

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_R\Data\VR080525\  
 Data File : VR026708.D  
 Acq On : 5 Aug 2025 12:14  
 Operator : SY/MD  
 Sample : VR0805WBSD01  
 Misc : 5mL/MSVOA\_R/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :

Quant Time: Aug 06 01:21:28 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_R\methods\82R080425W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 05 02:27:49 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.298  | 168   | 461350   | 50.000   | ug/l   | 0.00     |
| 33) 1,4-Difluorobenzene      | 8.322  | 114   | 830309   | 50.000   | ug/l   | 0.00     |
| 62) Chlorobenzene-d5         | 11.534 | 117   | 645406   | 50.000   | ug/l   | 0.00     |
| 71) 1,4-Dichlorobenzene-d4   | 13.738 | 152   | 316008   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 32) 1,2-Dichloroethane-d4    | 7.683  | 65    | 289081   | 49.507   | ug/l   | -0.01    |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 99.020%  |
| 34) Dibromofluoromethane     | 7.192  | 113   | 243217   | 47.360   | ug/l   | -0.01    |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 94.720%  |
| 49) Toluene-d8               | 10.032 | 98    | 968244   | 52.625   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 105.260% |
| 61) 4-Bromofluorobenzene     | 12.667 | 95    | 266102   | 50.850   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 77 - 121 | Recovery | =      | 101.700% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.660  | 85    | 63296    | 18.825   | ug/l   | 90       |
| 3) Chloromethane             | 1.843  | 50    | 104432   | 20.894   | ug/l   | 96       |
| 4) Vinyl Chloride            | 1.958  | 62    | 115321   | 22.579   | ug/l   | 98       |
| 5) Bromomethane              | 2.302  | 94    | 57165    | 22.969   | ug/l   | 99       |
| 6) Chloroethane              | 2.424  | 64    | 67287    | 20.461   | ug/l   | 90       |
| 7) Trichlorofluoromethane    | 2.709  | 101   | 211040   | 22.925   | ug/l   | 99       |
| 8) Diethyl Ether             | 3.072  | 74    | 73806    | 18.070   | ug/l   | 90       |
| 9) 1,1,2-Trichlorotrifluo... | 3.380  | 101   | 88356    | 17.791   | ug/l   | 97       |
| 10) Methyl Iodide            | 3.547  | 142   | 79139    | 16.512   | ug/l # | 79       |
| 11) Tert butyl alcohol       | 4.323  | 59    | 89788    | 98.281   | ug/l # | 88       |
| 12) 1,1-Dichloroethene       | 3.354  | 96    | 85364    | 17.394   | ug/l   | 93       |
| 13) Acrolein                 | 3.242  | 56    | 135279   | 101.297  | ug/l   | 97       |
| 14) Allyl chloride           | 3.884  | 41    | 165400   | 17.131   | ug/l   | 94       |
| 15) Acrylonitrile            | 4.481  | 53    | 364712   | 100.568  | ug/l   | 98       |
| 16) Acetone                  | 3.438  | 43    | 246185   | 89.830   | ug/l   | 98       |
| 17) Carbon Disulfide         | 3.640  | 76    | 104882   | 14.437   | ug/l # | 94       |
| 18) Methyl Acetate           | 3.897  | 43    | 252616   | 22.085   | ug/l   | 96       |
| 19) Methyl tert-butyl Ether  | 4.551  | 73    | 359109   | 18.285   | ug/l   | 98       |
| 20) Methylene Chloride       | 4.076  | 84    | 112845   | 17.351   | ug/l   | 93       |
| 21) trans-1,2-Dichloroethene | 4.529  | 96    | 89555    | 16.600   | ug/l   | 90       |
| 22) Diisopropyl ether        | 5.463  | 45    | 460642   | 20.360   | ug/l # | 93       |
| 23) Vinyl Acetate            | 5.389  | 43    | 1361724  | 105.558  | ug/l # | 92       |
| 24) 1,1-Dichloroethane       | 5.331  | 63    | 203434   | 17.755   | ug/l   | 99       |
| 25) 2-Butanone               | 6.371  | 43    | 447853   | 105.581  | ug/l   | 91       |
| 26) 2,2-Dichloropropane      | 6.342  | 77    | 75302    | 9.507    | ug/l   | 96       |
| 27) cis-1,2-Dichloroethene   | 6.345  | 96    | 122843   | 17.699   | ug/l   | 95       |
| 28) Bromochloromethane       | 6.740  | 49    | 46769    | 11.328   | ug/l # | 57       |
| 29) Chloroform               | 6.952  | 83    | 186119   | 18.753   | ug/l   | 98       |
| 30) Cyclohexane              | 7.269  | 56    | 160962   | 17.396   | ug/l   | 86       |
| 31) 1,1,1-Trichloroethane    | 7.173  | 97    | 125671   | 17.529   | ug/l # | 88       |
| 35) 1,1-Dichloropropene      | 7.423  | 75    | 113272   | 17.484   | ug/l   | 93       |
| 36) Ethyl Acetate            | 6.480  | 43    | 148771   | 19.181   | ug/l # | 92       |
| 37) Carbon Tetrachloride     | 7.404  | 117   | 89486    | 16.960   | ug/l   | 90       |
| 38) Methylcyclohexane        | 8.880  | 83    | 135320   | 18.247   | ug/l   | 94       |
| 39) Benzene                  | 7.702  | 78    | 446547   | 19.140   | ug/l   | 99       |
| 40) Methacrylonitrile        | 6.724  | 41    | 95602    | 19.834   | ug/l   | 97       |

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 Sample : VR0805WBSD01  
 Misc : 5mL/MSVOA\_R/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :

Quant Time: Aug 06 01:21:28 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_R\methods\82R080425W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 05 02:27:49 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) 1,2-Dichloroethane        | 7.795  | 62   | 122487   | 20.641  | ug/l   | 92       |
| 42) Isopropyl Acetate         | 7.866  | 43   | 249391   | 19.997  | ug/l   | 99       |
| 43) Trichloroethene           | 8.601  | 130  | 89616    | 19.973  | ug/l   | 93       |
| 44) 1,2-Dichloropropane       | 8.919  | 63   | 108163   | 19.591  | ug/l   | 93       |
| 45) Dibromomethane            | 9.015  | 93   | 59806    | 19.477  | ug/l   | 95       |
| 46) Bromodichloromethane      | 9.243  | 83   | 114943   | 19.320  | ug/l   | 90       |
| 47) Methyl methacrylate       | 9.028  | 41   | 112614   | 20.631  | ug/l   | 98       |
| 48) 1,4-Dioxane               | 9.025  | 88   | 38882    | 442.221 | ug/l   | 95       |
| 50) 4-Methyl-2-Pentanone      | 9.913  | 43   | 754949   | 115.950 | ug/l   | 95       |
| 51) Toluene                   | 10.106 | 92   | 237240   | 19.919  | ug/l   | 99       |
| 52) t-1,3-Dichloropropene     | 10.363 | 75   | 108997   | 18.692  | ug/l   | 97       |
| 53) cis-1,3-Dichloropropene   | 9.743  | 75   | 127942   | 18.292  | ug/l   | 95       |
| 54) 1,1,2-Trichloroethane     | 10.571 | 97   | 92345    | 21.231  | ug/l   | 93       |
| 55) Ethyl methacrylate        | 10.430 | 69   | 144657   | 20.139  | ug/l   | 96       |
| 56) 1,3-Dichloropropane       | 10.728 | 76   | 160348   | 21.643  | ug/l   | 98       |
| 57) 2-Chloroethyl Vinyl ether | 9.586  | 63   | 51492    | 129.719 | ug/l   | 100      |
| 58) 2-Hexanone                | 10.793 | 43   | 493847   | 112.511 | ug/l   | 98       |
| 59) Dibromochloromethane      | 10.953 | 129  | 67259    | 18.271  | ug/l   | 96       |
| 60) 1,2-Dibromoethane         | 11.069 | 107  | 80875    | 21.604  | ug/l   | 100      |
| 63) Tetrachloroethene         | 10.648 | 164  | 66323    | 18.811  | ug/l # | 84       |
| 64) Chlorobenzene             | 11.563 | 112  | 254447   | 18.943  | ug/l   | 98       |
| 65) 1,1,1,2-Tetrachloroethane | 11.646 | 131  | 66144    | 18.029  | ug/l   | 94       |
| 66) Ethyl Benzene             | 11.656 | 91   | 424262   | 18.917  | ug/l   | 97       |
| 67) m/p-Xylenes               | 11.781 | 106  | 342990   | 38.279  | ug/l   | 98       |
| 68) o-Xylene                  | 12.153 | 106  | 168722   | 19.398  | ug/l   | 95       |
| 69) Styrene                   | 12.166 | 104  | 282945   | 19.466  | ug/l   | 99       |
| 70) Bromoform                 | 12.352 | 173  | 37508    | 18.065  | ug/l # | 62       |
| 72) Isopropylbenzene          | 12.500 | 105  | 403555   | 17.917  | ug/l   | 99       |
| 73) N-amyl acetate            | 12.298 | 43   | 161041   | 18.033  | ug/l   | 97       |
| 74) 1,1,2,2-Tetrachloroethane | 12.782 | 83   | 124887   | 18.898  | ug/l   | 99       |
| 75) 1,2,3-Trichloropropane    | 12.840 | 75   | 139273   | 26.588  | ug/l # | 100      |
| 76) Bromobenzene              | 12.808 | 156  | 93768    | 17.989  | ug/l   | 96       |
| 77) n-propylbenzene           | 12.885 | 91   | 482077   | 17.940  | ug/l   | 98       |
| 78) 2-Chlorotoluene           | 12.981 | 91   | 268478   | 17.610  | ug/l   | 97       |
| 79) 1,3,5-Trimethylbenzene    | 13.045 | 105  | 311831   | 17.705  | ug/l   | 97       |
| 80) trans-1,4-Dichloro-2-b... | 12.551 | 75   | 26046    | 14.482  | ug/l # | 76       |
| 81) 4-Chlorotoluene           | 13.090 | 91   | 274895   | 17.650  | ug/l   | 98       |
| 82) tert-Butylbenzene         | 13.341 | 119  | 285022   | 17.791  | ug/l   | 96       |
| 83) 1,2,4-Trimethylbenzene    | 13.392 | 105  | 316112   | 18.131  | ug/l   | 99       |
| 84) sec-Butylbenzene          | 13.546 | 105  | 438275   | 18.447  | ug/l   | 99       |
| 85) p-Isopropyltoluene        | 13.677 | 119  | 351677   | 18.154  | ug/l   | 99       |
| 86) 1,3-Dichlorobenzene       | 13.671 | 146  | 190500   | 18.642  | ug/l   | 98       |
| 87) 1,4-Dichlorobenzene       | 13.761 | 146  | 187132   | 18.245  | ug/l   | 99       |
| 88) n-Butylbenzene            | 14.046 | 91   | 321125   | 17.986  | ug/l   | 99       |
| 89) Hexachloroethane          | 14.348 | 117  | 44103    | 15.854  | ug/l   | 95       |
| 90) 1,2-Dichlorobenzene       | 14.088 | 146  | 176739   | 18.415  | ug/l   | 99       |
| 91) 1,2-Dibromo-3-Chloropr... | 14.788 | 75   | 14695    | 16.699  | ug/l   | 95       |
| 92) 1,2,4-Trichlorobenzene    | 15.548 | 180  | 101491   | 17.684  | ug/l   | 96       |
| 93) Hexachlorobutadiene       | 15.677 | 225  | 30424    | 16.316  | ug/l # | 72       |
| 94) Naphthalene               | 15.827 | 128  | 342024   | 19.447  | ug/l   | 99       |
| 95) 1,2,3-Trichlorobenzene    | 16.052 | 180  | 102162   | 18.751  | ug/l   | 99       |

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Data File : VR026708.D  
Acq On : 5 Aug 2025 12:14  
Operator : SY/MD  
Sample : VR0805WBSD01  
Misc : 5mL/MSVOA\_R/WATER  
ALS Vial : 7 Sample Multiplier: 1

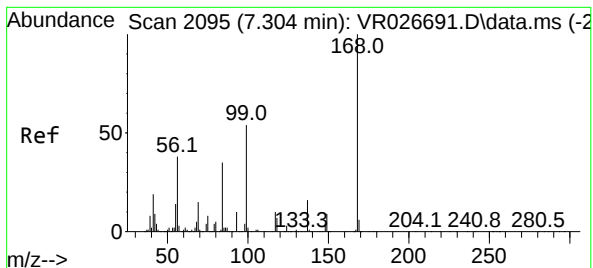
Instrument :  
MSVOA\_R  
ClientSampleId :

Quant Time: Aug 06 01:21:28 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_R\methods\82R080425W.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 05 02:27:49 2025  
Response via : Initial Calibration

| Compound                                                             | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |

Quant Time: Aug 06 01:21:28 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_R\methods\82R080425W.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 05 02:27:49 2025  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.298 min Scan# 20

Delta R.T. -0.006 min

Lab File: VR026708.D

Acq: 5 Aug 2025 12:14

Instrument :

MSVOA\_R

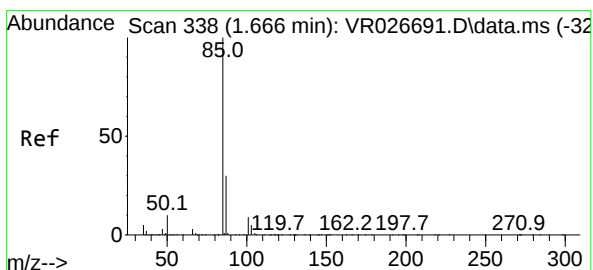
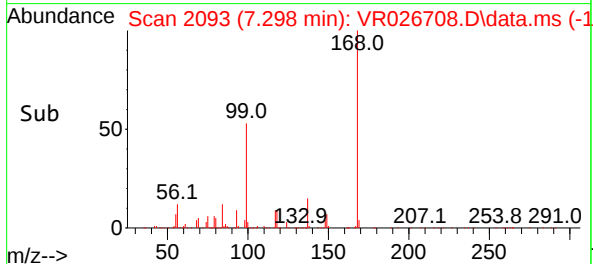
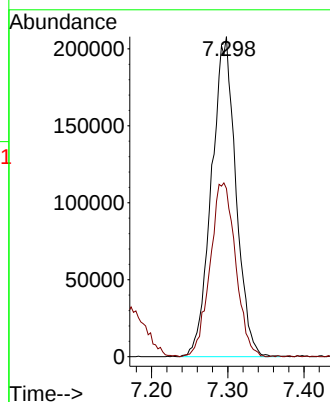
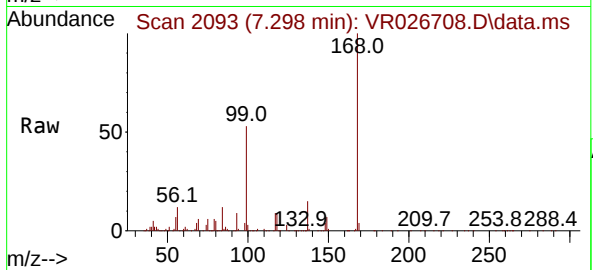
ClientSampleId :

Tgt Ion:168 Resp: 461350

Ion Ratio Lower Upper

168 100

99 52.5 43.8 65.8



#2

Dichlorodifluoromethane

Concen: 18.825 ug/l

RT: 1.660 min Scan# 336

Delta R.T. -0.006 min

Lab File: VR026708.D

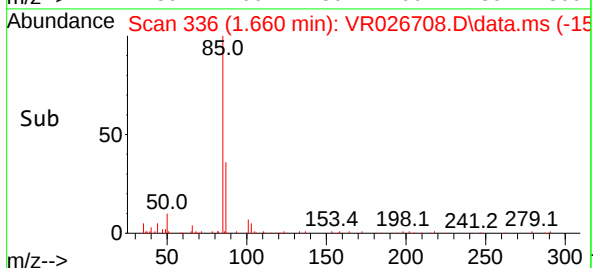
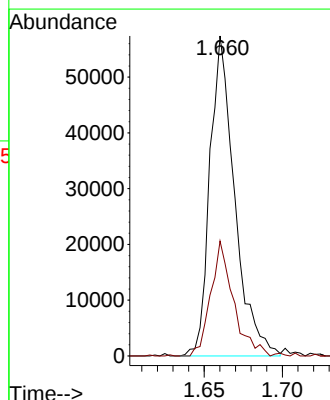
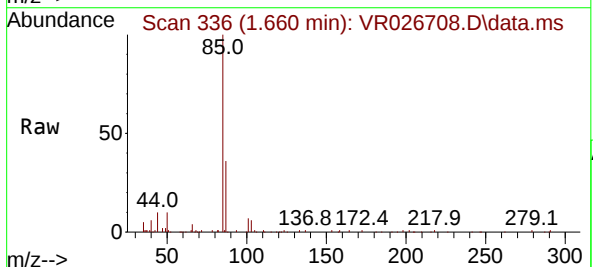
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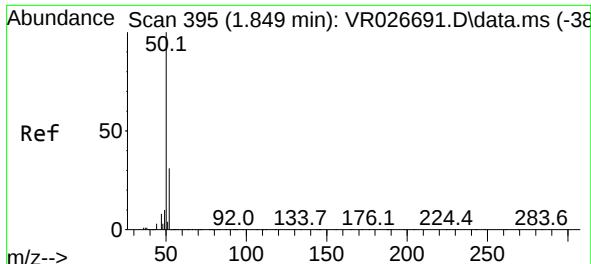
Tgt Ion: 85 Resp: 63296

Ion Ratio Lower Upper

85 100

87 35.6 15.2 45.5

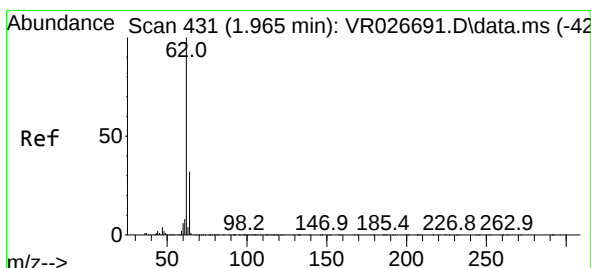
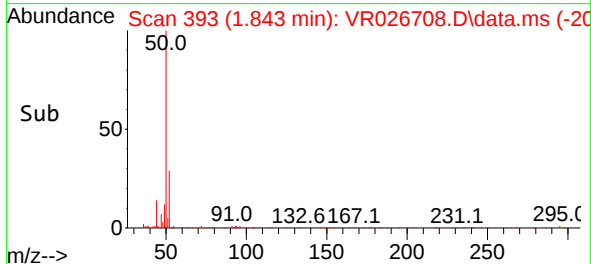
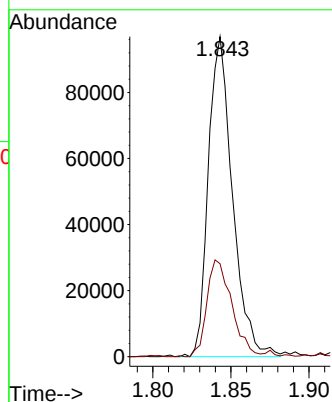
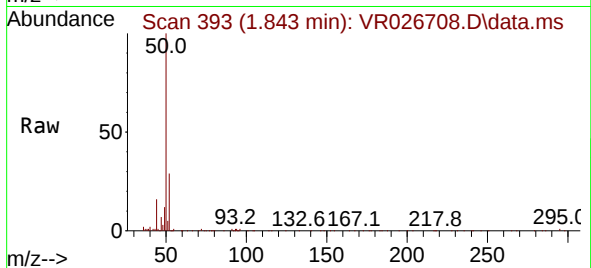




#3  
Chloromethane  
Concen: 20.894 ug/l  
RT: 1.843 min Scan# 395  
Delta R.T. -0.006 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

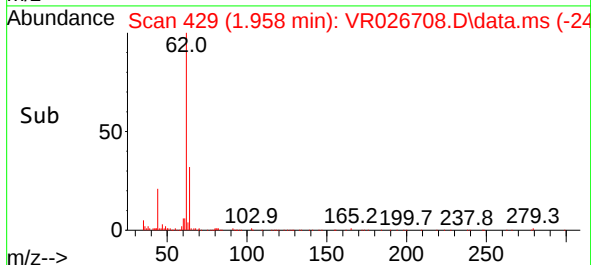
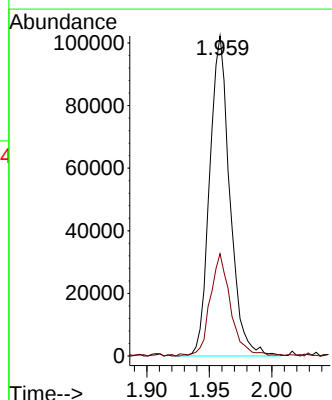
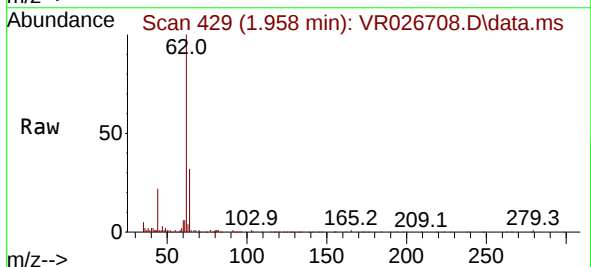
Instrument :  
MSVOA\_R  
ClientSampleId :

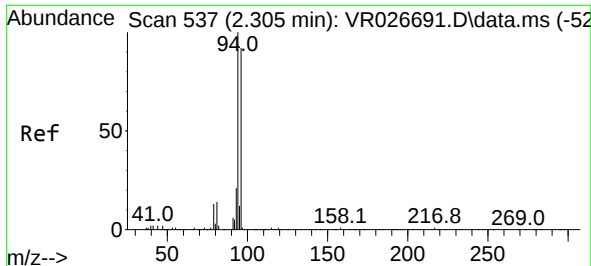
Tgt Ion: 50 Resp: 104432  
Ion Ratio Lower Upper  
50 100  
52 28.8 25.0 37.4



#4  
Vinyl Chloride  
Concen: 22.579 ug/l  
RT: 1.958 min Scan# 429  
Delta R.T. -0.006 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

Tgt Ion: 62 Resp: 115321  
Ion Ratio Lower Upper  
62 100  
64 31.4 25.9 38.9

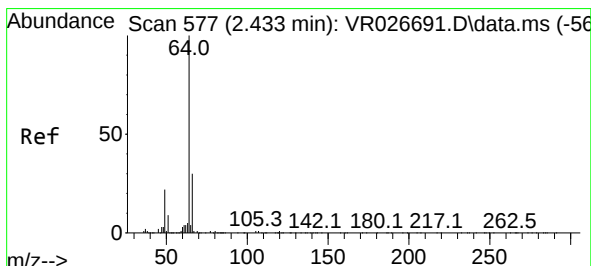
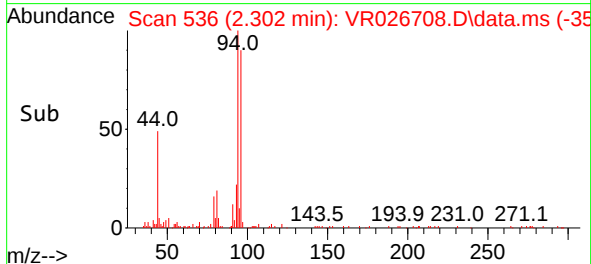
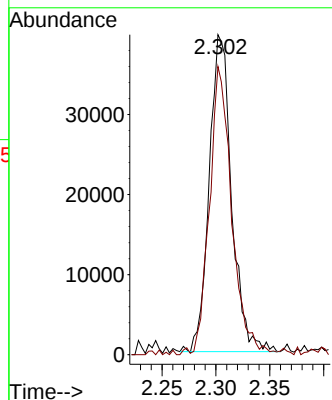
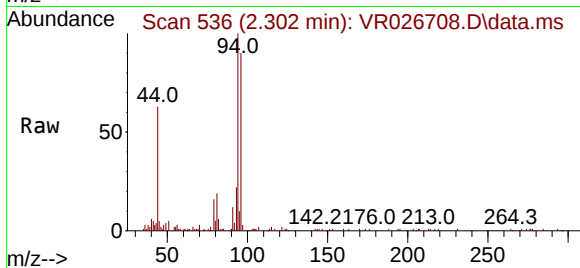




#5  
Bromomethane  
Concen: 22.969 ug/l  
RT: 2.302 min Scan# 51  
Delta R.T. -0.003 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

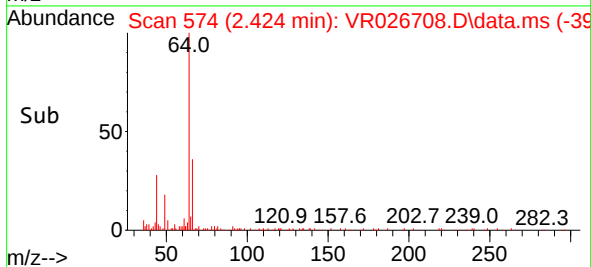
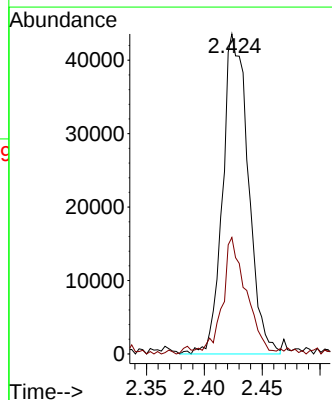
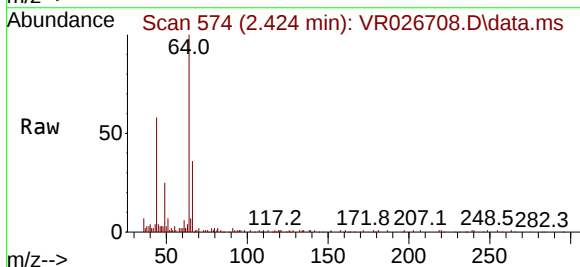
Instrument :  
MSVOA\_R  
ClientSampleId :

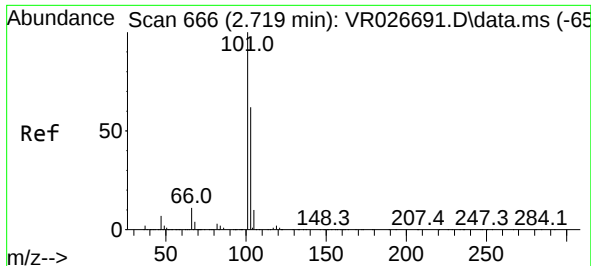
Tgt Ion: 94 Resp: 57165  
Ion Ratio Lower Upper  
94 100  
96 90.9 73.3 109.9



#6  
Chloroethane  
Concen: 20.461 ug/l  
RT: 2.424 min Scan# 574  
Delta R.T. -0.010 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

Tgt Ion: 64 Resp: 67287  
Ion Ratio Lower Upper  
64 100  
66 36.0 24.3 36.5

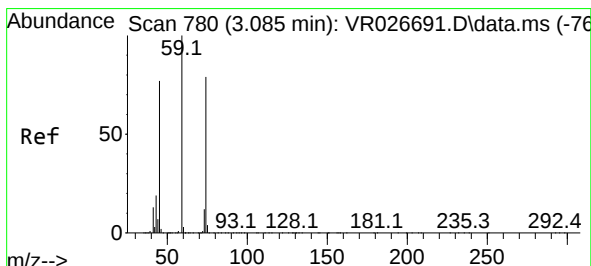
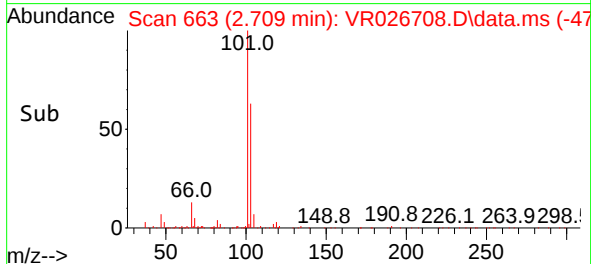
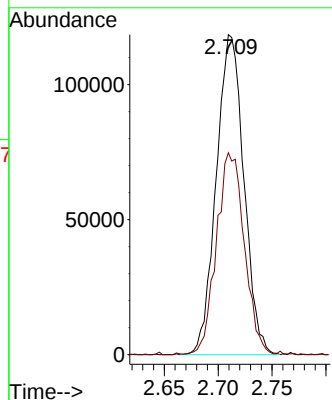
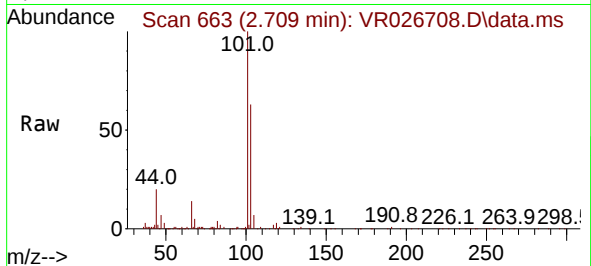




#7  
 Trichlorofluoromethane  
 Concen: 22.925 ug/l  
 RT: 2.709 min Scan# 610  
 Delta R.T. -0.010 min  
 Lab File: VR026708.D  
 Acq: 5 Aug 2025 12:14

