

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW112025\  
 Data File : VW032513.D  
 Acq On : 20 Nov 2025 10:31  
 Operator : SY/MD  
 Sample : VW1120SBS01  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Nov 21 01:18:51 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W111025S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 11 03:48:21 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.953  | 168  | 353765   | 50.000 | ug/l  | -0.01    |
| 34) 1,4-Difluorobenzene    | 8.849  | 114  | 650665   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.629 | 117  | 586278   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.556 | 152  | 284719   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |       |
|-----------------------------|--------|-------|----------|----------|------------|-------|
| System Monitoring Compounds |        |       |          |          |            |       |
| 33) 1,2-Dichloroethane-d4   | 8.313  | 65    | 236526   | 51.860   | ug/l       | 0.00  |
| Spiked Amount               | 50.000 | Range | 63 - 155 | Recovery | = 103.720% |       |
| 35) Dibromofluoromethane    | 7.892  | 113   | 201286   | 51.669   | ug/l       | -0.01 |
| Spiked Amount               | 50.000 | Range | 70 - 134 | Recovery | = 103.340% |       |
| 50) Toluene-d8              | 10.325 | 98    | 767314   | 51.342   | ug/l       | 0.00  |
| Spiked Amount               | 50.000 | Range | 74 - 123 | Recovery | = 102.680% |       |
| 62) 4-Bromofluorobenzene    | 12.617 | 95    | 281242   | 49.815   | ug/l       | 0.00  |
| Spiked Amount               | 50.000 | Range | 17 - 146 | Recovery | = 99.640%  |       |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.046 | 85  | 36280   | 20.213  | ug/l   | 99  |
| 3) Chloromethane             | 2.253 | 50  | 69477   | 22.583  | ug/l   | 100 |
| 4) Vinyl Chloride            | 2.405 | 62  | 89672   | 23.095  | ug/l   | 98  |
| 5) Bromomethane              | 2.814 | 94  | 57341   | 22.078  | ug/l   | 90  |
| 6) Chloroethane              | 2.966 | 64  | 55368   | 21.796  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.302 | 101 | 58835   | 19.327  | ug/l   | 94  |
| 8) Diethyl Ether             | 3.722 | 74  | 56107   | 22.543  | ug/l   | 96  |
| 9) 1,1,2-Trichlorotrifluo... | 4.100 | 101 | 76953   | 23.206  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.295 | 142 | 116731  | 21.856  | ug/l   | 100 |
| 11) Tert butyl alcohol       | 5.210 | 59  | 39189   | 99.369  | ug/l # | 72  |
| 12) 1,1-Dichloroethene       | 4.070 | 96  | 84998   | 22.354  | ug/l   | 91  |
| 13) Acrolein                 | 3.924 | 56  | 59108   | 89.329  | ug/l   | 97  |
| 14) Allyl chloride           | 4.704 | 41  | 153539  | 20.997  | ug/l   | 97  |
| 15) Acrylonitrile            | 5.399 | 53  | 153439  | 106.627 | ug/l   | 99  |
| 16) Acetone                  | 4.161 | 43  | 162698  | 119.236 | ug/l   | 98  |
| 17) Carbon Disulfide         | 4.417 | 76  | 243244  | 21.644  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.704 | 43  | 76121   | 22.528  | ug/l   | 100 |
| 19) Methyl tert-butyl Ether  | 5.466 | 73  | 165045  | 20.591  | ug/l   | 99  |
| 20) Methylene Chloride       | 4.954 | 84  | 114582  | 23.481  | ug/l   | 95  |
| 21) trans-1,2-Dichloroethene | 5.460 | 96  | 96335   | 22.157  | ug/l   | 98  |
| 22) Diisopropyl ether        | 6.332 | 45  | 327872  | 22.022  | ug/l   | 97  |
| 23) Vinyl Acetate            | 6.277 | 43  | 1069655 | 104.864 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 6.240 | 63  | 181380  | 22.236  | ug/l   | 99  |
| 25) 2-Butanone               | 7.191 | 43  | 224038  | 111.448 | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 7.185 | 77  | 98449   | 21.656  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 7.185 | 96  | 112269  | 21.610  | ug/l   | 98  |
| 28) Bromochloromethane       | 7.527 | 49  | 87234   | 22.627  | ug/l   | 97  |
| 29) Tetrahydrofuran          | 7.551 | 42  | 133628  | 104.731 | ug/l   | 100 |
| 30) Chloroform               | 7.685 | 83  | 183475  | 22.977  | ug/l   | 96  |
| 31) Cyclohexane              | 7.965 | 56  | 160492  | 21.270  | ug/l   | 98  |
| 32) 1,1,1-Trichloroethane    | 7.886 | 97  | 125706  | 22.037  | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 8.093 | 75  | 127495  | 22.212  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.270 | 43  | 91187   | 21.364  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 8.075 | 117 | 114900  | 22.529  | ug/l   | 92  |
| 39) Methylcyclohexane        | 9.343 | 83  | 153586  | 20.655  | ug/l   | 93  |
| 40) Benzene                  | 8.331 | 78  | 405747  | 21.951  | ug/l   | 98  |

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 Sample : VW1120SBS01  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Nov 21 01:18:51 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W111025S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 11 03:48:21 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.496  | 41   | 44836    | 19.123  | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 8.411  | 62   | 123438   | 22.735  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.435  | 43   | 156738   | 20.739  | ug/l   | 99       |
| 44) Trichloroethene           | 9.093  | 130  | 92474    | 21.499  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.374  | 63   | 104396   | 22.682  | ug/l   | 98       |
| 46) Dibromomethane            | 9.465  | 93   | 60375    | 22.447  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.648  | 83   | 137684   | 22.441  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.441  | 41   | 69317    | 19.301  | ug/l   | 92       |
| 49) 1,4-Dioxane               | 9.465  | 88   | 15782    | 418.857 | ug/l # | 93       |
| 51) 4-Methyl-2-Pentanone      | 10.209 | 43   | 463463   | 110.929 | ug/l   | 98       |
| 52) Toluene                   | 10.392 | 92   | 254072   | 22.253  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.605 | 75   | 130012   | 20.576  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.075 | 75   | 156258   | 21.384  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.788 | 97   | 84716    | 22.960  | ug/l   | 94       |
| 56) Ethyl methacrylate        | 10.648 | 69   | 111303   | 19.660  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.934 | 76   | 146966   | 22.301  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.929  | 63   | 333644   | 110.663 | ug/l   | 98       |
| 59) 2-Hexanone                | 10.971 | 43   | 330314   | 108.059 | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.130 | 129  | 88485    | 21.474  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.233 | 107  | 79967    | 22.252  | ug/l   | 97       |
| 64) Tetrachloroethene         | 10.867 | 164  | 75359    | 21.706  | ug/l   | 89       |
| 65) Chlorobenzene             | 11.654 | 112  | 281368   | 22.267  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.727 | 131  | 87063    | 22.263  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.727 | 91   | 464579   | 21.248  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.837 | 106  | 365948   | 44.577  | ug/l   | 98       |
| 69) o-Xylene                  | 12.166 | 106  | 166845   | 21.226  | ug/l   | 95       |
| 70) Styrene                   | 12.178 | 104  | 299435   | 22.145  | ug/l   | 99       |
| 71) Bromoform                 | 12.349 | 173  | 46452    | 20.054  | ug/l   | 99       |
| 73) Isopropylbenzene          | 12.465 | 105  | 420213   | 20.095  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.270 | 43   | 140188   | 19.293  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.709 | 83   | 107423   | 21.646  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.763 | 75   | 132212   | 33.866  | ug/l   | 33       |
| 77) Bromobenzene              | 12.745 | 156  | 94233    | 19.033  | ug/l   | 85       |
| 78) n-propylbenzene           | 12.800 | 91   | 552294   | 21.688  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.885 | 91   | 323954   | 20.839  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 367651   | 21.311  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.507 | 75   | 33550    | 19.684  | ug/l   | 93       |
| 82) 4-Chlorotoluene           | 12.989 | 91   | 344250   | 21.291  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.202 | 119  | 295827   | 19.713  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 369146   | 21.038  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.379 | 105  | 459287   | 20.550  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.495 | 119  | 375143   | 20.329  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.495 | 146  | 212071   | 22.592  | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene       | 13.574 | 146  | 200917   | 20.892  | ug/l   | 96       |
| 89) n-Butylbenzene            | 13.818 | 91   | 368517   | 20.441  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.086 | 117  | 66117    | 19.872  | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene       | 13.867 | 146  | 173767   | 20.166  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.476 | 75   | 17721    | 20.728  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.129 | 180  | 111116   | 20.263  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.226 | 225  | 40873    | 17.944  | ug/l   | 86       |
| 95) Naphthalene               | 15.360 | 128  | 246463   | 18.024  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.549 | 180  | 100996   | 20.287  | ug/l   | 94       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW112025\  
Data File : VW032513.D  
Acq On : 20 Nov 2025 10:31  
Operator : SY/MD  
Sample : VW1120SBS01  
Misc : 5.00g/5mL/MSVOA\_W/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

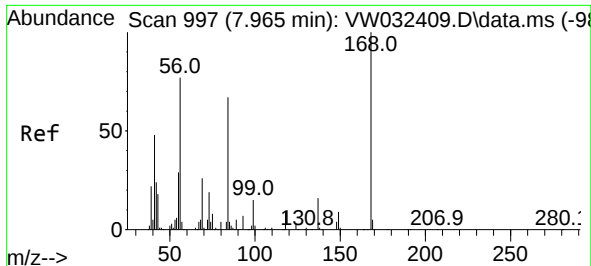
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W111025S.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 11 03:48:21 2025  
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W111025S.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 11 03:48:21 2025  
Response via : Initial Calibration

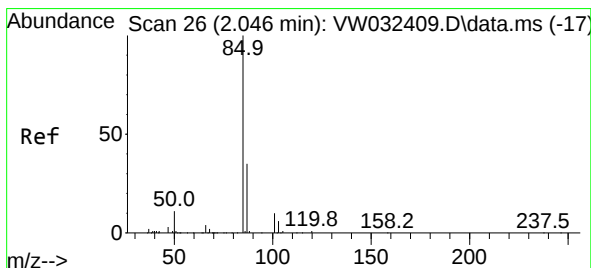
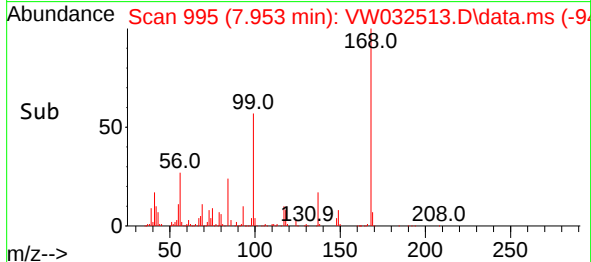
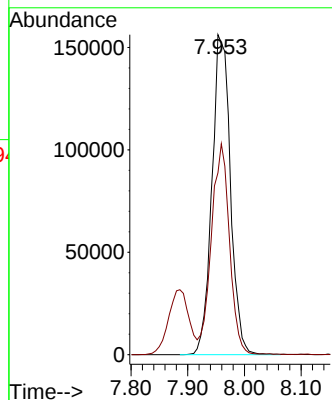
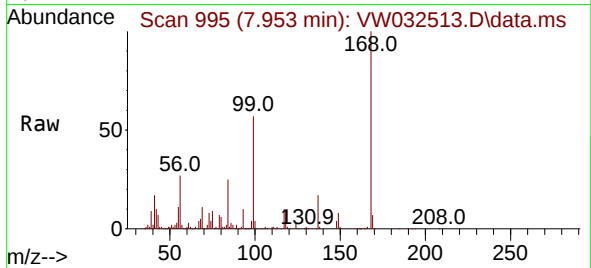




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.953 min Scan# 99  
Delta R.T. -0.012 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

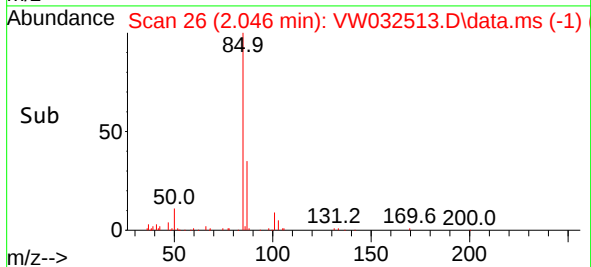
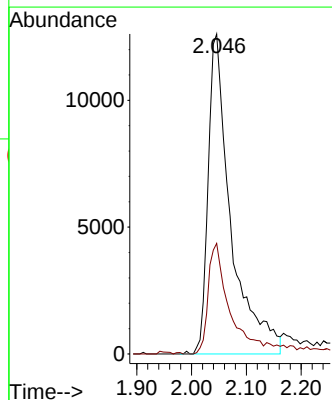
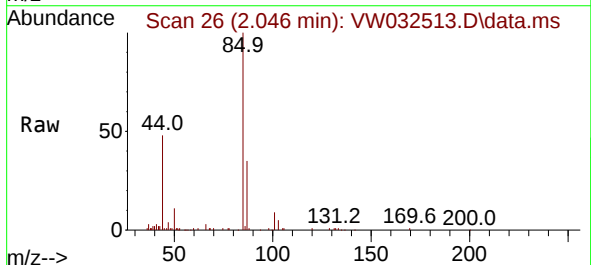
Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion:168 Resp: 353765  
Ion Ratio Lower Upper  
168 100  
99 56.7 45.4 68.2



#2  
Dichlorodifluoromethane  
Concen: 20.213 ug/l  
RT: 2.046 min Scan# 26  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

Tgt Ion: 85 Resp: 36280  
Ion Ratio Lower Upper  
85 100  
87 34.1 17.4 52.2

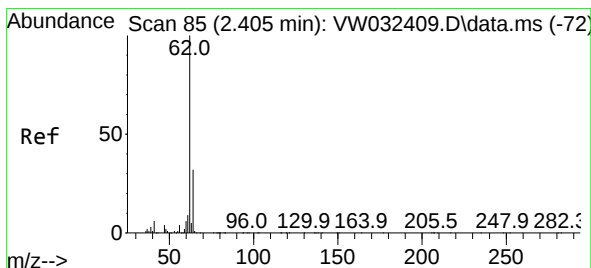
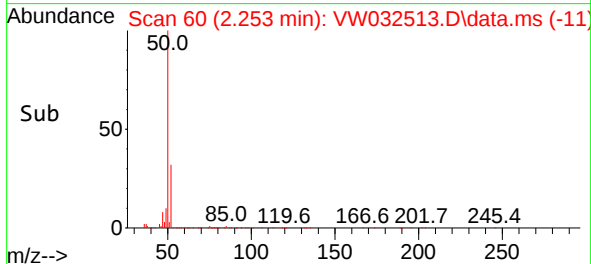
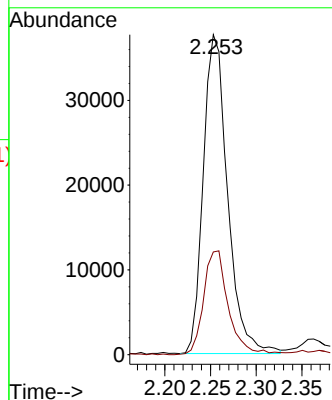
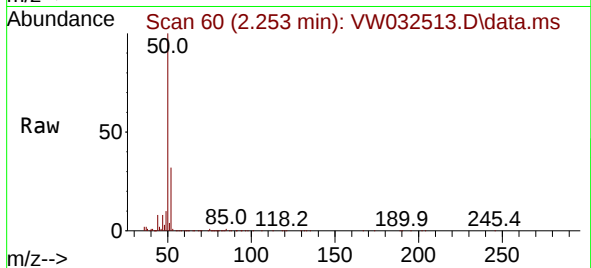




#3  
Chloromethane  
Concen: 22.583 ug/l  
RT: 2.253 min Scan# 60  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

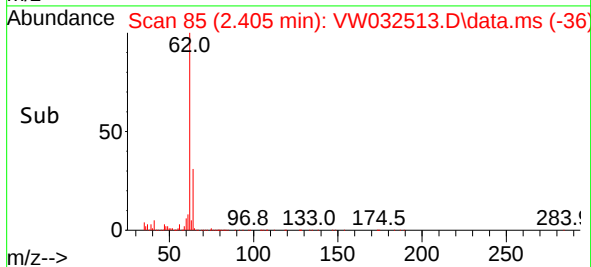
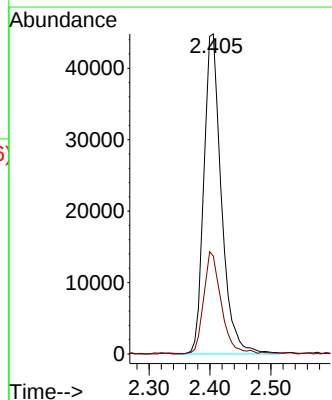
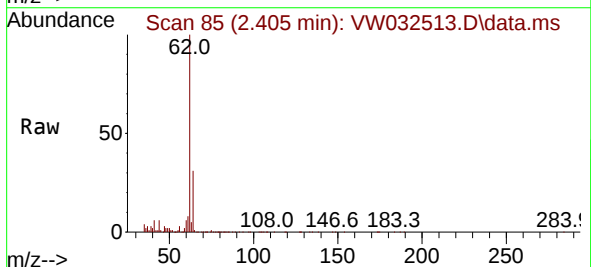
Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion: 50 Resp: 69477  
Ion Ratio Lower Upper  
50 100  
52 32.1 25.5 38.3



#4  
Vinyl Chloride  
Concen: 23.095 ug/l  
RT: 2.405 min Scan# 85  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

Tgt Ion: 62 Resp: 89672  
Ion Ratio Lower Upper  
62 100  
64 30.5 25.2 37.8

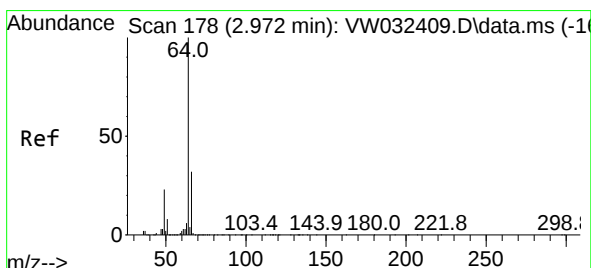
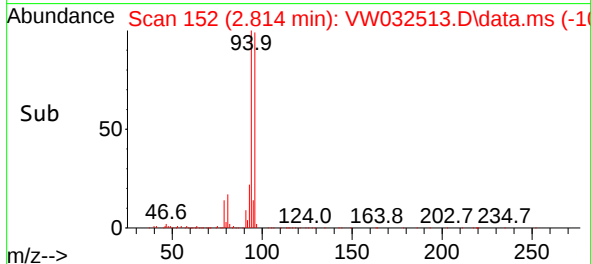
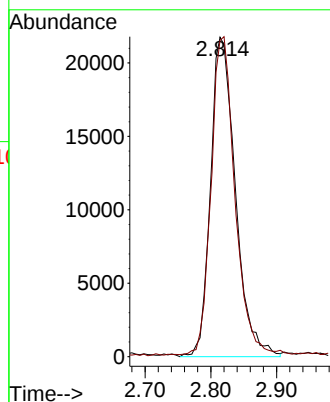
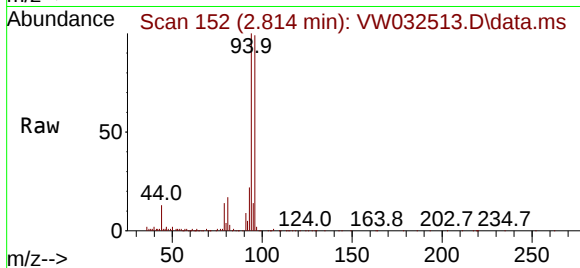




#5  
Bromomethane  
Concen: 22.078 ug/l  
RT: 2.814 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

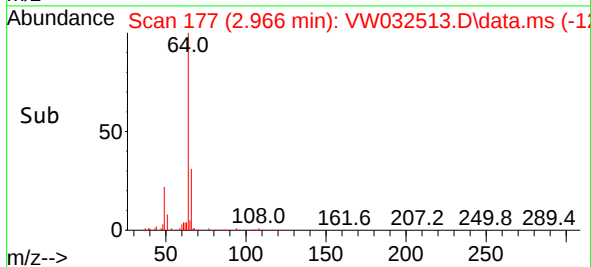
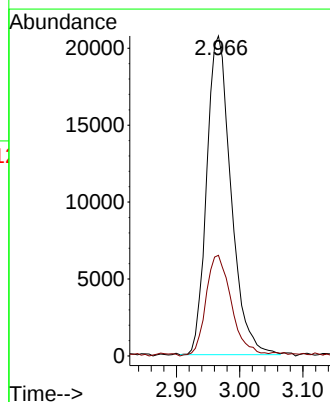
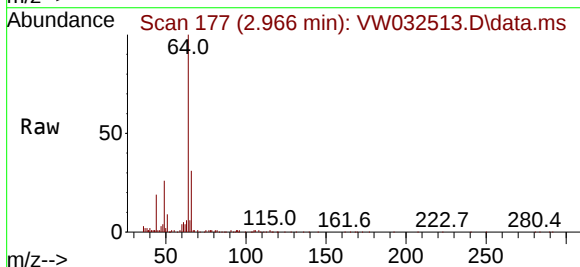
Instrument :  
MSVOA\_W  
ClientSampleId :

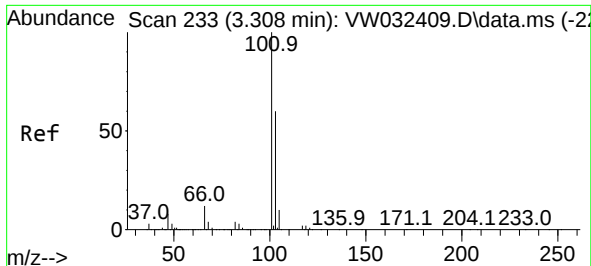
Tgt Ion: 94 Resp: 57341  
Ion Ratio Lower Upper  
94 100  
96 98.4 71.4 107.2



#6  
Chloroethane  
Concen: 21.796 ug/l  
RT: 2.966 min Scan# 177  
Delta R.T. -0.006 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

Tgt Ion: 64 Resp: 55368  
Ion Ratio Lower Upper  
64 100  
66 31.6 25.6 38.4

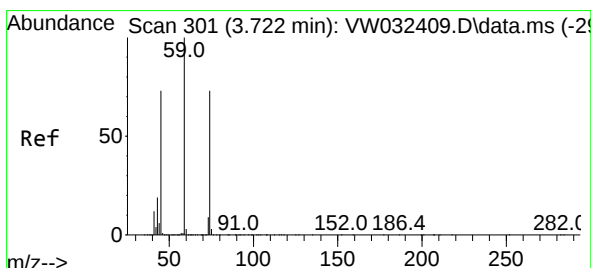
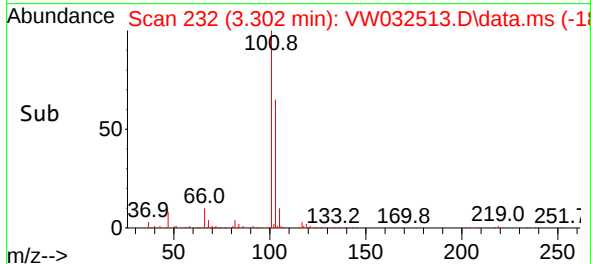
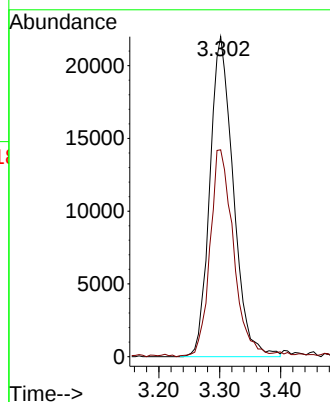
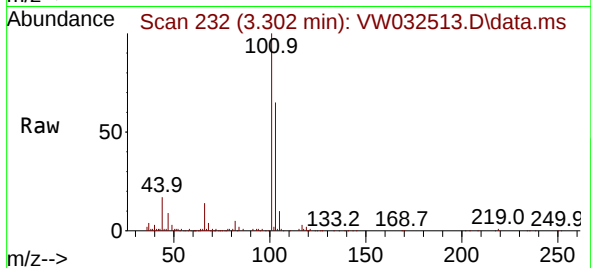




#7  
 Trichlorofluoromethane  
 Concen: 19.327 ug/l  
 RT: 3.302 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: VW032513.D  
 Acq: 20 Nov 2025 10:31

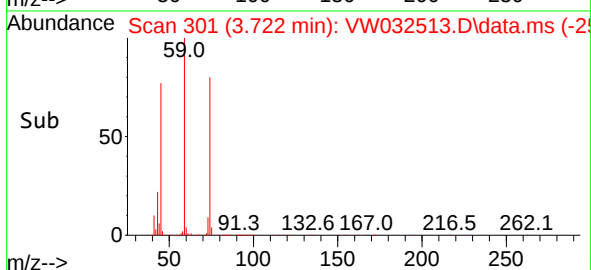
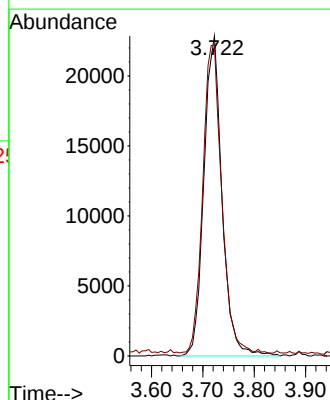
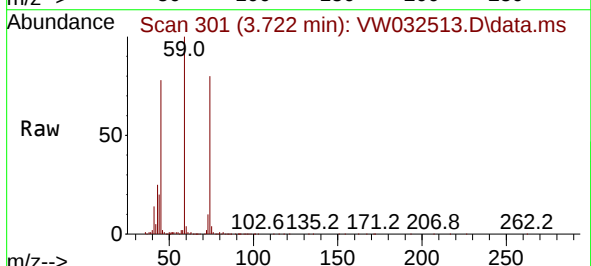
Instrument :  
 MSVOA\_W  
 ClientSampleId :

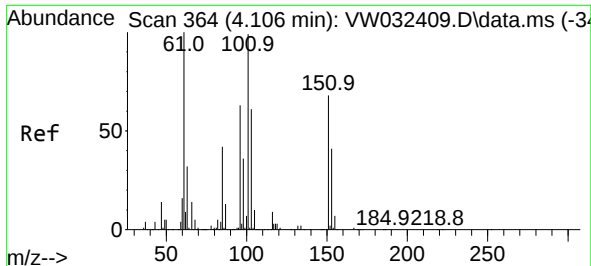
Tgt Ion:101 Resp: 58835  
 Ion Ratio Lower Upper  
 101 100  
 103 64.3 48.0 72.0



#8  
 Diethyl Ether  
 Concen: 22.543 ug/l  
 RT: 3.722 min Scan# 301  
 Delta R.T. 0.000 min  
 Lab File: VW032513.D  
 Acq: 20 Nov 2025 10:31

Tgt Ion: 74 Resp: 56107  
 Ion Ratio Lower Upper  
 74 100  
 45 99.8 51.8 155.4

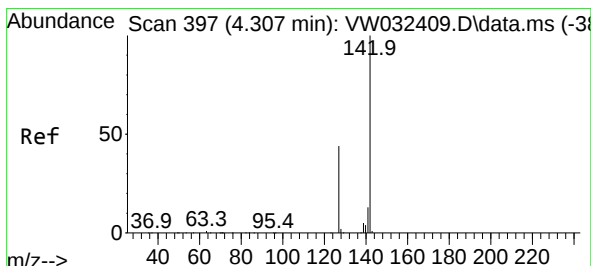
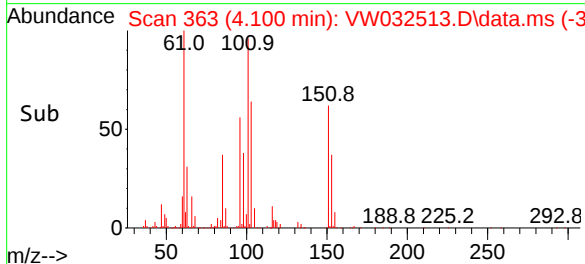
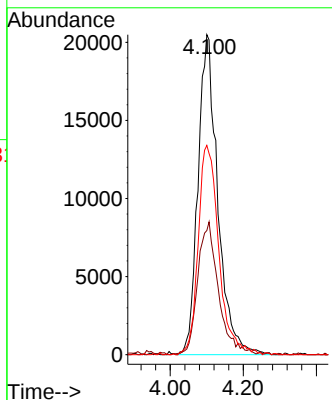
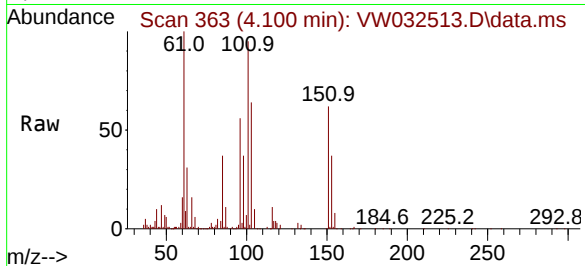




