

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW120325\  
 Data File : VW032564.D  
 Acq On : 03 Dec 2025 11:53  
 Operator : SY/MD  
 Sample : VSTDICC010  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICC010

Quant Time: Dec 04 03:47:17 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W120325S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 04 03:43:50 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.965  | 168  | 330308   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.855  | 114  | 626134   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.629 | 117  | 566322   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.556 | 152  | 273817   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.319  | 65    | 52521    | 10.685   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 63 - 155 | Recovery | =    | 21.360%# |
| 35) Dibromofluoromethane    | 7.904  | 113   | 43820    | 10.635   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 70 - 134 | Recovery | =    | 21.260%# |
| 50) Toluene-d8              | 10.325 | 98    | 160418   | 10.347   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 123 | Recovery | =    | 20.700%# |
| 62) 4-Bromofluorobenzene    | 12.617 | 95    | 60879    | 10.628   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 17 - 146 | Recovery | =    | 21.260%  |

|                              |       |     |        |        |        |     |
|------------------------------|-------|-----|--------|--------|--------|-----|
| Target Compounds             |       |     |        |        | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.052 | 85  | 22235  | 10.875 | ug/l   | 85  |
| 3) Chloromethane             | 2.253 | 50  | 40740  | 10.839 | ug/l   | 97  |
| 4) Vinyl Chloride            | 2.405 | 62  | 49498  | 10.855 | ug/l   | 98  |
| 5) Bromomethane              | 2.826 | 94  | 32910  | 10.867 | ug/l   | 98  |
| 6) Chloroethane              | 2.966 | 64  | 31105  | 10.561 | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 3.308 | 101 | 37086  | 10.493 | ug/l   | 97  |
| 8) Diethyl Ether             | 3.722 | 74  | 26008  | 9.954  | ug/l   | 95  |
| 9) 1,1,2-Trichlorotrifluo... | 4.112 | 101 | 40145  | 10.744 | ug/l   | 97  |
| 10) Methyl Iodide            | 4.313 | 142 | 59318  | 10.525 | ug/l   | 98  |
| 11) Tert butyl alcohol       | 5.210 | 59  | 17312  | 45.788 | ug/l   | 97  |
| 12) 1,1-Dichloroethene       | 4.082 | 96  | 42827  | 10.165 | ug/l   | 96  |
| 13) Acrolein                 | 3.929 | 56  | 34504  | 51.489 | ug/l   | 99  |
| 14) Allyl chloride           | 4.716 | 41  | 77275  | 10.020 | ug/l   | 98  |
| 15) Acrylonitrile            | 5.411 | 53  | 61570  | 44.872 | ug/l   | 99  |
| 16) Acetone                  | 4.167 | 43  | 65763  | 42.813 | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.423 | 76  | 129151 | 10.347 | ug/l   | 97  |
| 18) Methyl Acetate           | 4.710 | 43  | 29025  | 9.175  | ug/l   | 100 |
| 19) Methyl tert-butyl Ether  | 5.466 | 73  | 74063  | 9.431  | ug/l   | 98  |
| 20) Methylene Chloride       | 4.960 | 84  | 60300  | 10.977 | ug/l   | 92  |
| 21) trans-1,2-Dichloroethene | 5.466 | 96  | 47812  | 10.386 | ug/l   | 96  |
| 22) Diisopropyl ether        | 6.338 | 45  | 152577 | 9.913  | ug/l # | 86  |
| 23) Vinyl Acetate            | 6.289 | 43  | 459918 | 45.095 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.252 | 63  | 92647  | 10.368 | ug/l   | 100 |
| 25) 2-Butanone               | 7.197 | 43  | 84810  | 43.023 | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 7.185 | 77  | 55479  | 10.710 | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.191 | 96  | 52987  | 9.887  | ug/l   | 97  |
| 28) Bromochloromethane       | 7.532 | 49  | 42963  | 10.703 | ug/l   | 98  |
| 29) Tetrahydrofuran          | 7.557 | 42  | 49007  | 41.636 | ug/l   | 99  |
| 30) Chloroform               | 7.691 | 83  | 92816  | 10.466 | ug/l   | 97  |
| 31) Cyclohexane              | 7.971 | 56  | 83450  | 10.590 | ug/l # | 92  |
| 32) 1,1,1-Trichloroethane    | 7.892 | 97  | 69677  | 10.825 | ug/l   | 96  |
| 36) 1,1-Dichloropropene      | 8.099 | 75  | 63944  | 10.174 | ug/l   | 100 |
| 37) Ethyl Acetate            | 7.276 | 43  | 38079  | 8.755  | ug/l # | 97  |
| 38) Carbon Tetrachloride     | 8.087 | 117 | 61515  | 10.535 | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.343 | 83  | 75025  | 9.776  | ug/l   | 96  |
| 40) Benzene                  | 8.337 | 78  | 203773 | 10.174 | ug/l   | 97  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW120325\  
 Data File : VW032564.D  
 Acq On : 03 Dec 2025 11:53  
 Operator : SY/MD  
 Sample : VSTDICC010  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICC010

Quant Time: Dec 04 03:47:17 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W120325S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 04 03:43:50 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.502  | 41   | 19313    | 8.207   | ug/l # | 86       |
| 42) 1,2-Dichloroethane        | 8.410  | 62   | 60476    | 9.848   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.435  | 43   | 65319    | 8.737   | ug/l   | 97       |
| 44) Trichloroethene           | 9.105  | 130  | 45770    | 10.225  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.380  | 63   | 49414    | 9.933   | ug/l   | 97       |
| 46) Dibromomethane            | 9.465  | 93   | 27840    | 9.678   | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.654  | 83   | 66233    | 9.823   | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.447  | 41   | 28214    | 8.302   | ug/l   | 91       |
| 49) 1,4-Dioxane               | 9.471  | 88   | 5369     | 156.195 | ug/l # | 91       |
| 51) 4-Methyl-2-Pentanone      | 10.215 | 43   | 177813   | 42.985  | ug/l   | 99       |
| 52) Toluene                   | 10.392 | 92   | 118964   | 9.858   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.611 | 75   | 58771    | 9.086   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.075 | 75   | 71885    | 9.470   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.788 | 97   | 37500    | 9.733   | ug/l   | 93       |
| 56) Ethyl methacrylate        | 10.648 | 69   | 43338    | 8.133   | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 10.934 | 76   | 66163    | 9.622   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.928  | 63   | 124255   | 44.505  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.971 | 43   | 121485   | 41.237  | ug/l   | 97       |
| 60) Dibromochloromethane      | 11.129 | 129  | 41704    | 9.657   | ug/l   | 94       |
| 61) 1,2-Dibromoethane         | 11.239 | 107  | 35385    | 9.657   | ug/l   | 94       |
| 64) Tetrachloroethene         | 10.867 | 164  | 36961    | 9.785   | ug/l   | 93       |
| 65) Chlorobenzene             | 11.654 | 112  | 135094   | 10.096  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.733 | 131  | 40490    | 9.783   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.727 | 91   | 218044   | 9.600   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.837 | 106  | 169262   | 19.601  | ug/l   | 97       |
| 69) o-Xylene                  | 12.166 | 106  | 74183    | 9.380   | ug/l   | 93       |
| 70) Styrene                   | 12.178 | 104  | 132575   | 9.557   | ug/l   | 100      |
| 71) Bromoform                 | 12.343 | 173  | 21143    | 9.290   | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.464 | 105  | 190301   | 9.369   | ug/l   | 98       |
| 74) N-amyl acetate            | 12.269 | 43   | 56361    | 8.382   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.714 | 83   | 45108    | 9.434   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.769 | 75   | 56096    | 15.033  | ug/l # | 1        |
| 77) Bromobenzene              | 12.745 | 156  | 46757    | 9.738   | ug/l   | 94       |
| 78) n-propylbenzene           | 12.800 | 91   | 252814   | 9.756   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.885 | 91   | 152792   | 9.889   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 167738   | 9.678   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.507 | 75   | 12793    | 8.121   | ug/l   | 89       |
| 82) 4-Chlorotoluene           | 12.983 | 91   | 167445   | 10.133  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.202 | 119  | 138228   | 9.670   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 166786   | 9.634   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.379 | 105  | 221174   | 10.032  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.495 | 119  | 174959   | 9.635   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.495 | 146  | 98770    | 10.061  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.574 | 146  | 102197   | 10.488  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.818 | 91   | 180447   | 9.785   | ug/l   | 96       |
| 90) Hexachloroethane          | 14.086 | 117  | 33804    | 9.720   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.867 | 146  | 85787    | 9.962   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.476 | 75   | 6691     | 8.116   | ug/l   | 91       |
| 93) 1,2,4-Trichlorobenzene    | 15.129 | 180  | 47774    | 9.109   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.232 | 225  | 24582    | 10.182  | ug/l   | 94       |
| 95) Naphthalene               | 15.360 | 128  | 92648    | 7.877   | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.549 | 180  | 44710    | 9.384   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW120325\  
Data File : VW032564.D  
Acq On : 03 Dec 2025 11:53  
Operator : SY/MD  
Sample : VSTDICC010  
Misc : 5.00g/5mL/MSVOA\_W/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC010

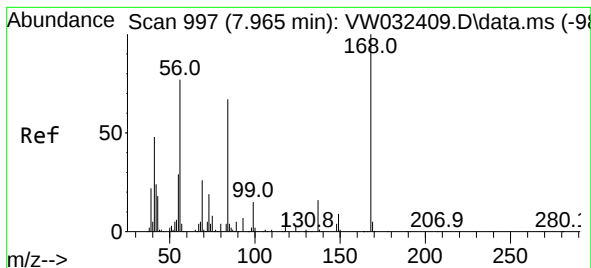
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W120325S.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 04 03:43:50 2025  
Response via : Initial Calibration

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

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

Quant Time: Dec 04 03:47:17 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W120325S.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 04 03:43:50 2025  
Response via : Initial Calibration

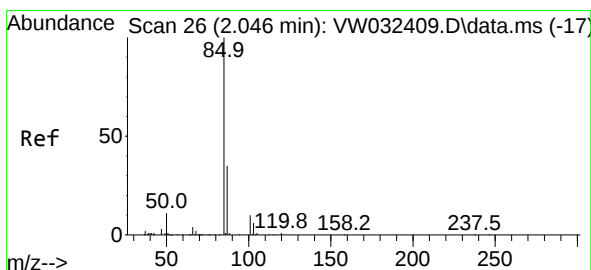
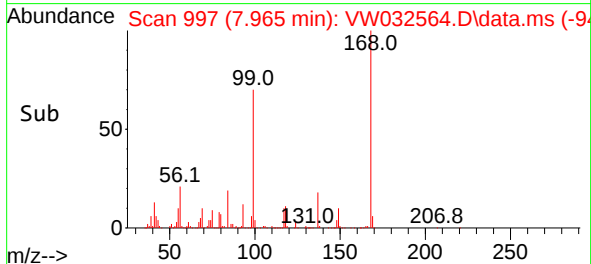
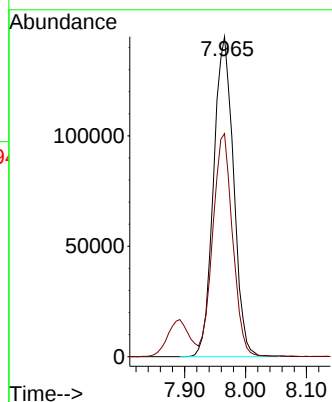
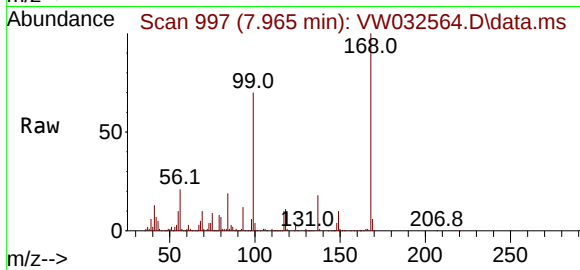




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.965 min Scan# 997  
Delta R.T. 0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

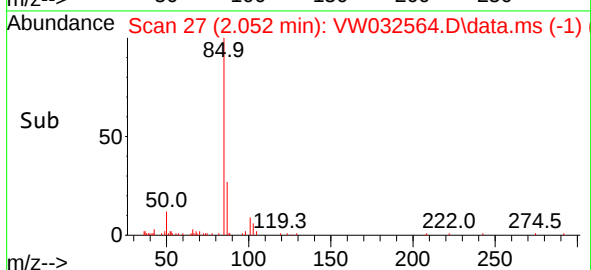
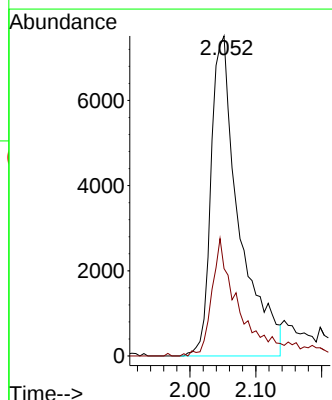
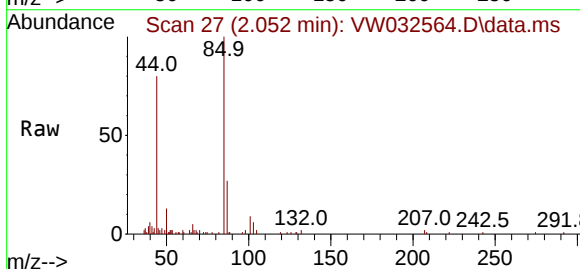
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

Tgt Ion:168 Resp: 330308  
Ion Ratio Lower Upper  
168 100  
99 69.4 51.8 77.8



#2  
Dichlorodifluoromethane  
Concen: 10.875 ug/l  
RT: 2.052 min Scan# 27  
Delta R.T. 0.012 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

Tgt Ion: 85 Resp: 22235  
Ion Ratio Lower Upper  
85 100  
87 27.3 17.9 53.8

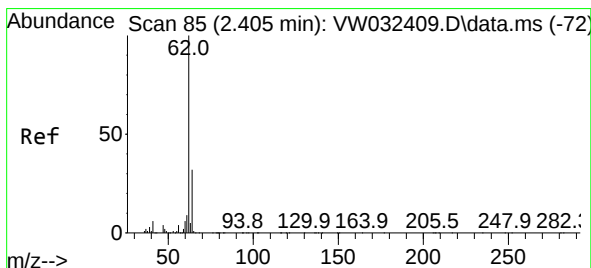
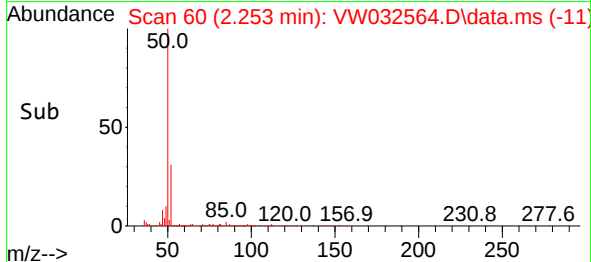
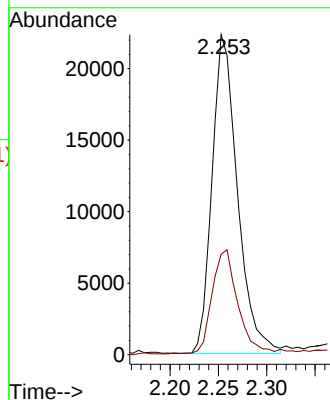
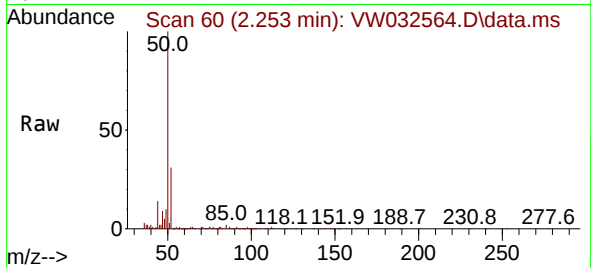




#3  
Chloromethane  
Concen: 10.839 ug/l  
RT: 2.253 min Scan# 60  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

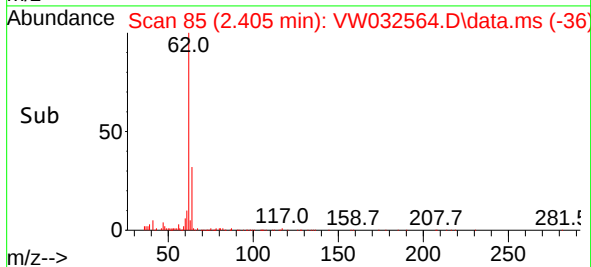
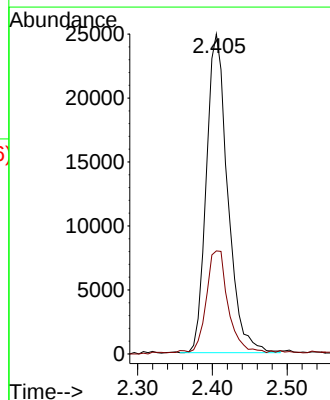
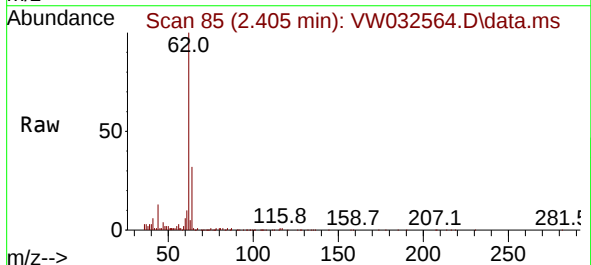
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

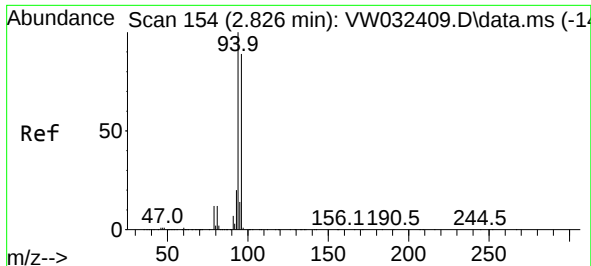
Tgt Ion: 50 Resp: 40740  
Ion Ratio Lower Upper  
50 100  
52 31.1 26.2 39.4



#4  
Vinyl Chloride  
Concen: 10.855 ug/l  
RT: 2.405 min Scan# 85  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

Tgt Ion: 62 Resp: 49498  
Ion Ratio Lower Upper  
62 100  
64 31.3 24.2 36.4

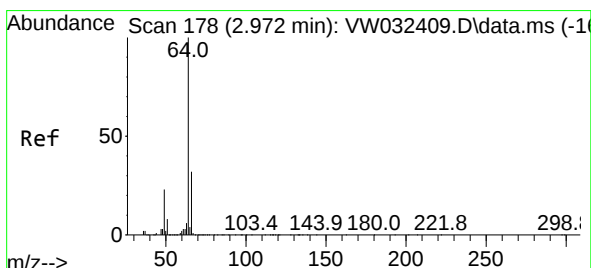
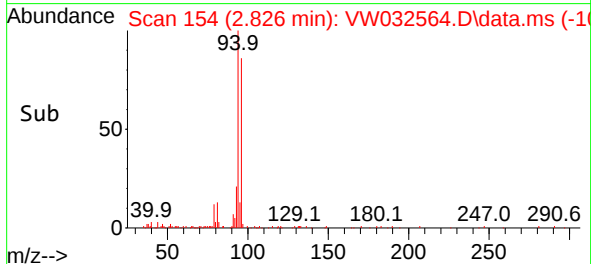
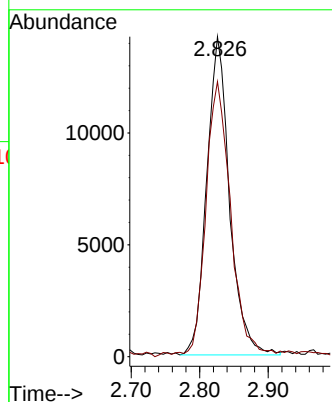
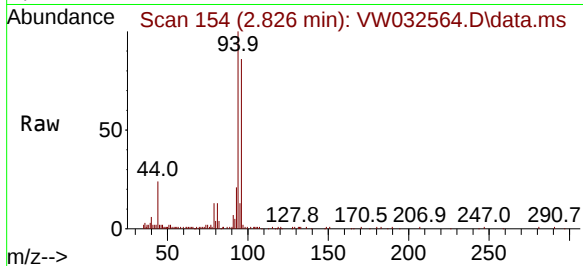




#5  
Bromomethane  
Concen: 10.867 ug/l  
RT: 2.826 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

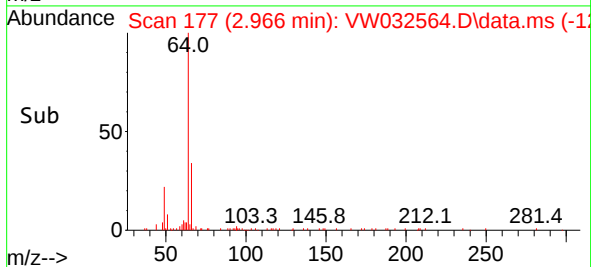
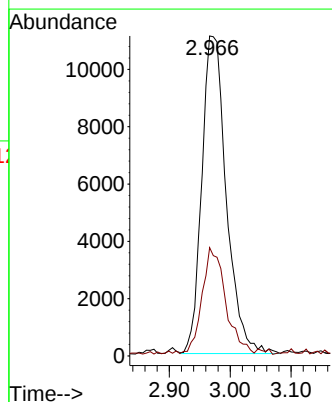
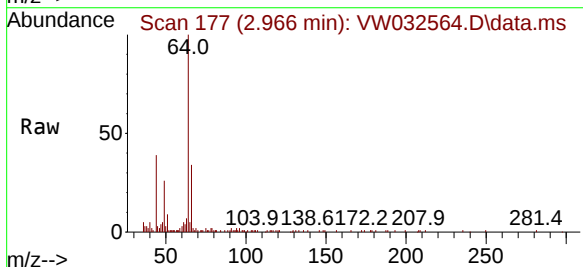
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC010

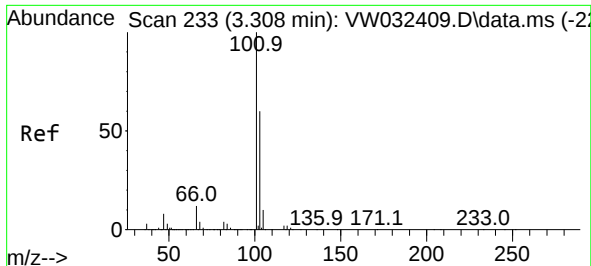
Tgt Ion: 94 Resp: 32910  
Ion Ratio Lower Upper  
94 100  
96 85.1 69.9 104.9



#6  
Chloroethane  
Concen: 10.561 ug/l  
RT: 2.966 min Scan# 177  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

Tgt Ion: 64 Resp: 31105  
Ion Ratio Lower Upper  
64 100  
66 33.3 25.4 38.2

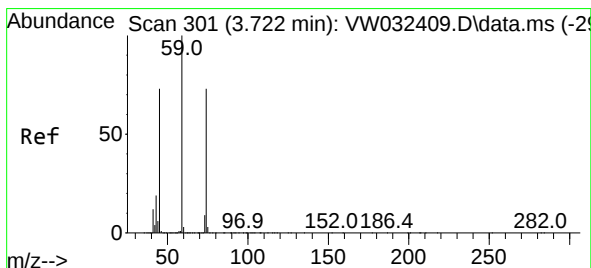
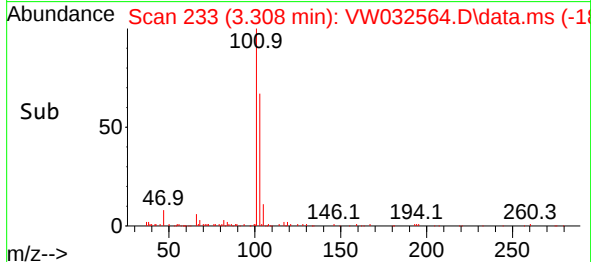
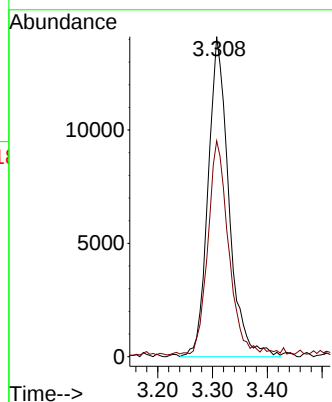
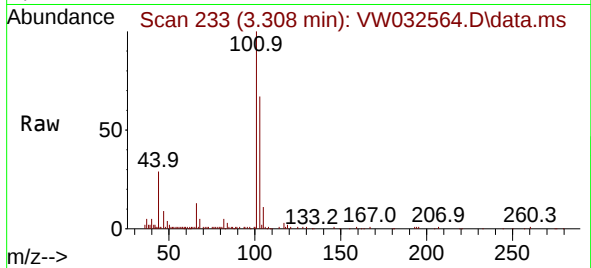