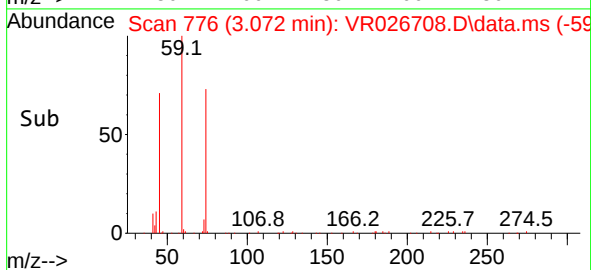
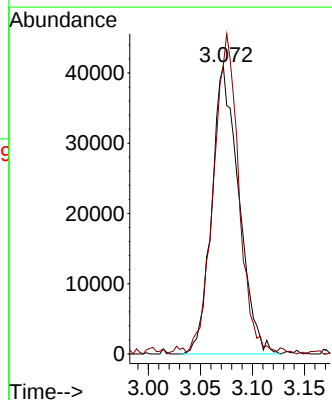
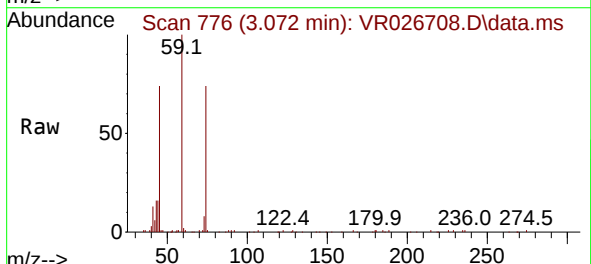
Instrument :  
 MSVOA\_R  
 ClientSampleId :

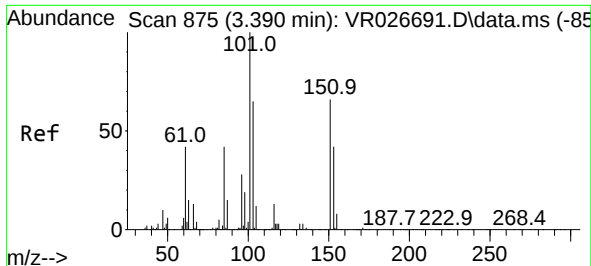
Tgt Ion:101 Resp: 211040  
 Ion Ratio Lower Upper  
 101 100  
 103 62.9 49.4 74.2



#8  
 Diethyl Ether  
 Concen: 18.070 ug/l  
 RT: 3.072 min Scan# 776  
 Delta R.T. -0.013 min  
 Lab File: VR026708.D  
 Acq: 5 Aug 2025 12:14

Tgt Ion: 74 Resp: 73806  
 Ion Ratio Lower Upper  
 74 100  
 45 103.5 47.1 141.3

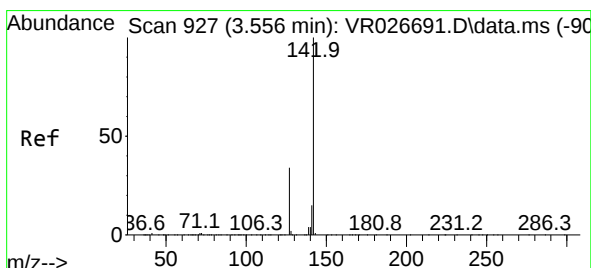
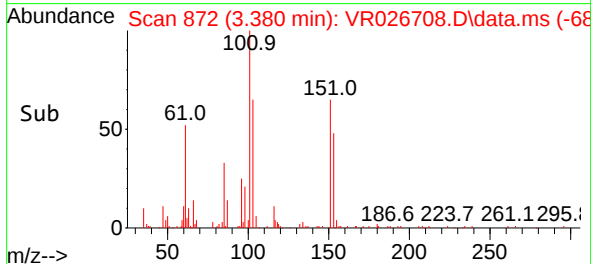
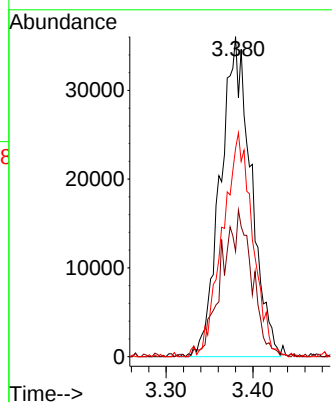
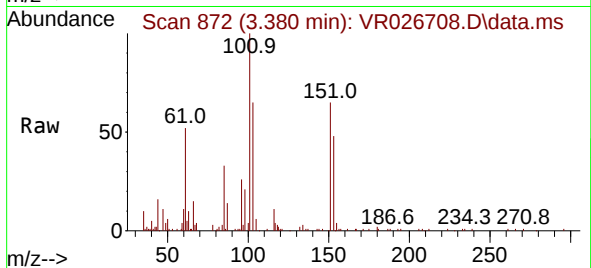




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 17.791 ug/l  
RT: 3.380 min Scan# 81  
Delta R.T. -0.010 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

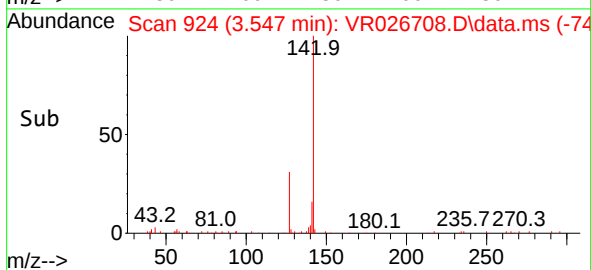
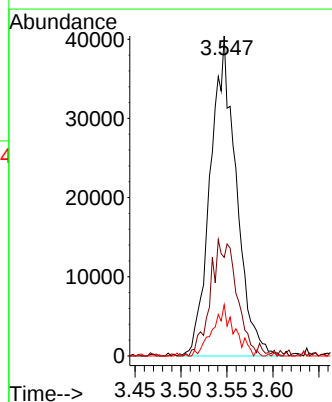
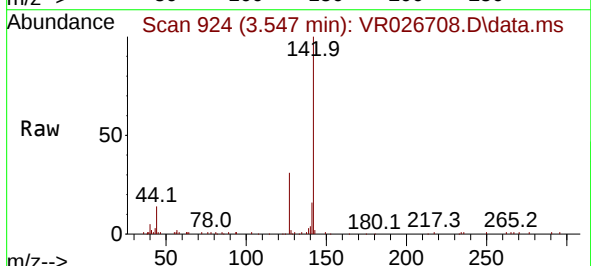
Instrument :  
MSVOA\_R  
ClientSampleId :

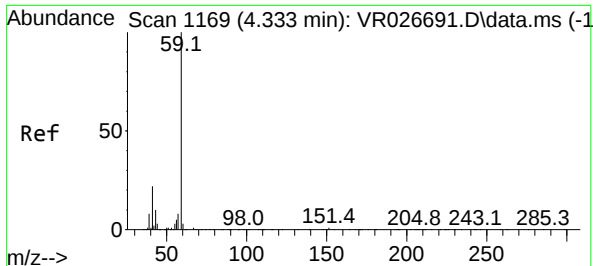
Tgt Ion:101 Resp: 88356  
Ion Ratio Lower Upper  
101 100  
85 45.7 34.5 51.7  
151 68.6 53.4 80.0



#10  
Methyl Iodide  
Concen: 16.512 ug/l  
RT: 3.547 min Scan# 924  
Delta R.T. -0.010 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

Tgt Ion:142 Resp: 79139  
Ion Ratio Lower Upper  
142 100  
127 20.2 30.1 45.1#  
141 13.4 10.8 16.2





#11

Tert butyl alcohol

Concen: 98.281 ug/l

RT: 4.323 min Scan# 1166

Delta R.T. -0.010 min

Lab File: VR026708.D

Acq: 5 Aug 2025 12:14

Instrument :

MSVOA\_R

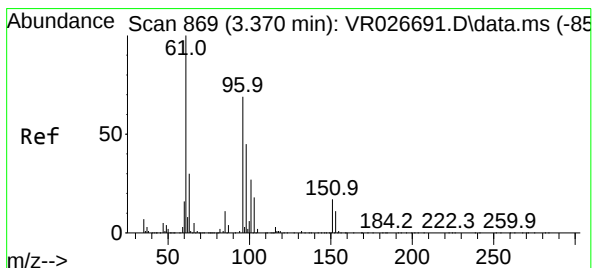
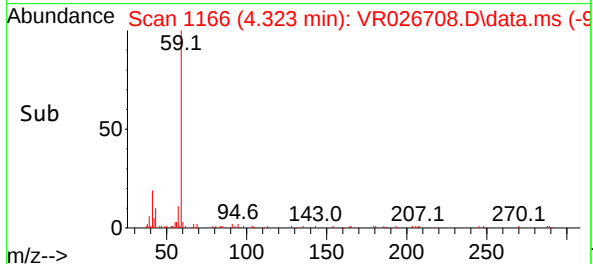
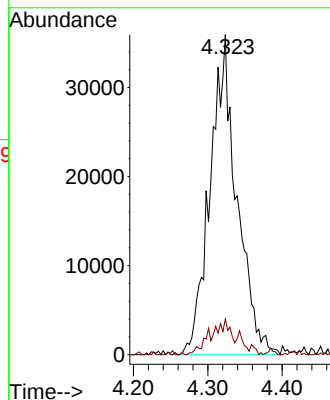
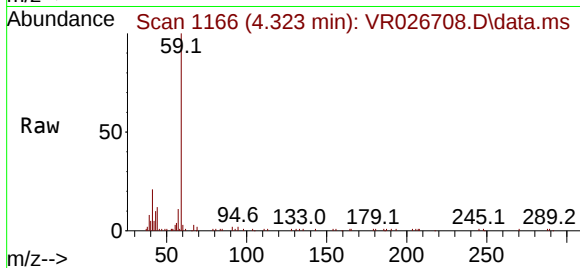
ClientSampleId :

Tgt Ion: 59 Resp: 89788

Ion Ratio Lower Upper

59 100

57 5.4 7.7 11.5#



#12

1,1-Dichloroethene

Concen: 17.394 ug/l

RT: 3.354 min Scan# 864

Delta R.T. -0.016 min

Lab File: VR026708.D

Acq: 5 Aug 2025 12:14

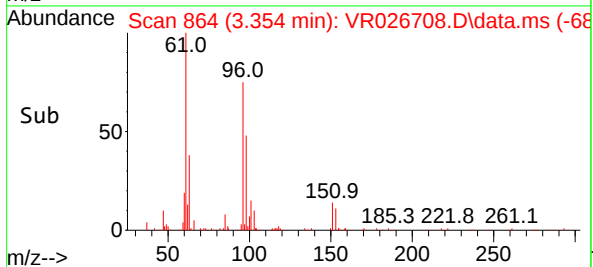
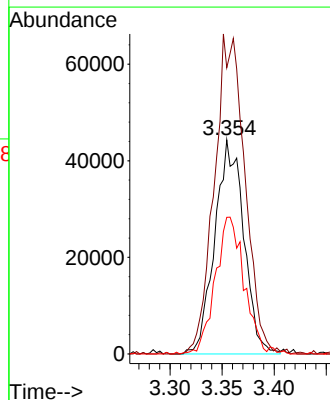
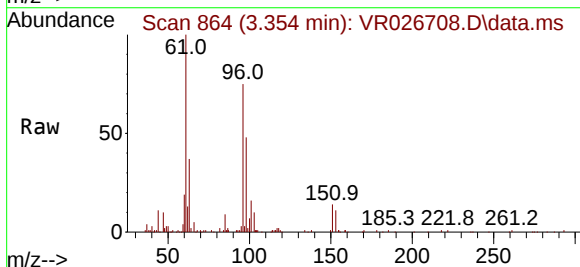
Tgt Ion: 96 Resp: 85364

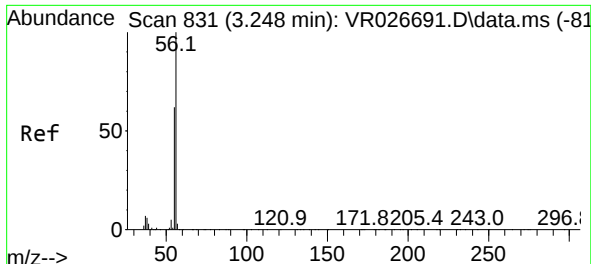
Ion Ratio Lower Upper

96 100

61 133.7 116.2 174.4

98 63.8 52.3 78.5

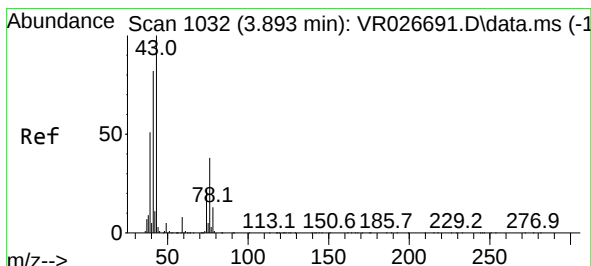
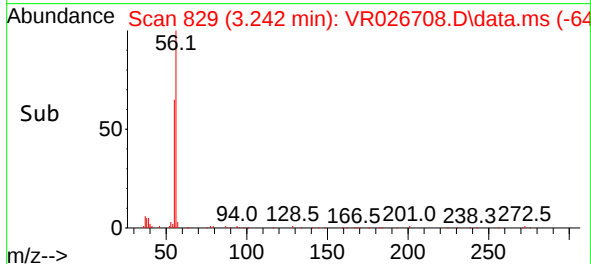
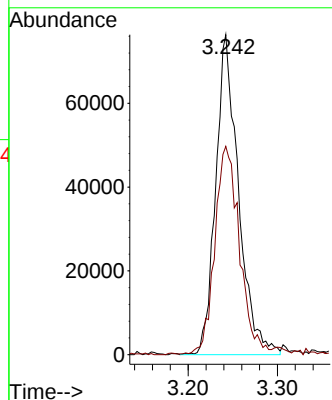
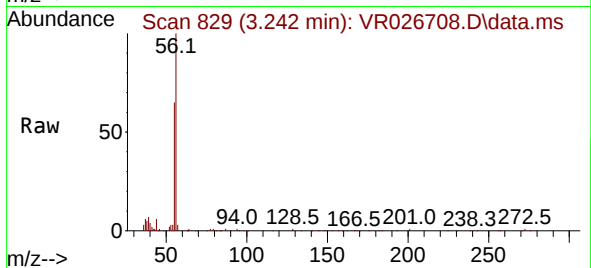




#13  
Acrolein  
Concen: 101.297 ug/l  
RT: 3.242 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

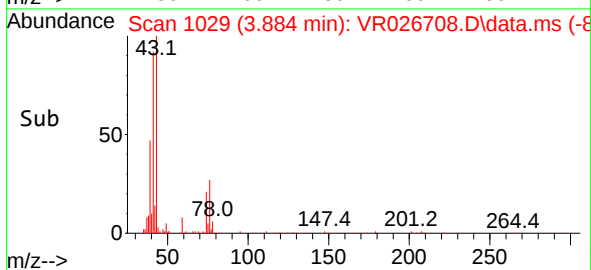
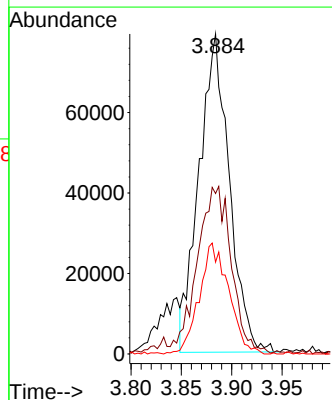
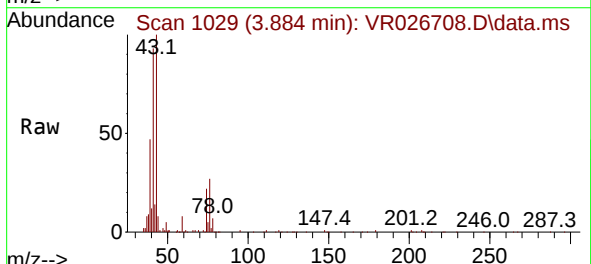
Instrument :  
MSVOA\_R  
ClientSampleId :

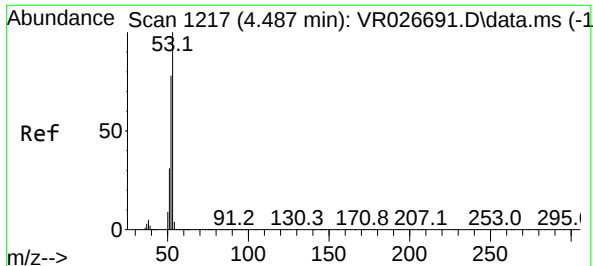
Tgt Ion: 56 Resp: 135279  
Ion Ratio Lower Upper  
56 100  
55 69.9 53.8 80.8



#14  
Allyl chloride  
Concen: 17.131 ug/l  
RT: 3.884 min Scan# 1029  
Delta R.T. -0.010 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

Tgt Ion: 41 Resp: 165400  
Ion Ratio Lower Upper  
41 100  
39 58.3 44.2 66.2  
76 33.9 31.0 46.4





#15

Acrylonitrile

Concen: 100.568 ug/l

RT: 4.481 min Scan# 11

Delta R.T. -0.006 min

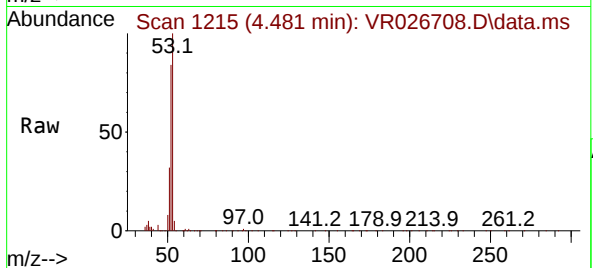
Lab File: VR026708.D

Acq: 5 Aug 2025 12:14

Instrument :

MSVOA\_R

ClientSampleId :



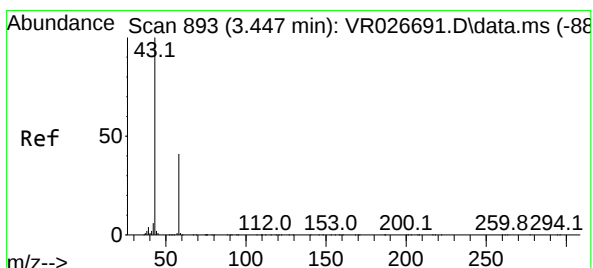
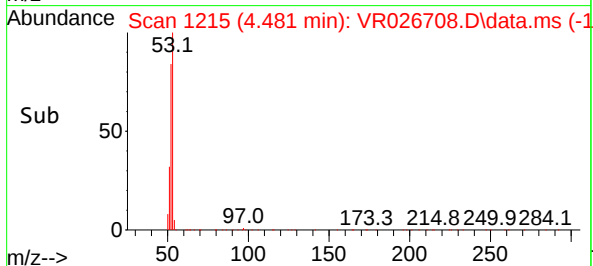
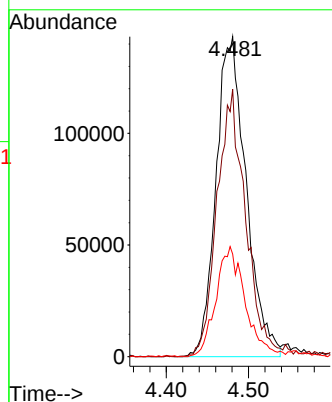
Tgt Ion: 53 Resp: 364712

Ion Ratio Lower Upper

53 100

52 79.0 61.4 92.2

51 33.5 25.8 38.6



#16

Acetone

Concen: 89.830 ug/l

RT: 3.438 min Scan# 890

Delta R.T. -0.010 min

Lab File: VR026708.D

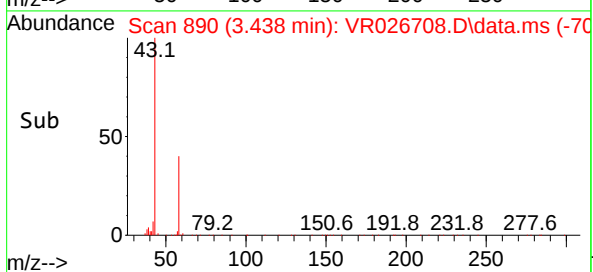
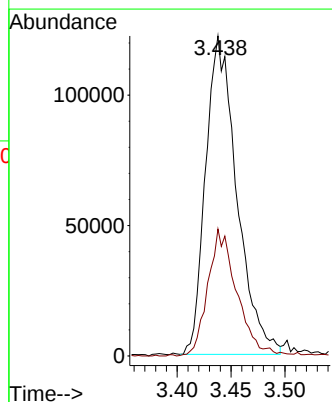
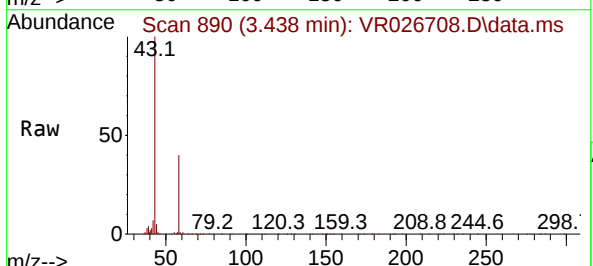
Acq: 5 Aug 2025 12:14

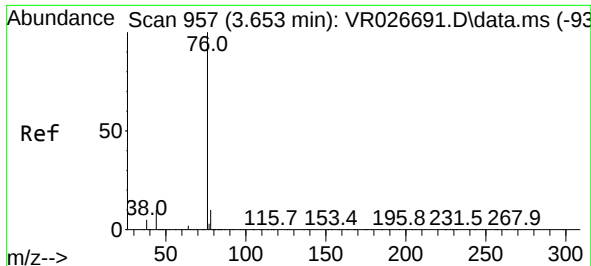
Tgt Ion: 43 Resp: 246185

Ion Ratio Lower Upper

43 100

58 39.7 32.9 49.3

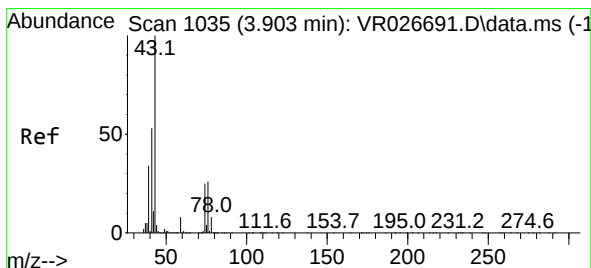
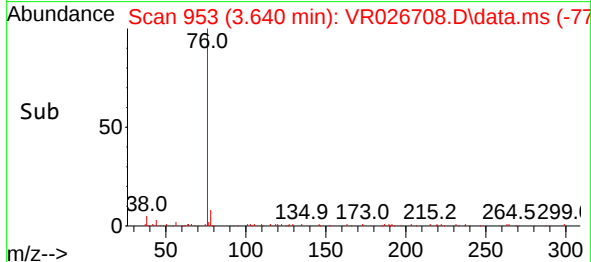
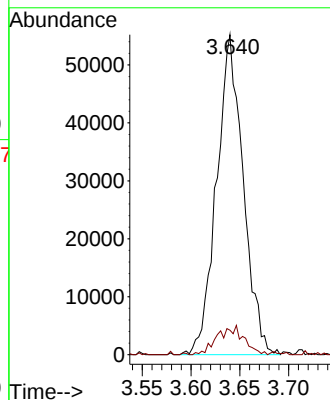
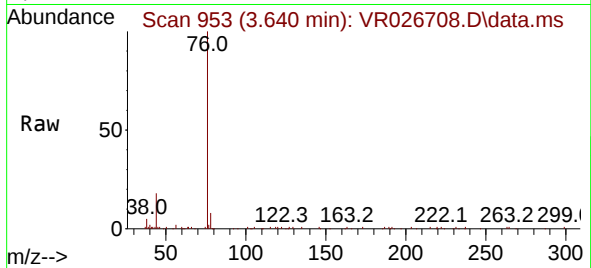




#17  
Carbon Disulfide  
Concen: 14.437 ug/l  
RT: 3.640 min Scan# 91  
Delta R.T. -0.013 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

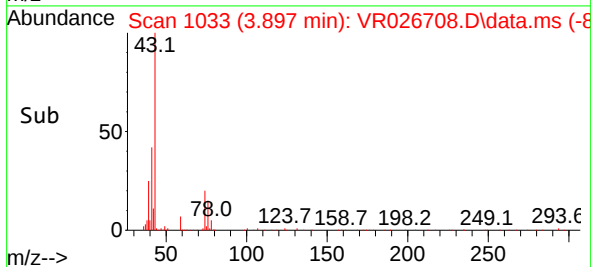
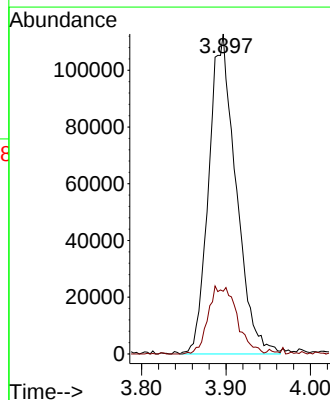
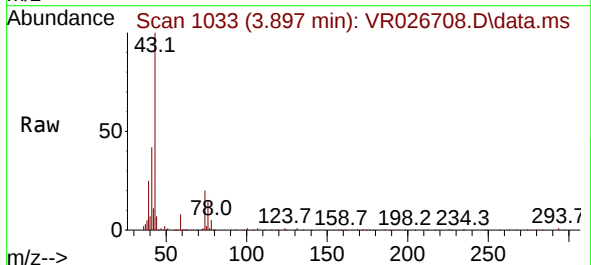
Instrument :  
MSVOA\_R  
ClientSampleId :

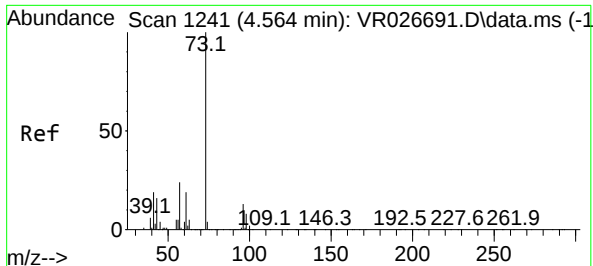
Tgt Ion: 76 Resp: 104882  
Ion Ratio Lower Upper  
76 100  
78 7.6 7.8 11.6#



#18  
Methyl Acetate  
Concen: 22.085 ug/l  
RT: 3.897 min Scan# 1033  
Delta R.T. -0.006 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

Tgt Ion: 43 Resp: 252616  
Ion Ratio Lower Upper  
43 100  
74 22.2 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 18.285 ug/l

RT: 4.551 min Scan# 11

Delta R.T. -0.013 min

Lab File: VR026708.D

Acq: 5 Aug 2025 12:14

Instrument :

MSVOA\_R

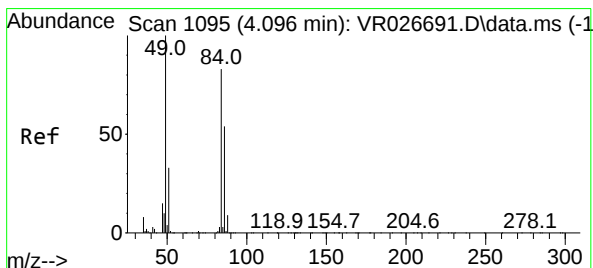
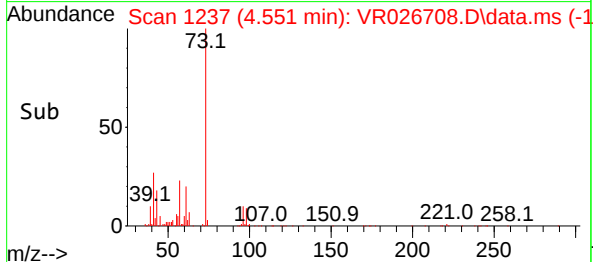
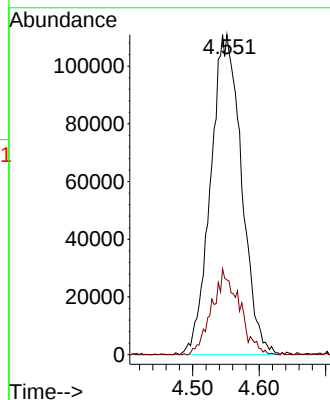
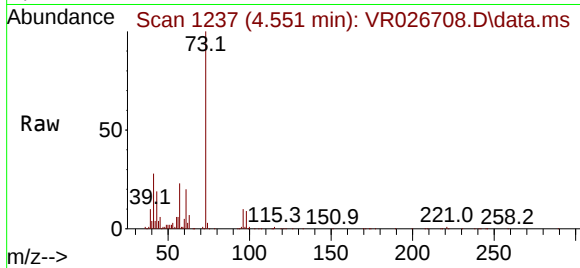
ClientSampleId :

Tgt Ion: 73 Resp: 359109

Ion Ratio Lower Upper

73 100

57 23.4 19.4 29.0



#20

Methylene Chloride

Concen: 17.351 ug/l

RT: 4.076 min Scan# 1089

Delta R.T. -0.019 min

Lab File: VR026708.D

Acq: 5 Aug 2025 12:14

Tgt Ion: 84 Resp: 112845

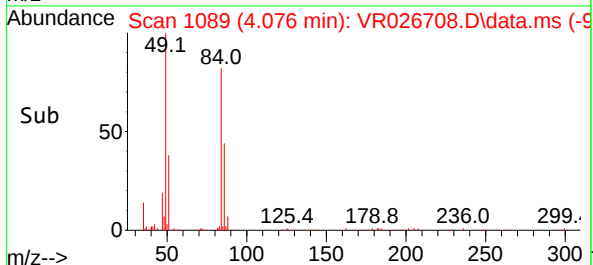
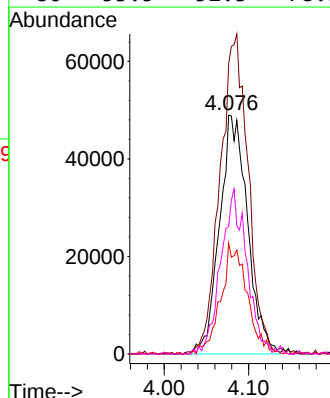
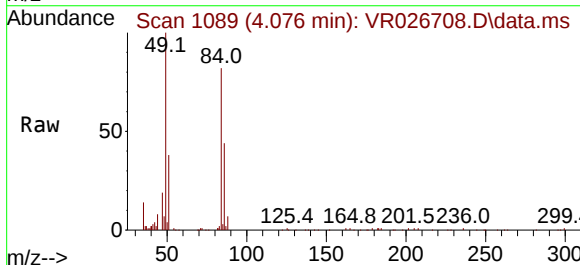
Ion Ratio Lower Upper

