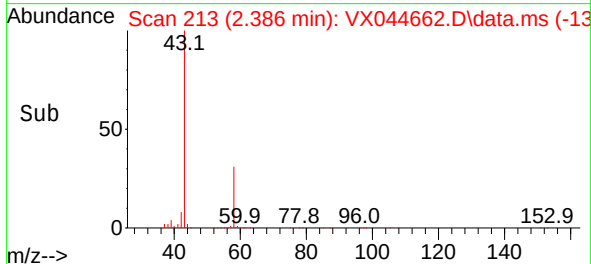
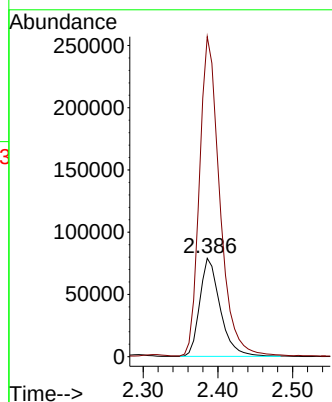
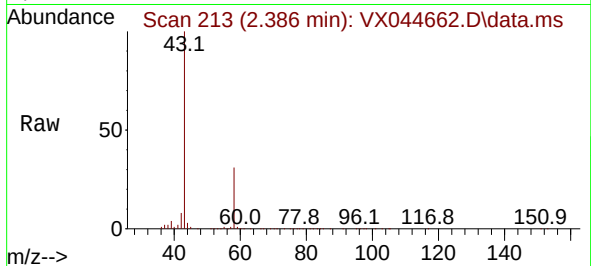




#15  
Acetone  
Concen: 530.181 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.000 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

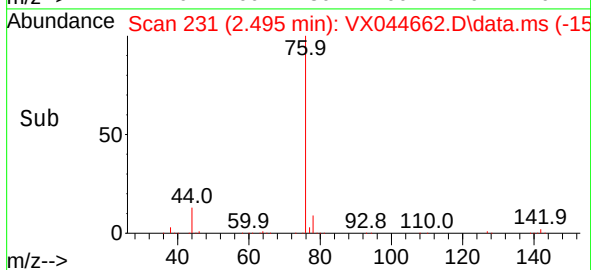
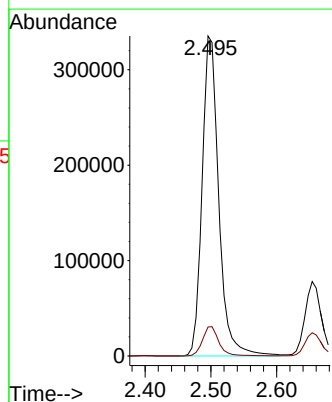
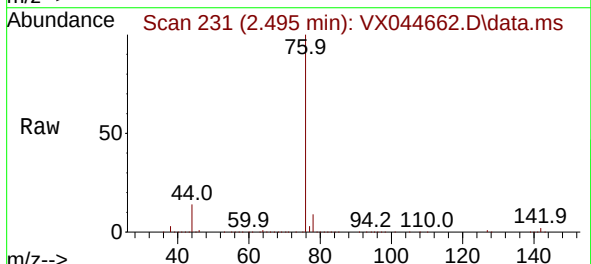
Instrument :  
MSVOA\_X  
ClientSampleId :

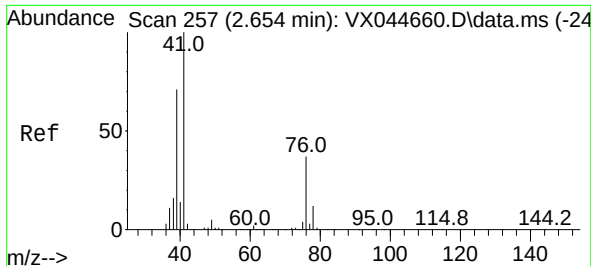
Tgt Ion: 58 Resp: 149940  
Ion Ratio Lower Upper  
58 100  
43 325.0 251.0 376.4



#16  
Carbon Disulfide  
Concen: 107.175 ug/l  
RT: 2.495 min Scan# 231  
Delta R.T. -0.006 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

Tgt Ion: 76 Resp: 590082  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.3 10.9

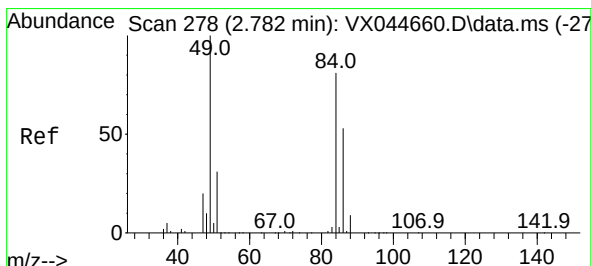
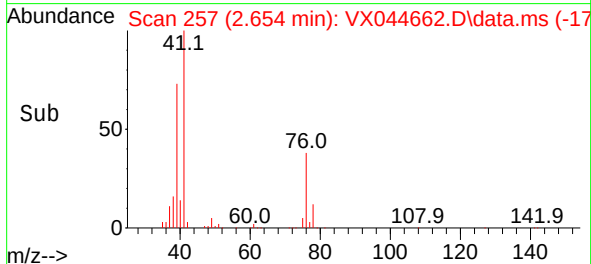
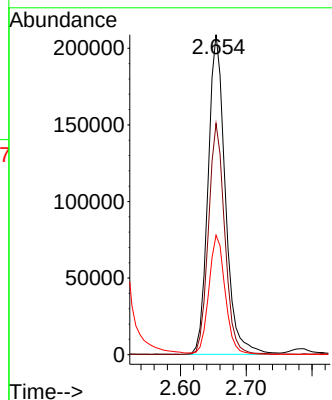
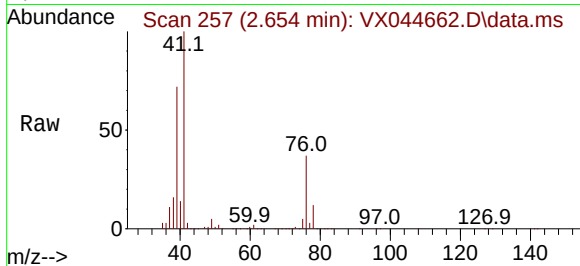




#17  
 Allyl chloride  
 Concen: 107.032 ug/l  
 RT: 2.654 min Scan# 257  
 Delta R.T. 0.000 min  
 Lab File: VX044662.D  
 Acq: 16 Jan 2025 09:49

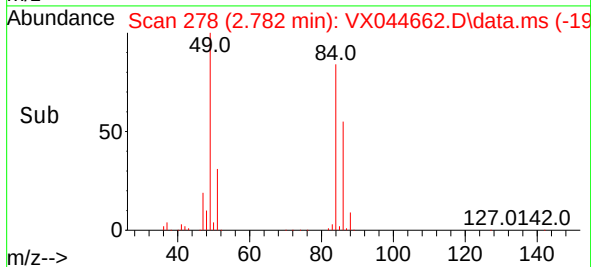
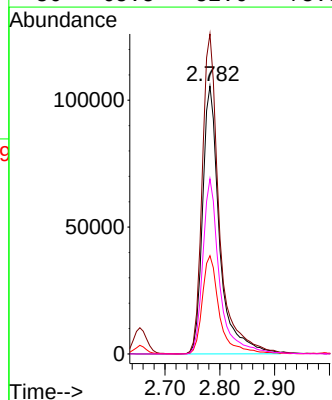
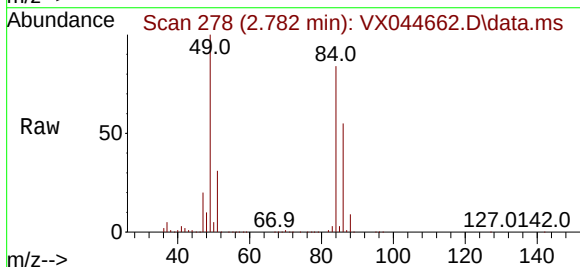
Instrument :  
 MSVOA\_X  
 ClientSampleId :

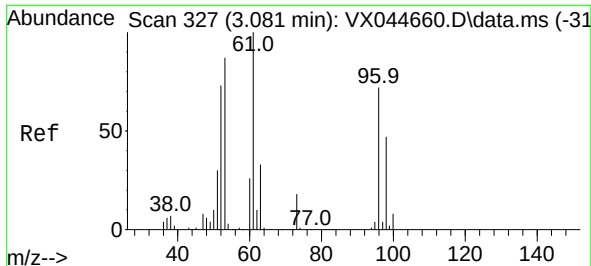
Tgt Ion: 41 Resp: 382410  
 Ion Ratio Lower Upper  
 41 100  
 39 72.2 35.6 106.8  
 76 37.2 18.9 56.5



#18  
 Methylene Chloride  
 Concen: 102.839 ug/l  
 RT: 2.782 min Scan# 278  
 Delta R.T. 0.000 min  
 Lab File: VX044662.D  
 Acq: 16 Jan 2025 09:49

Tgt Ion: 84 Resp: 228084  
 Ion Ratio Lower Upper  
 84 100  
 49 119.5 98.3 147.5  
 51 36.6 30.6 46.0  
 86 65.5 52.6 78.8





#19

trans-1,2-Dichloroethene

Concen: 104.651 ug/l

RT: 3.081 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA\_X

ClientSampleId :

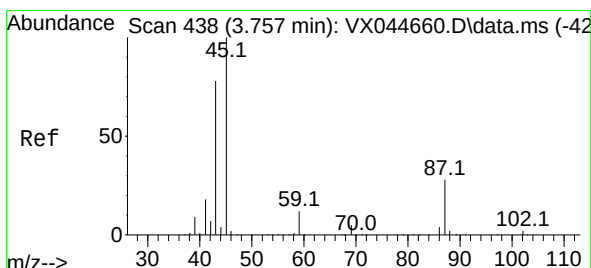
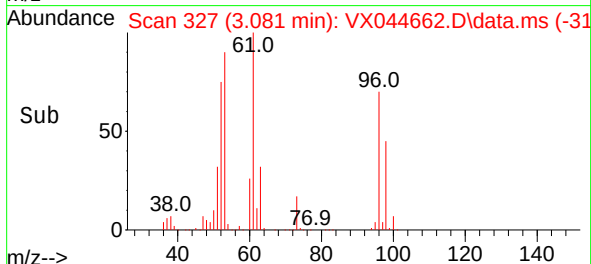
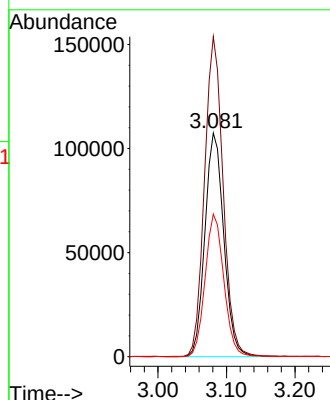
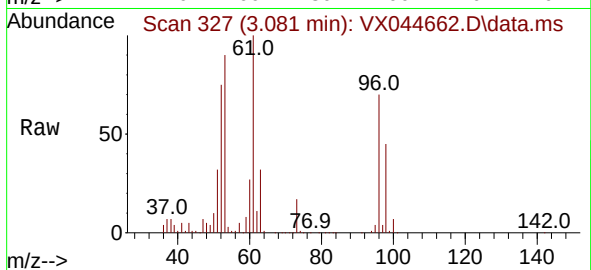
Tgt Ion: 96 Resp: 206160

Ion Ratio Lower Upper

96 100

61 143.0 111.5 167.3

98 63.7 52.6 79.0



#20

Diisopropyl ether

Concen: 102.175 ug/l

RT: 3.757 min Scan# 438

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Tgt Ion: 45 Resp: 662597

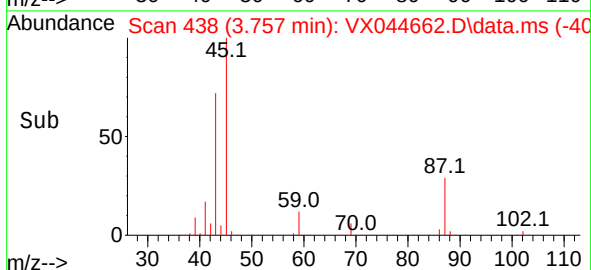
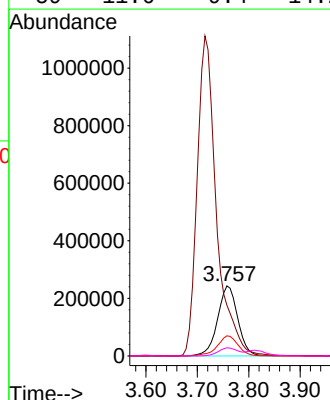
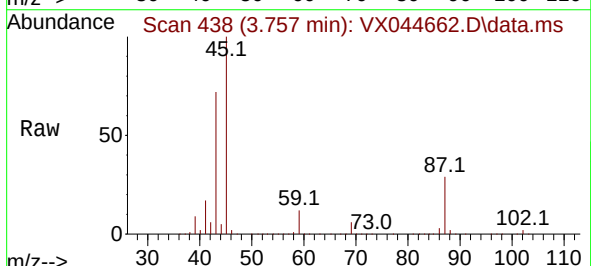
Ion Ratio Lower Upper

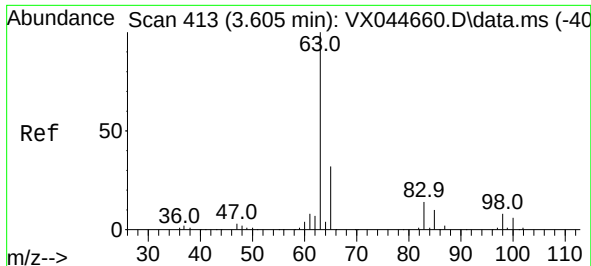
45 100

43 72.0 62.6 94.0

87 28.8 22.7 34.1

59 11.6 9.4 14.2

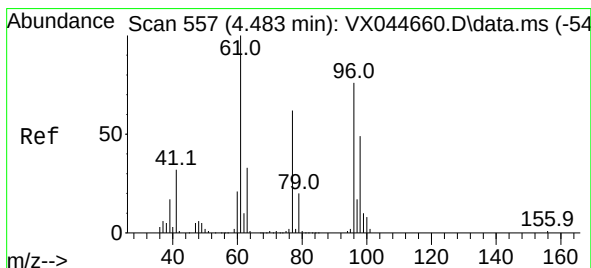
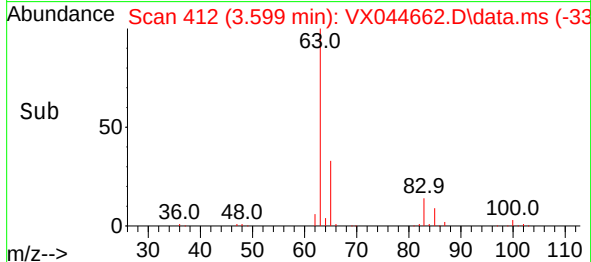
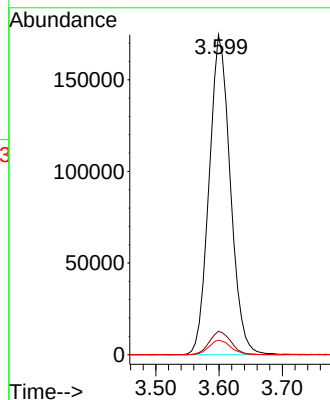
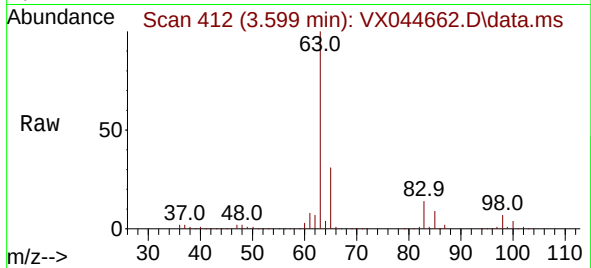




#21  
1,1-Dichloroethane  
Concen: 105.660 ug/l  
RT: 3.599 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

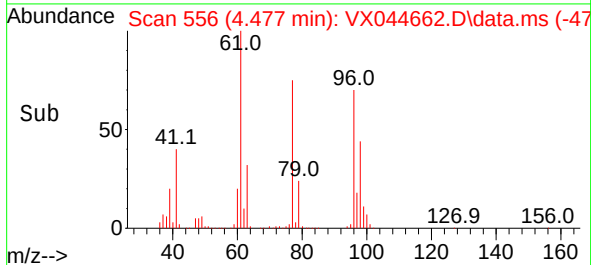
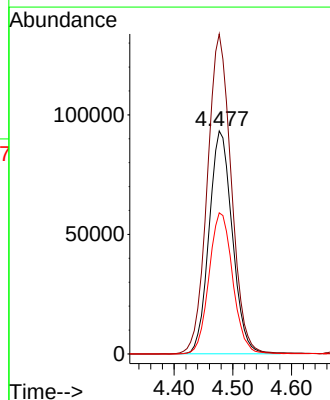
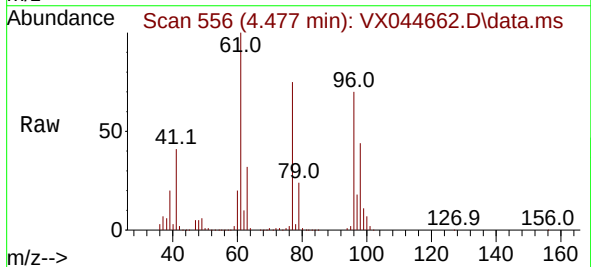
Instrument :  
MSVOA\_X  
ClientSampleId :

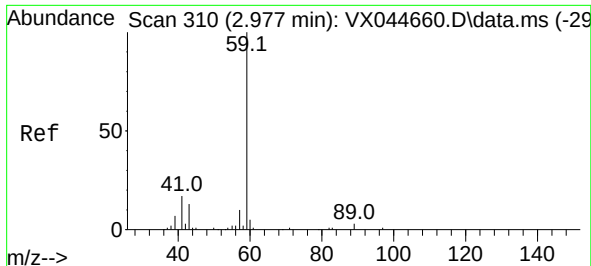
Tgt Ion: 63 Resp: 406465  
Ion Ratio Lower Upper  
63 100  
98 7.4 4.0 11.9  
100 4.5 2.8 8.3



#22  
cis-1,2-Dichloroethene  
Concen: 104.980 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. -0.006 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

Tgt Ion: 96 Resp: 255966  
Ion Ratio Lower Upper  
96 100  
61 147.9 115.2 172.8  
98 64.8 51.8 77.6

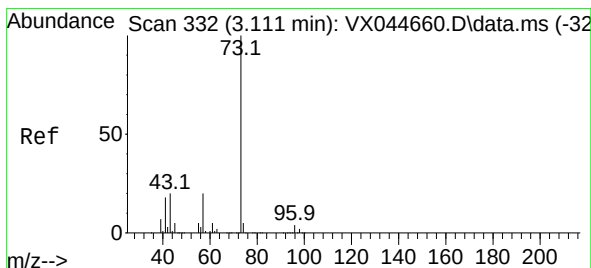
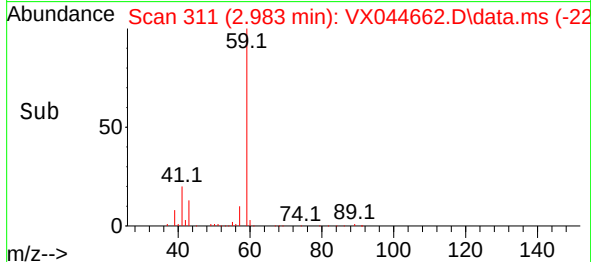
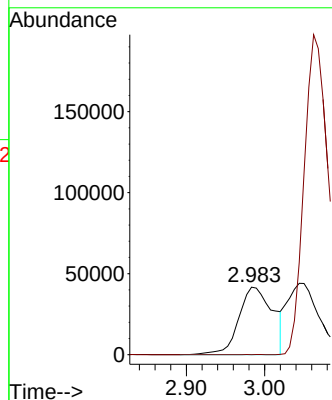
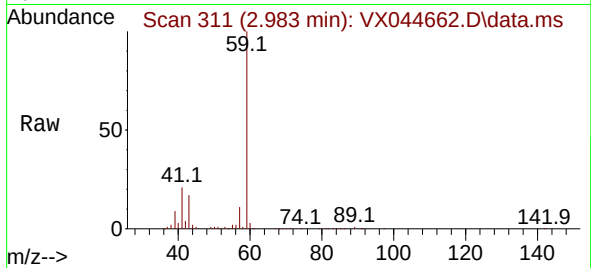




#23  
tert-Butyl Alcohol  
Concen: 275.706 ug/l  
RT: 2.983 min Scan# 311  
Delta R.T. 0.006 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

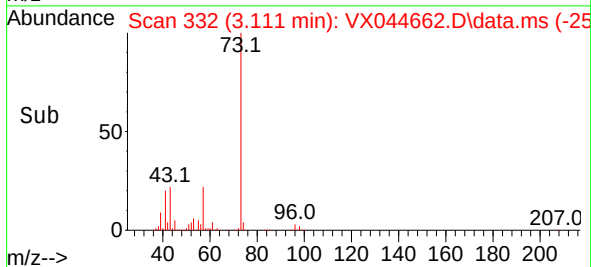
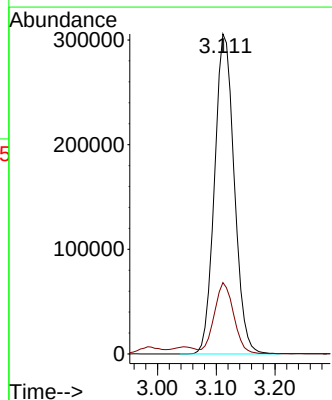
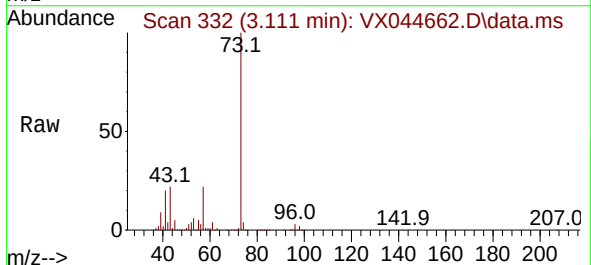
Instrument :  
MSVOA\_X  
ClientSampleId :