#7  
 Trichlorofluoromethane  
 Concen: 10.493 ug/l  
 RT: 3.308 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VW032564.D  
 Acq: 03 Dec 2025 11:53

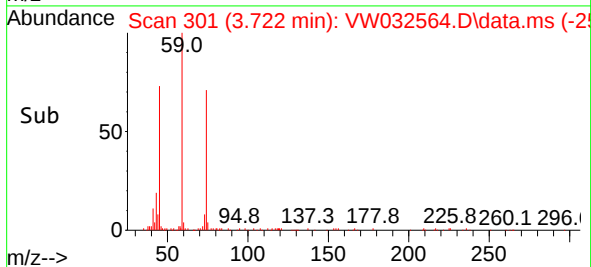
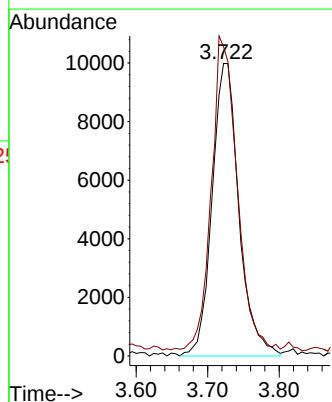
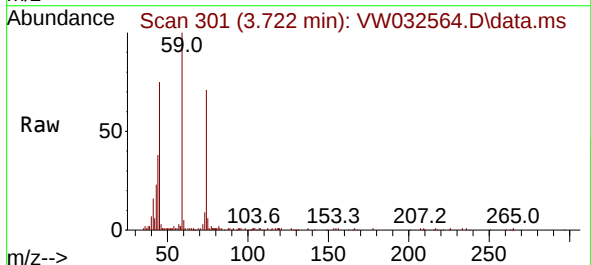
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 ClientSampleId :  
 VSTDIC010

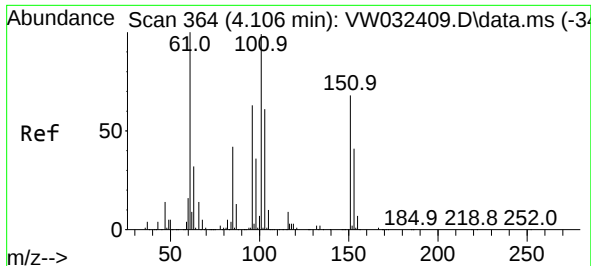
Tgt Ion:101 Resp: 37086  
 Ion Ratio Lower Upper  
 101 100  
 103 66.6 51.1 76.7



#8  
 Diethyl Ether  
 Concen: 9.954 ug/l  
 RT: 3.722 min Scan# 301  
 Delta R.T. -0.000 min  
 Lab File: VW032564.D  
 Acq: 03 Dec 2025 11:53

Tgt Ion: 74 Resp: 26008  
 Ion Ratio Lower Upper  
 74 100  
 45 102.1 53.4 160.3

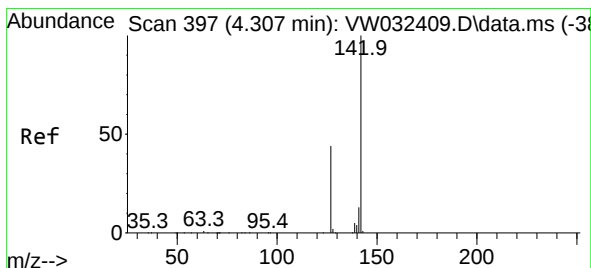
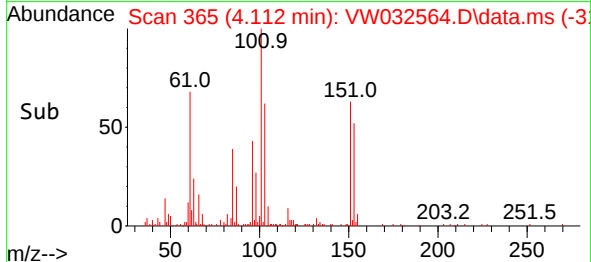
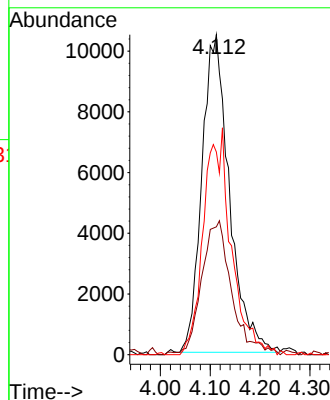
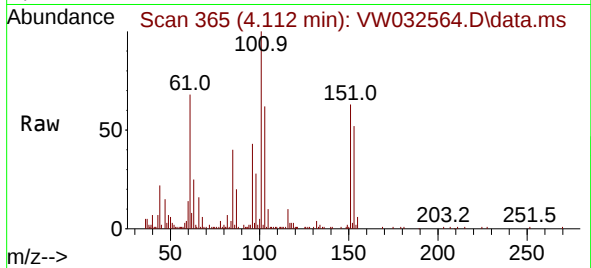




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 10.744 ug/l  
 RT: 4.112 min Scan# 365  
 Delta R.T. 0.006 min  
 Lab File: VW032564.D  
 Acq: 03 Dec 2025 11:53

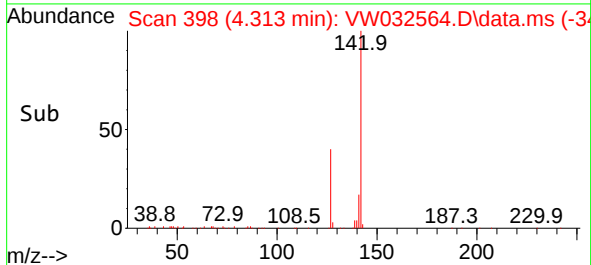
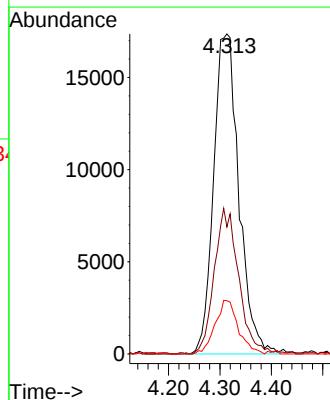
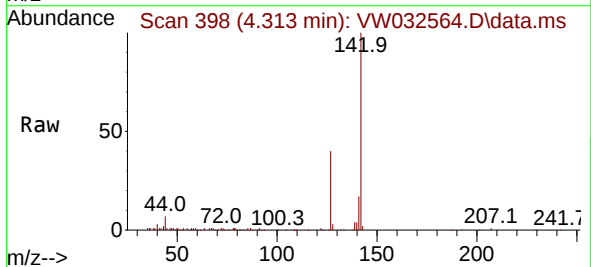
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 ClientSampleId :  
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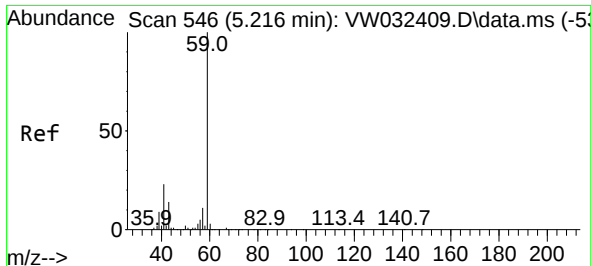
Tgt Ion:101 Resp: 40145  
 Ion Ratio Lower Upper  
 101 100  
 85 45.7 35.0 52.4  
 151 71.3 54.6 82.0



#10  
 Methyl Iodide  
 Concen: 10.525 ug/l  
 RT: 4.313 min Scan# 398  
 Delta R.T. -0.000 min  
 Lab File: VW032564.D  
 Acq: 03 Dec 2025 11:53

Tgt Ion:142 Resp: 59318  
 Ion Ratio Lower Upper  
 142 100  
 127 43.7 36.2 54.2  
 141 15.3 11.9 17.9

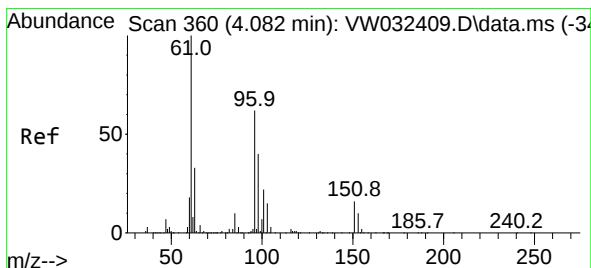
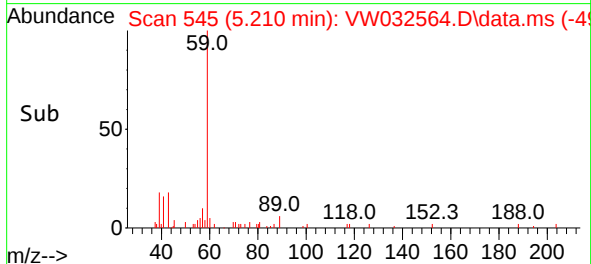
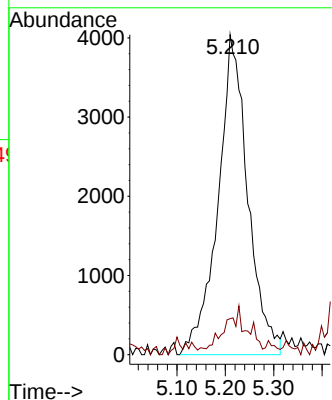
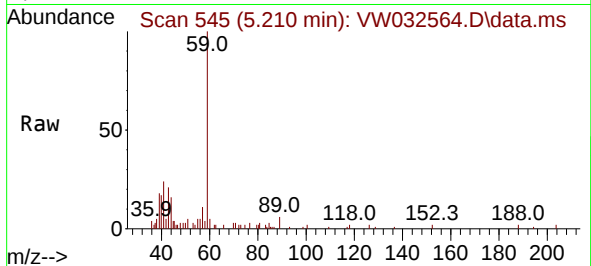




#11  
Tert butyl alcohol  
Concen: 45.788 ug/l  
RT: 5.210 min Scan# 546  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

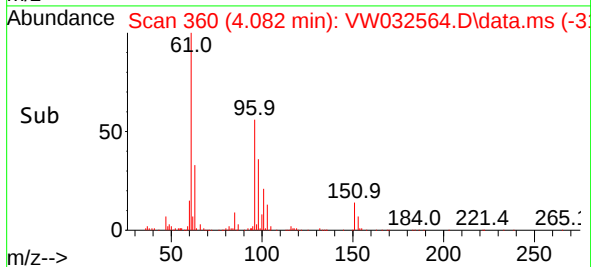
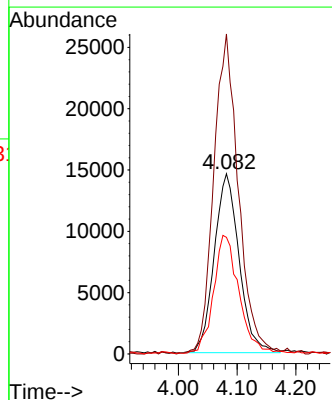
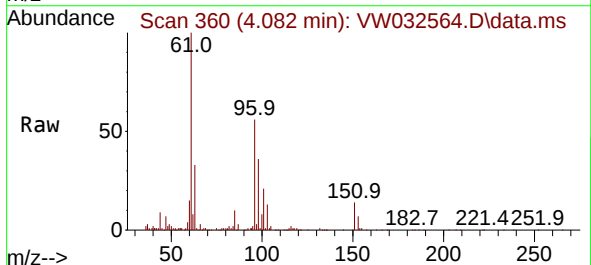
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

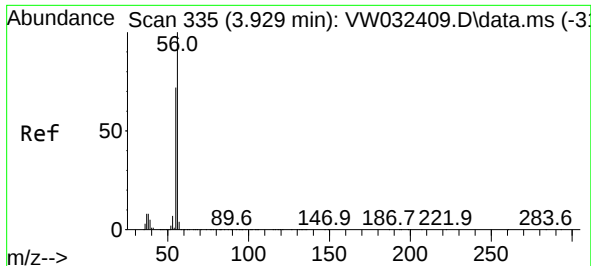
Tgt Ion: 59 Resp: 17312  
Ion Ratio Lower Upper  
59 100  
57 4.7 4.6 6.8



#12  
1,1-Dichloroethene  
Concen: 10.165 ug/l  
RT: 4.082 min Scan# 360  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

Tgt Ion: 96 Resp: 42827  
Ion Ratio Lower Upper  
96 100  
61 178.4 136.6 205.0  
98 64.7 51.4 77.2

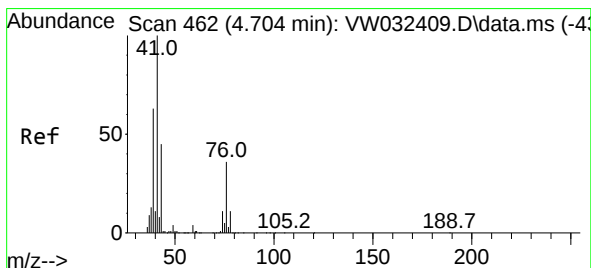
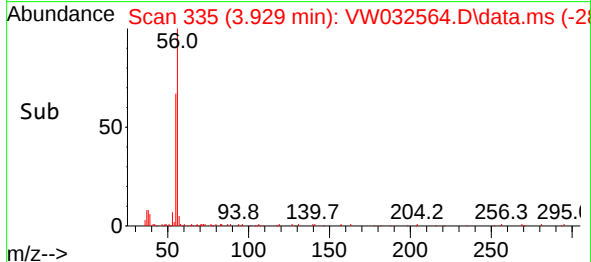
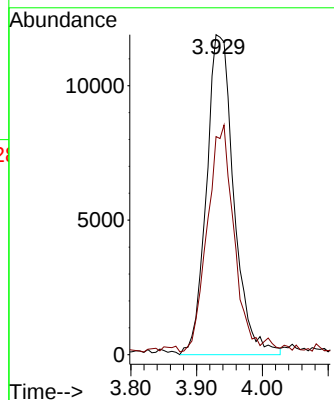
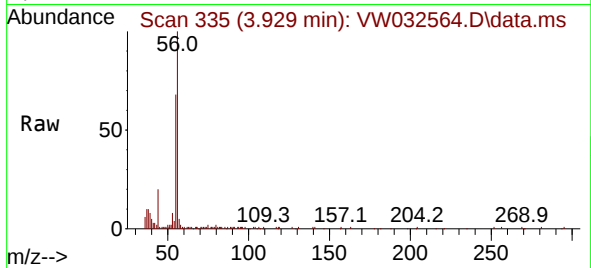




#13  
Acrolein  
Concen: 51.489 ug/l  
RT: 3.929 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

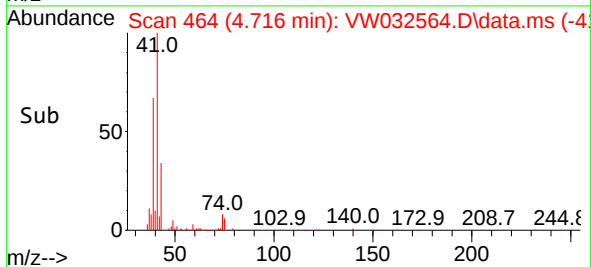
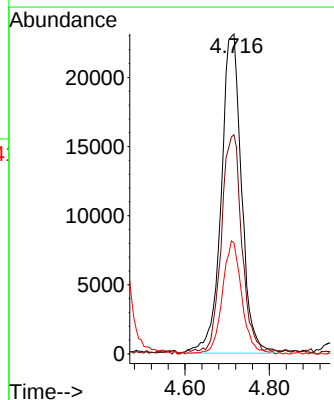
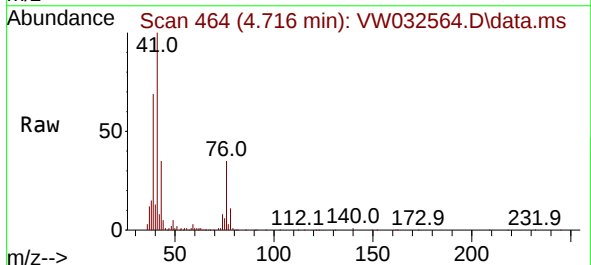
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

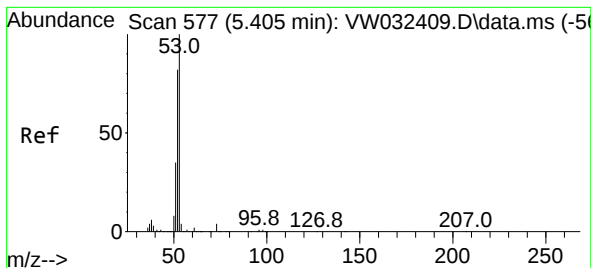
Tgt Ion: 56 Resp: 34504  
Ion Ratio Lower Upper  
56 100  
55 68.1 55.2 82.8



#14  
Allyl chloride  
Concen: 10.020 ug/l  
RT: 4.716 min Scan# 464  
Delta R.T. 0.006 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

Tgt Ion: 41 Resp: 77275  
Ion Ratio Lower Upper  
41 100  
39 67.3 52.9 79.3  
76 33.8 25.8 38.6





#15

Acrylonitrile

Concen: 44.872 ug/l

RT: 5.411 min Scan# 51

Delta R.T. 0.012 min

Lab File: VW032564.D

Acq: 03 Dec 2025 11:53

Instrument :

MSVOA\_W

ClientSampleId :

VSTDICC010

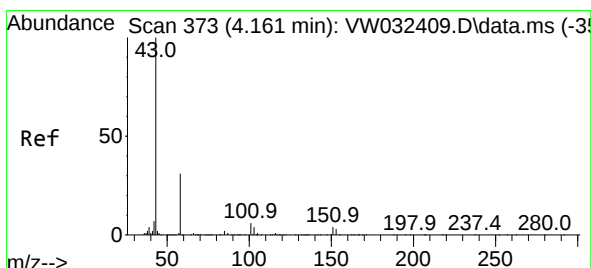
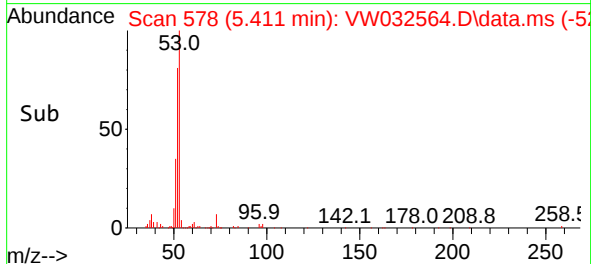
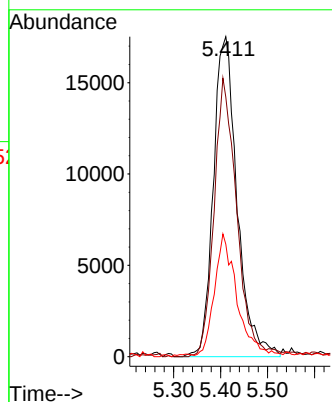
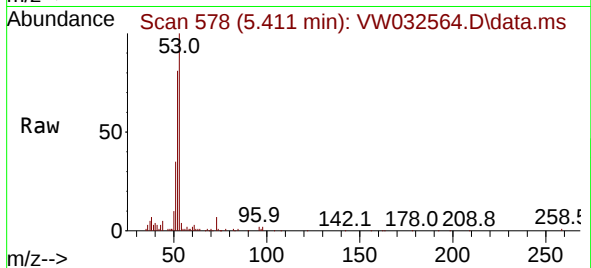
Tgt Ion: 53 Resp: 61570

Ion Ratio Lower Upper

53 100

52 83.1 66.2 99.2

51 35.7 29.3 43.9



#16

Acetone

Concen: 42.813 ug/l

RT: 4.167 min Scan# 374

Delta R.T. 0.006 min

Lab File: VW032564.D

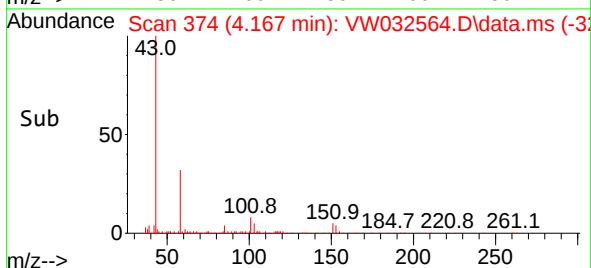
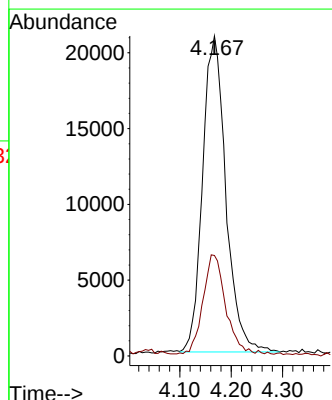
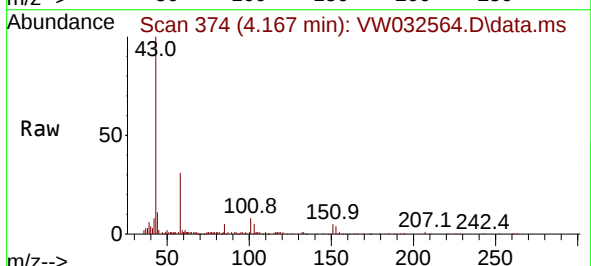
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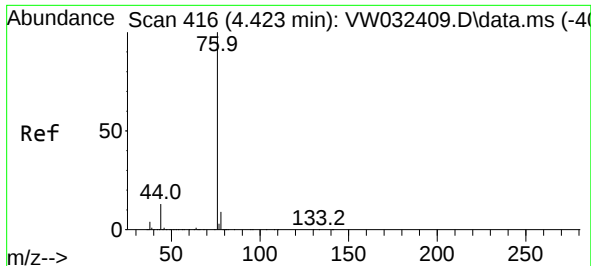
Tgt Ion: 43 Resp: 65763

Ion Ratio Lower Upper

43 100

58 30.8 23.5 35.3

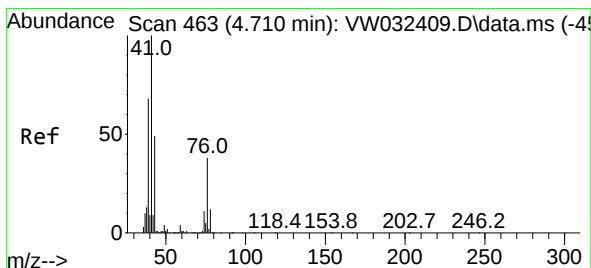
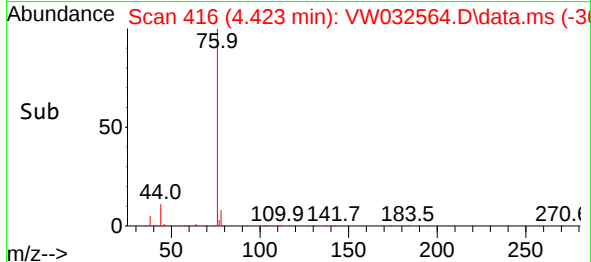
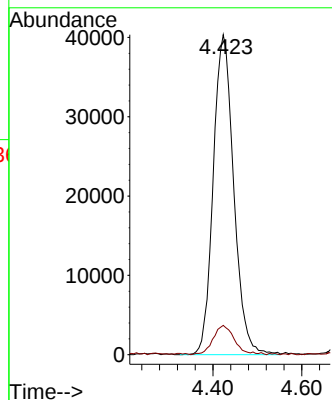
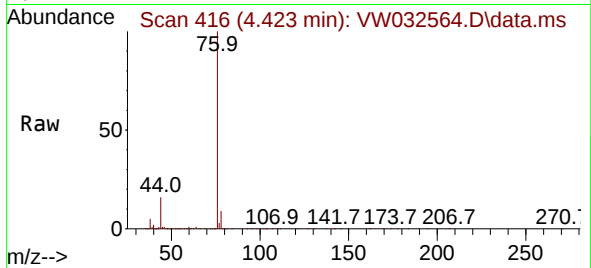




#17  
Carbon Disulfide  
Concen: 10.347 ug/l  
RT: 4.423 min Scan# 416  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

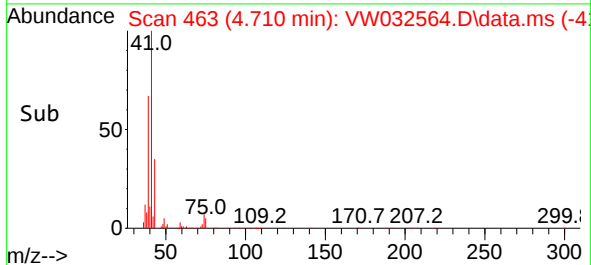
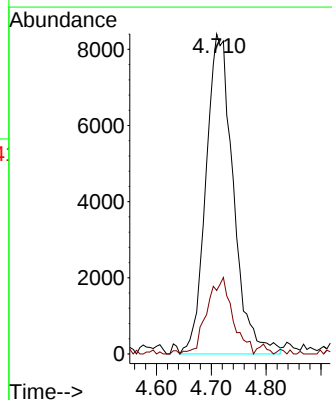
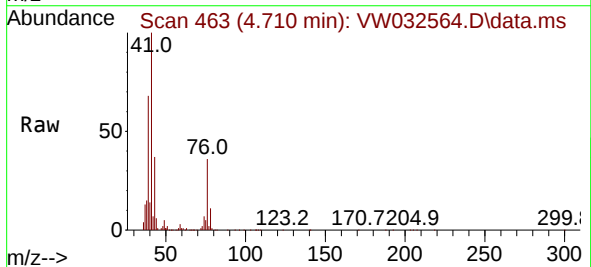
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