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 23.206 ug/l  
RT: 4.100 min Scan# 30  
Delta R.T. -0.006 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

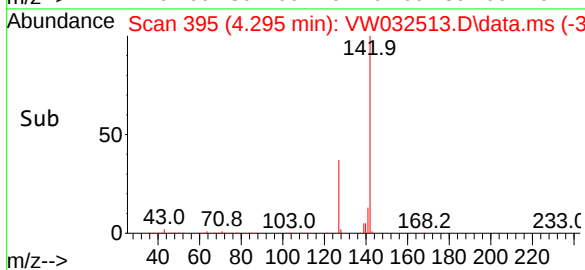
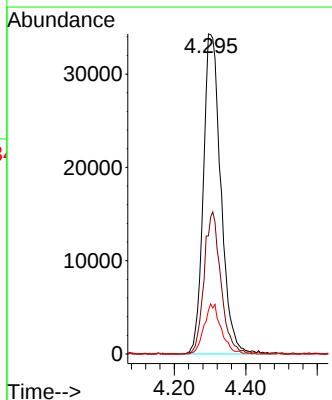
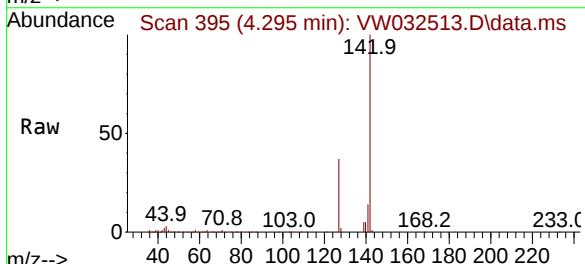
Instrument :  
MSVOA\_W  
ClientSampleId :

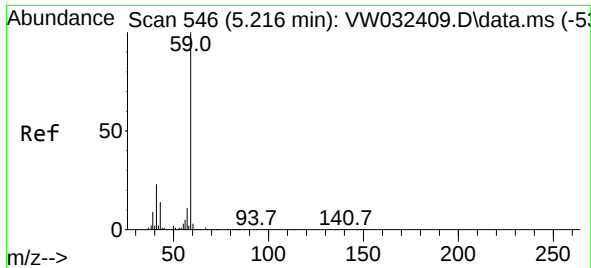
Tgt Ion:101 Resp: 76953  
Ion Ratio Lower Upper  
101 100  
85 43.5 34.1 51.1  
151 68.2 56.4 84.6



#10  
Methyl Iodide  
Concen: 21.856 ug/l  
RT: 4.295 min Scan# 395  
Delta R.T. -0.012 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

Tgt Ion:142 Resp: 116731  
Ion Ratio Lower Upper  
142 100  
127 42.7 34.2 51.2  
141 15.2 11.8 17.8

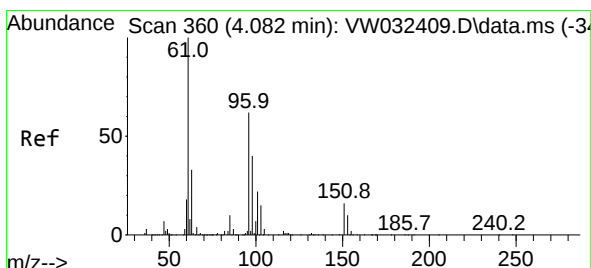
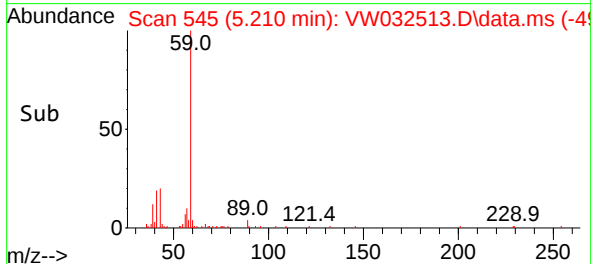
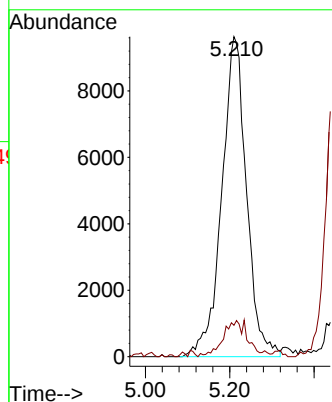
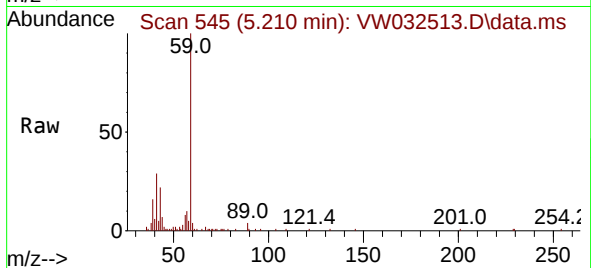




#11  
Tert butyl alcohol  
Concen: 99.369 ug/l  
RT: 5.210 min Scan# 546  
Delta R.T. -0.006 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

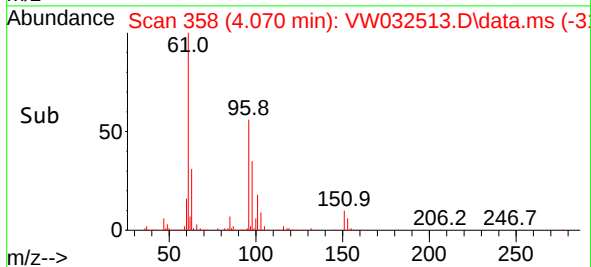
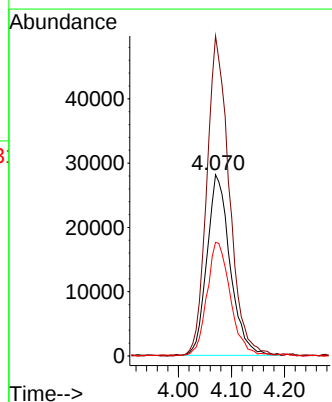
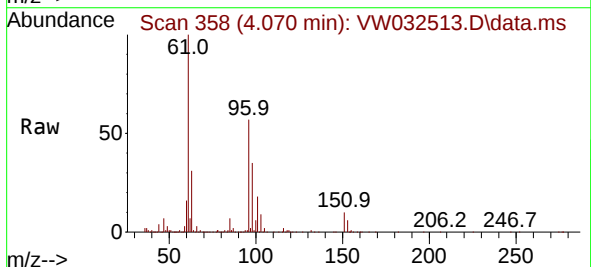
Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion: 59 Resp: 39189  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.6 12.8#



#12  
1,1-Dichloroethene  
Concen: 22.354 ug/l  
RT: 4.070 min Scan# 358  
Delta R.T. -0.012 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

Tgt Ion: 96 Resp: 84998  
Ion Ratio Lower Upper  
96 100  
61 176.8 129.0 193.6  
98 62.4 51.1 76.7

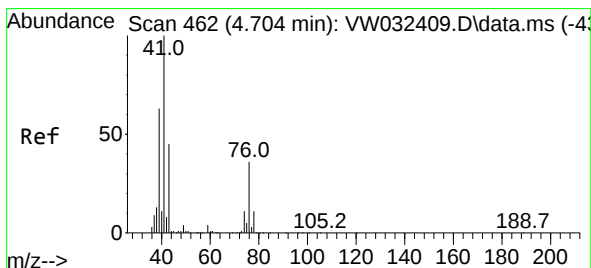
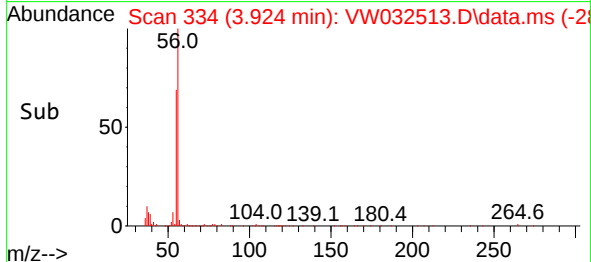
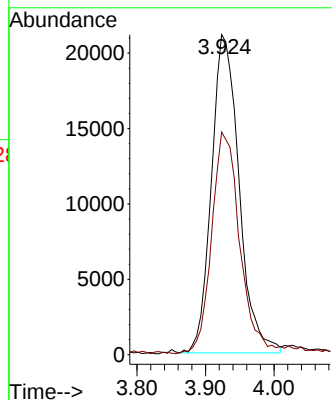
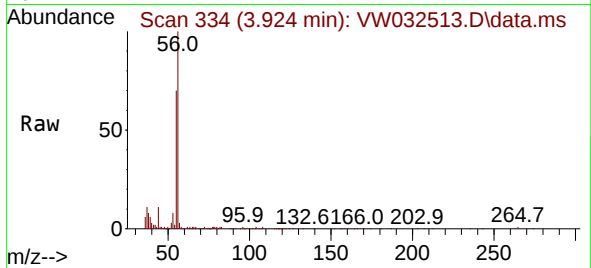




#13  
Acrolein  
Concen: 89.329 ug/l  
RT: 3.924 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

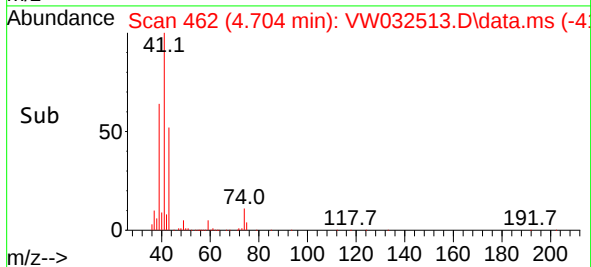
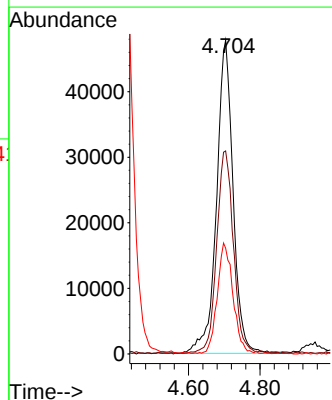
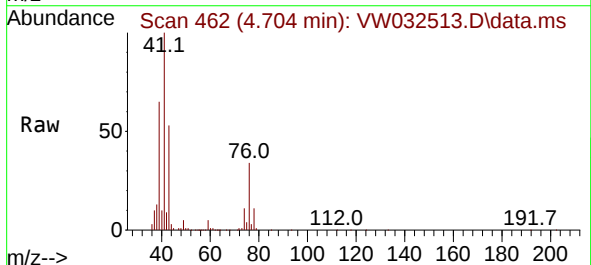
Instrument :  
MSVOA\_W  
ClientSampleId :

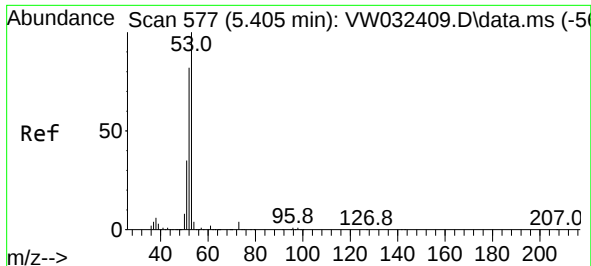
Tgt Ion: 56 Resp: 59108  
Ion Ratio Lower Upper  
56 100  
55 72.7 56.3 84.5



#14  
Allyl chloride  
Concen: 20.997 ug/l  
RT: 4.704 min Scan# 462  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

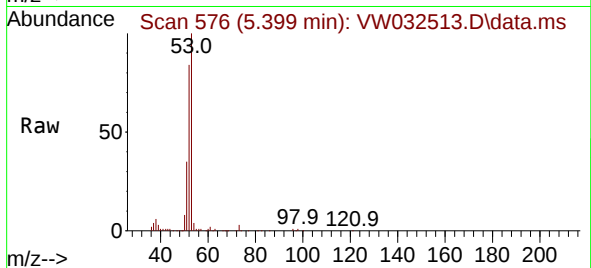
Tgt Ion: 41 Resp: 153539  
Ion Ratio Lower Upper  
41 100  
39 66.0 50.2 75.2  
76 33.2 27.0 40.6





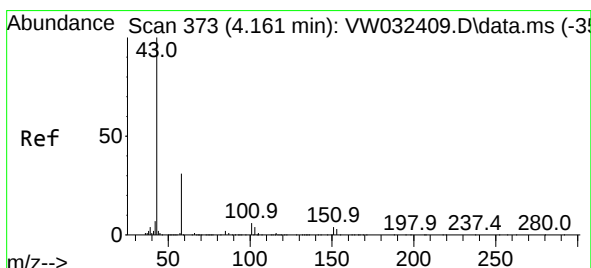
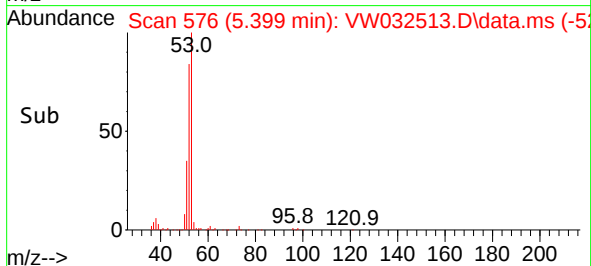
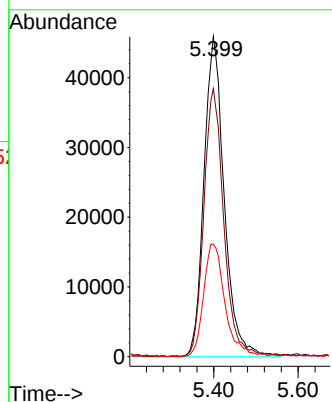
#15  
Acrylonitrile  
Concen: 106.627 ug/l  
RT: 5.399 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

Instrument :  
MSVOA\_W  
ClientSampleId :



Tgt Ion: 53 Resp: 153439

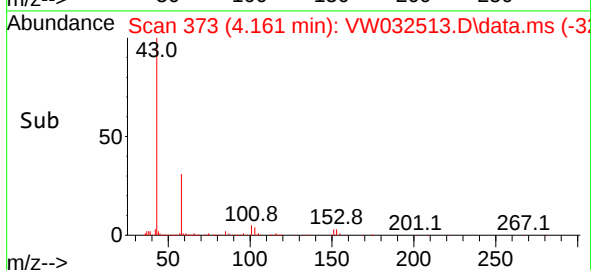
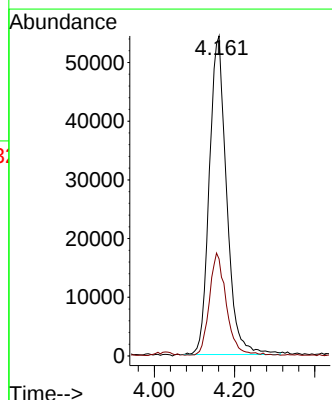
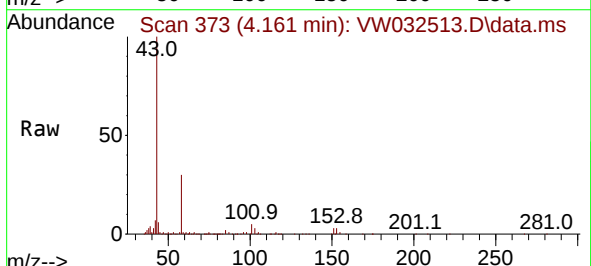
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 82.1  | 66.4  | 99.6  |
| 51  | 37.3  | 28.6  | 43.0  |

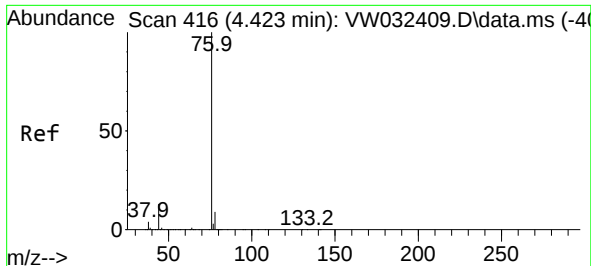


#16  
Acetone  
Concen: 119.236 ug/l  
RT: 4.161 min Scan# 373  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

Tgt Ion: 43 Resp: 162698

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 30.1  | 24.8  | 37.2  |

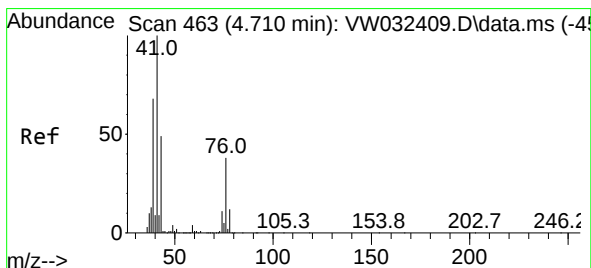
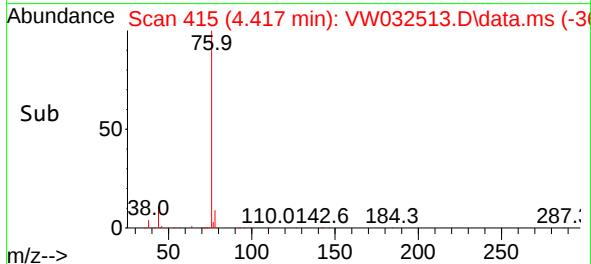
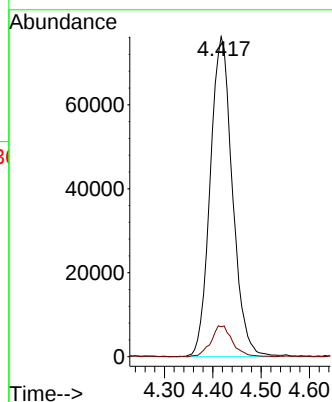
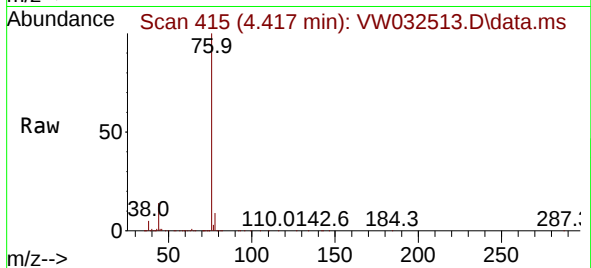




#17  
Carbon Disulfide  
Concen: 21.644 ug/l  
RT: 4.417 min Scan# 415  
Delta R.T. -0.006 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

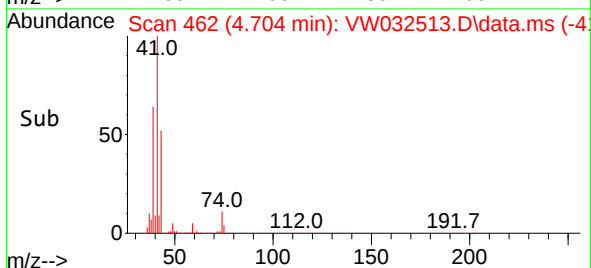
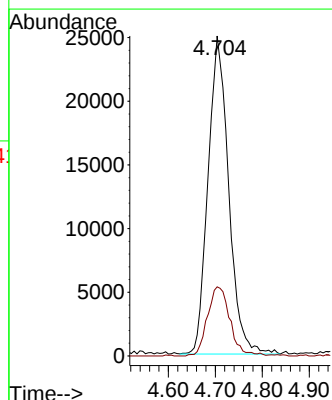
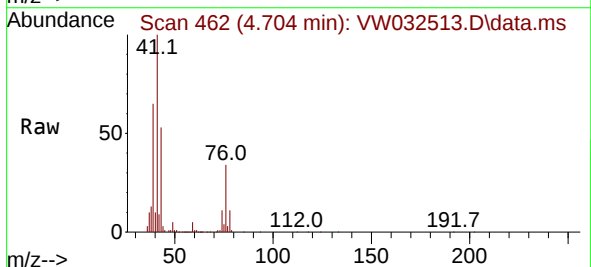
Instrument :  
MSVOA\_W  
ClientSampleId :

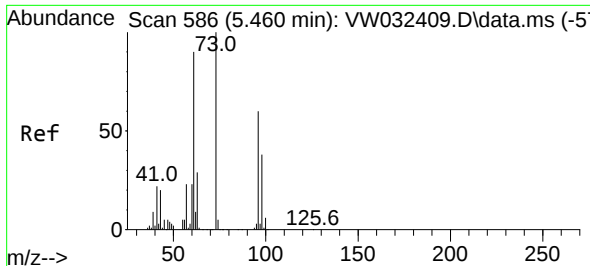
Tgt Ion: 76 Resp: 243244  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.6 11.4



#18  
Methyl Acetate  
Concen: 22.528 ug/l  
RT: 4.704 min Scan# 462  
Delta R.T. -0.006 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

Tgt Ion: 43 Resp: 76121  
Ion Ratio Lower Upper  
43 100  
74 23.7 18.9 28.3

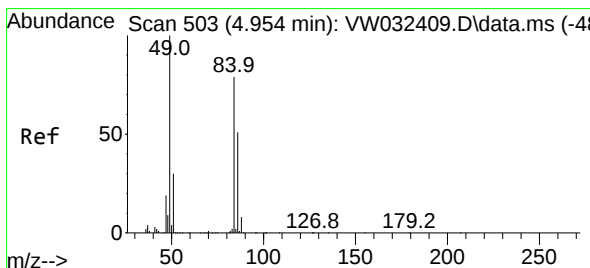
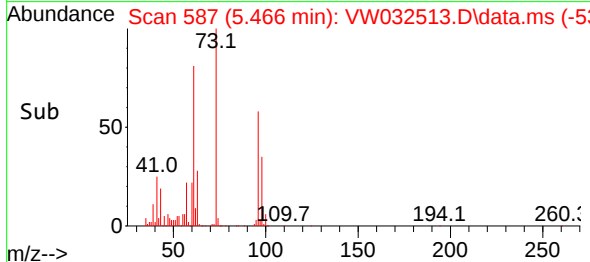
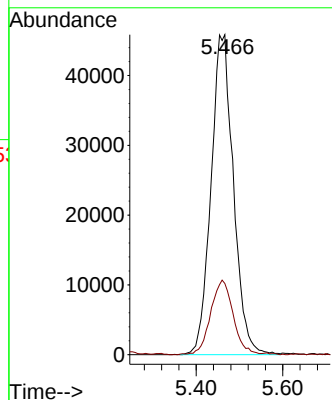
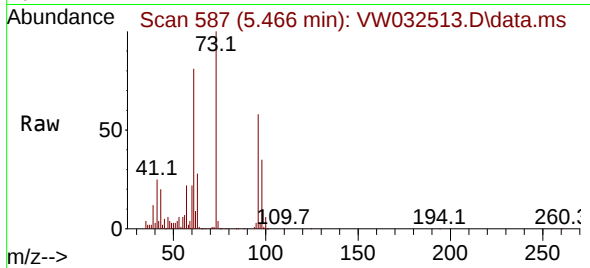




#19  
Methyl tert-butyl Ether  
Concen: 20.591 ug/l  
RT: 5.466 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

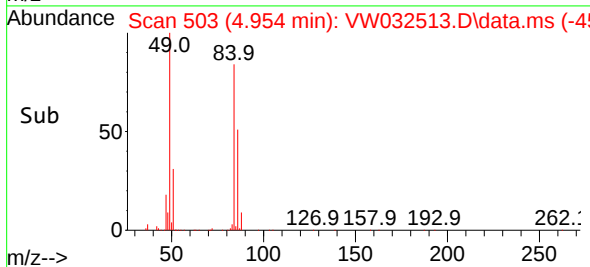
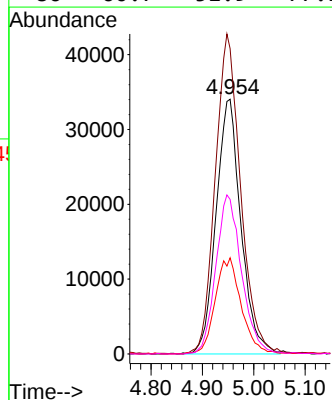
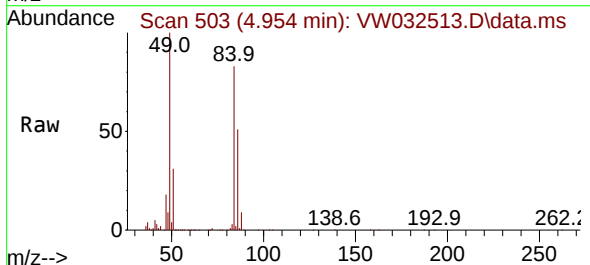
Instrument :  
MSVOA\_W  
ClientSampleId :

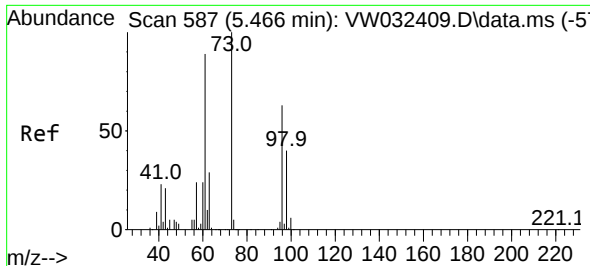
Tgt Ion: 73 Resp: 165045  
Ion Ratio Lower Upper  
73 100  
57 22.3 18.3 27.5



#20  
Methylene Chloride  
Concen: 23.481 ug/l  
RT: 4.954 min Scan# 503  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

Tgt Ion: 84 Resp: 114582  
Ion Ratio Lower Upper  
84 100  
49 119.7 101.5 152.3  
51 37.7 30.6 46.0  
86 60.7 51.9 77.9

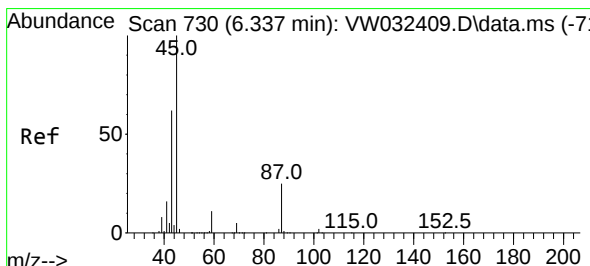
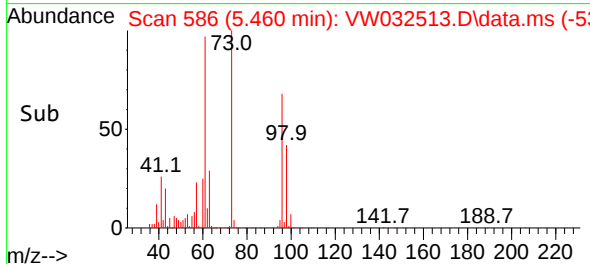
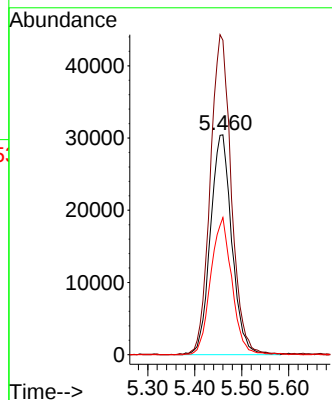
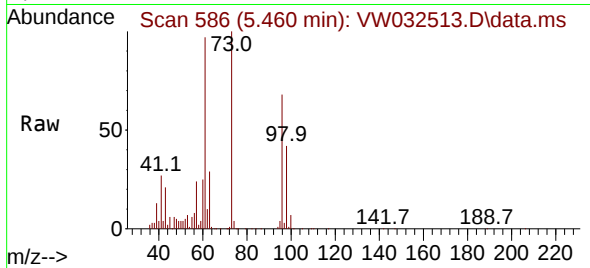




#21  
trans-1,2-Dichloroethene  
Concen: 22.157 ug/l  
RT: 5.460 min Scan# 587  
Delta R.T. -0.006 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