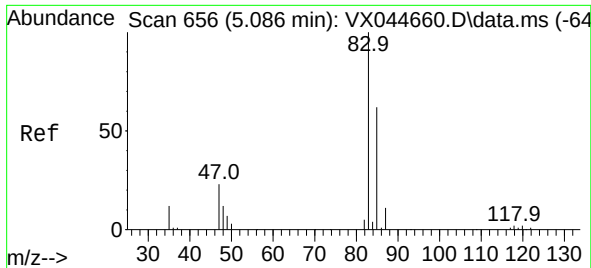
Tgt Ion: 59 Resp: 126065  
Ion Ratio Lower Upper  
59 100  
52 0.1 0.1 0.1



#24  
Methyl tert-Butyl Ether  
Concen: 103.853 ug/l  
RT: 3.111 min Scan# 332  
Delta R.T. 0.000 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

Tgt Ion: 73 Resp: 712903  
Ion Ratio Lower Upper  
73 100  
43 21.7 16.9 25.3

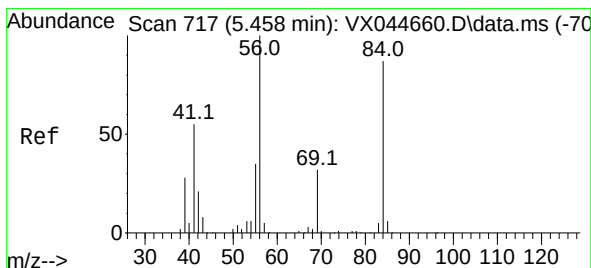
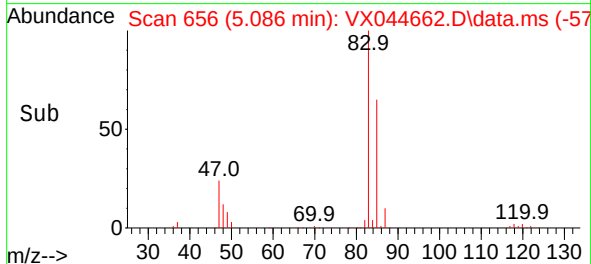
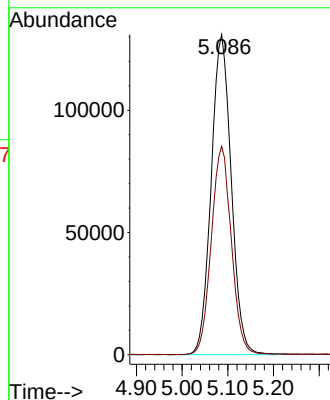
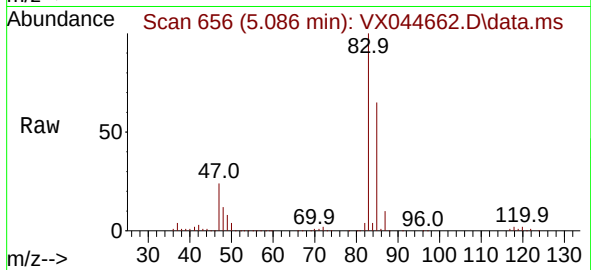




#25  
Chloroform  
Concen: 104.534 ug/l  
RT: 5.086 min Scan# 656  
Delta R.T. 0.000 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

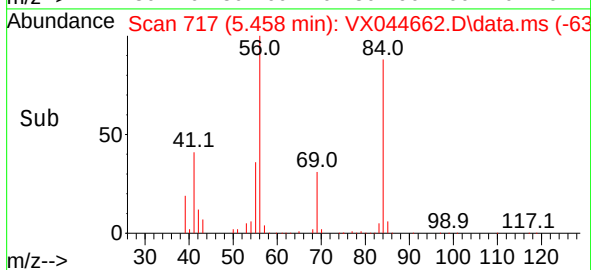
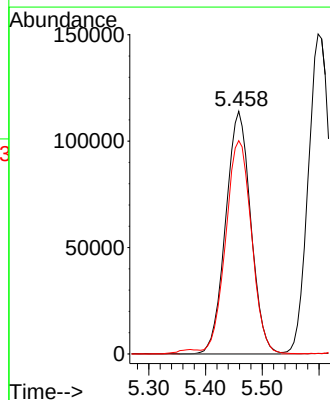
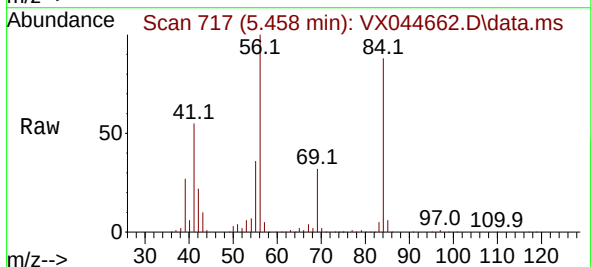
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 83 Resp: 399572  
Ion Ratio Lower Upper  
83 100  
85 65.1 49.4 74.2

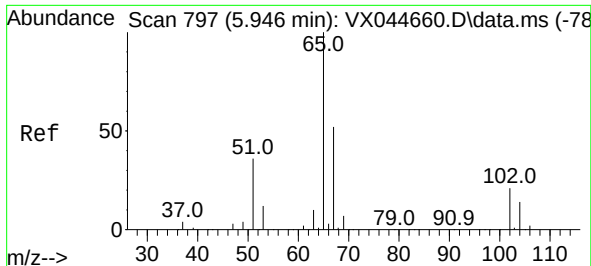


#26  
Cyclohexane  
Concen: 108.611 ug/l  
RT: 5.458 min Scan# 717  
Delta R.T. 0.000 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

Tgt Ion: 56 Resp: 351156  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0#  
84 90.6 72.2 108.4



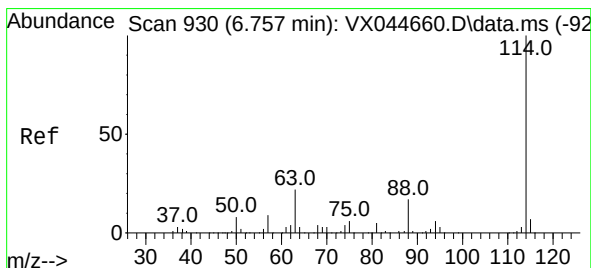
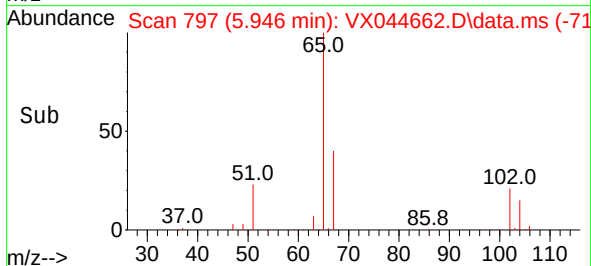
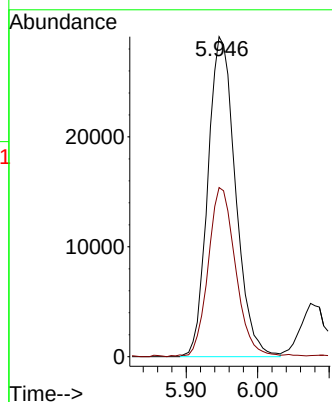
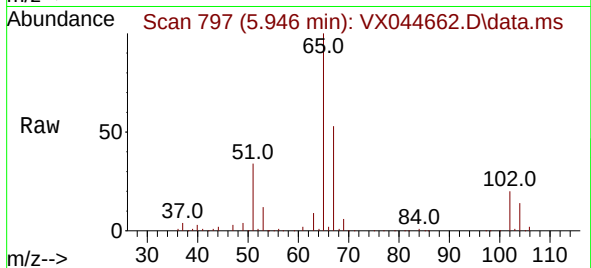




#27  
 1,2-Dichloroethane-d4  
 Concen: 30.205 ug/l  
 RT: 5.946 min Scan# 797  
 Delta R.T. 0.000 min  
 Lab File: VX044662.D  
 Acq: 16 Jan 2025 09:49

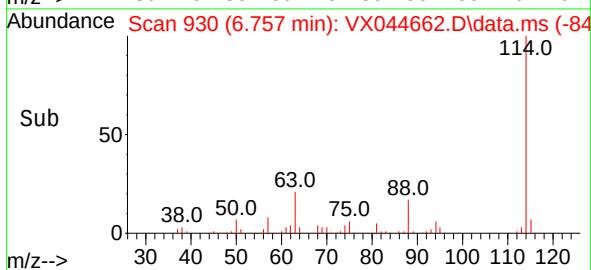
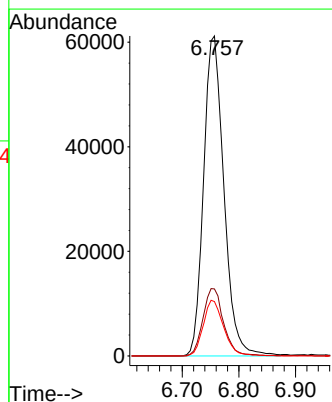
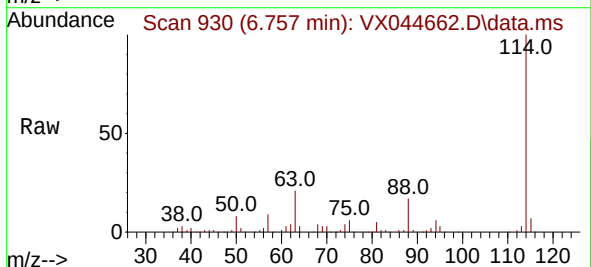
Instrument :  
 MSVOA\_X  
 ClientSampleId :

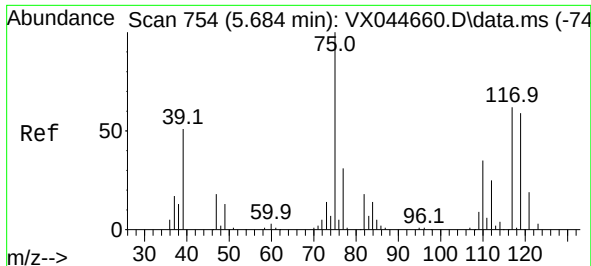
Tgt Ion: 65 Resp: 78213  
 Ion Ratio Lower Upper  
 65 100  
 67 51.7 41.4 62.2



#28  
 1,4-Difluorobenzene  
 Concen: 30.000 ug/l  
 RT: 6.757 min Scan# 930  
 Delta R.T. 0.000 min  
 Lab File: VX044662.D  
 Acq: 16 Jan 2025 09:49

Tgt Ion: 114 Resp: 152295  
 Ion Ratio Lower Upper  
 114 100  
 63 21.3 16.6 24.8  
 88 17.5 13.4 20.2

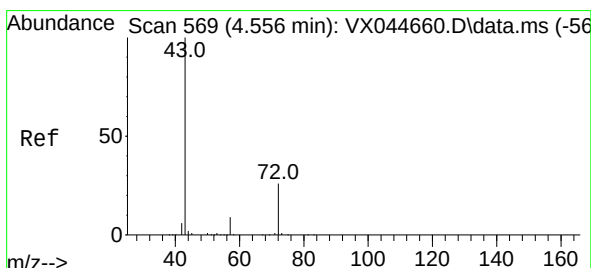
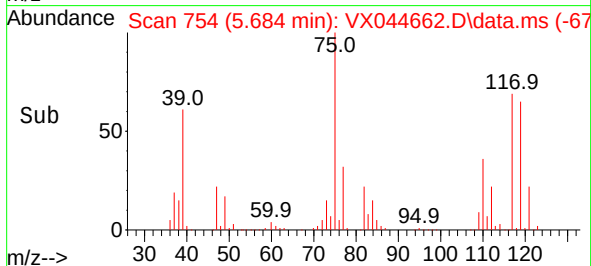
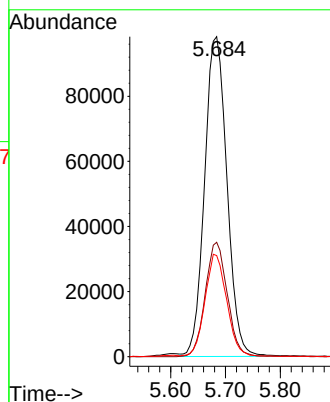
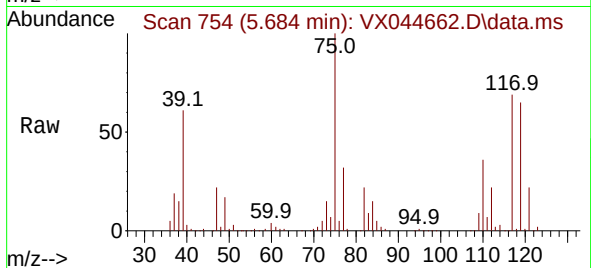




#29  
1,1-Dichloropropene  
Concen: 105.354 ug/l  
RT: 5.684 min Scan# 754  
Delta R.T. 0.000 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

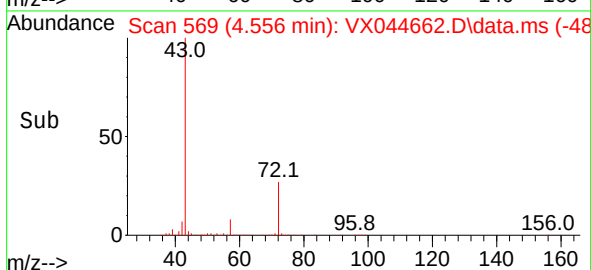
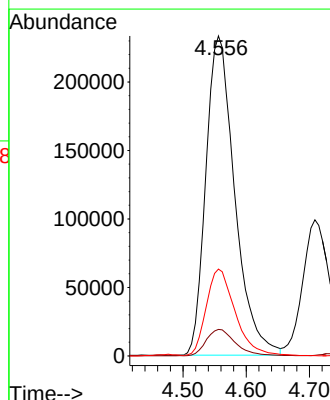
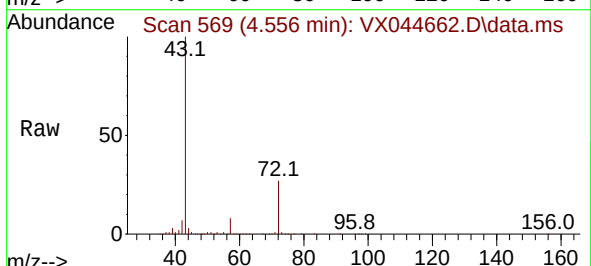
Instrument :  
MSVOA\_X  
ClientSampleId :

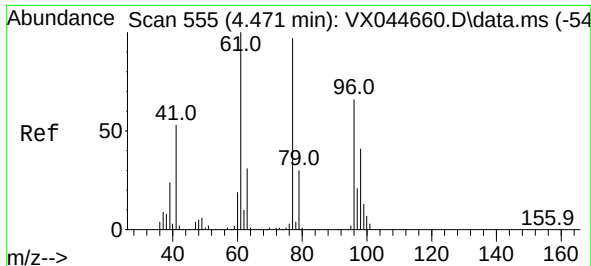
Tgt Ion: 75 Resp: 279081  
Ion Ratio Lower Upper  
75 100  
110 35.0 0.0 69.4  
77 30.9 0.0 59.8



#30  
2-Butanone  
Concen: 508.557 ug/l  
RT: 4.556 min Scan# 569  
Delta R.T. 0.000 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

Tgt Ion: 43 Resp: 740025  
Ion Ratio Lower Upper  
43 100  
57 8.3 6.4 9.6  
72 26.9 21.5 32.3





#31

2,2-Dichloropropane

Concen: 102.674 ug/l

RT: 4.465 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA\_X

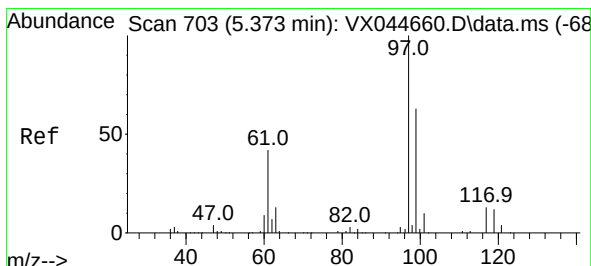
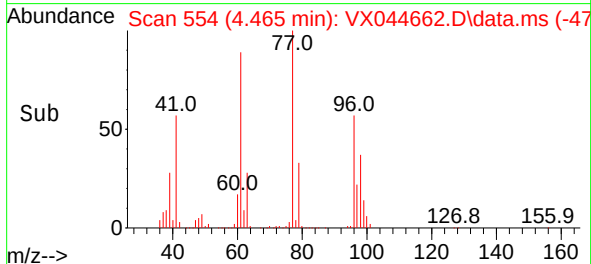
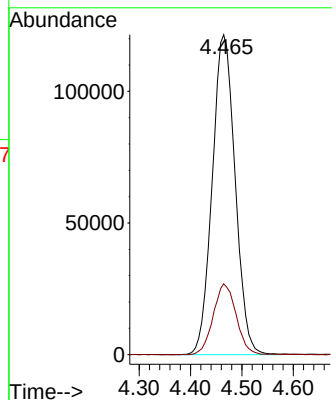
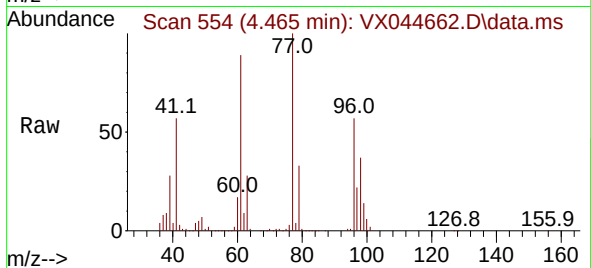
ClientSampleId :

Tgt Ion: 77 Resp: 376371

Ion Ratio Lower Upper

77 100

97 22.2 18.6 27.8



#32

1,1,1-Trichloroethane

Concen: 102.399 ug/l

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

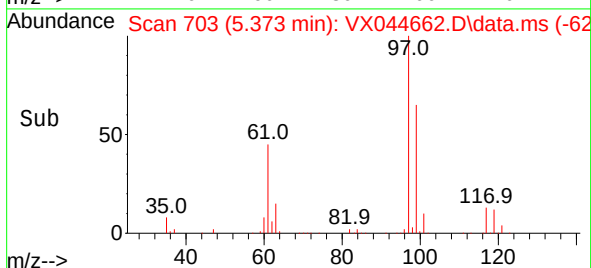
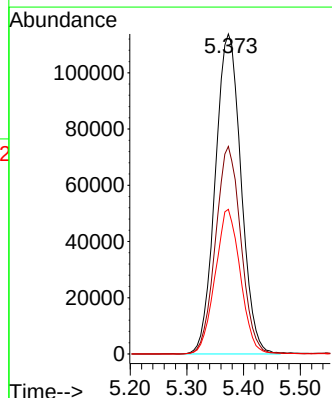
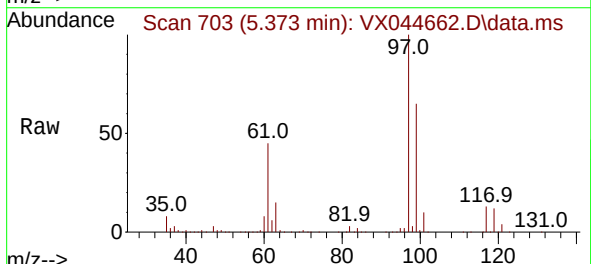
Tgt Ion: 97 Resp: 359473

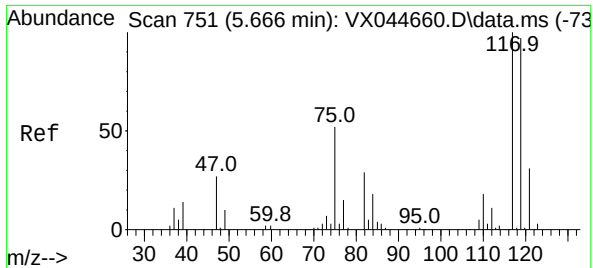
Ion Ratio Lower Upper

97 100

99 63.9 50.5 75.7

61 44.3 34.6 51.8

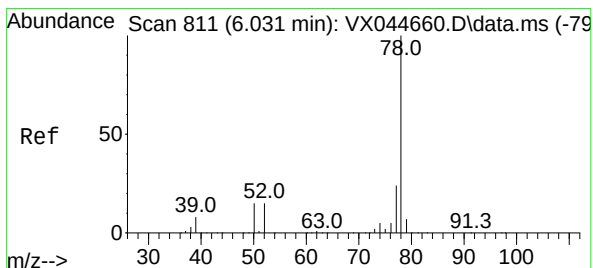
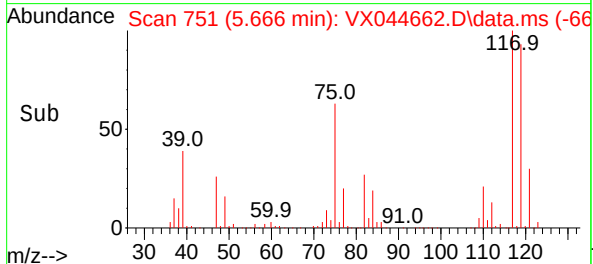
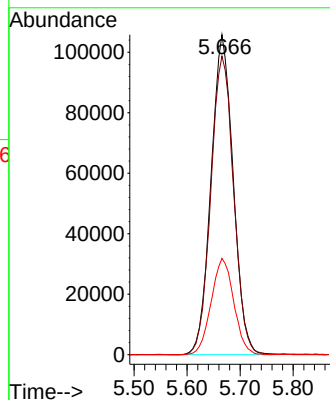
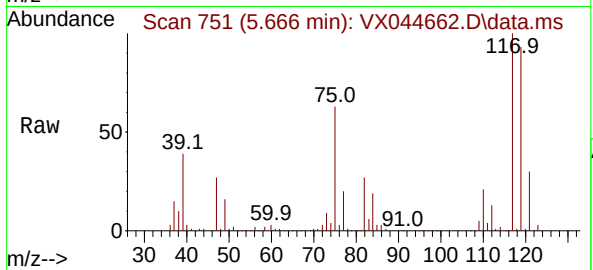




#33  
Carbon Tetrachloride  
Concen: 103.662 ug/l  
RT: 5.666 min Scan# 751  
Delta R.T. 0.000 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