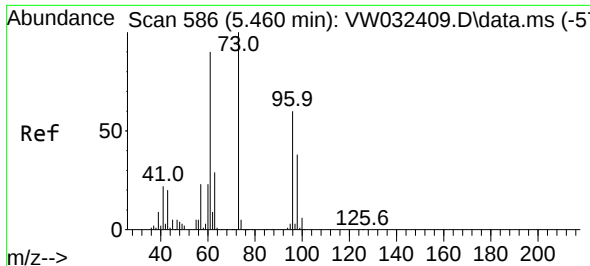
Tgt Ion: 76 Resp: 129151  
Ion Ratio Lower Upper  
76 100  
78 9.1 6.6 9.8



#18  
Methyl Acetate  
Concen: 9.175 ug/l  
RT: 4.710 min Scan# 463  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

Tgt Ion: 43 Resp: 29025  
Ion Ratio Lower Upper  
43 100  
74 22.3 17.9 26.9

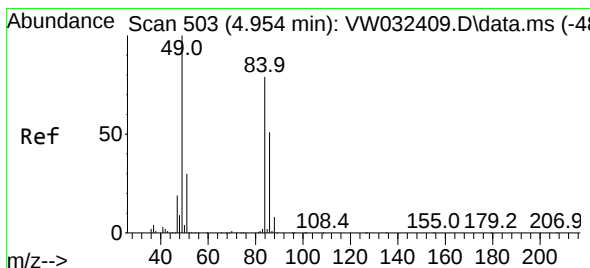
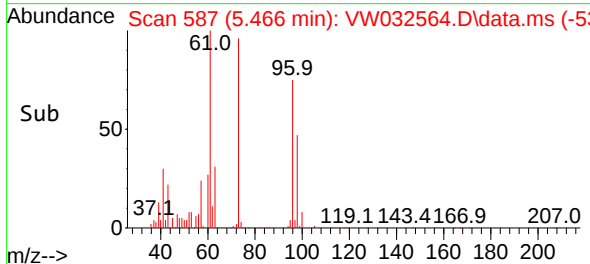
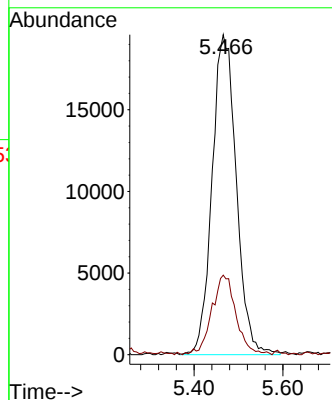
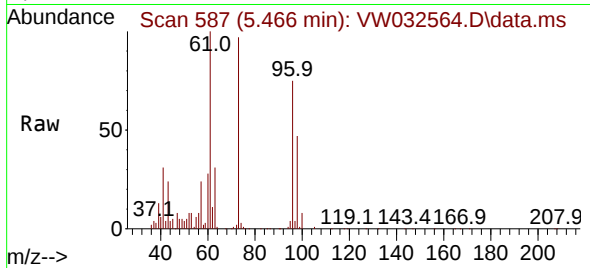




#19  
Methyl tert-butyl Ether  
Concen: 9.431 ug/l  
RT: 5.466 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

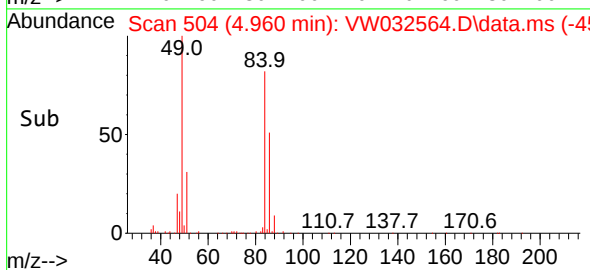
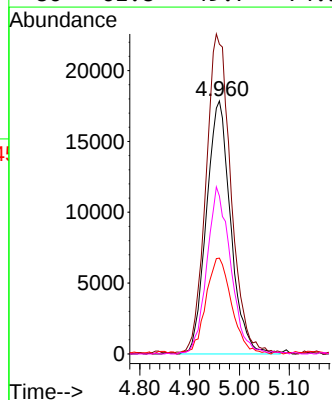
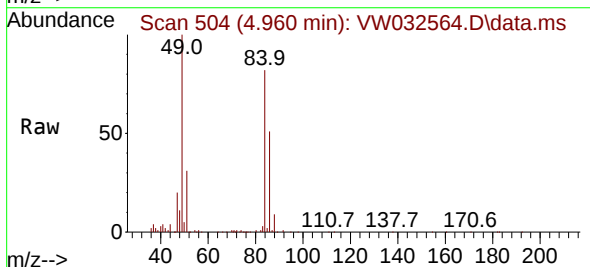
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ClientSampleId :  
VSTDICC010

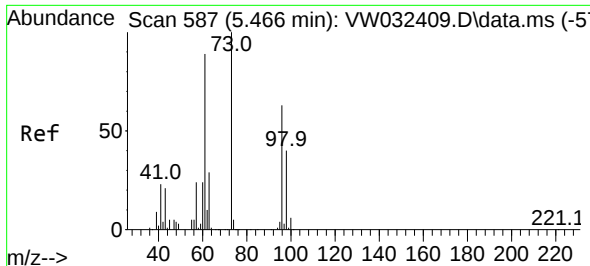
Tgt Ion: 73 Resp: 74063  
Ion Ratio Lower Upper  
73 100  
57 24.6 19.0 28.4



#20  
Methylene Chloride  
Concen: 10.977 ug/l  
RT: 4.960 min Scan# 504  
Delta R.T. 0.006 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

Tgt Ion: 84 Resp: 60300  
Ion Ratio Lower Upper  
84 100  
49 121.8 107.6 161.4  
51 37.4 33.9 50.9  
86 61.8 49.7 74.5

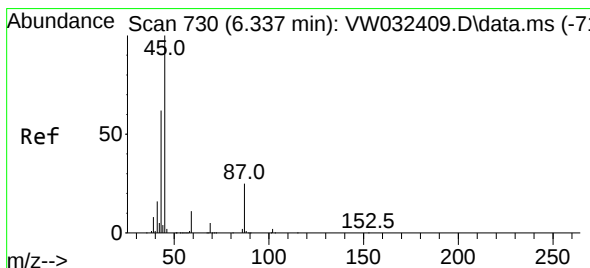
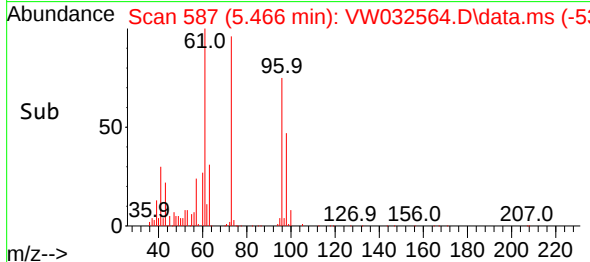
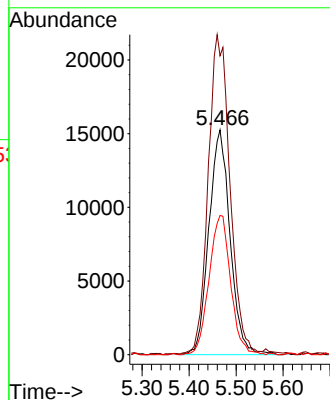
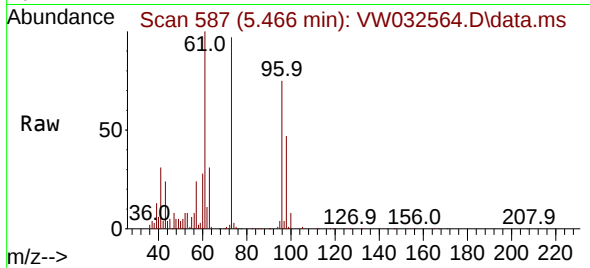




#21  
trans-1,2-Dichloroethene  
Concen: 10.386 ug/l  
RT: 5.466 min Scan# 587  
Delta R.T. 0.006 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

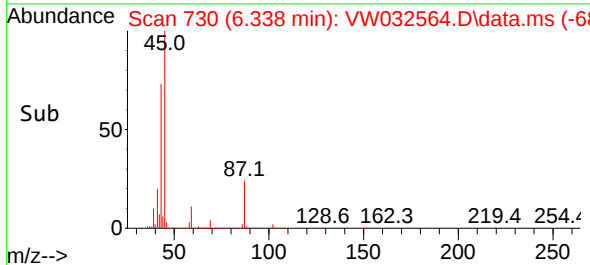
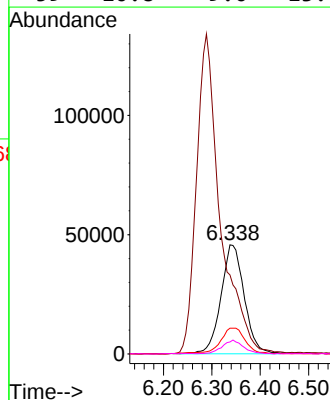
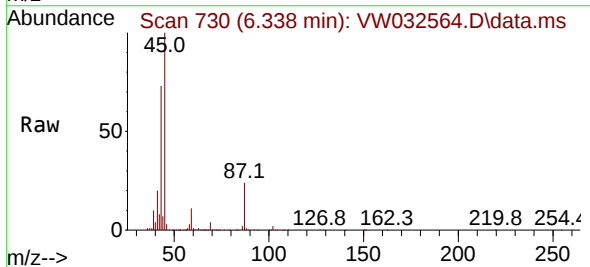
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

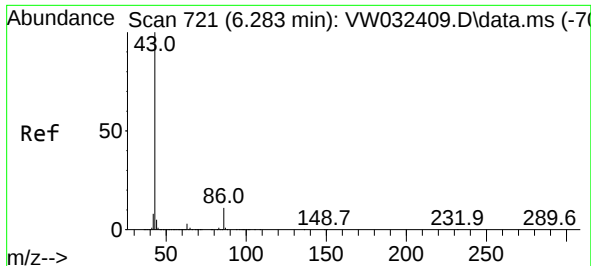
Tgt Ion: 96 Resp: 47812  
Ion Ratio Lower Upper  
96 100  
61 132.2 111.0 166.4  
98 61.9 48.4 72.6



#22  
Diisopropyl ether  
Concen: 9.913 ug/l  
RT: 6.338 min Scan# 730  
Delta R.T. -0.006 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

Tgt Ion: 45 Resp: 152577  
Ion Ratio Lower Upper  
45 100  
43 70.7 44.5 66.7#  
87 23.2 19.7 29.5  
59 10.8 9.0 13.6

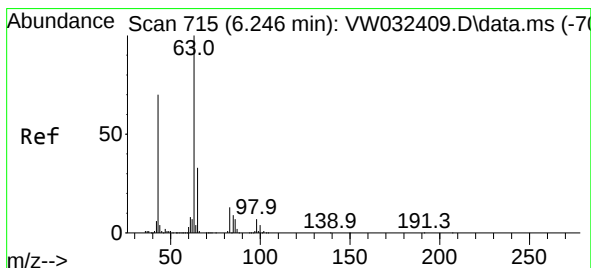
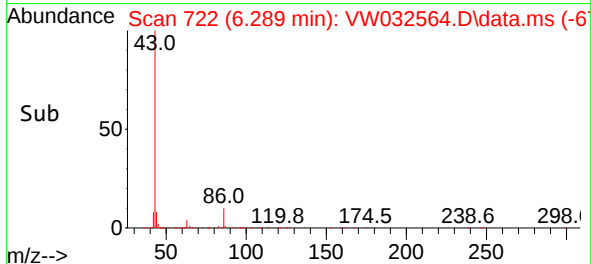
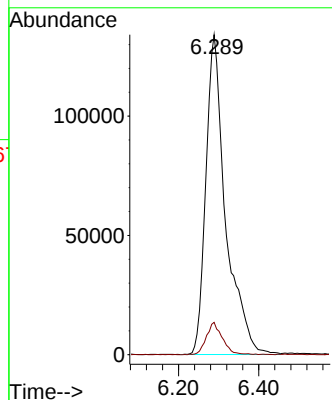
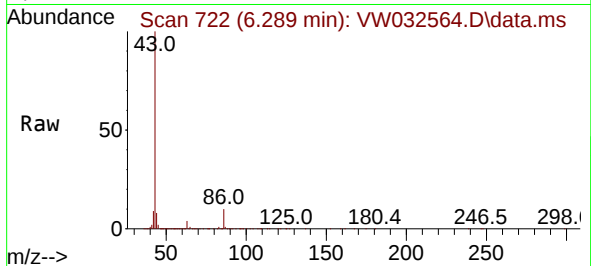




#23  
 Vinyl Acetate  
 Concen: 45.095 ug/l  
 RT: 6.289 min Scan# 716  
 Delta R.T. 0.006 min  
 Lab File: VW032564.D  
 Acq: 03 Dec 2025 11:53

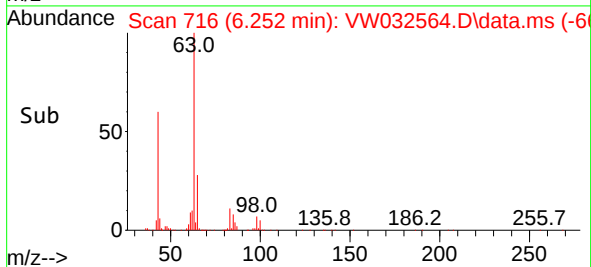
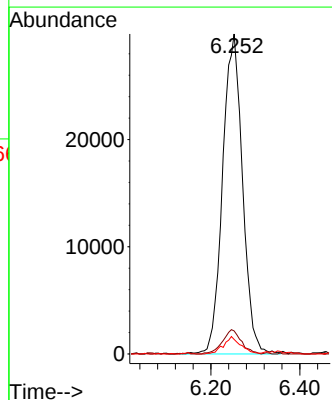
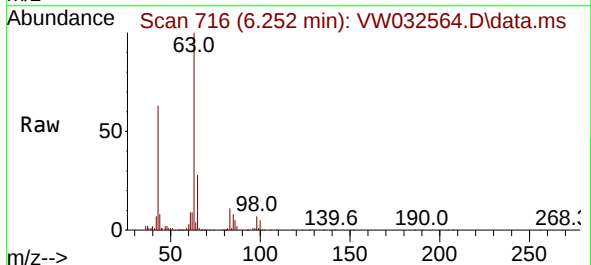
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

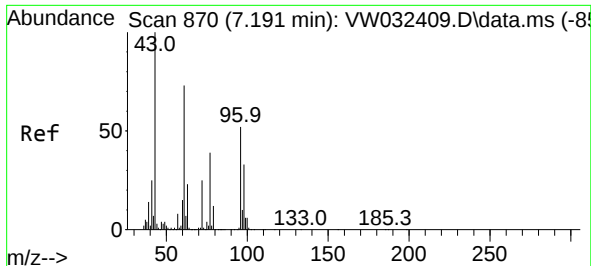
Tgt Ion: 43 Resp: 459918  
 Ion Ratio Lower Upper  
 43 100  
 86 10.1 7.8 11.8



#24  
 1,1-Dichloroethane  
 Concen: 10.368 ug/l  
 RT: 6.252 min Scan# 716  
 Delta R.T. 0.006 min  
 Lab File: VW032564.D  
 Acq: 03 Dec 2025 11:53

Tgt Ion: 63 Resp: 92647  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.4 10.2  
 100 4.5 2.3 6.8

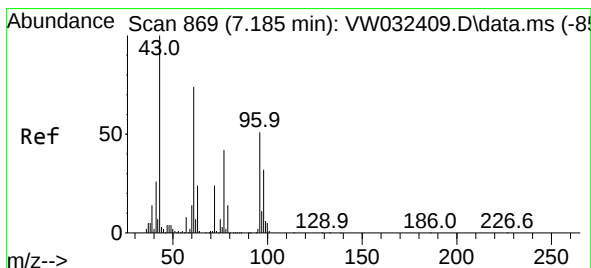
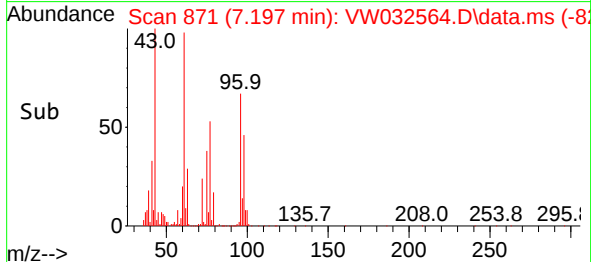
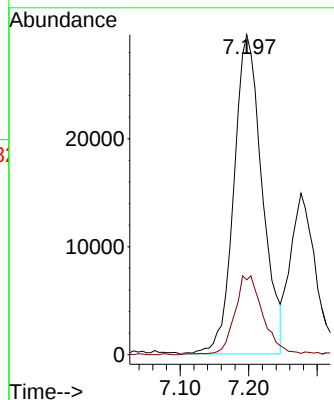
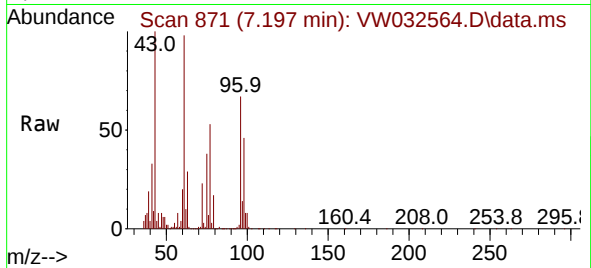




#25  
2-Butanone  
Concen: 43.023 ug/l  
RT: 7.197 min Scan# 871  
Delta R.T. 0.006 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

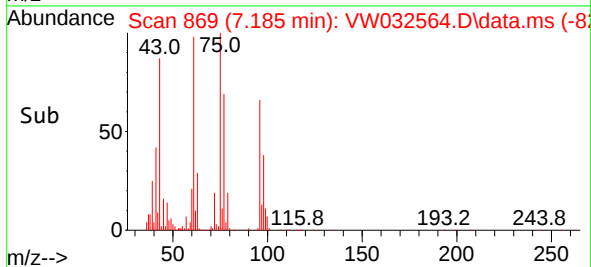
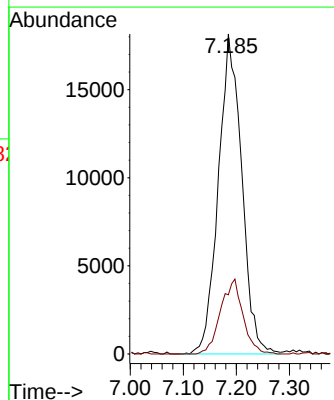
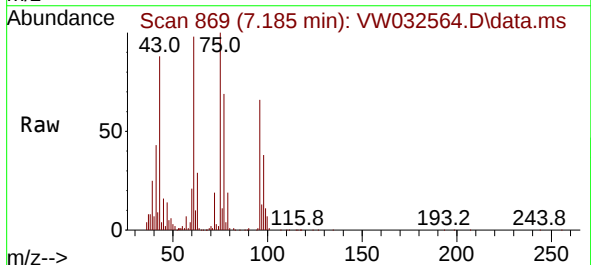
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC010

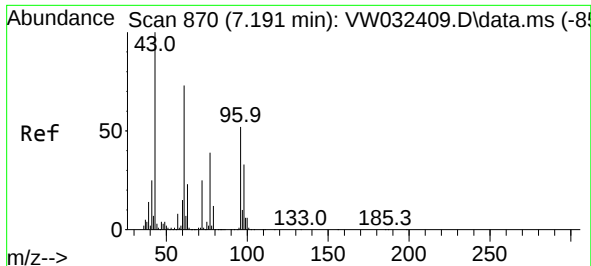
Tgt Ion: 43 Resp: 84810  
Ion Ratio Lower Upper  
43 100  
72 23.5 19.7 29.5



#26  
2,2-Dichloropropane  
Concen: 10.710 ug/l  
RT: 7.185 min Scan# 869  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

Tgt Ion: 77 Resp: 55479  
Ion Ratio Lower Upper  
77 100  
97 22.5 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 9.887 ug/l

RT: 7.191 min Scan# 870

Delta R.T. -0.000 min

Lab File: VW032564.D

Acq: 03 Dec 2025 11:53

Instrument :

MSVOA\_W

ClientSampleId :

VSTDICC010

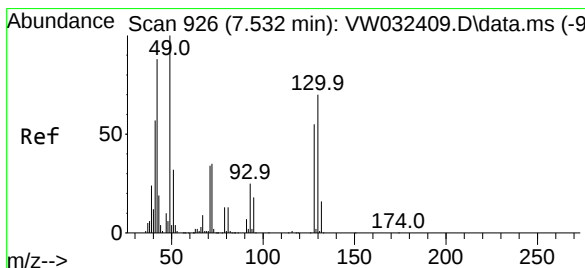
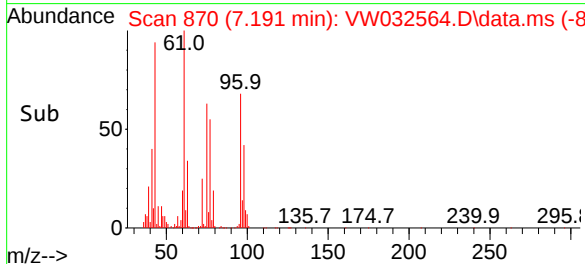
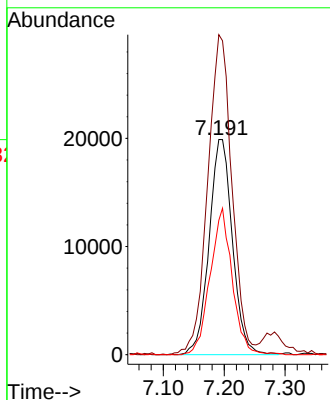
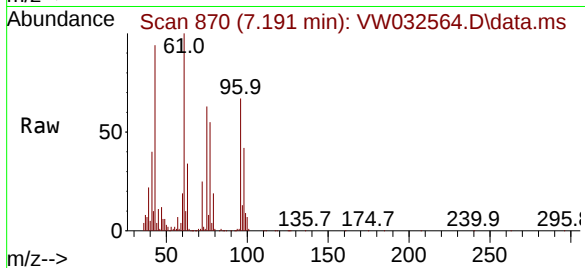
Tgt Ion: 96 Resp: 52987

Ion Ratio Lower Upper

96 100

61 154.6 0.0 298.6

98 64.5 0.0 129.2



#28

Bromochloromethane

Concen: 10.703 ug/l

RT: 7.532 min Scan# 926

Delta R.T. -0.000 min

Lab File: VW032564.D

Acq: 03 Dec 2025 11:53

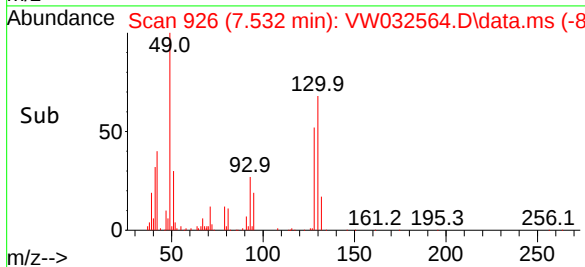
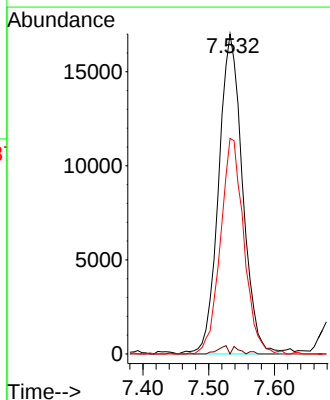
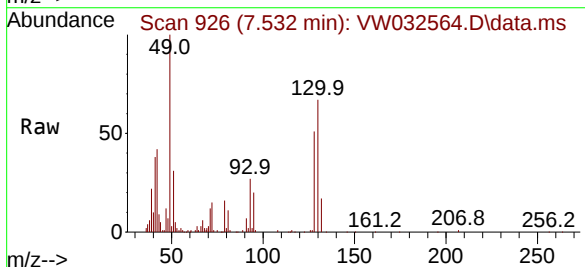
Tgt Ion: 49 Resp: 42963