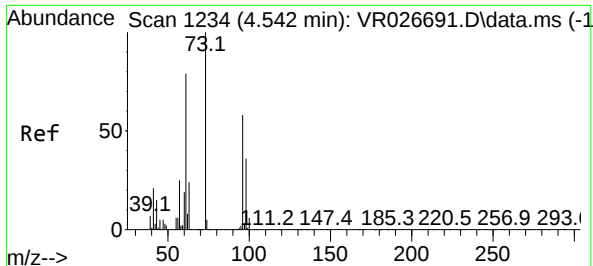
84 100

49 120.9 96.2 144.4

51 46.3 31.8 47.6

86 53.5 52.3 78.5

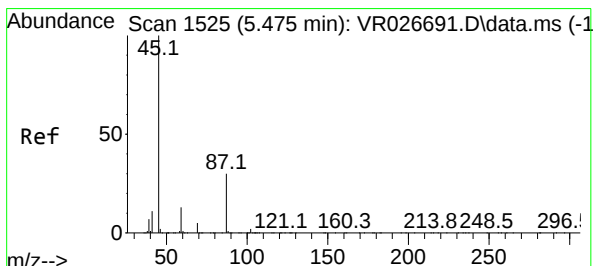
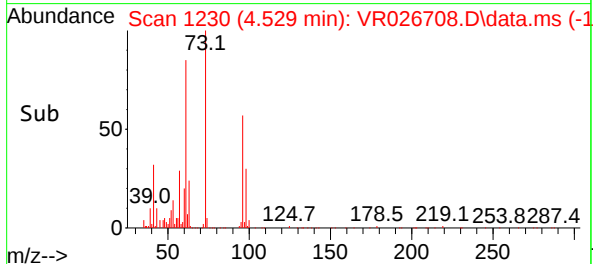
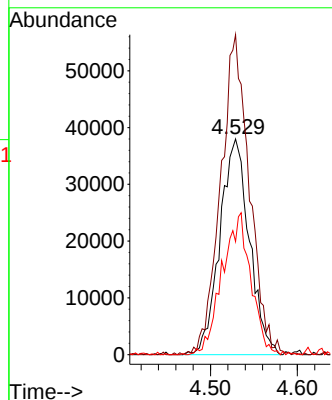
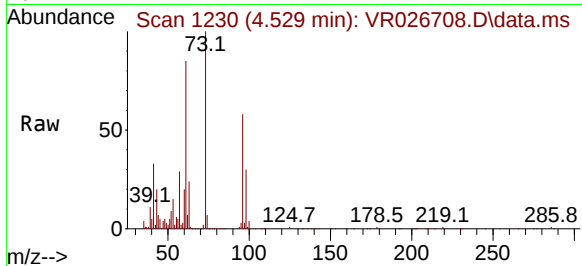




#21  
trans-1,2-Dichloroethene  
Concen: 16.600 ug/l  
RT: 4.529 min Scan# 11  
Delta R.T. -0.013 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

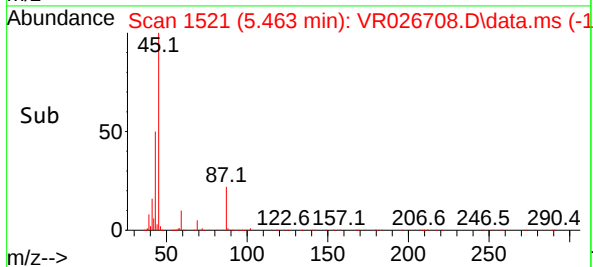
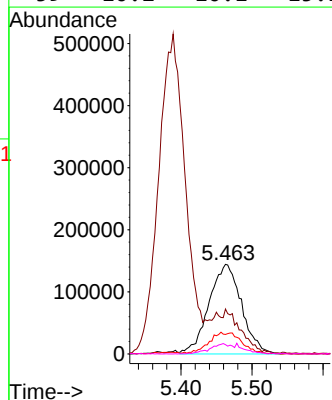
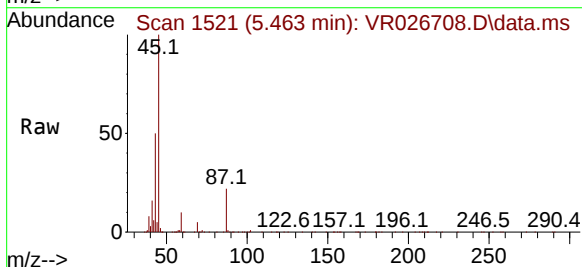
Instrument :  
MSVOA\_R  
ClientSampleId :

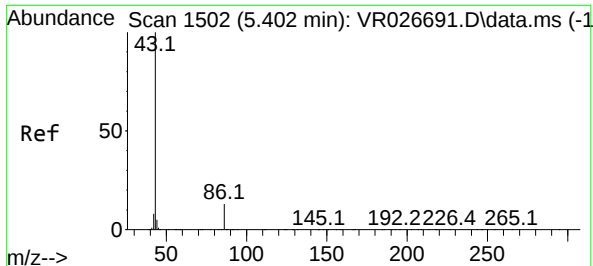
Tgt Ion: 96 Resp: 89555  
Ion Ratio Lower Upper  
96 100  
61 147.4 110.3 165.5  
98 52.4 50.2 75.4



#22  
Diisopropyl ether  
Concen: 20.360 ug/l  
RT: 5.463 min Scan# 1521  
Delta R.T. -0.013 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

Tgt Ion: 45 Resp: 460642  
Ion Ratio Lower Upper  
45 100  
43 49.3 38.2 57.2  
87 21.5 24.0 36.0#  
59 10.2 10.1 15.1

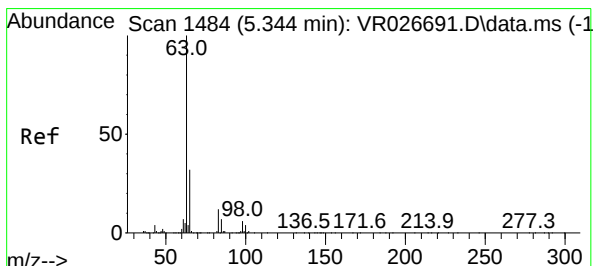
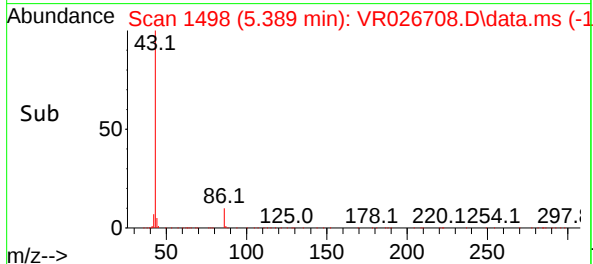
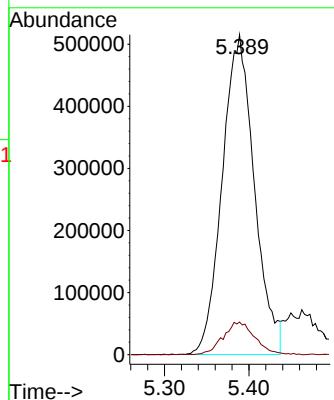
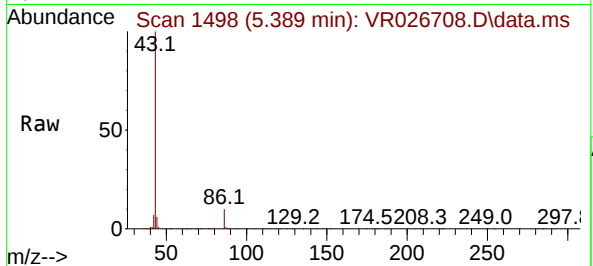




#23  
 Vinyl Acetate  
 Concen: 105.558 ug/l  
 RT: 5.389 min Scan# 1498  
 Delta R.T. -0.013 min  
 Lab File: VR026708.D  
 Acq: 5 Aug 2025 12:14

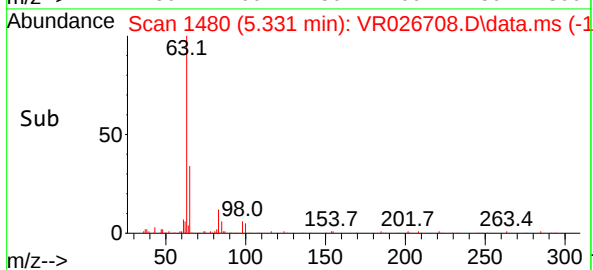
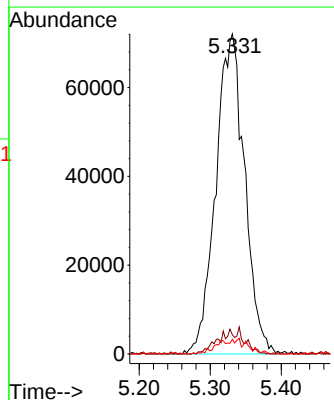
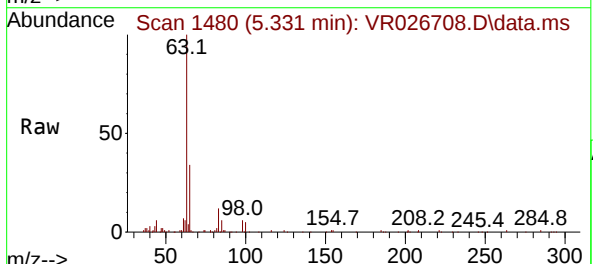
Instrument :  
 MSVOA\_R  
 ClientSampleId :

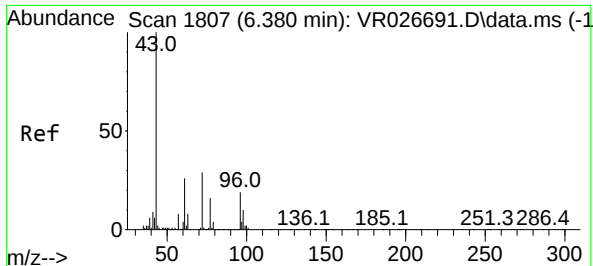
Tgt Ion: 43 Resp: 1361724  
 Ion Ratio Lower Upper  
 43 100  
 86 10.1 10.7 16.1#



#24  
 1,1-Dichloroethane  
 Concen: 17.755 ug/l  
 RT: 5.331 min Scan# 1480  
 Delta R.T. -0.013 min  
 Lab File: VR026708.D  
 Acq: 5 Aug 2025 12:14

Tgt Ion: 63 Resp: 203434  
 Ion Ratio Lower Upper  
 63 100  
 98 6.0 2.9 8.8  
 100 4.6 1.8 5.4





#25

2-Butanone

Concen: 105.581 ug/l

RT: 6.371 min Scan# 1795

Delta R.T. -0.010 min

Lab File: VR026708.D

Acq: 5 Aug 2025 12:14

Instrument :

MSVOA\_R

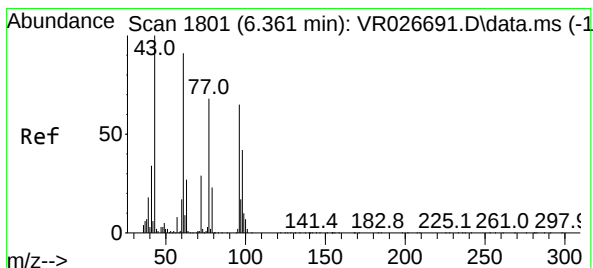
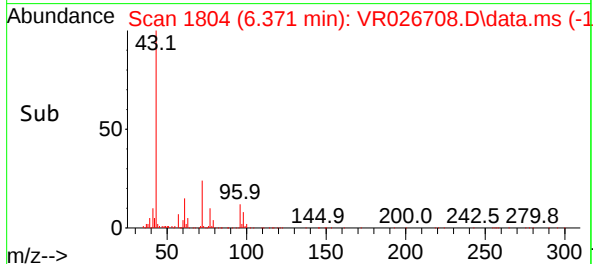
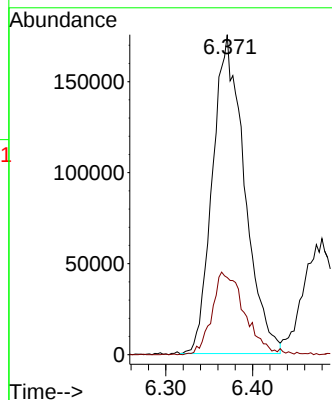
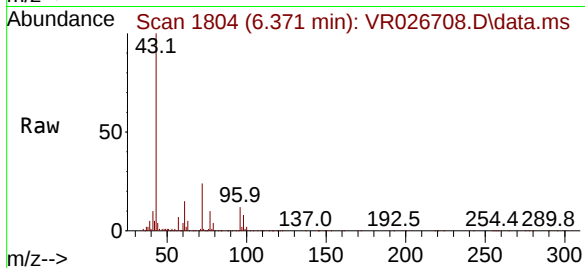
ClientSampleId :

Tgt Ion: 43 Resp: 447853

Ion Ratio Lower Upper

43 100

72 24.1 23.1 34.7



#26

2,2-Dichloropropane

Concen: 9.507 ug/l

RT: 6.342 min Scan# 1795

Delta R.T. -0.019 min

Lab File: VR026708.D

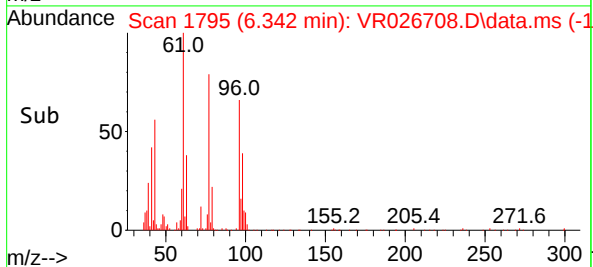
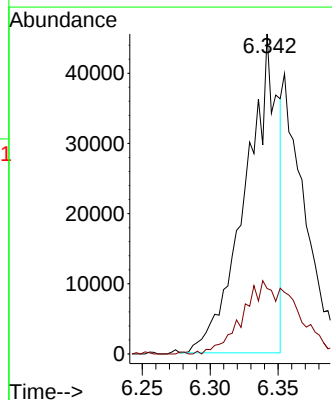
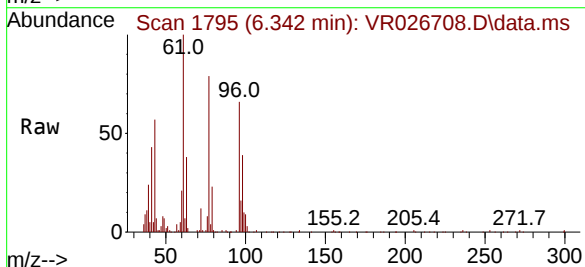
Acq: 5 Aug 2025 12:14

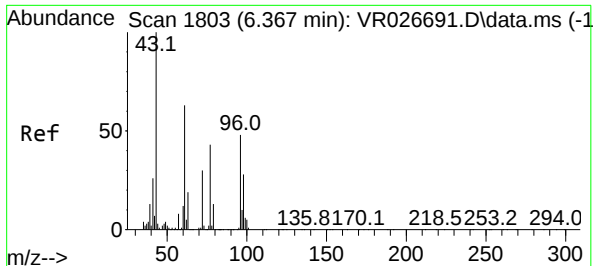
Tgt Ion: 77 Resp: 75302

Ion Ratio Lower Upper

77 100

97 22.4 12.3 36.8

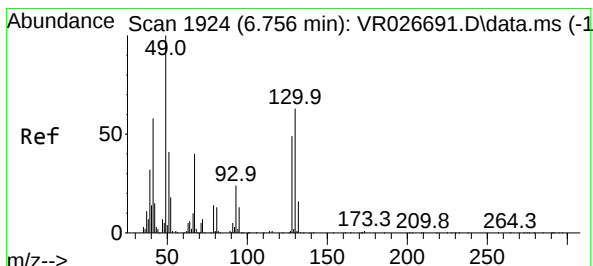
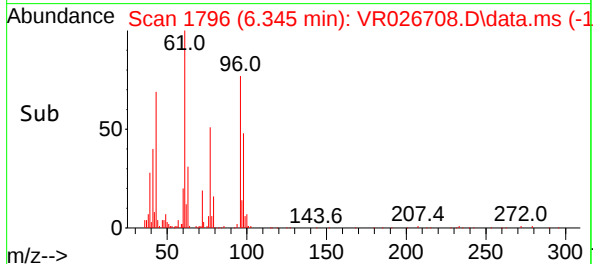
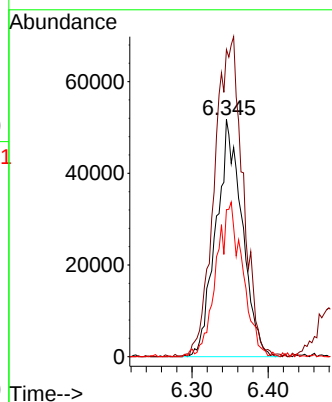
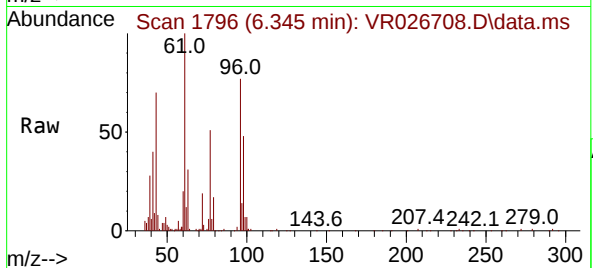




#27  
 cis-1,2-Dichloroethene  
 Concen: 17.699 ug/l  
 RT: 6.345 min Scan# 1  
 Delta R.T. -0.022 min  
 Lab File: VR026708.D  
 Acq: 5 Aug 2025 12:14

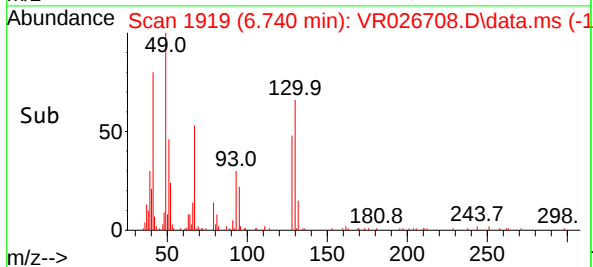
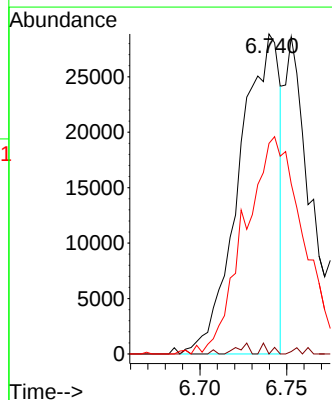
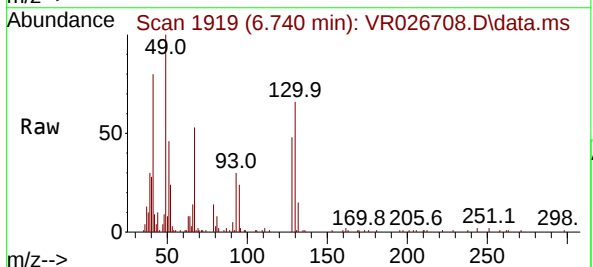
Instrument :  
 MSVOA\_R  
 ClientSampleId :

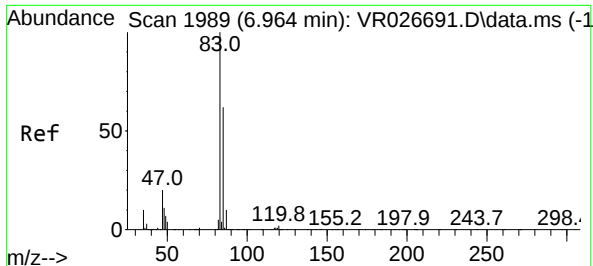
Tgt Ion: 96 Resp: 122843  
 Ion Ratio Lower Upper  
 96 100  
 61 147.2 0.0 279.8  
 98 63.6 0.0 125.2



#28  
 Bromochloromethane  
 Concen: 11.328 ug/l  
 RT: 6.740 min Scan# 1919  
 Delta R.T. -0.016 min  
 Lab File: VR026708.D  
 Acq: 5 Aug 2025 12:14

Tgt Ion: 49 Resp: 46769  
 Ion Ratio Lower Upper  
 49 100  
 129 0.6 0.0 3.4  
 130 100.4 52.2 78.4#





#29

Chloroform

Concen: 18.753 ug/l

RT: 6.952 min Scan# 1985

Delta R.T. -0.013 min

Lab File: VR026708.D

Acq: 5 Aug 2025 12:14

Instrument :

MSVOA\_R

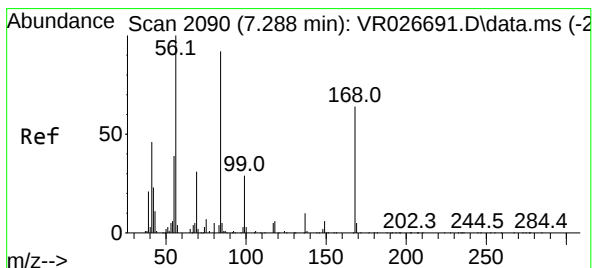
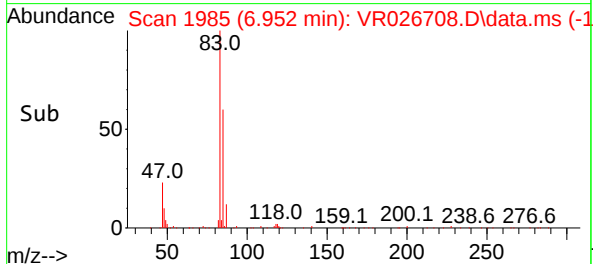
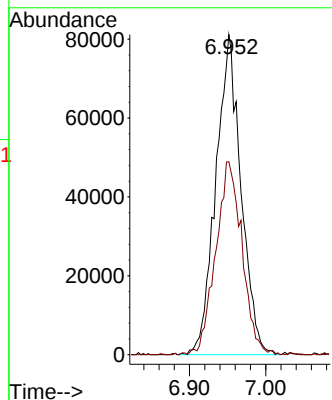
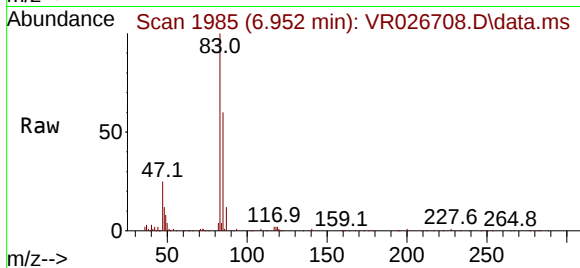
ClientSampleId :

Tgt Ion: 83 Resp: 186119

Ion Ratio Lower Upper

83 100

85 60.3 49.6 74.4



#30

Cyclohexane

Concen: 17.396 ug/l

RT: 7.269 min Scan# 2084

Delta R.T. -0.019 min

Lab File: VR026708.D

Acq: 5 Aug 2025 12:14

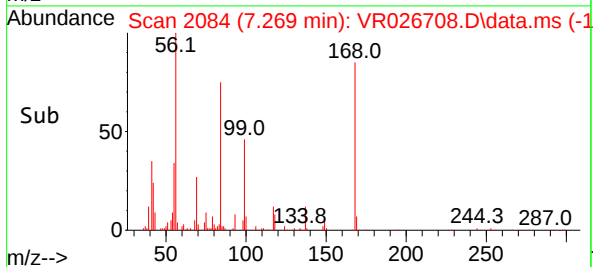
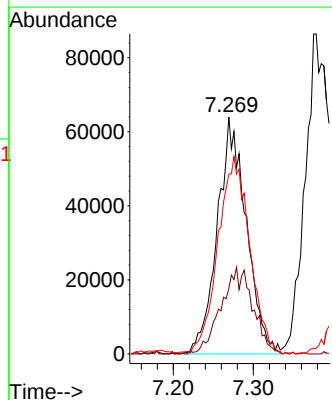
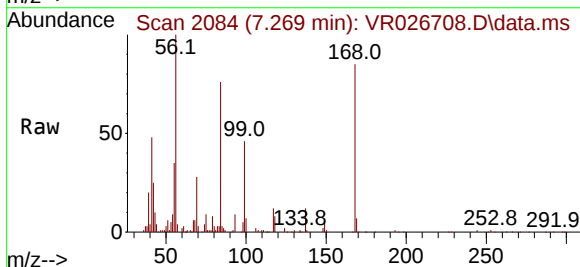
Tgt Ion: 56 Resp: 160962

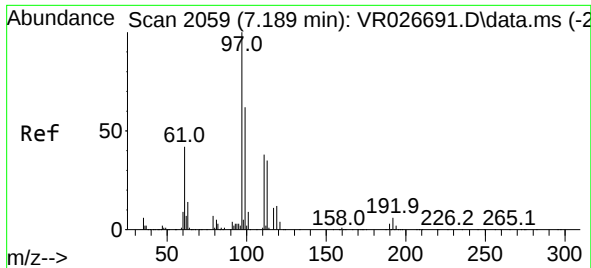
Ion Ratio Lower Upper

56 100

69 27.7 24.8 37.2

84 75.0 73.1 109.7

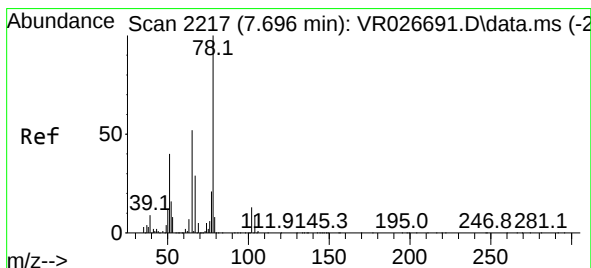
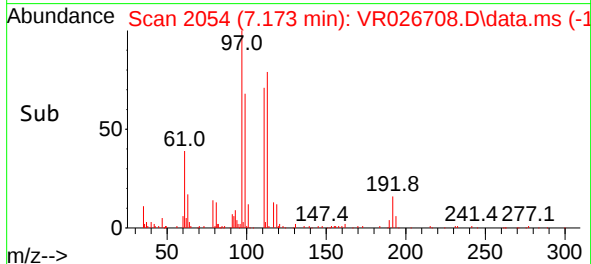
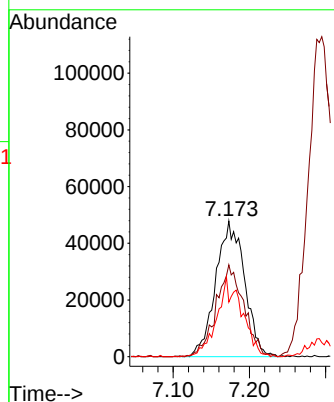
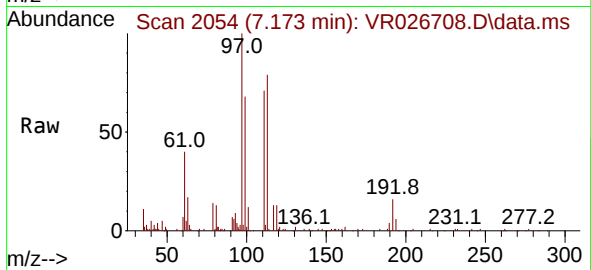




#31  
 1,1,1-Trichloroethane  
 Concen: 17.529 ug/l  
 RT: 7.173 min Scan# 2059  
 Delta R.T. -0.016 min  
 Lab File: VR026708.D  
 Acq: 5 Aug 2025 12:14

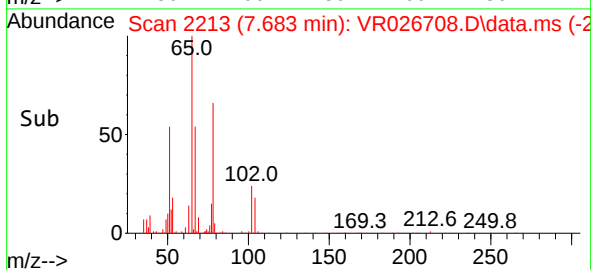
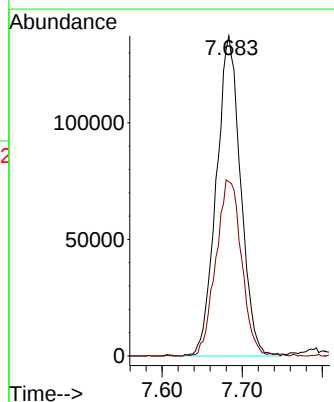
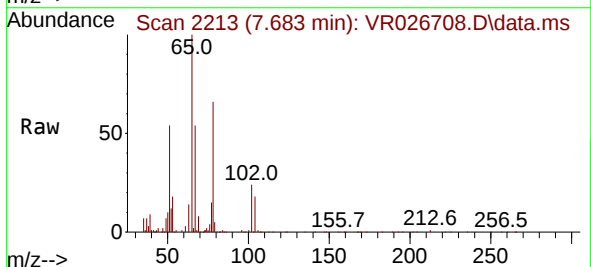
Instrument :  
 MSVOA\_R  
 ClientSampleId :

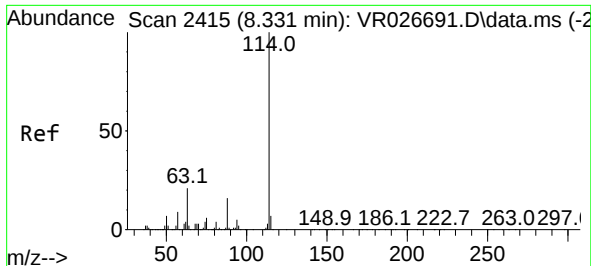
Tgt Ion: 97 Resp: 125671  
 Ion Ratio Lower Upper  
 97 100  
 99 65.0 51.0 76.6  
 61 28.3 36.3 54.5#