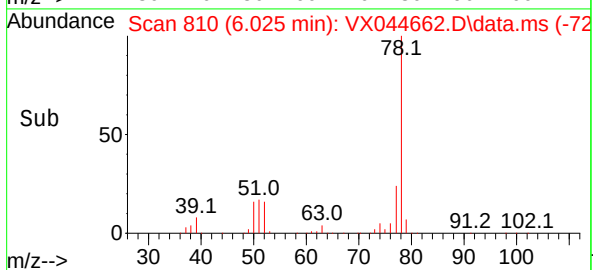
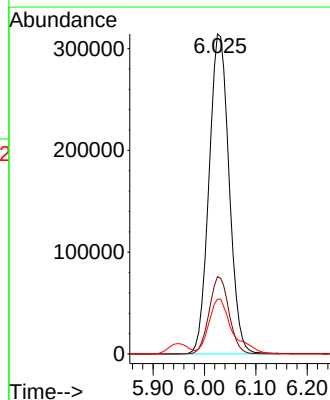
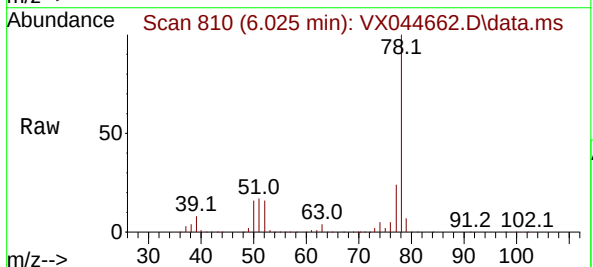
Instrument :  
MSVOA\_X  
ClientSampleId :

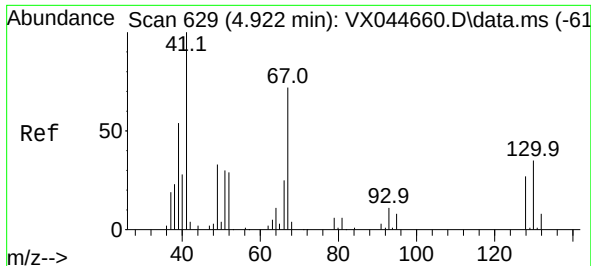
Tgt Ion:117 Resp: 306978  
Ion Ratio Lower Upper  
117 100  
119 93.3 77.3 115.9  
121 30.1 24.6 37.0



#34  
Benzene  
Concen: 100.973 ug/l  
RT: 6.025 min Scan# 810  
Delta R.T. -0.006 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

Tgt Ion: 78 Resp: 853368  
Ion Ratio Lower Upper  
78 100  
77 24.1 19.3 28.9  
51 17.0 12.7 19.1





#35

Methacrylonitrile

Concen: 103.905 ug/l

RT: 4.916 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA\_X

ClientSampleId :

Tgt Ion: 41 Resp: 168983

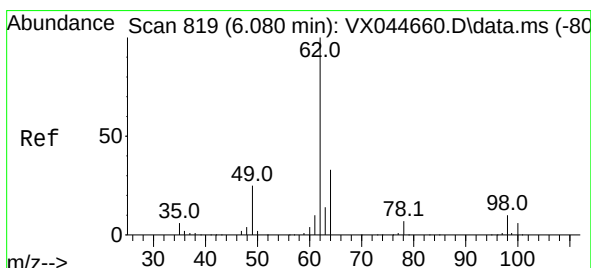
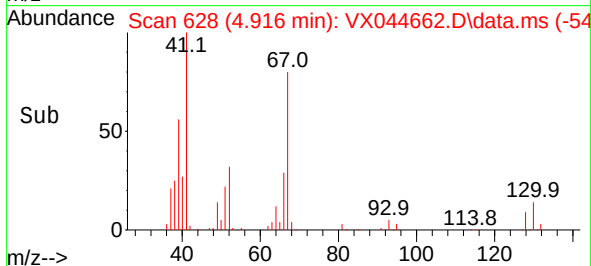
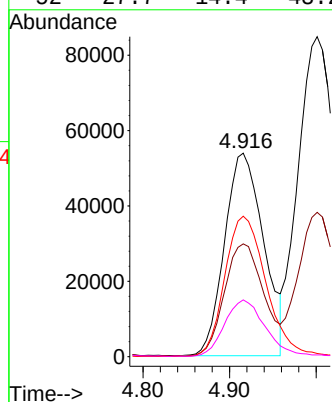
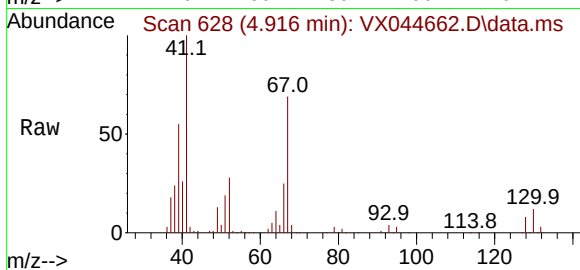
Ion Ratio Lower Upper

41 100

39 55.3 27.1 81.3

67 69.0 35.8 107.4

52 27.7 14.4 43.2



#36

1,2-Dichloroethane

Concen: 102.014 ug/l

RT: 6.080 min Scan# 819

Delta R.T. 0.000 min

Lab File: VX044662.D

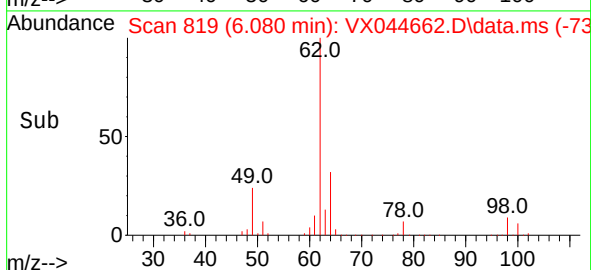
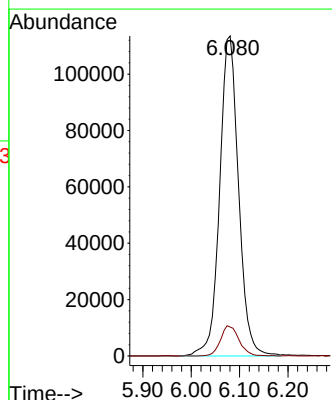
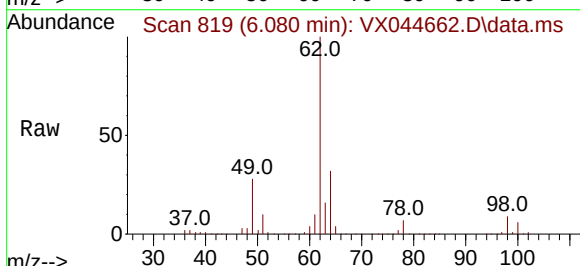
Acq: 16 Jan 2025 09:49

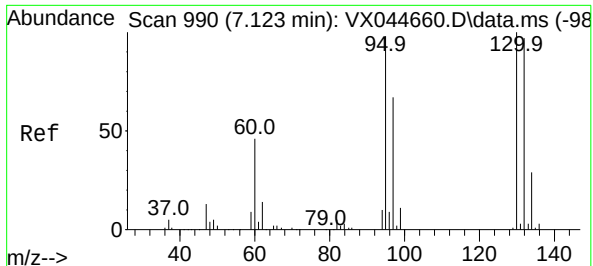
Tgt Ion: 62 Resp: 308254

Ion Ratio Lower Upper

62 100

98 9.2 7.4 11.2





#37

Trichloroethene

Concen: 105.483 ug/l

RT: 7.117 min Scan# 90

Delta R.T. -0.006 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA\_X

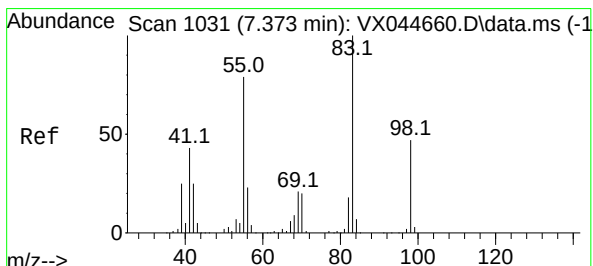
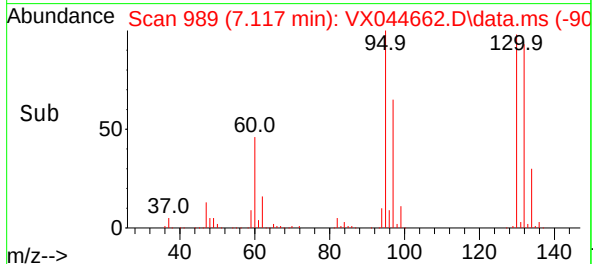
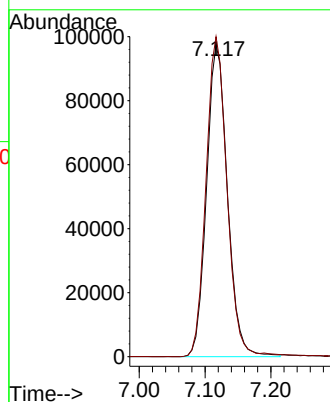
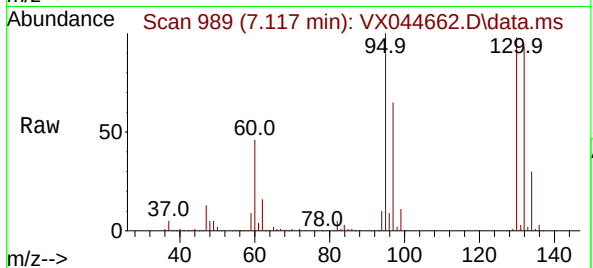
ClientSampleId :

Tgt Ion:130 Resp: 215237

Ion Ratio Lower Upper

130 100

95 102.5 78.2 117.4



#38

Methylcyclohexane

Concen: 109.448 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

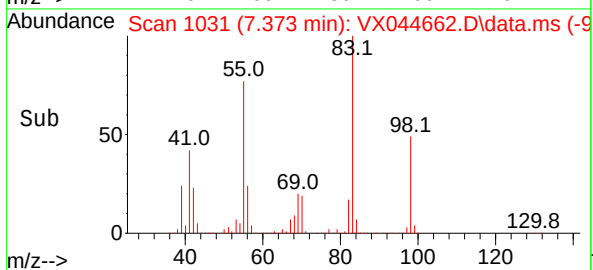
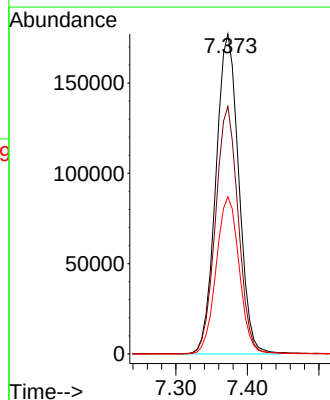
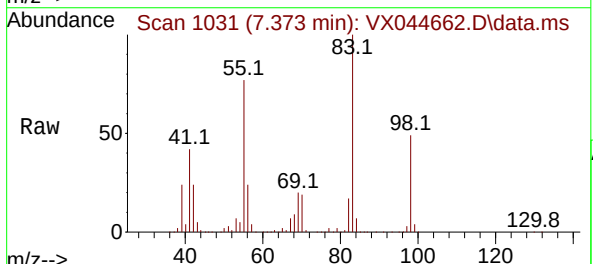
Tgt Ion: 83 Resp: 393920

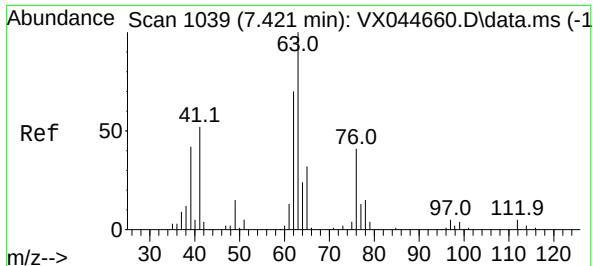
Ion Ratio Lower Upper

83 100

55 76.6 38.4 115.2

98 49.7 24.4 73.4





#39

1,2-Dichloropropane

Concen: 101.928 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA\_X

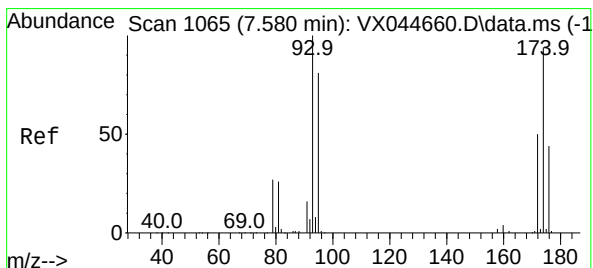
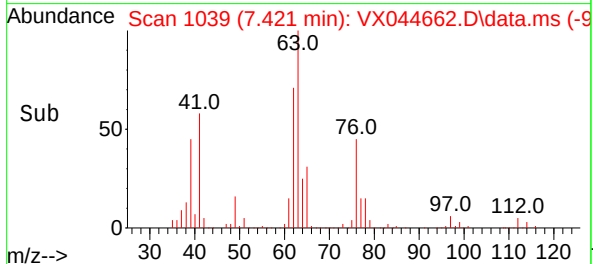
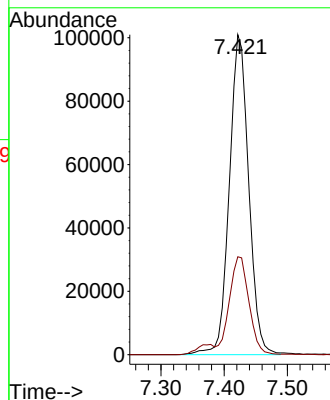
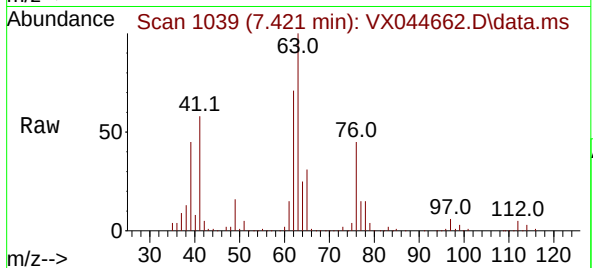
ClientSampleId :

Tgt Ion: 63 Resp: 214812

Ion Ratio Lower Upper

63 100

65 30.5 25.5 38.3



#40

Dibromomethane

Concen: 101.563 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

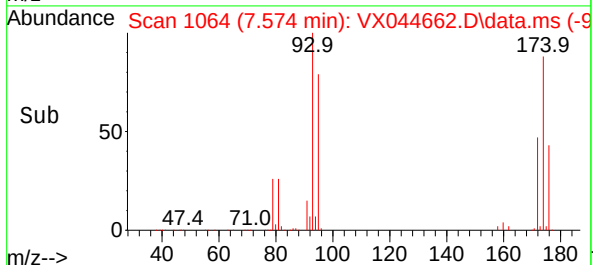
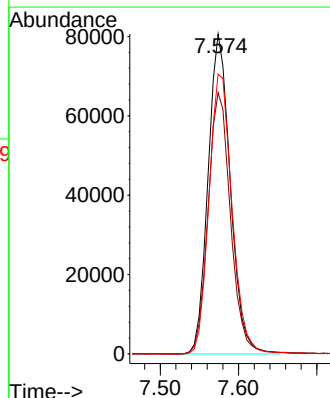
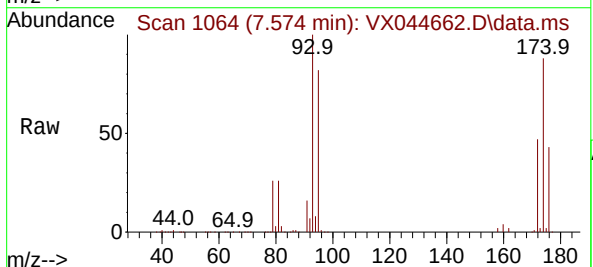
Tgt Ion: 93 Resp: 159130

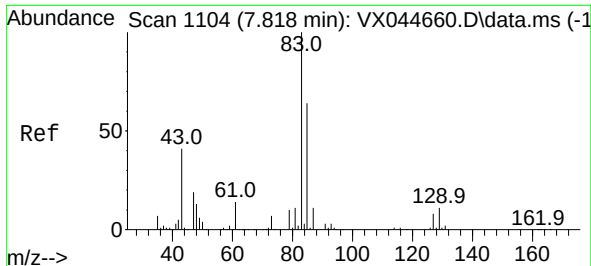
Ion Ratio Lower Upper

93 100

95 82.5 0.0 167.0

174 90.6 0.0 182.0

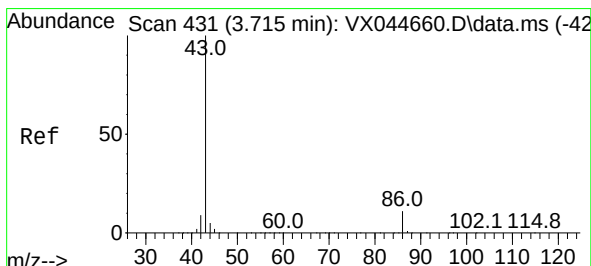
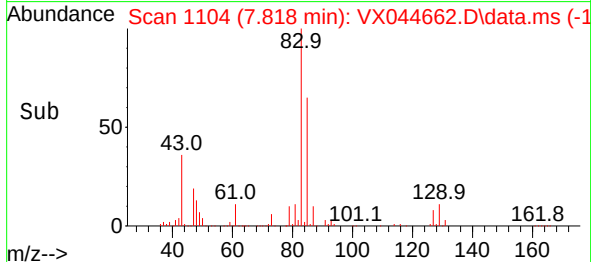
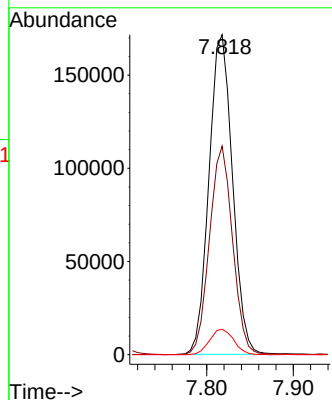
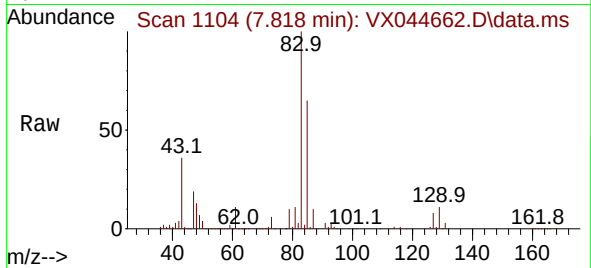




#41  
Bromodichloromethane  
Concen: 100.170 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. 0.000 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

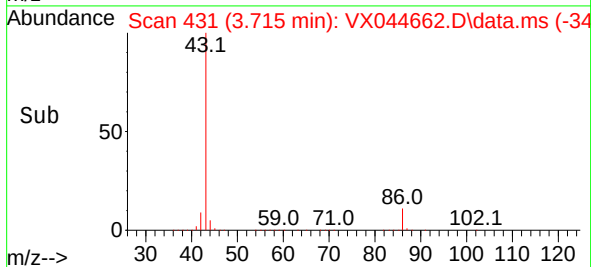
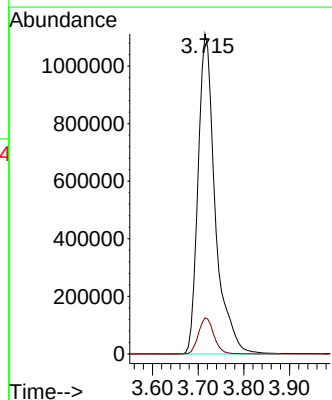
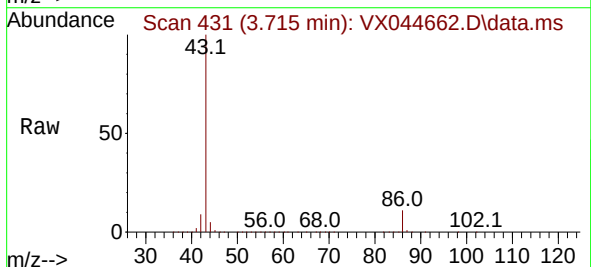
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 83 Resp: 324068  
Ion Ratio Lower Upper  
83 100  
85 65.1 50.9 76.3  
127 8.0 6.5 9.7

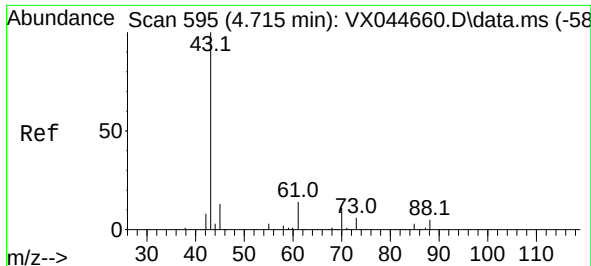


#42  
Vinyl Acetate  
Concen: 501.741 ug/l  
RT: 3.715 min Scan# 431  
Delta R.T. 0.000 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

Tgt Ion: 43 Resp: 2899515  
Ion Ratio Lower Upper  
43 100  
86 10.1 8.0 12.0







#43

Ethyl Acetate

Concen: 105.547 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA\_X

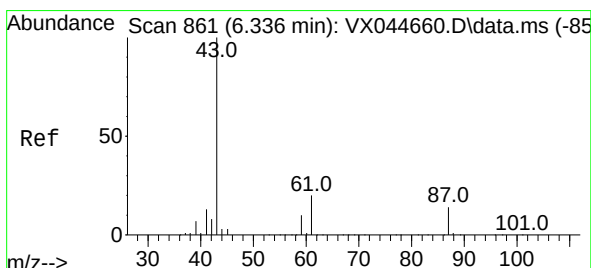
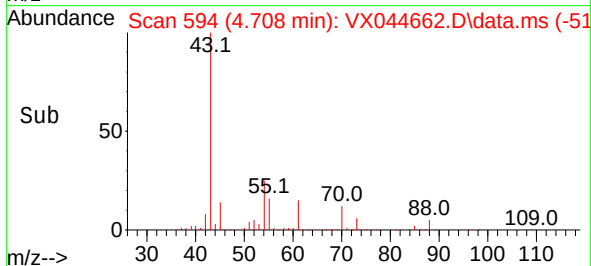
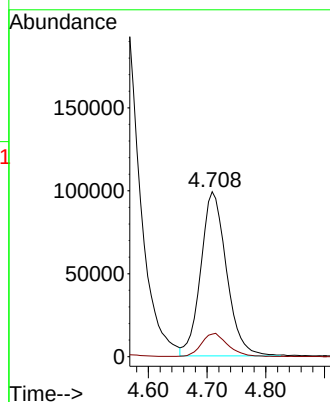
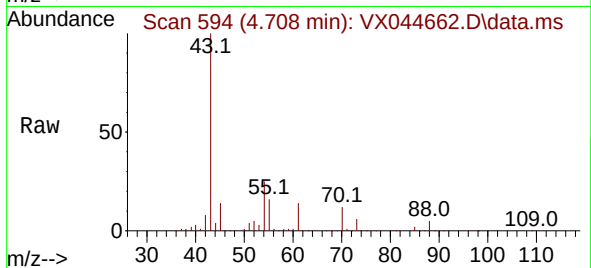
ClientSampleId :