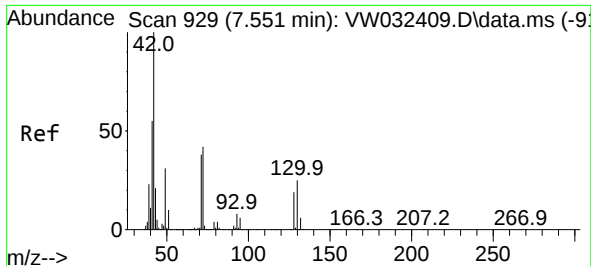
Ion Ratio Lower Upper

49 100

129 0.7 0.0 3.6

130 66.1 54.1 81.1

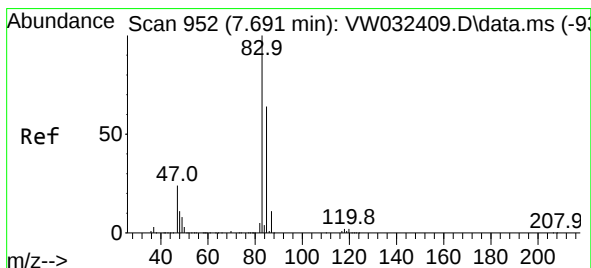
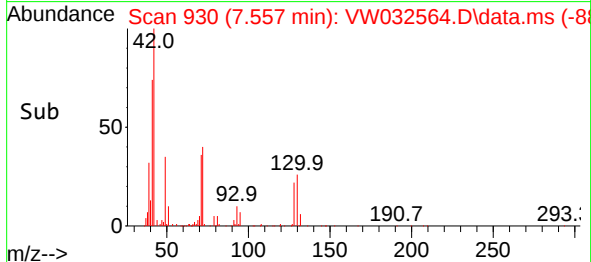
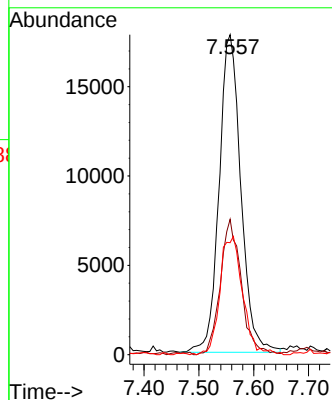
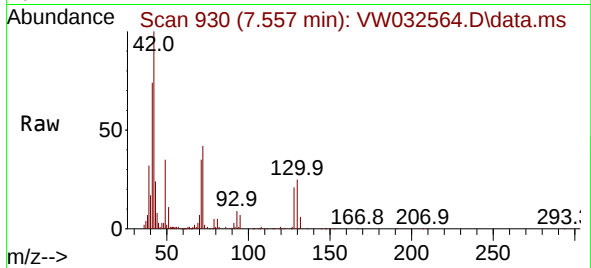




#29  
Tetrahydrofuran  
Concen: 41.636 ug/l  
RT: 7.557 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

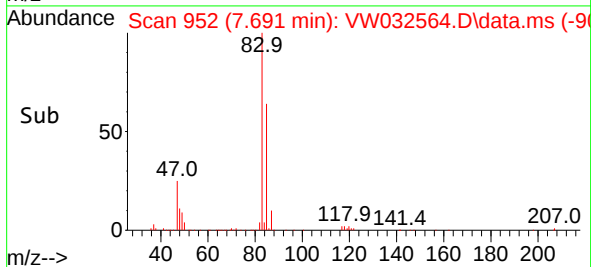
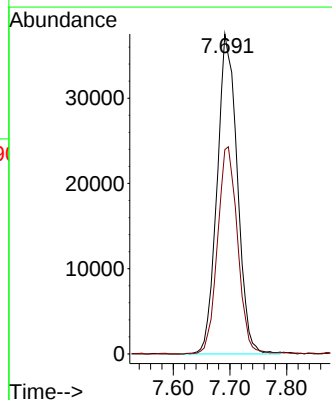
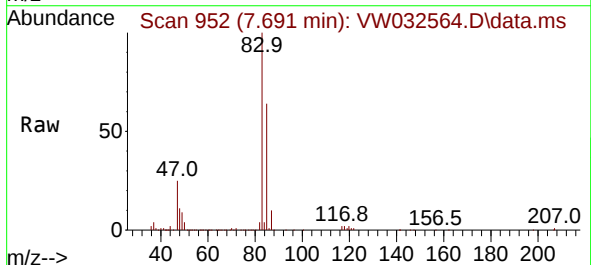
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

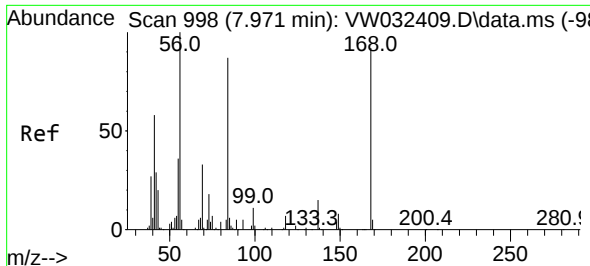
Tgt Ion: 42 Resp: 49007  
Ion Ratio Lower Upper  
42 100  
72 41.1 32.4 48.6  
71 39.0 31.1 46.7



#30  
Chloroform  
Concen: 10.466 ug/l  
RT: 7.691 min Scan# 952  
Delta R.T. -0.006 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

Tgt Ion: 83 Resp: 92816  
Ion Ratio Lower Upper  
83 100  
85 63.9 53.1 79.7

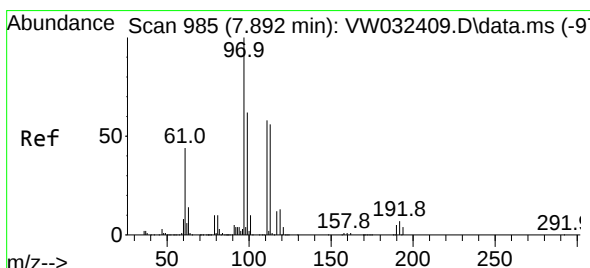
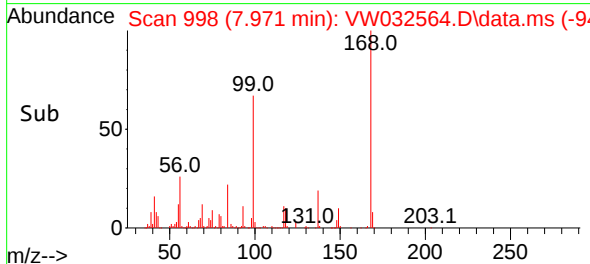
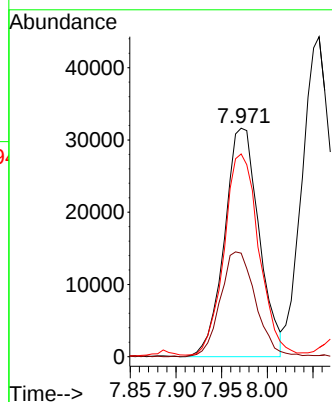
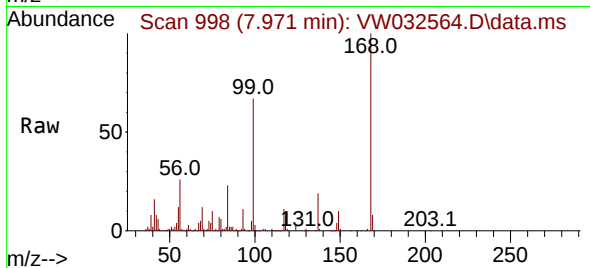




#31  
Cyclohexane  
Concen: 10.590 ug/l  
RT: 7.971 min Scan# 998  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

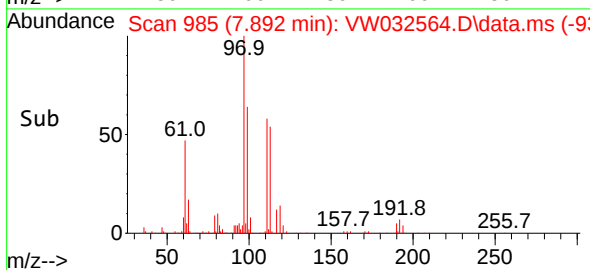
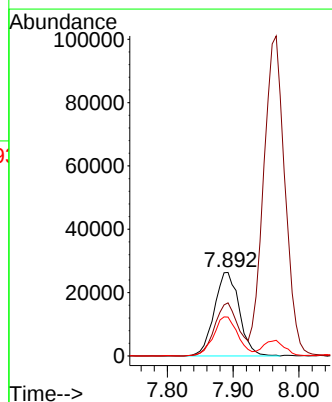
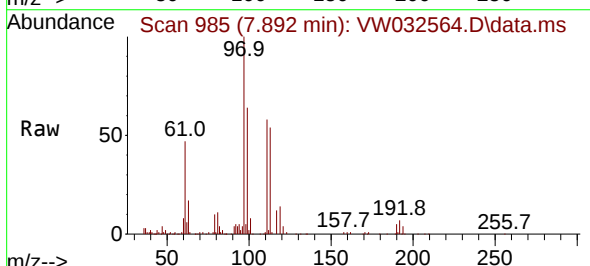
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC010

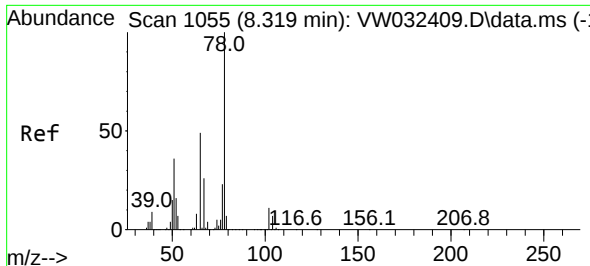
Tgt Ion: 56 Resp: 83450  
Ion Ratio Lower Upper  
56 100  
69 45.3 27.3 40.9#  
84 88.0 67.5 101.3



#32  
1,1,1-Trichloroethane  
Concen: 10.825 ug/l  
RT: 7.892 min Scan# 985  
Delta R.T. 0.006 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

Tgt Ion: 97 Resp: 69677  
Ion Ratio Lower Upper  
97 100  
99 60.7 51.8 77.8  
61 45.6 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 10.685 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW032564.D

Acq: 03 Dec 2025 11:53

Instrument :

MSVOA\_W

ClientSampleId :

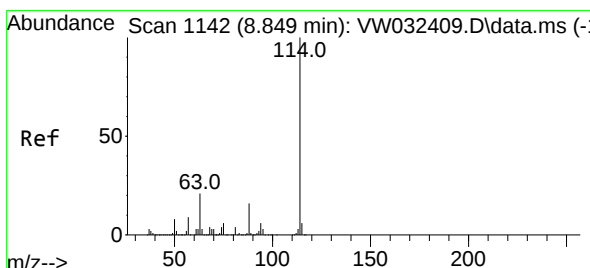
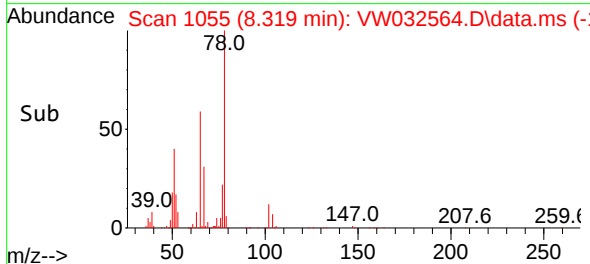
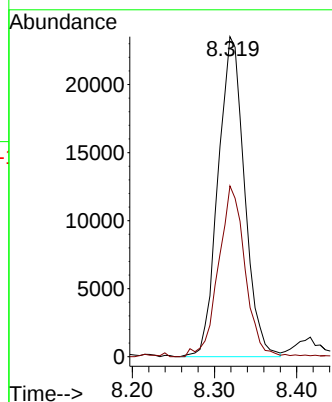
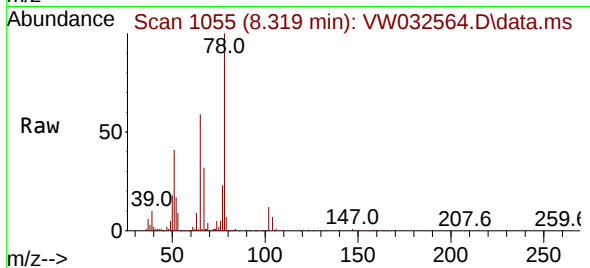
VSTDIC010

Tgt Ion: 65 Resp: 52521

Ion Ratio Lower Upper

65 100

67 53.8 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VW032564.D

Acq: 03 Dec 2025 11:53

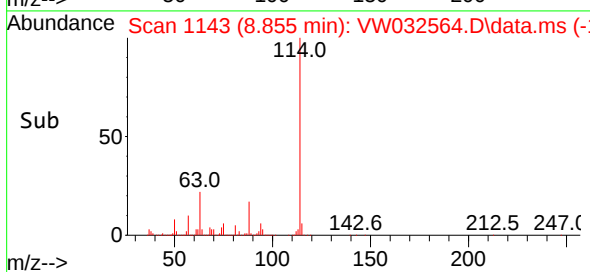
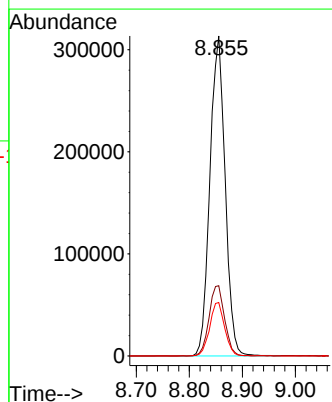
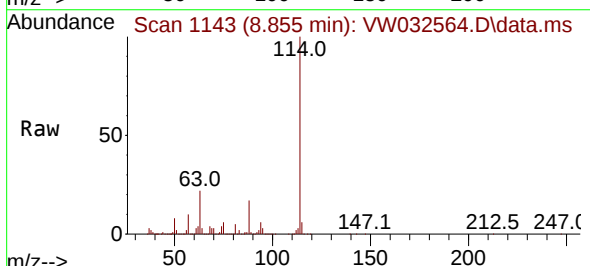
Tgt Ion: 114 Resp: 626134

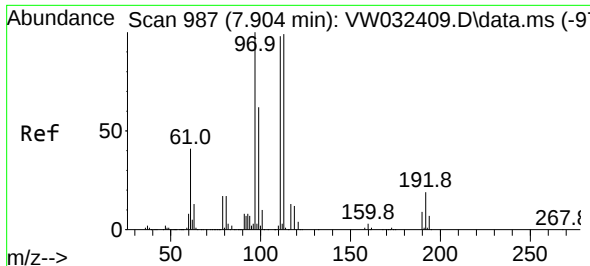
Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.6

88 16.7 0.0 31.2

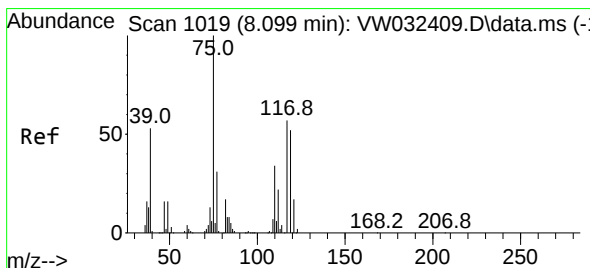
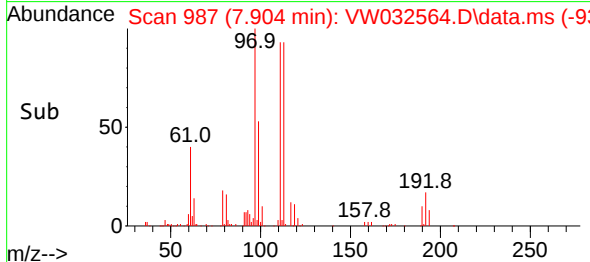
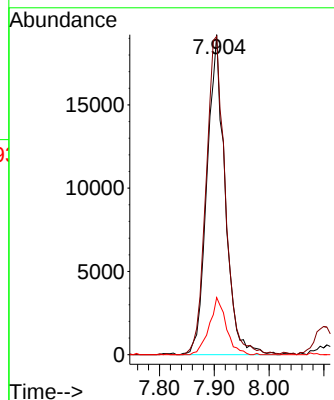
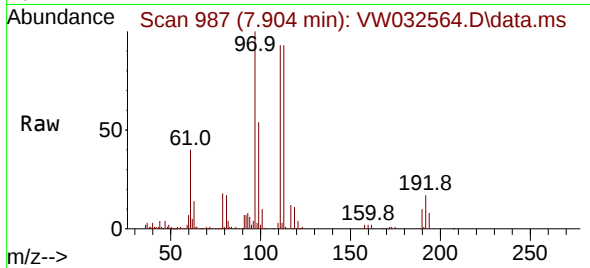




#35  
 Dibromofluoromethane  
 Concen: 10.635 ug/l  
 RT: 7.904 min Scan# 91  
 Delta R.T. -0.000 min  
 Lab File: VW032564.D  
 Acq: 03 Dec 2025 11:53

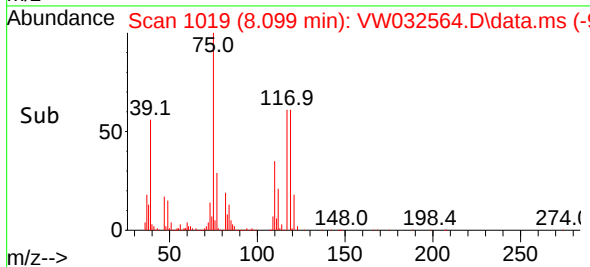
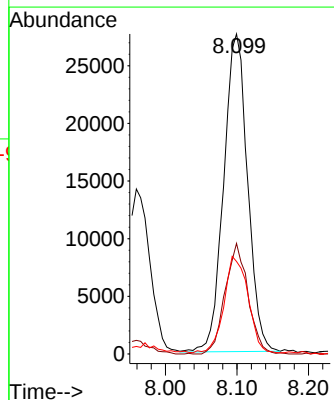
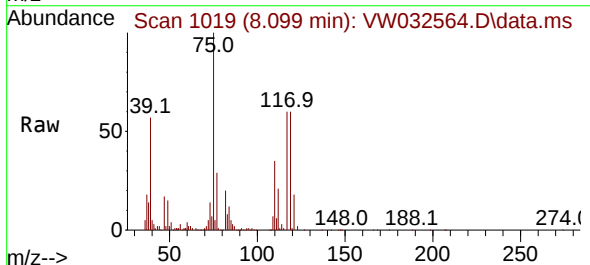
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

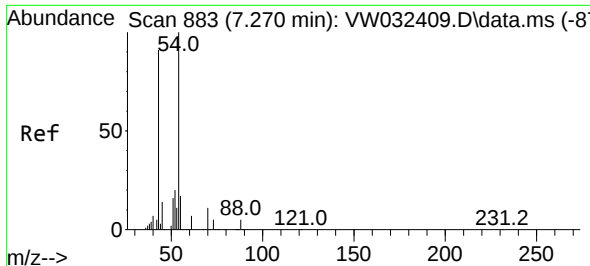
Tgt Ion:113 Resp: 43820  
 Ion Ratio Lower Upper  
 113 100  
 111 105.5 83.4 125.0  
 192 16.7 13.4 20.2



#36  
 1,1-Dichloropropene  
 Concen: 10.174 ug/l  
 RT: 8.099 min Scan# 1019  
 Delta R.T. 0.006 min  
 Lab File: VW032564.D  
 Acq: 03 Dec 2025 11:53

Tgt Ion: 75 Resp: 63944  
 Ion Ratio Lower Upper  
 75 100  
 110 33.4 16.9 50.6  
 77 30.6 24.6 37.0

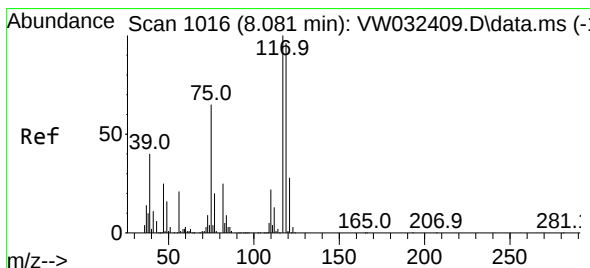
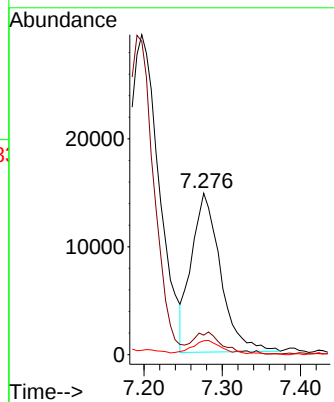
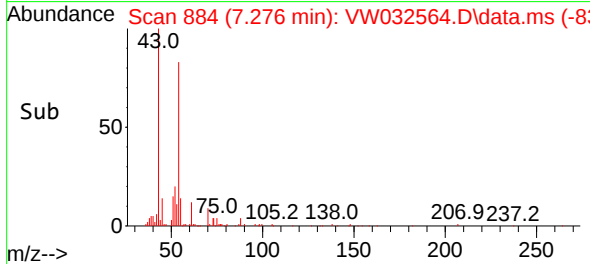
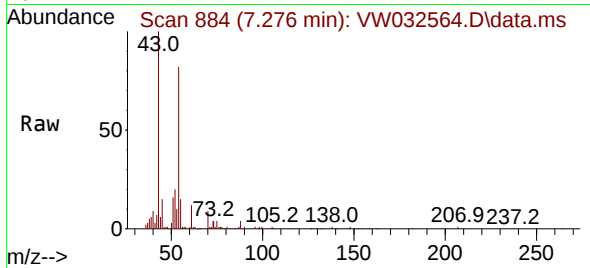




#37  
Ethyl Acetate  
Concen: 8.755 ug/l  
RT: 7.276 min Scan# 884  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

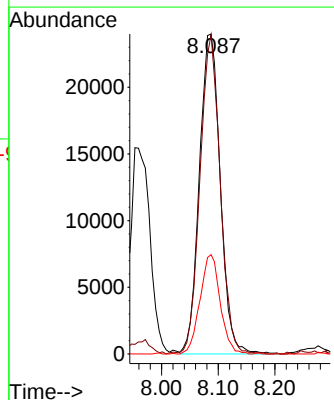
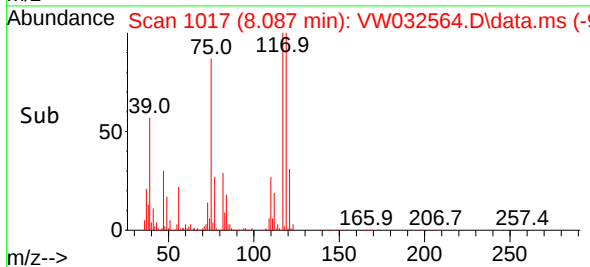
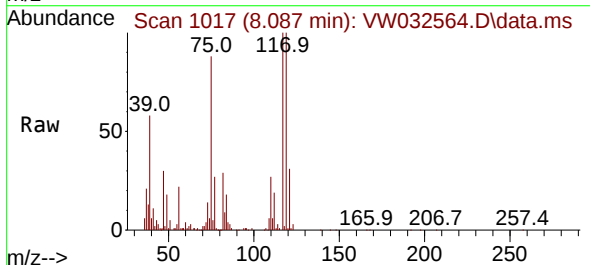
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC010

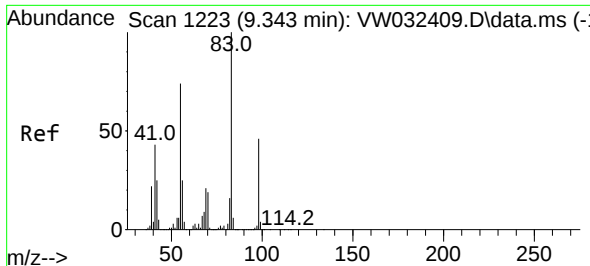
Tgt Ion: 43 Resp: 38079  
Ion Ratio Lower Upper  
43 100  
61 13.7 10.6 16.0  
70 7.8 7.9 11.9#



#38  
Carbon Tetrachloride  
Concen: 10.535 ug/l  
RT: 8.087 min Scan# 1017  
Delta R.T. 0.006 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

Tgt Ion: 117 Resp: 61515  
Ion Ratio Lower Upper  
117 100  
119 99.7 76.9 115.3  
121 31.0 25.4 38.2





#39

Methylcyclohexane

Concen: 9.776 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032564.D

Acq: 03 Dec 2025 11:53

Instrument :

MSVOA\_W

ClientSampleId :