#32  
 1,2-Dichloroethane-d4  
 Concen: 49.507 ug/l  
 RT: 7.683 min Scan# 2213  
 Delta R.T. -0.013 min  
 Lab File: VR026708.D  
 Acq: 5 Aug 2025 12:14

Tgt Ion: 65 Resp: 289081  
 Ion Ratio Lower Upper  
 65 100  
 67 57.9 0.0 118.4





#33

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.322 min Scan# 2415

Delta R.T. -0.010 min

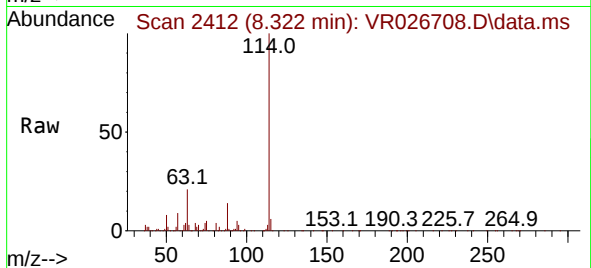
Lab File: VR026708.D

Acq: 5 Aug 2025 12:14

Instrument :

MSVOA\_R

ClientSampleId :



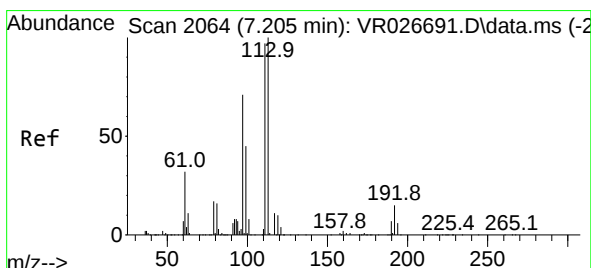
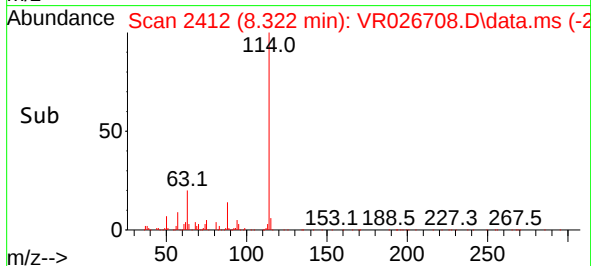
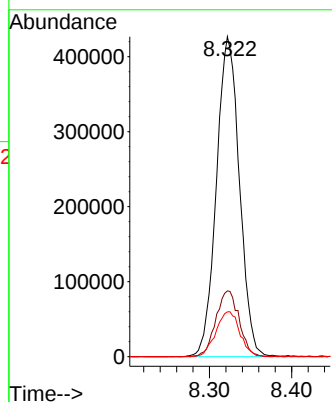
Tgt Ion:114 Resp: 830309

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.6

88 14.0 0.0 32.6



#34

Dibromofluoromethane

Concen: 47.360 ug/l

RT: 7.192 min Scan# 2060

Delta R.T. -0.013 min

Lab File: VR026708.D

Acq: 5 Aug 2025 12:14

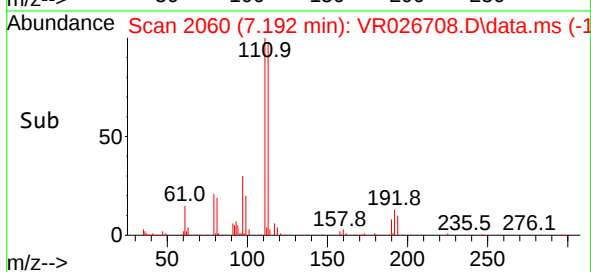
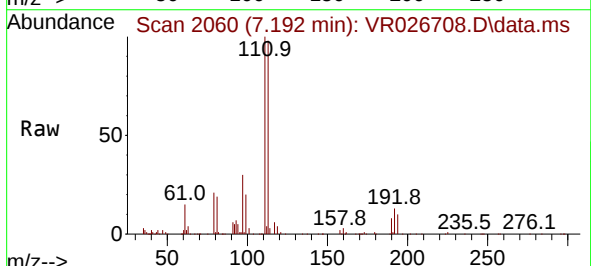
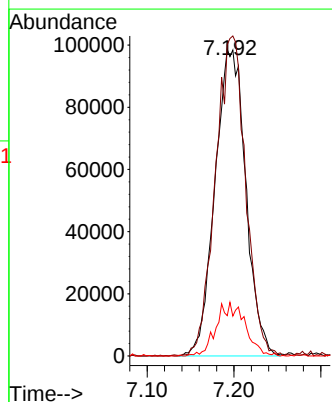
Tgt Ion:113 Resp: 243217

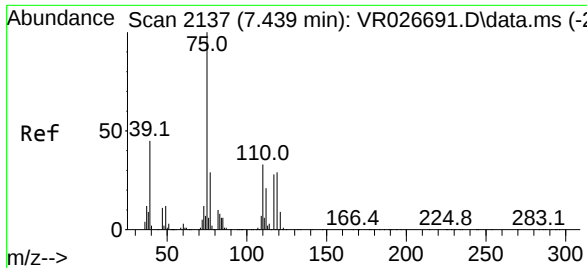
Ion Ratio Lower Upper

113 100

111 101.8 81.7 122.5

192 6.9 12.3 18.5#

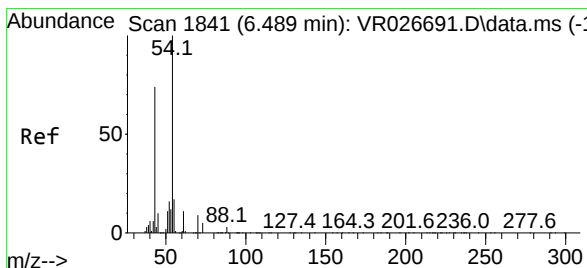
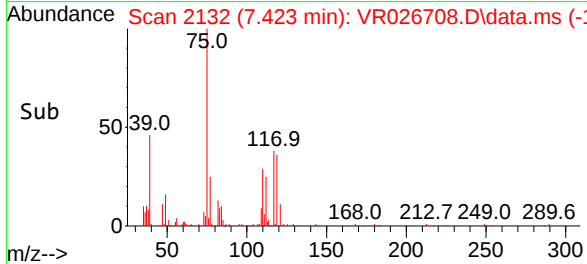
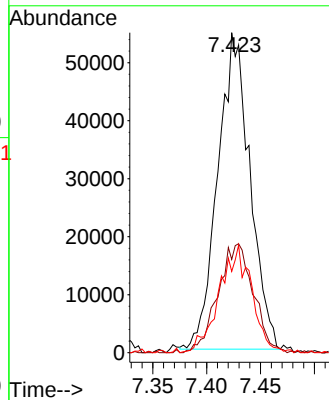
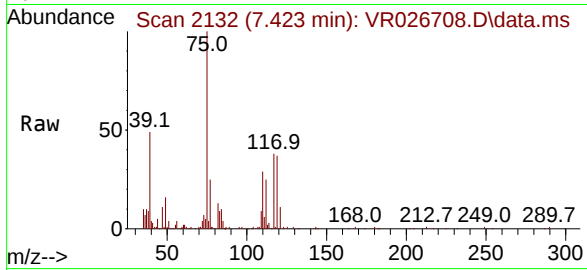




#35  
1,1-Dichloropropene  
Concen: 17.484 ug/l  
RT: 7.423 min Scan# 2137  
Delta R.T. -0.016 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

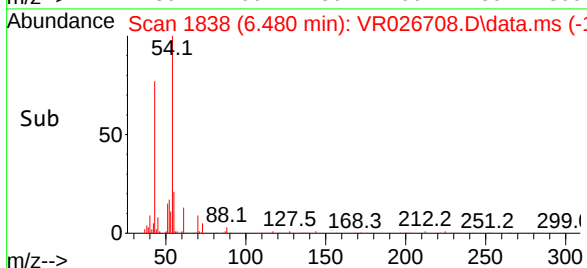
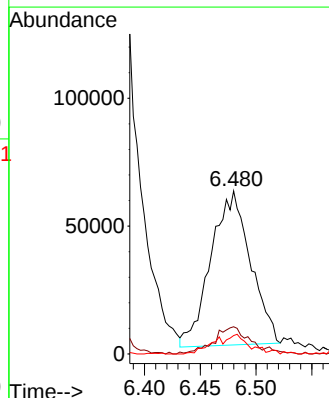
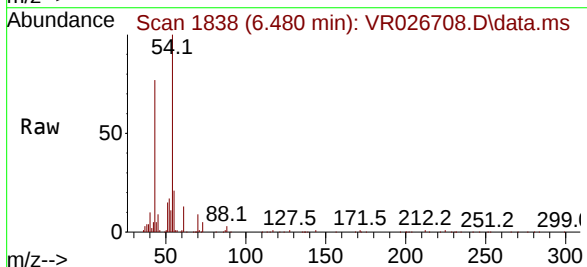
Instrument :  
MSVOA\_R  
ClientSampleId :

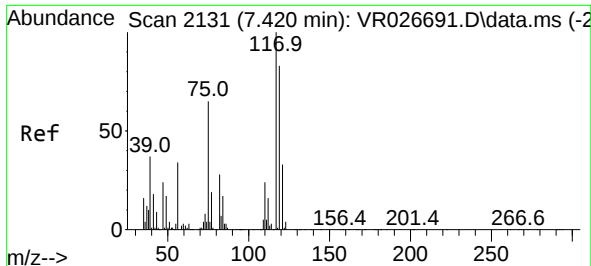
Tgt Ion: 75 Resp: 113272  
Ion Ratio Lower Upper  
75 100  
110 37.8 17.0 50.9  
77 34.3 24.6 37.0



#36  
Ethyl Acetate  
Concen: 19.181 ug/l  
RT: 6.480 min Scan# 1838  
Delta R.T. -0.010 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

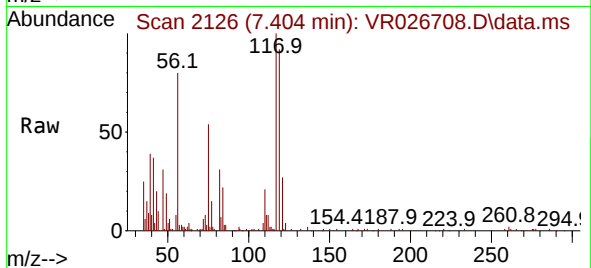
Tgt Ion: 43 Resp: 148771  
Ion Ratio Lower Upper  
43 100  
61 15.0 12.0 18.0  
70 3.9 9.0 13.6



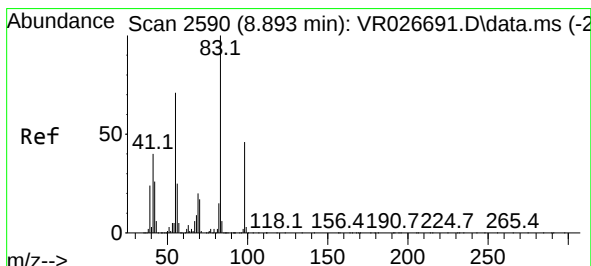
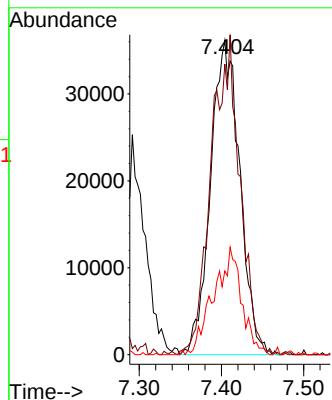
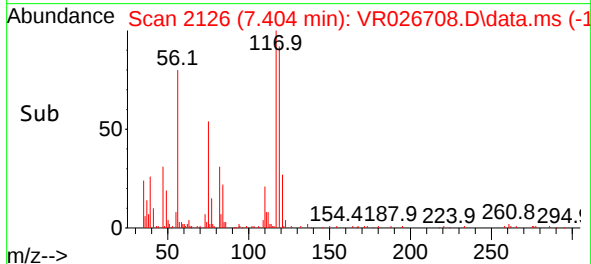


#37  
Carbon Tetrachloride  
Concen: 16.960 ug/l  
RT: 7.404 min Scan# 2131  
Delta R.T. -0.016 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

Instrument :  
MSVOA\_R  
ClientSampleId :

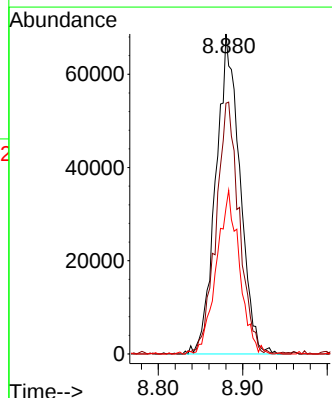
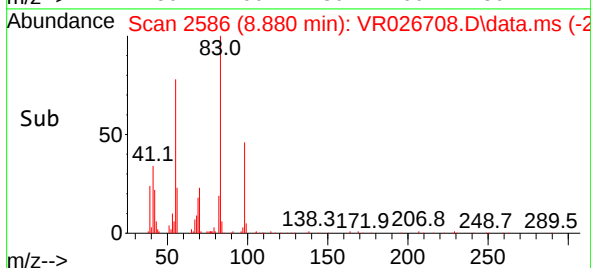
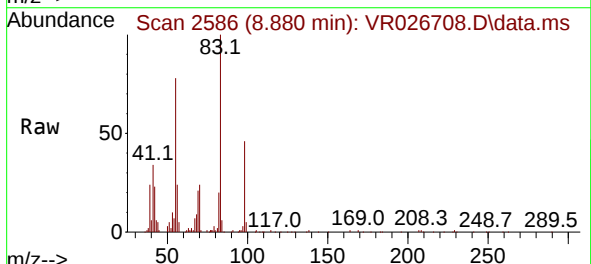


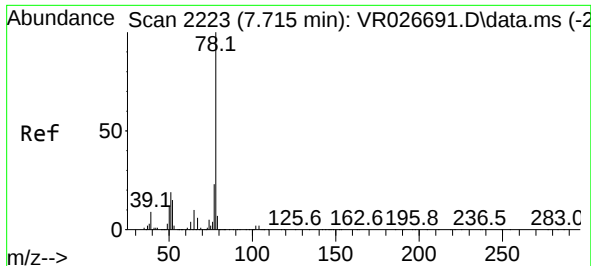
Tgt Ion:117 Resp: 89486  
Ion Ratio Lower Upper  
117 100  
119 92.5 67.0 100.4  
121 26.6 26.3 39.5



#38  
Methylcyclohexane  
Concen: 18.247 ug/l  
RT: 8.880 min Scan# 2586  
Delta R.T. -0.013 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

Tgt Ion: 83 Resp: 135320  
Ion Ratio Lower Upper  
83 100  
55 78.5 56.7 85.1  
98 45.4 36.7 55.1

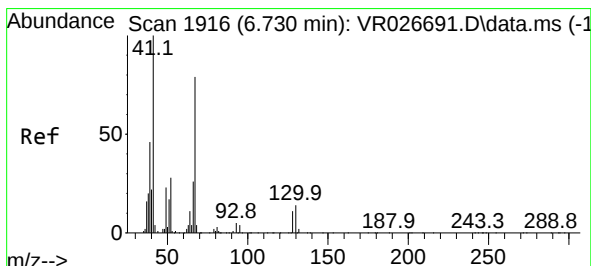
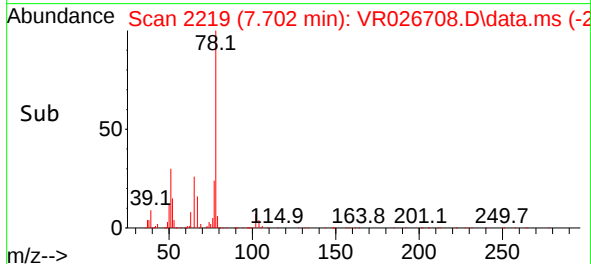
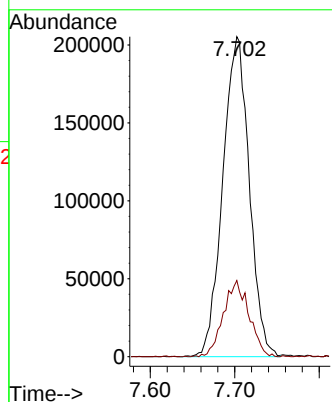
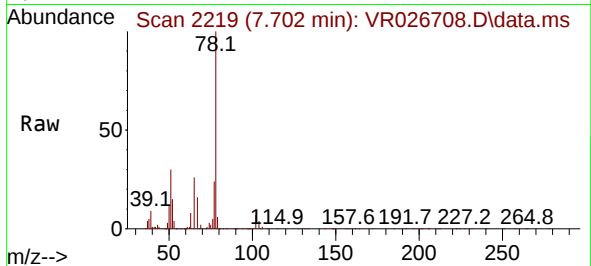




#39  
Benzene  
Concen: 19.140 ug/l  
RT: 7.702 min Scan# 2119  
Delta R.T. -0.013 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

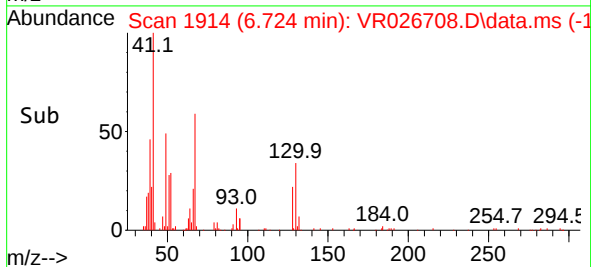
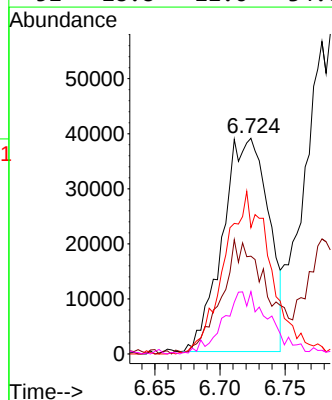
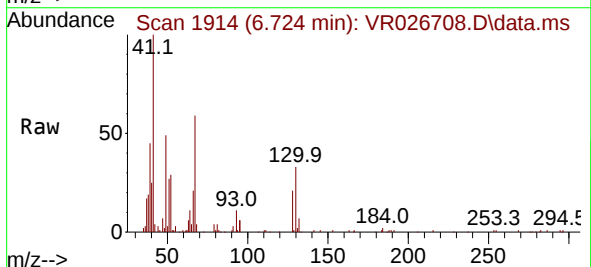
Instrument :  
MSVOA\_R  
ClientSampleId :

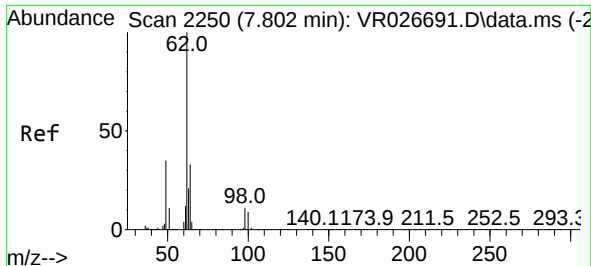
Tgt Ion: 78 Resp: 446547  
Ion Ratio Lower Upper  
78 100  
77 23.8 18.8 28.2



#40  
Methacrylonitrile  
Concen: 19.834 ug/l  
RT: 6.724 min Scan# 1914  
Delta R.T. -0.006 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

Tgt Ion: 41 Resp: 95602  
Ion Ratio Lower Upper  
41 100  
39 52.2 42.4 63.6  
67 77.0 65.6 98.4  
52 28.8 22.6 34.0

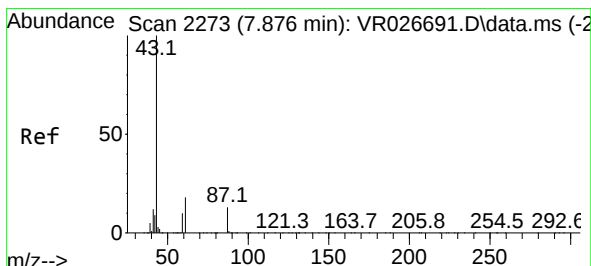
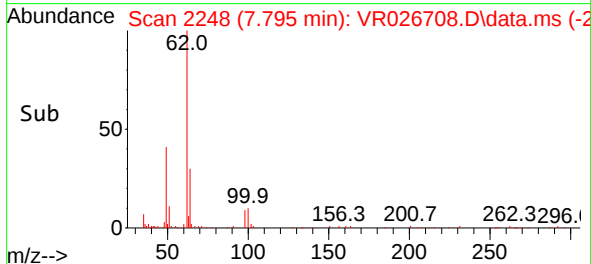
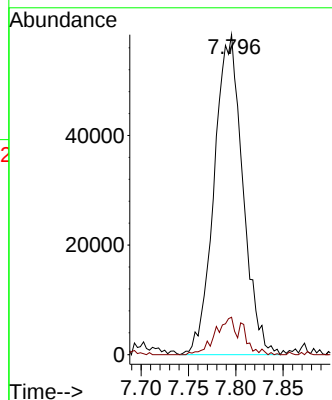
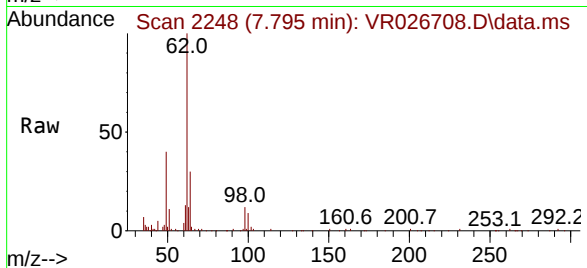




#41  
1,2-Dichloroethane  
Concen: 20.641 ug/l  
RT: 7.795 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

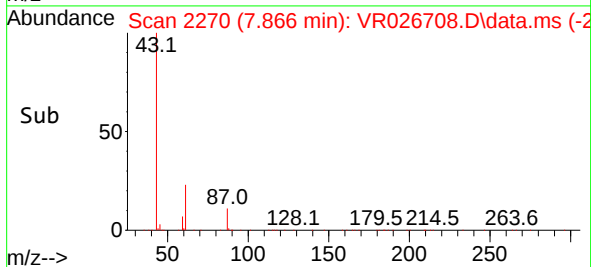
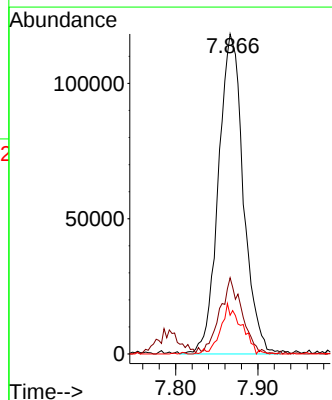
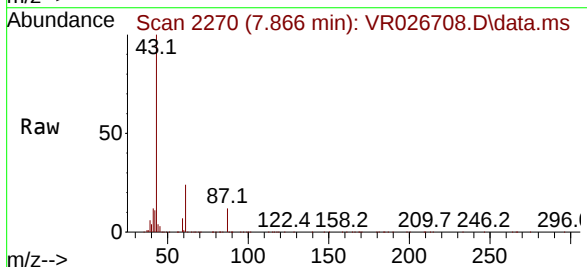
Instrument :  
MSVOA\_R  
ClientSampleId :

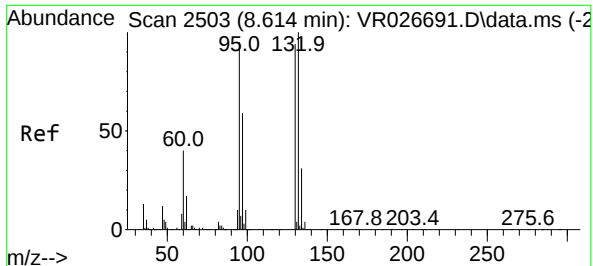
Tgt Ion: 62 Resp: 122487  
Ion Ratio Lower Upper  
62 100  
98 8.1 0.0 22.2



#42  
Isopropyl Acetate  
Concen: 19.997 ug/l  
RT: 7.866 min Scan# 2270  
Delta R.T. -0.010 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

Tgt Ion: 43 Resp: 249391  
Ion Ratio Lower Upper  
43 100  
61 21.6 17.9 26.9  
87 13.2 10.8 16.2

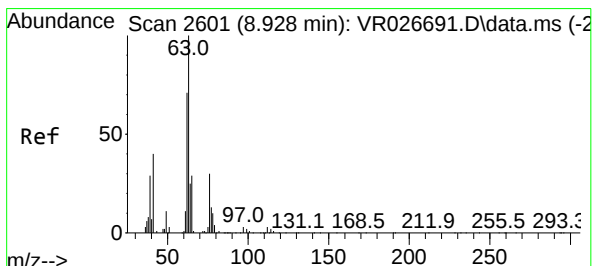
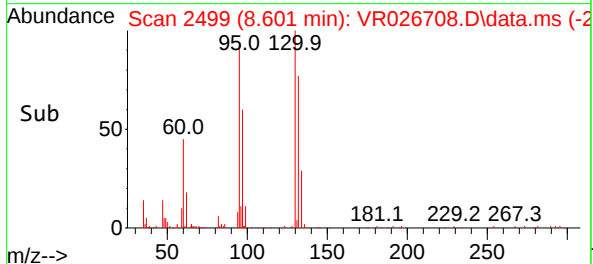
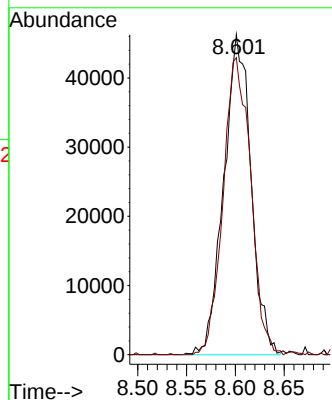
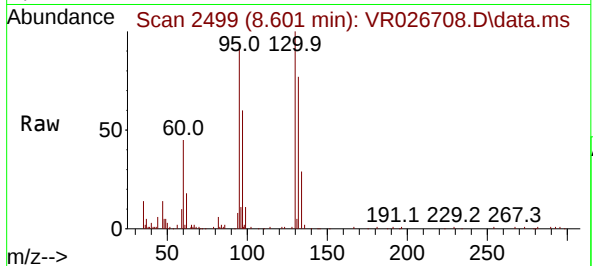




#43  
 Trichloroethene  
 Concen: 19.973 ug/l  
 RT: 8.601 min Scan# 24  
 Delta R.T. -0.013 min  
 Lab File: VR026708.D  
 Acq: 5 Aug 2025 12:14

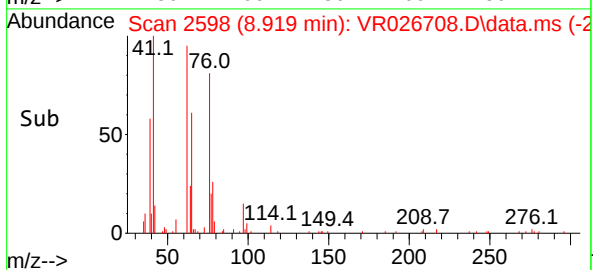
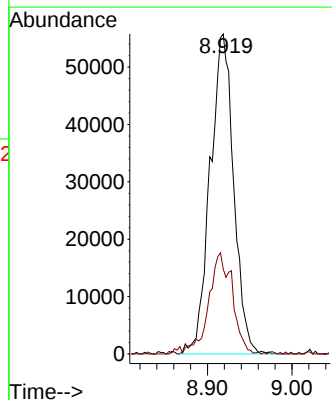
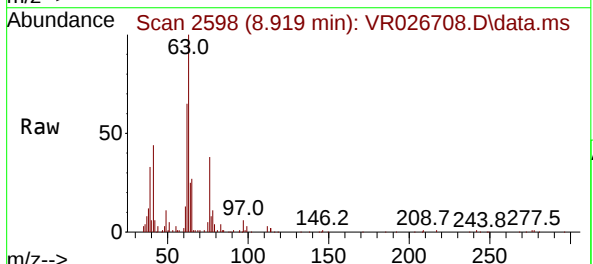
Instrument :  
 MSVOA\_R  
 ClientSampleId :

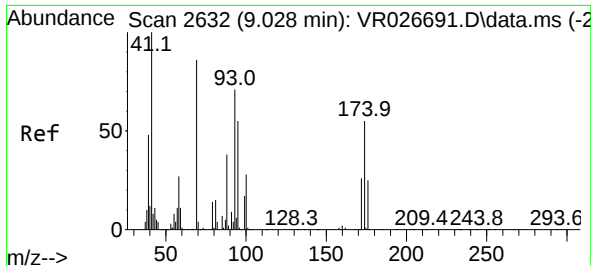
Tgt Ion:130 Resp: 89616  
 Ion Ratio Lower Upper  
 130 100  
 95 92.8 0.0 200.6



#44  
 1,2-Dichloropropane  
 Concen: 19.591 ug/l  
 RT: 8.919 min Scan# 2598  
 Delta R.T. -0.010 min  
 Lab File: VR026708.D  
 Acq: 5 Aug 2025 12:14

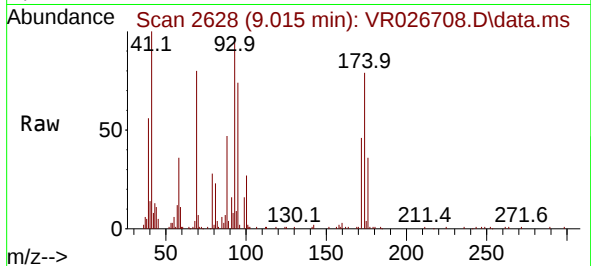
Tgt Ion: 63 Resp: 108163  
 Ion Ratio Lower Upper  
 63 100  
 65 26.1 23.8 35.8