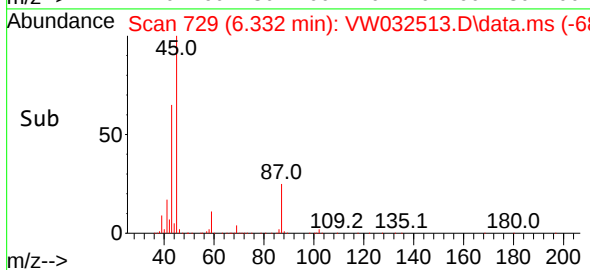
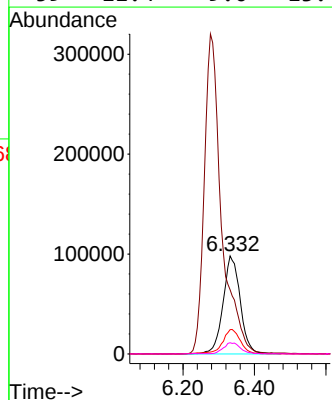
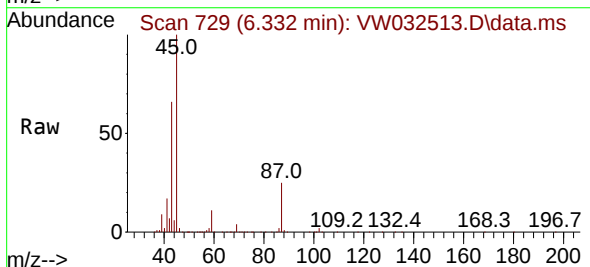
Instrument :  
MSVOA\_W  
ClientSampleId :

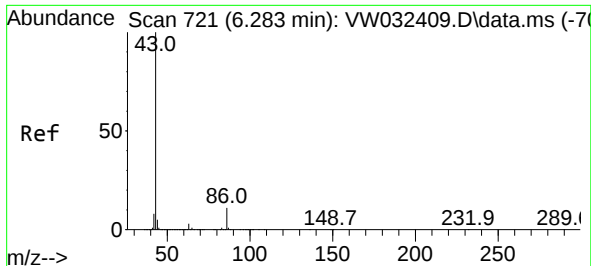
Tgt Ion: 96 Resp: 96335  
Ion Ratio Lower Upper  
96 100  
61 142.6 112.5 168.7  
98 62.4 51.1 76.7



#22  
Diisopropyl ether  
Concen: 22.022 ug/l  
RT: 6.332 min Scan# 729  
Delta R.T. -0.006 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

Tgt Ion: 45 Resp: 327872  
Ion Ratio Lower Upper  
45 100  
43 65.4 49.4 74.2  
87 24.8 20.1 30.1  
59 11.4 9.0 13.4

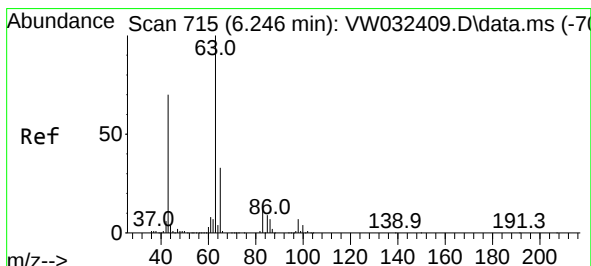
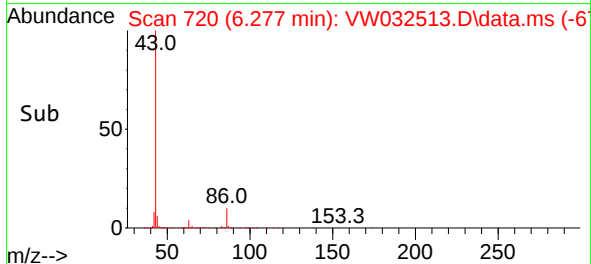
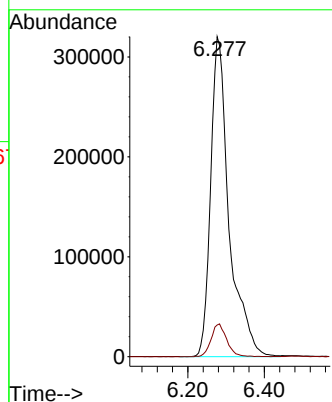
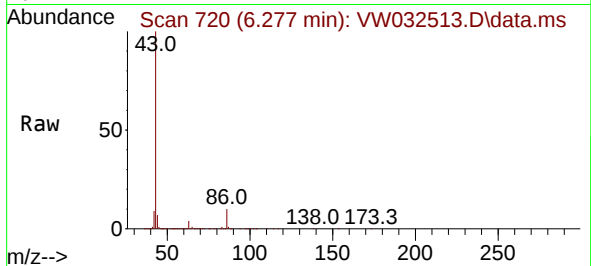




#23  
 Vinyl Acetate  
 Concen: 104.864 ug/l  
 RT: 6.277 min Scan# 714  
 Delta R.T. -0.006 min  
 Lab File: VW032513.D  
 Acq: 20 Nov 2025 10:31

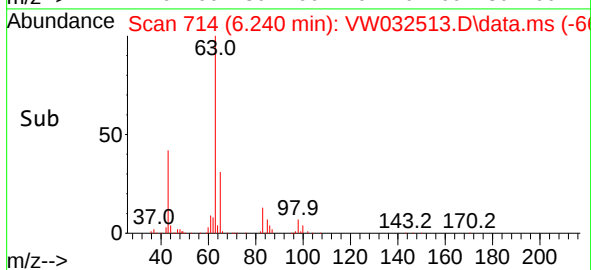
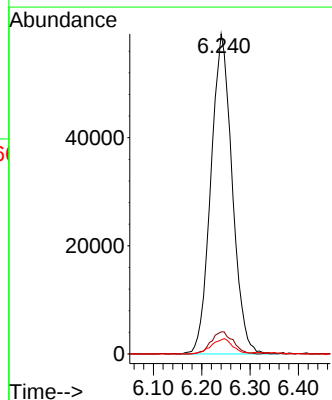
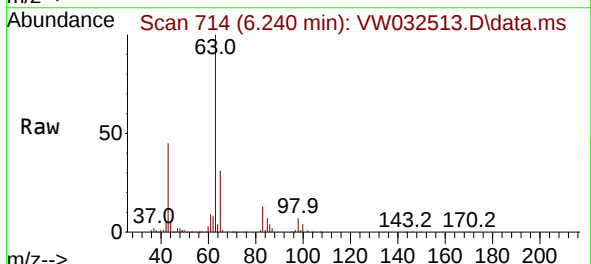
Instrument :  
 MSVOA\_W  
 ClientSampleId :

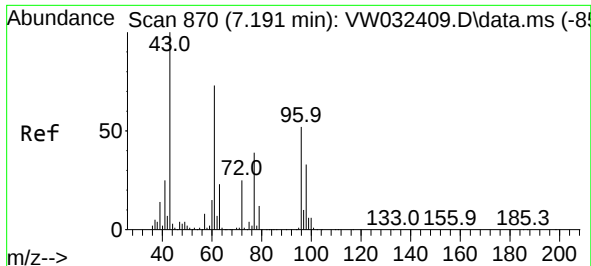
Tgt Ion: 43 Resp: 1069655  
 Ion Ratio Lower Upper  
 43 100  
 86 9.9 8.6 12.8



#24  
 1,1-Dichloroethane  
 Concen: 22.236 ug/l  
 RT: 6.240 min Scan# 714  
 Delta R.T. -0.006 min  
 Lab File: VW032513.D  
 Acq: 20 Nov 2025 10:31

Tgt Ion: 63 Resp: 181380  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 3.6 10.8  
 100 4.4 2.3 6.8

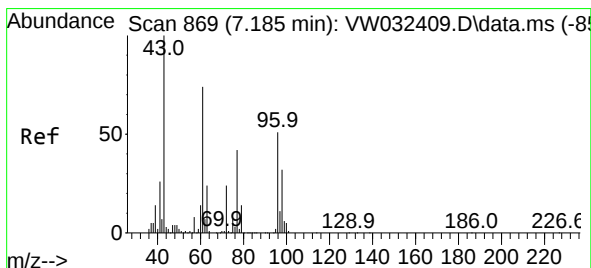
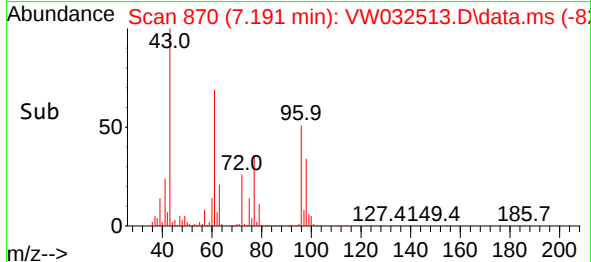
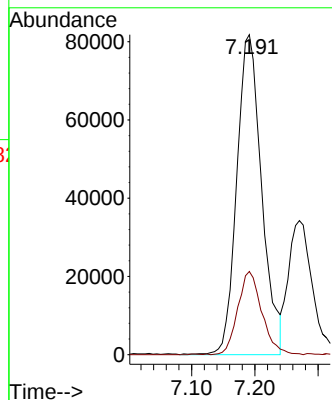
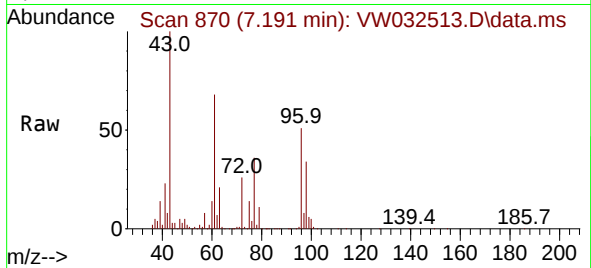




#25  
2-Butanone  
Concen: 111.448 ug/l  
RT: 7.191 min Scan# 870  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

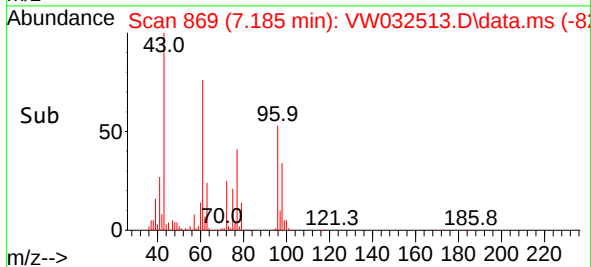
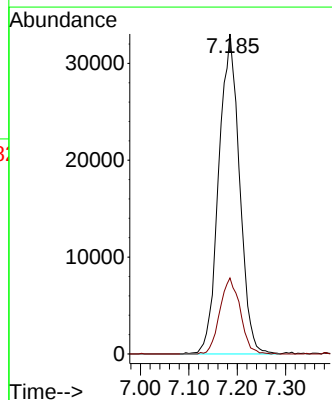
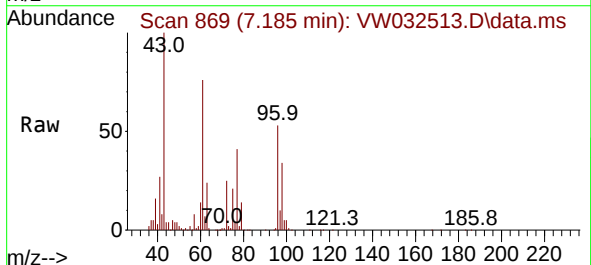
Instrument :  
MSVOA\_W  
ClientSampleId :

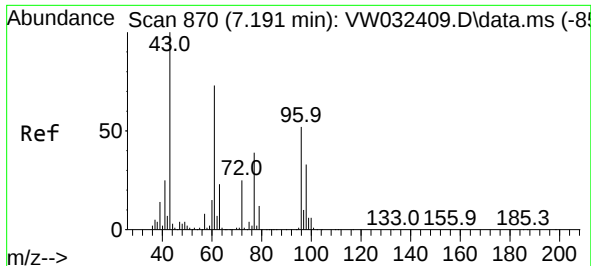
Tgt Ion: 43 Resp: 224038  
Ion Ratio Lower Upper  
43 100  
72 26.0 20.0 30.0



#26  
2,2-Dichloropropane  
Concen: 21.656 ug/l  
RT: 7.185 min Scan# 869  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

Tgt Ion: 77 Resp: 98449  
Ion Ratio Lower Upper  
77 100  
97 23.3 12.3 36.8





#27

cis-1,2-Dichloroethene

Concen: 21.610 ug/l

RT: 7.185 min Scan# 8

Delta R.T. -0.006 min

Lab File: VW032513.D

Acq: 20 Nov 2025 10:31

Instrument :

MSVOA\_W

ClientSampleId :

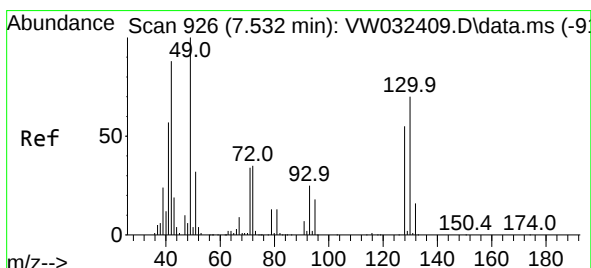
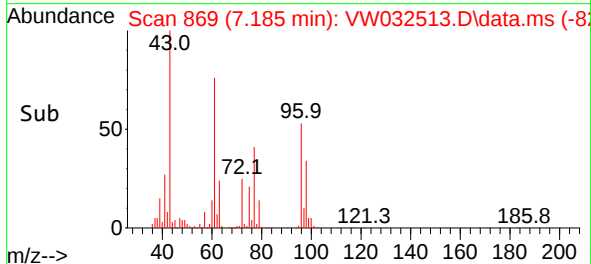
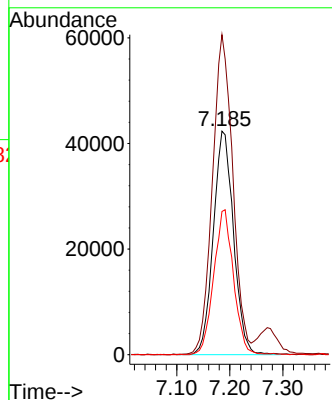
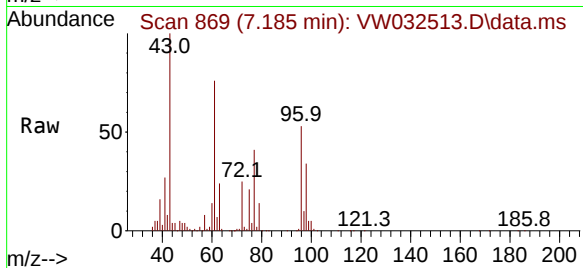
Tgt Ion: 96 Resp: 112269

Ion Ratio Lower Upper

96 100

61 144.4 0.0 282.6

98 63.2 0.0 128.6



#28

Bromochloromethane

Concen: 22.627 ug/l

RT: 7.527 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW032513.D

Acq: 20 Nov 2025 10:31

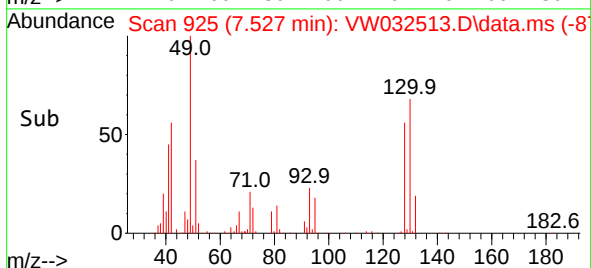
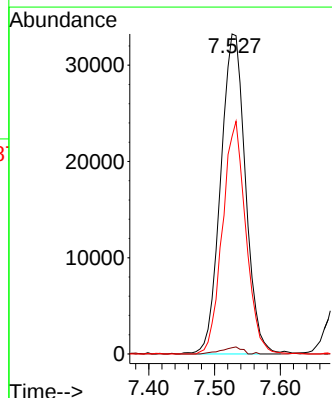
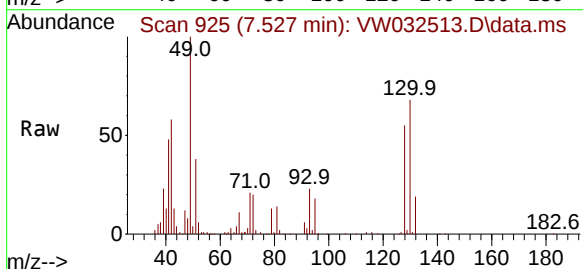
Tgt Ion: 49 Resp: 87234

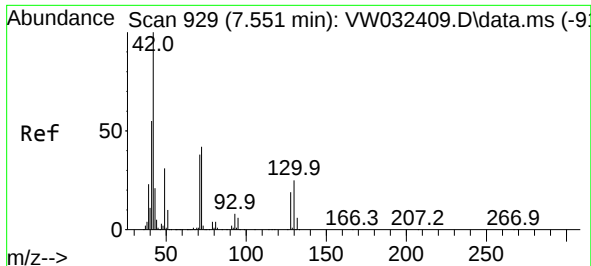
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 68.4 56.9 85.3





#29

Tetrahydrofuran

Concen: 104.731 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032513.D

Acq: 20 Nov 2025 10:31

Instrument :

MSVOA\_W

ClientSampleId :

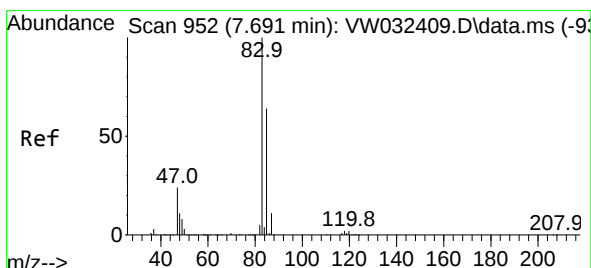
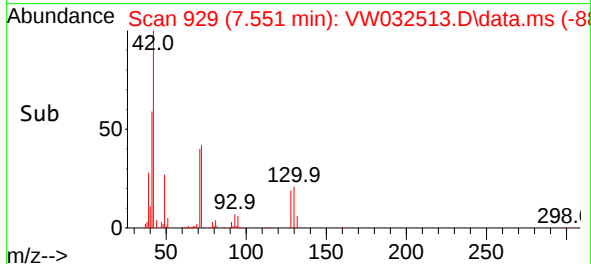
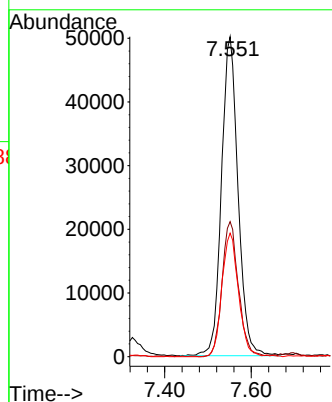
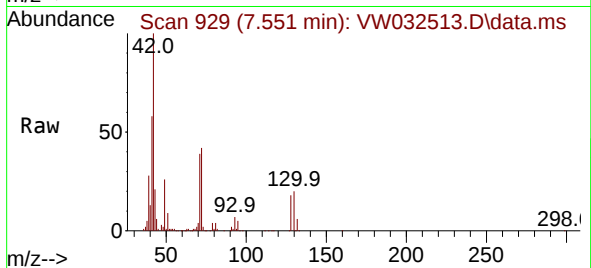
Tgt Ion: 42 Resp: 133628

Ion Ratio Lower Upper

42 100

72 41.8 33.6 50.4

71 38.7 31.4 47.0



#30

Chloroform

Concen: 22.977 ug/l

RT: 7.685 min Scan# 951

Delta R.T. -0.006 min

Lab File: VW032513.D

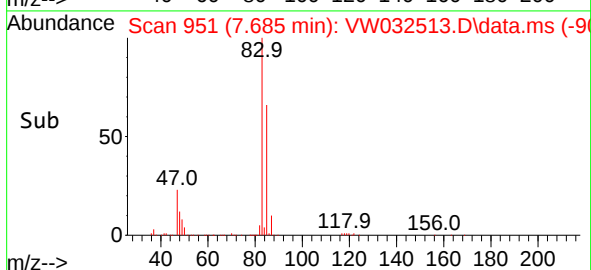
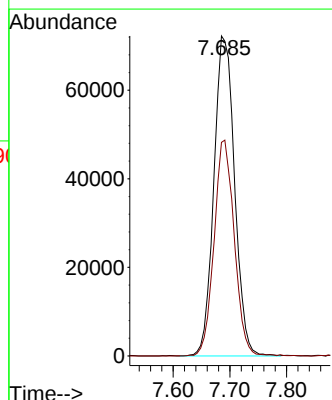
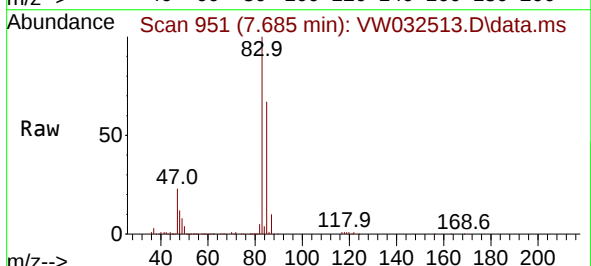
Acq: 20 Nov 2025 10:31

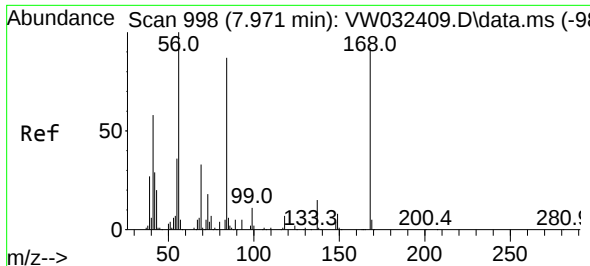
Tgt Ion: 83 Resp: 183475

Ion Ratio Lower Upper

83 100

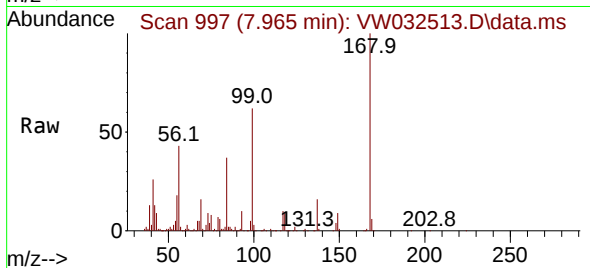
85 66.7 51.0 76.4



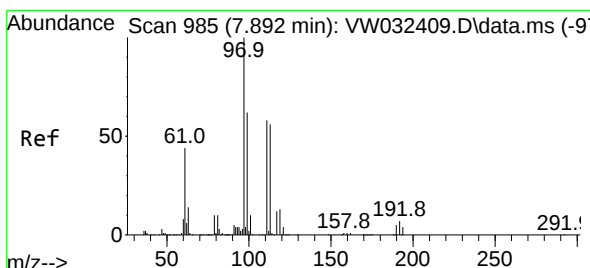
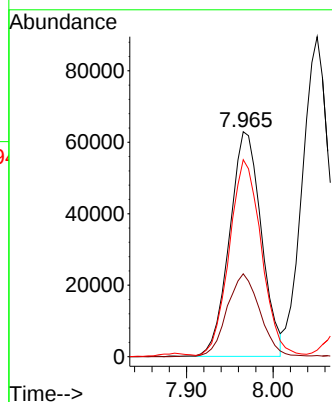
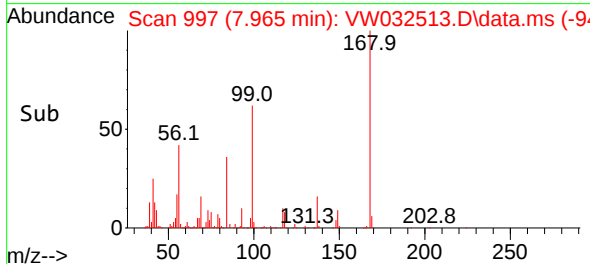


#31  
Cyclohexane  
Concen: 21.270 ug/l  
RT: 7.965 min Scan# 998  
Delta R.T. -0.006 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

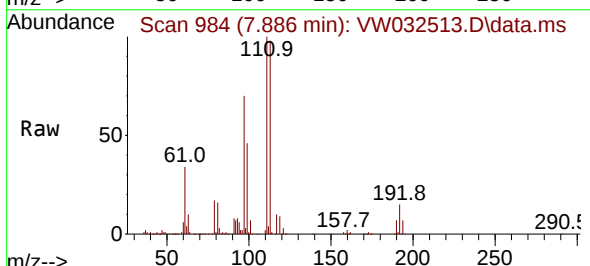
Instrument :  
MSVOA\_W  
ClientSampleId :



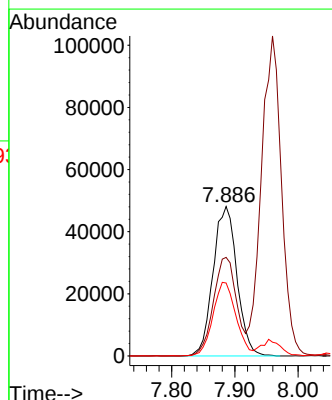
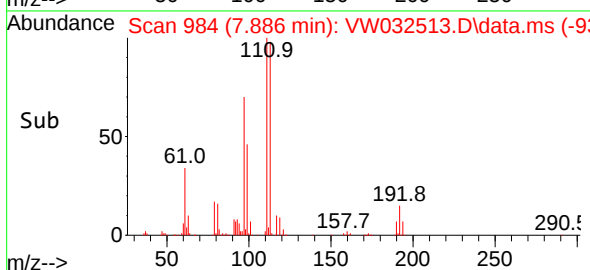
Tgt Ion: 56 Resp: 160492  
Ion Ratio Lower Upper  
56 100  
69 36.8 26.5 39.7  
84 86.2 69.6 104.4

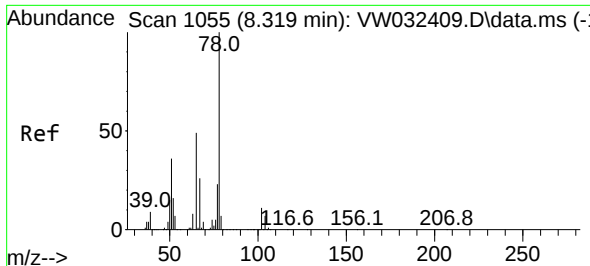


#32  
1,1,1-Trichloroethane  
Concen: 22.037 ug/l  
RT: 7.886 min Scan# 984  
Delta R.T. -0.006 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31



Tgt Ion: 97 Resp: 125706  
Ion Ratio Lower Upper  
97 100  
99 64.0 51.8 77.8  
61 47.8 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 51.860 ug/l

RT: 8.313 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VW032513.D

Acq: 20 Nov 2025 10:31

Instrument :

MSVOA\_W

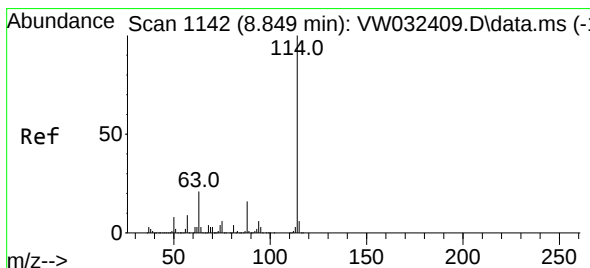
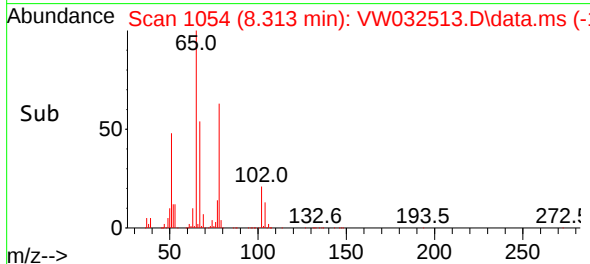
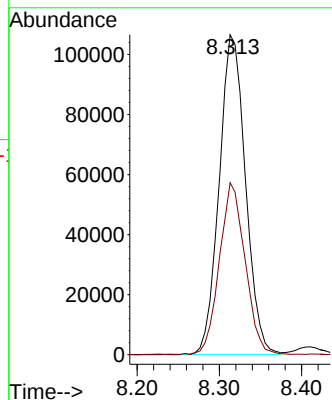
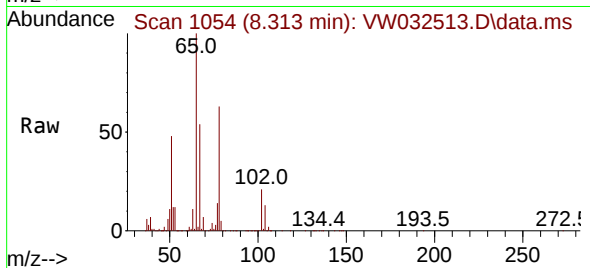
ClientSampleId :