VSTDICC010

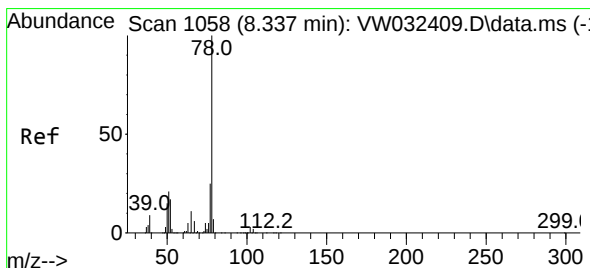
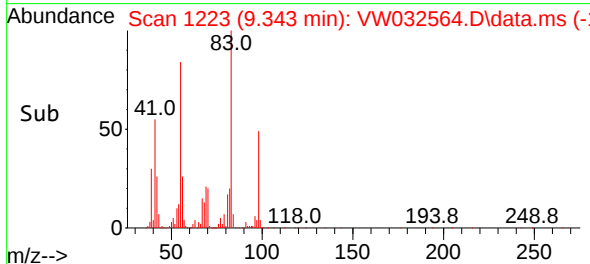
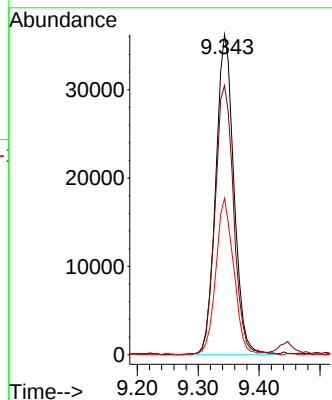
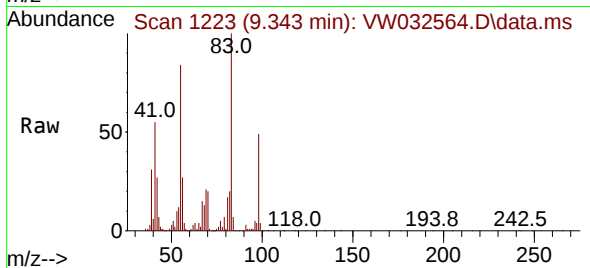
Tgt Ion: 83 Resp: 75025

Ion Ratio Lower Upper

83 100

55 84.1 64.9 97.3

98 48.9 36.2 54.4



#40

Benzene

Concen: 10.174 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VW032564.D

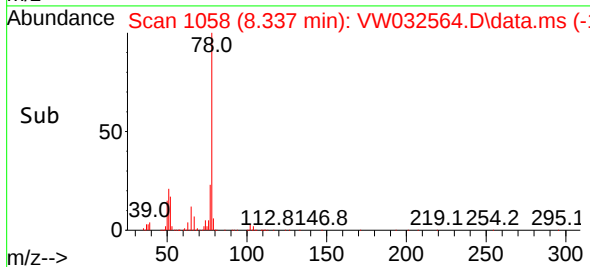
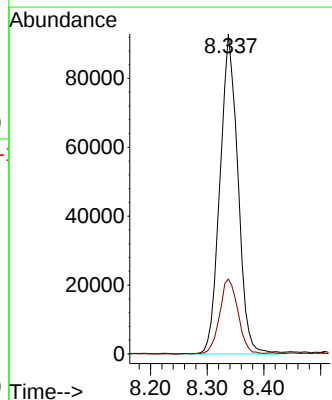
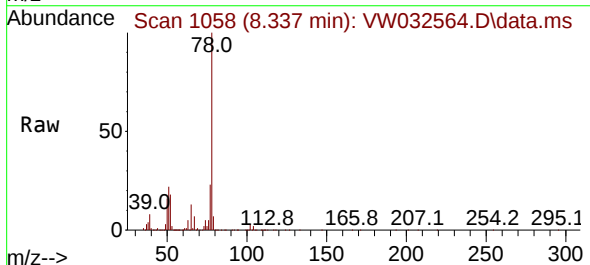
Acq: 03 Dec 2025 11:53

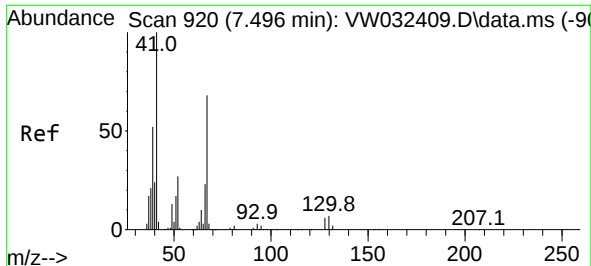
Tgt Ion: 78 Resp: 203773

Ion Ratio Lower Upper

78 100

77 23.4 20.0 30.0

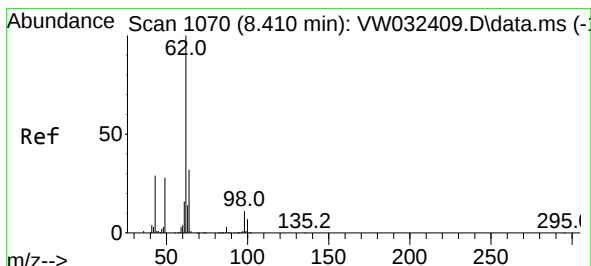
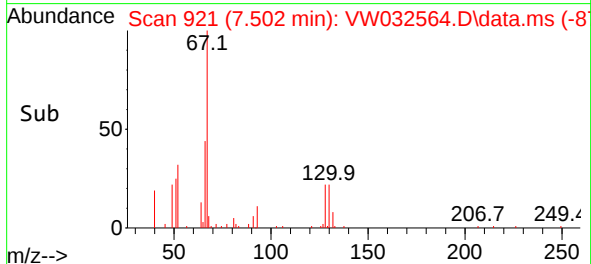
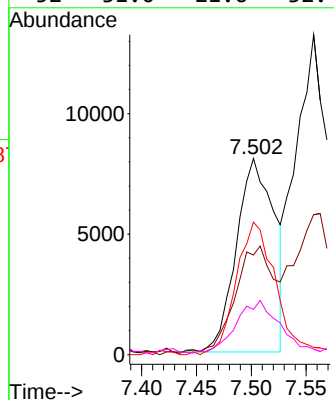
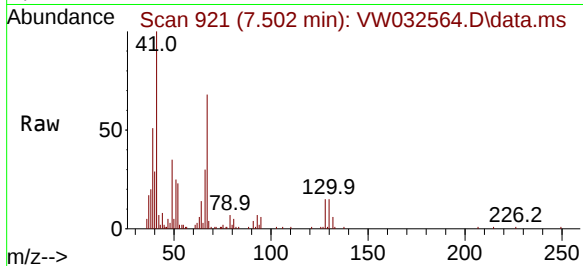




#41  
Methacrylonitrile  
Concen: 8.207 ug/l  
RT: 7.502 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

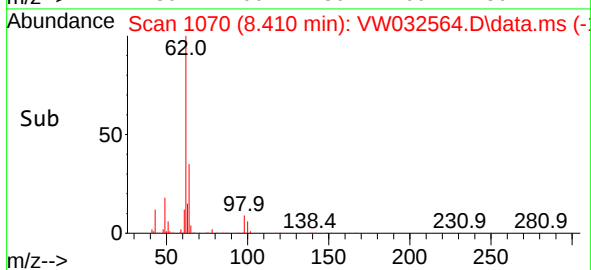
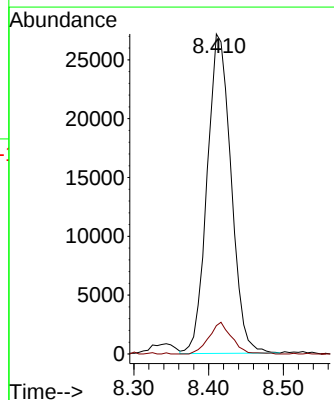
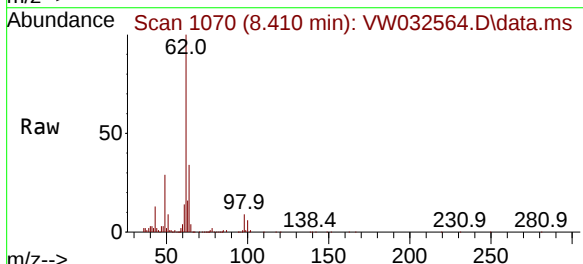
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MSVOA\_W  
ClientSampleId :  
VSTDICC010

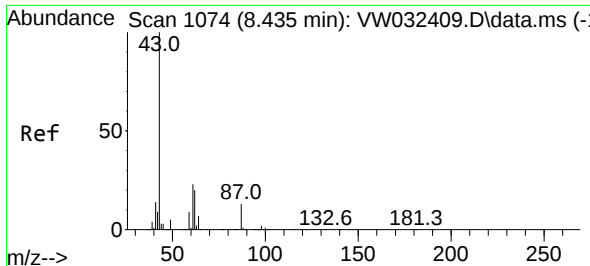
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 19313 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 60.4  | 38.5  | 57.7# |
| 67       | 72.7  | 49.8  | 74.6  |
| 52       | 31.0  | 21.6  | 32.4  |



#42  
1,2-Dichloroethane  
Concen: 9.848 ug/l  
RT: 8.410 min Scan# 1070  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 60476 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.5   | 0.0   | 19.0  |

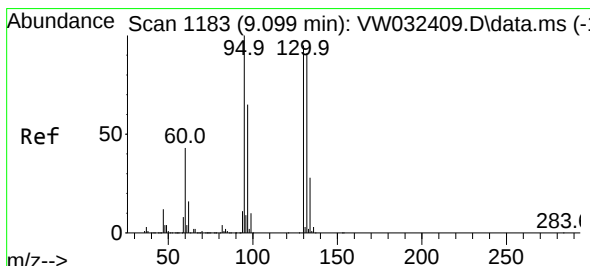
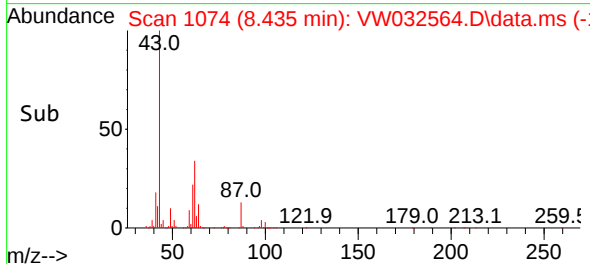
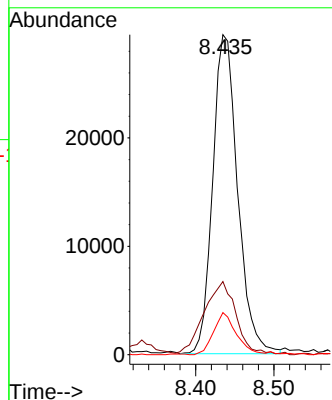
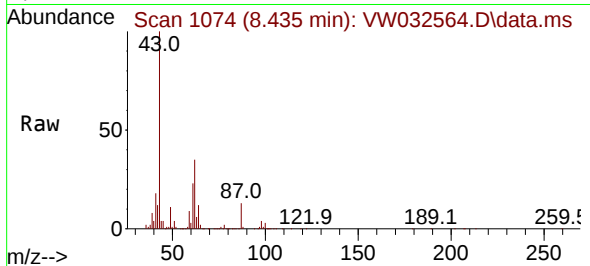




#43  
Isopropyl Acetate  
Concen: 8.737 ug/l  
RT: 8.435 min Scan# 1074  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

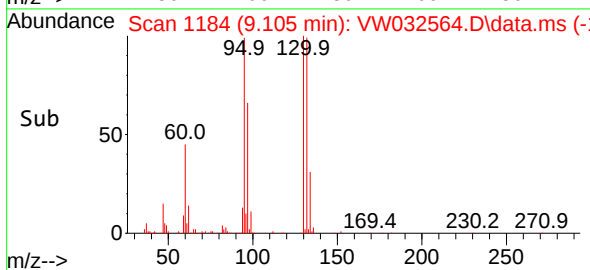
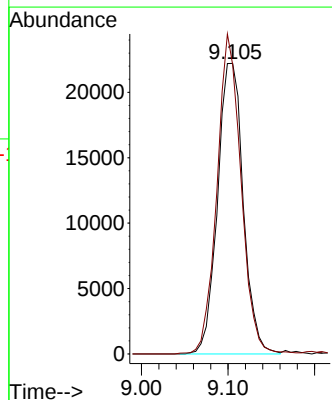
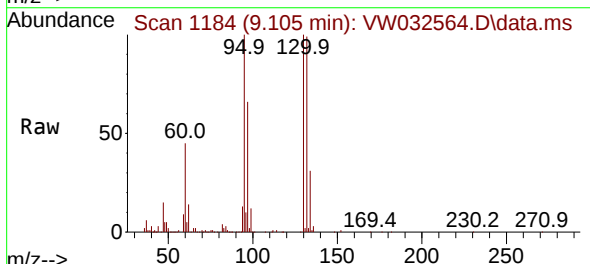
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

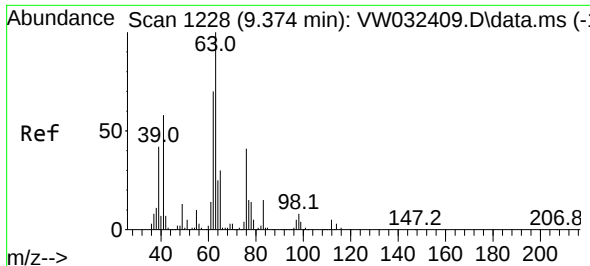
Tgt Ion: 43 Resp: 65319  
Ion Ratio Lower Upper  
43 100  
61 29.6 22.3 33.5  
87 12.0 9.9 14.9



#44  
Trichloroethene  
Concen: 10.225 ug/l  
RT: 9.105 min Scan# 1184  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

Tgt Ion:130 Resp: 45770  
Ion Ratio Lower Upper  
130 100  
95 99.2 0.0 190.4





#45

1,2-Dichloropropane

Concen: 9.933 ug/l

RT: 9.380 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032564.D

Acq: 03 Dec 2025 11:53

Instrument :

MSVOA\_W

ClientSampleId :

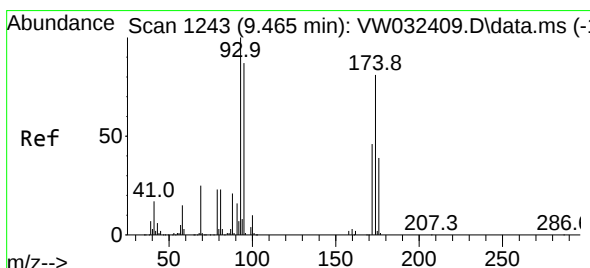
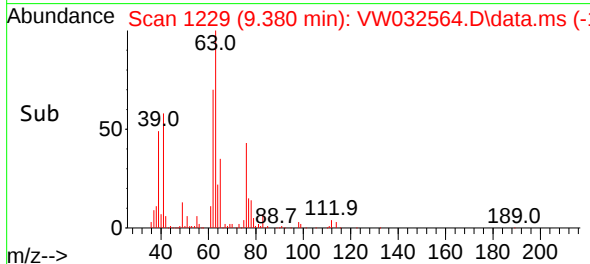
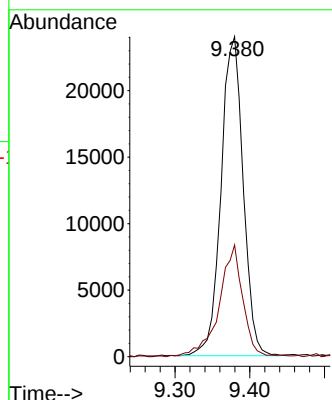
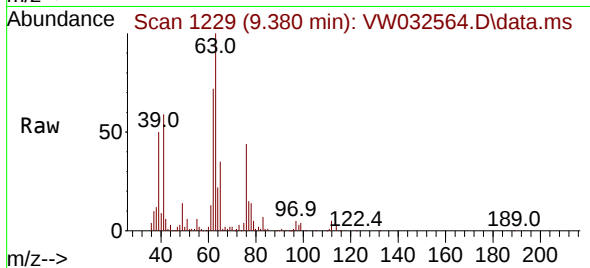
VSTDIC010

Tgt Ion: 63 Resp: 49414

Ion Ratio Lower Upper

63 100

65 34.6 26.5 39.7



#46

Dibromomethane

Concen: 9.678 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW032564.D

Acq: 03 Dec 2025 11:53

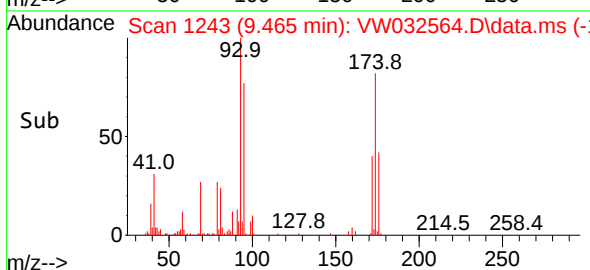
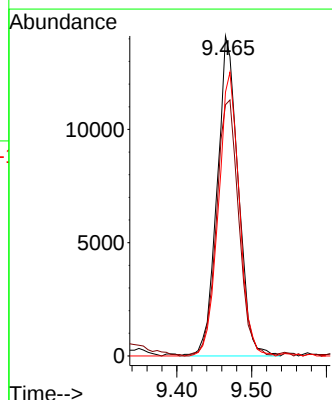
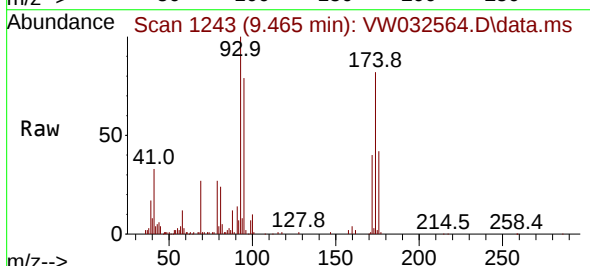
Tgt Ion: 93 Resp: 27840

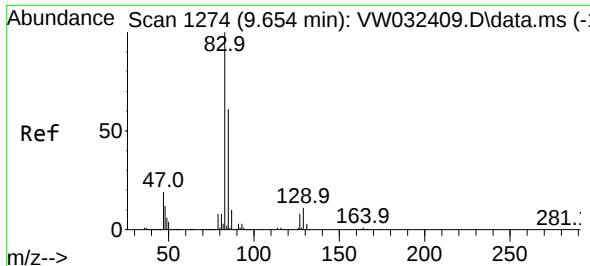
Ion Ratio Lower Upper

93 100

95 84.3 66.4 99.6

174 87.1 65.3 97.9

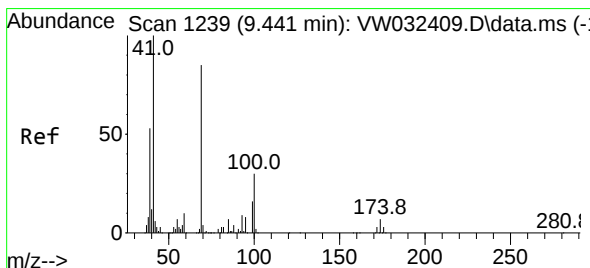
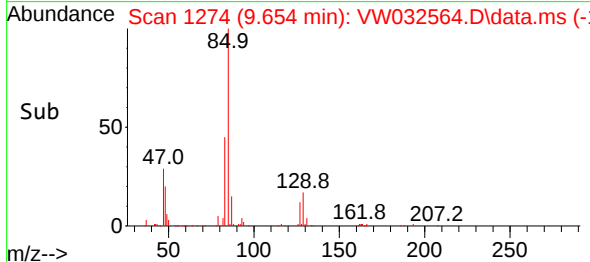
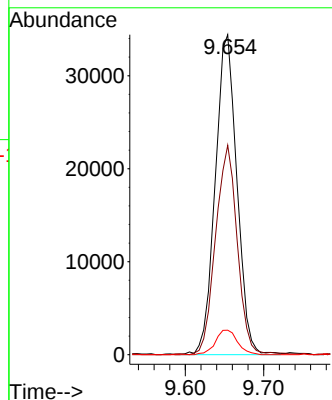
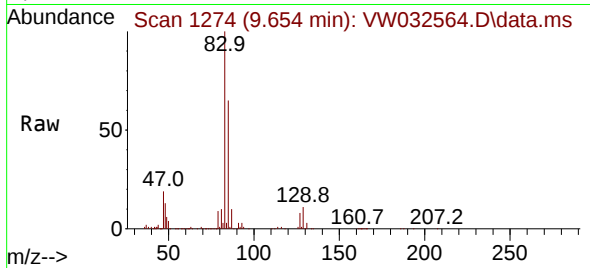




#47  
Bromodichloromethane  
Concen: 9.823 ug/l  
RT: 9.654 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

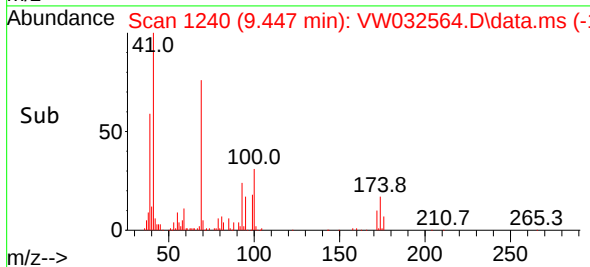
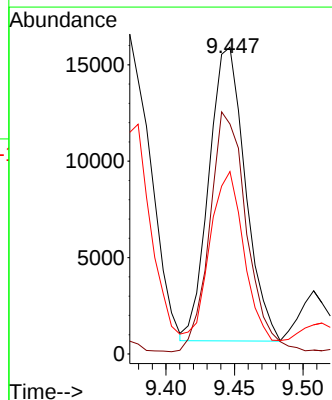
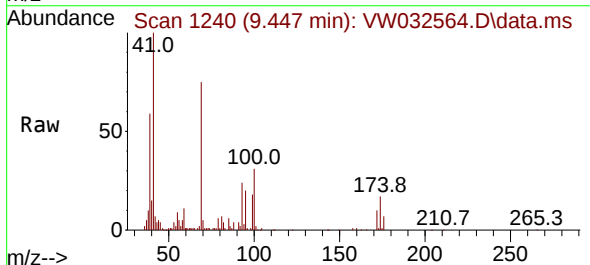
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

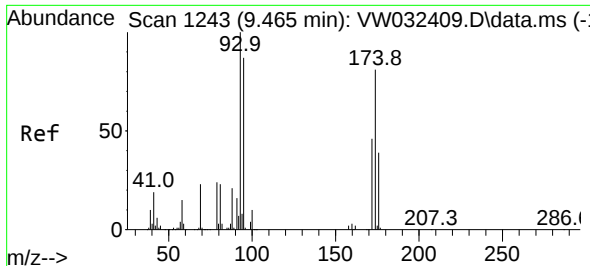
Tgt Ion: 83 Resp: 66233  
Ion Ratio Lower Upper  
83 100  
85 65.2 50.8 76.2  
127 7.7 7.0 10.6



#48  
Methyl methacrylate  
Concen: 8.302 ug/l  
RT: 9.447 min Scan# 1240  
Delta R.T. 0.006 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

Tgt Ion: 41 Resp: 28214  
Ion Ratio Lower Upper  
41 100  
69 86.9 62.1 93.1  
39 52.9 39.1 58.7

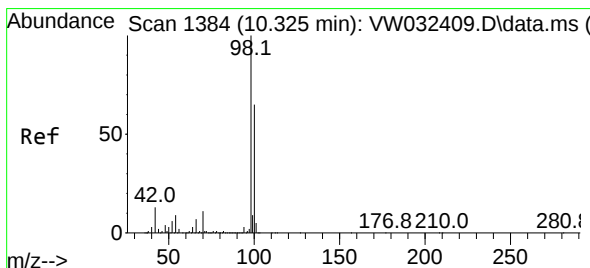
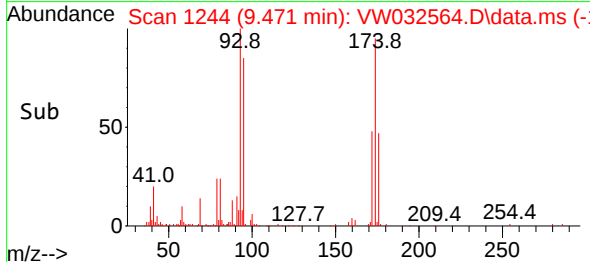
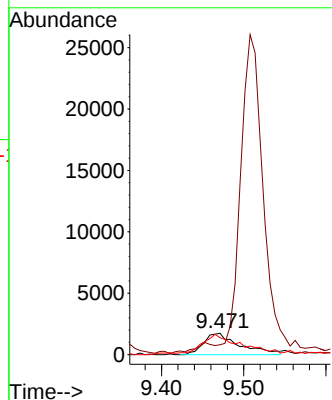
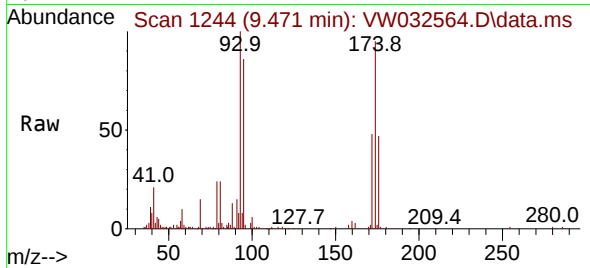




#49  
1,4-Dioxane  
Concen: 156.195 ug/l  
RT: 9.471 min Scan# 1244  
Delta R.T. 0.012 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