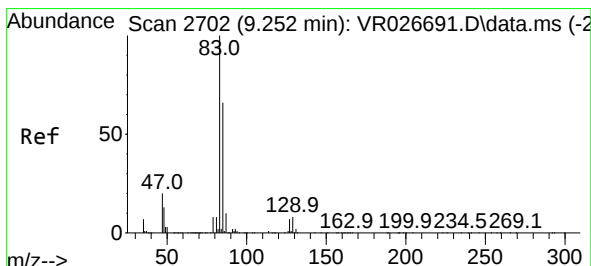
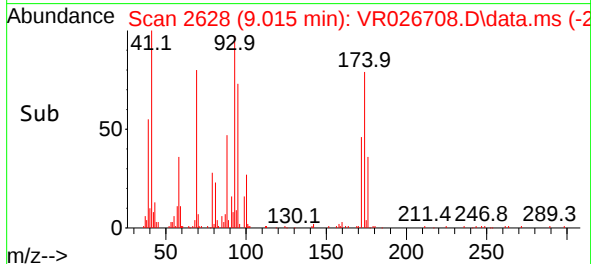
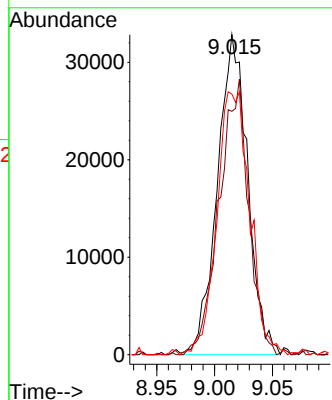
#45  
Dibromomethane  
Concen: 19.477 ug/l  
RT: 9.015 min Scan# 2628  
Delta R.T. -0.013 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

Instrument :  
MSVOA\_R  
ClientSampleId :



Tgt Ion: 93 Resp: 59806

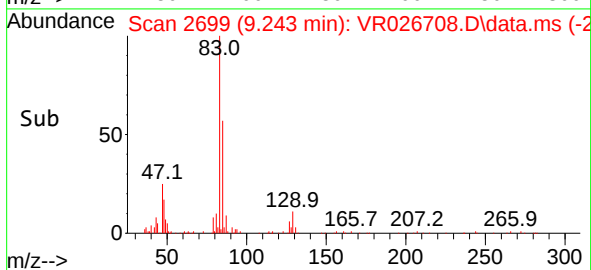
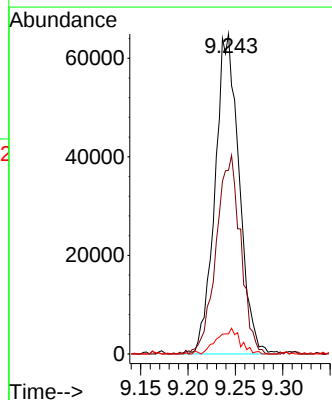
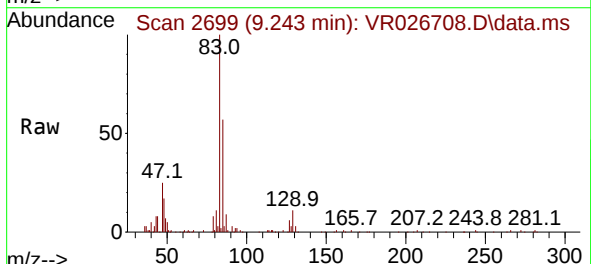
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 83.4  | 69.4  | 104.0 |
| 174 | 89.0  | 66.9  | 100.3 |

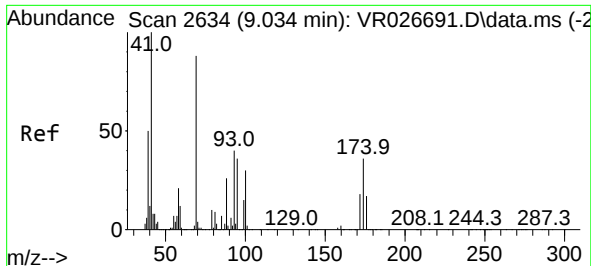


#46  
Bromodichloromethane  
Concen: 19.320 ug/l  
RT: 9.243 min Scan# 2699  
Delta R.T. -0.010 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

Tgt Ion: 83 Resp: 114943

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 56.8  | 52.6  | 78.8  |
| 127 | 6.3   | 5.5   | 8.3   |

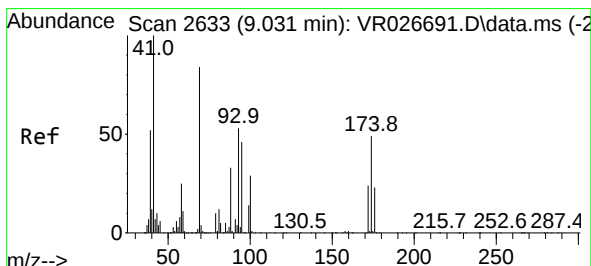
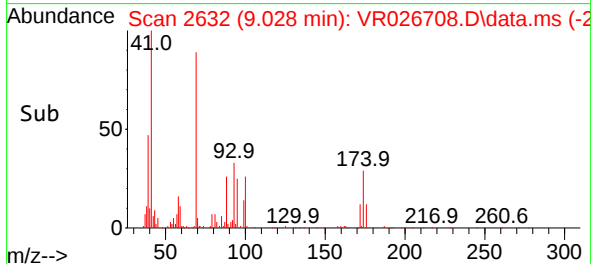
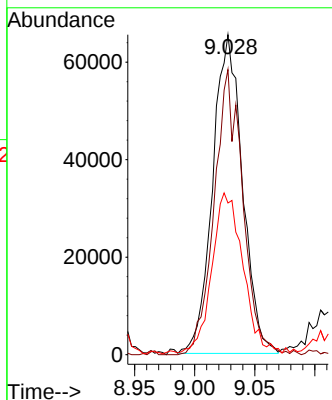
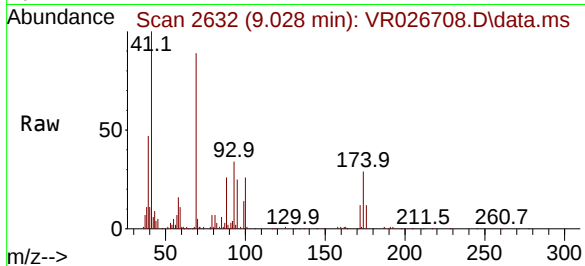




#47  
Methyl methacrylate  
Concen: 20.631 ug/l  
RT: 9.028 min Scan# 2632  
Delta R.T. -0.006 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

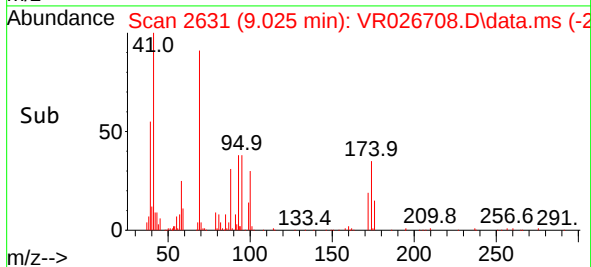
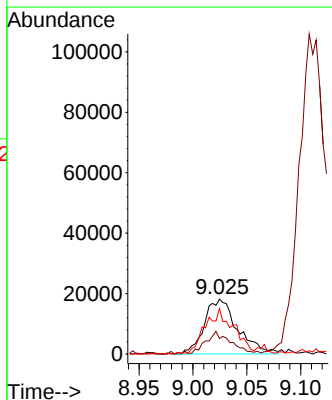
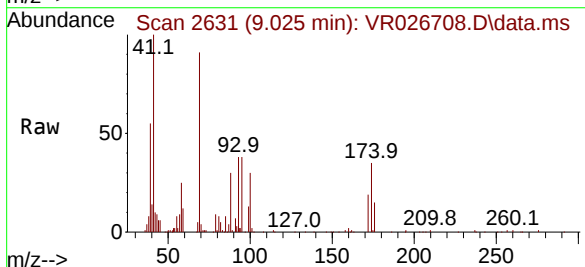
Instrument :  
MSVOA\_R  
ClientSampleId :

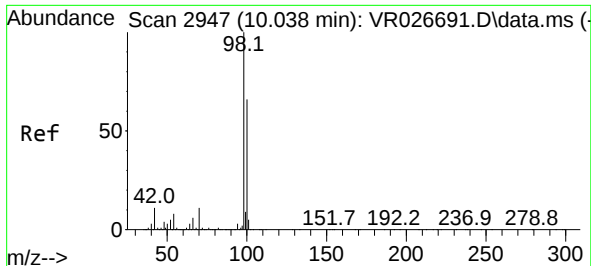
Tgt Ion: 41 Resp: 112614  
Ion Ratio Lower Upper  
41 100  
69 85.7 69.8 104.6  
39 51.9 39.4 59.2



#48  
1,4-Dioxane  
Concen: 442.221 ug/l  
RT: 9.025 min Scan# 2631  
Delta R.T. -0.006 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

Tgt Ion: 88 Resp: 38882  
Ion Ratio Lower Upper  
88 100  
43 28.9 25.2 37.8  
58 71.0 60.8 91.2

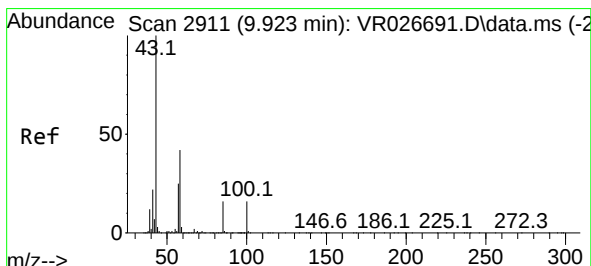
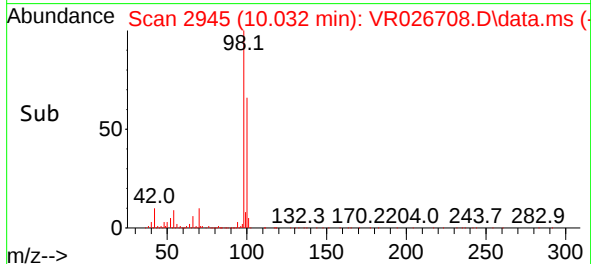
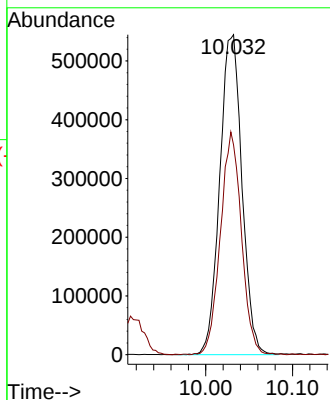
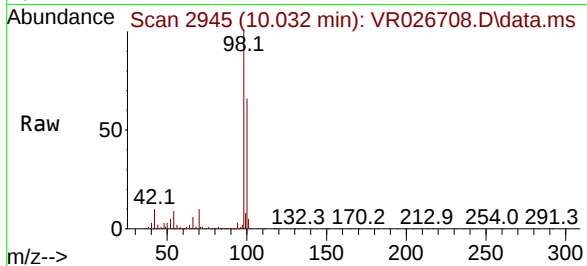




#49  
Toluene-d8  
Concen: 52.625 ug/l  
RT: 10.032 min Scan# 2945  
Delta R.T. -0.006 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

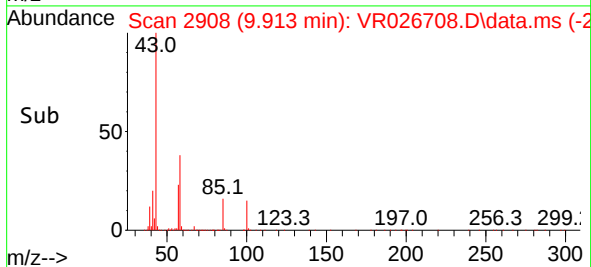
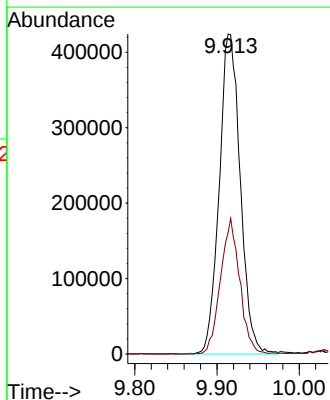
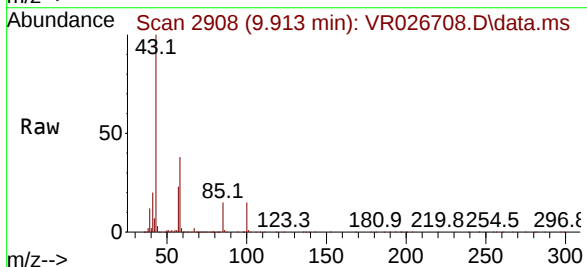
Instrument :  
MSVOA\_R  
ClientSampleId :

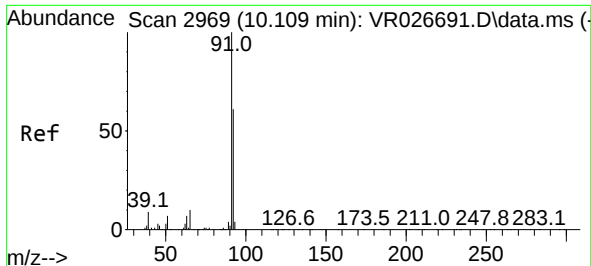
Tgt Ion: 98 Resp: 968244  
Ion Ratio Lower Upper  
98 100  
100 65.7 53.9 80.9



#50  
4-Methyl-2-Pentanone  
Concen: 115.950 ug/l  
RT: 9.913 min Scan# 2908  
Delta R.T. -0.010 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

Tgt Ion: 43 Resp: 754949  
Ion Ratio Lower Upper  
43 100  
58 38.7 33.7 50.5

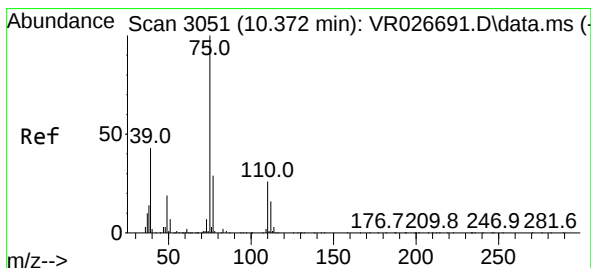
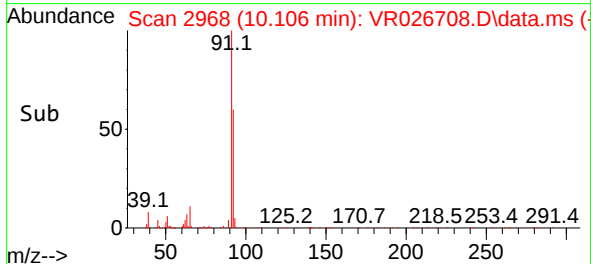
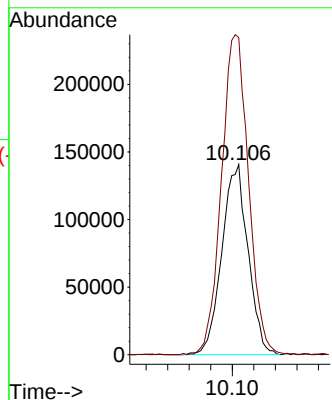
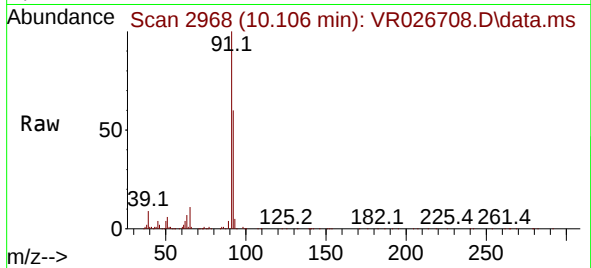




#51  
Toluene  
Concen: 19.919 ug/l  
RT: 10.106 min Scan# 2969  
Delta R.T. -0.003 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

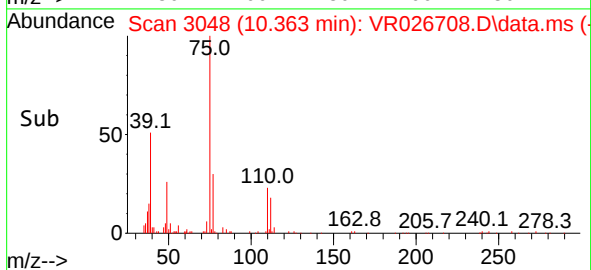
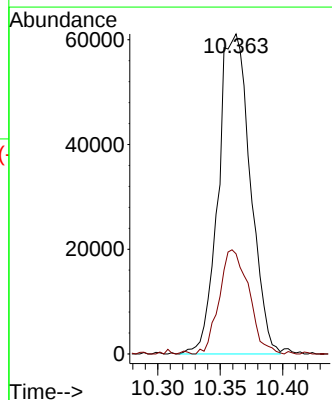
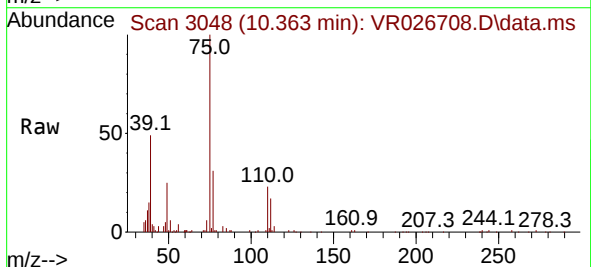
Instrument :  
MSVOA\_R  
ClientSampleId :

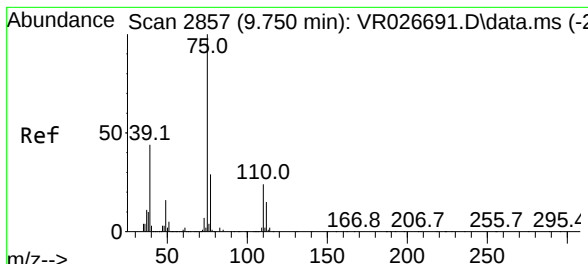
Tgt Ion: 92 Resp: 237240  
Ion Ratio Lower Upper  
92 100  
91 173.9 137.8 206.6



#52  
t-1,3-Dichloropropene  
Concen: 18.692 ug/l  
RT: 10.363 min Scan# 3048  
Delta R.T. -0.010 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

Tgt Ion: 75 Resp: 108997  
Ion Ratio Lower Upper  
75 100  
77 30.9 23.4 35.2



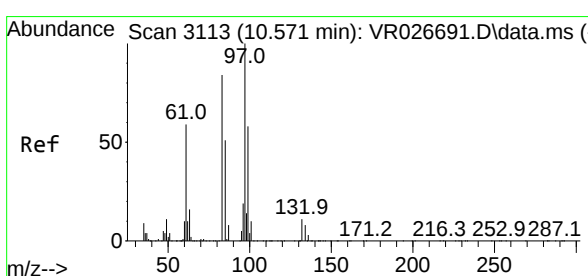
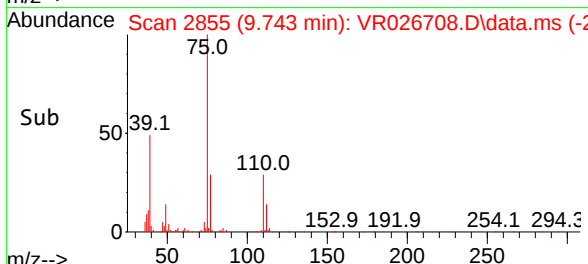
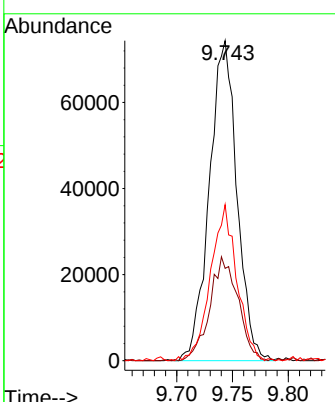
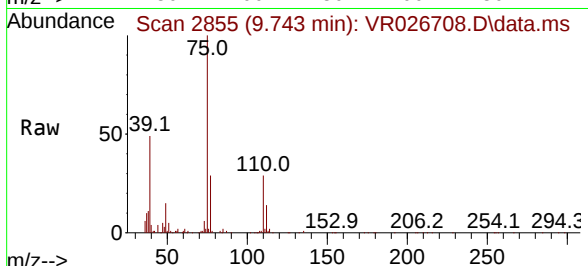


#53  
 cis-1,3-Dichloropropene  
 Concen: 18.292 ug/l  
 RT: 9.743 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: VR026708.D  
 Acq: 5 Aug 2025 12:14

Instrument :  
 MSVOA\_R  
 ClientSampleId :

Tgt Ion: 75 Resp: 127942

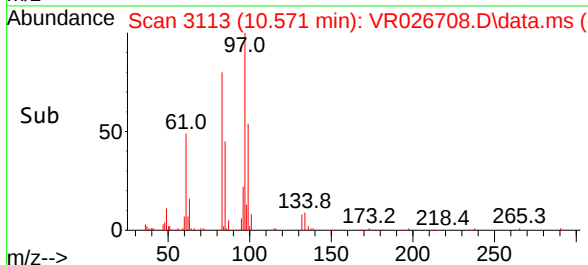
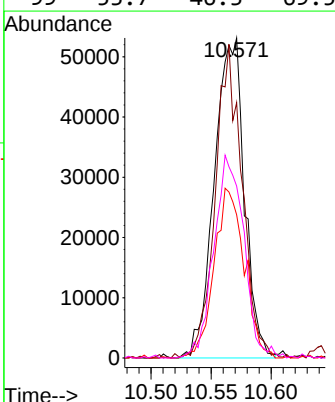
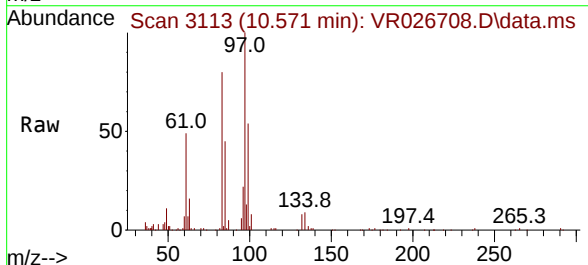
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 28.8  | 22.9  | 34.3  |
| 39  | 48.8  | 34.8  | 52.2  |

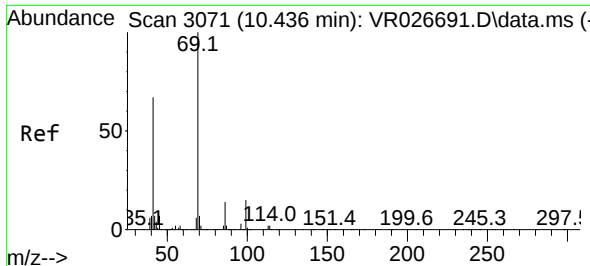


#54  
 1,1,2-Trichloroethane  
 Concen: 21.231 ug/l  
 RT: 10.571 min Scan# 3113  
 Delta R.T. 0.000 min  
 Lab File: VR026708.D  
 Acq: 5 Aug 2025 12:14

Tgt Ion: 97 Resp: 92345

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 78.5  | 67.4  | 101.2 |
| 85  | 44.7  | 40.4  | 60.6  |
| 99  | 53.7  | 46.3  | 69.5  |

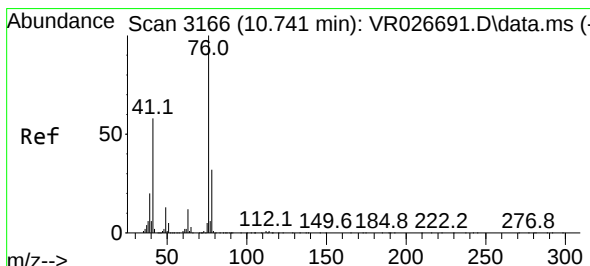
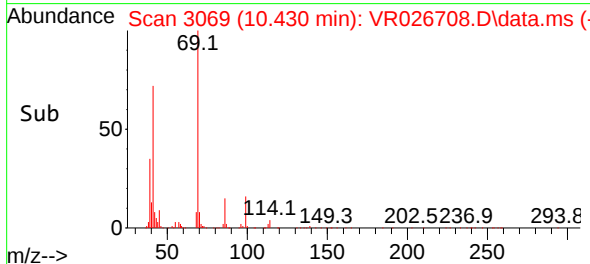
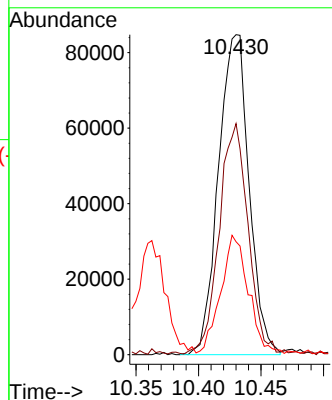
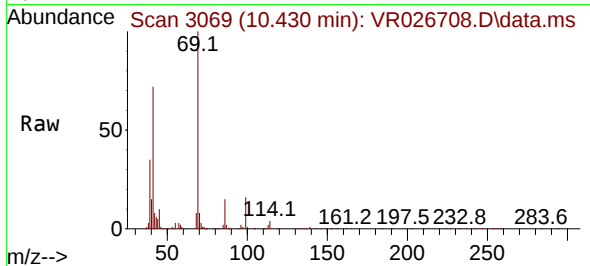




#55  
Ethyl methacrylate  
Concen: 20.139 ug/l  
RT: 10.430 min Scan# 3071  
Delta R.T. -0.006 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

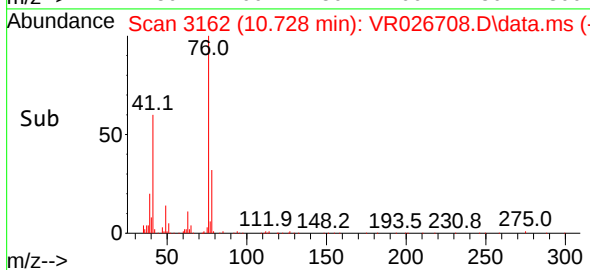
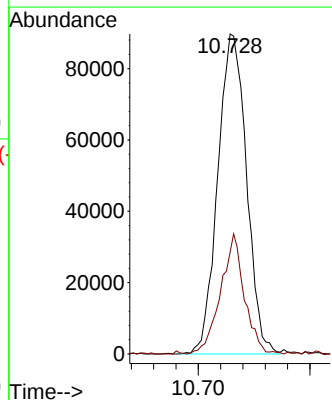
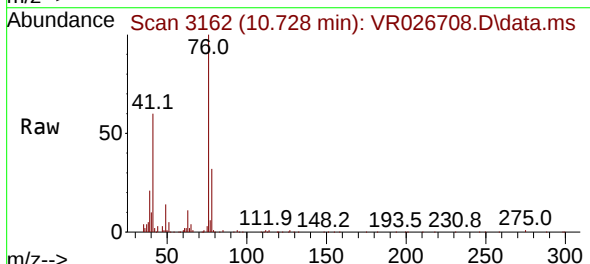
Instrument :  
MSVOA\_R  
ClientSampleId :

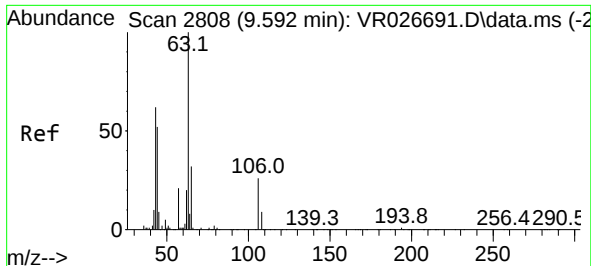
Tgt Ion: 69 Resp: 144657  
Ion Ratio Lower Upper  
69 100  
41 67.8 51.5 77.3  
39 33.3 24.7 37.1



#56  
1,3-Dichloropropane  
Concen: 21.643 ug/l  
RT: 10.728 min Scan# 3162  
Delta R.T. -0.013 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

Tgt Ion: 76 Resp: 160348  
Ion Ratio Lower Upper  
76 100  
78 31.0 25.8 38.6

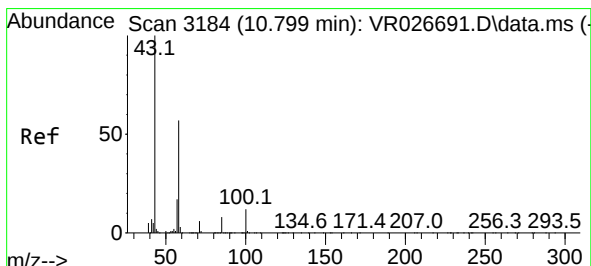
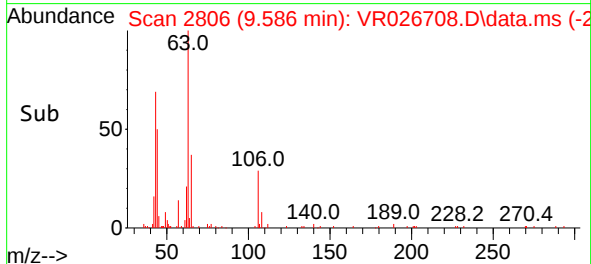
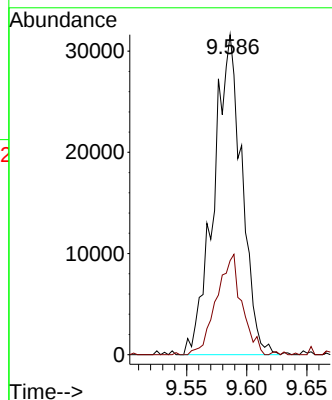
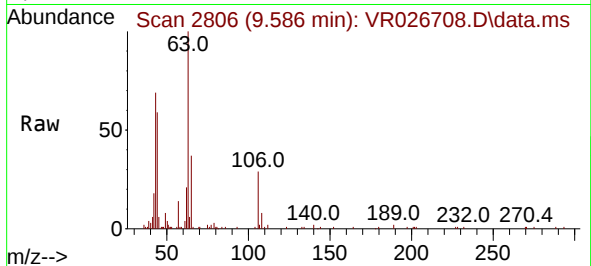