Tgt Ion: 43 Resp: 301278

Ion Ratio Lower Upper

43 100

45 14.5 0.1 0.1#



#44

Isopropyl Acetate

Concen: 102.223 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX044662.D

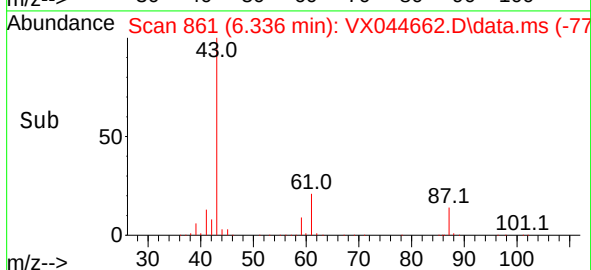
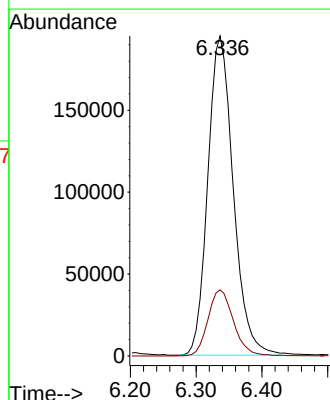
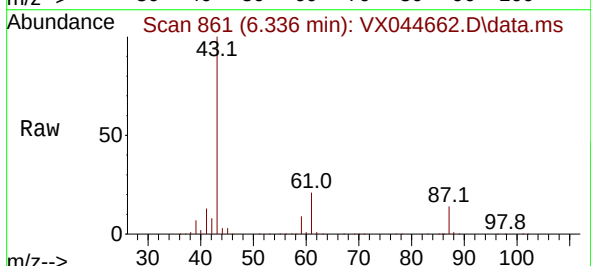
Acq: 16 Jan 2025 09:49

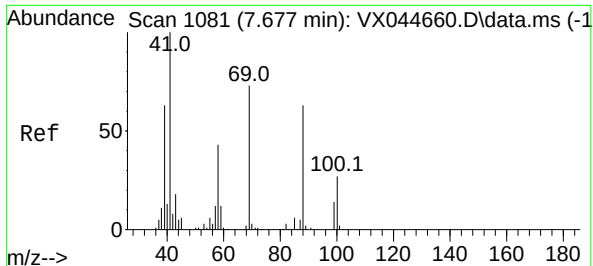
Tgt Ion: 43 Resp: 524207

Ion Ratio Lower Upper

43 100

61 20.7 16.2 24.4





#45

1,4-Dioxane

Concen: 1959.377 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. -0.006 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA\_X

ClientSampleId :

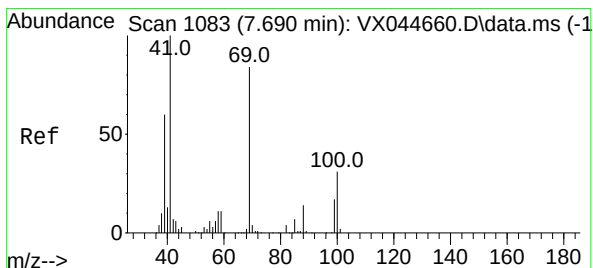
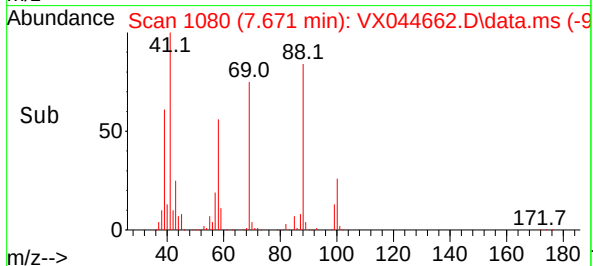
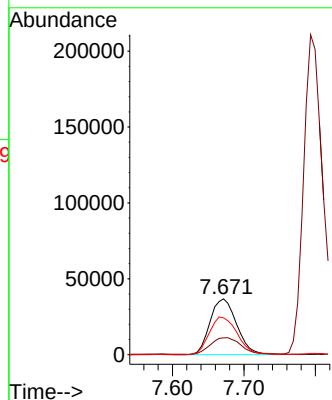
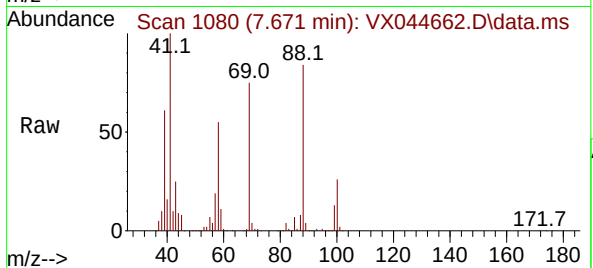
Tgt Ion: 88 Resp: 95678

Ion Ratio Lower Upper

88 100

43 33.5 25.9 38.9

58 69.9 58.9 88.3



#46

Methyl methacrylate

Concen: 101.293 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

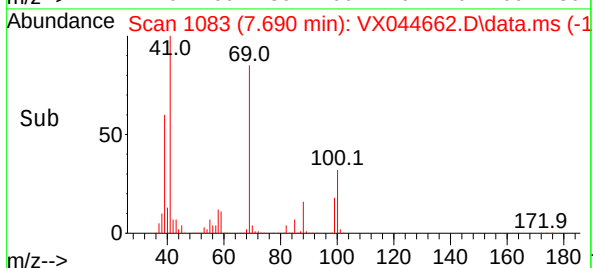
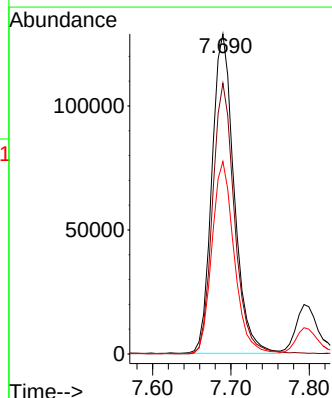
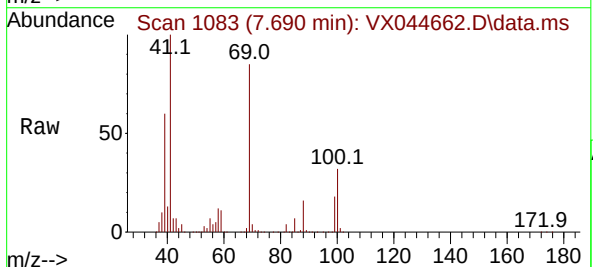
Tgt Ion: 41 Resp: 254259

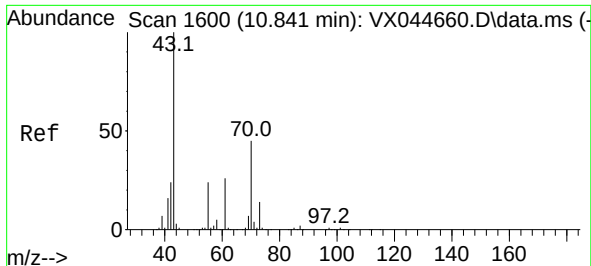
Ion Ratio Lower Upper

41 100

69 84.7 41.9 125.7

39 60.1 30.1 90.3





#47

n-amyI Acetate

Concen: 99.102 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA\_X

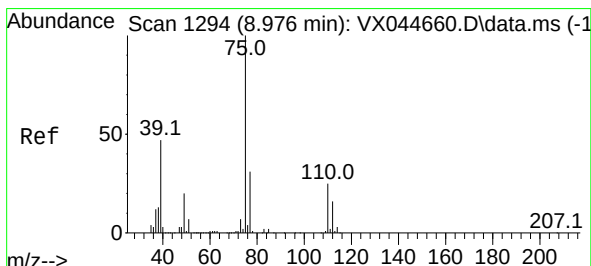
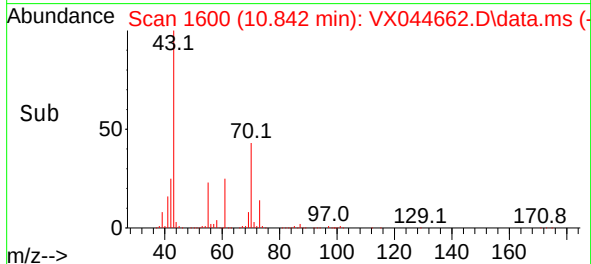
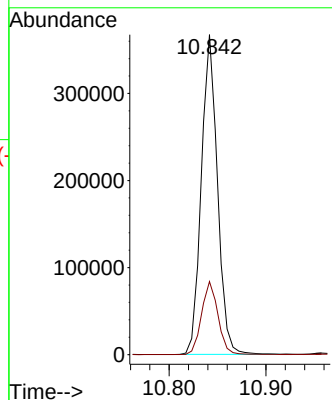
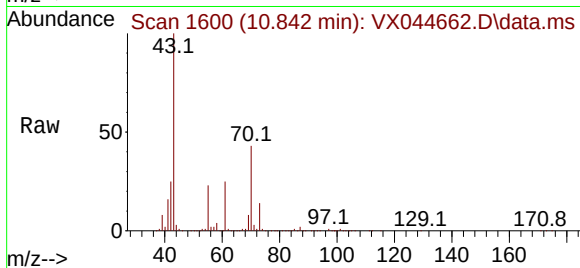
ClientSampleId :

Tgt Ion: 43 Resp: 426497

Ion Ratio Lower Upper

43 100

55 23.2 18.9 28.3



#48

t-1,3-Dichloropropene

Concen: 101.765 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX044662.D

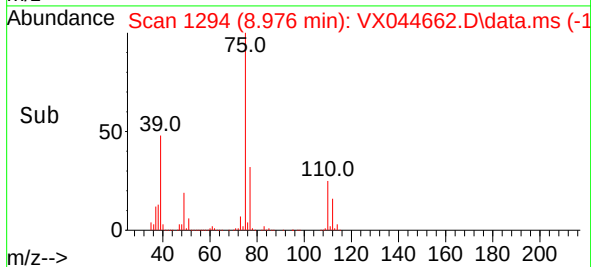
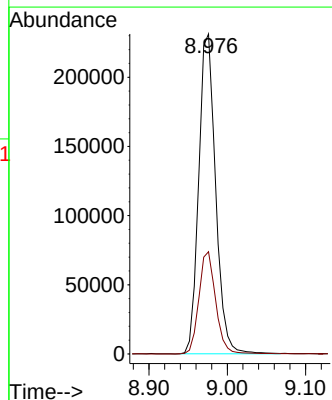
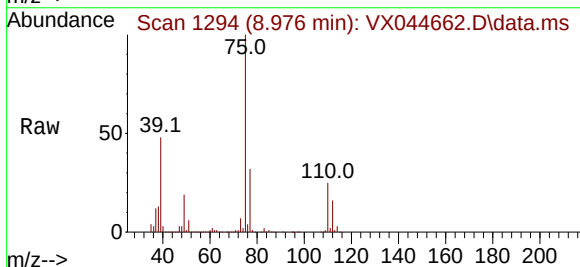
Acq: 16 Jan 2025 09:49

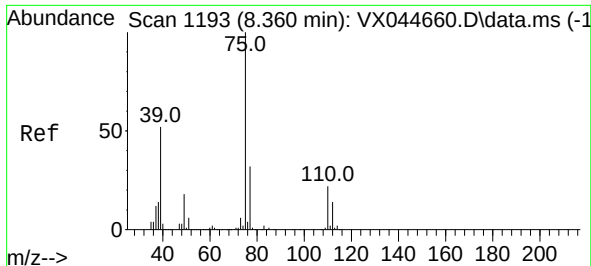
Tgt Ion: 75 Resp: 347499

Ion Ratio Lower Upper

75 100

77 31.9 24.8 37.2





#49

cis-1,3-Dichloropropene

Concen: 101.289 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA\_X

ClientSampleId :

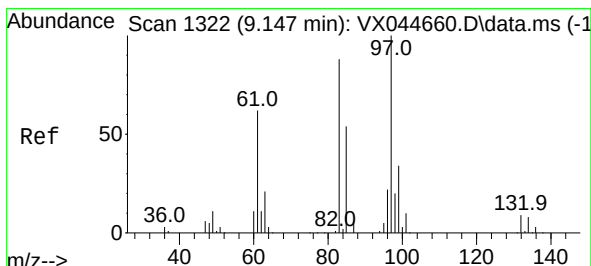
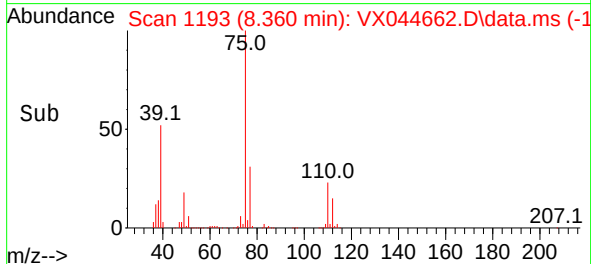
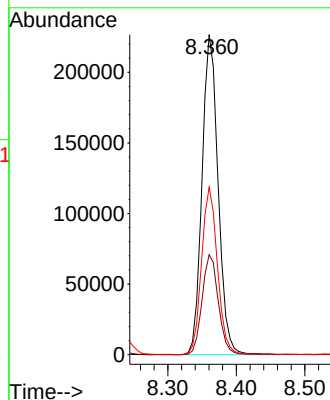
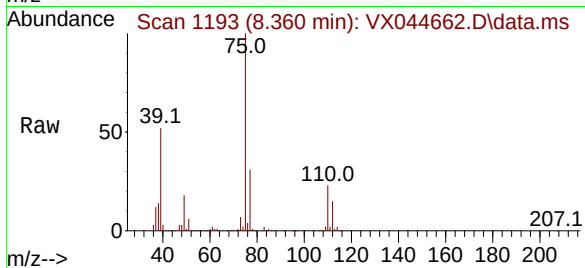
Tgt Ion: 75 Resp: 370879

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.0

39 52.3 41.4 62.0



#50

1,1,2-Trichloroethane

Concen: 98.117 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Tgt Ion: 97 Resp: 198320

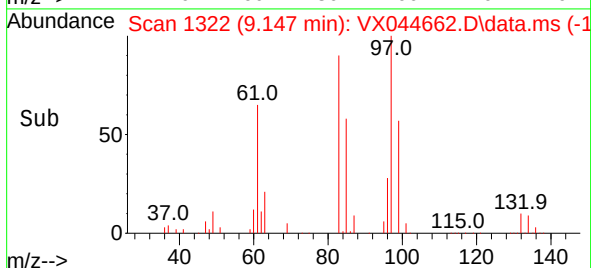
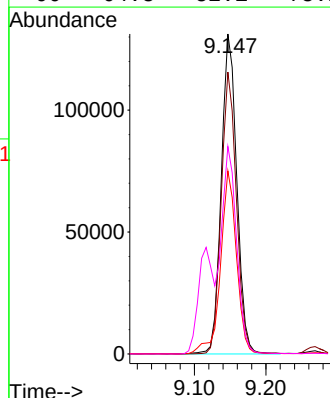
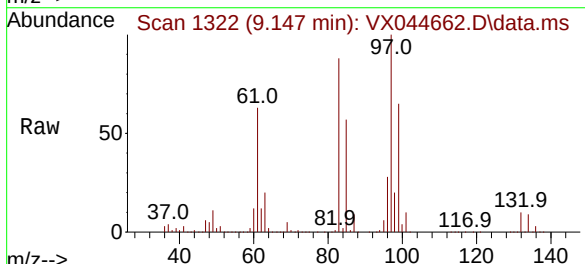
Ion Ratio Lower Upper

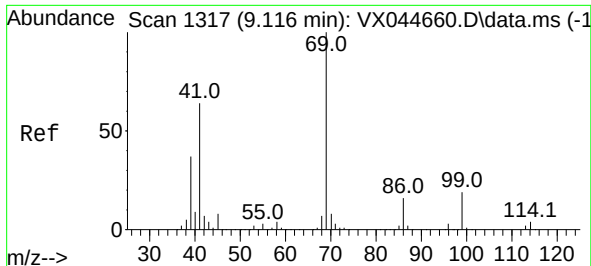
97 100

83 88.0 69.2 103.8

85 57.2 44.8 67.2

99 64.8 52.1 78.1





#51

Ethyl methacrylate

Concen: 99.647 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA\_X

ClientSampleId :

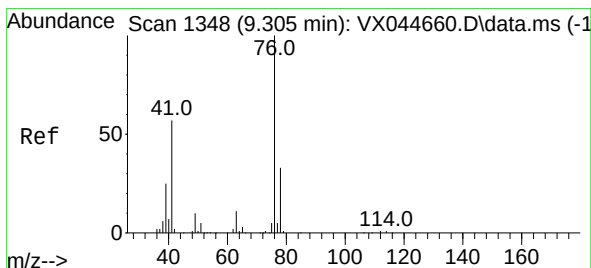
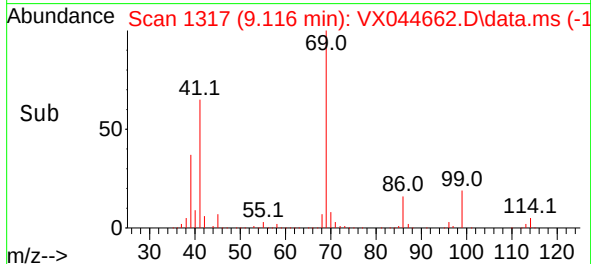
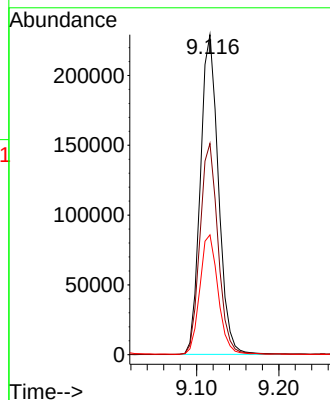
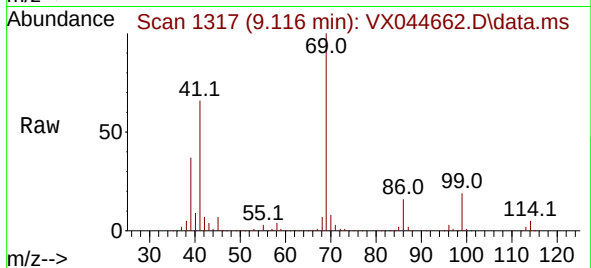
Tgt Ion: 69 Resp: 349309

Ion Ratio Lower Upper

69 100

41 65.9 32.0 96.0

39 37.3 18.6 55.6



#52

1,3-Dichloropropane

Concen: 98.954 ug/l

RT: 9.305 min Scan# 1348

Delta R.T. 0.000 min

Lab File: VX044662.D

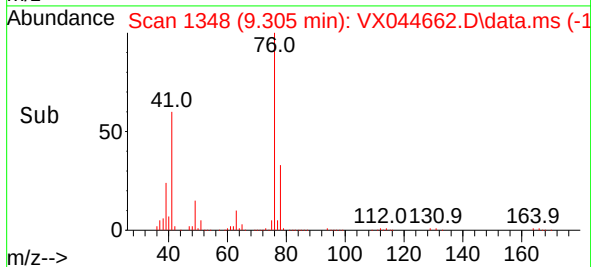
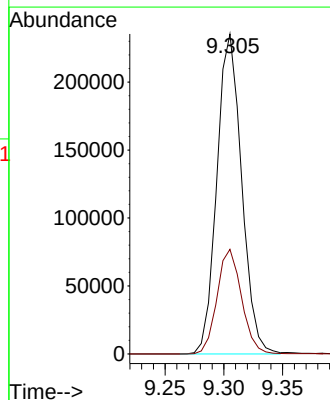
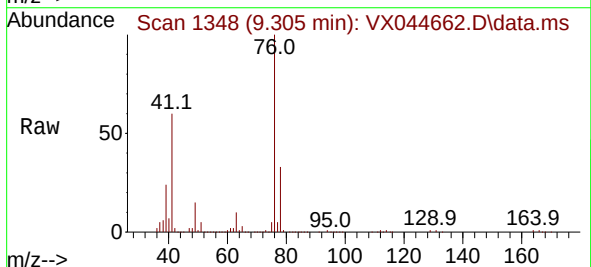
Acq: 16 Jan 2025 09:49

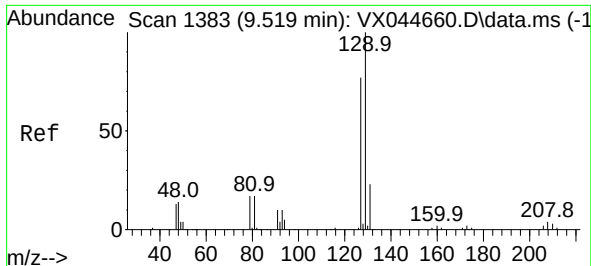
Tgt Ion: 76 Resp: 345352

Ion Ratio Lower Upper

76 100

78 32.3 0.0 64.0





#53

Dibromochloromethane

Concen: 98.596 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA\_X

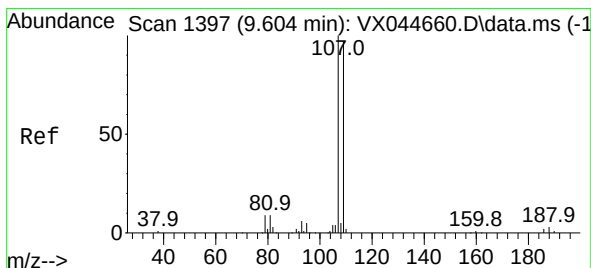
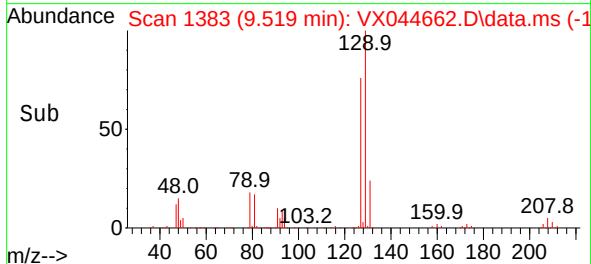
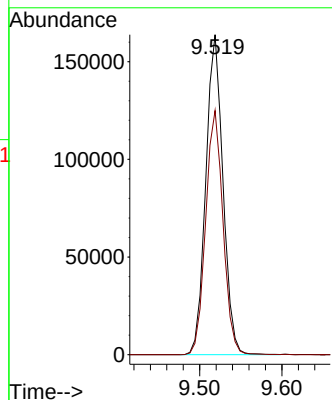
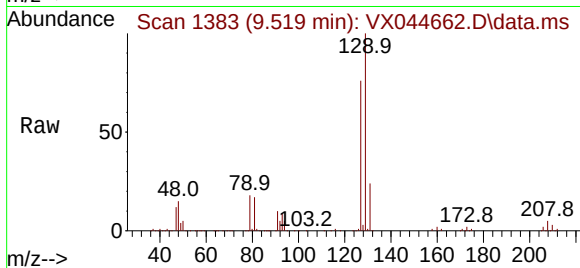
ClientSampleId :