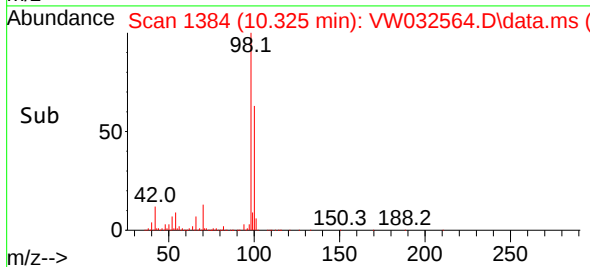
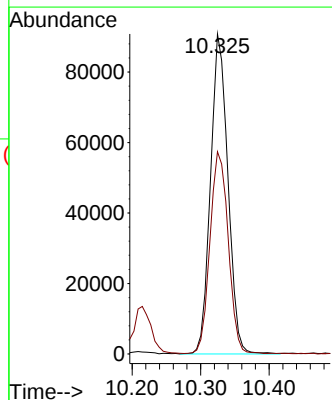
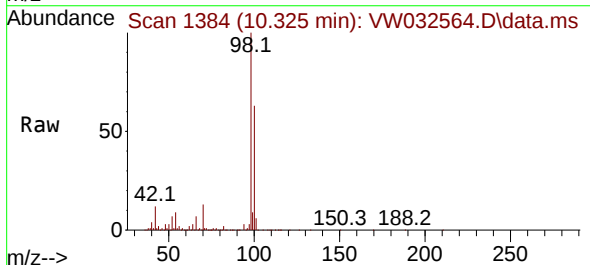
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC010

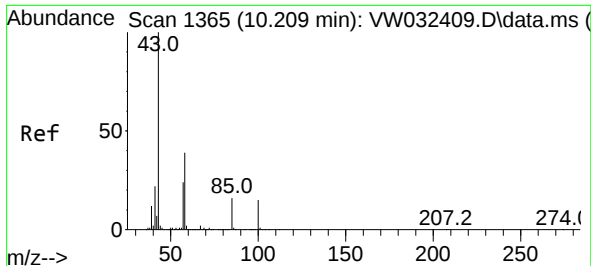
Tgt Ion: 88 Resp: 5369  
Ion Ratio Lower Upper  
88 100  
43 29.4 0.0 0.0#  
58 89.5 65.2 97.8



#50  
Toluene-d8  
Concen: 10.347 ug/l  
RT: 10.325 min Scan# 1384  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

Tgt Ion: 98 Resp: 160418  
Ion Ratio Lower Upper  
98 100  
100 66.2 54.7 82.1

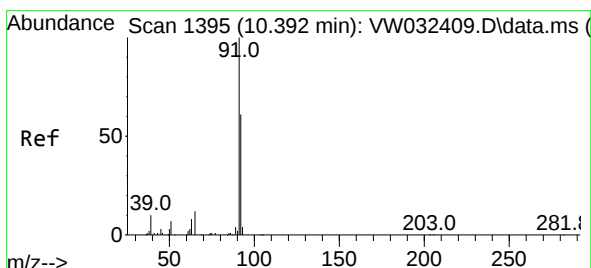
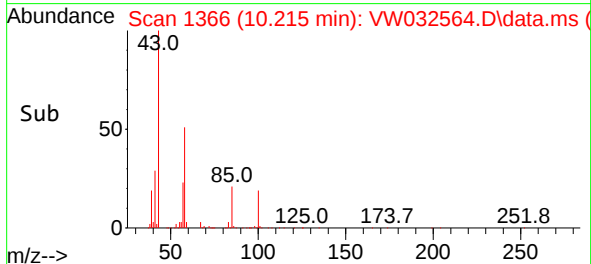
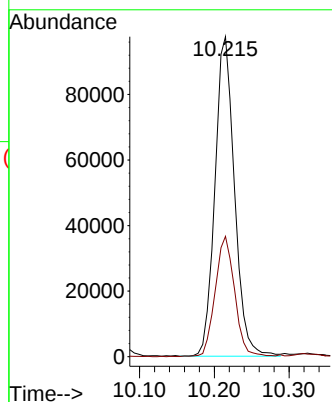
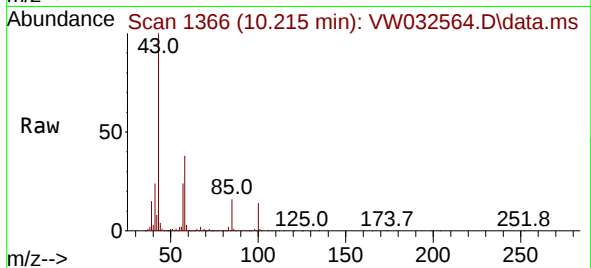




#51  
4-Methyl-2-Pentanone  
Concen: 42.985 ug/l  
RT: 10.215 min Scan# 1366  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

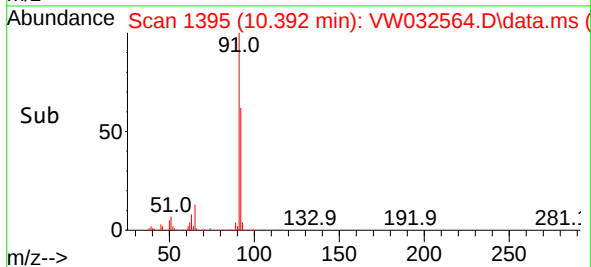
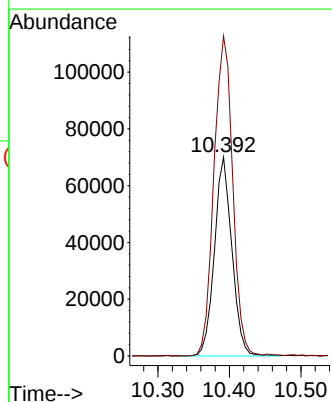
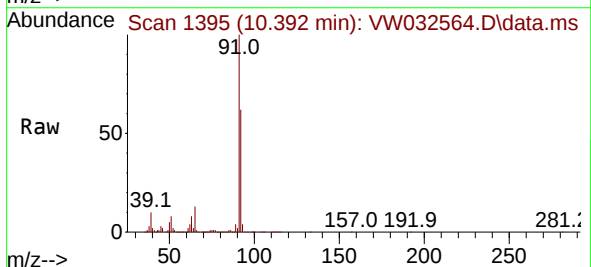
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

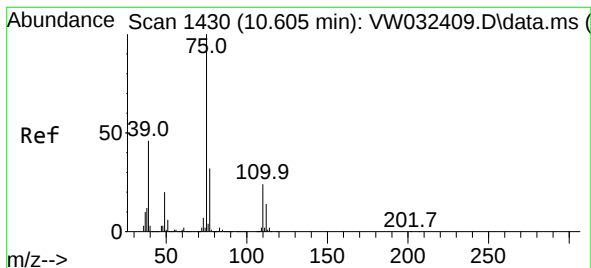
Tgt Ion: 43 Resp: 177813  
Ion Ratio Lower Upper  
43 100  
58 37.6 30.5 45.7



#52  
Toluene  
Concen: 9.858 ug/l  
RT: 10.392 min Scan# 1395  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

Tgt Ion: 92 Resp: 118964  
Ion Ratio Lower Upper  
92 100  
91 172.5 138.6 207.8

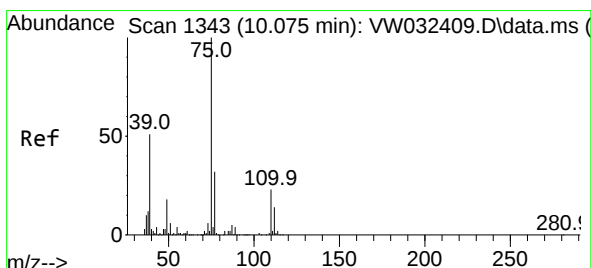
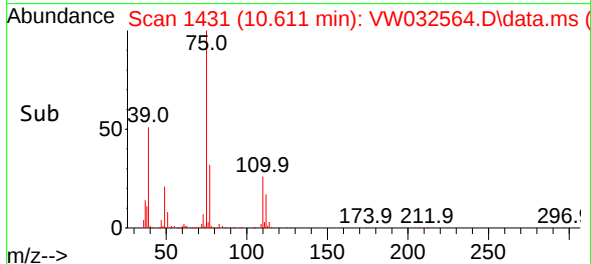
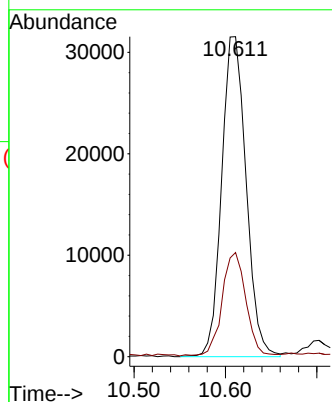
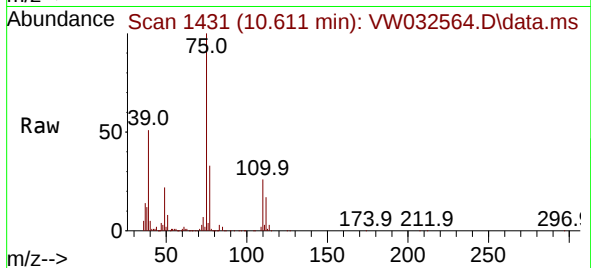




#53  
t-1,3-Dichloropropene  
Concen: 9.086 ug/l  
RT: 10.611 min Scan# 1431  
Delta R.T. 0.006 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

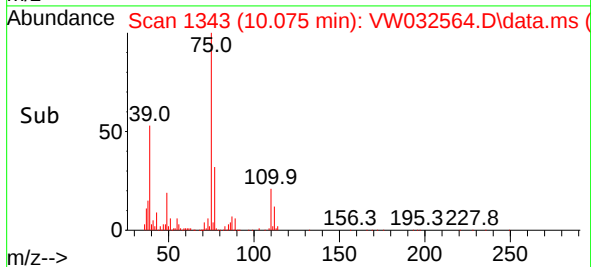
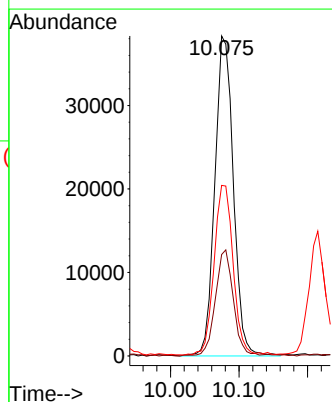
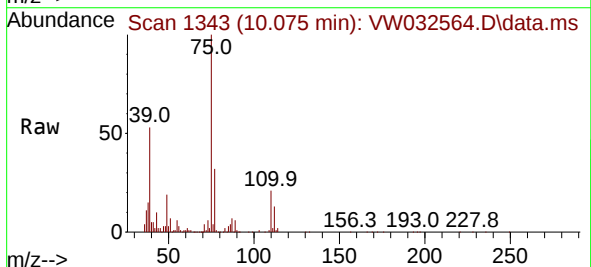
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

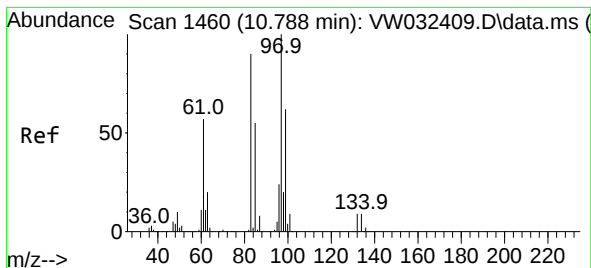
Tgt Ion: 75 Resp: 58771  
Ion Ratio Lower Upper  
75 100  
77 32.3 25.3 37.9



#54  
cis-1,3-Dichloropropene  
Concen: 9.470 ug/l  
RT: 10.075 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

Tgt Ion: 75 Resp: 71885  
Ion Ratio Lower Upper  
75 100  
77 31.7 26.5 39.7  
39 52.9 42.9 64.3

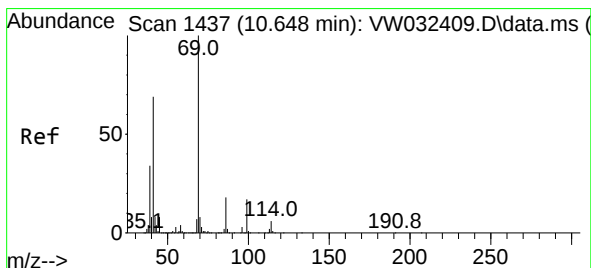
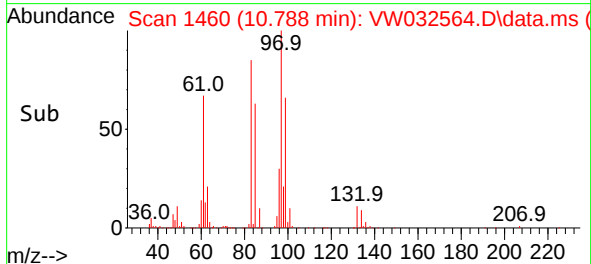
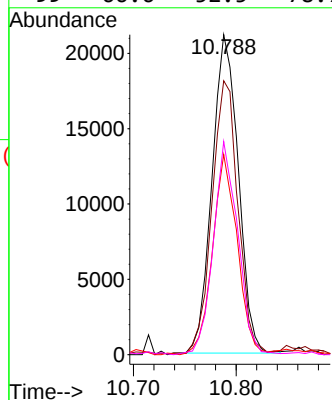
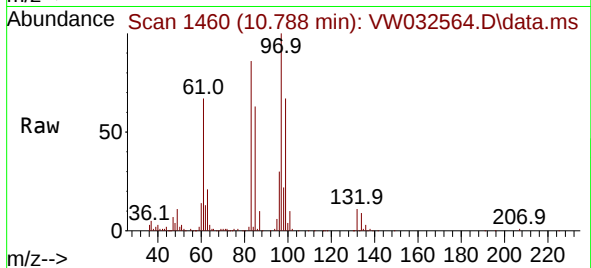




#55  
1,1,2-Trichloroethane  
Concen: 9.733 ug/l  
RT: 10.788 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

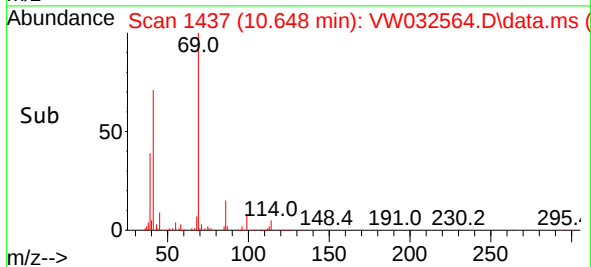
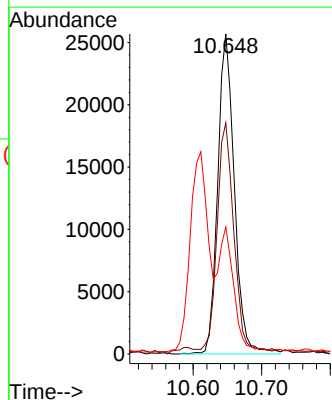
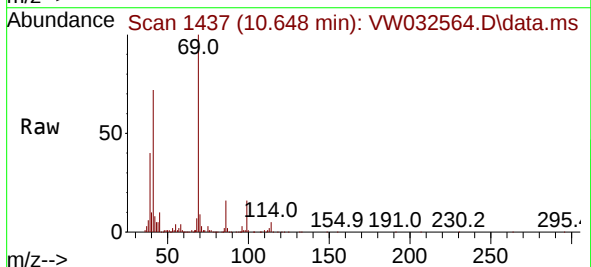
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC010

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 37500 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 85.5  | 76.3  | 114.5 |
| 85       | 62.8  | 46.1  | 69.1  |
| 99       | 66.6  | 52.5  | 78.7  |



#56  
Ethyl methacrylate  
Concen: 8.133 ug/l  
RT: 10.648 min Scan# 1437  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 43338 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 72.1  | 56.2  | 84.4  |
| 39       | 35.8  | 26.9  | 40.3  |





#57

1,3-Dichloropropane

Concen: 9.622 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032564.D

Acq: 03 Dec 2025 11:53

Instrument :

MSVOA\_W

ClientSampleId :

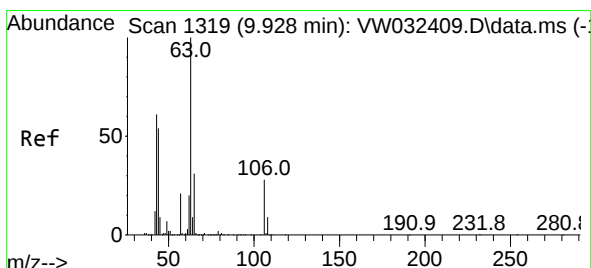
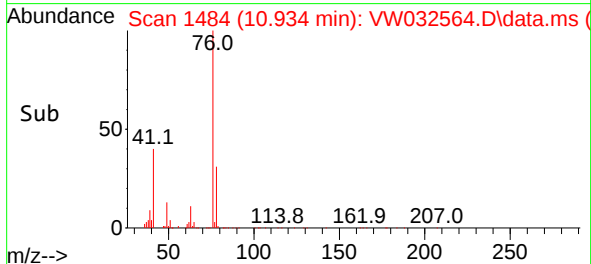
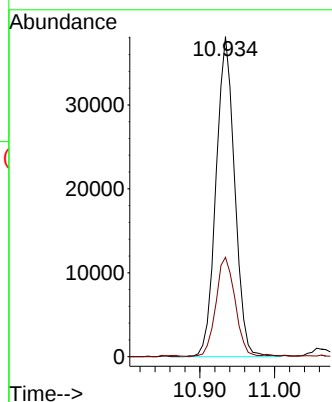
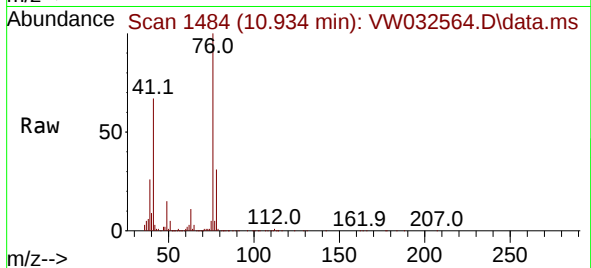
VSTDIC010

Tgt Ion: 76 Resp: 66163

Ion Ratio Lower Upper

76 100

78 32.2 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 44.505 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032564.D

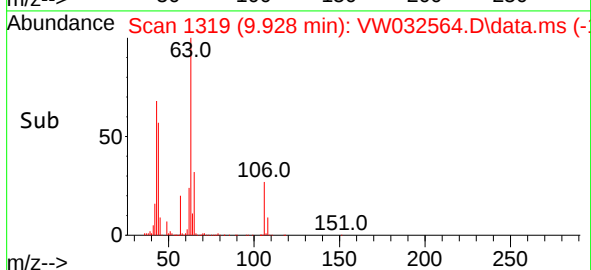
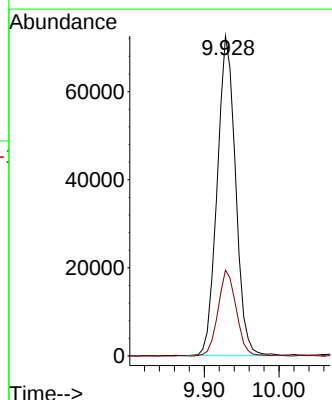
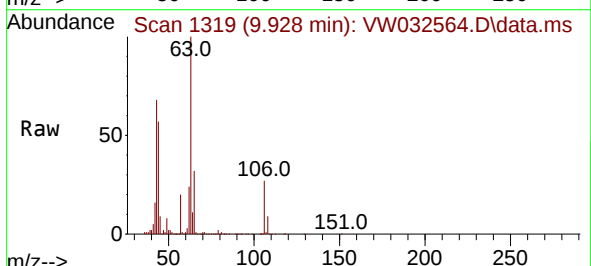
Acq: 03 Dec 2025 11:53

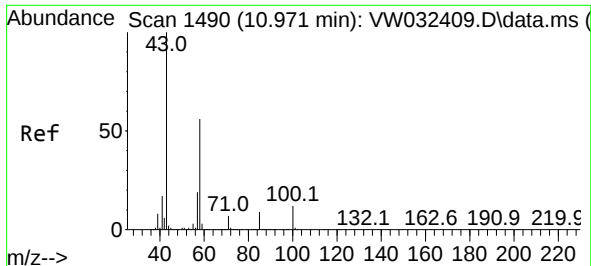
Tgt Ion: 63 Resp: 124255

Ion Ratio Lower Upper

63 100

106 26.6 21.5 32.3

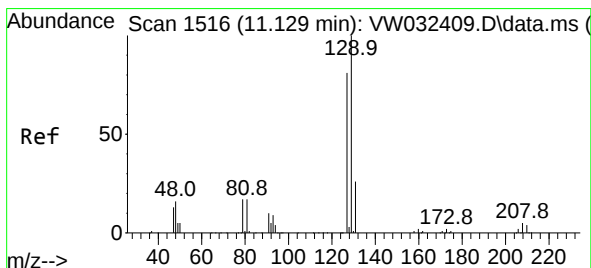
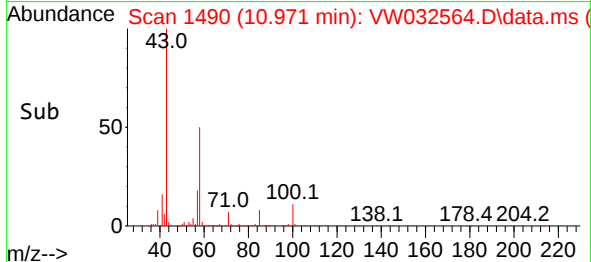
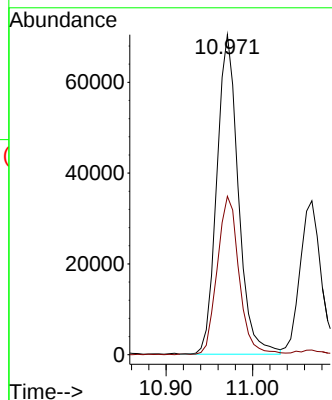
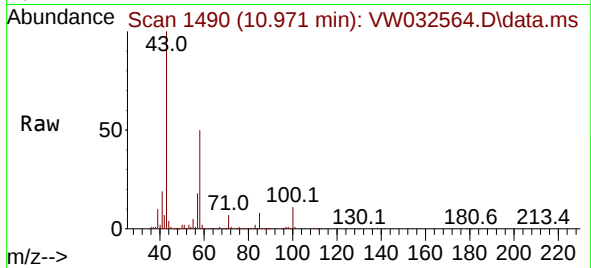




#59  
2-Hexanone  
Concen: 41.237 ug/l  
RT: 10.971 min Scan# 1490  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

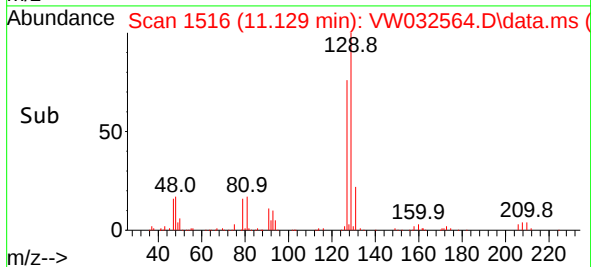
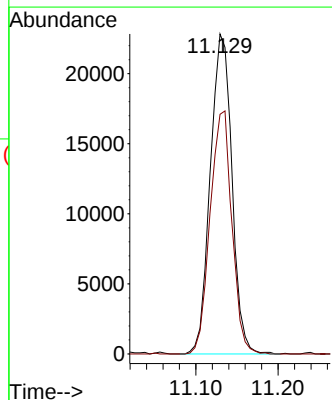
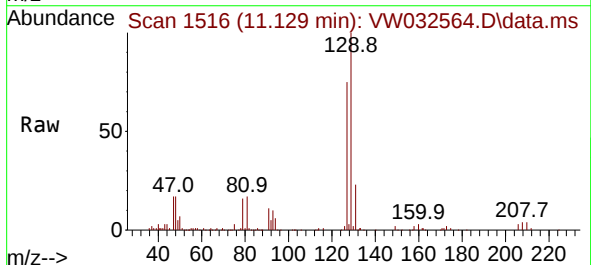
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

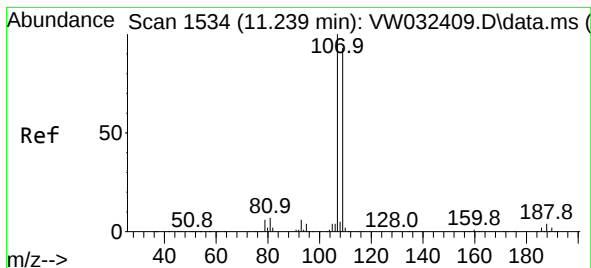
Tgt Ion: 43 Resp: 121485  
Ion Ratio Lower Upper  
43 100  
58 50.5 26.2 78.6



#60  
Dibromochloromethane  
Concen: 9.657 ug/l  
RT: 11.129 min Scan# 1516  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