#57  
2-Chloroethyl Vinyl ether  
Concen: 129.719 ug/l  
RT: 9.586 min Scan# 2806  
Delta R.T. -0.006 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

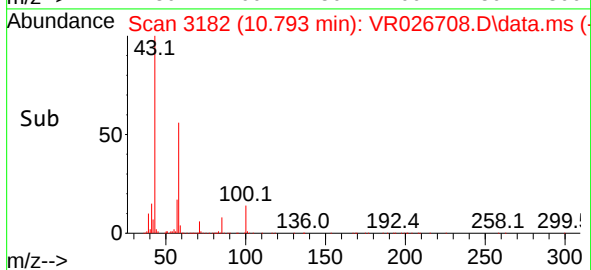
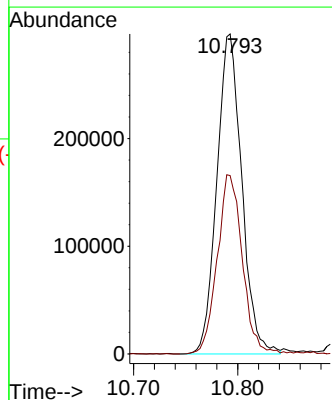
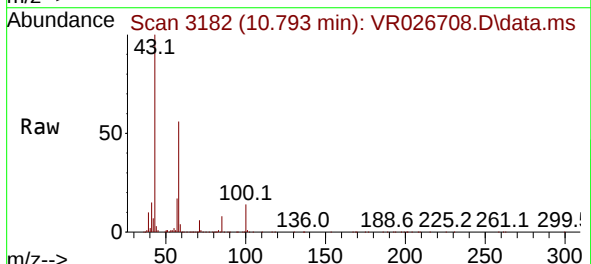
Instrument :  
MSVOA\_R  
ClientSampleId :

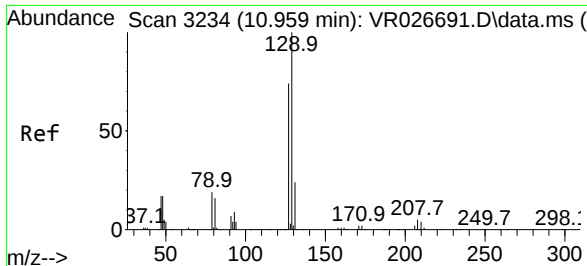
Tgt Ion: 63 Resp: 51492  
Ion Ratio Lower Upper  
63 100  
106 28.3 22.5 33.7



#58  
2-Hexanone  
Concen: 112.511 ug/l  
RT: 10.793 min Scan# 3182  
Delta R.T. -0.006 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

Tgt Ion: 43 Resp: 493847  
Ion Ratio Lower Upper  
43 100  
58 56.5 28.8 86.4

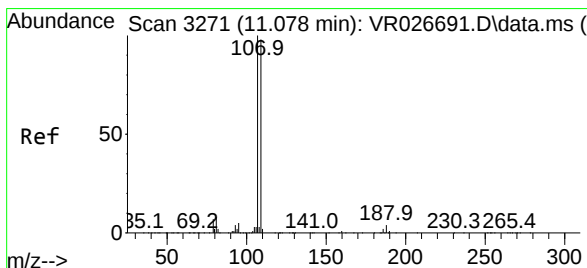
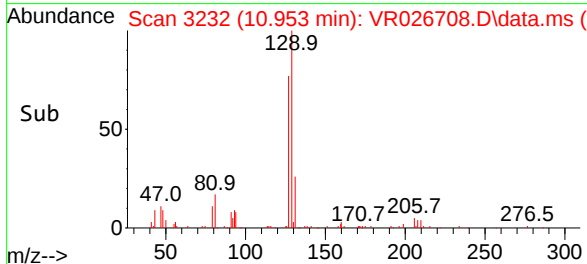
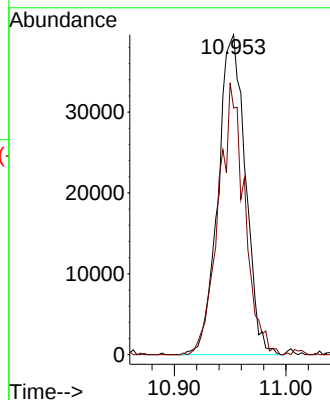
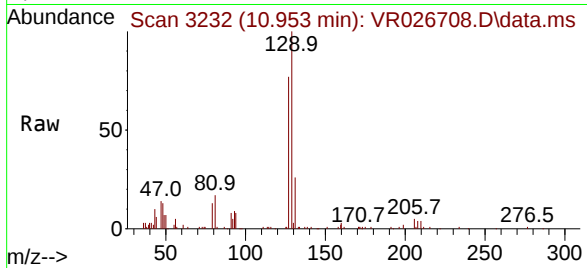




#59  
Dibromochloromethane  
Concen: 18.271 ug/l  
RT: 10.953 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

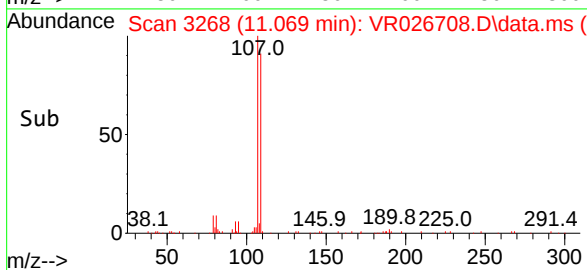
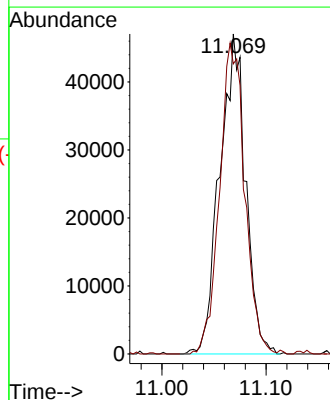
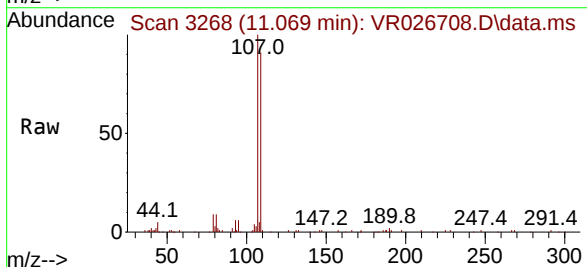
Instrument :  
MSVOA\_R  
ClientSampleId :

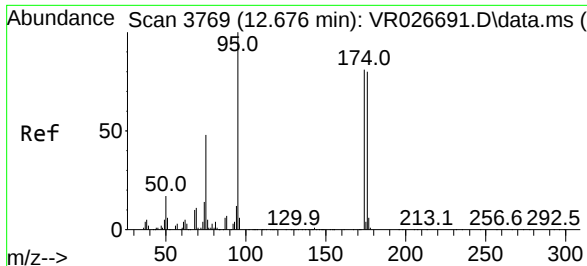
Tgt Ion:129 Resp: 67259  
Ion Ratio Lower Upper  
129 100  
127 81.6 38.9 116.6



#60  
1,2-Dibromoethane  
Concen: 21.604 ug/l  
RT: 11.069 min Scan# 3268  
Delta R.T. -0.010 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

Tgt Ion:107 Resp: 80875  
Ion Ratio Lower Upper  
107 100  
109 94.9 75.9 113.9

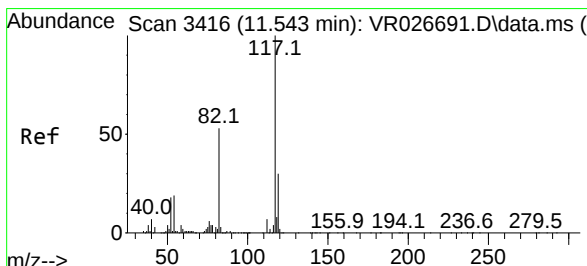
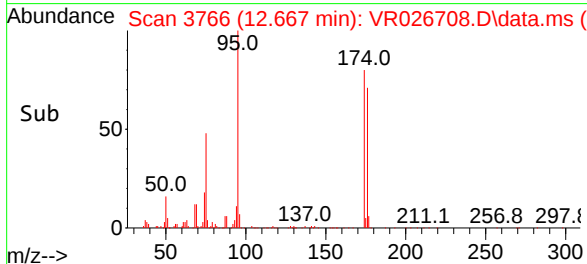
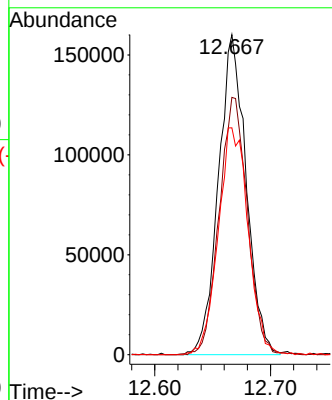
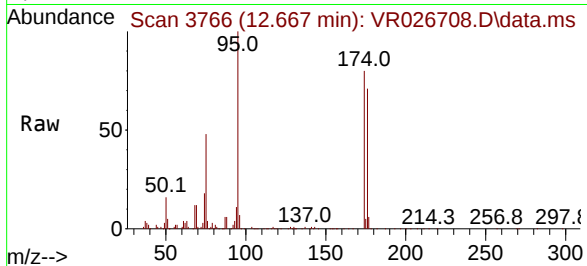




#61  
4-Bromofluorobenzene  
Concen: 50.850 ug/l  
RT: 12.667 min Scan# 31  
Delta R.T. -0.010 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

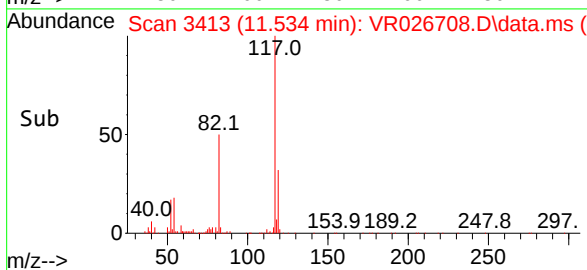
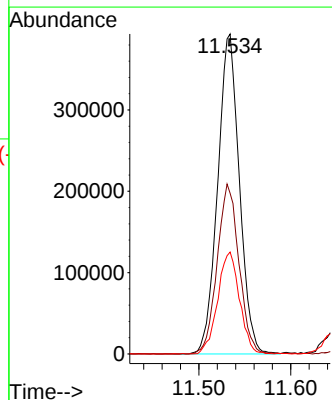
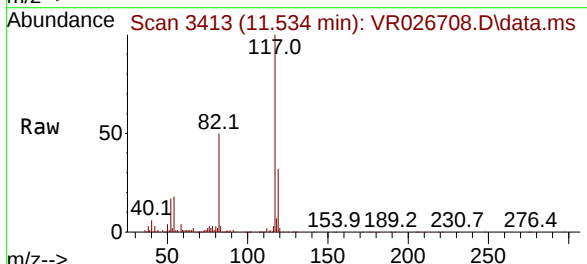
Instrument :  
MSVOA\_R  
ClientSampleId :

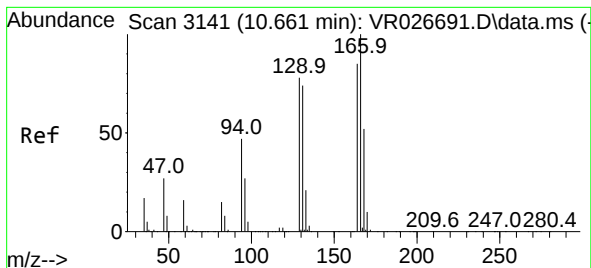
Tgt Ion: 95 Resp: 266102  
Ion Ratio Lower Upper  
95 100  
174 82.0 0.0 158.4  
176 76.7 0.0 149.0



#62  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.534 min Scan# 3413  
Delta R.T. -0.010 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

Tgt Ion: 117 Resp: 645406  
Ion Ratio Lower Upper  
117 100  
82 50.2 42.0 63.0  
119 31.8 23.9 35.9





#63

Tetrachloroethene

Concen: 18.811 ug/l

RT: 10.648 min Scan# 3137

Delta R.T. -0.013 min

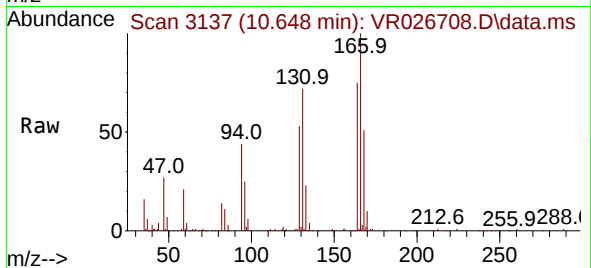
Lab File: VR026708.D

Acq: 5 Aug 2025 12:14

Instrument :

MSVOA\_R

ClientSampleId :



Tgt Ion:164 Resp: 66323

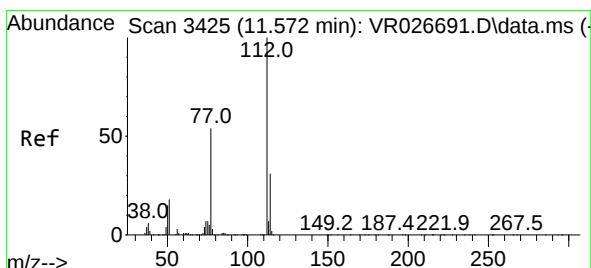
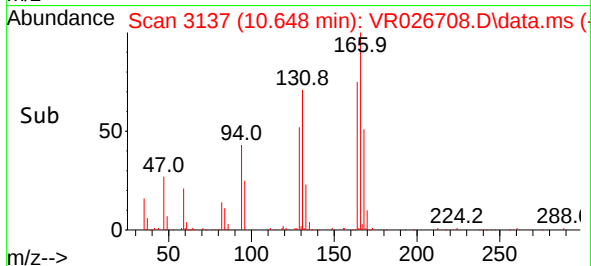
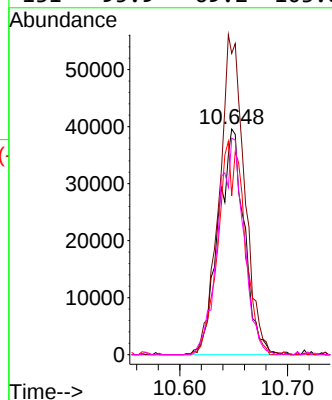
Ion Ratio Lower Upper

164 100

166 133.5 93.7 140.5

129 70.4 73.4 110.2#

131 95.9 69.2 103.8



#64

Chlorobenzene

Concen: 18.943 ug/l

RT: 11.563 min Scan# 3422

Delta R.T. -0.010 min

Lab File: VR026708.D

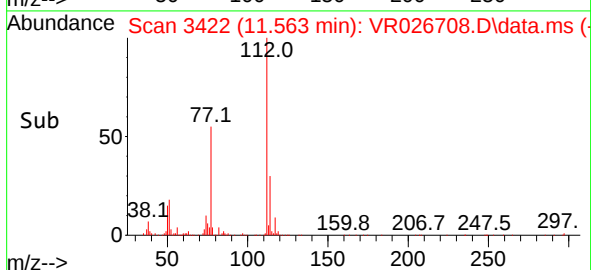
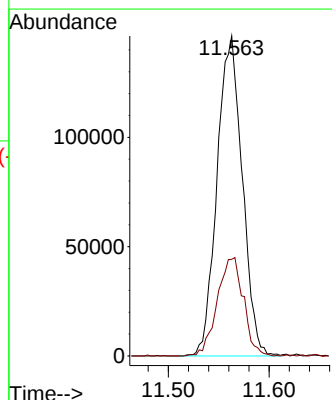
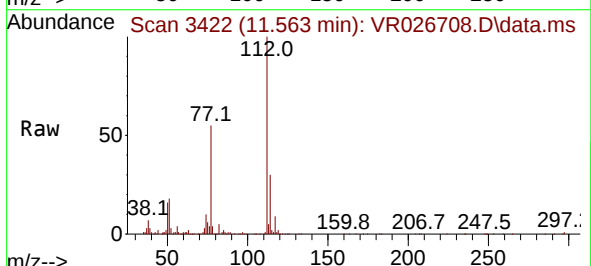
Acq: 5 Aug 2025 12:14

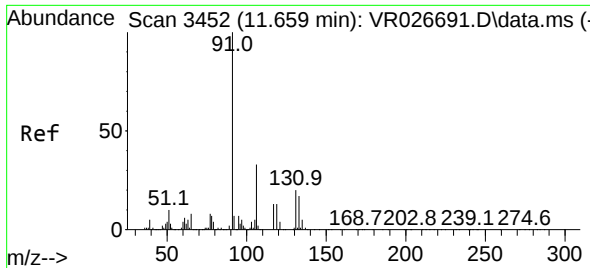
Tgt Ion:112 Resp: 254447

Ion Ratio Lower Upper

112 100

114 30.2 25.0 37.6

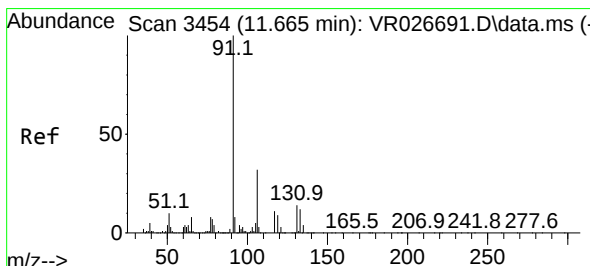
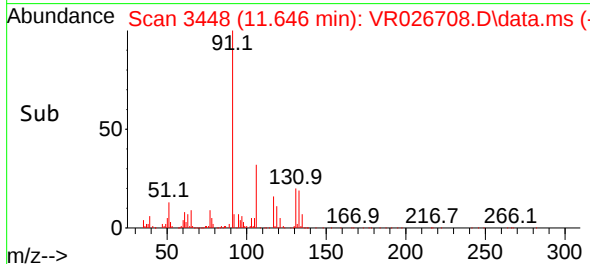
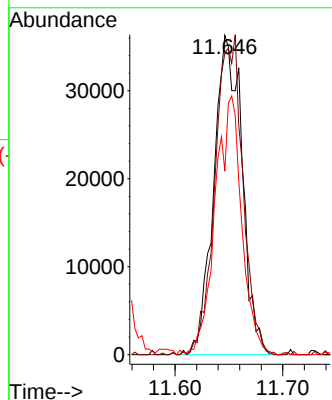
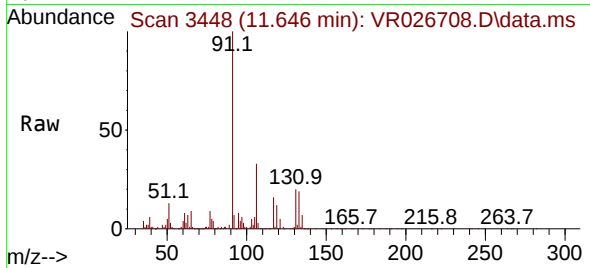




#65  
1,1,1,2-Tetrachloroethane  
Concen: 18.029 ug/l  
RT: 11.646 min Scan# 3451  
Delta R.T. -0.013 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

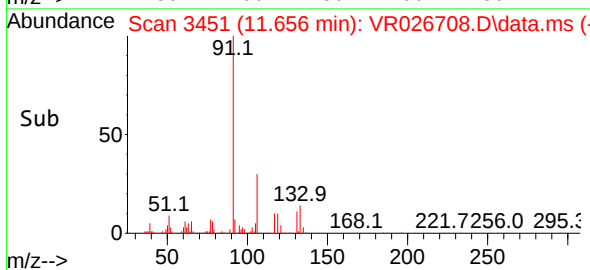
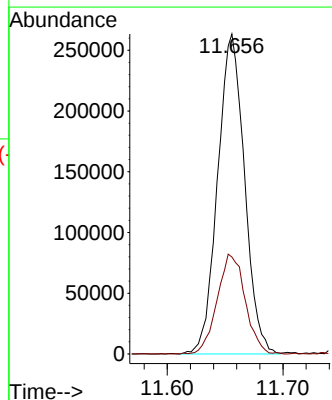
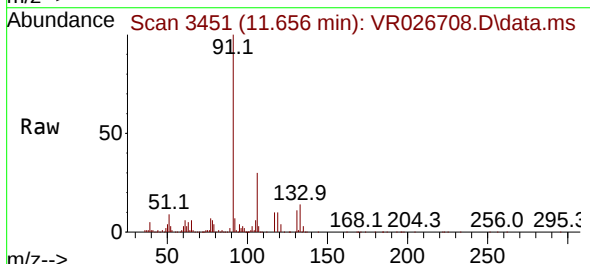
Instrument :  
MSVOA\_R  
ClientSampleId :

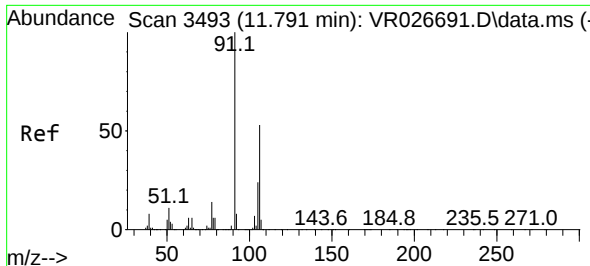
Tgt Ion:131 Resp: 66144  
Ion Ratio Lower Upper  
131 100  
133 97.9 46.2 138.5  
119 75.8 35.7 107.1



#66  
Ethyl Benzene  
Concen: 18.917 ug/l  
RT: 11.656 min Scan# 3451  
Delta R.T. -0.010 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

Tgt Ion: 91 Resp: 424262  
Ion Ratio Lower Upper  
91 100  
106 30.3 25.4 38.0

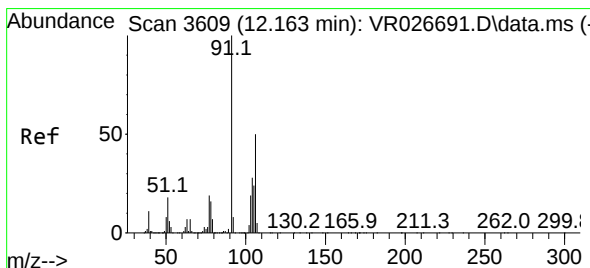
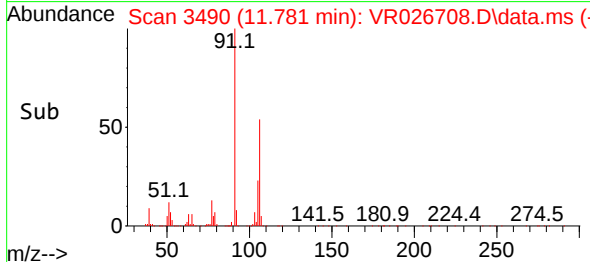
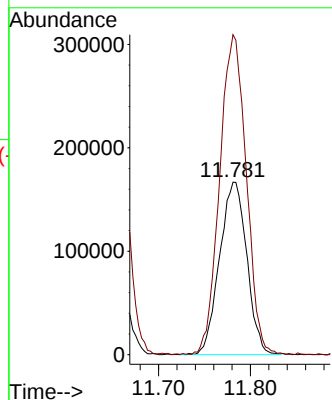
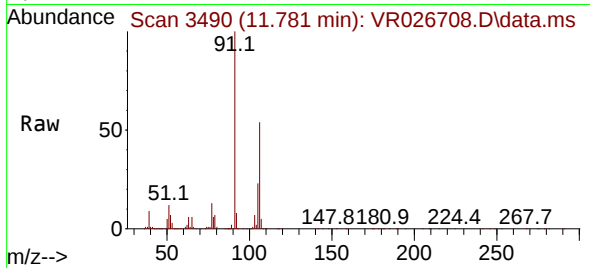




#67  
m/p-Xylenes  
Concen: 38.279 ug/l  
RT: 11.781 min Scan# 3493  
Delta R.T. -0.010 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

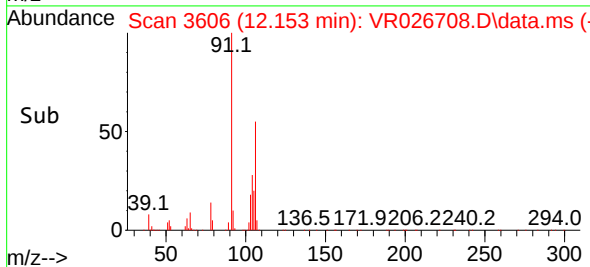
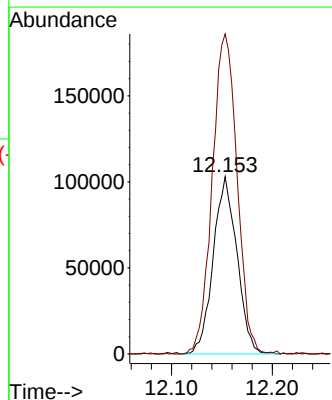
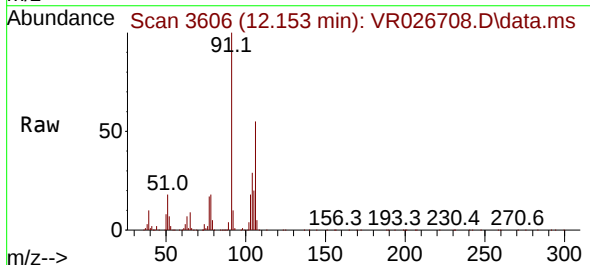
Instrument :  
MSVOA\_R  
ClientSampleId :

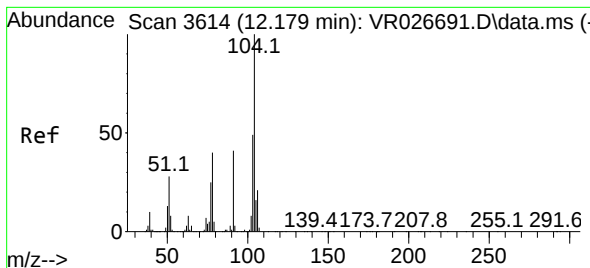
Tgt Ion:106 Resp: 342990  
Ion Ratio Lower Upper  
106 100  
91 180.9 146.8 220.2



#68  
o-Xylene  
Concen: 19.398 ug/l  
RT: 12.153 min Scan# 3606  
Delta R.T. -0.010 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

Tgt Ion:106 Resp: 168722  
Ion Ratio Lower Upper  
106 100  
91 188.3 97.9 293.6





#69

Styrene

Concen: 19.466 ug/l

RT: 12.166 min Scan# 30

Delta R.T. -0.013 min

Lab File: VR026708.D

Acq: 5 Aug 2025 12:14

Instrument :

MSVOA\_R

ClientSampleId :

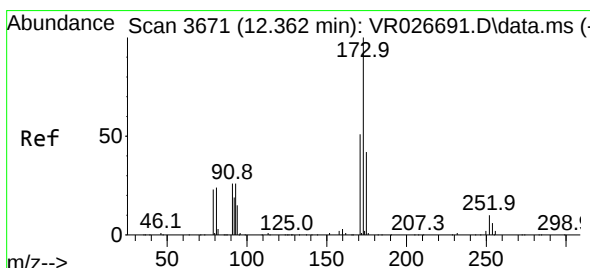
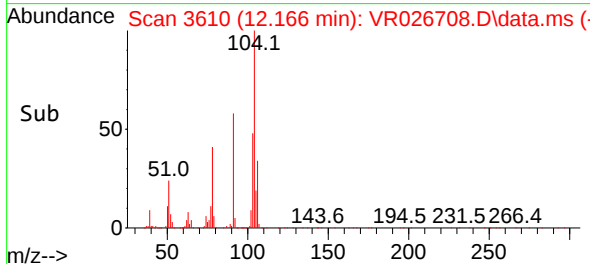
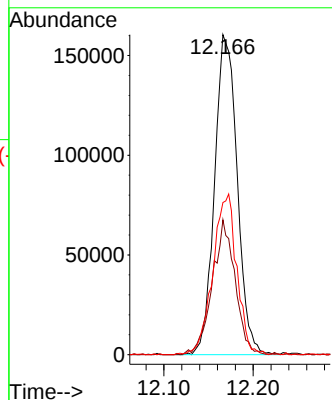
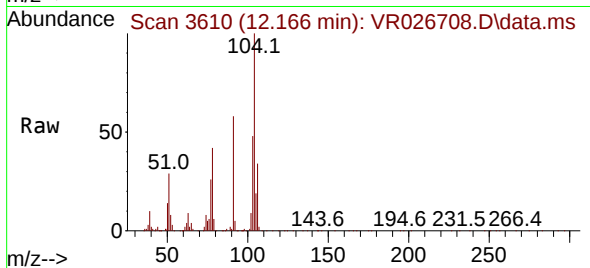
Tgt Ion:104 Resp: 282945

Ion Ratio Lower Upper

104 100

78 42.3 34.5 51.7

103 53.0 43.2 64.8



#70

Bromoform

Concen: 18.065 ug/l

RT: 12.352 min Scan# 3668

Delta R.T. -0.010 min

Lab File: VR026708.D

Acq: 5 Aug 2025 12:14

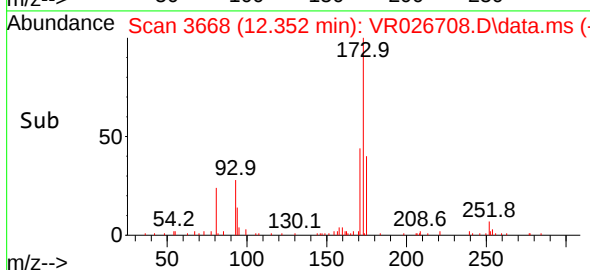
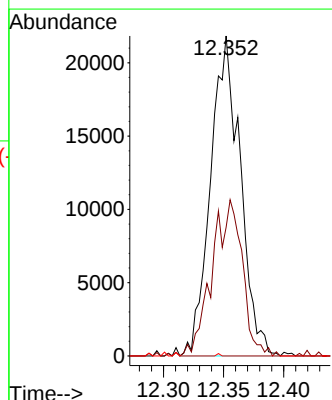
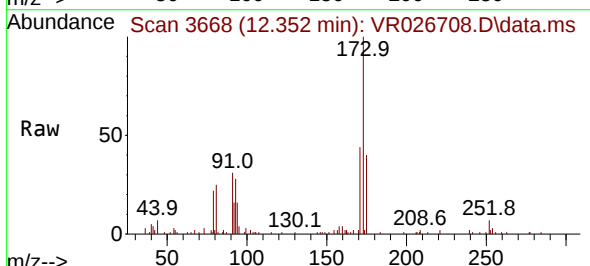
Tgt Ion:173 Resp: 37508