Tgt Ion:129 Resp: 237742

Ion Ratio Lower Upper

129 100

127 77.1 37.8 113.4



#54

1,2-Dibromoethane

Concen: 98.575 ug/l

RT: 9.604 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VX044662.D

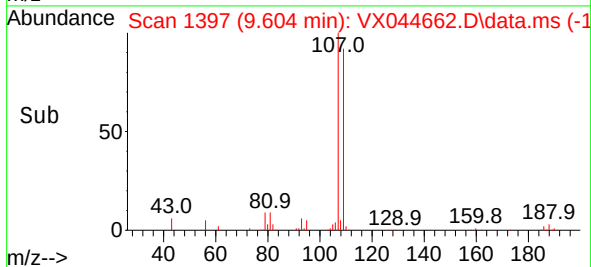
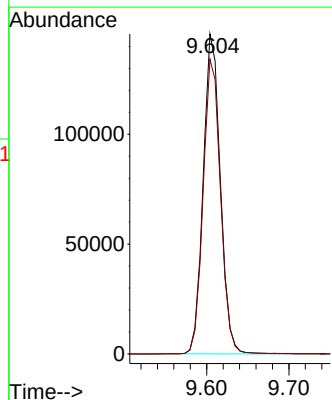
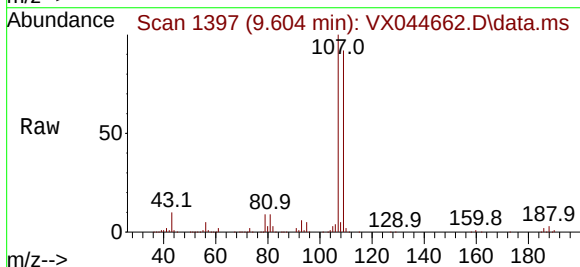
Acq: 16 Jan 2025 09:49

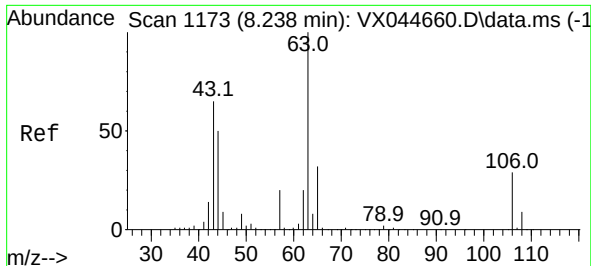
Tgt Ion:107 Resp: 210275

Ion Ratio Lower Upper

107 100

109 93.7 75.5 113.3





#55

2-Chloroethyl vinyl ether

Concen: 461.586 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA\_X

ClientSampleId :

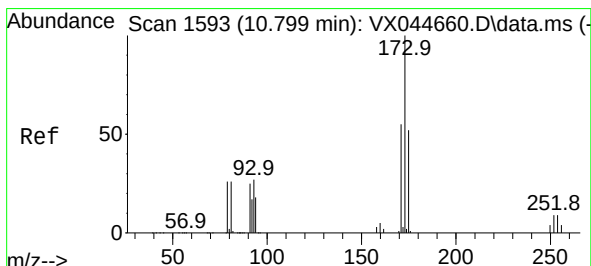
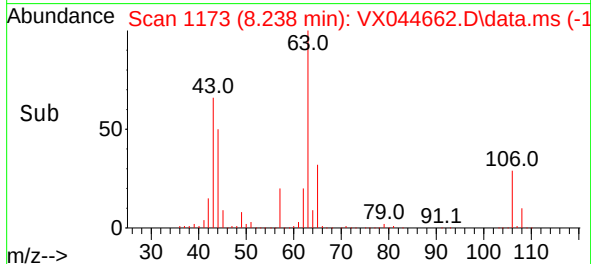
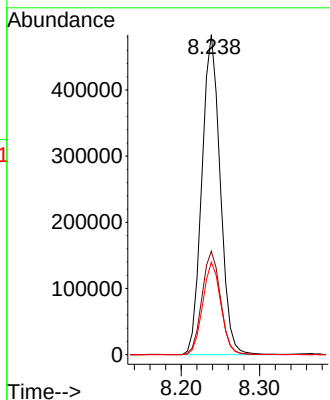
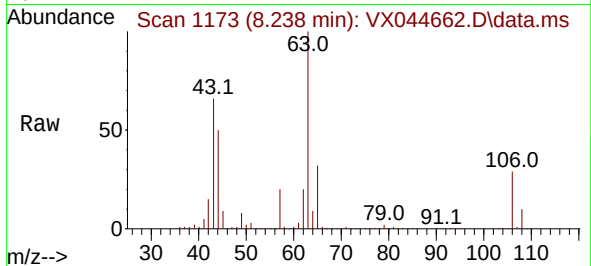
Tgt Ion: 63 Resp: 784090

Ion Ratio Lower Upper

63 100

65 32.6 25.8 38.6

106 28.7 23.1 34.7



#56

Bromoform

Concen: 98.522 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

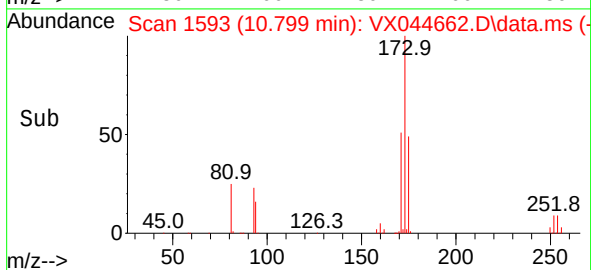
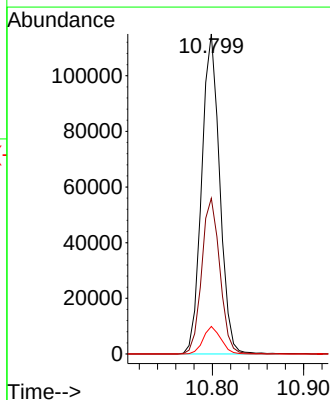
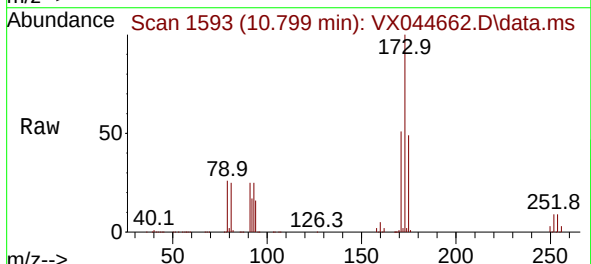
Tgt Ion:173 Resp: 157528

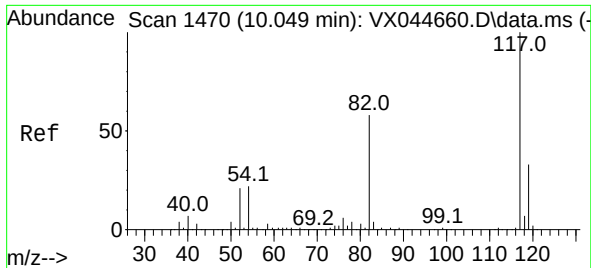
Ion Ratio Lower Upper

173 100

175 48.9 39.0 58.6

254 8.4 6.5 9.7

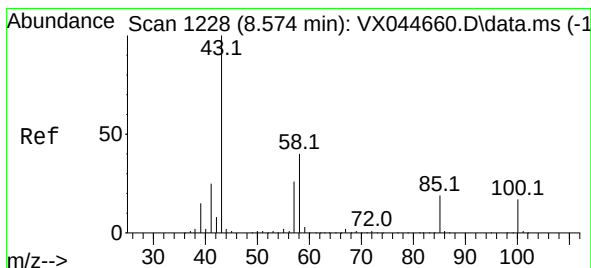
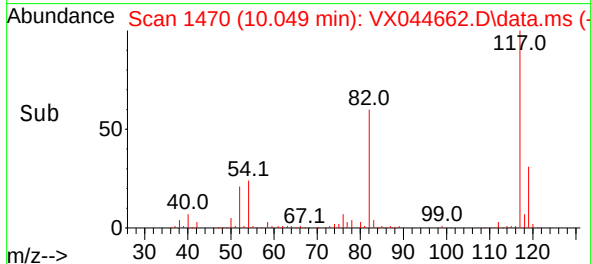
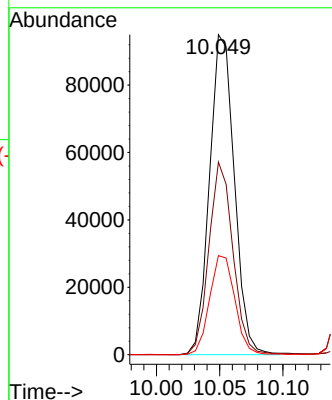
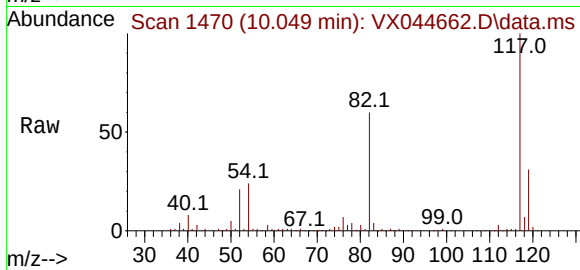




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

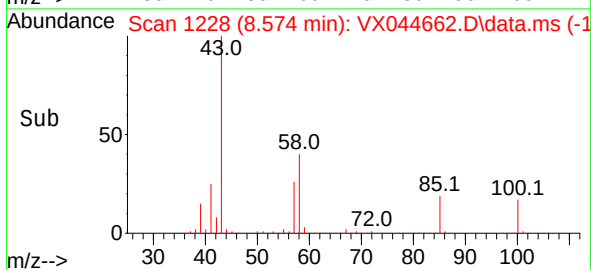
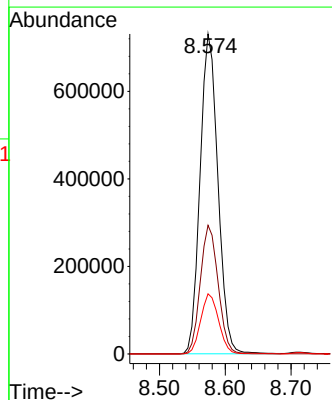
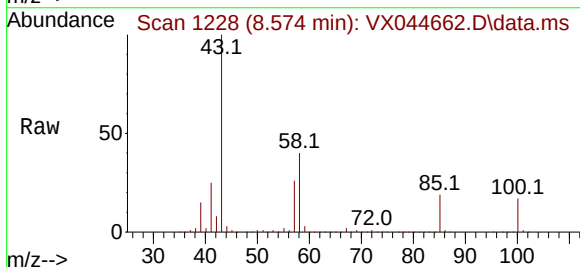
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:117 Resp: 129735  
Ion Ratio Lower Upper  
117 100  
82 58.5 45.8 68.6  
119 31.6 25.8 38.6

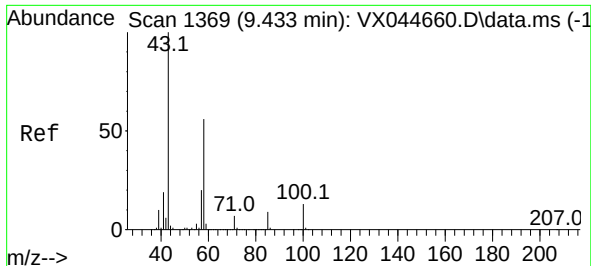


#58  
4-Methyl-2-Pentanone  
Concen: 504.291 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

Tgt Ion: 43 Resp: 1379048  
Ion Ratio Lower Upper  
43 100  
58 40.1 31.7 47.5  
85 18.9 15.0 22.6







#59

2-Hexanone

Concen: 507.718 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

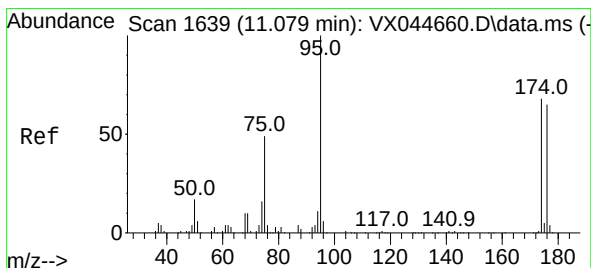
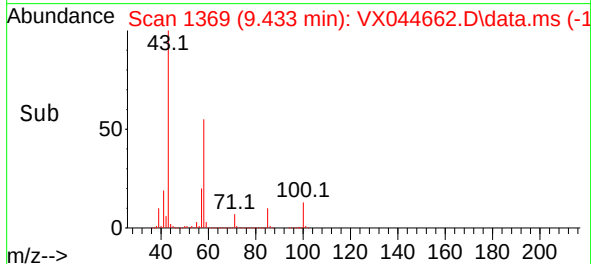
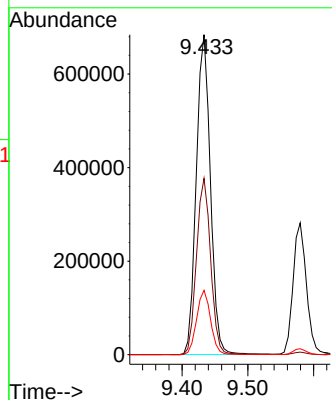
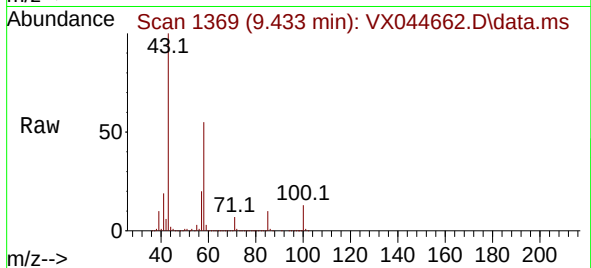
Instrument :

MSVOA\_X

ClientSampleId :

Tgt Ion: 43 Resp: 1016466

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 55.1  | 44.4  | 66.6  |
| 57  | 20.0  | 15.5  | 23.3  |



#60

4-Bromofluorobenzene

Concen: 30.170 ug/l

RT: 11.079 min Scan# 1639

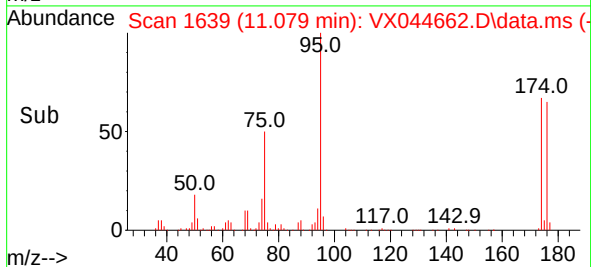
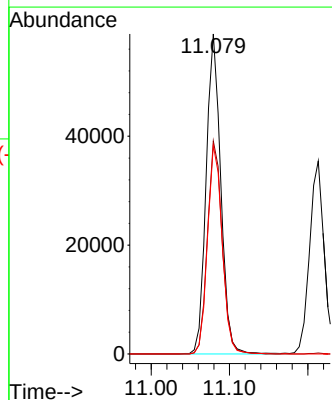
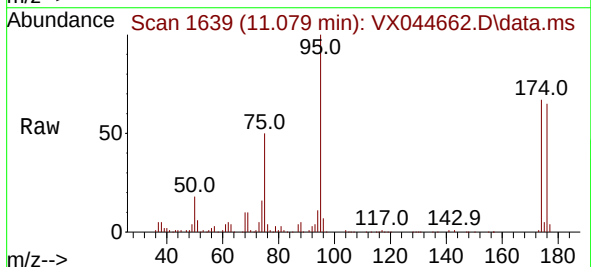
Delta R.T. 0.000 min

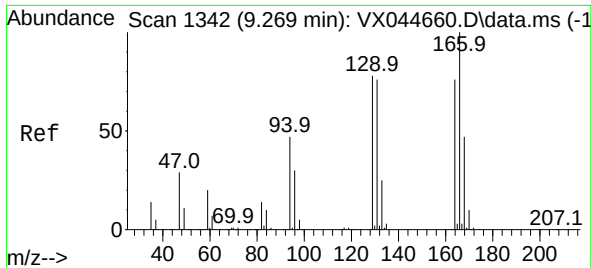
Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Tgt Ion: 95 Resp: 76025

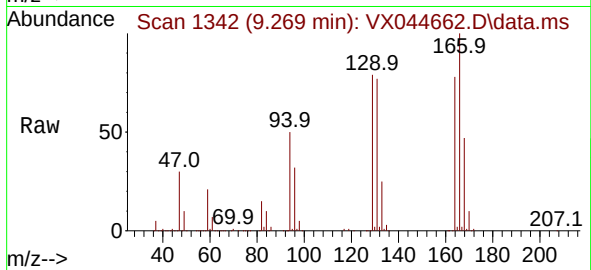
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 174 | 67.1  | 54.6  | 81.8  |
| 176 | 65.2  | 52.8  | 79.2  |





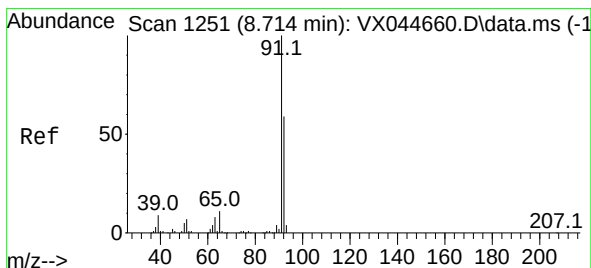
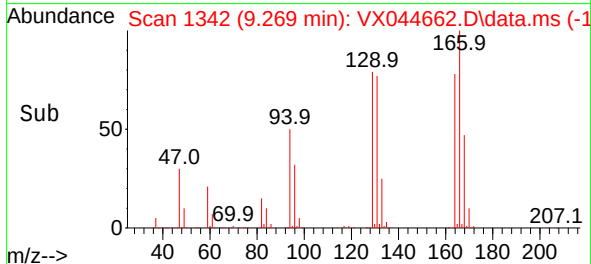
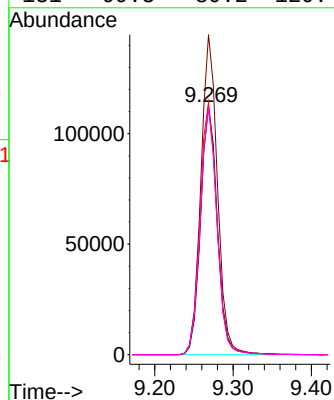
#61  
Tetrachloroethene  
Concen: 107.635 ug/l  
RT: 9.269 min Scan# 1342  
Delta R.T. 0.000 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion:164 Resp: 167502

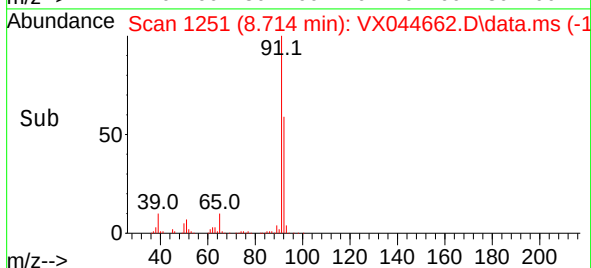
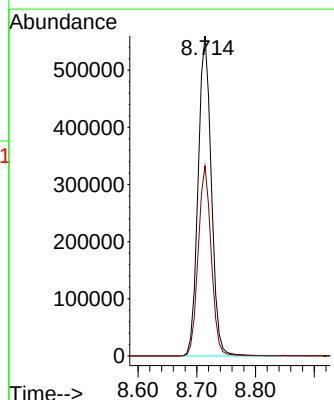
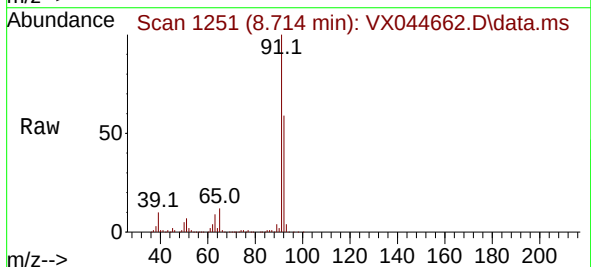
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 128.8 | 105.6 | 158.4 |
| 129 | 101.7 | 82.8  | 124.2 |
| 131 | 99.3  | 80.2  | 120.4 |

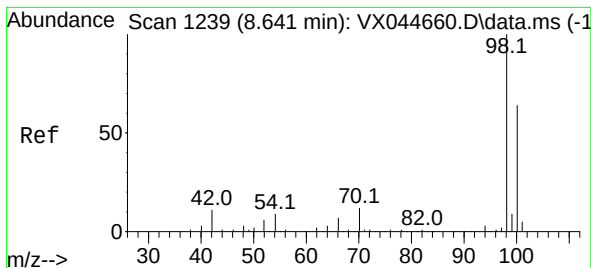


#62  
Toluene  
Concen: 102.394 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. 0.000 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