Tgt Ion: 129 Resp: 41704  
Ion Ratio Lower Upper  
129 100  
127 76.5 40.9 122.8

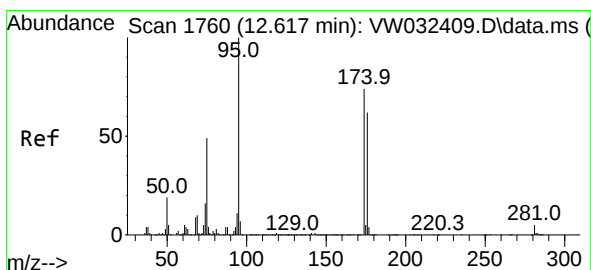
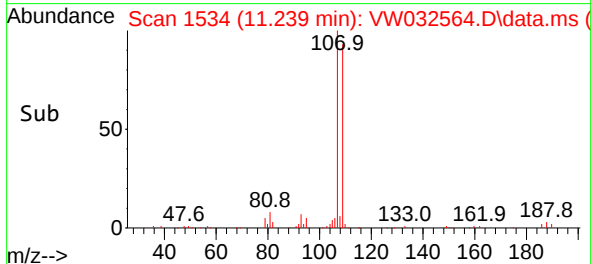
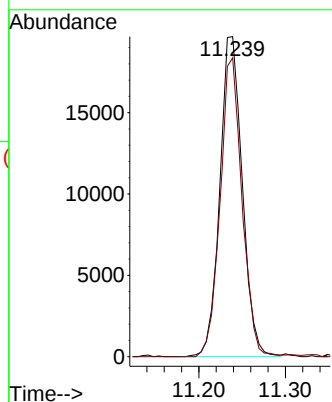
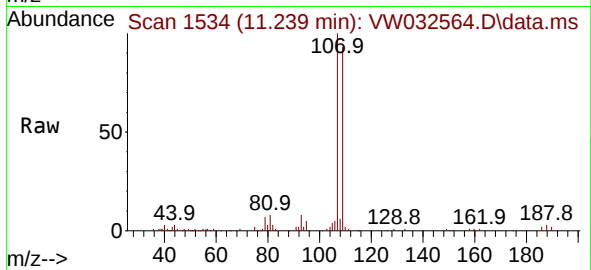




#61  
1,2-Dibromoethane  
Concen: 9.657 ug/l  
RT: 11.239 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

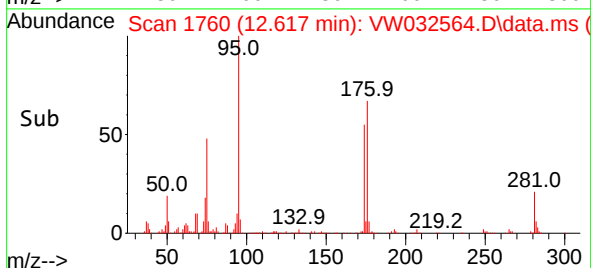
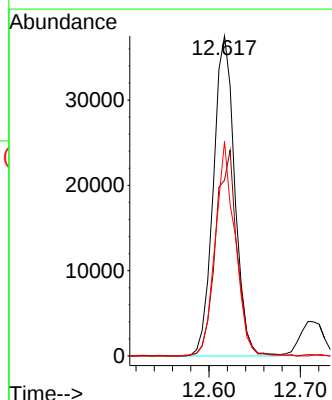
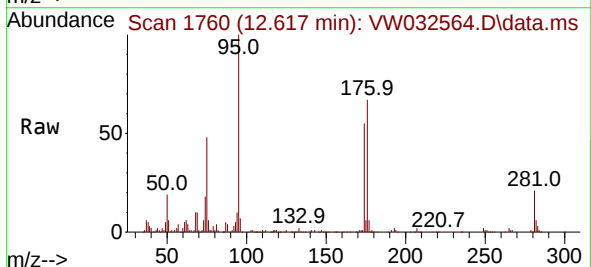
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

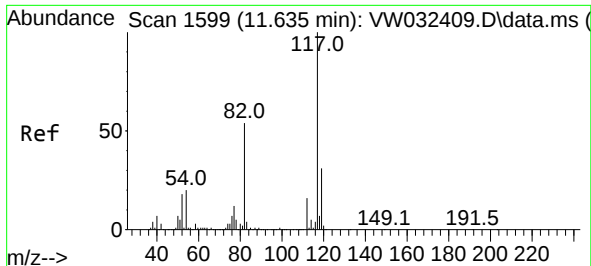
Tgt Ion:107 Resp: 35385  
Ion Ratio Lower Upper  
107 100  
109 91.1 77.5 116.3



#62  
4-Bromofluorobenzene  
Concen: 10.628 ug/l  
RT: 12.617 min Scan# 1760  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

Tgt Ion: 95 Resp: 60879  
Ion Ratio Lower Upper  
95 100  
174 64.4 0.0 141.2  
176 62.2 0.0 130.8

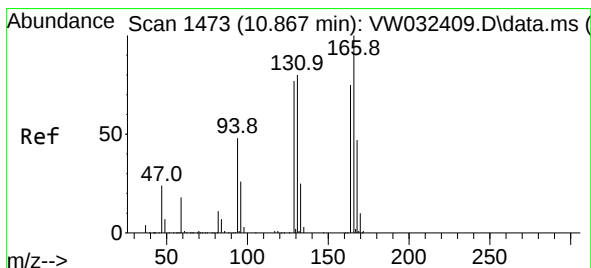
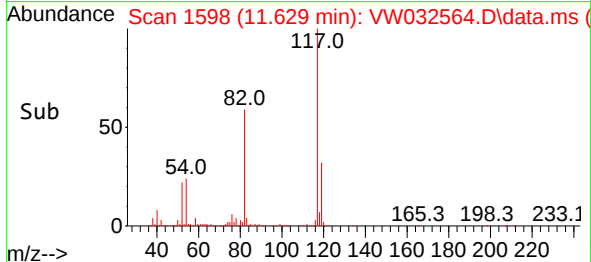
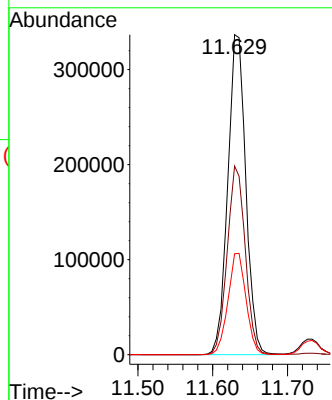
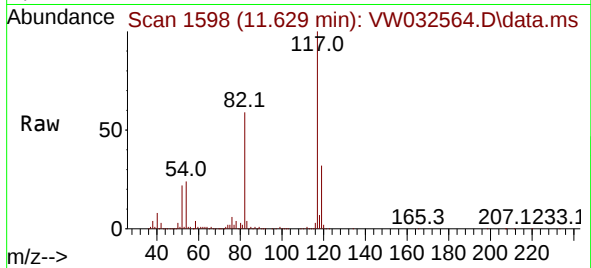




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.629 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

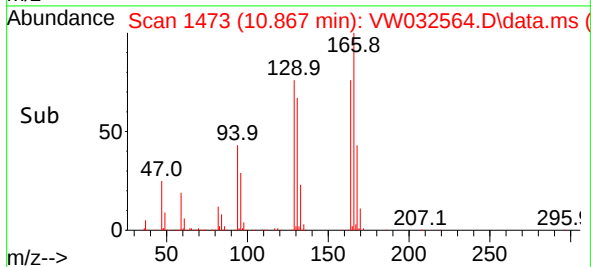
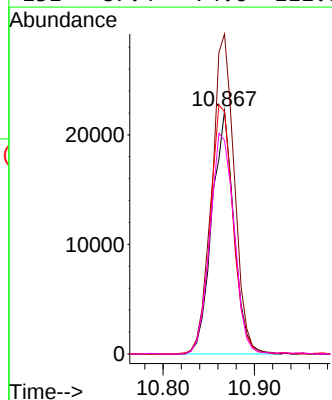
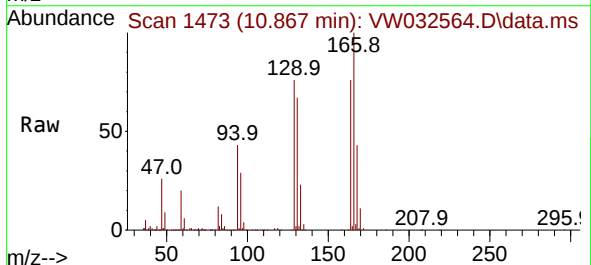
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

Tgt Ion:117 Resp: 566322  
Ion Ratio Lower Upper  
117 100  
82 59.0 45.9 68.9  
119 31.6 26.3 39.5



#64  
Tetrachloroethene  
Concen: 9.785 ug/l  
RT: 10.867 min Scan# 1473  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

Tgt Ion:164 Resp: 36961  
Ion Ratio Lower Upper  
164 100  
166 131.6 97.3 145.9  
129 99.3 75.7 113.5  
131 87.4 74.6 111.8





#65

Chlorobenzene

Concen: 10.096 ug/l

RT: 11.654 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032564.D

Acq: 03 Dec 2025 11:53

Instrument :

MSVOA\_W

ClientSampleId :

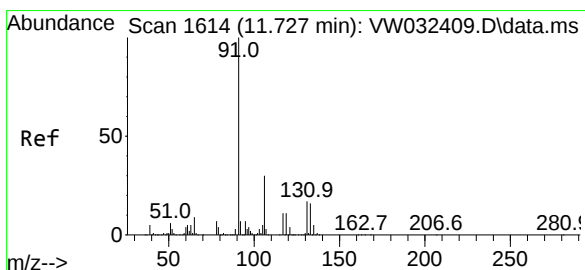
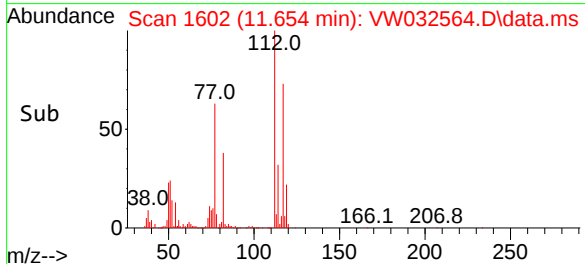
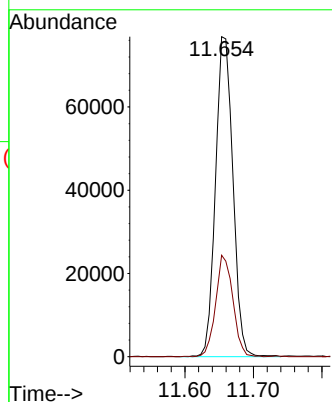
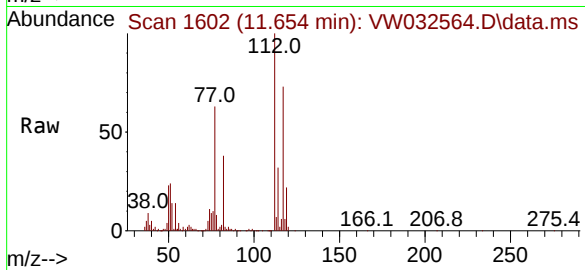
VSTDIC010

Tgt Ion:112 Resp: 135094

Ion Ratio Lower Upper

112 100

114 31.7 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 9.783 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. -0.000 min

Lab File: VW032564.D

Acq: 03 Dec 2025 11:53

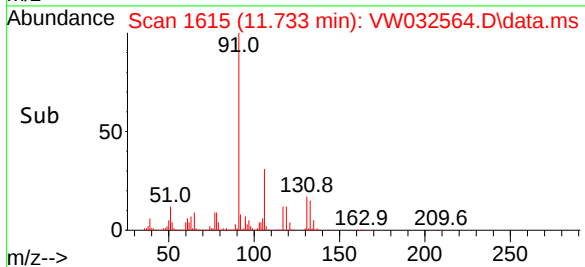
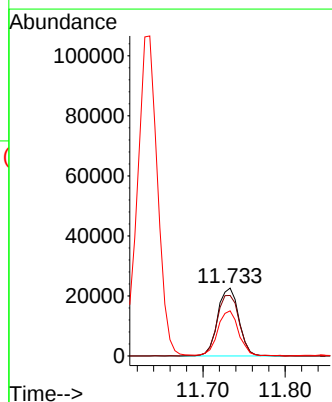
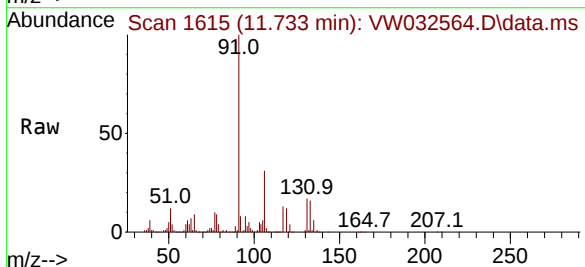
Tgt Ion:131 Resp: 40490

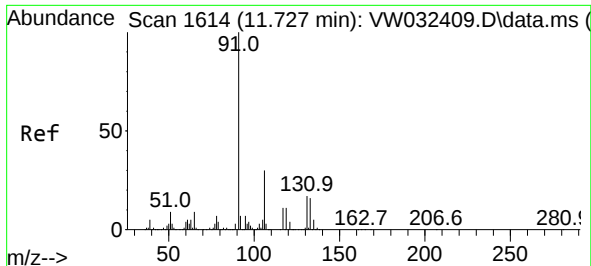
Ion Ratio Lower Upper

131 100

133 94.4 47.4 142.3

119 66.5 32.2 96.6





#67

Ethyl Benzene

Concen: 9.600 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.006 min

Lab File: VW032564.D

Acq: 03 Dec 2025 11:53

Instrument :

MSVOA\_W

ClientSampleId :

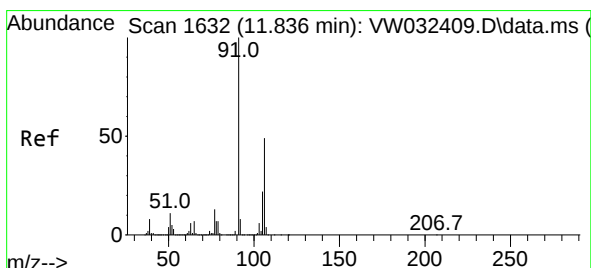
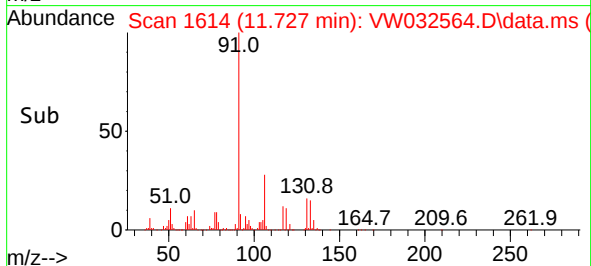
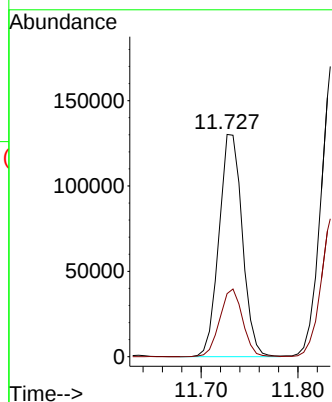
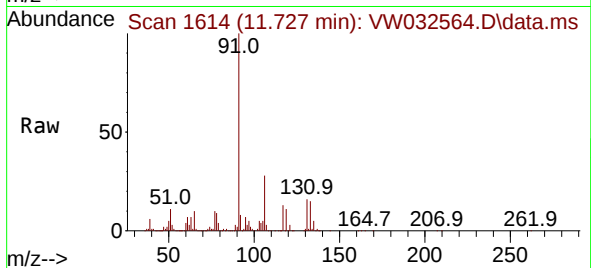
VSTDIC010

Tgt Ion: 91 Resp: 218044

Ion Ratio Lower Upper

91 100

106 28.4 23.0 34.6



#68

m/p-Xylenes

Concen: 19.601 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032564.D

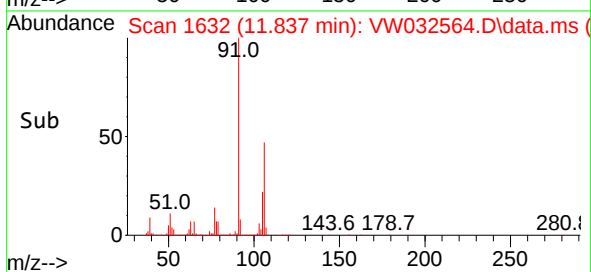
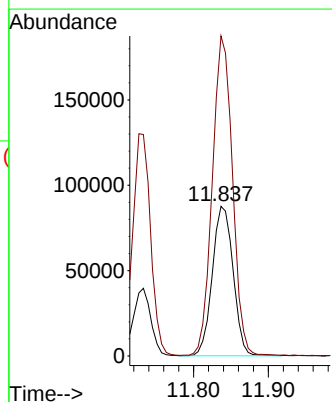
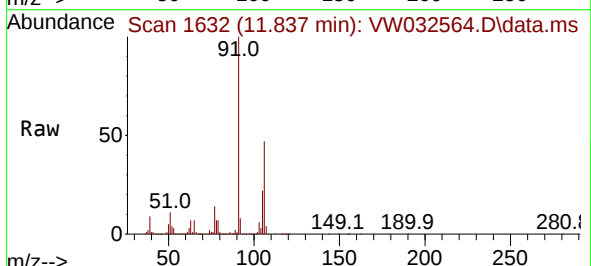
Acq: 03 Dec 2025 11:53

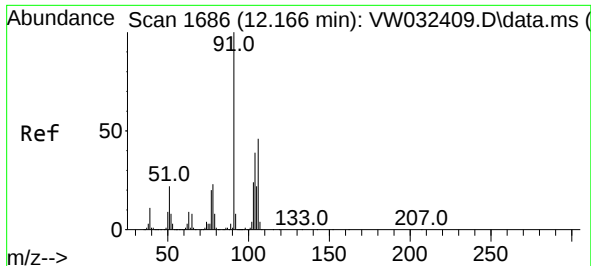
Tgt Ion:106 Resp: 169262

Ion Ratio Lower Upper

106 100

91 208.5 163.3 244.9

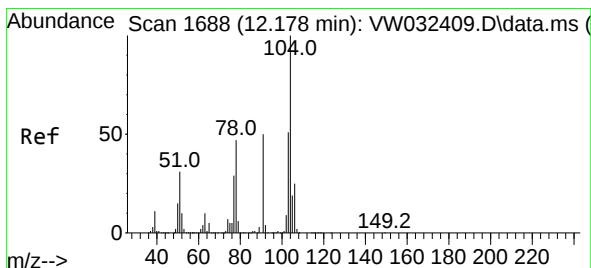
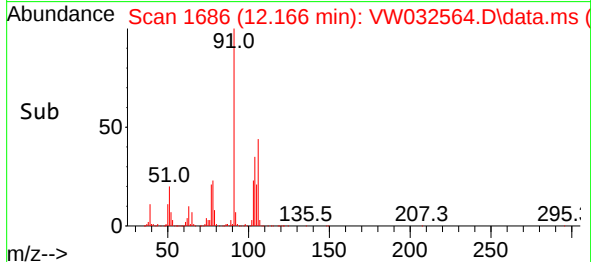
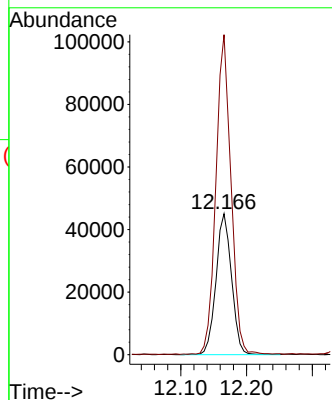
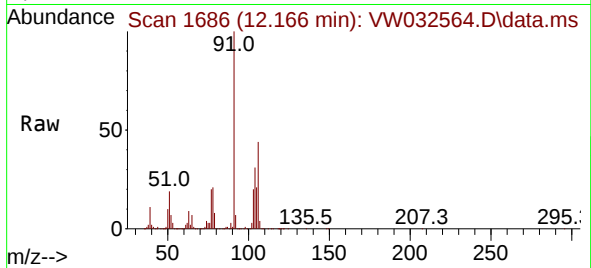




#69  
o-Xylene  
Concen: 9.380 ug/l  
RT: 12.166 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

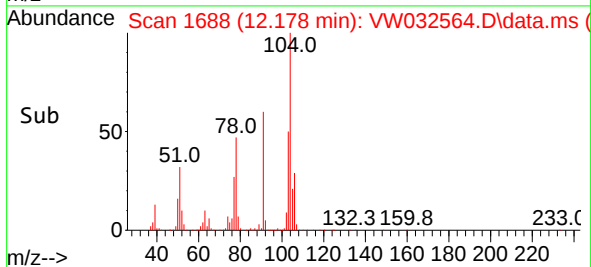
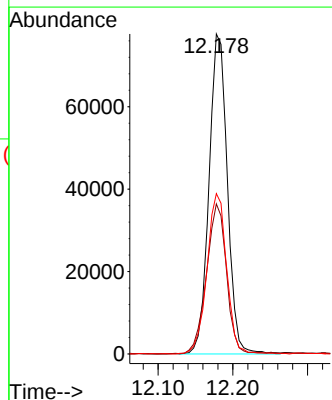
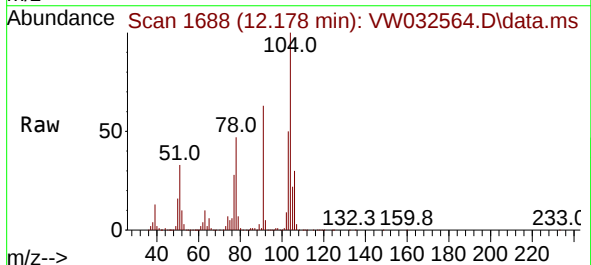
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

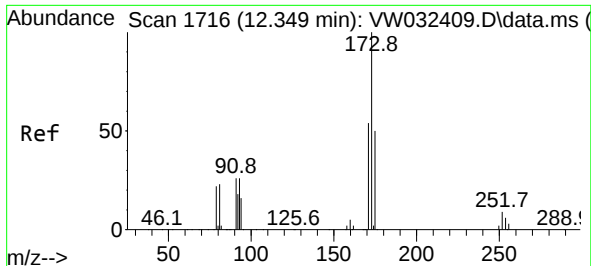
Tgt Ion:106 Resp: 74183  
Ion Ratio Lower Upper  
106 100  
91 219.3 104.1 312.3



#70  
Styrene  
Concen: 9.557 ug/l  
RT: 12.178 min Scan# 1688  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

Tgt Ion:104 Resp: 132575  
Ion Ratio Lower Upper  
104 100  
78 51.4 40.8 61.2  
103 53.8 43.3 64.9

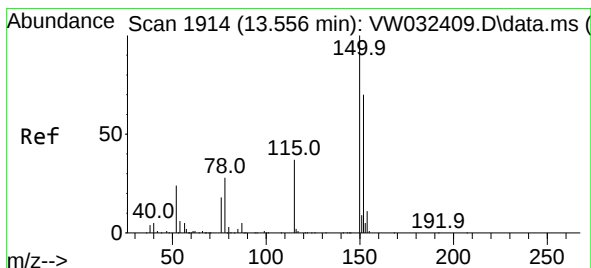
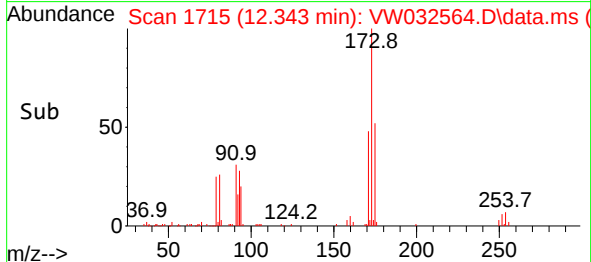
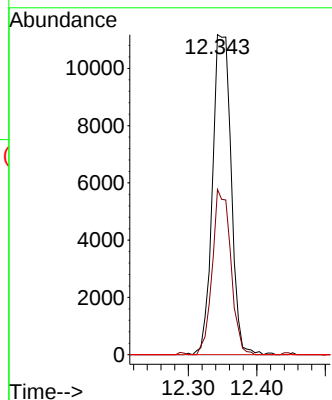
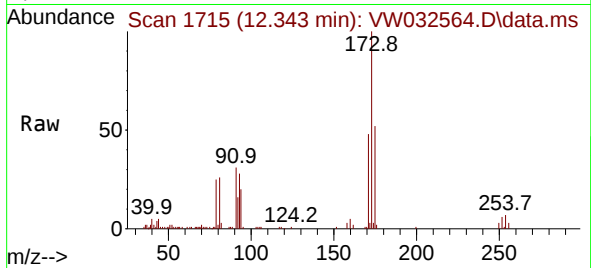




#71  
Bromoform  
Concen: 9.290 ug/l  
RT: 12.343 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