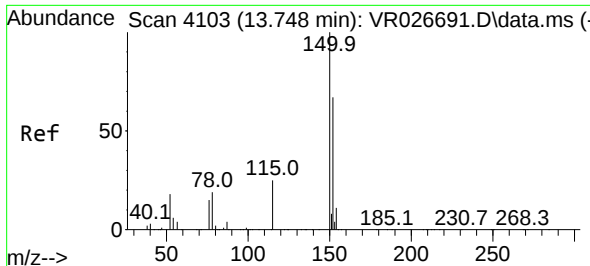
Ion Ratio Lower Upper

173 100

175 21.7 23.6 71.0#

254 0.1 0.1 0.1

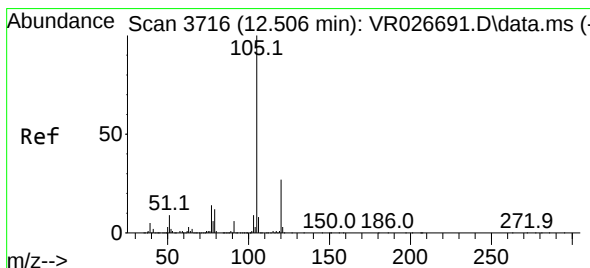
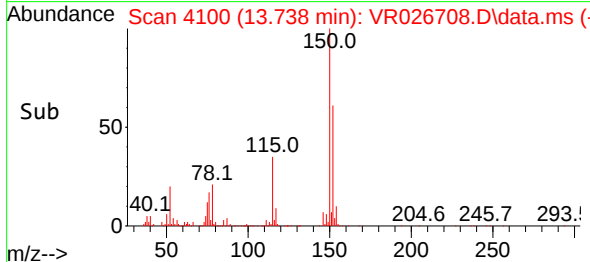
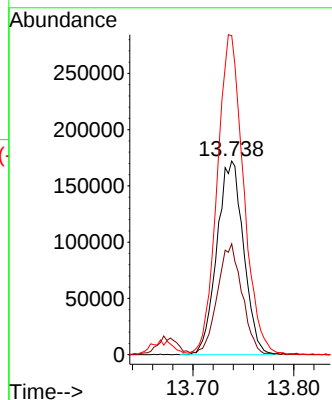
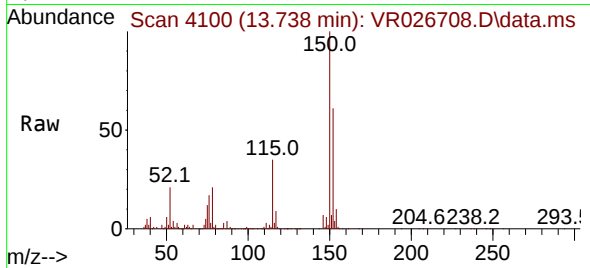




#71  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.738 min Scan# 4103  
Delta R.T. -0.010 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

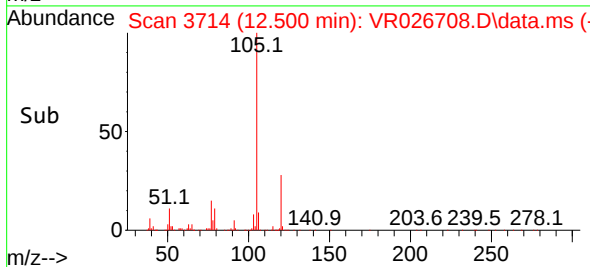
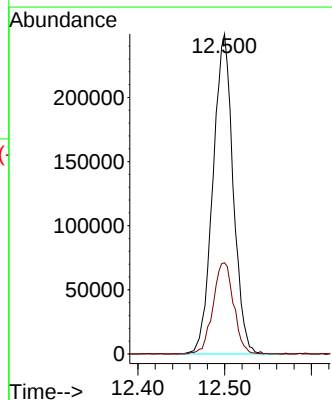
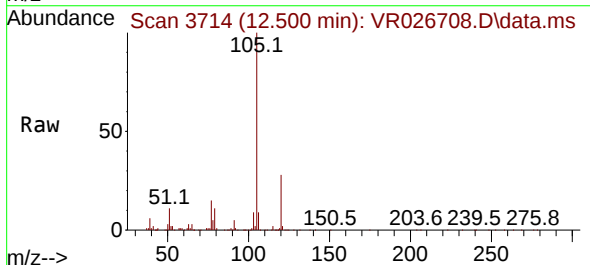
Instrument :  
MSVOA\_R  
ClientSampleId :

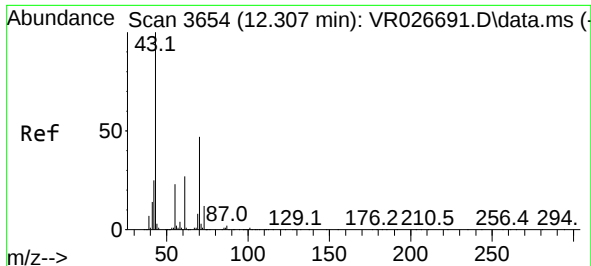
Tgt Ion:152 Resp: 316008  
Ion Ratio Lower Upper  
152 100  
115 53.2 27.8 83.4  
150 163.6 0.0 350.4



#72  
Isopropylbenzene  
Concen: 17.917 ug/l  
RT: 12.500 min Scan# 3714  
Delta R.T. -0.006 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

Tgt Ion:105 Resp: 403555  
Ion Ratio Lower Upper  
105 100  
120 29.1 14.2 42.8



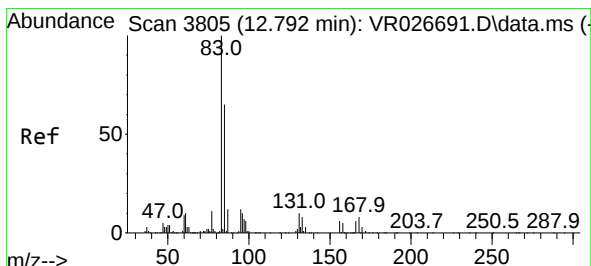
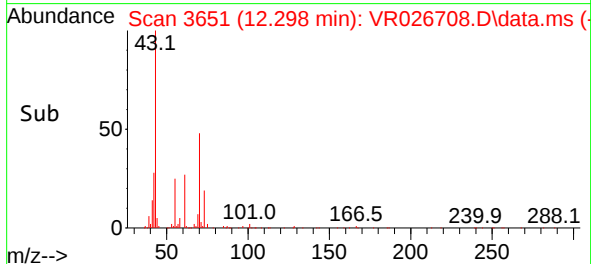
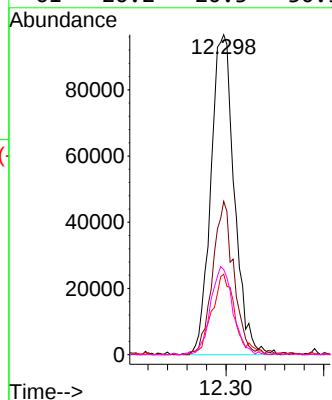
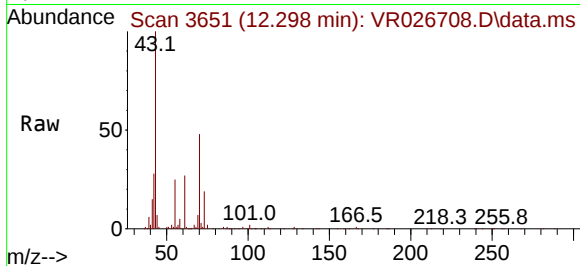


#73  
N-amy1 acetate  
Concen: 18.033 ug/l  
RT: 12.298 min Scan# 30  
Delta R.T. -0.010 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

Instrument :  
MSVOA\_R  
ClientSampleId :

Tgt Ion: 43 Resp: 161041

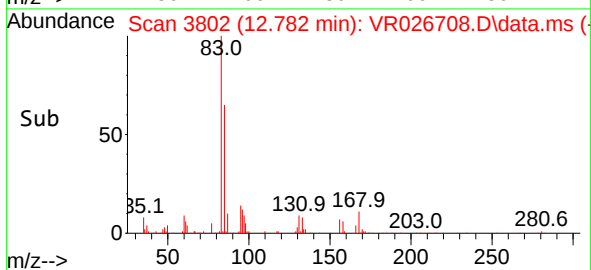
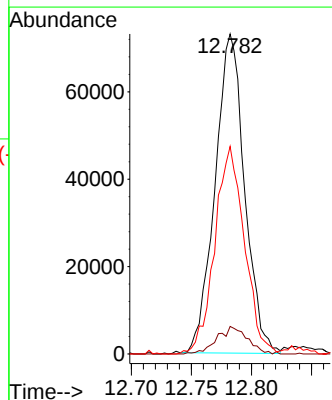
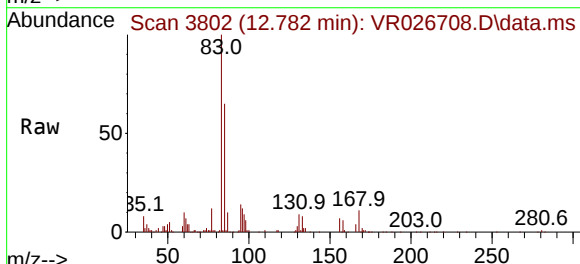
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 70  | 43.3  | 36.4  | 54.6  |
| 55  | 24.7  | 18.7  | 28.1  |
| 61  | 26.2  | 20.3  | 30.5  |

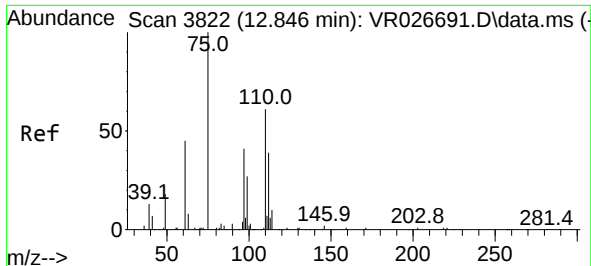


#74  
1,1,2,2-Tetrachloroethane  
Concen: 18.898 ug/l  
RT: 12.782 min Scan# 3802  
Delta R.T. -0.010 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

Tgt Ion: 83 Resp: 124887

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 8.9   | 4.2   | 12.4  |
| 85  | 65.3  | 32.3  | 96.8  |

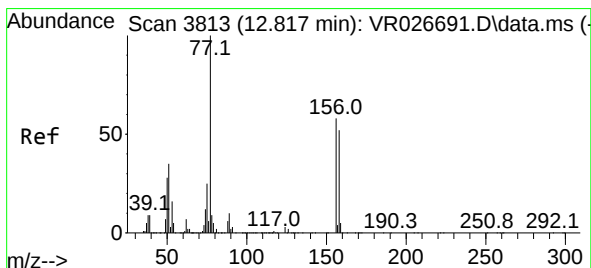
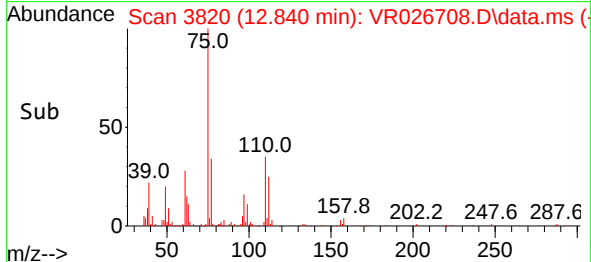
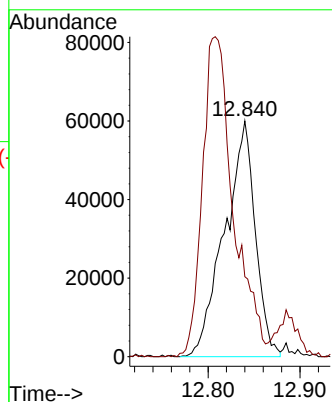
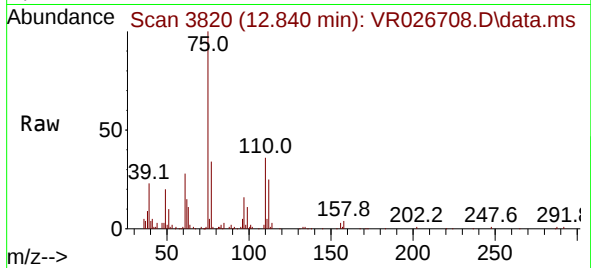




#75  
1,2,3-Trichloropropane  
Concen: 26.588 ug/l  
RT: 12.840 min Scan# 3822  
Delta R.T. -0.006 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

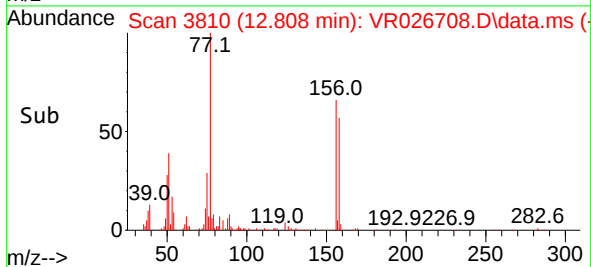
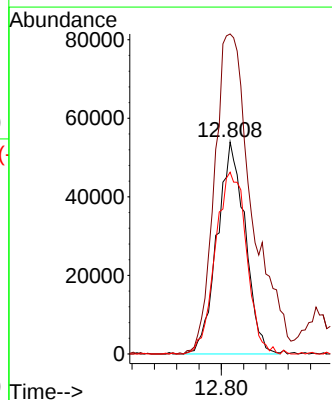
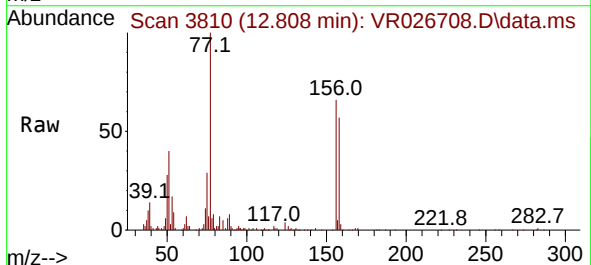
Instrument :  
MSVOA\_R  
ClientSampleId :

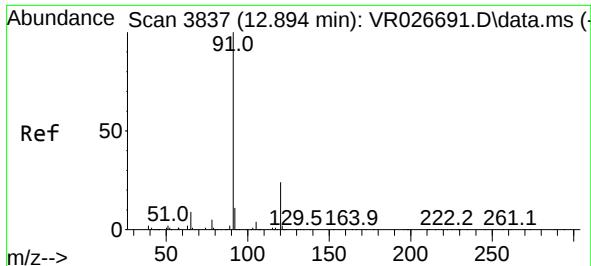
Tgt Ion: 75 Resp: 139273  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0



#76  
Bromobenzene  
Concen: 17.989 ug/l  
RT: 12.808 min Scan# 3810  
Delta R.T. -0.010 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

Tgt Ion:156 Resp: 93768  
Ion Ratio Lower Upper  
156 100  
77 202.8 105.5 316.4  
158 95.5 46.4 139.1

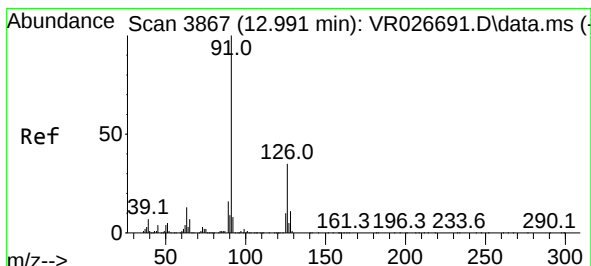
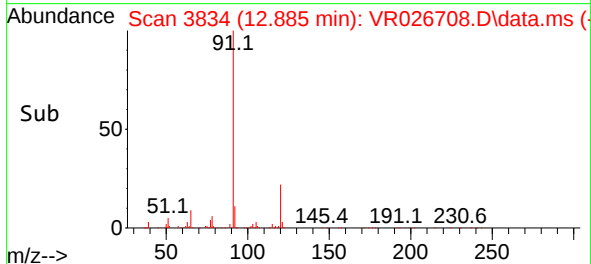
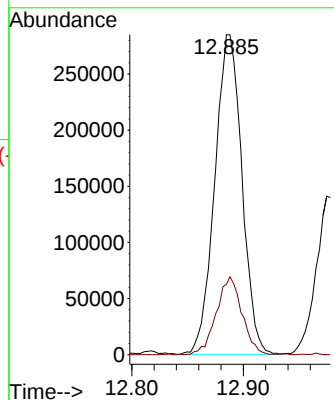
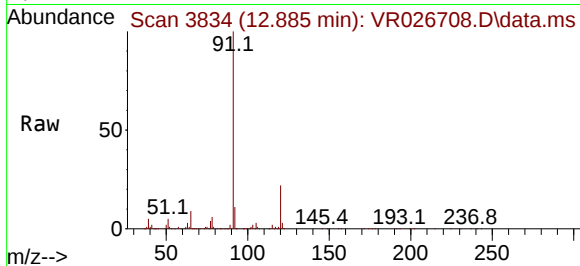




#77  
n-propylbenzene  
Concen: 17.940 ug/l  
RT: 12.885 min Scan# 3834  
Delta R.T. -0.010 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

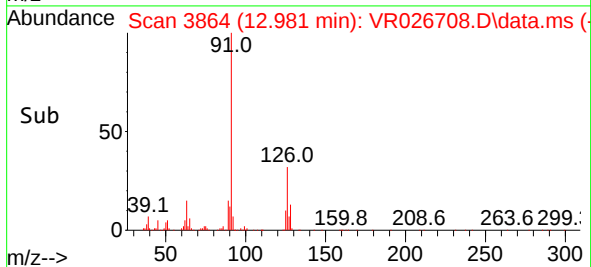
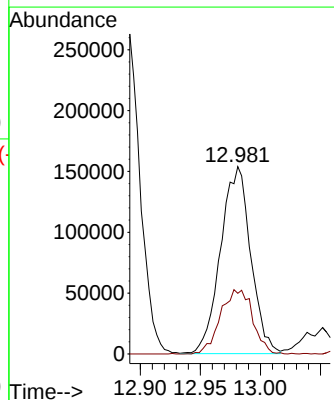
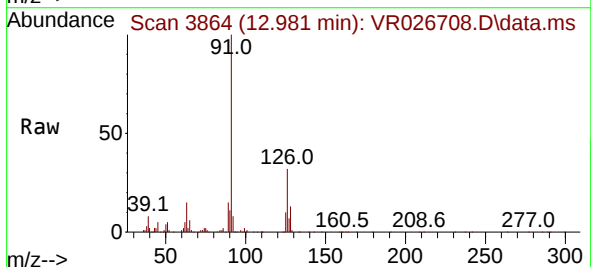
Instrument :  
MSVOA\_R  
ClientSampleId :

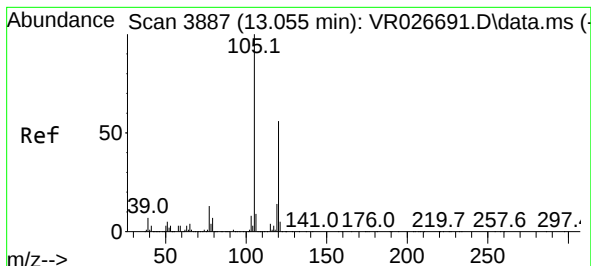
Tgt Ion: 91 Resp: 482077  
Ion Ratio Lower Upper  
91 100  
120 22.9 11.9 35.9



#78  
2-Chlorotoluene  
Concen: 17.610 ug/l  
RT: 12.981 min Scan# 3864  
Delta R.T. -0.010 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

Tgt Ion: 91 Resp: 268478  
Ion Ratio Lower Upper  
91 100  
126 36.6 17.5 52.6





#79

1,3,5-Trimethylbenzene

Concen: 17.705 ug/l

RT: 13.045 min Scan# 31

Delta R.T. -0.010 min

Lab File: VR026708.D

Acq: 5 Aug 2025 12:14

Instrument :

MSVOA\_R

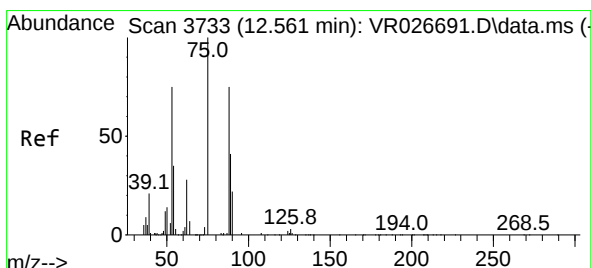
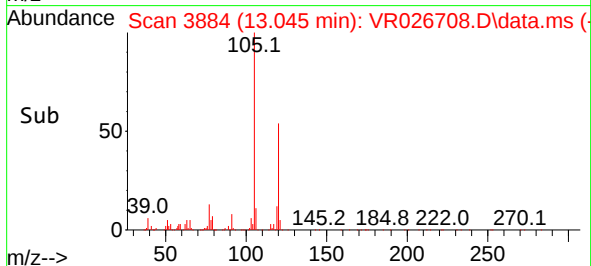
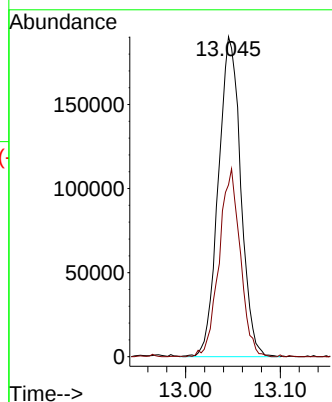
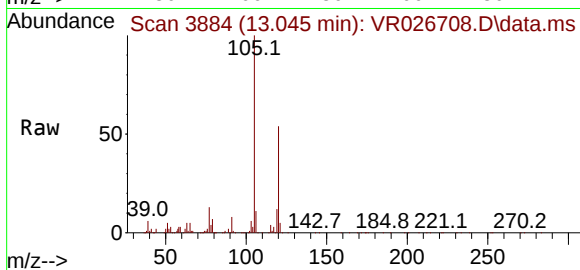
ClientSampleId :

Tgt Ion:105 Resp: 311831

Ion Ratio Lower Upper

105 100

120 55.5 26.6 79.7



#80

trans-1,4-Dichloro-2-butene

Concen: 14.482 ug/l

RT: 12.551 min Scan# 3730

Delta R.T. -0.010 min

Lab File: VR026708.D

Acq: 5 Aug 2025 12:14

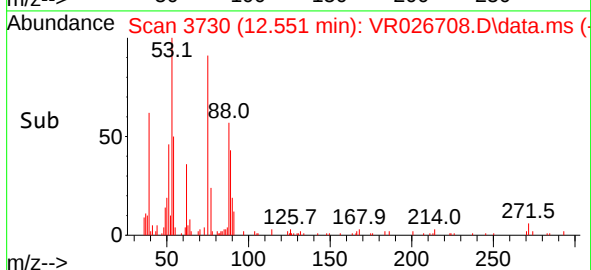
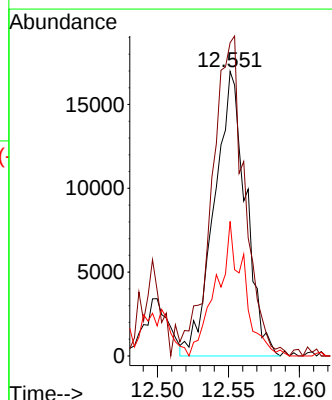
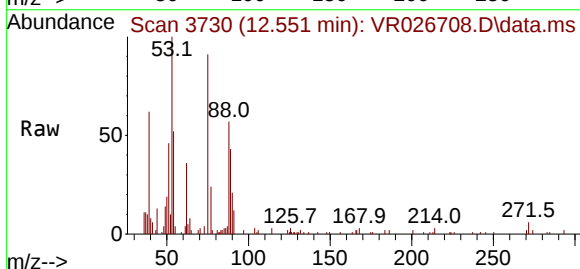
Tgt Ion: 75 Resp: 26046

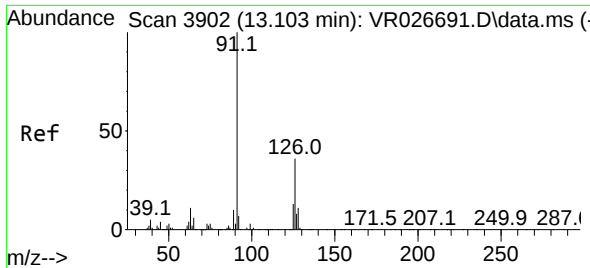
Ion Ratio Lower Upper

75 100

53 116.7 67.8 101.6#

89 41.8 34.6 52.0

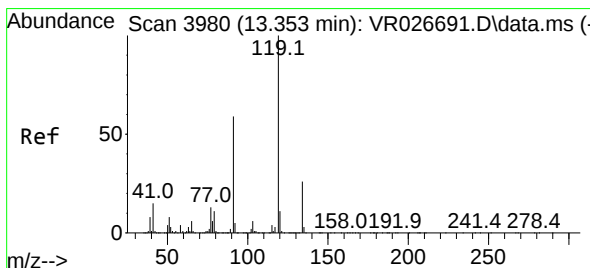
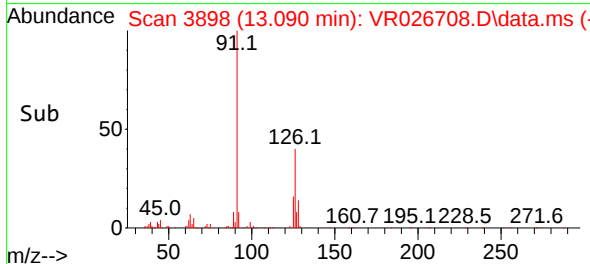
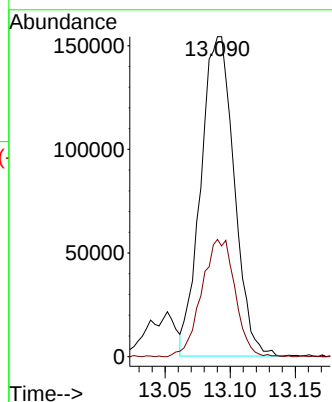
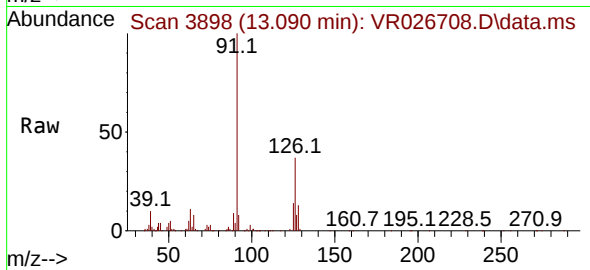




#81  
4-Chlorotoluene  
Concen: 17.650 ug/l  
RT: 13.090 min Scan# 3902  
Delta R.T. -0.013 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

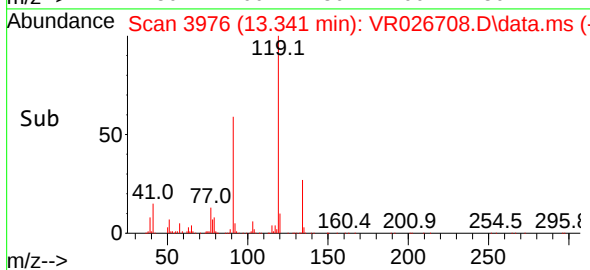
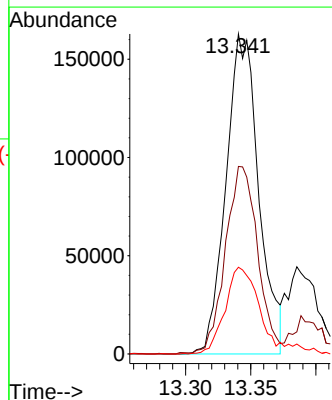
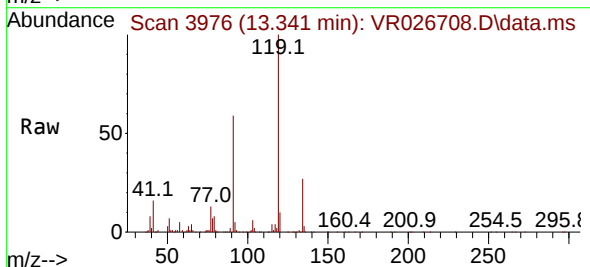
Instrument :  
MSVOA\_R  
ClientSampleId :

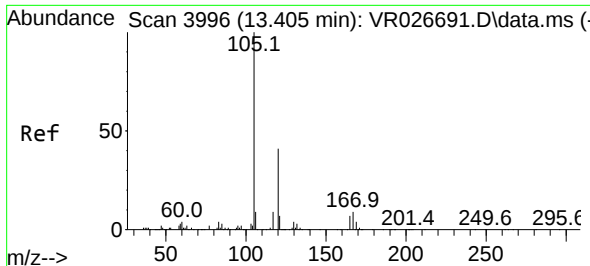
Tgt Ion: 91 Resp: 274895  
Ion Ratio Lower Upper  
91 100  
126 36.7 17.8 53.3



#82  
tert-Butylbenzene  
Concen: 17.791 ug/l  
RT: 13.341 min Scan# 3976  
Delta R.T. -0.013 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

Tgt Ion: 119 Resp: 285022  
Ion Ratio Lower Upper  
119 100  
91 57.7 29.9 89.7  
134 29.7 13.5 40.4