Tgt Ion: 91 Resp: 874711

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 58.6  | 47.3  | 70.9  |





#63

Toluene-d8

Concen: 30.042 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA\_X

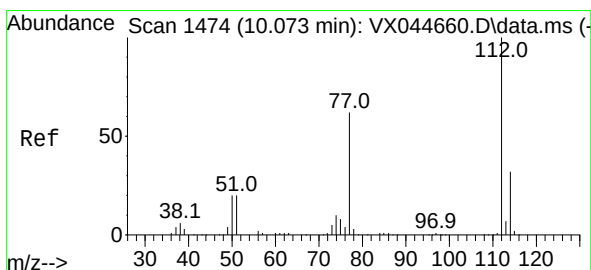
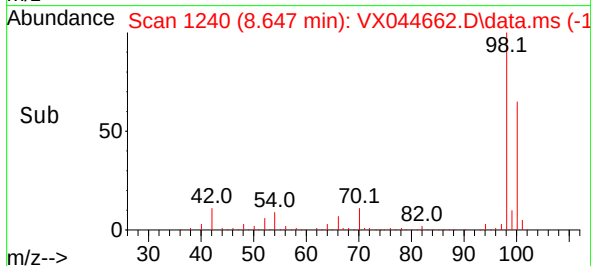
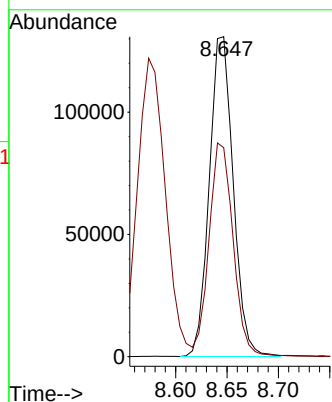
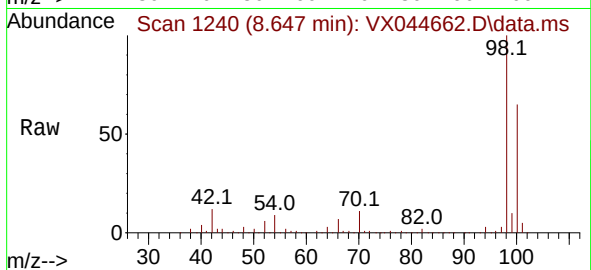
ClientSampleId :

Tgt Ion: 98 Resp: 211985

Ion Ratio Lower Upper

98 100

100 67.1 53.6 80.4



#64

Chlorobenzene

Concen: 102.407 ug/l

RT: 10.073 min Scan# 1474

Delta R.T. 0.000 min

Lab File: VX044662.D

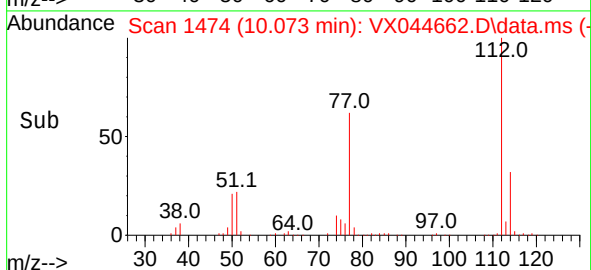
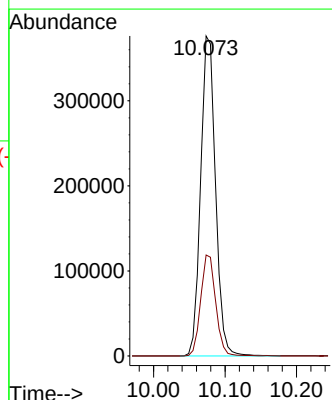
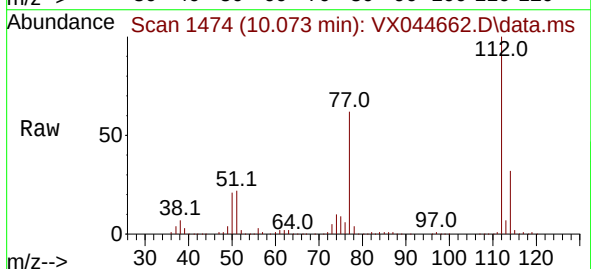
Acq: 16 Jan 2025 09:49

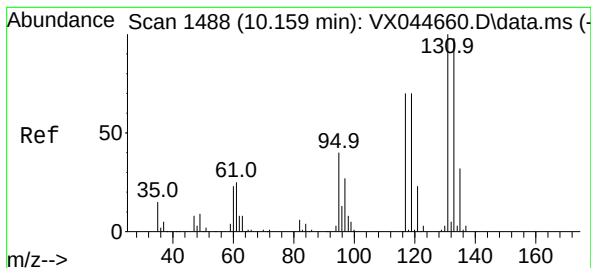
Tgt Ion: 112 Resp: 543310

Ion Ratio Lower Upper

112 100

114 31.5 25.5 38.3

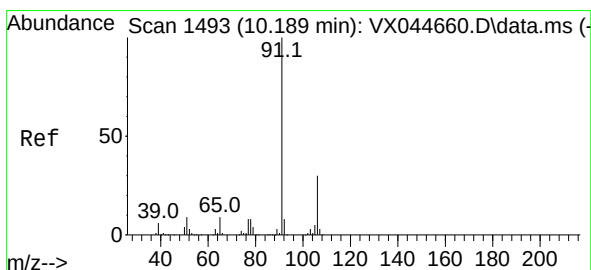
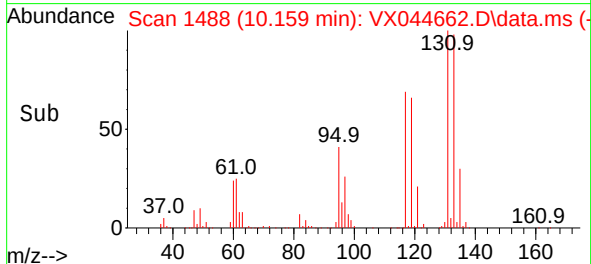
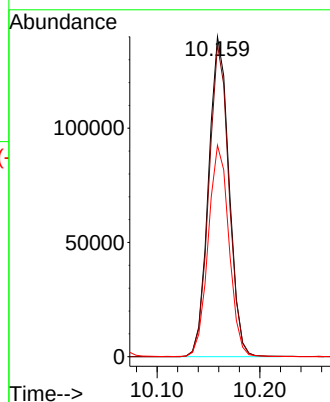
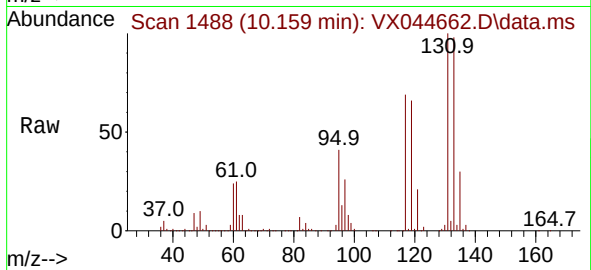




#65  
 1,1,1,2-Tetrachloroethane  
 Concen: 101.781 ug/l  
 RT: 10.159 min Scan# 1488  
 Delta R.T. 0.000 min  
 Lab File: VX044662.D  
 Acq: 16 Jan 2025 09:49

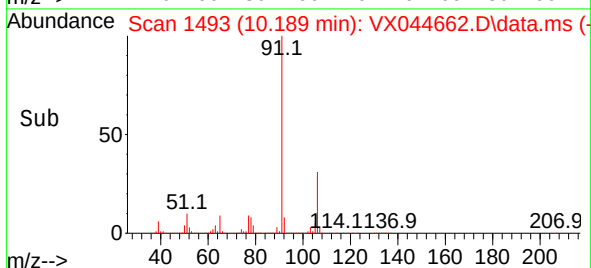
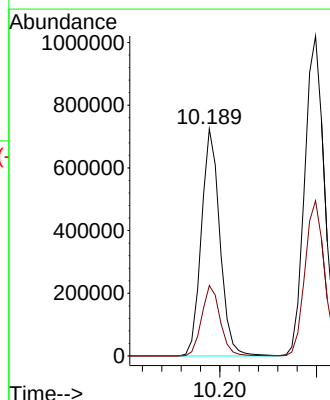
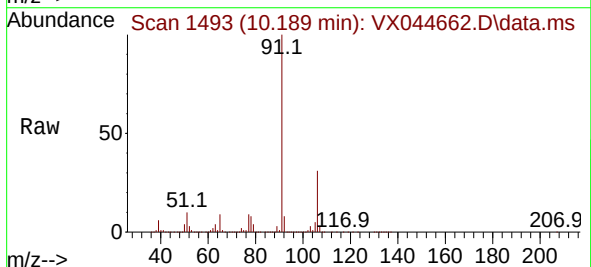
Instrument :  
 MSVOA\_X  
 ClientSampleId :

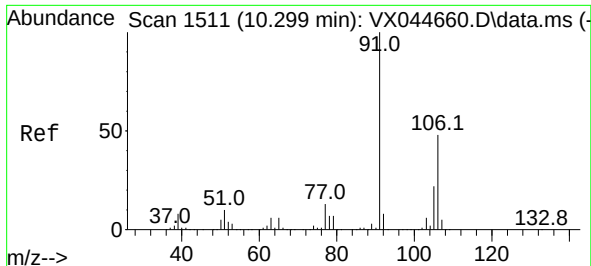
Tgt Ion:131 Resp: 193974  
 Ion Ratio Lower Upper  
 131 100  
 133 95.8 0.0 192.4  
 119 66.7 0.0 133.4



#66  
 Ethyl Benzene  
 Concen: 103.326 ug/l  
 RT: 10.189 min Scan# 1493  
 Delta R.T. 0.000 min  
 Lab File: VX044662.D  
 Acq: 16 Jan 2025 09:49

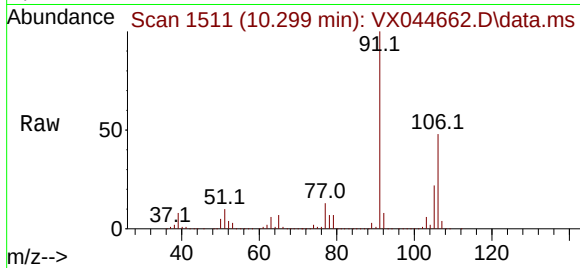
Tgt Ion: 91 Resp: 963283  
 Ion Ratio Lower Upper  
 91 100  
 106 31.0 24.0 36.0



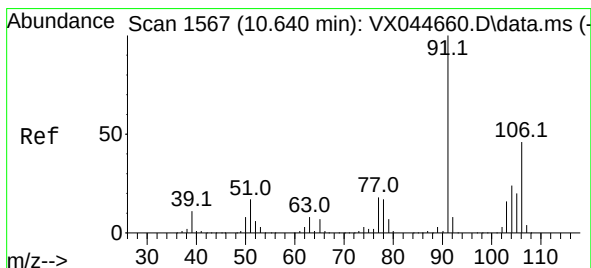
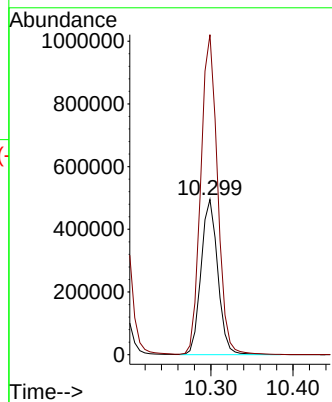
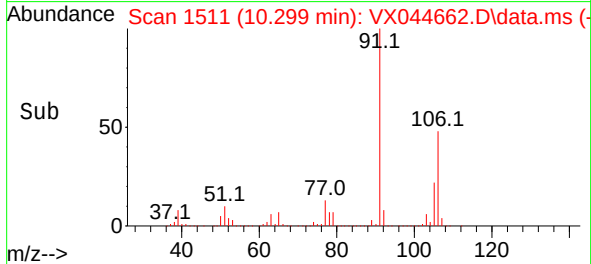


#67  
m/p-Xylenes  
Concen: 203.888 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

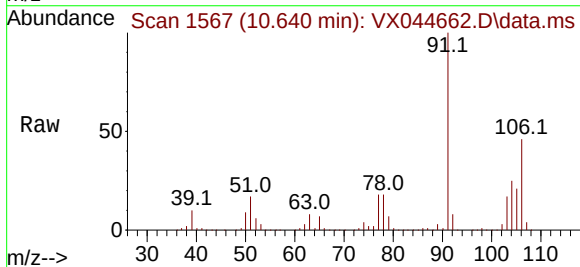
Instrument :  
MSVOA\_X  
ClientSampleId :



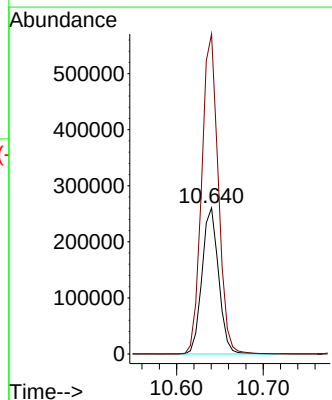
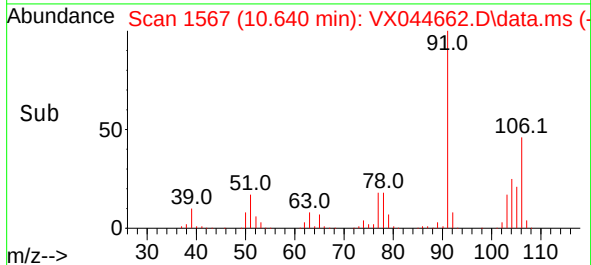
Tgt Ion:106 Resp: 698697  
Ion Ratio Lower Upper  
106 100  
91 207.1 166.8 250.2

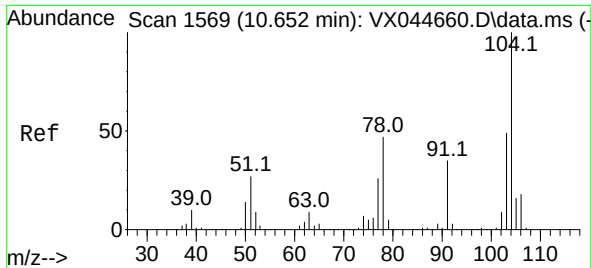


#68  
o-Xylene  
Concen: 100.645 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49



Tgt Ion:106 Resp: 346159  
Ion Ratio Lower Upper  
106 100  
91 219.3 109.7 329.1





#69

Styrene

Concen: 101.207 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA\_X

ClientSampleId :

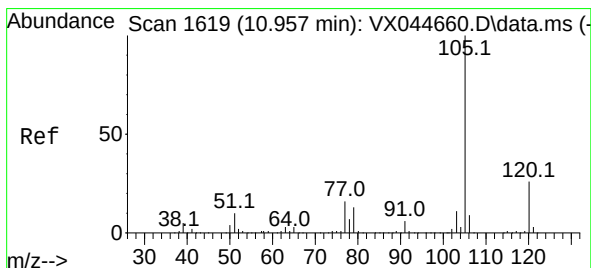
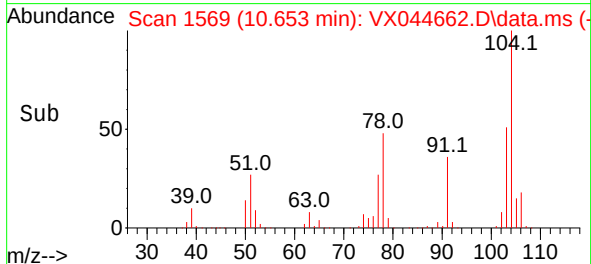
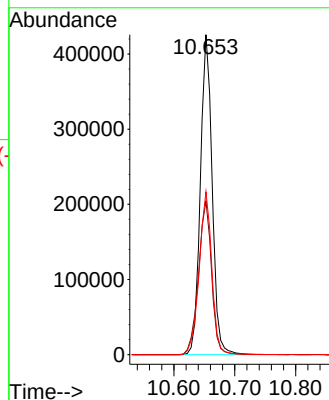
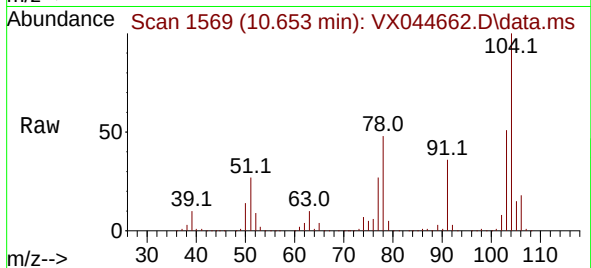
Tgt Ion:104 Resp: 571513

Ion Ratio Lower Upper

104 100

78 53.5 42.0 63.0

103 54.8 43.1 64.7



#70

Isopropylbenzene

Concen: 102.087 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VX044662.D

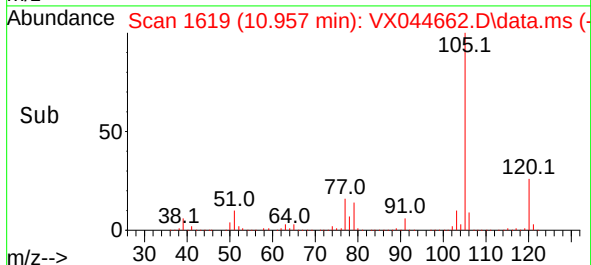
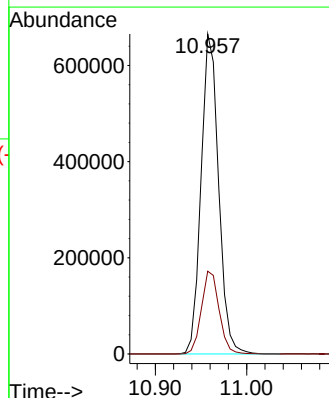
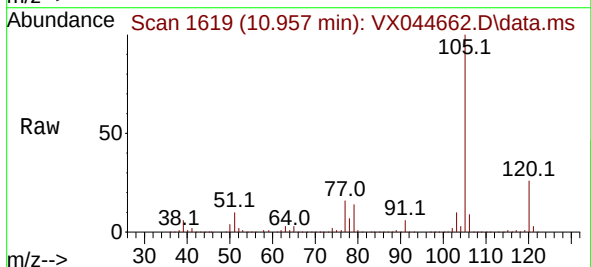
Acq: 16 Jan 2025 09:49

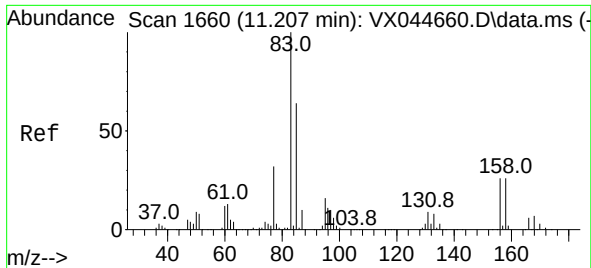
Tgt Ion:105 Resp: 882679

Ion Ratio Lower Upper

105 100

120 26.2 18.6 34.6

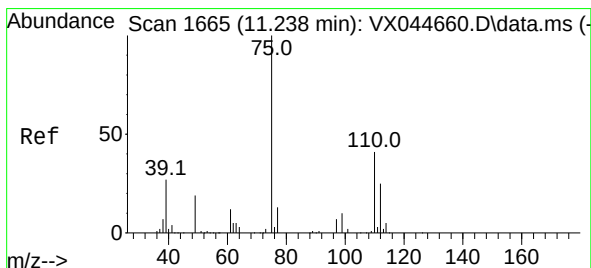
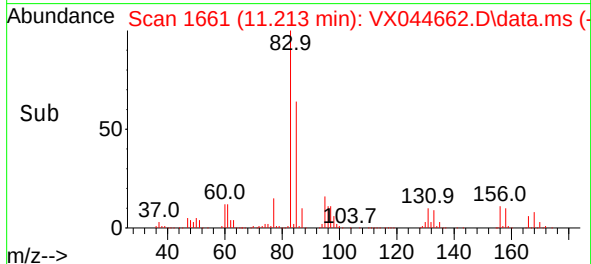
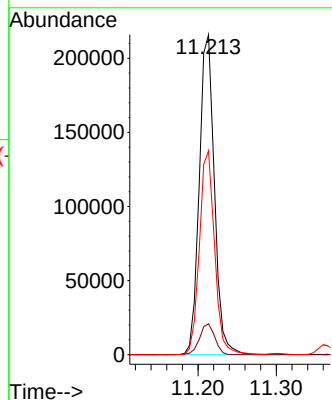
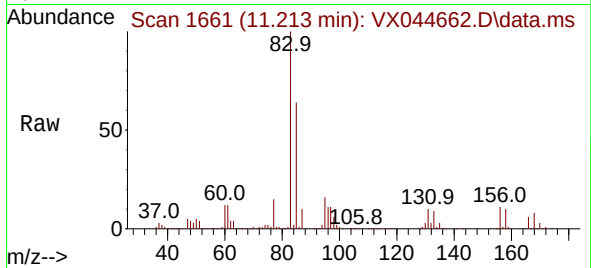




#71  
1,1,2,2-Tetrachloroethane  
Concen: 99.668 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.006 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

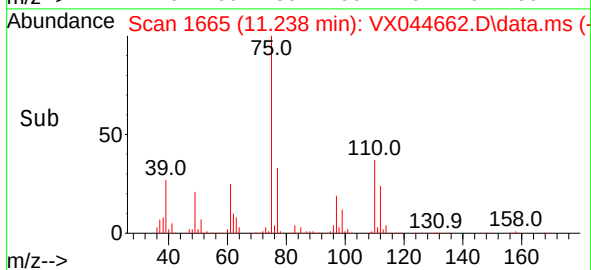
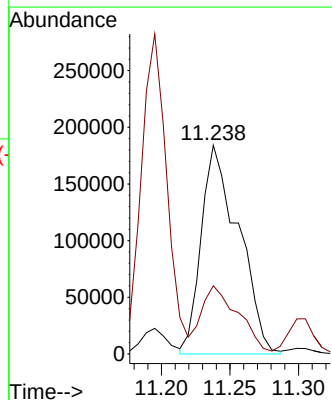
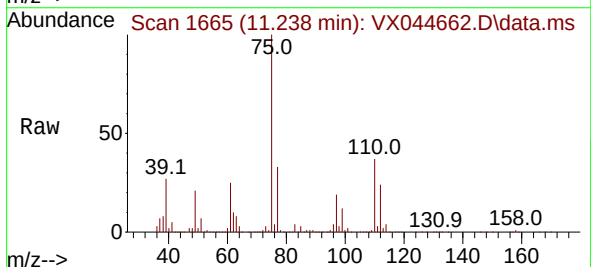
Instrument :  
MSVOA\_X  
ClientSampleId :