Tgt Ion: 65 Resp: 236526

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. 0.000 min

Lab File: VW032513.D

Acq: 20 Nov 2025 10:31

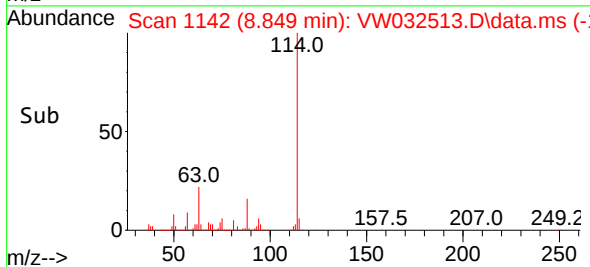
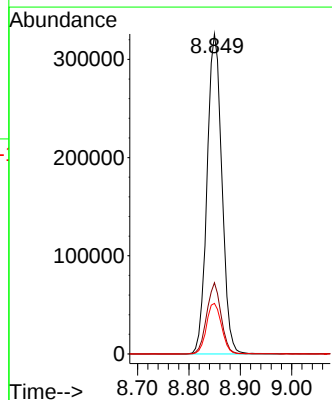
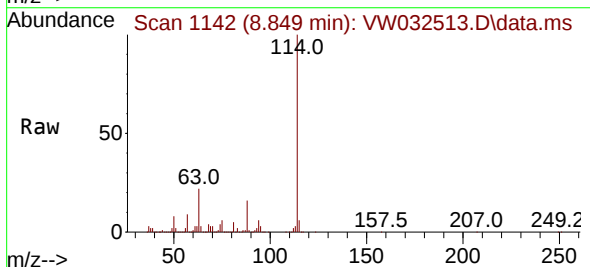
Tgt Ion: 114 Resp: 650665

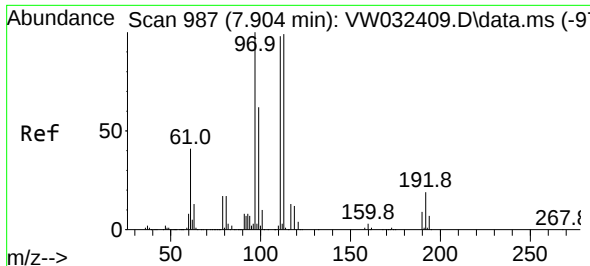
Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.8

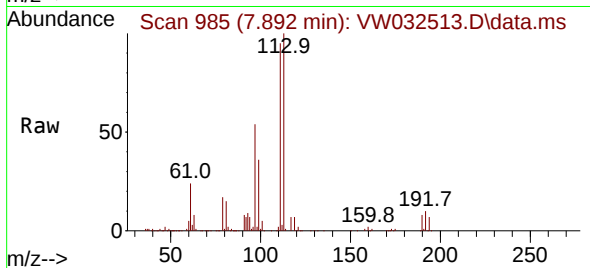
88 15.8 0.0 32.6



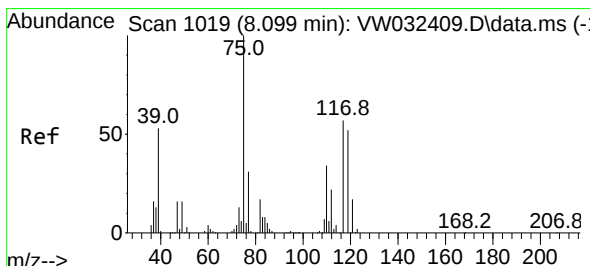
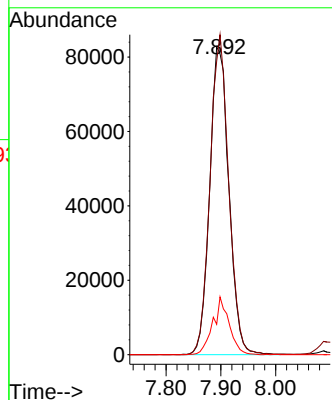
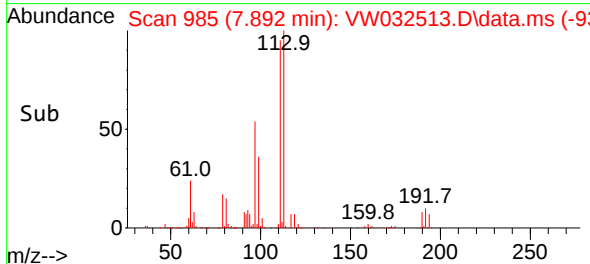


#35  
Dibromofluoromethane  
Concen: 51.669 ug/l  
RT: 7.892 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

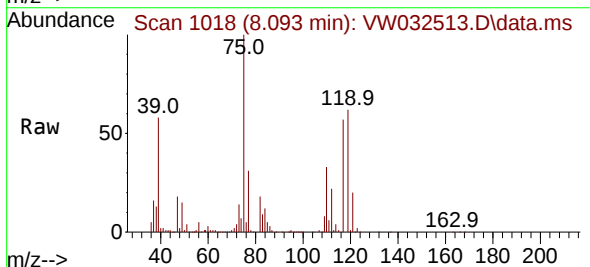
Instrument :  
MSVOA\_W  
ClientSampleId :



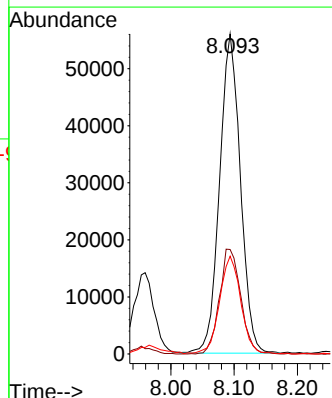
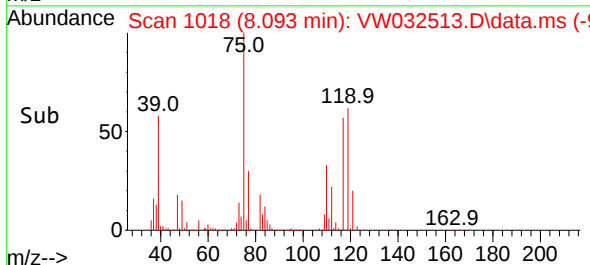
Tgt Ion:113 Resp: 201286  
Ion Ratio Lower Upper  
113 100  
111 101.3 83.1 124.7  
192 16.0 13.4 20.2

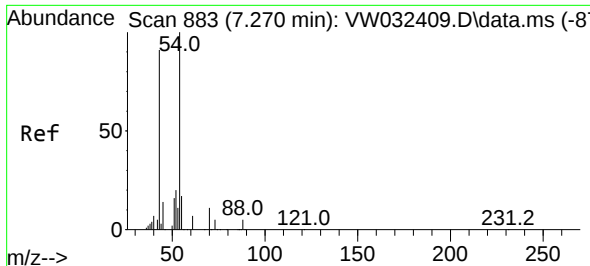


#36  
1,1-Dichloropropene  
Concen: 22.212 ug/l  
RT: 8.093 min Scan# 1018  
Delta R.T. -0.006 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31



Tgt Ion: 75 Resp: 127495  
Ion Ratio Lower Upper  
75 100  
110 33.7 17.2 51.5  
77 31.4 24.5 36.7





#37

Ethyl Acetate

Concen: 21.364 ug/l

RT: 7.270 min Scan# 883

Delta R.T. 0.000 min

Lab File: VW032513.D

Acq: 20 Nov 2025 10:31

Instrument :

MSVOA\_W

ClientSampleId :

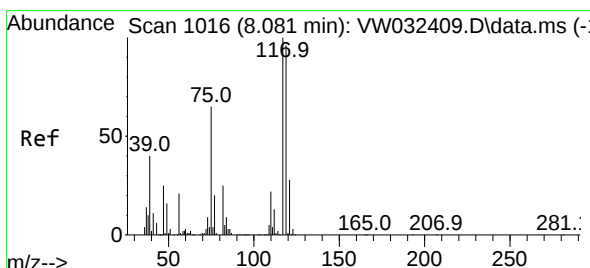
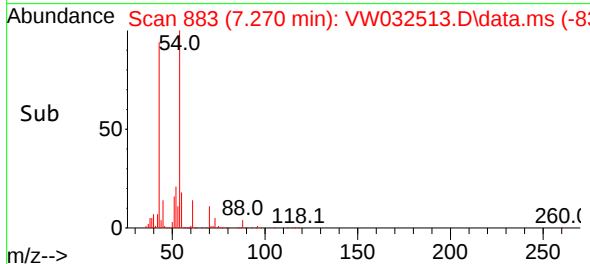
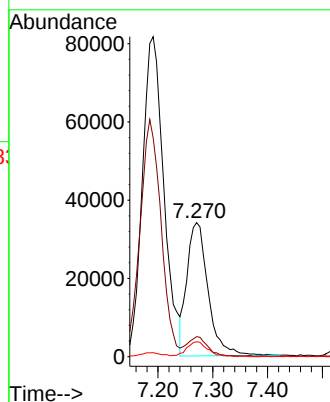
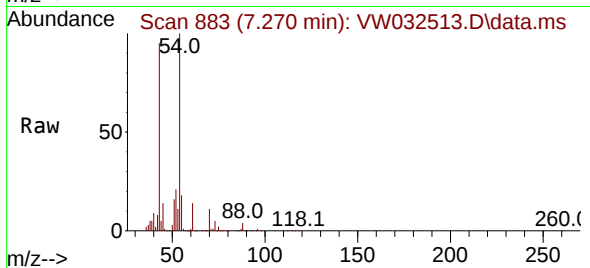
Tgt Ion: 43 Resp: 91187

Ion Ratio Lower Upper

43 100

61 14.1 11.0 16.6

70 11.3 8.3 12.5



#38

Carbon Tetrachloride

Concen: 22.529 ug/l

RT: 8.075 min Scan# 1015

Delta R.T. -0.006 min

Lab File: VW032513.D

Acq: 20 Nov 2025 10:31

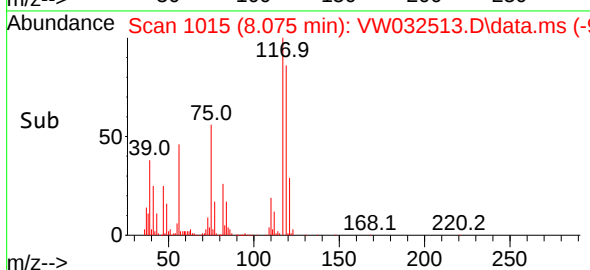
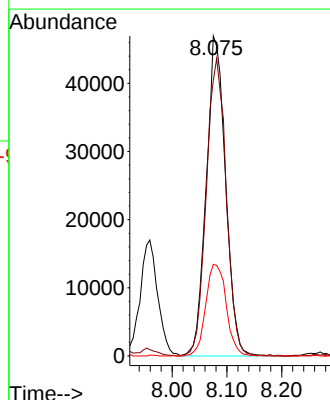
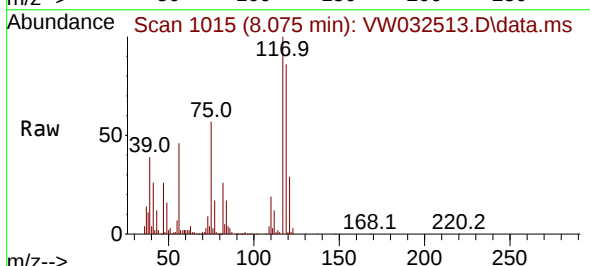
Tgt Ion: 117 Resp: 114900

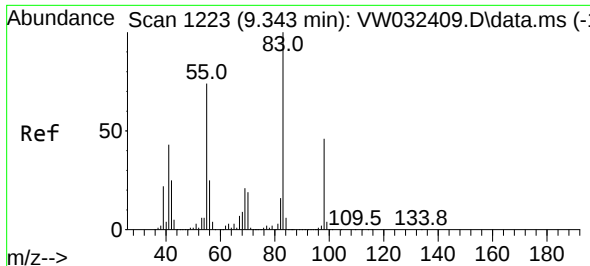
Ion Ratio Lower Upper

117 100

119 86.1 77.0 115.4

121 28.6 22.0 33.0

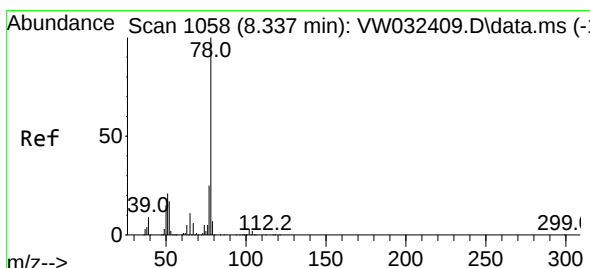
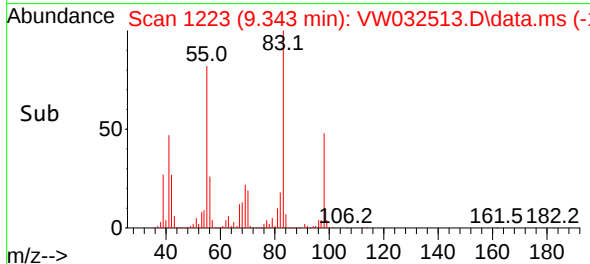
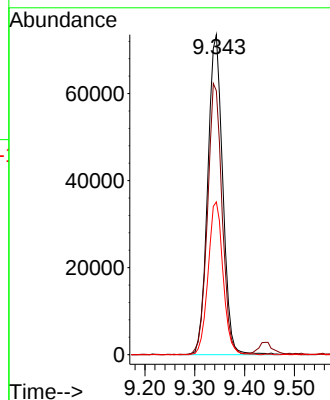
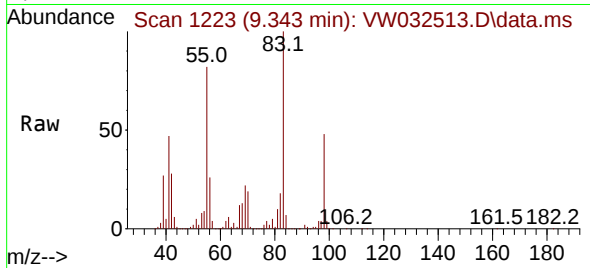




#39  
Methylcyclohexane  
Concen: 20.655 ug/l  
RT: 9.343 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

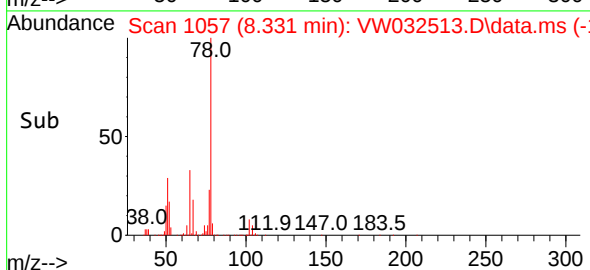
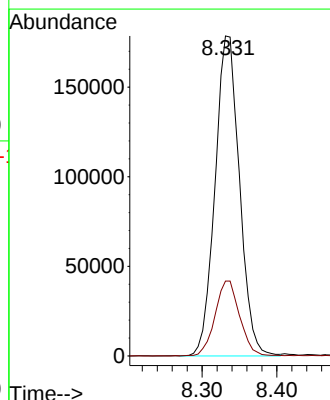
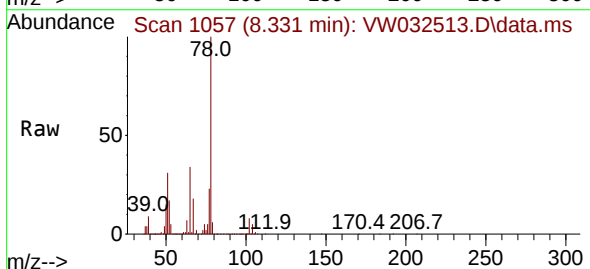
Instrument :  
MSVOA\_W  
ClientSampleId :

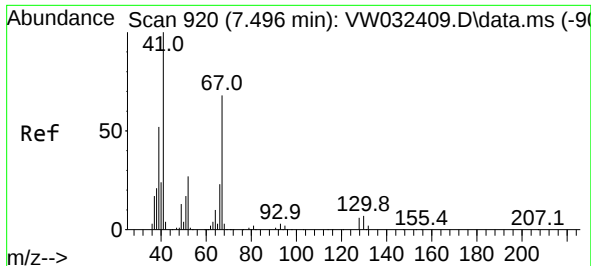
Tgt Ion: 83 Resp: 153586  
Ion Ratio Lower Upper  
83 100  
55 82.3 59.2 88.8  
98 47.8 36.6 54.8



#40  
Benzene  
Concen: 21.951 ug/l  
RT: 8.331 min Scan# 1057  
Delta R.T. -0.006 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

Tgt Ion: 78 Resp: 405747  
Ion Ratio Lower Upper  
78 100  
77 23.3 19.6 29.4

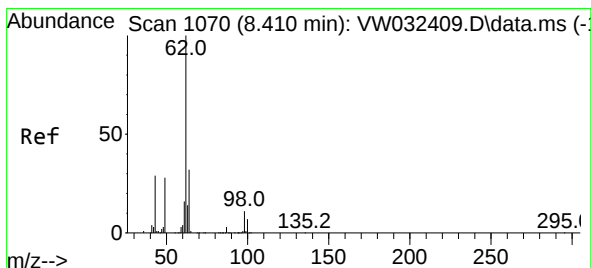
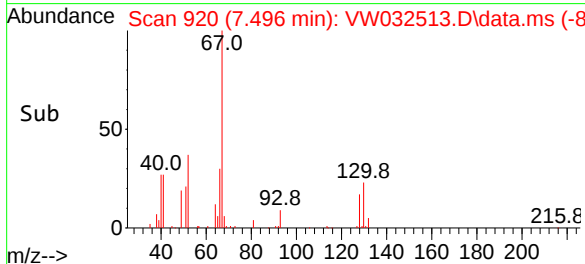
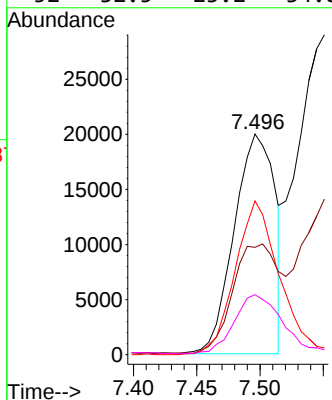
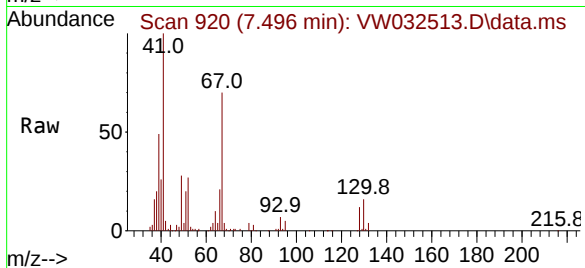




#41  
Methacrylonitrile  
Concen: 19.123 ug/l  
RT: 7.496 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

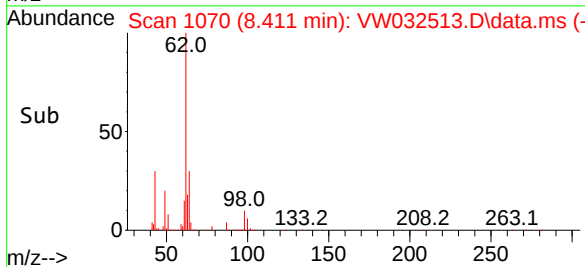
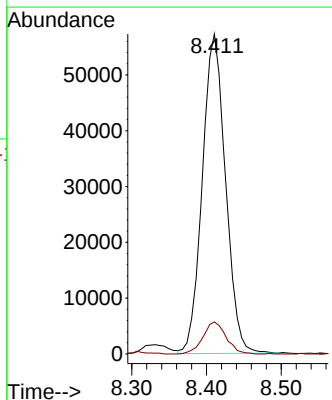
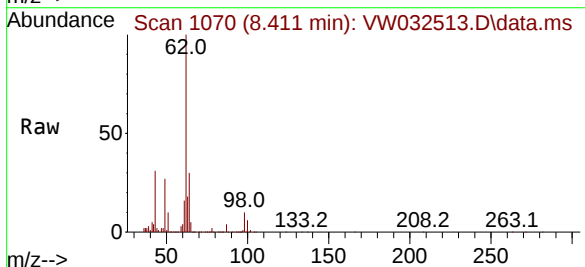
Instrument :  
MSVOA\_W  
ClientSampleId :

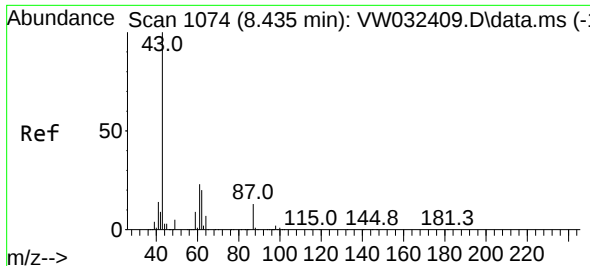
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 44836 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 58.2     | 44.6 66.8   |
| 67 77.1     | 57.6 86.4   |
| 52 32.5     | 23.2 34.8   |



#42  
1,2-Dichloroethane  
Concen: 22.735 ug/l  
RT: 8.411 min Scan# 1070  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

|             |              |
|-------------|--------------|
| Tgt Ion: 62 | Resp: 123438 |
| Ion Ratio   | Lower Upper  |
| 62 100      |              |
| 98 10.0     | 0.0 20.2     |

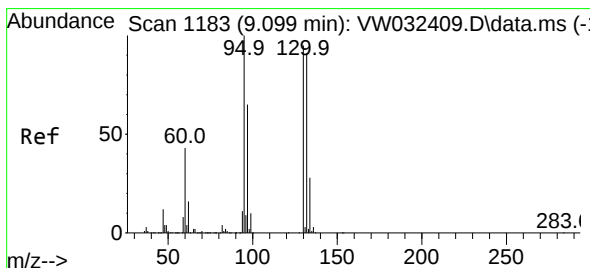
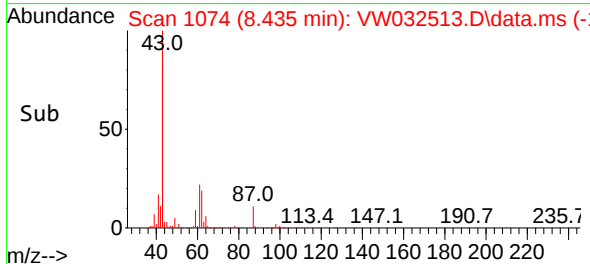
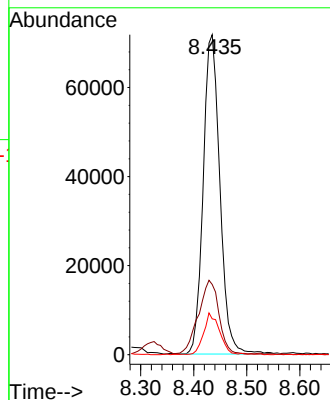
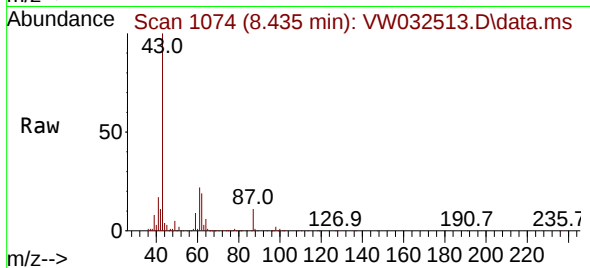




#43  
Isopropyl Acetate  
Concen: 20.739 ug/l  
RT: 8.435 min Scan# 1107  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

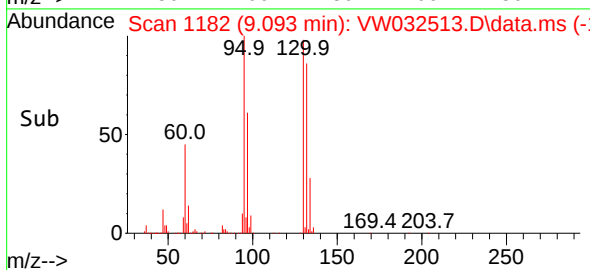
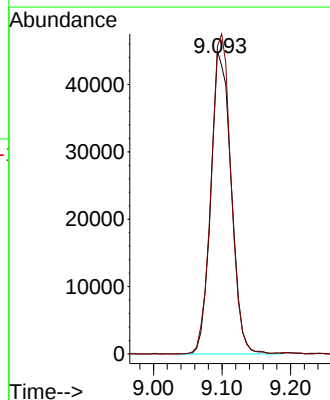
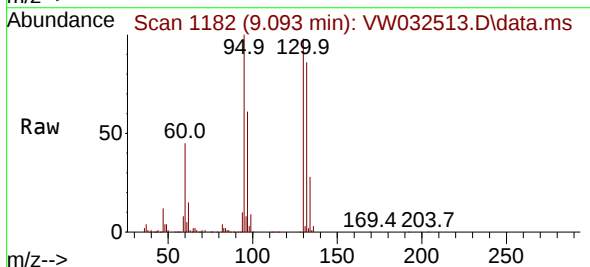
Instrument :  
MSVOA\_W  
ClientSampleId :

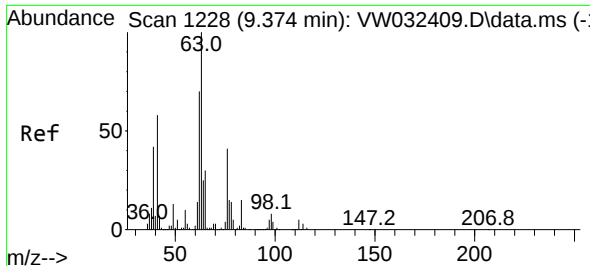
Tgt Ion: 43 Resp: 156738  
Ion Ratio Lower Upper  
43 100  
61 28.6 22.6 33.8  
87 12.6 10.6 15.8



#44  
Trichloroethene  
Concen: 21.499 ug/l  
RT: 9.093 min Scan# 1182  
Delta R.T. -0.006 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

Tgt Ion:130 Resp: 92474  
Ion Ratio Lower Upper  
130 100  
95 101.5 0.0 209.6

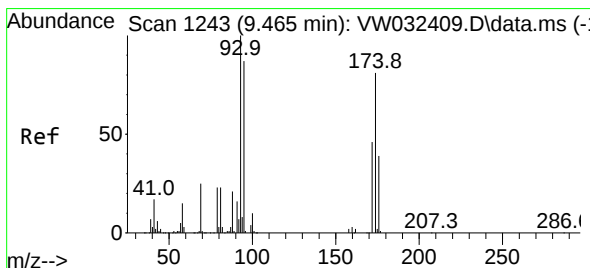
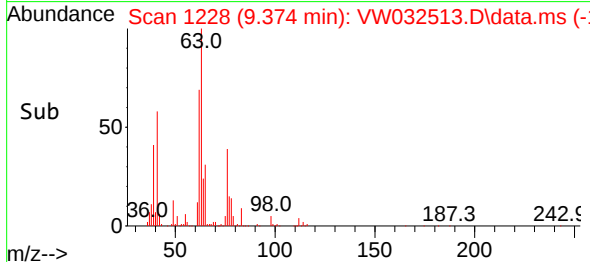
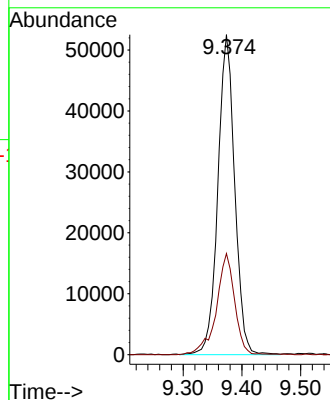
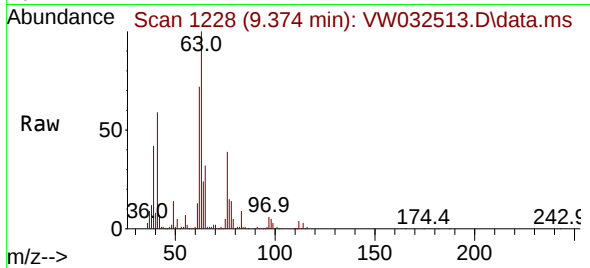




#45  
1,2-Dichloropropane  
Concen: 22.682 ug/l  
RT: 9.374 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