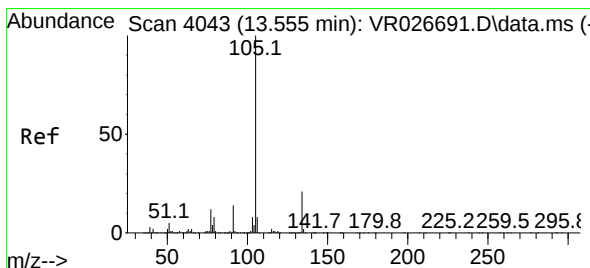
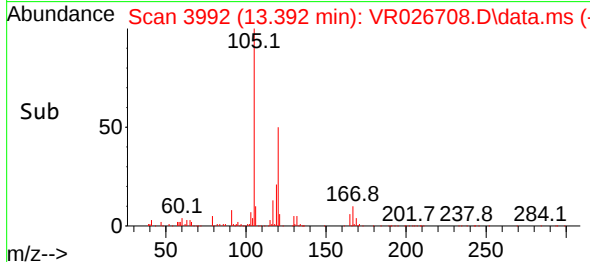
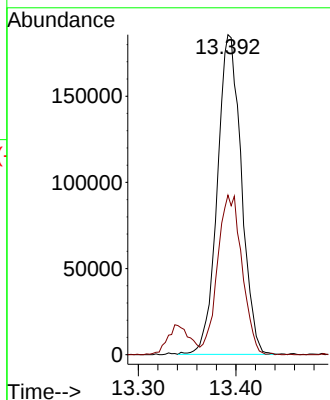
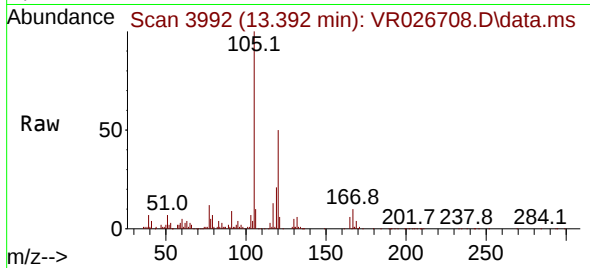




#83  
1,2,4-Trimethylbenzene  
Concen: 18.131 ug/l  
RT: 13.392 min Scan# 3996  
Delta R.T. -0.013 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

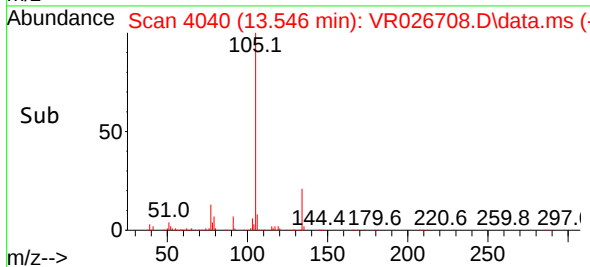
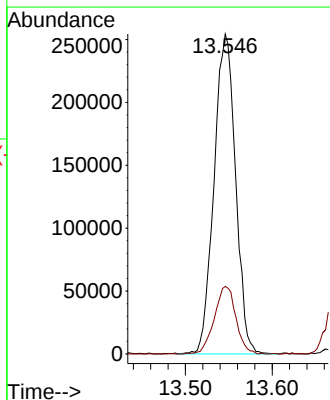
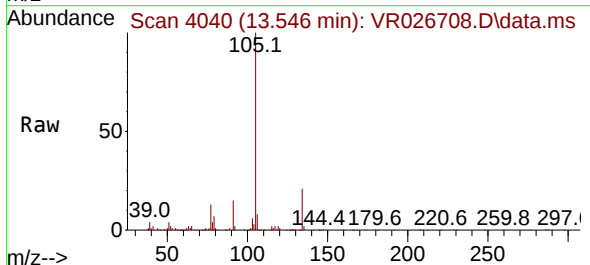
Instrument :  
MSVOA\_R  
ClientSampleId :

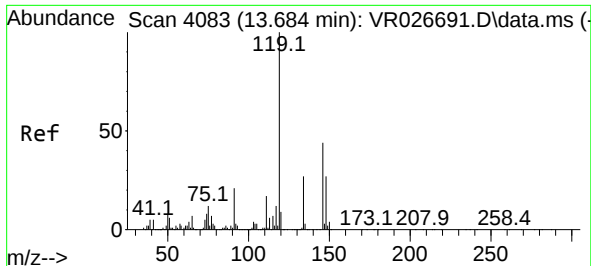
Tgt Ion:105 Resp: 316112  
Ion Ratio Lower Upper  
105 100  
120 50.9 25.0 75.0



#84  
sec-Butylbenzene  
Concen: 18.447 ug/l  
RT: 13.546 min Scan# 4040  
Delta R.T. -0.010 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

Tgt Ion:105 Resp: 438275  
Ion Ratio Lower Upper  
105 100  
134 21.2 10.4 31.1

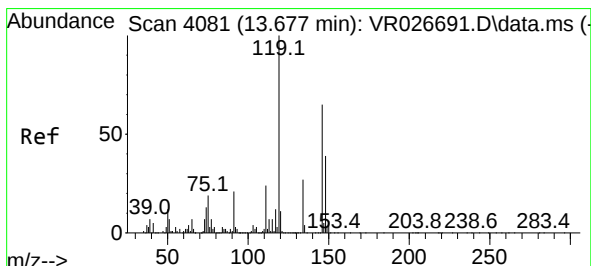
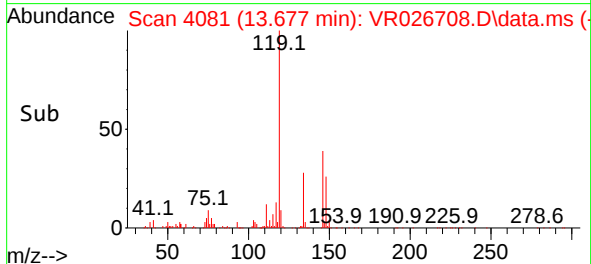
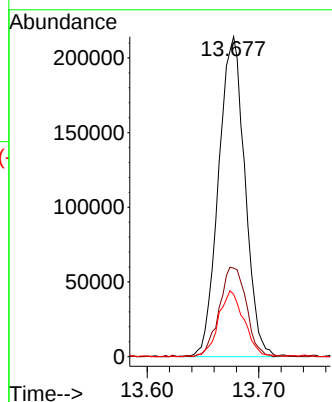
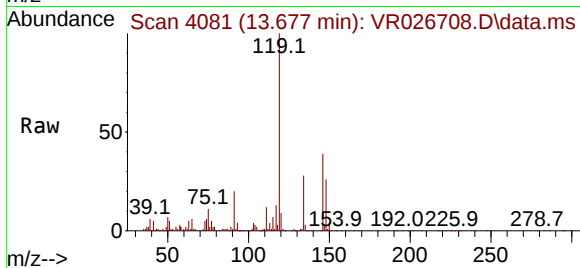




#85  
p-Isopropyltoluene  
Concen: 18.154 ug/l  
RT: 13.677 min Scan# 4079  
Delta R.T. -0.006 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

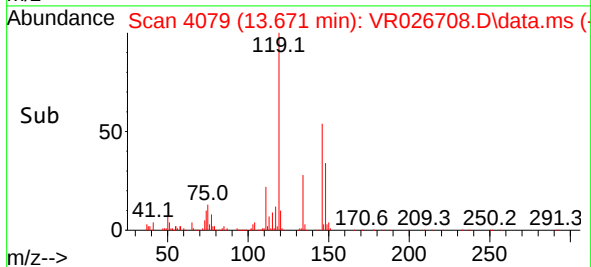
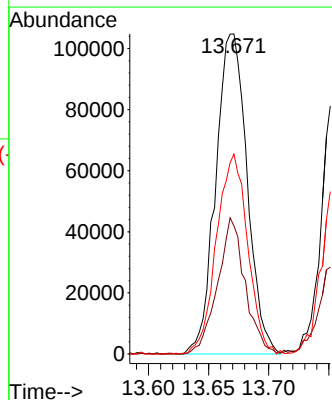
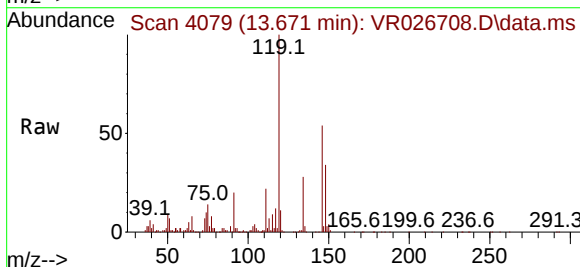
Instrument :  
MSVOA\_R  
ClientSampleId :

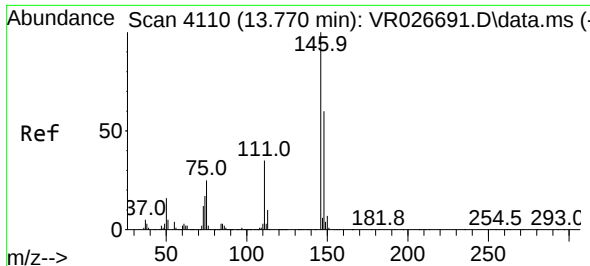
Tgt Ion:119 Resp: 351677  
Ion Ratio Lower Upper  
119 100  
134 28.6 13.9 41.7  
91 20.1 10.4 31.2



#86  
1,3-Dichlorobenzene  
Concen: 18.642 ug/l  
RT: 13.671 min Scan# 4079  
Delta R.T. -0.006 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

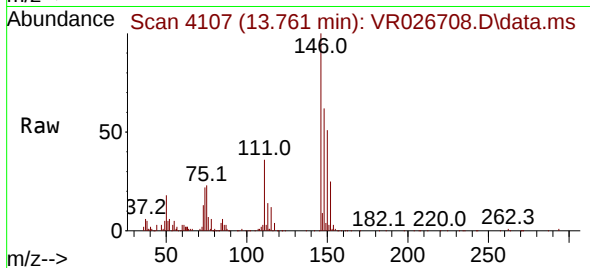
Tgt Ion:146 Resp: 190500  
Ion Ratio Lower Upper  
146 100  
111 37.2 19.4 58.2  
148 61.9 31.4 94.3



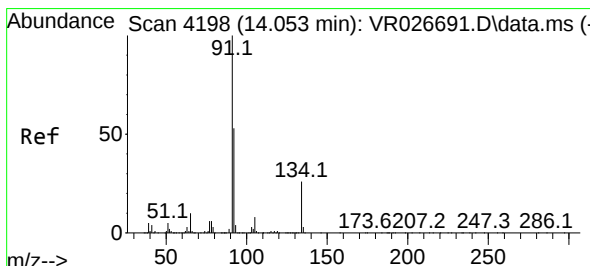
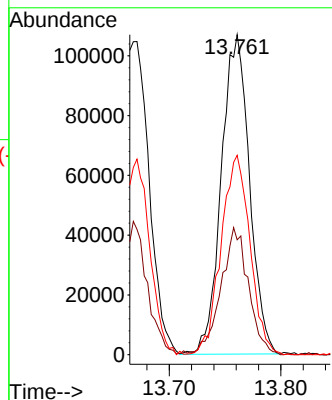
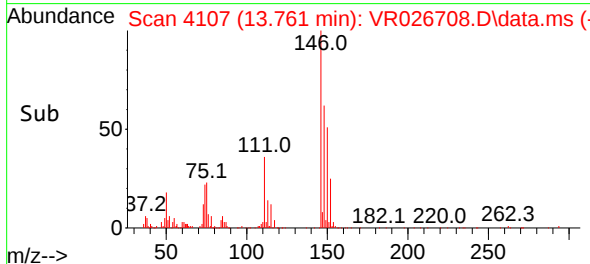


#87  
1,4-Dichlorobenzene  
Concen: 18.245 ug/l  
RT: 13.761 min Scan# 4110  
Delta R.T. -0.010 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

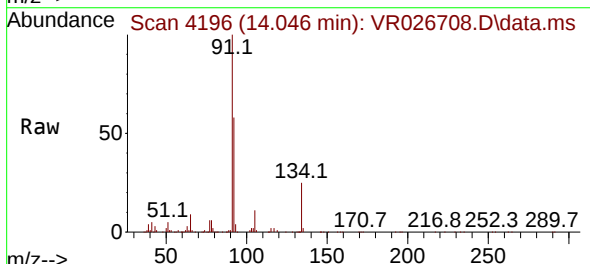
Instrument :  
MSVOA\_R  
ClientSampleId :



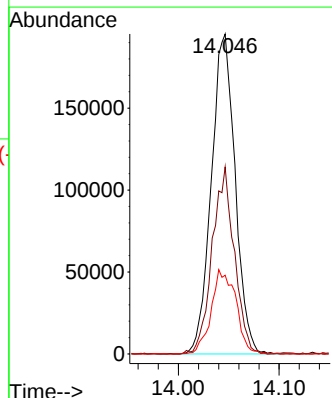
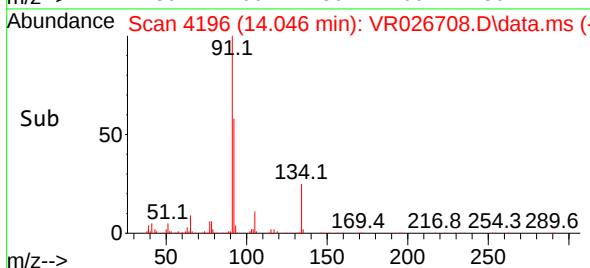
Tgt Ion:146 Resp: 187132  
Ion Ratio Lower Upper  
146 100  
111 38.9 19.1 57.3  
148 64.3 32.6 97.8

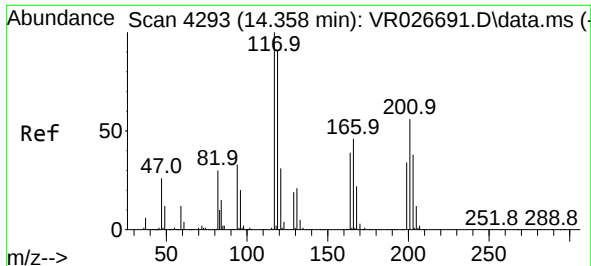


#88  
n-Butylbenzene  
Concen: 17.986 ug/l  
RT: 14.046 min Scan# 4196  
Delta R.T. -0.006 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14



Tgt Ion: 91 Resp: 321125  
Ion Ratio Lower Upper  
91 100  
92 54.2 27.1 81.2  
134 27.1 13.1 39.3

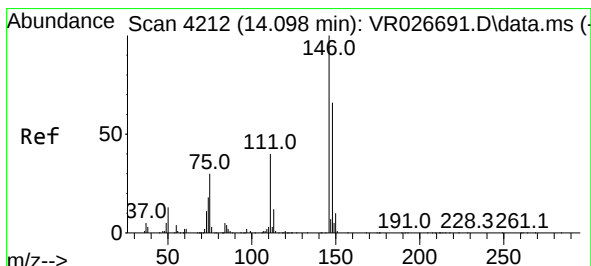
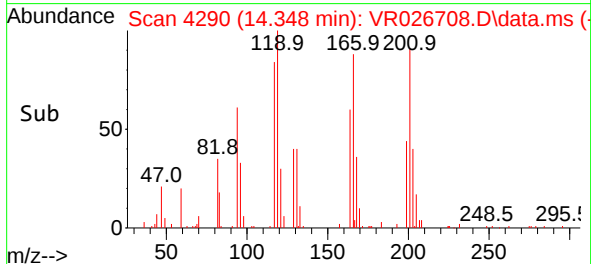
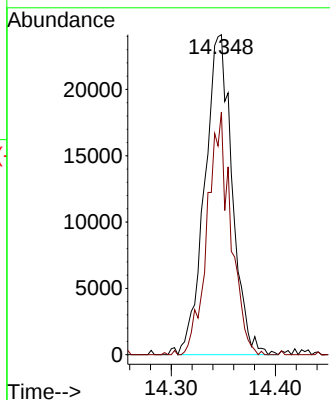
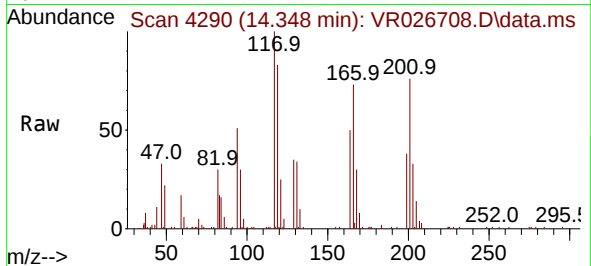




#89  
Hexachloroethane  
Concen: 15.854 ug/l  
RT: 14.348 min Scan# 41  
Delta R.T. -0.010 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

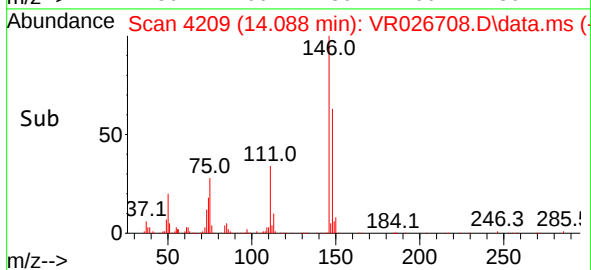
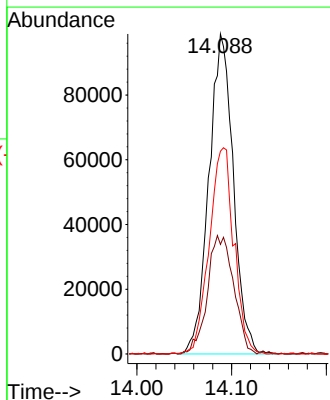
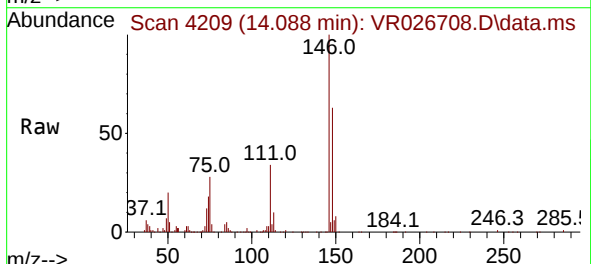
Instrument :  
MSVOA\_R  
ClientSampleId :

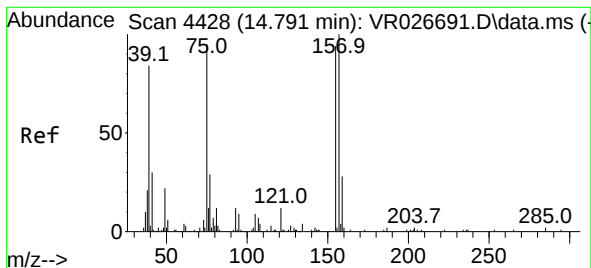
Tgt Ion:117 Resp: 44103  
Ion Ratio Lower Upper  
117 100  
201 65.0 30.6 92.0



#90  
1,2-Dichlorobenzene  
Concen: 18.415 ug/l  
RT: 14.088 min Scan# 4209  
Delta R.T. -0.010 min  
Lab File: VR026708.D  
Acq: 5 Aug 2025 12:14

Tgt Ion:146 Resp: 176739  
Ion Ratio Lower Upper  
146 100  
111 39.9 20.0 60.0  
148 65.4 32.4 97.0



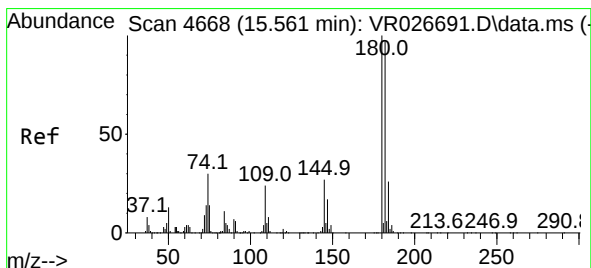
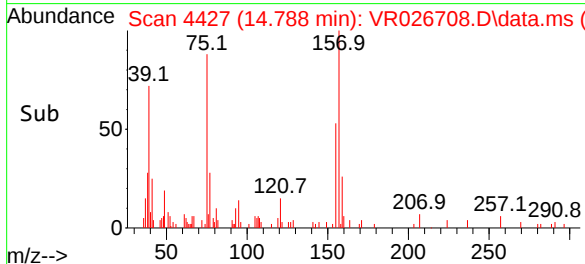
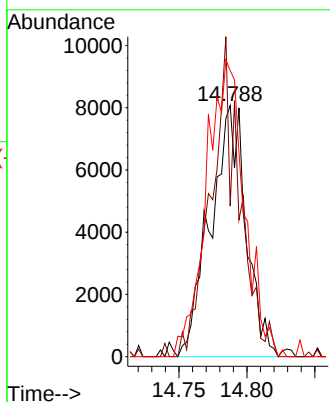
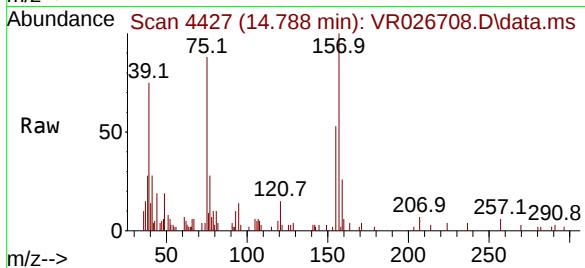


#91  
 1,2-Dibromo-3-Chloropropane  
 Concen: 16.699 ug/l  
 RT: 14.788 min Scan# 4427  
 Delta R.T. -0.003 min  
 Lab File: VR026708.D  
 Acq: 5 Aug 2025 12:14

Instrument :  
 MSVOA\_R  
 ClientSampleId :

Tgt Ion: 75 Resp: 14695  

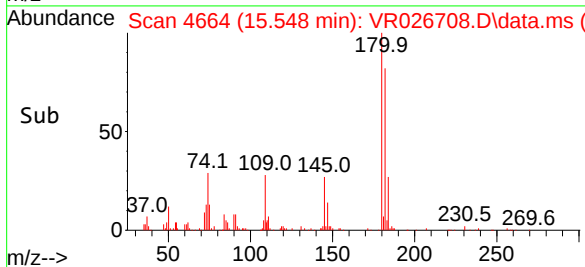
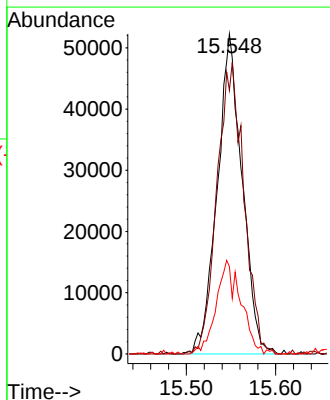
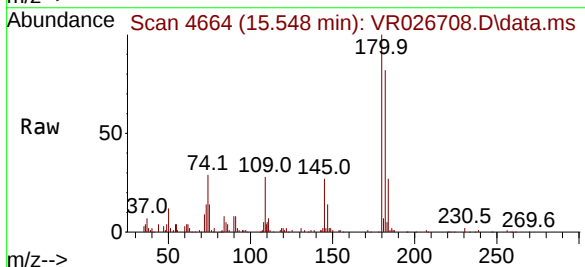
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 155 | 100.4 | 48.0  | 144.2 |
| 157 | 125.7 | 59.5  | 178.4 |

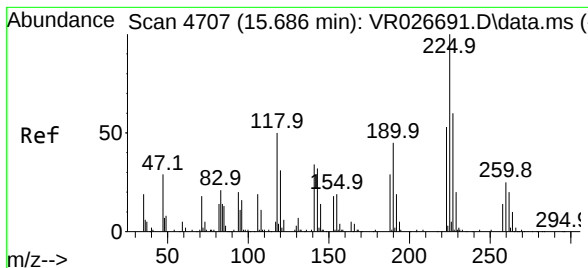


#92  
 1,2,4-Trichlorobenzene  
 Concen: 17.684 ug/l  
 RT: 15.548 min Scan# 4664  
 Delta R.T. -0.013 min  
 Lab File: VR026708.D  
 Acq: 5 Aug 2025 12:14

Tgt Ion: 180 Resp: 101491  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 97.8  | 47.0  | 141.0 |
| 145 | 28.9  | 15.2  | 45.5  |





#93

Hexachlorobutadiene

Concen: 16.316 ug/l

RT: 15.677 min Scan# 4704

Delta R.T. -0.010 min

Lab File: VR026708.D

Acq: 5 Aug 2025 12:14

Instrument :

MSVOA\_R

ClientSampleId :

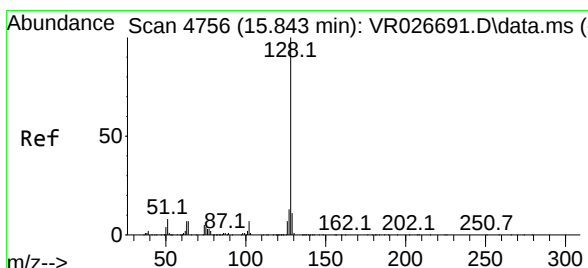
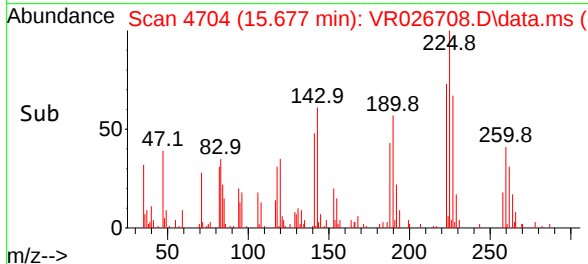
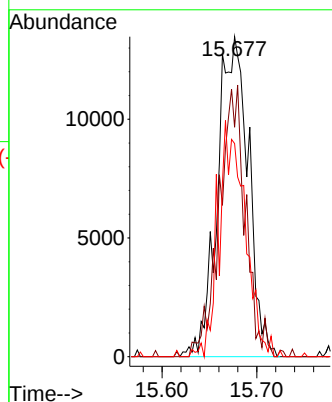
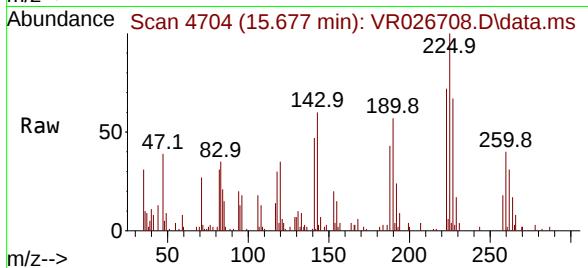
Tgt Ion:225 Resp: 30424

Ion Ratio Lower Upper

225 100

223 70.2 31.4 94.2

227 26.7 31.6 95.0#



#94

Naphthalene

Concen: 19.447 ug/l

RT: 15.827 min Scan# 4751

Delta R.T. -0.016 min

Lab File: VR026708.D

Acq: 5 Aug 2025 12:14

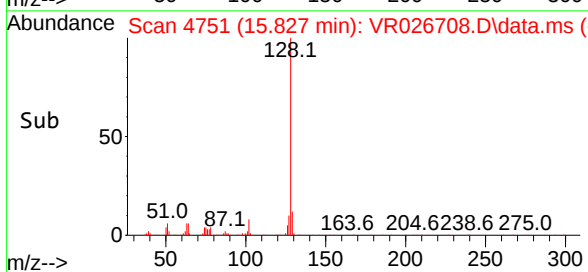
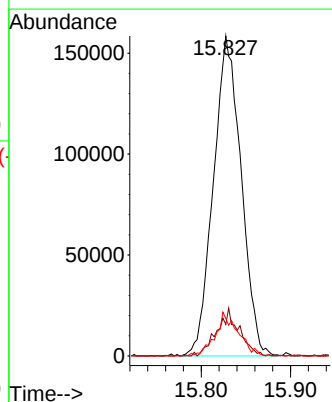
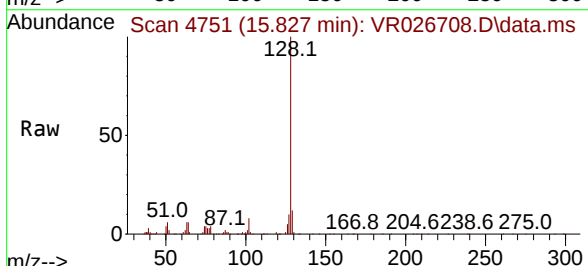
Tgt Ion:128 Resp: 342024

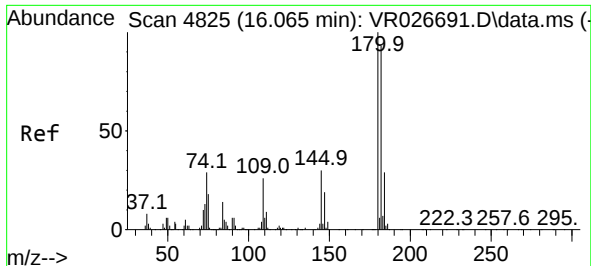
Ion Ratio Lower Upper

128 100

127 12.0 9.8 14.8

129 11.3 8.6 13.0





#95

1,2,3-Trichlorobenzene

Concen: 18.751 ug/l

RT: 16.052 min Scan# 4821

Delta R.T. -0.013 min

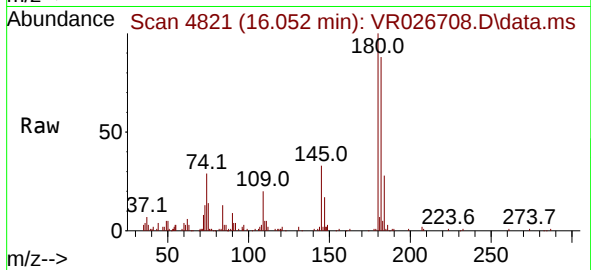
Lab File: VR026708.D

Acq: 5 Aug 2025 12:14

Instrument :

MSVOA\_R

ClientSampleId :



Tgt Ion:180 Resp: 102162

Ion Ratio Lower Upper

180 100

182 95.6 47.2 141.6

145 31.4 15.5 46.5