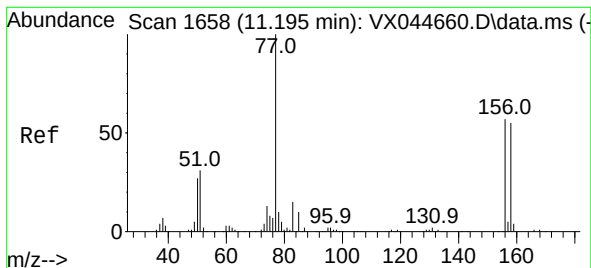
Tgt Ion: 83 Resp: 290188  
Ion Ratio Lower Upper  
83 100  
131 9.7 5.0 14.9  
85 63.9 33.0 99.0



#72  
1,2,3-Trichloropropane  
Concen: 142.737 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

Tgt Ion: 75 Resp: 349045  
Ion Ratio Lower Upper  
75 100  
77 32.6 0.0 83.0





#73

Bromobenzene

Concen: 100.912 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA\_X

ClientSampleId :

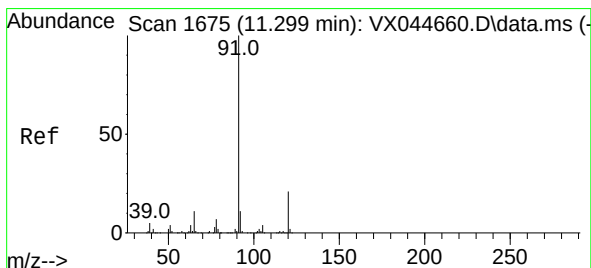
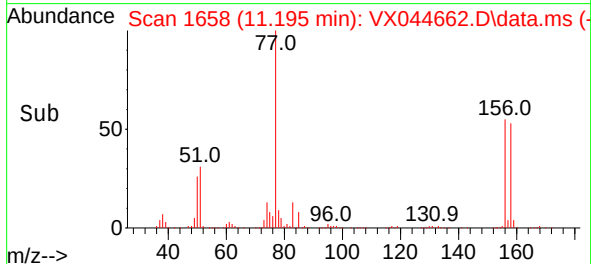
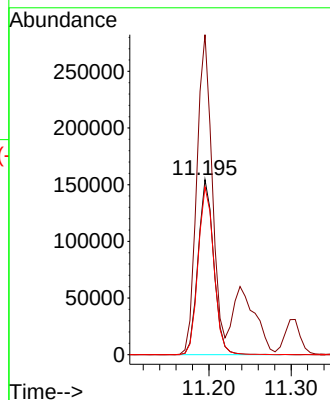
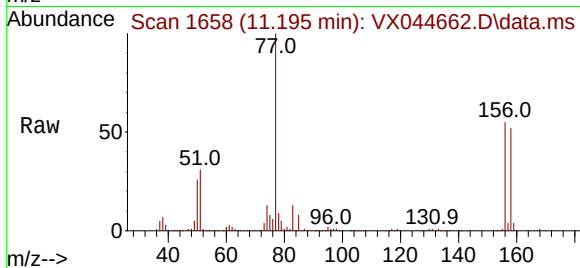
Tgt Ion:156 Resp: 203263

Ion Ratio Lower Upper

156 100

77 181.5 0.0 354.6

158 97.2 0.0 193.6



#74

n-propylbenzene

Concen: 104.320 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX044662.D

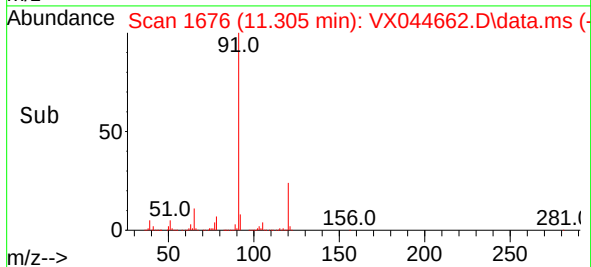
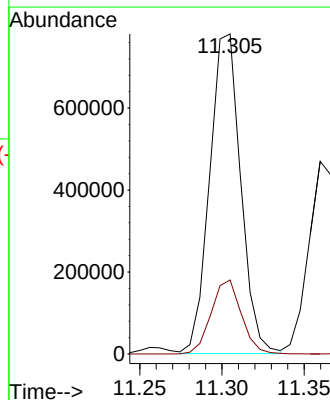
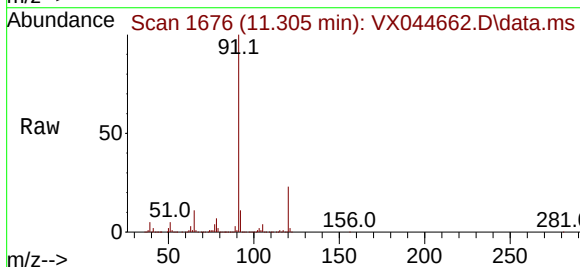
Acq: 16 Jan 2025 09:49

Tgt Ion: 91 Resp: 1025231

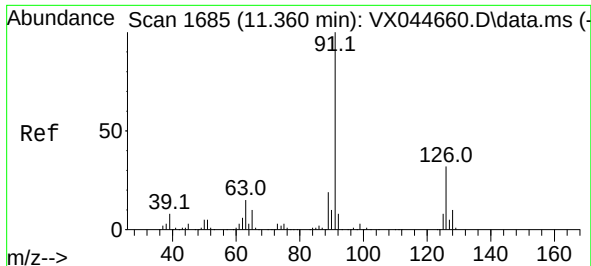
Ion Ratio Lower Upper

91 100

120 22.5 0.0 45.0



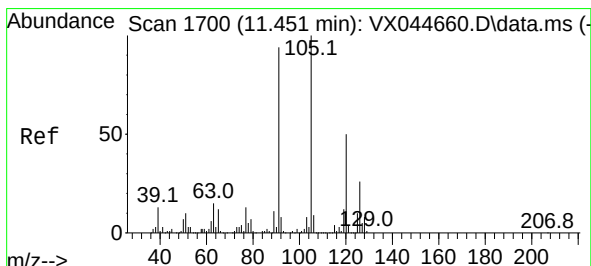
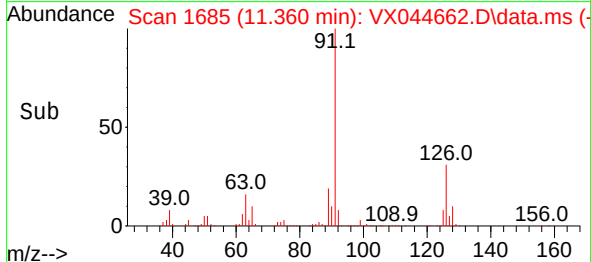
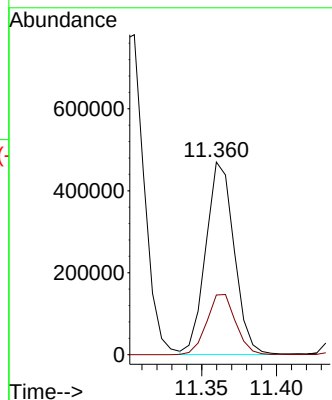
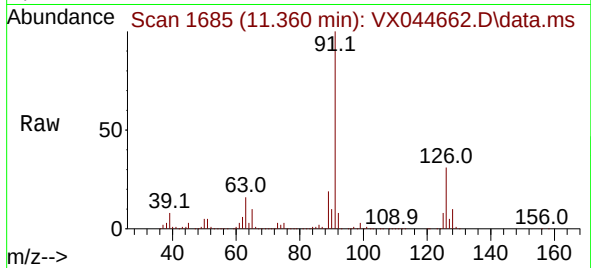




#75  
2-Chlorotoluene  
Concen: 100.627 ug/l  
RT: 11.360 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

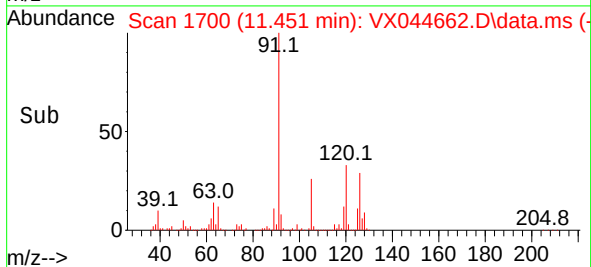
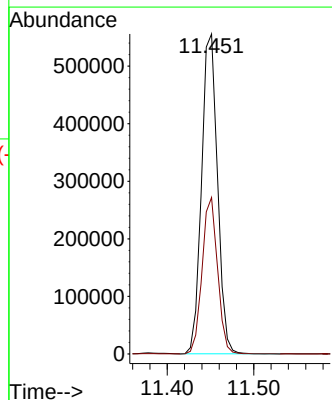
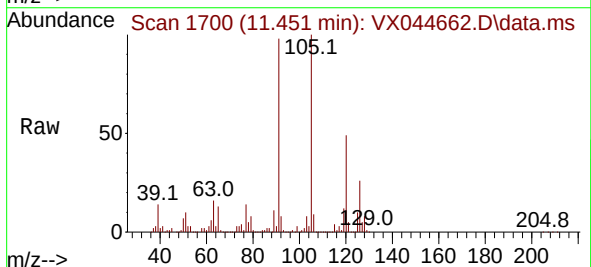
Instrument :  
MSVOA\_X  
ClientSampleId :

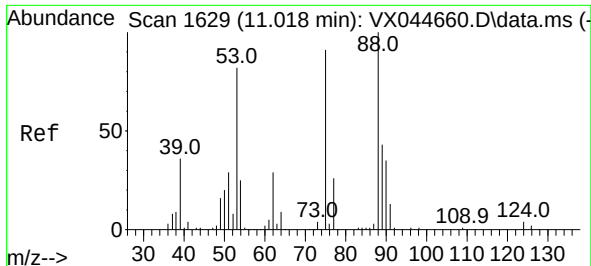
Tgt Ion: 91 Resp: 621611  
Ion Ratio Lower Upper  
91 100  
126 31.9 0.0 64.0



#76  
1,3,5-Trimethylbenzene  
Concen: 100.977 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

Tgt Ion:105 Resp: 709035  
Ion Ratio Lower Upper  
105 100  
120 47.4 0.0 96.8

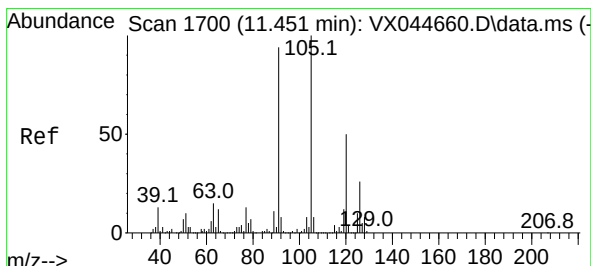
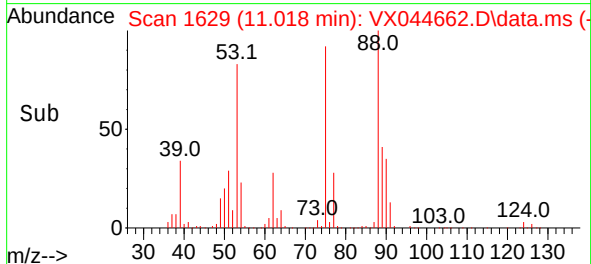
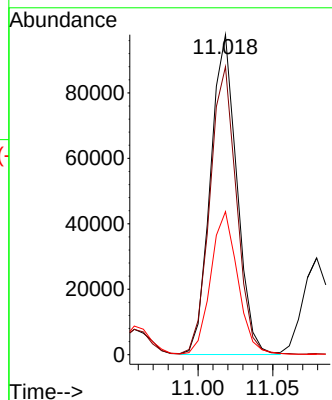
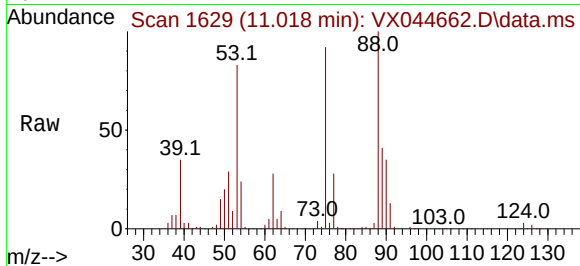




#77  
t-1,4-Dichloro-2-butene  
Concen: 103.824 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

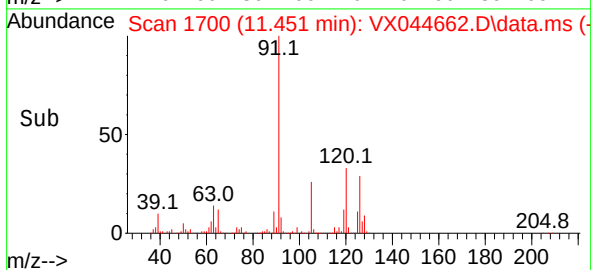
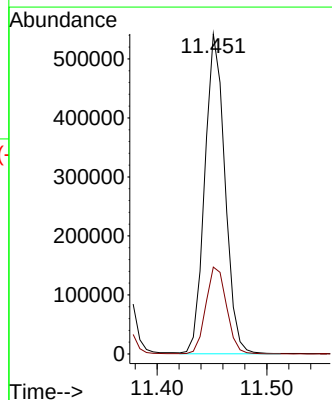
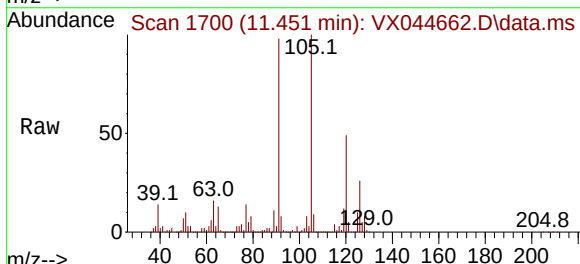
Instrument :  
MSVOA\_X  
ClientSampleId :

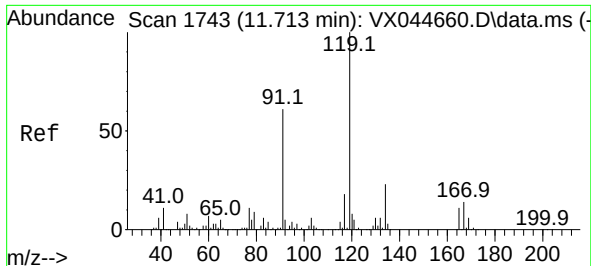
Tgt Ion: 75 Resp: 120113  
Ion Ratio Lower Upper  
75 100  
53 89.9 45.3 135.9  
89 44.6 23.8 71.2



#78  
4-Chlorotoluene  
Concen: 101.840 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

Tgt Ion: 91 Resp: 692856  
Ion Ratio Lower Upper  
91 100  
126 28.0 0.0 55.4





#79

tert-butylbenzene

Concen: 100.390 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA\_X

ClientSampleId :

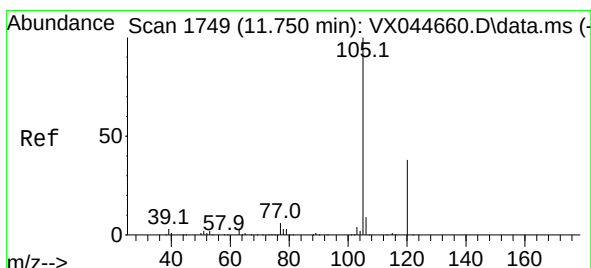
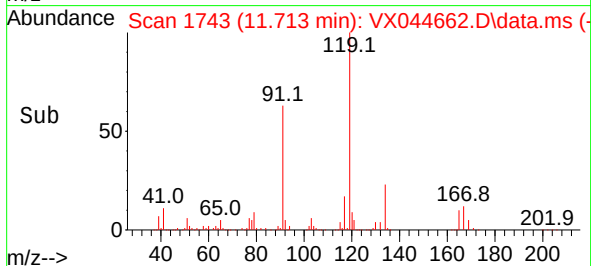
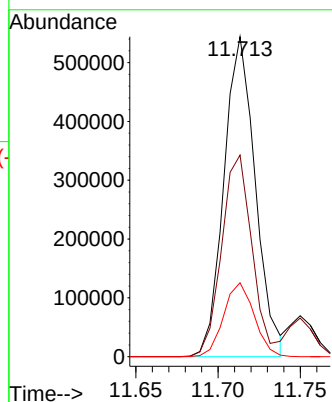
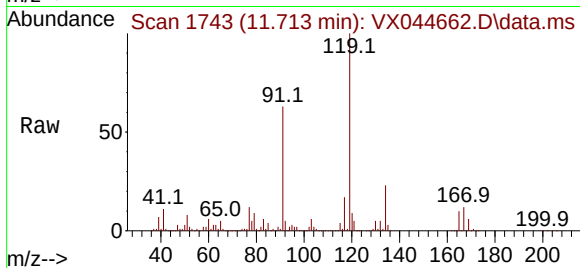
Tgt Ion:119 Resp: 724166

Ion Ratio Lower Upper

119 100

91 60.2 0.0 119.0

134 22.5 0.0 44.8



#80

1,2,4-Trimethylbenzene

Concen: 101.327 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX044662.D

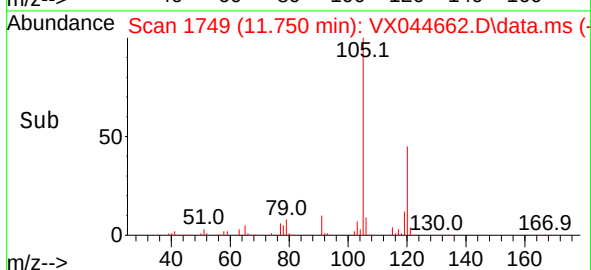
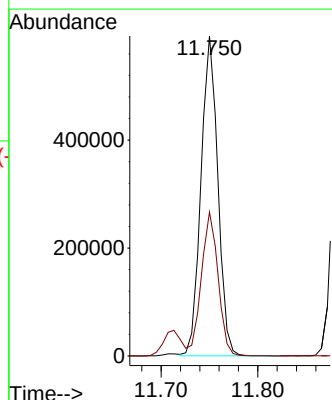
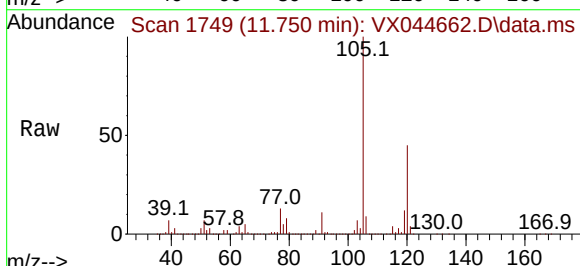
Acq: 16 Jan 2025 09:49

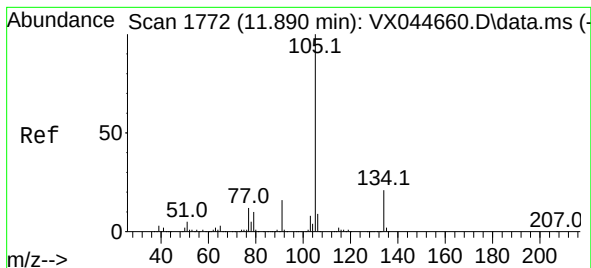
Tgt Ion:105 Resp: 717847

Ion Ratio Lower Upper

105 100

120 44.7 0.0 88.4

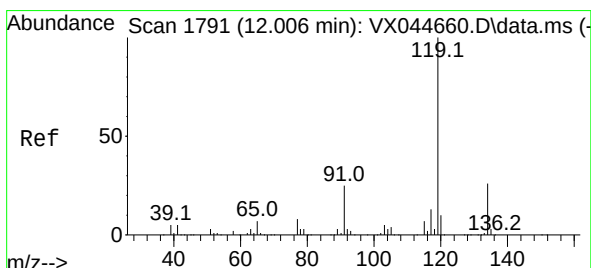
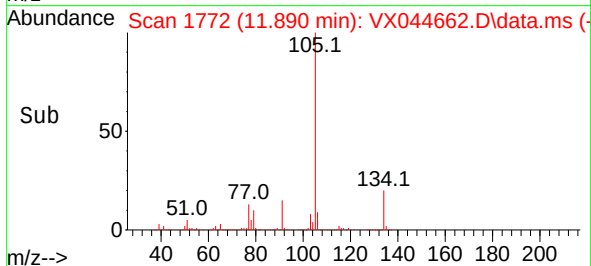
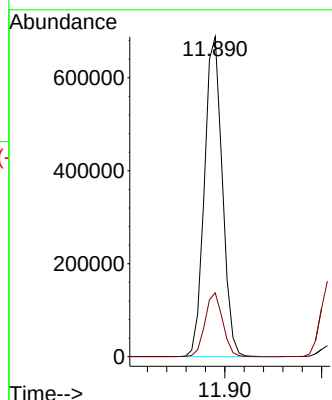
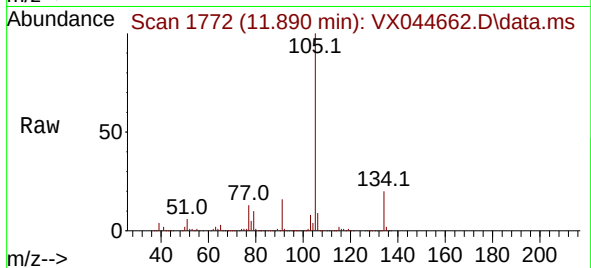




#81  
sec-Butylbenzene  
Concen: 102.823 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. 0.000 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

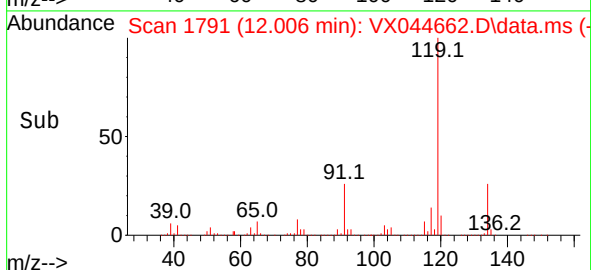
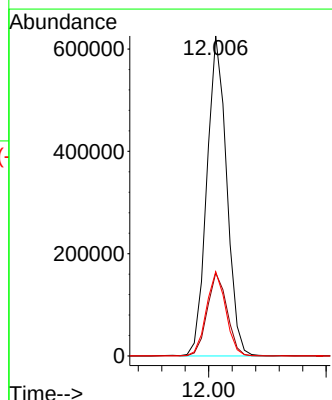
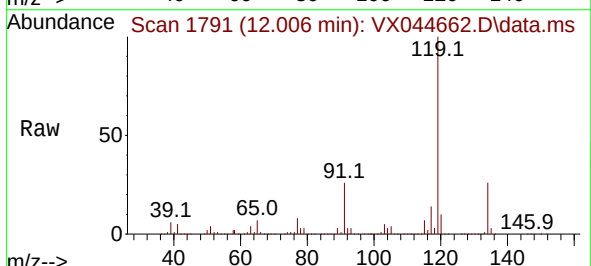
Instrument :  
MSVOA\_X  
ClientSampleId :