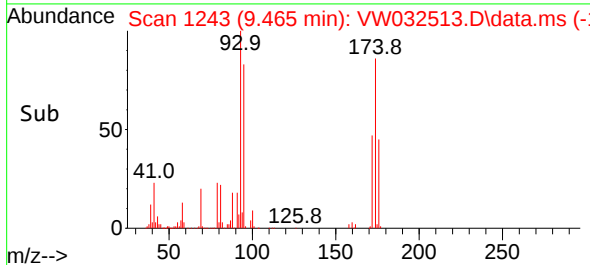
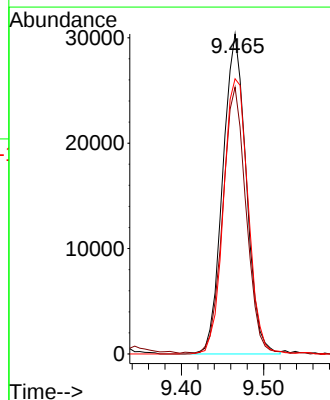
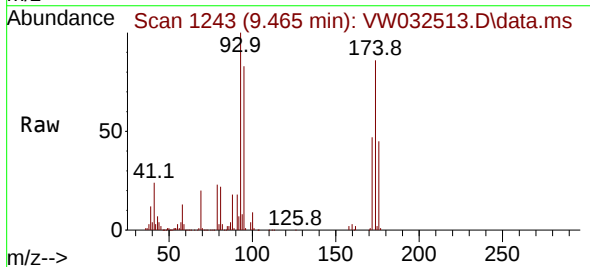
Instrument :  
MSVOA\_W  
ClientSampleId :

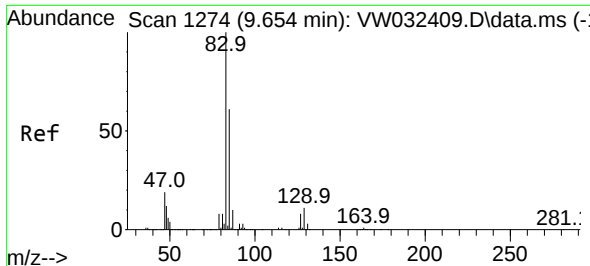
Tgt Ion: 63 Resp: 104396  
Ion Ratio Lower Upper  
63 100  
65 31.5 24.4 36.6



#46  
Dibromomethane  
Concen: 22.447 ug/l  
RT: 9.465 min Scan# 1243  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

Tgt Ion: 93 Resp: 60375  
Ion Ratio Lower Upper  
93 100  
95 83.0 67.1 100.7  
174 89.9 68.2 102.4

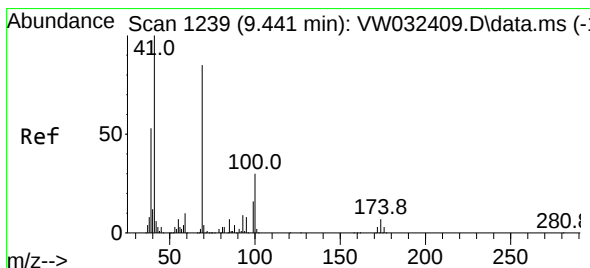
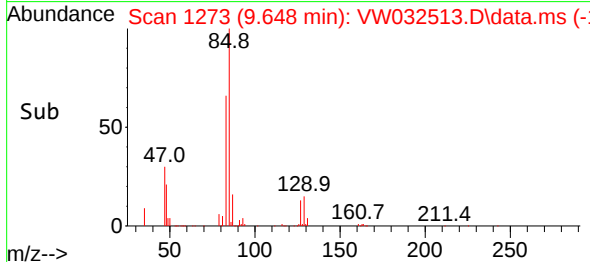
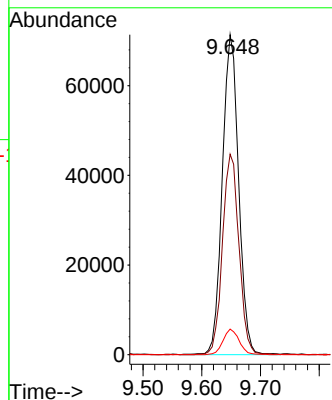
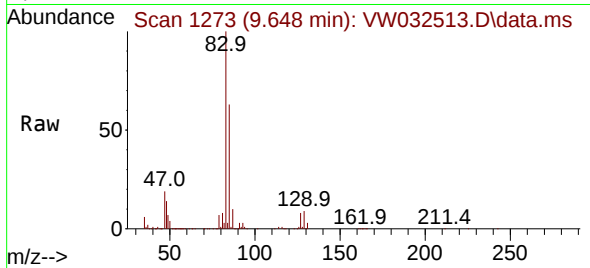




#47  
Bromodichloromethane  
Concen: 22.441 ug/l  
RT: 9.648 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

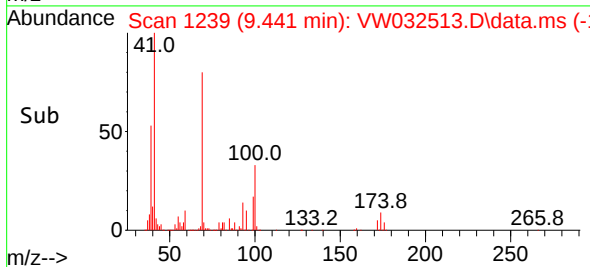
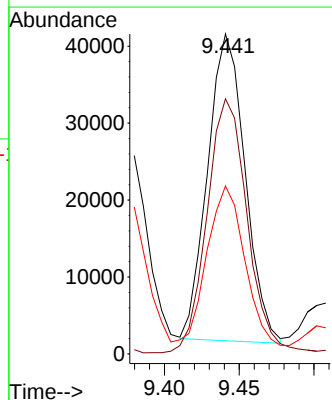
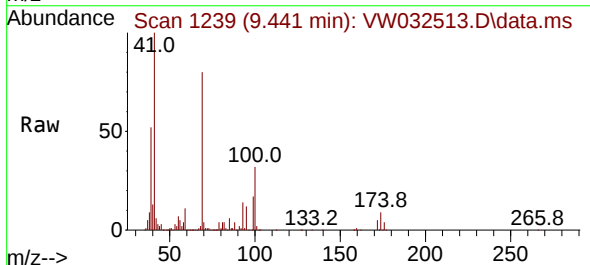
Instrument :  
MSVOA\_W  
ClientSampleId :

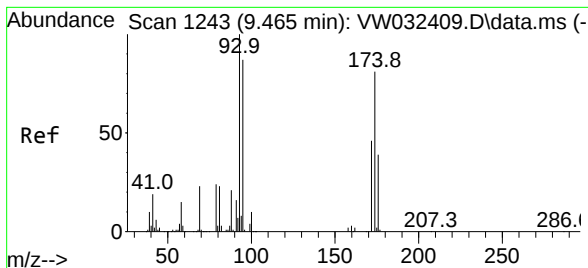
Tgt Ion: 83 Resp: 137684  
Ion Ratio Lower Upper  
83 100  
85 62.7 48.7 73.1  
127 8.0 6.3 9.5



#48  
Methyl methacrylate  
Concen: 19.301 ug/l  
RT: 9.441 min Scan# 1239  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

Tgt Ion: 41 Resp: 69317  
Ion Ratio Lower Upper  
41 100  
69 90.3 65.8 98.6  
39 52.5 38.6 57.8





#49

1,4-Dioxane

Concen: 418.857 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032513.D

Acq: 20 Nov 2025 10:31

Instrument :

MSVOA\_W

ClientSampleId :

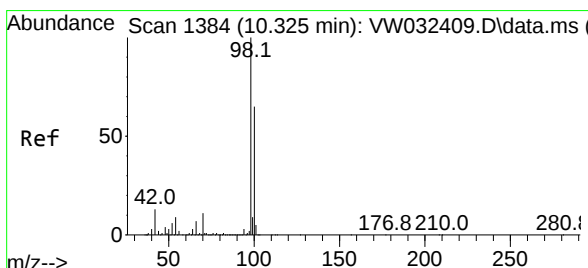
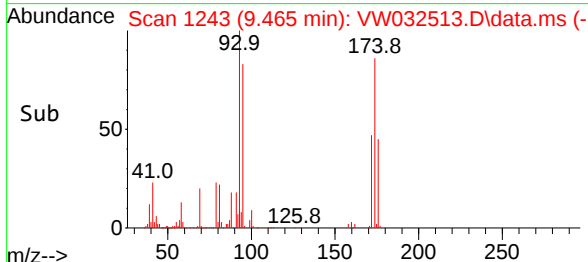
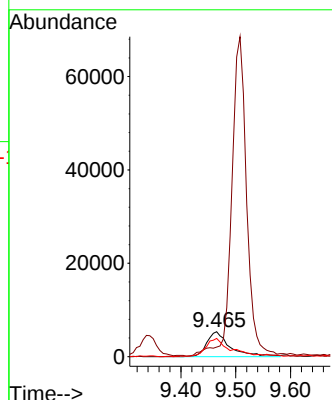
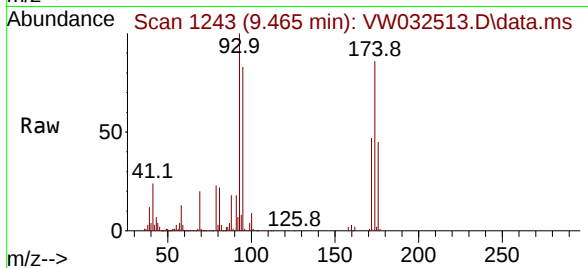
Tgt Ion: 88 Resp: 15782

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 72.4 63.0 94.4



#50

Toluene-d8

Concen: 51.342 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032513.D

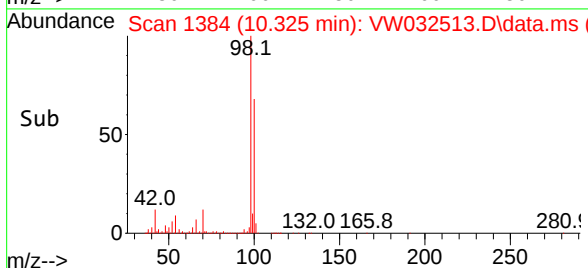
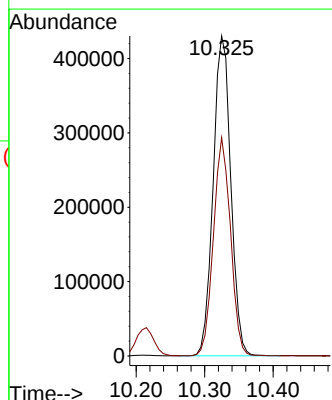
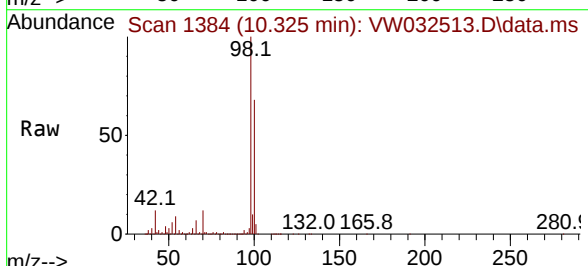
Acq: 20 Nov 2025 10:31

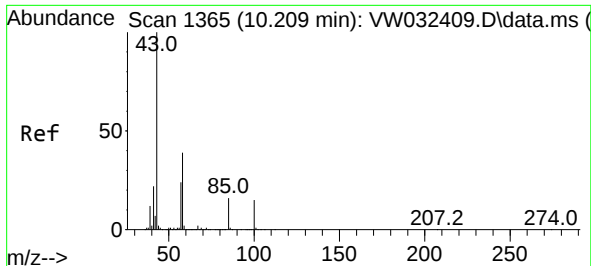
Tgt Ion: 98 Resp: 767314

Ion Ratio Lower Upper

98 100

100 66.2 53.3 79.9

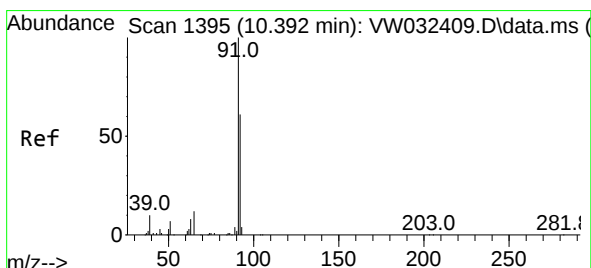
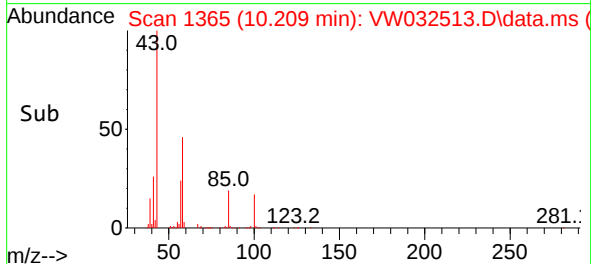
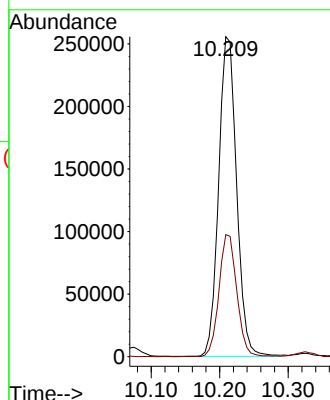
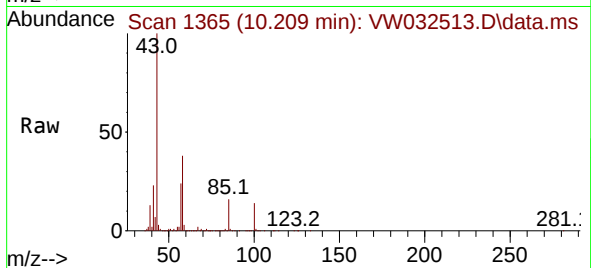




#51  
4-Methyl-2-Pentanone  
Concen: 110.929 ug/l  
RT: 10.209 min Scan# 1365  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

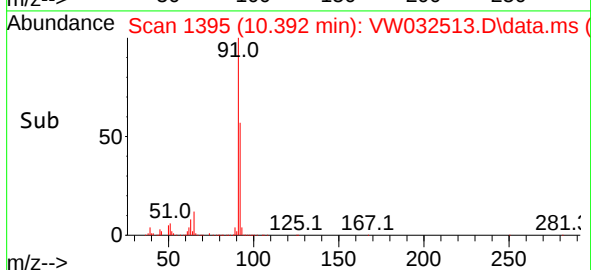
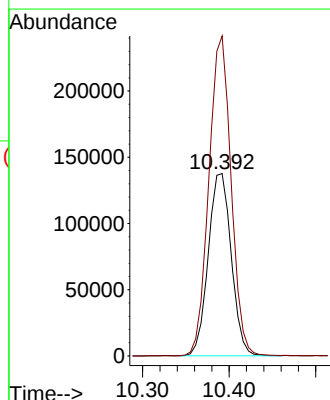
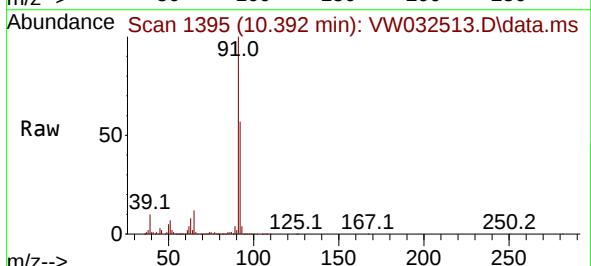
Instrument :  
MSVOA\_W  
ClientSampleId :

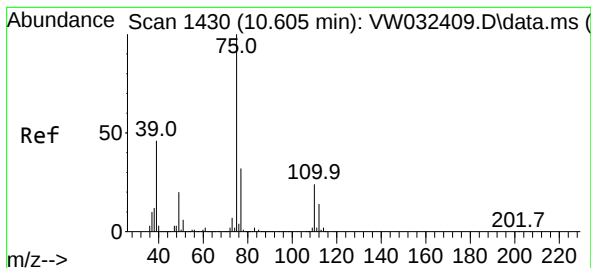
Tgt Ion: 43 Resp: 463463  
Ion Ratio Lower Upper  
43 100  
58 38.0 31.4 47.2



#52  
Toluene  
Concen: 22.253 ug/l  
RT: 10.392 min Scan# 1395  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

Tgt Ion: 92 Resp: 254072  
Ion Ratio Lower Upper  
92 100  
91 170.2 136.6 205.0

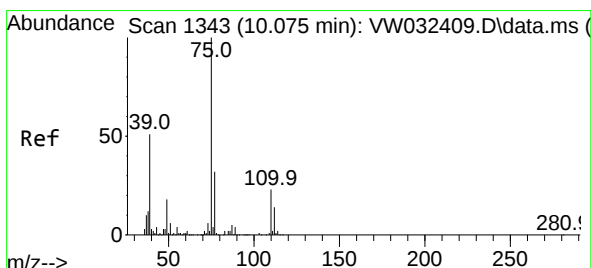
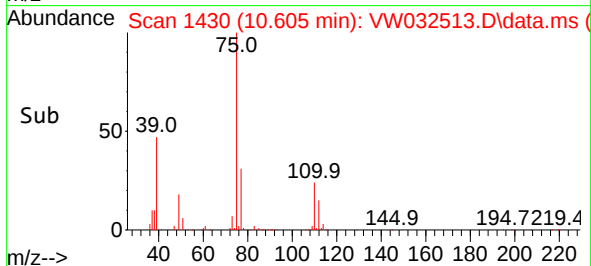
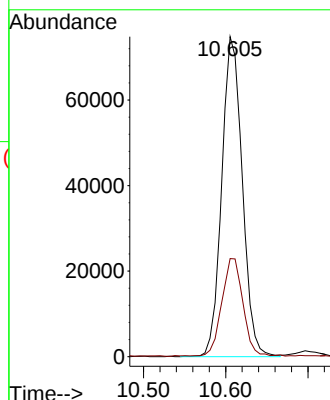
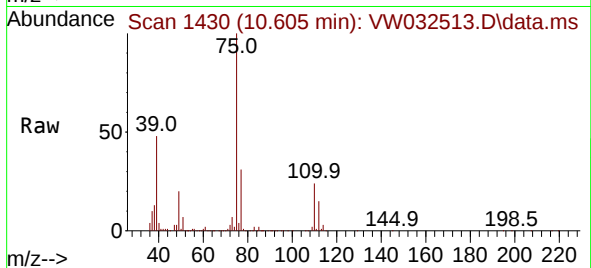




#53  
t-1,3-Dichloropropene  
Concen: 20.576 ug/l  
RT: 10.605 min Scan# 1430  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

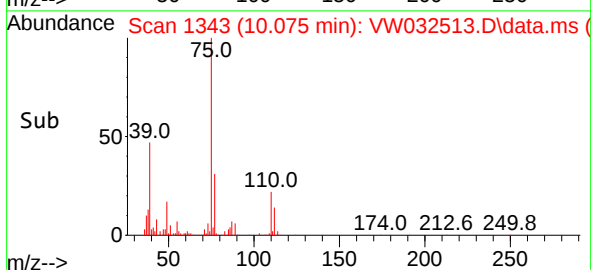
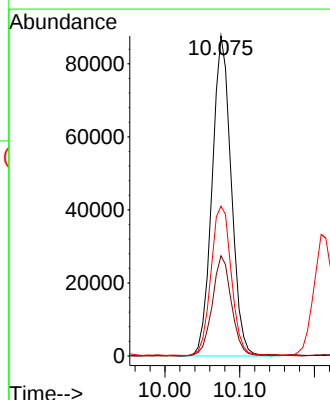
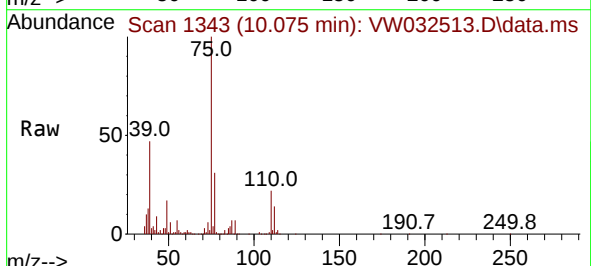
Instrument :  
MSVOA\_W  
ClientSampleId :

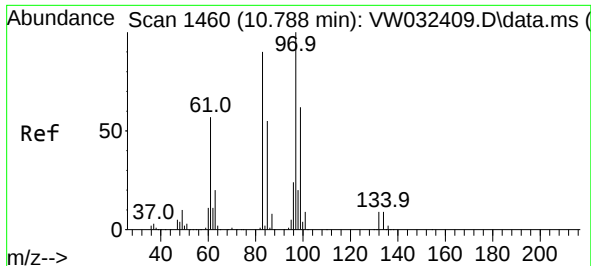
Tgt Ion: 75 Resp: 130012  
Ion Ratio Lower Upper  
75 100  
77 30.4 25.4 38.0



#54  
cis-1,3-Dichloropropene  
Concen: 21.384 ug/l  
RT: 10.075 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

Tgt Ion: 75 Resp: 156258  
Ion Ratio Lower Upper  
75 100  
77 31.3 25.6 38.4  
39 46.6 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 22.960 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW032513.D

Acq: 20 Nov 2025 10:31

Instrument :

MSVOA\_W

ClientSampleId :

Tgt Ion: 97 Resp: 84716

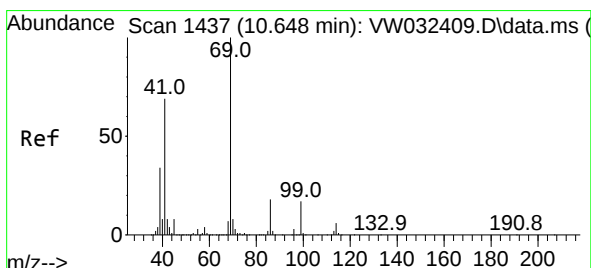
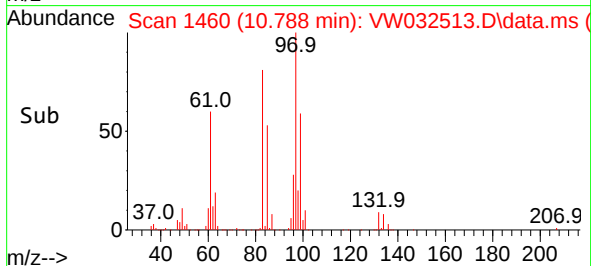
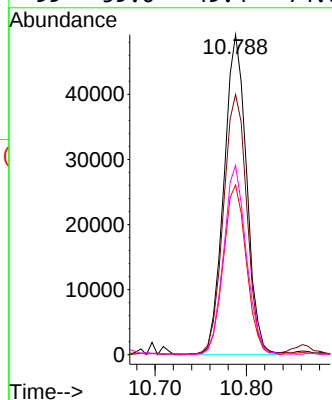
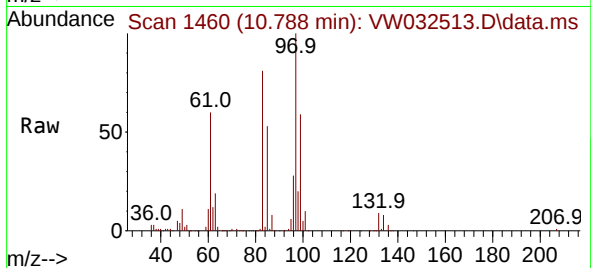
Ion Ratio Lower Upper

97 100

83 81.1 72.2 108.4

85 53.1 43.8 65.8

99 59.0 49.4 74.0



#56

Ethyl methacrylate

Concen: 19.660 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VW032513.D

Acq: 20 Nov 2025 10:31

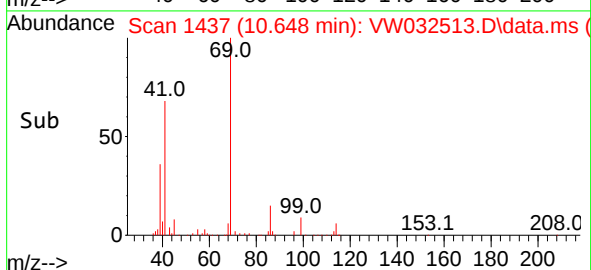
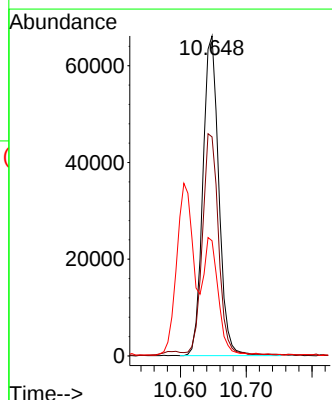
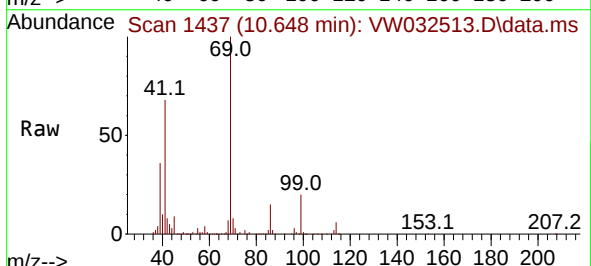
Tgt Ion: 69 Resp: 111303

Ion Ratio Lower Upper

69 100

41 69.6 54.4 81.6

39 32.1 25.4 38.0

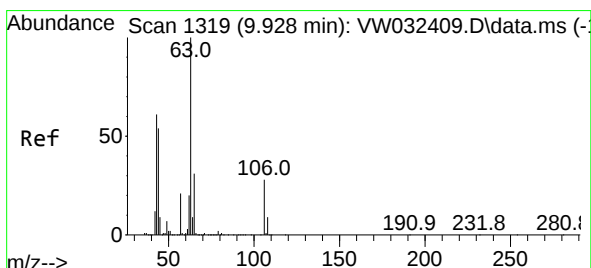
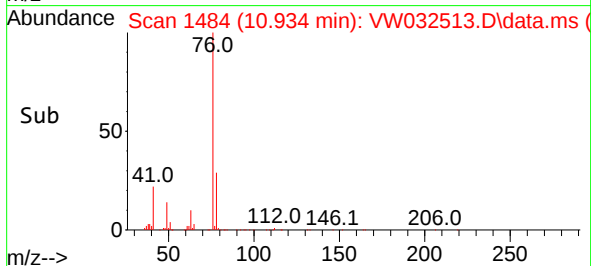
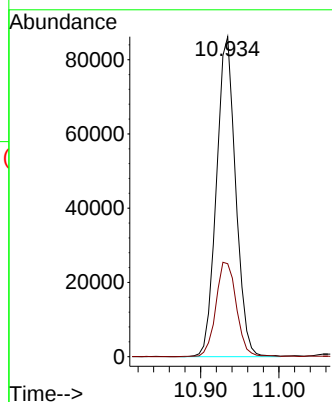
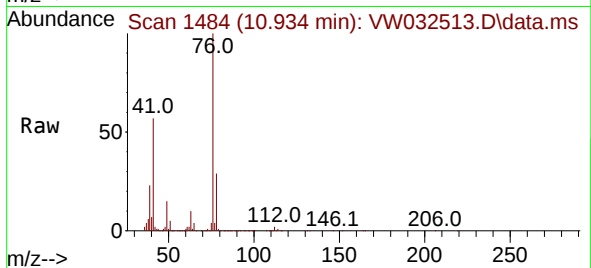




#57  
1,3-Dichloropropane  
Concen: 22.301 ug/l  
RT: 10.934 min Scan# 1484  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

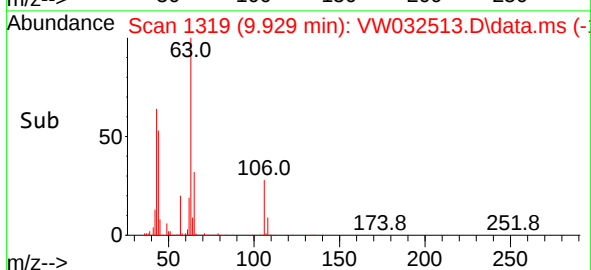
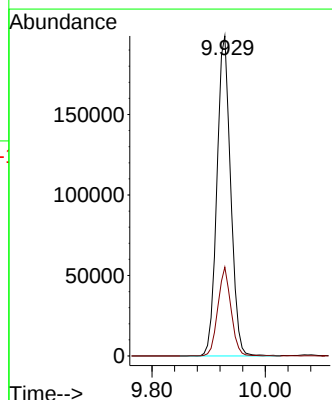
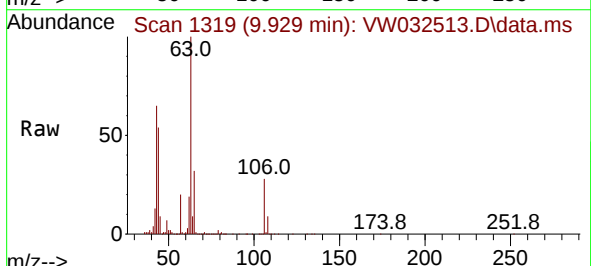
Instrument :  
MSVOA\_W  
ClientSampleId :

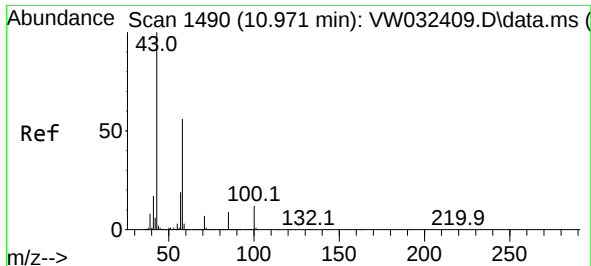
Tgt Ion: 76 Resp: 146966  
Ion Ratio Lower Upper  
76 100  
78 31.6 25.6 38.4



#58  
2-Chloroethyl Vinyl ether  
Concen: 110.663 ug/l  
RT: 9.929 min Scan# 1319  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

Tgt Ion: 63 Resp: 333644  
Ion Ratio Lower Upper  
63 100  
106 26.6 22.0 33.0

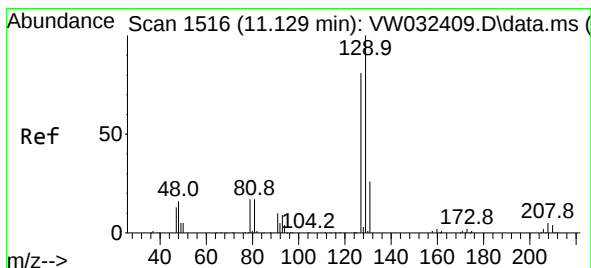
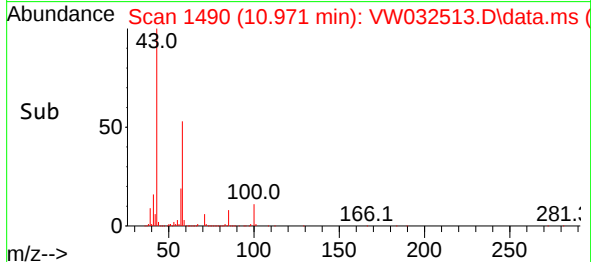
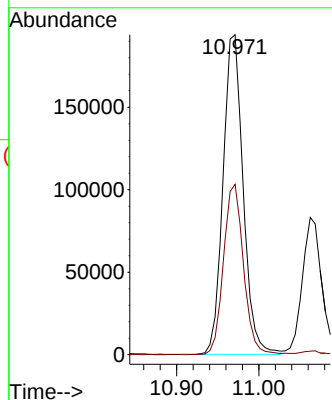
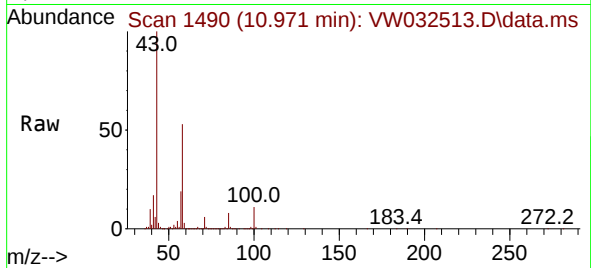




#59  
2-Hexanone  
Concen: 108.059 ug/l  
RT: 10.971 min Scan# 1490  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

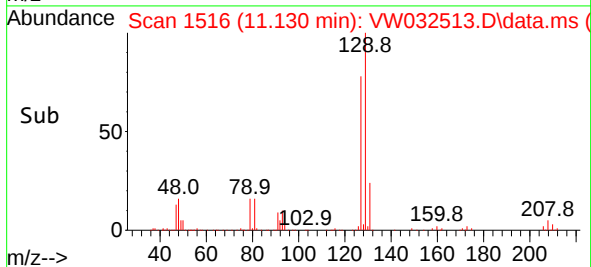
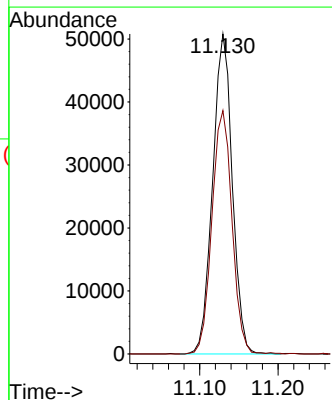
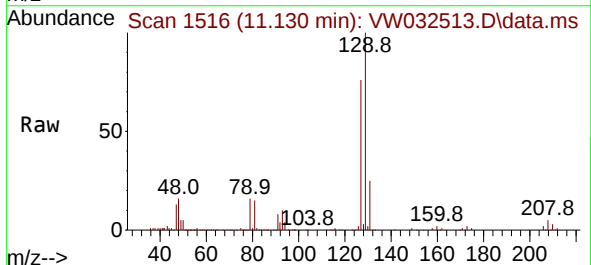
Instrument :  
MSVOA\_W  
ClientSampleId :

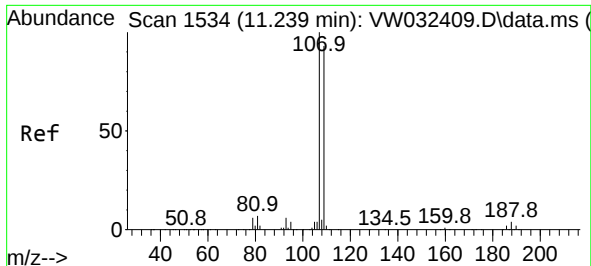
Tgt Ion: 43 Resp: 330314  
Ion Ratio Lower Upper  
43 100  
58 53.0 27.4 82.2



#60  
Dibromochloromethane  
Concen: 21.474 ug/l  
RT: 11.130 min Scan# 1516  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

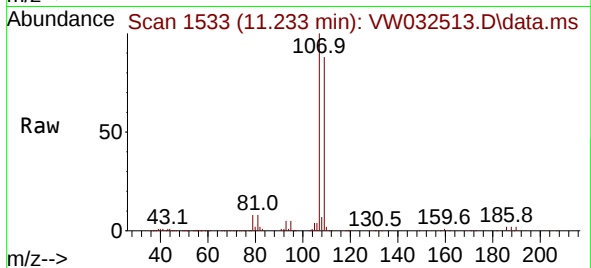
Tgt Ion:129 Resp: 88485  
Ion Ratio Lower Upper  
129 100  
127 77.6 39.2 117.6



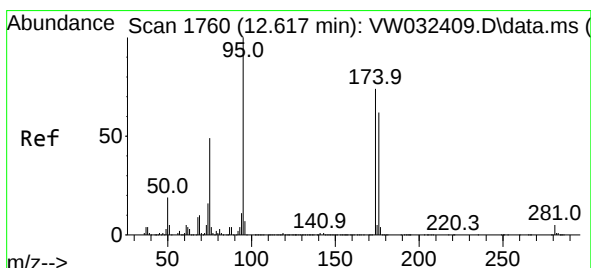
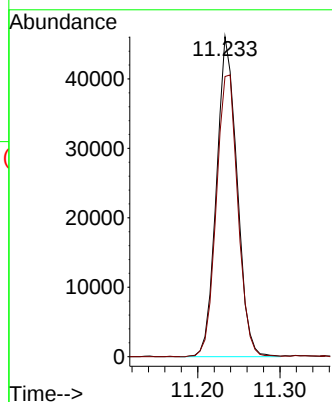
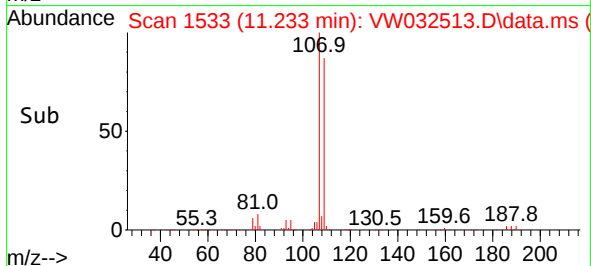


#61  
1,2-Dibromoethane  
Concen: 22.252 ug/l  
RT: 11.233 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

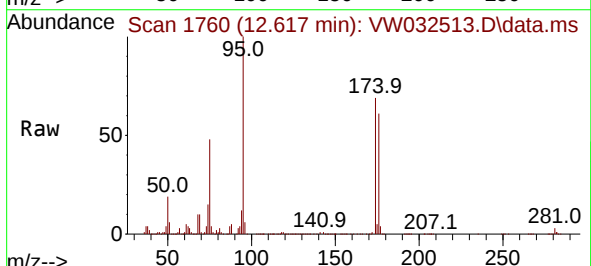
Instrument :  
MSVOA\_W  
ClientSampleId :



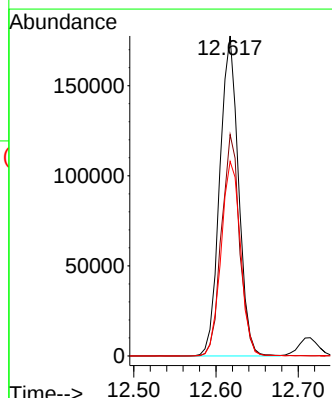
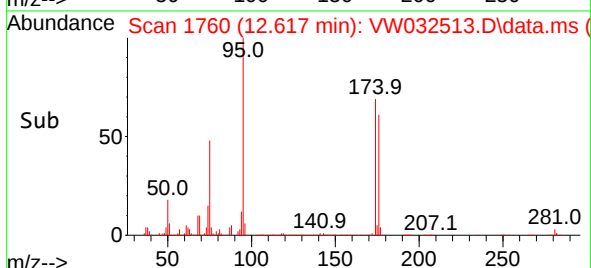
Tgt Ion:107 Resp: 79967  
Ion Ratio Lower Upper  
107 100  
109 92.3 76.3 114.5

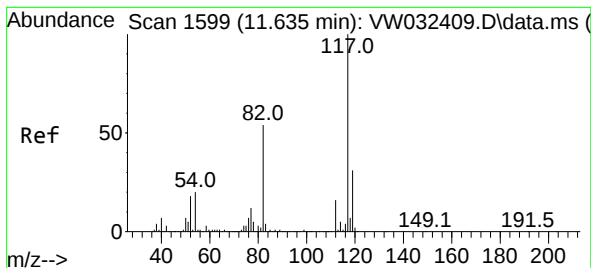


#62  
4-Bromofluorobenzene  
Concen: 49.815 ug/l  
RT: 12.617 min Scan# 1760  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31



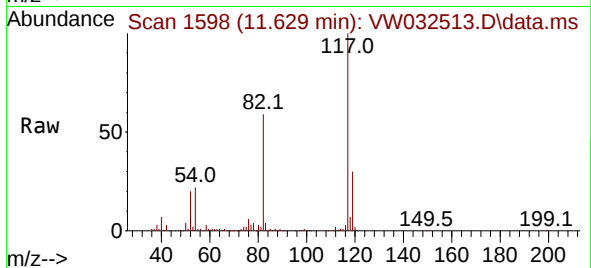
Tgt Ion: 95 Resp: 281242  
Ion Ratio Lower Upper  
95 100  
174 67.2 0.0 135.4  
176 62.9 0.0 131.8



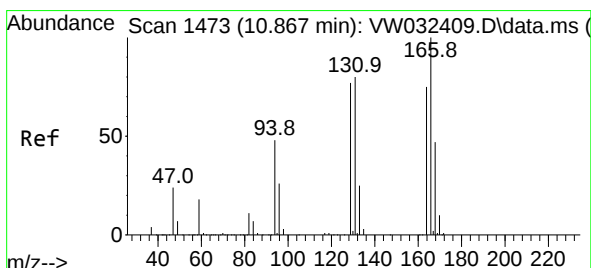
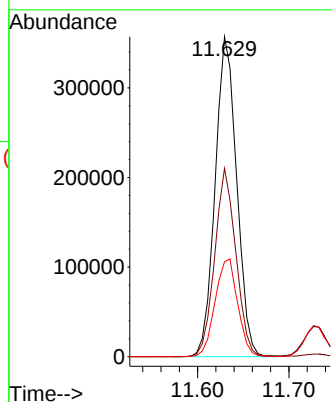
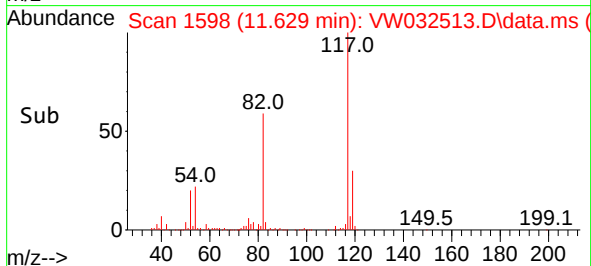


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.629 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

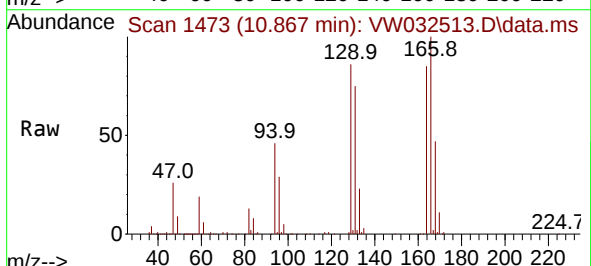
Instrument :  
MSVOA\_W  
ClientSampleId :



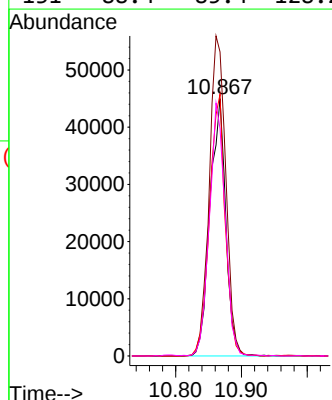
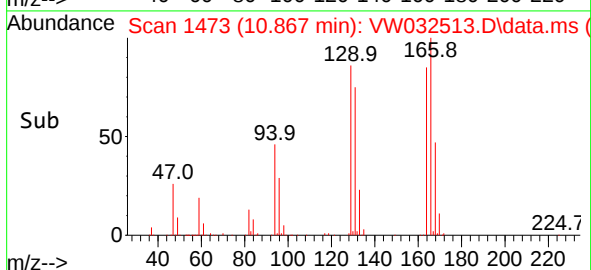
Tgt Ion:117 Resp: 586278  
Ion Ratio Lower Upper  
117 100  
82 58.9 43.0 64.4  
119 29.7 25.0 37.6



#64  
Tetrachloroethene  
Concen: 21.706 ug/l  
RT: 10.867 min Scan# 1473  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31



Tgt Ion:164 Resp: 75359  
Ion Ratio Lower Upper  
164 100  
166 118.2 107.0 160.4  
129 101.8 82.9 124.3  
131 88.4 85.4 128.2





#65

Chlorobenzene

Concen: 22.267 ug/l

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032513.D

Acq: 20 Nov 2025 10:31

Instrument :

MSVOA\_W

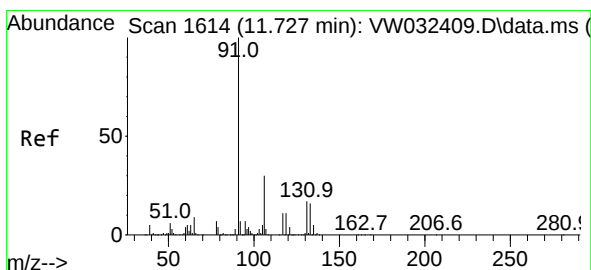
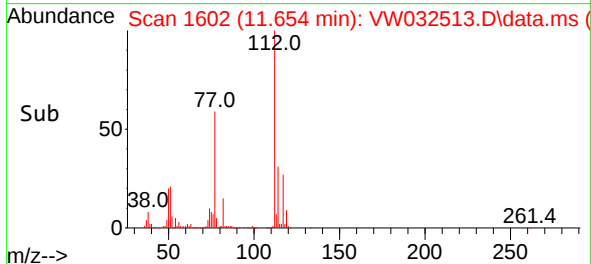
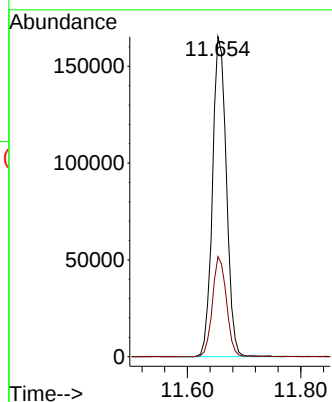
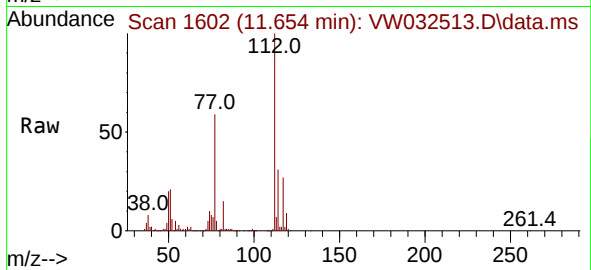
ClientSampleId :

Tgt Ion:112 Resp: 281368

Ion Ratio Lower Upper

112 100

114 31.3 24.4 36.6



#66

1,1,1,2-Tetrachloroethane

Concen: 22.263 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW032513.D

Acq: 20 Nov 2025 10:31

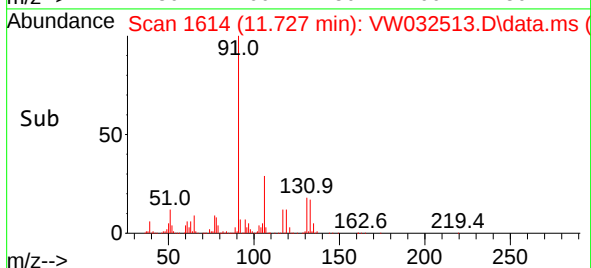
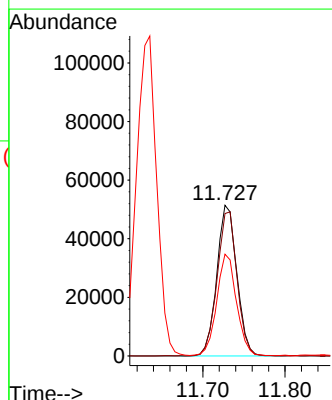
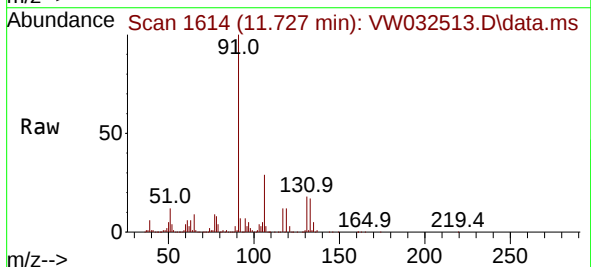
Tgt Ion:131 Resp: 87063

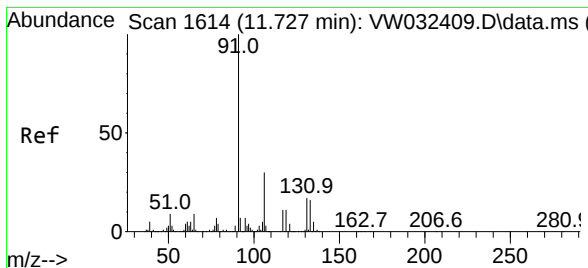
Ion Ratio Lower Upper

131 100

133 95.6 46.9 140.6

119 66.6 33.4 100.2

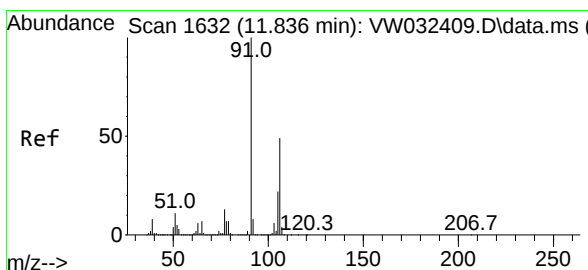
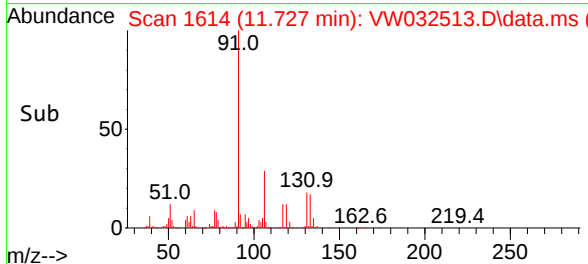
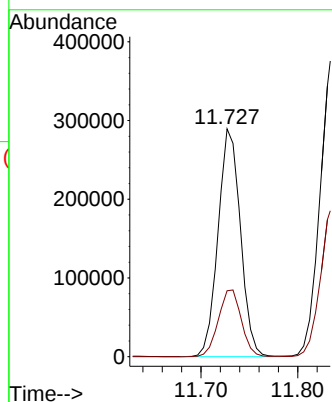
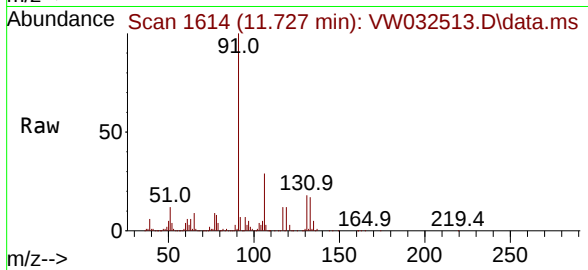




#67  
Ethyl Benzene  
Concen: 21.248 ug/l  
RT: 11.727 min Scan# 1614  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

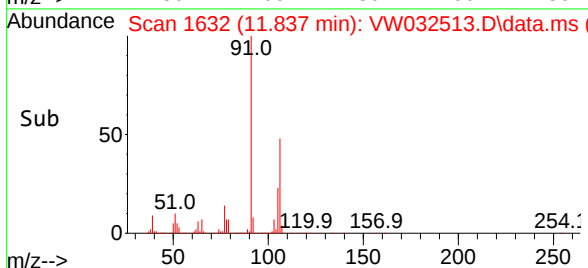
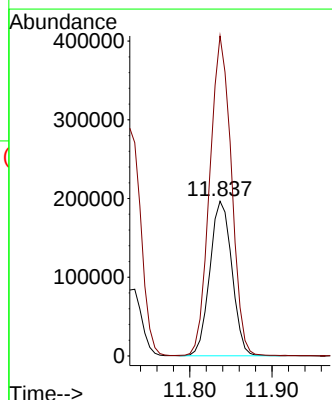
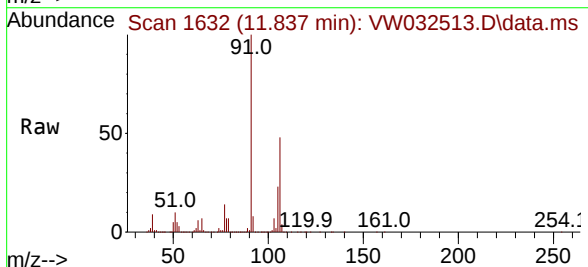
Instrument :  
MSVOA\_W  
ClientSampleId :

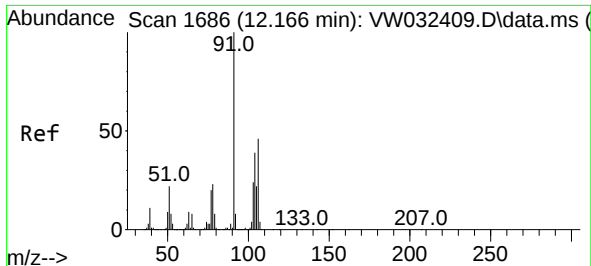
Tgt Ion: 91 Resp: 464579  
Ion Ratio Lower Upper  
91 100  
106 28.9 24.2 36.2



#68  
m/p-Xylenes  
Concen: 44.577 ug/l  
RT: 11.837 min Scan# 1632  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

Tgt Ion:106 Resp: 365948  
Ion Ratio Lower Upper  
106 100  
91 204.1 165.5 248.3

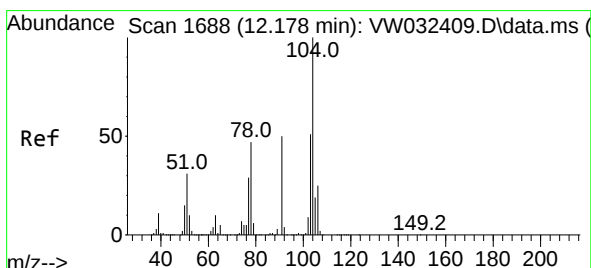
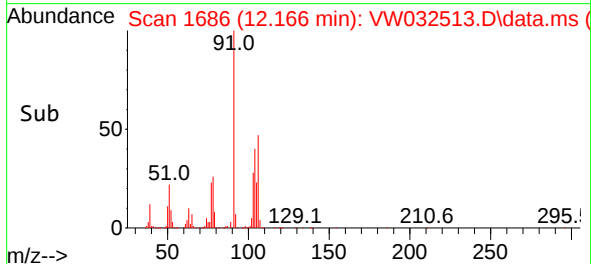
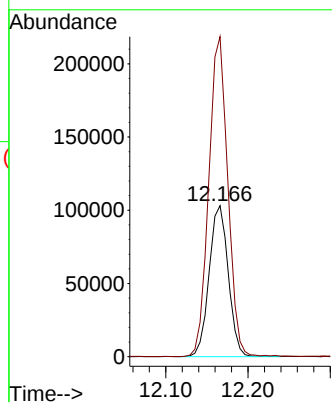
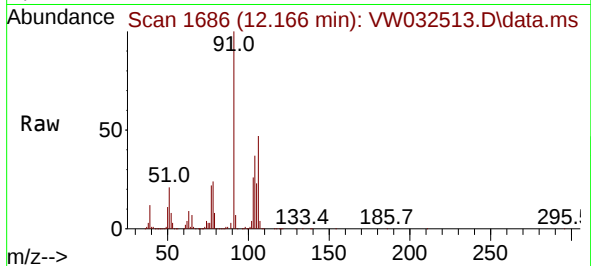




#69  
o-Xylene  
Concen: 21.226 ug/l  
RT: 12.166 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

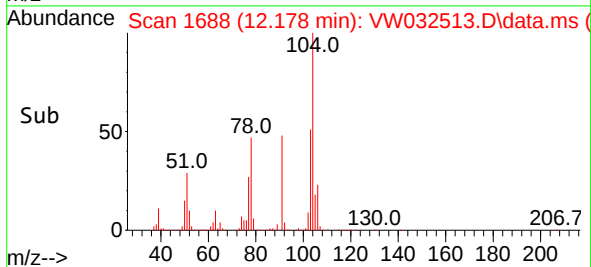
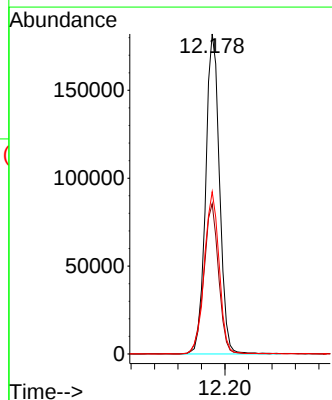
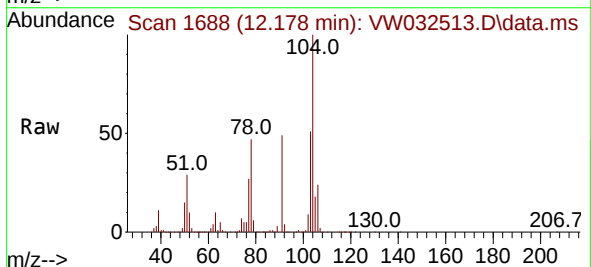
Instrument :  
MSVOA\_W  
ClientSampleId :

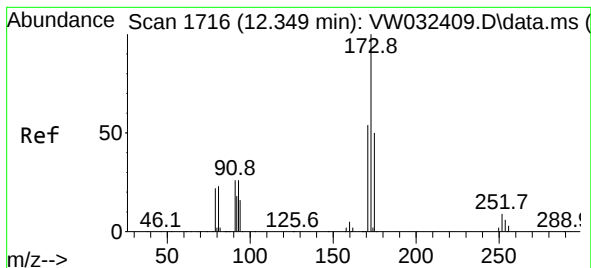
Tgt Ion:106 Resp: 166845  
Ion Ratio Lower Upper  
106 100  
91 210.3 109.3 327.8



#70  
Styrene  
Concen: 22.145 ug/l  
RT: 12.178 min Scan# 1688  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

Tgt Ion:104 Resp: 299435  
Ion Ratio Lower Upper  
104 100  
78 49.9 40.7 61.1  
103 54.2 43.9 65.9





#71

Bromoform

Concen: 20.054 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032513.D

Acq: 20 Nov 2025 10:31

Instrument :

MSVOA\_W

ClientSampleId :