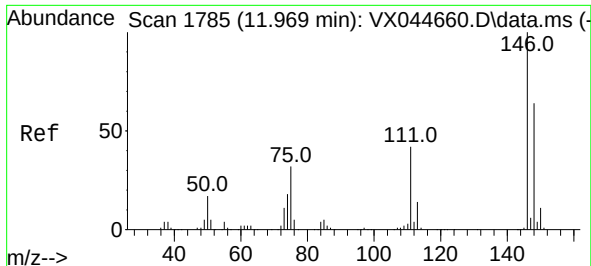
Tgt Ion:105 Resp: 885682  
Ion Ratio Lower Upper  
105 100  
134 19.8 0.0 39.6



#82  
p-Isopropyltoluene  
Concen: 103.112 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. 0.000 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

Tgt Ion:119 Resp: 730972  
Ion Ratio Lower Upper  
119 100  
134 26.0 0.0 52.2  
91 25.7 0.0 50.2





#83

1,3-Dichlorobenzene

Concen: 103.731 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA\_X

ClientSampleId :

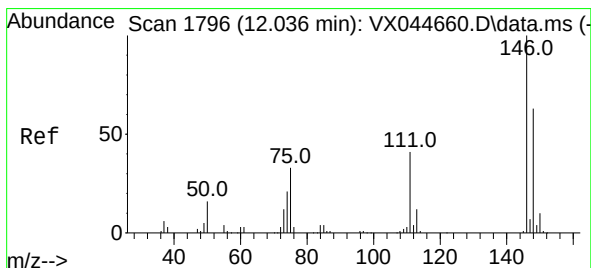
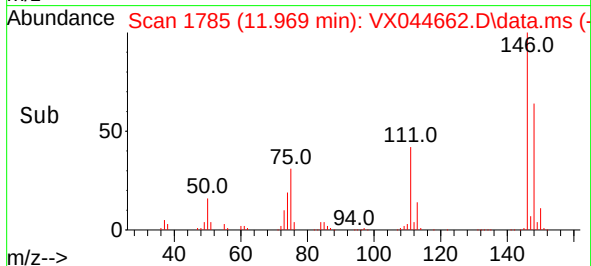
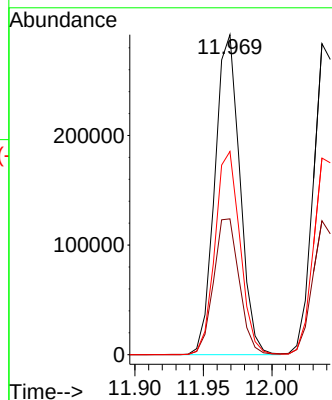
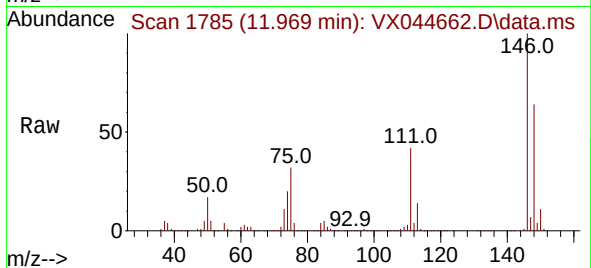
Tgt Ion:146 Resp: 371118

Ion Ratio Lower Upper

146 100

111 43.6 21.6 64.6

148 63.6 31.6 94.7



#84

1,4-Dichlorobenzene

Concen: 103.715 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

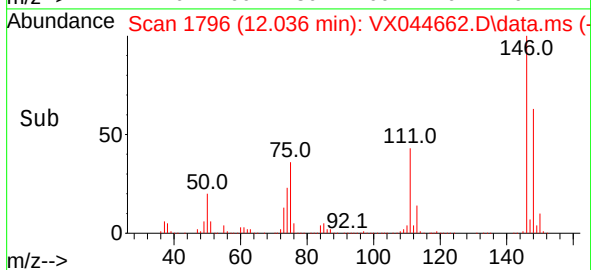
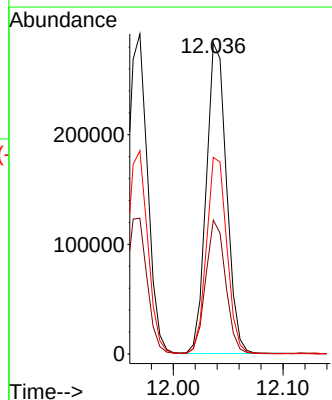
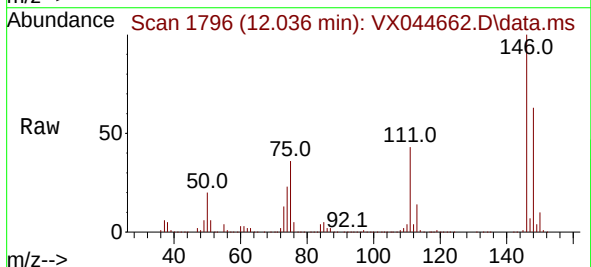
Tgt Ion:146 Resp: 363763

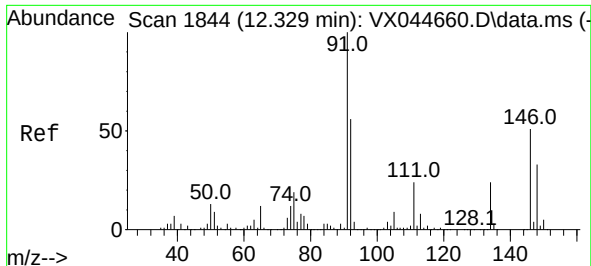
Ion Ratio Lower Upper

146 100

111 42.5 20.8 62.5

148 64.0 32.1 96.5





#85

n-Butylbenzene

Concen: 108.125 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA\_X

ClientSampleId :

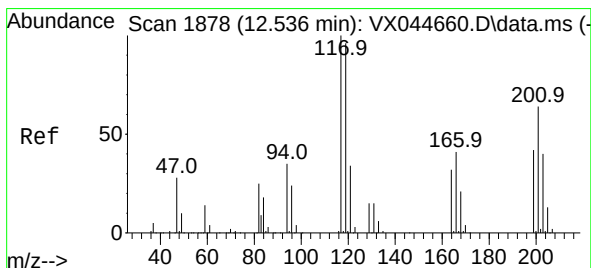
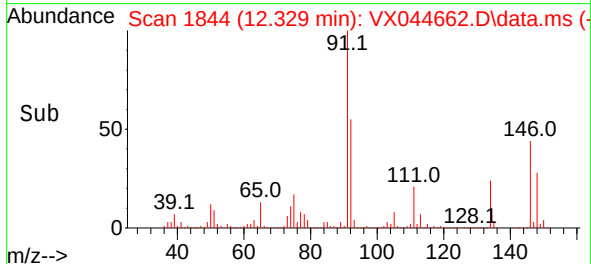
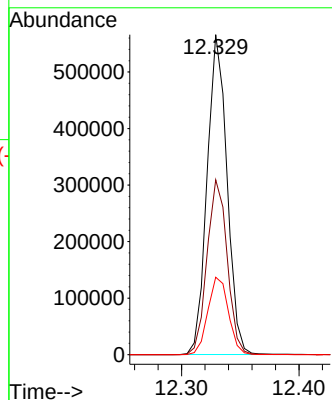
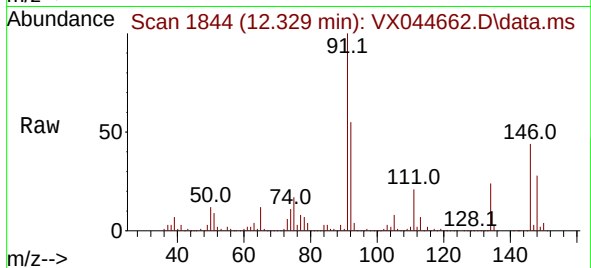
Tgt Ion: 91 Resp: 664449

Ion Ratio Lower Upper

91 100

92 55.4 0.0 109.4

134 25.1 0.0 49.2



#86

Hexachloroethane

Concen: 101.842 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX044662.D

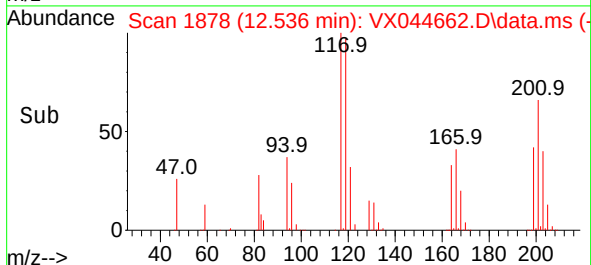
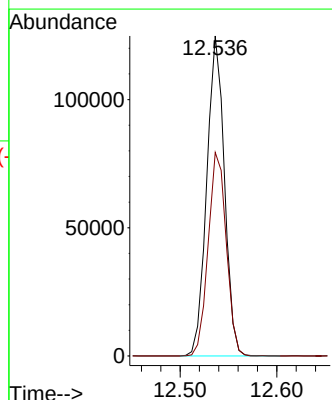
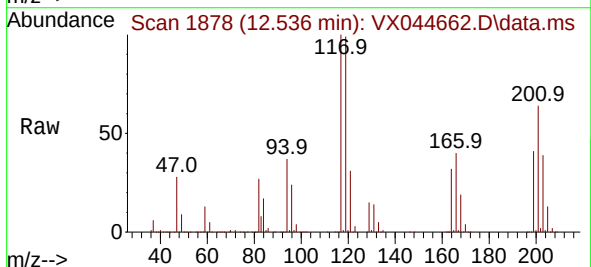
Acq: 16 Jan 2025 09:49

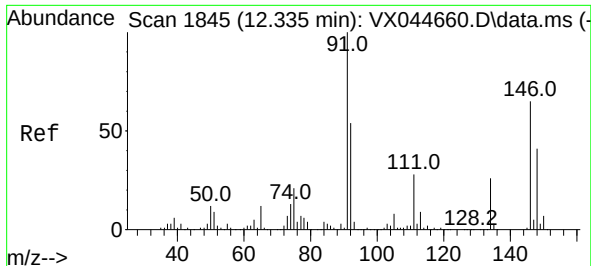
Tgt Ion: 117 Resp: 158825

Ion Ratio Lower Upper

117 100

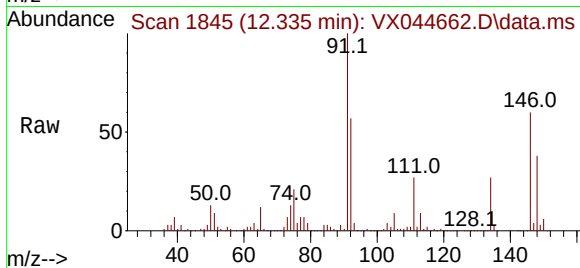
201 65.1 33.0 98.9



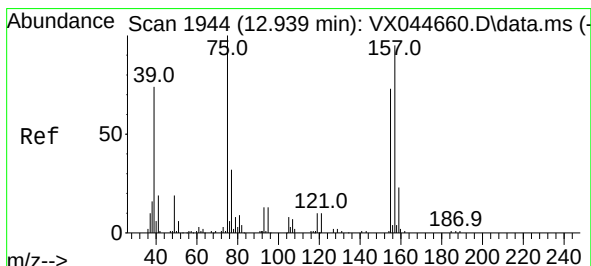
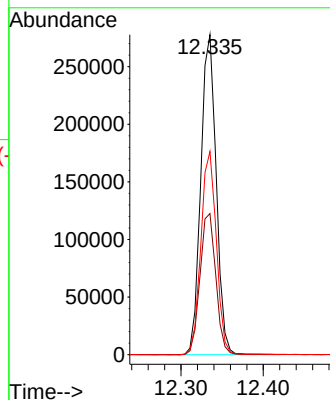
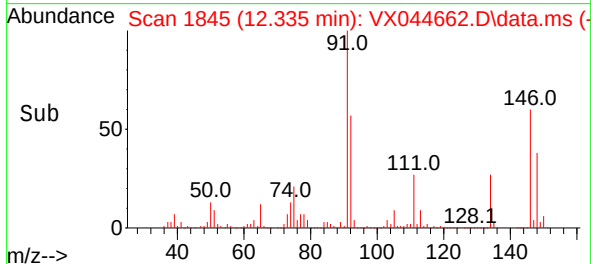


#87  
1,2-Dichlorobenzene  
Concen: 101.166 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

Instrument :  
MSVOA\_X  
ClientSampleId :

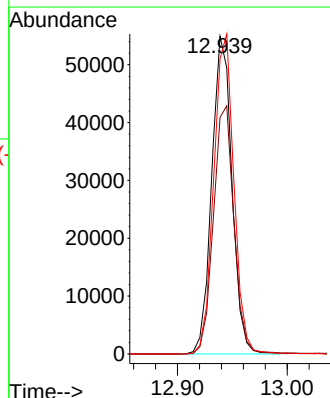
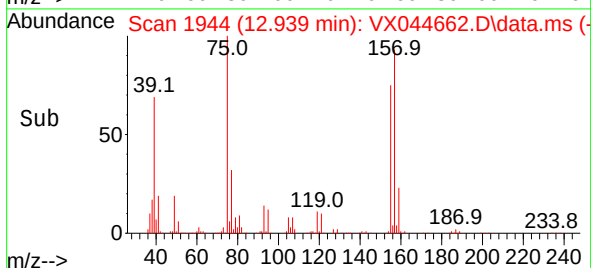
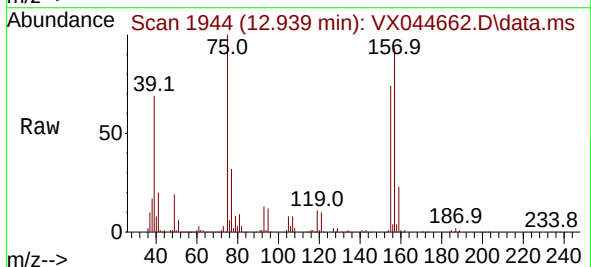


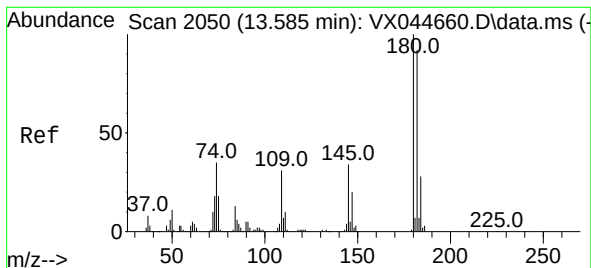
Tgt Ion:146 Resp: 361432  
Ion Ratio Lower Upper  
146 100  
111 45.3 22.2 66.6  
148 63.6 32.1 96.3



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 100.538 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. 0.000 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

Tgt Ion: 75 Resp: 70386  
Ion Ratio Lower Upper  
75 100  
155 78.9 62.3 93.5  
157 100.3 79.9 119.9





#89

1,2,4-Trichlorobenzene

Concen: 109.487 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

Instrument :

MSVOA\_X

ClientSampleId :

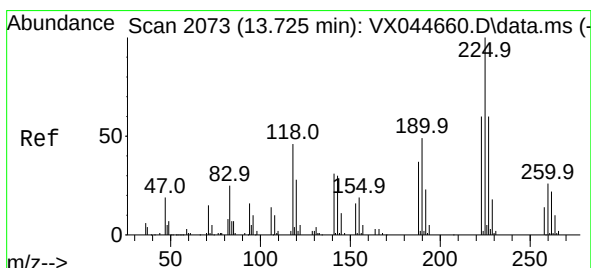
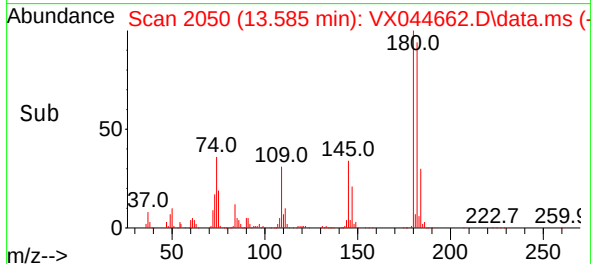
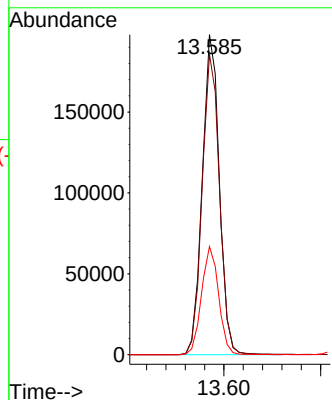
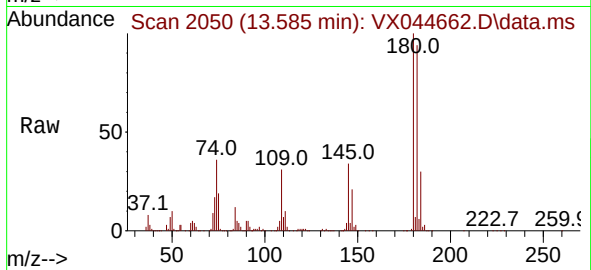
Tgt Ion:180 Resp: 243086

Ion Ratio Lower Upper

180 100

182 95.1 75.6 113.4

145 33.8 26.6 40.0



#90

Hexachlorobutadiene

Concen: 104.321 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX044662.D

Acq: 16 Jan 2025 09:49

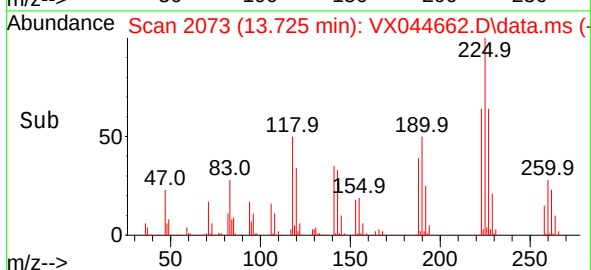
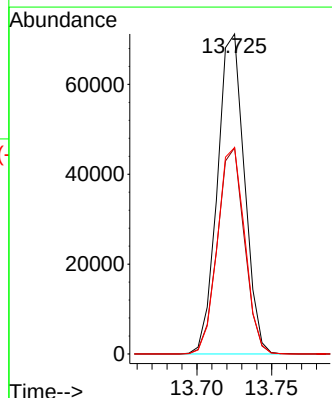
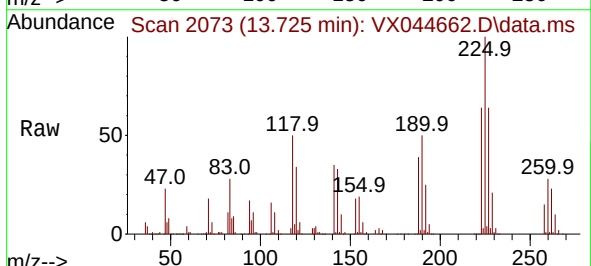
Tgt Ion:225 Resp: 89590

Ion Ratio Lower Upper

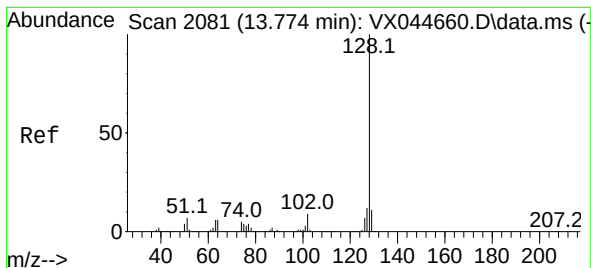
225 100

223 64.3 0.0 123.0

227 65.1 0.0 124.2



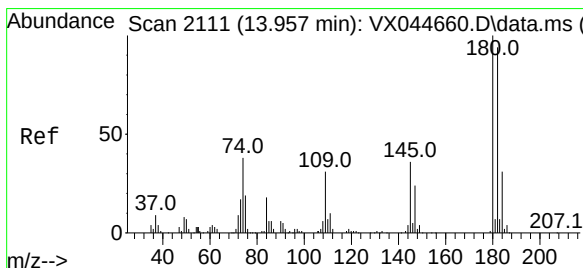
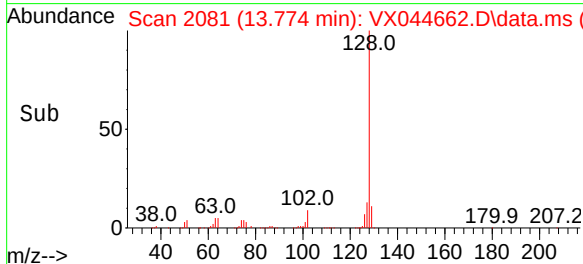
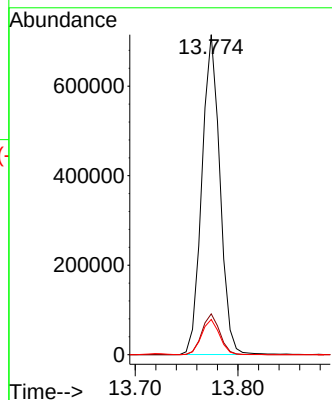
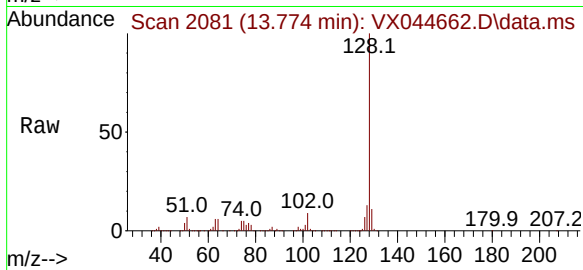




#91  
Naphthalene  
Concen: 105.089 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:128 Resp: 872913  
Ion Ratio Lower Upper  
128 100  
127 12.6 10.2 15.4  
129 11.1 9.0 13.6



#92  
1,2,3-Trichlorobenzene  
Concen: 106.185 ug/l  
RT: 13.957 min Scan# 2111  
Delta R.T. 0.000 min  
Lab File: VX044662.D  
Acq: 16 Jan 2025 09:49

Tgt Ion:180 Resp: 239785  
Ion Ratio Lower Upper  
180 100  
182 94.9 0.0 187.8  
145 36.1 0.0 69.8