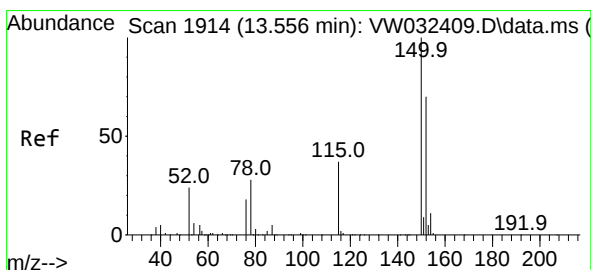
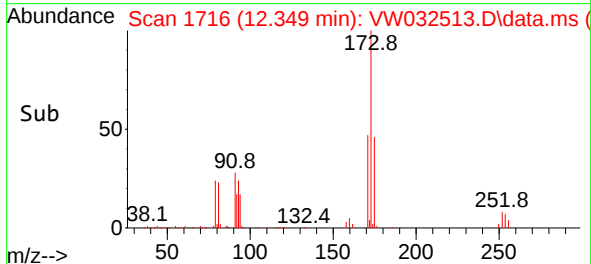
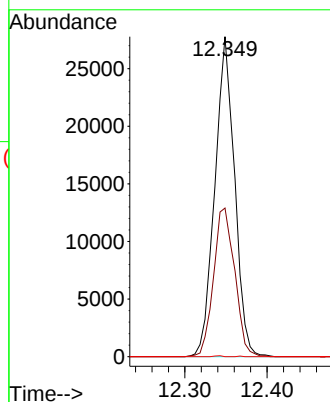
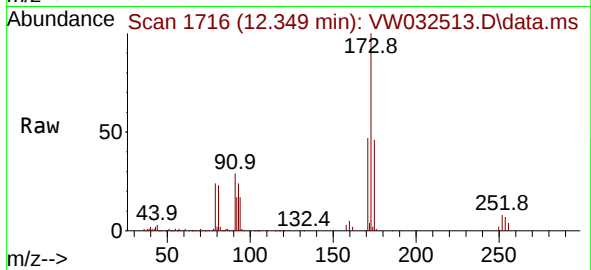
Tgt Ion:173 Resp: 46452

Ion Ratio Lower Upper

173 100

175 49.7 25.1 75.2

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032513.D

Acq: 20 Nov 2025 10:31

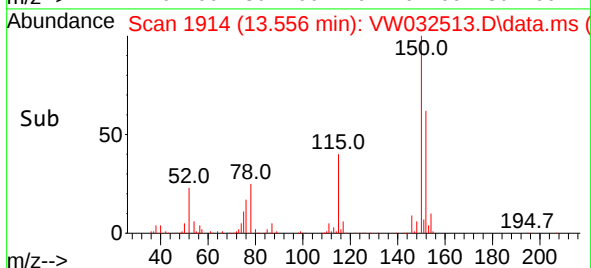
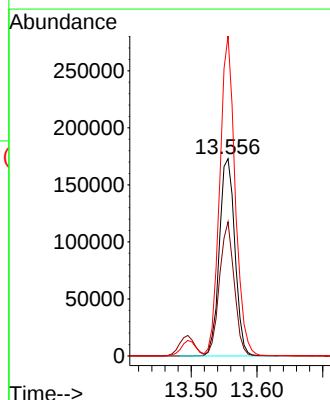
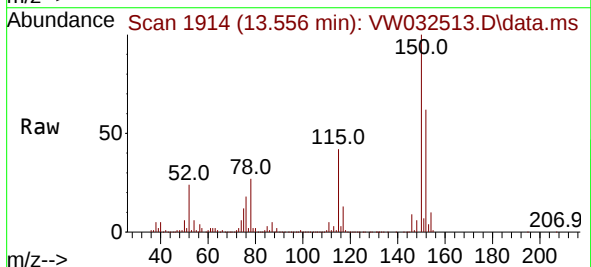
Tgt Ion:152 Resp: 284719

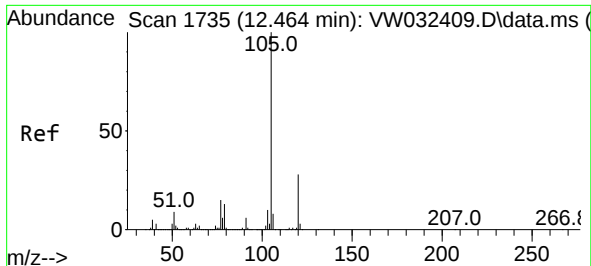
Ion Ratio Lower Upper

152 100

115 64.5 32.8 98.3

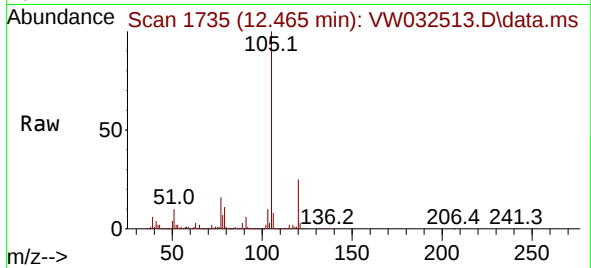
150 161.1 0.0 356.6



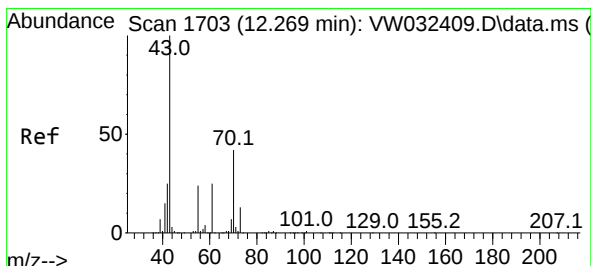
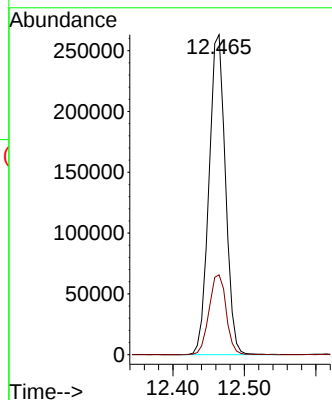
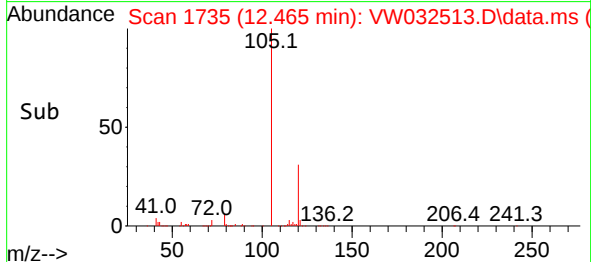


#73  
Isopropylbenzene  
Concen: 20.095 ug/l  
RT: 12.465 min Scan# 1735  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

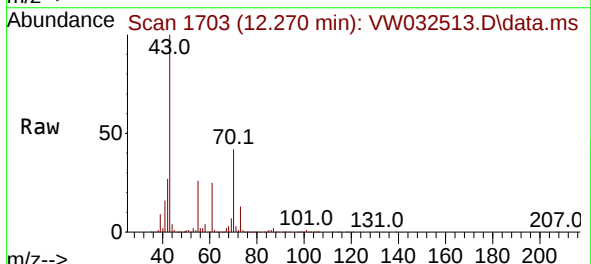
Instrument :  
MSVOA\_W  
ClientSampleId :



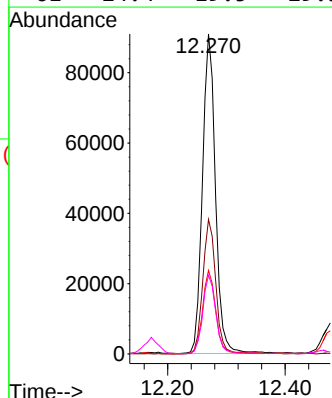
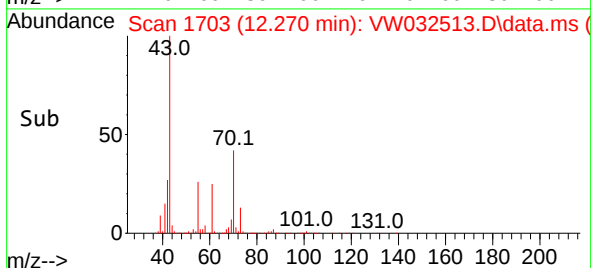
Tgt Ion:105 Resp: 420213  
Ion Ratio Lower Upper  
105 100  
120 26.0 13.2 39.5

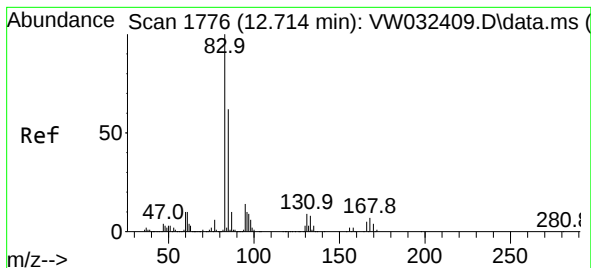


#74  
N-ethyl acetate  
Concen: 19.293 ug/l  
RT: 12.270 min Scan# 1703  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31



Tgt Ion: 43 Resp: 140188  
Ion Ratio Lower Upper  
43 100  
70 42.1 33.5 50.3  
55 26.8 19.3 28.9  
61 24.4 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.646 ug/l

RT: 12.709 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW032513.D

Acq: 20 Nov 2025 10:31

Instrument :

MSVOA\_W

ClientSampleId :

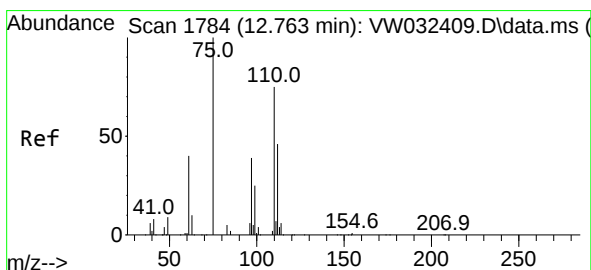
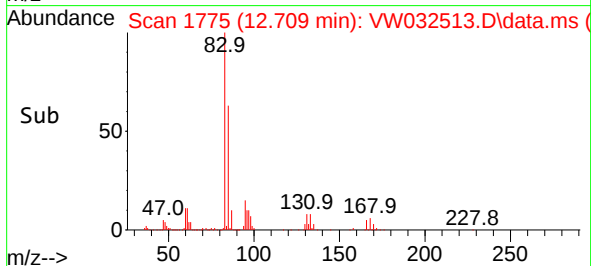
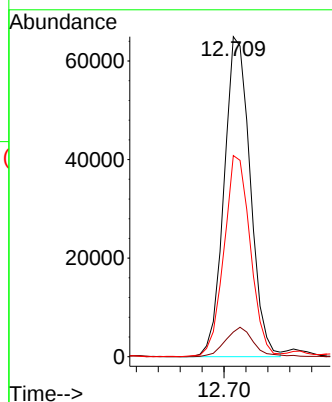
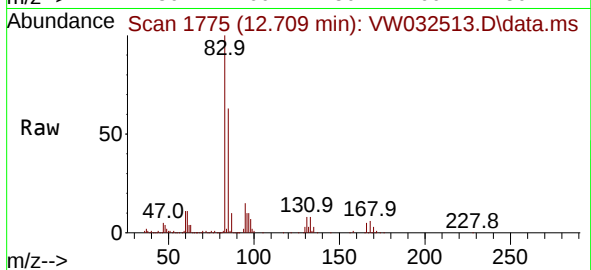
Tgt Ion: 83 Resp: 107423

Ion Ratio Lower Upper

83 100

131 9.9 5.0 14.9

85 63.6 31.6 94.8



#76

1,2,3-Trichloropropane

Concen: 33.866 ug/l

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW032513.D

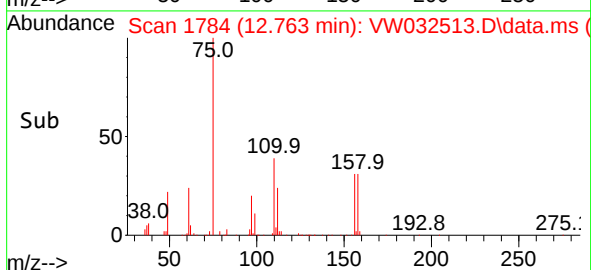
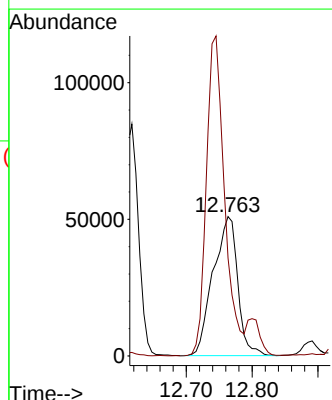
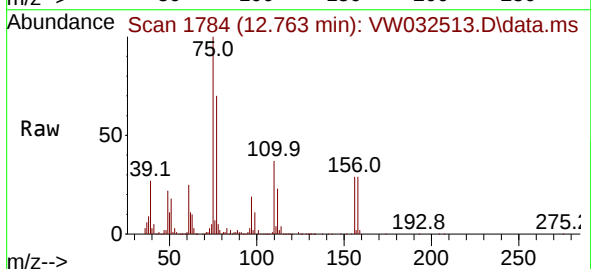
Acq: 20 Nov 2025 10:31

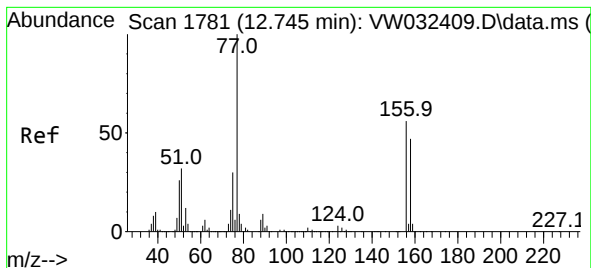
Tgt Ion: 75 Resp: 132212

Ion Ratio Lower Upper

75 100

77 171.2 151.6 454.8

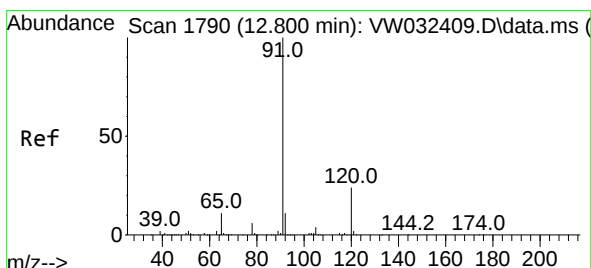
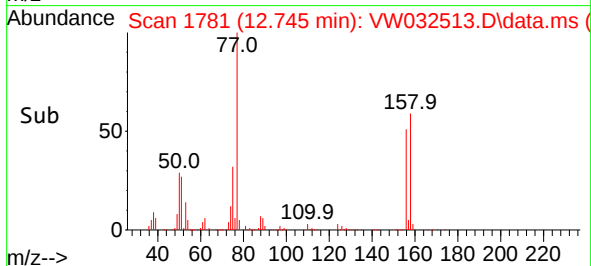
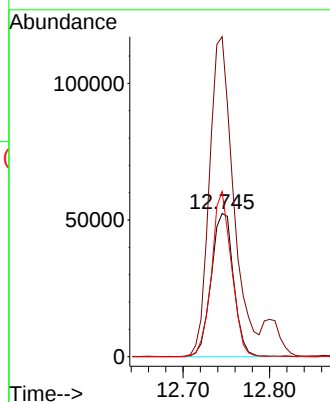
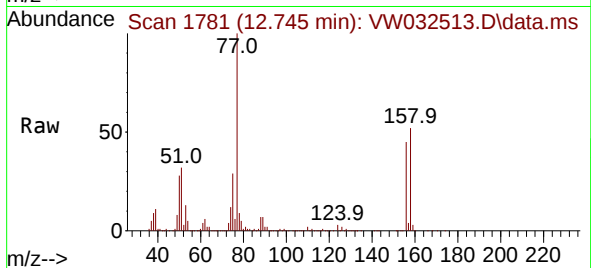




#77  
Bromobenzene  
Concen: 19.033 ug/l  
RT: 12.745 min Scan# 1781  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

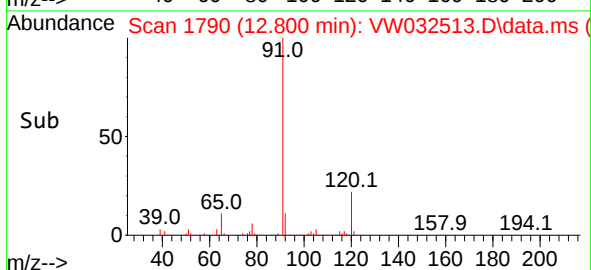
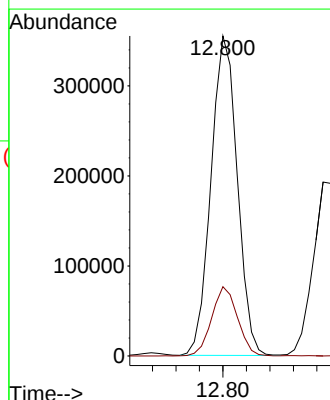
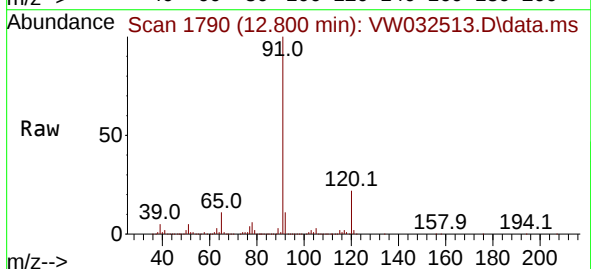
Instrument :  
MSVOA\_W  
ClientSampleId :

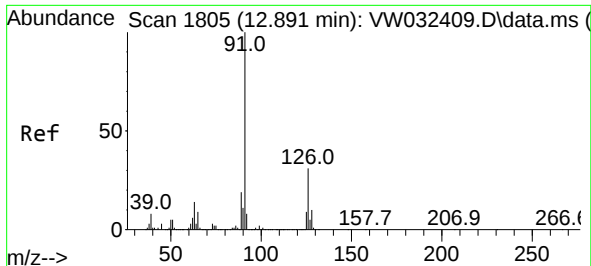
Tgt Ion:156 Resp: 94233  
Ion Ratio Lower Upper  
156 100  
77 240.3 108.0 324.0  
158 102.9 45.1 135.5



#78  
n-propylbenzene  
Concen: 21.688 ug/l  
RT: 12.800 min Scan# 1790  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

Tgt Ion: 91 Resp: 552294  
Ion Ratio Lower Upper  
91 100  
120 21.3 11.3 33.9

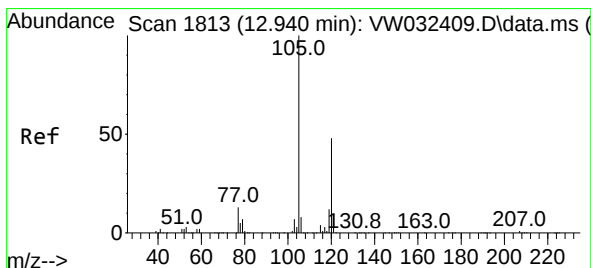
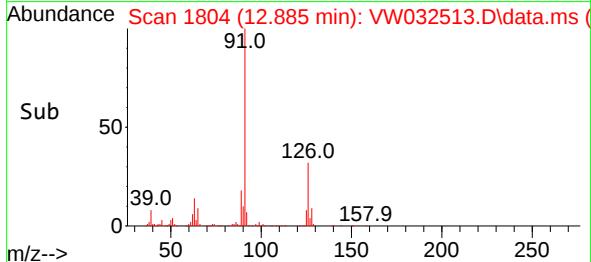
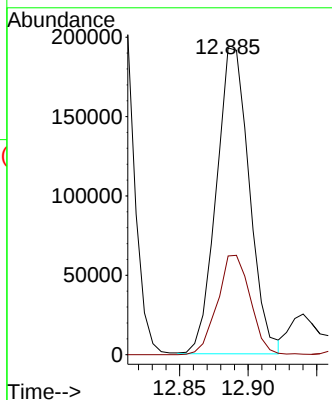
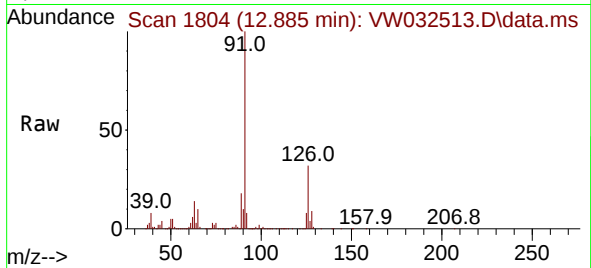




#79  
2-Chlorotoluene  
Concen: 20.839 ug/l  
RT: 12.885 min Scan# 1804  
Delta R.T. -0.006 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

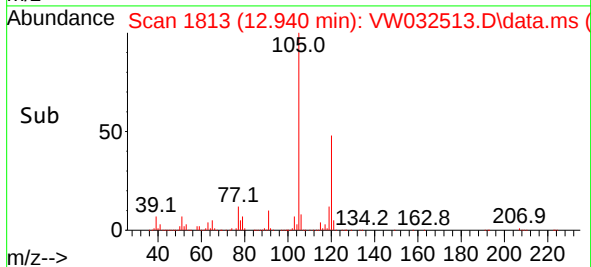
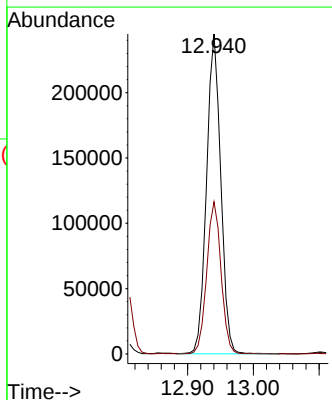
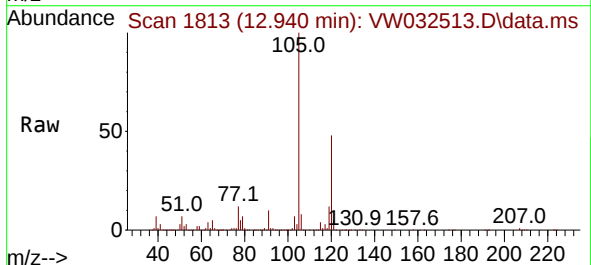
Instrument :  
MSVOA\_W  
ClientSampleId :

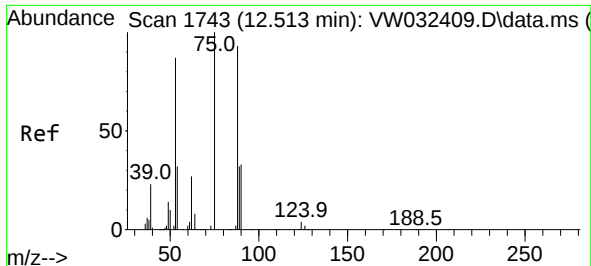
Tgt Ion: 91 Resp: 323954  
Ion Ratio Lower Upper  
91 100  
126 32.4 16.1 48.2



#80  
1,3,5-Trimethylbenzene  
Concen: 21.311 ug/l  
RT: 12.940 min Scan# 1813  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

Tgt Ion: 105 Resp: 367651  
Ion Ratio Lower Upper  
105 100  
120 48.2 24.2 72.6

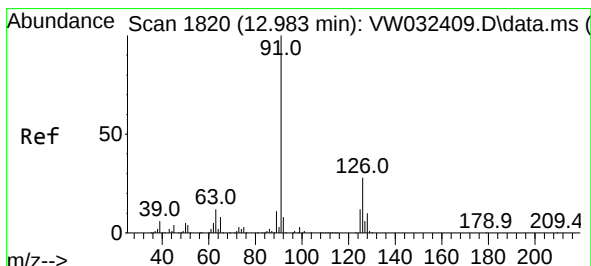
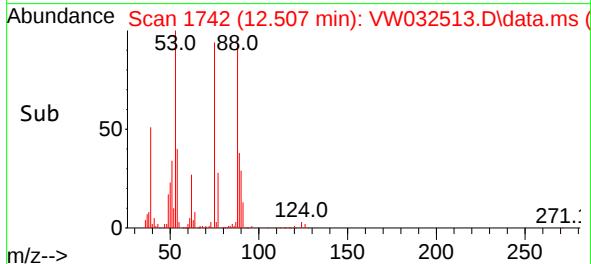
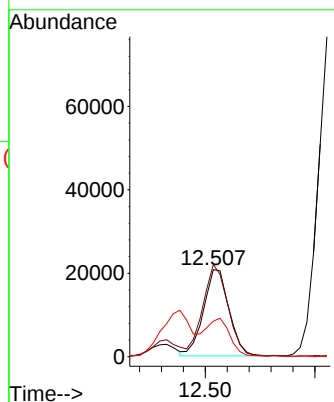
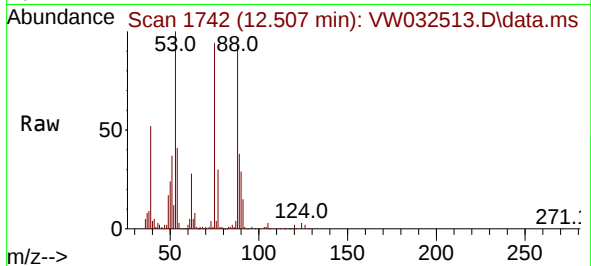




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.684 ug/l  
RT: 12.507 min Scan# 1742  
Delta R.T. -0.006 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

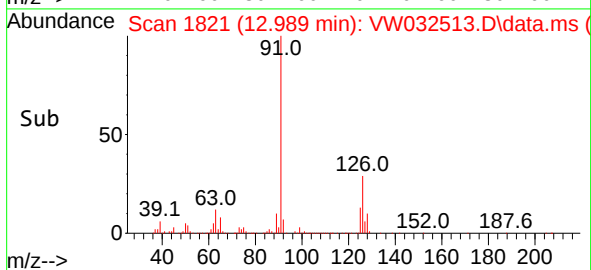
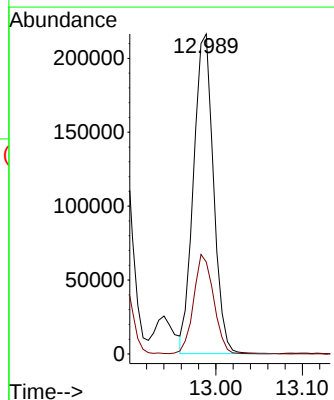
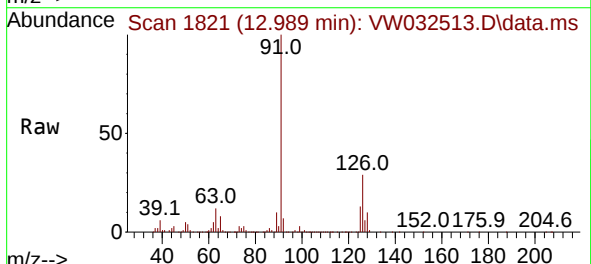
Instrument :  
MSVOA\_W  
ClientSampleId :

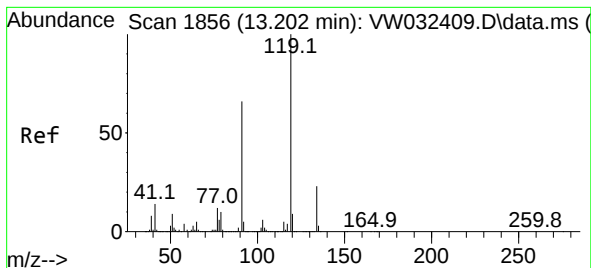
Tgt Ion: 75 Resp: 33550  
Ion Ratio Lower Upper  
75 100  
53 103.3 77.8 116.8  
89 39.4 35.6 53.4



#82  
4-Chlorotoluene  
Concen: 21.291 ug/l  
RT: 12.989 min Scan# 1821  
Delta R.T. 0.006 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

Tgt Ion: 91 Resp: 344250  
Ion Ratio Lower Upper  
91 100  
126 31.4 15.5 46.5

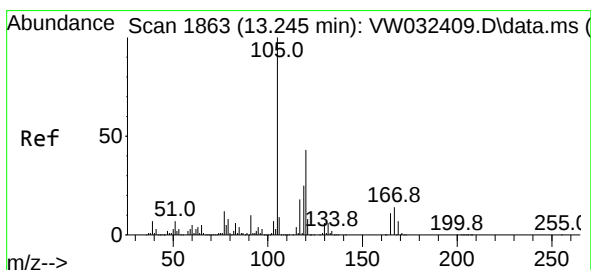
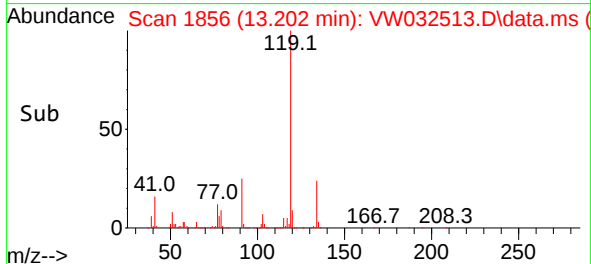
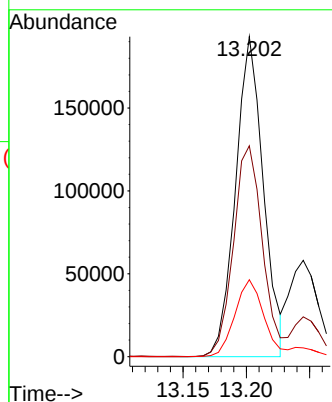
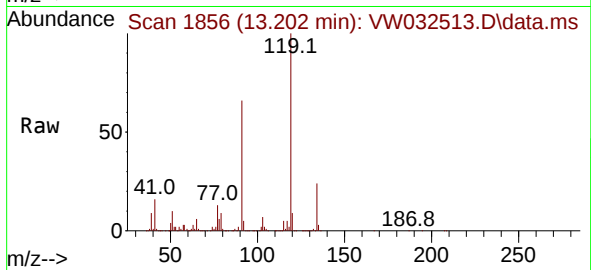




#83  
 tert-Butylbenzene  
 Concen: 19.713 ug/l  
 RT: 13.202 min Scan# 1856  
 Delta R.T. 0.000 min  
 Lab File: VW032513.D  
 Acq: 20 Nov 2025 10:31

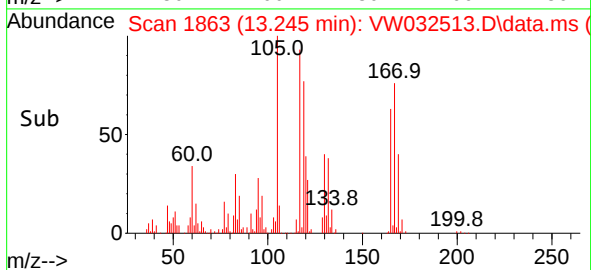
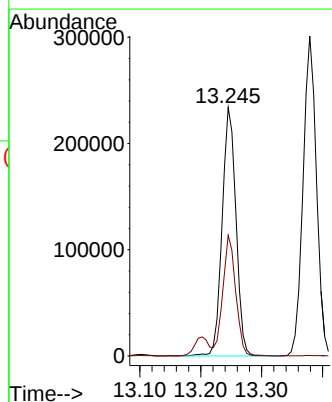
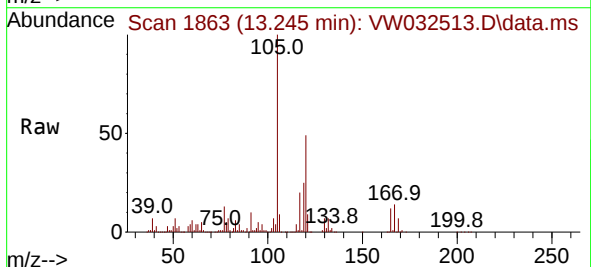
Instrument :  
 MSVOA\_W  
 ClientSampleId :

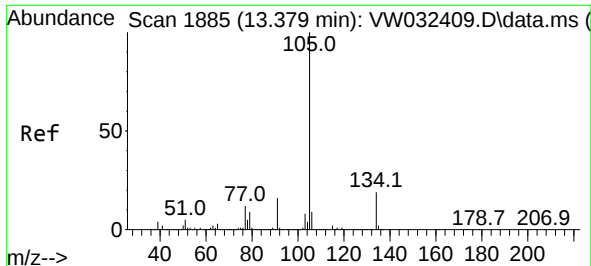
Tgt Ion:119 Resp: 295827  
 Ion Ratio Lower Upper  
 119 100  
 91 68.2 33.3 99.9  
 134 25.1 12.2 36.4



#84  
 1,2,4-Trimethylbenzene  
 Concen: 21.038 ug/l  
 RT: 13.245 min Scan# 1863  
 Delta R.T. 0.000 min  
 Lab File: VW032513.D  
 Acq: 20 Nov 2025 10:31

Tgt Ion:105 Resp: 369146  
 Ion Ratio Lower Upper  
 105 100  
 120 45.0 22.1 66.5

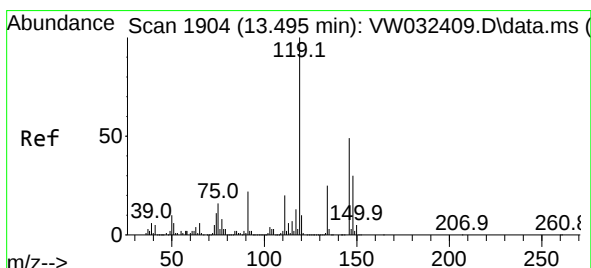
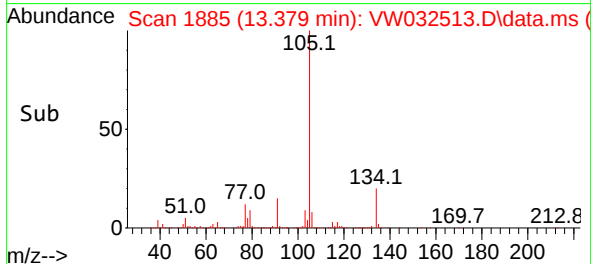
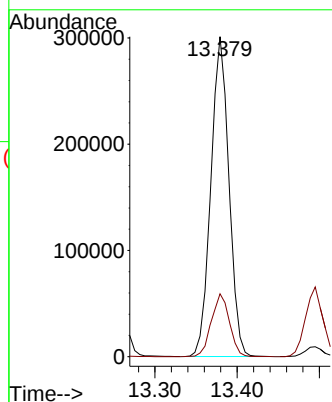
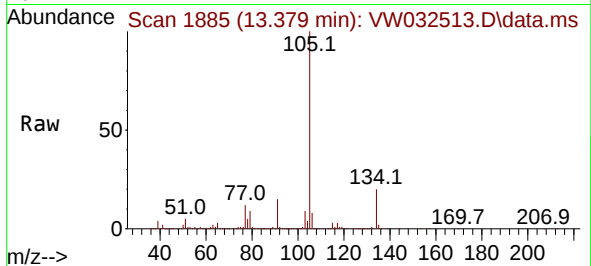




#85  
 sec-Butylbenzene  
 Concen: 20.550 ug/l  
 RT: 13.379 min Scan# 1885  
 Delta R.T. 0.000 min  
 Lab File: VW032513.D  
 Acq: 20 Nov 2025 10:31

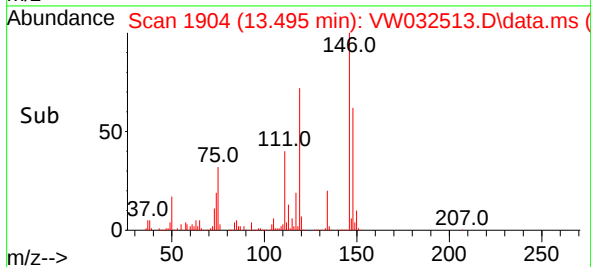
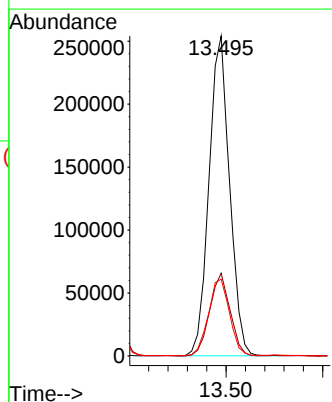
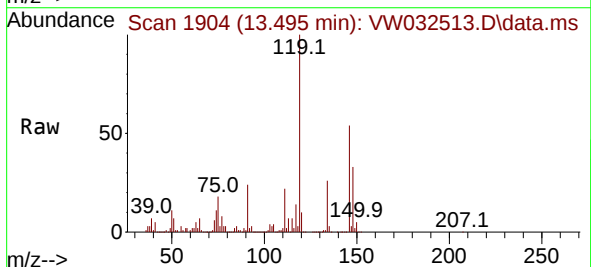
Instrument :  
 MSVOA\_W  
 ClientSampleId :

Tgt Ion:105 Resp: 459287  
 Ion Ratio Lower Upper  
 105 100  
 134 19.7 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 20.329 ug/l  
 RT: 13.495 min Scan# 1904  
 Delta R.T. 0.000 min  
 Lab File: VW032513.D  
 Acq: 20 Nov 2025 10:31

Tgt Ion:119 Resp: 375143  
 Ion Ratio Lower Upper  
 119 100  
 134 25.7 12.7 38.1  
 91 24.6 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 22.592 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032513.D

Acq: 20 Nov 2025 10:31

Instrument :

MSVOA\_W

ClientSampleId :

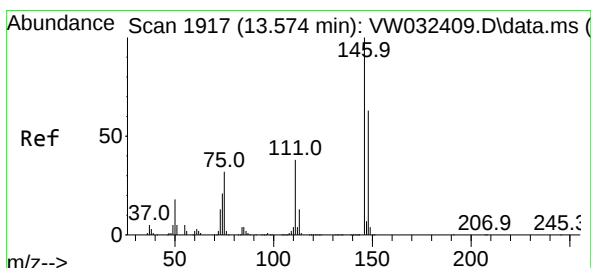
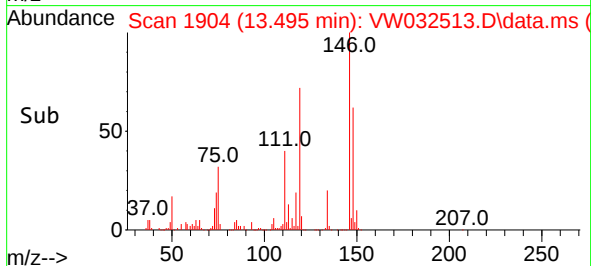
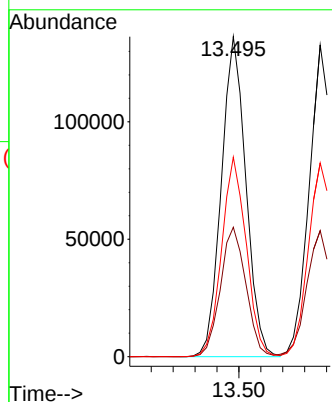
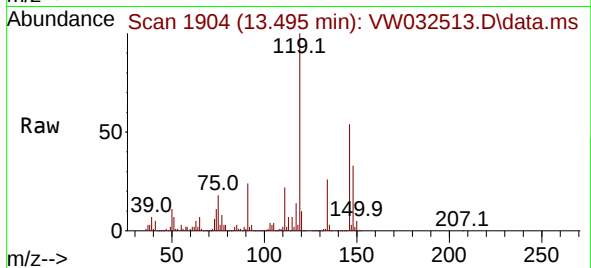
Tgt Ion:146 Resp: 212071

Ion Ratio Lower Upper

146 100

111 41.9 22.2 66.6

148 62.5 33.4 100.1



#88

1,4-Dichlorobenzene

Concen: 20.892 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032513.D

Acq: 20 Nov 2025 10:31

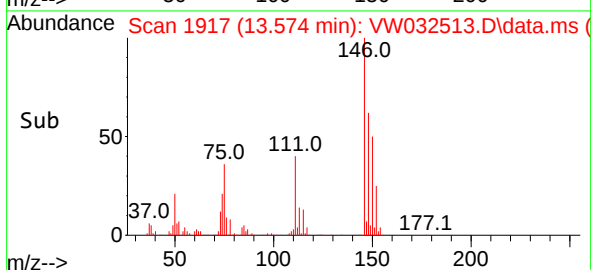
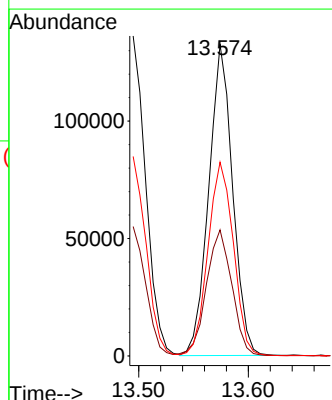
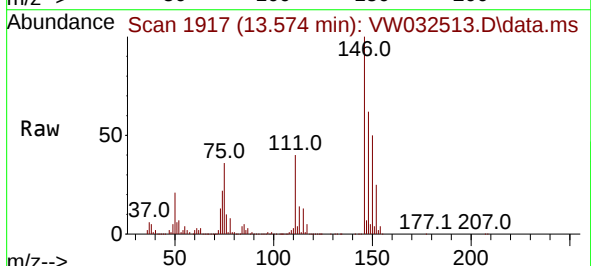
Tgt Ion:146 Resp: 200917

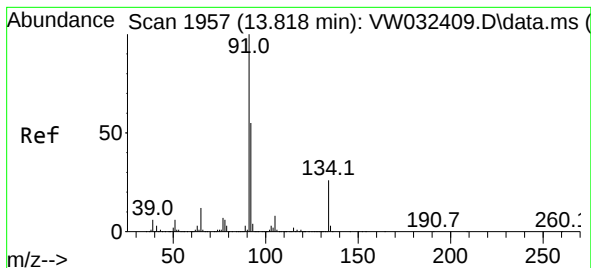
Ion Ratio Lower Upper

146 100

111 43.1 20.5 61.6

148 66.1 31.2 93.6





#89

n-Butylbenzene

Concen: 20.441 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032513.D

Acq: 20 Nov 2025 10:31

Instrument :

MSVOA\_W

ClientSampleId :

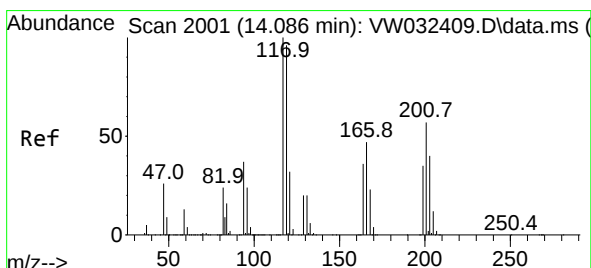
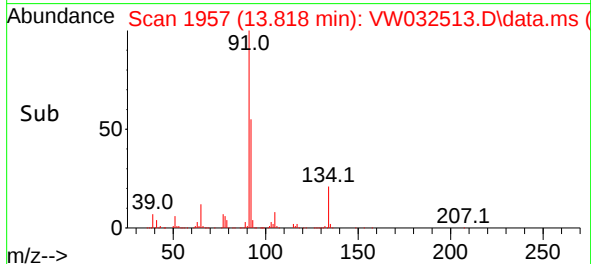
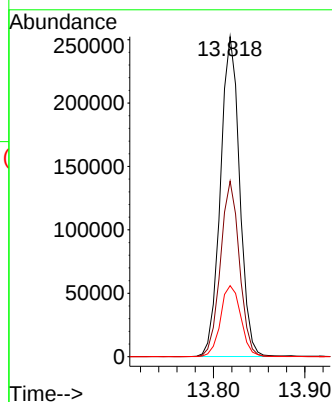
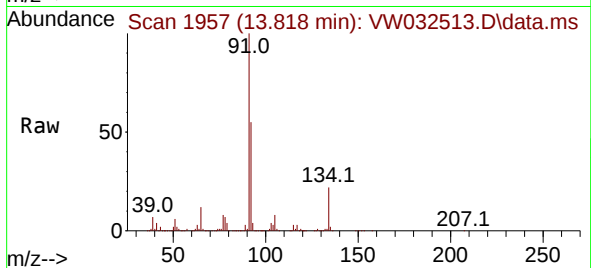
Tgt Ion: 91 Resp: 368517

Ion Ratio Lower Upper

91 100

92 54.3 27.4 82.2

134 23.5 12.4 37.4



#90

Hexachloroethane

Concen: 19.872 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW032513.D

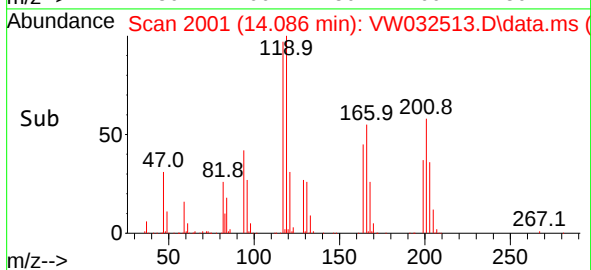
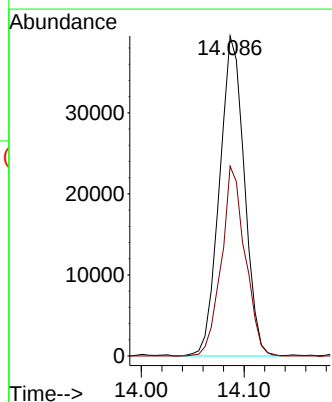
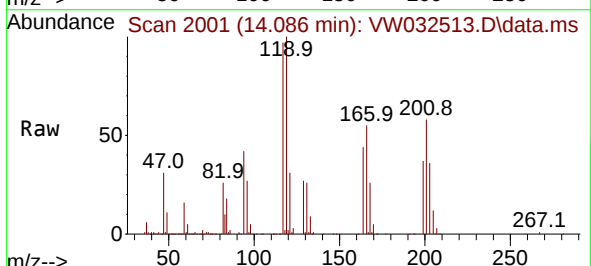
Acq: 20 Nov 2025 10:31

Tgt Ion: 117 Resp: 66117

Ion Ratio Lower Upper

117 100

201 56.7 32.0 96.0

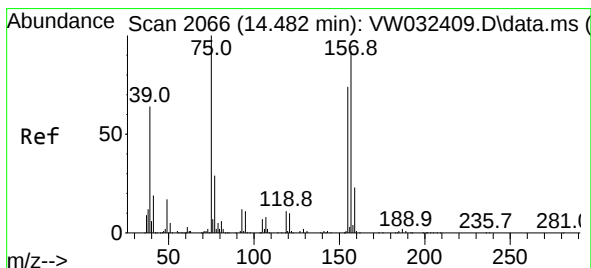
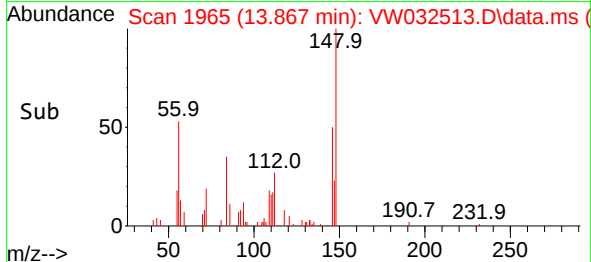
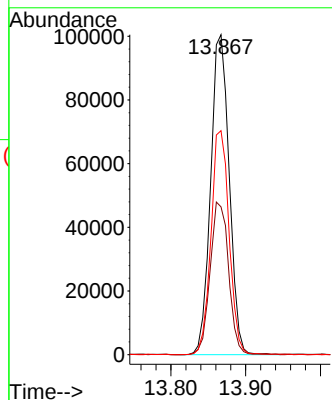
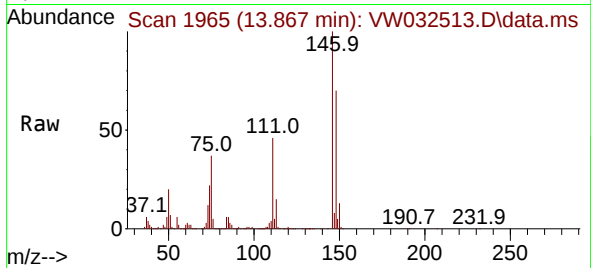




#91  
1,2-Dichlorobenzene  
Concen: 20.166 ug/l  
RT: 13.867 min Scan# 1965  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

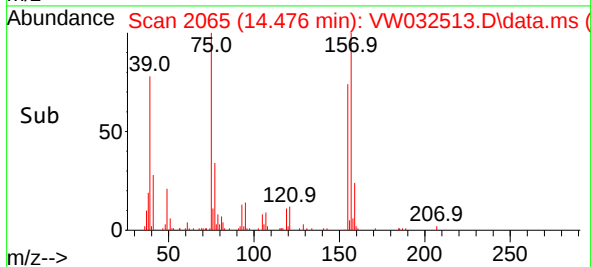
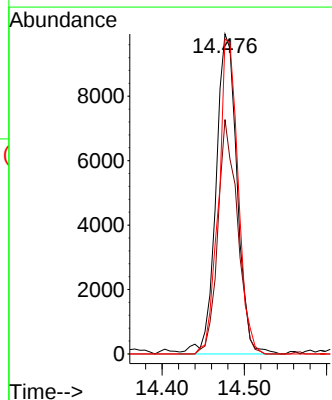
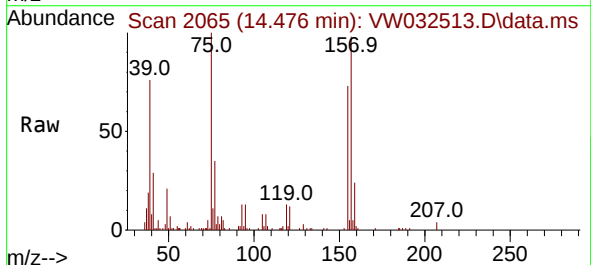
Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion:146 Resp: 173767  
Ion Ratio Lower Upper  
146 100  
111 47.6 23.4 70.2  
148 68.4 34.0 101.8



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.728 ug/l  
RT: 14.476 min Scan# 2065  
Delta R.T. -0.006 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

Tgt Ion: 75 Resp: 17721  
Ion Ratio Lower Upper  
75 100  
155 67.7 36.2 108.6  
157 90.9 47.8 143.3

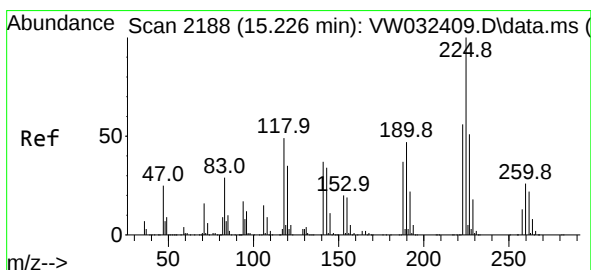
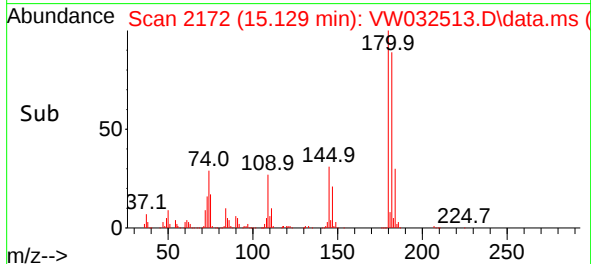
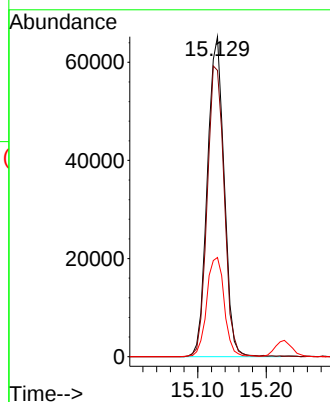
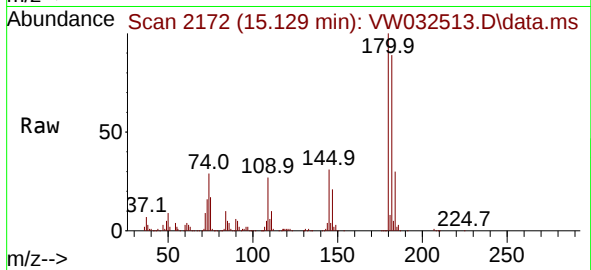




#93  
1,2,4-Trichlorobenzene  
Concen: 20.263 ug/l  
RT: 15.129 min Scan# 2172  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

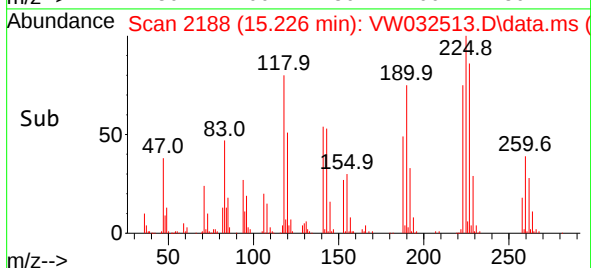
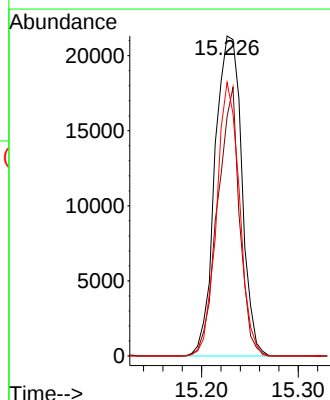
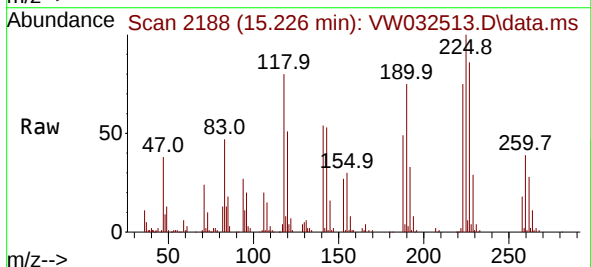
Instrument :  
MSVOA\_W  
ClientSampleId :

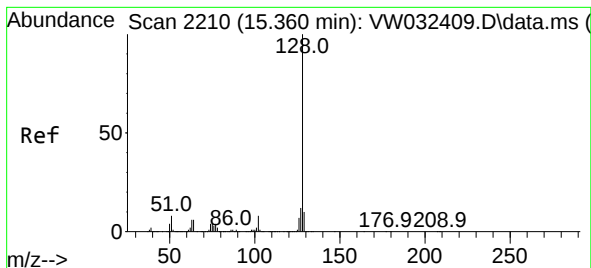
Tgt Ion:180 Resp: 111116  
Ion Ratio Lower Upper  
180 100  
182 92.0 45.3 135.9  
145 32.6 16.2 48.5



#94  
Hexachlorobutadiene  
Concen: 17.944 ug/l  
RT: 15.226 min Scan# 2188  
Delta R.T. 0.000 min  
Lab File: VW032513.D  
Acq: 20 Nov 2025 10:31

Tgt Ion:225 Resp: 40873  
Ion Ratio Lower Upper  
225 100  
223 68.9 30.6 91.8  
227 73.3 29.8 89.4





#95

Naphthalene

Concen: 18.024 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032513.D

Acq: 20 Nov 2025 10:31

Instrument :

MSVOA\_W

ClientSampleId :

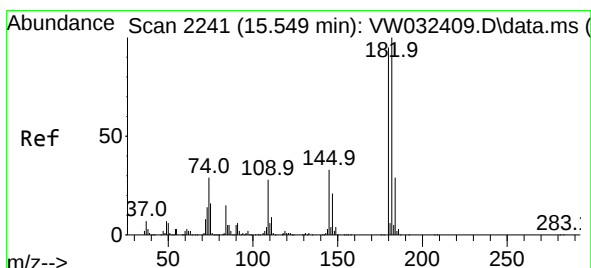
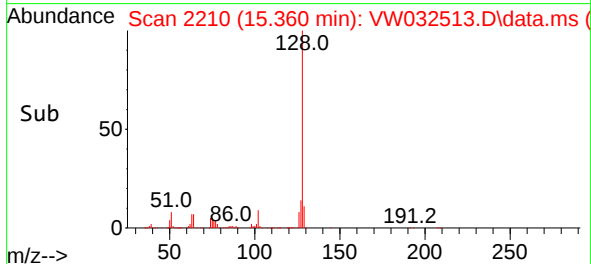
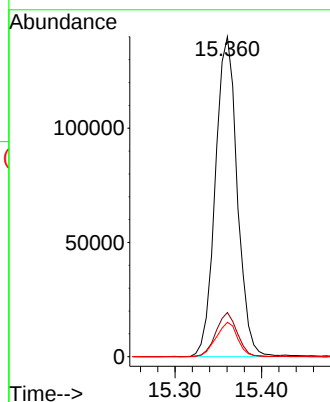
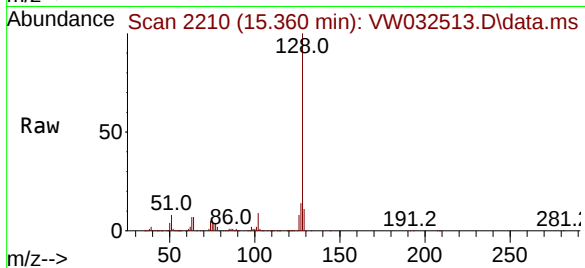
Tgt Ion:128 Resp: 246463

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.4

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.287 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW032513.D

Acq: 20 Nov 2025 10:31

Tgt Ion:180 Resp: 100996

Ion Ratio Lower Upper

180 100

182 93.4 50.3 151.0

145 35.0 17.8 53.3