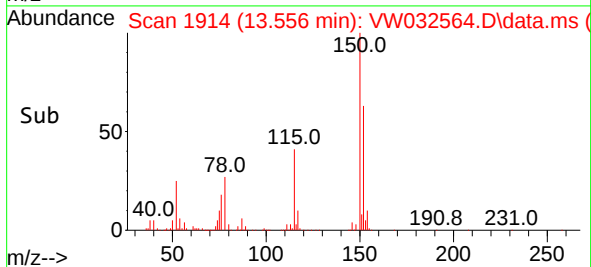
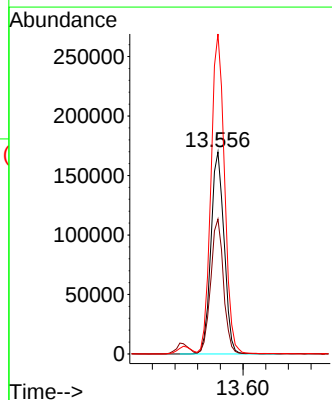
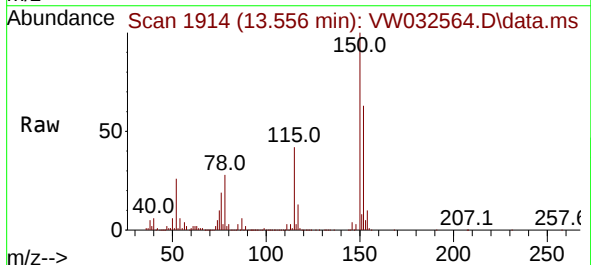
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

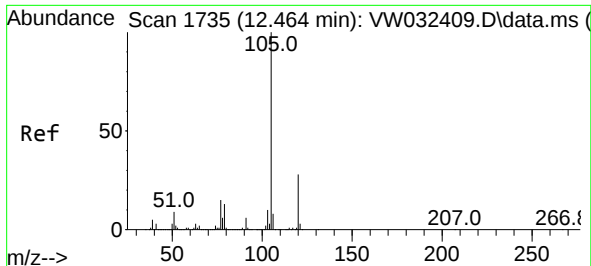
Tgt Ion:173 Resp: 21143  
Ion Ratio Lower Upper  
173 100  
175 50.9 24.6 74.0  
254 0.0 0.2 0.2#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.556 min Scan# 1914  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

Tgt Ion:152 Resp: 273817  
Ion Ratio Lower Upper  
152 100  
115 64.5 31.1 93.3  
150 162.8 0.0 351.2

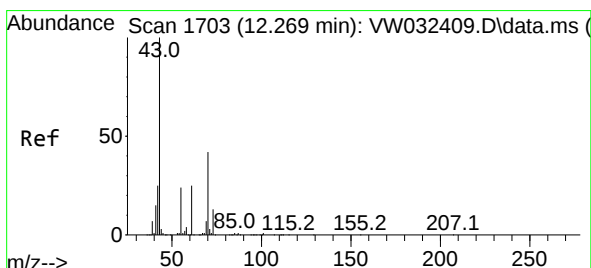
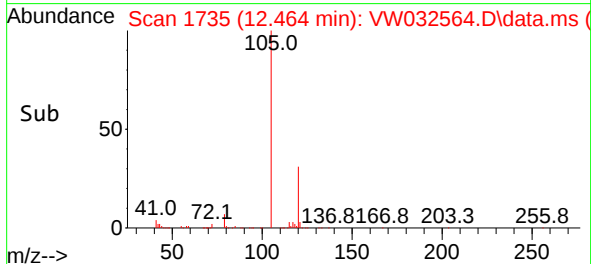
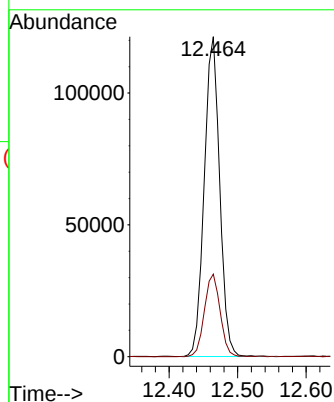
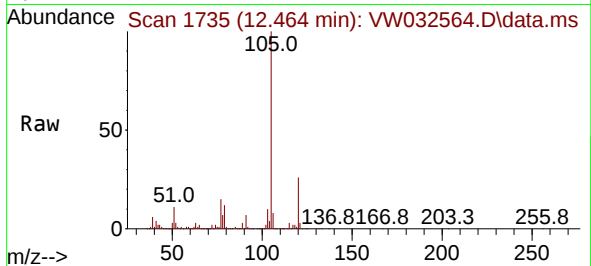




#73  
Isopropylbenzene  
Concen: 9.369 ug/l  
RT: 12.464 min Scan# 1735  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

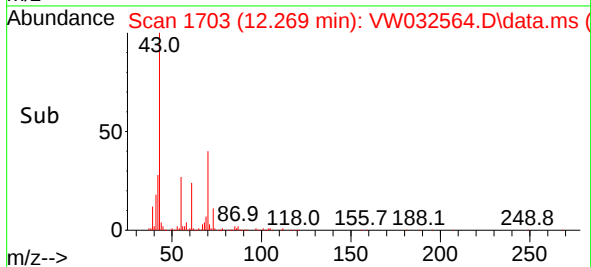
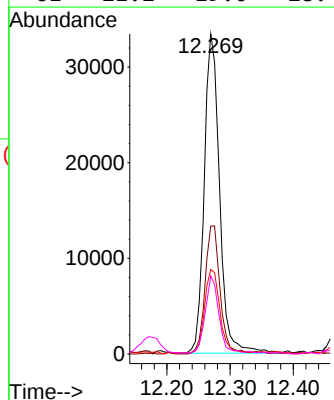
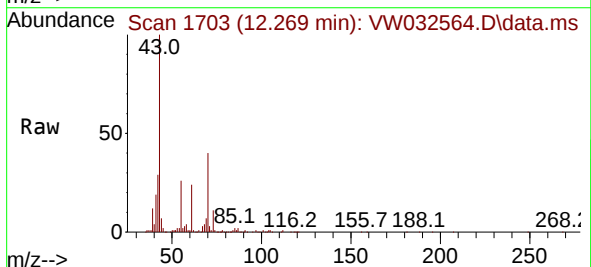
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

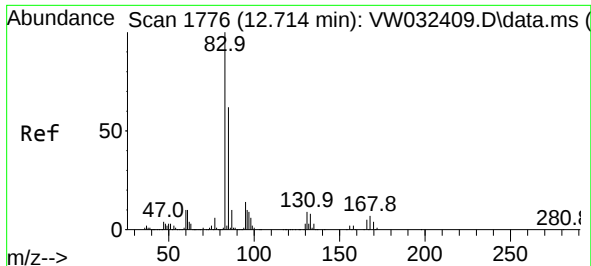
Tgt Ion:105 Resp: 190301  
Ion Ratio Lower Upper  
105 100  
120 26.4 12.8 38.4



#74  
N-ethyl acetate  
Concen: 8.382 ug/l  
RT: 12.269 min Scan# 1703  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

Tgt Ion: 43 Resp: 56361  
Ion Ratio Lower Upper  
43 100  
70 39.2 32.6 48.8  
55 26.3 19.7 29.5  
61 21.2 19.0 28.4

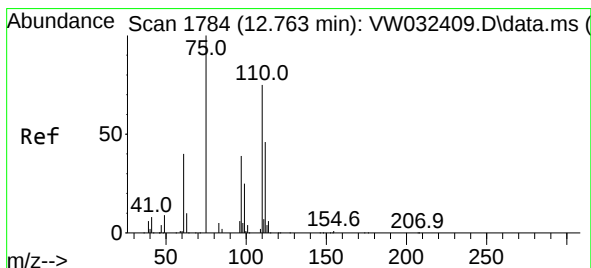
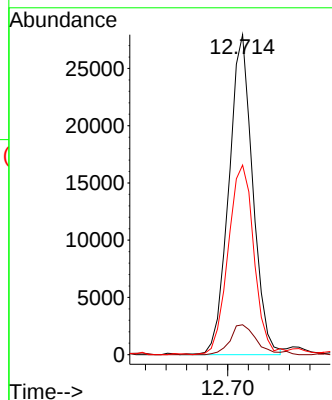
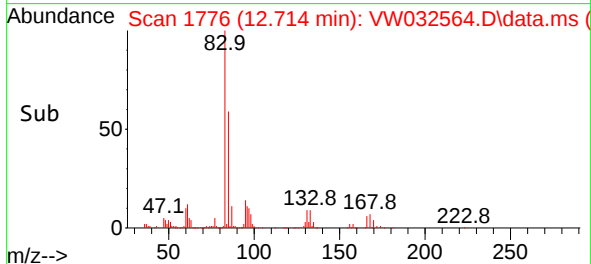
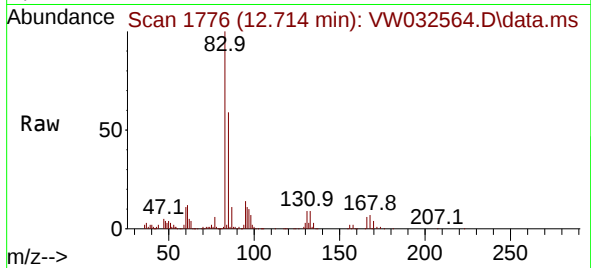




#75  
1,1,2,2-Tetrachloroethane  
Concen: 9.434 ug/l  
RT: 12.714 min Scan# 1776  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

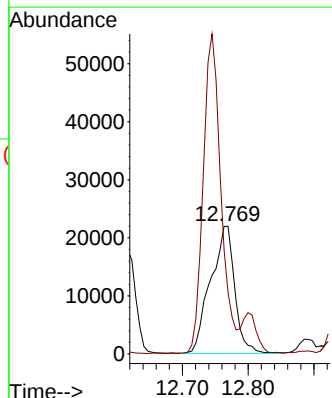
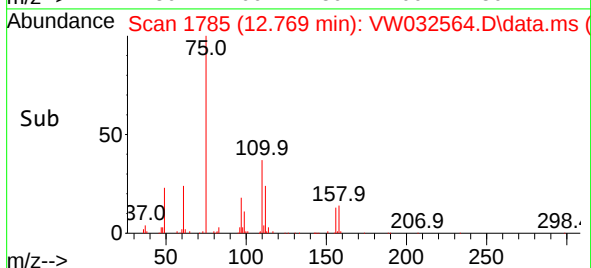
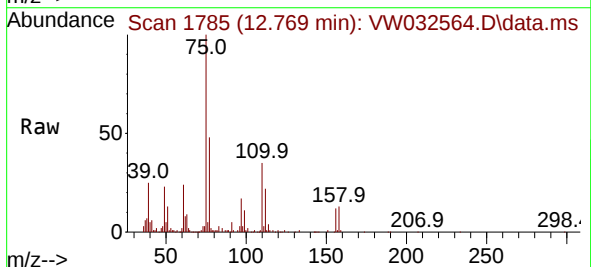
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

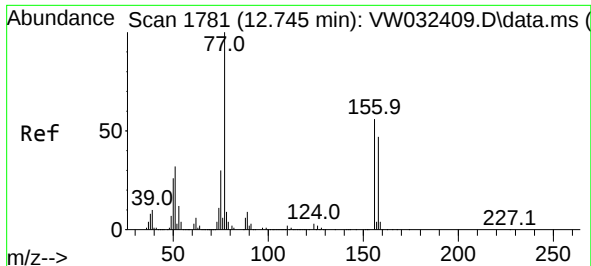
Tgt Ion: 83 Resp: 45108  
Ion Ratio Lower Upper  
83 100  
131 10.4 4.8 14.3  
85 64.2 32.5 97.4



#76  
1,2,3-Trichloropropane  
Concen: 15.033 ug/l  
RT: 12.769 min Scan# 1785  
Delta R.T. 0.006 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

Tgt Ion: 75 Resp: 56096  
Ion Ratio Lower Upper  
75 100  
77 0.0 148.2 444.4#

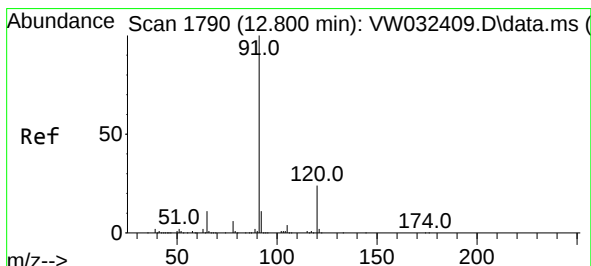
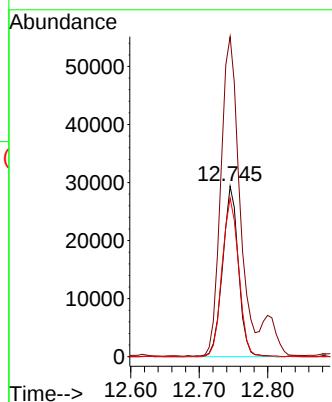
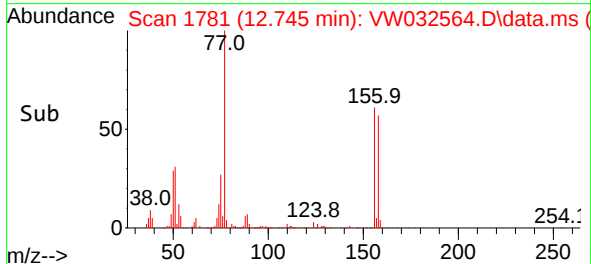
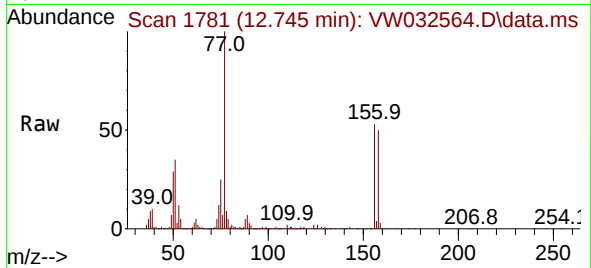




#77  
Bromobenzene  
Concen: 9.738 ug/l  
RT: 12.745 min Scan# 1781  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

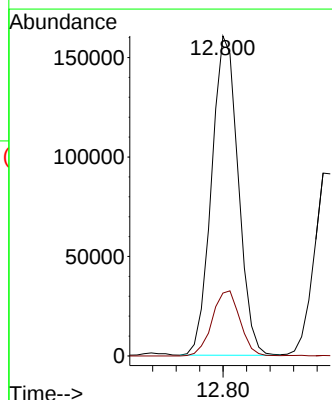
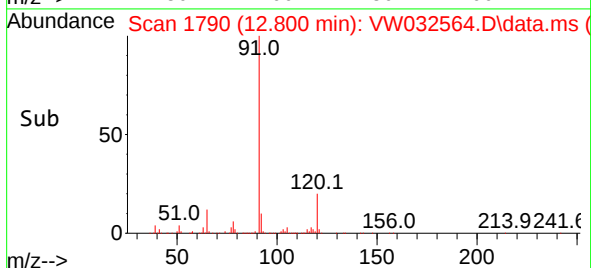
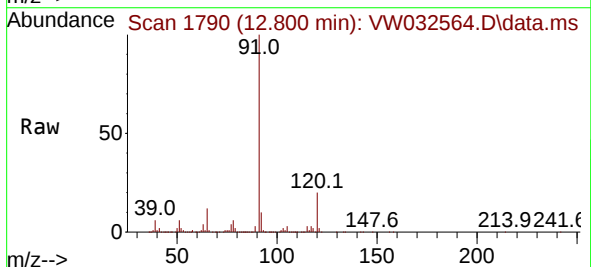
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

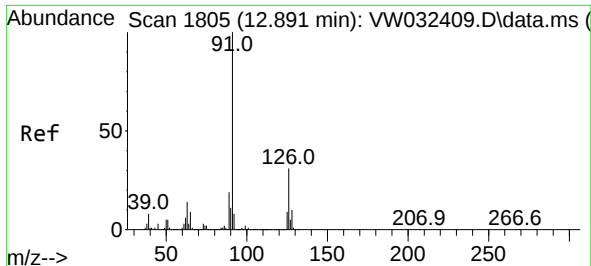
Tgt Ion:156 Resp: 46757  
Ion Ratio Lower Upper  
156 100  
77 220.3 115.9 347.7  
158 98.2 50.7 152.1



#78  
n-propylbenzene  
Concen: 9.756 ug/l  
RT: 12.800 min Scan# 1790  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

Tgt Ion: 91 Resp: 252814  
Ion Ratio Lower Upper  
91 100  
120 21.3 10.8 32.4

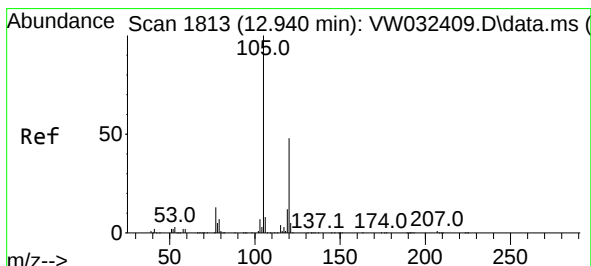
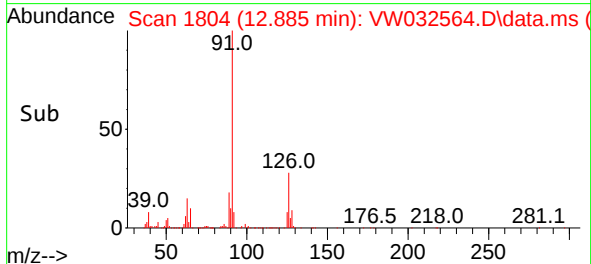
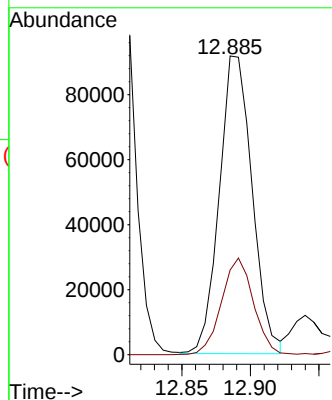
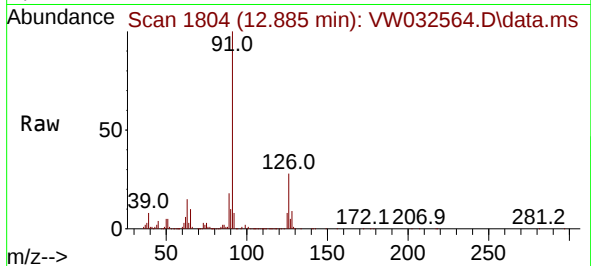




#79  
2-Chlorotoluene  
Concen: 9.889 ug/l  
RT: 12.885 min Scan# 1804  
Delta R.T. -0.006 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

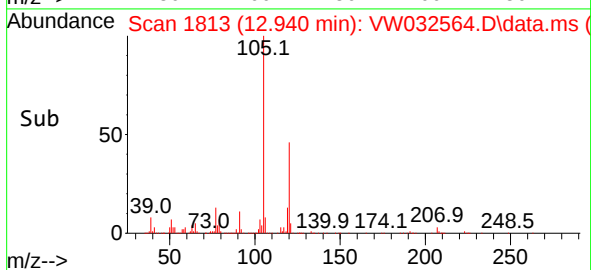
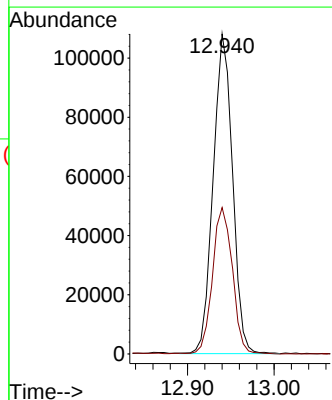
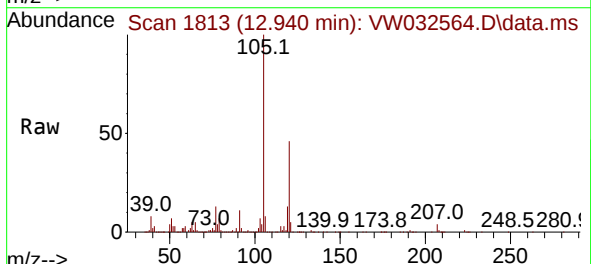
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

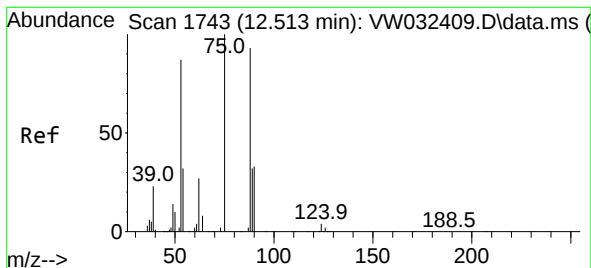
Tgt Ion: 91 Resp: 152792  
Ion Ratio Lower Upper  
91 100  
126 31.6 15.7 47.0



#80  
1,3,5-Trimethylbenzene  
Concen: 9.678 ug/l  
RT: 12.940 min Scan# 1813  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

Tgt Ion: 105 Resp: 167738  
Ion Ratio Lower Upper  
105 100  
120 47.1 23.8 71.4

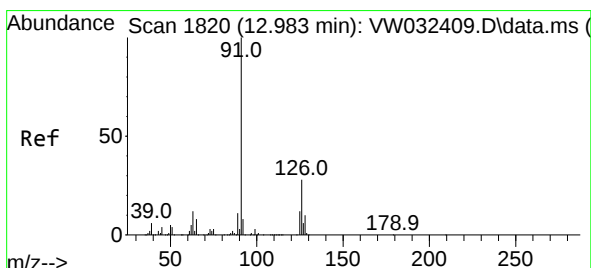
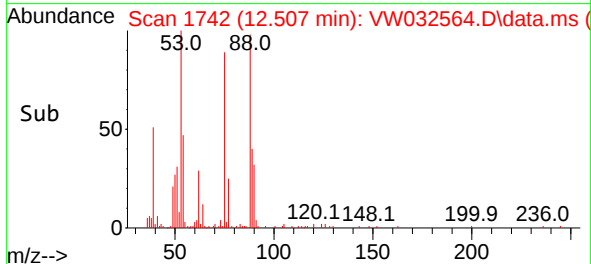
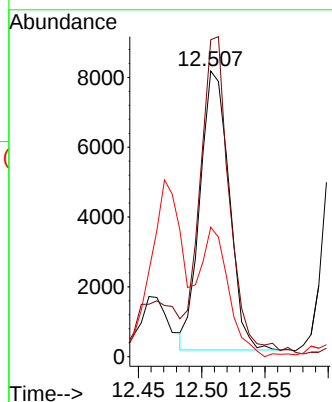
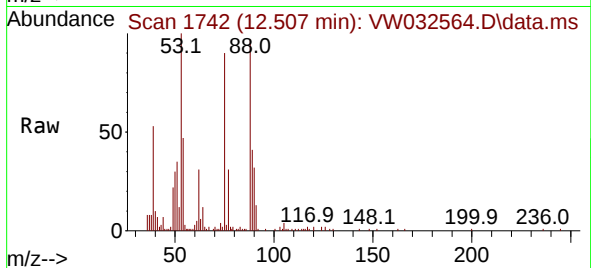




#81  
trans-1,4-Dichloro-2-butene  
Concen: 8.121 ug/l  
RT: 12.507 min Scan# 1742  
Delta R.T. -0.006 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

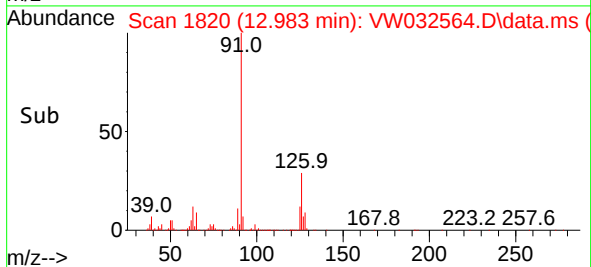
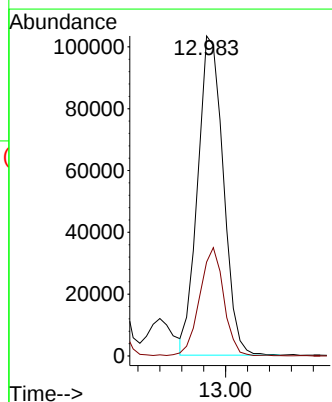
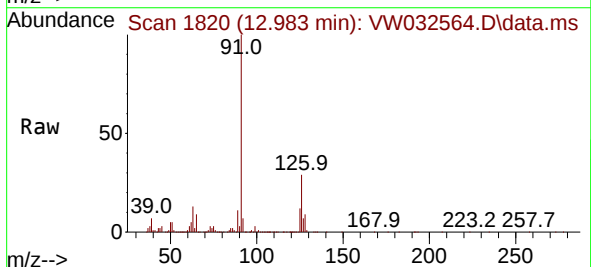
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

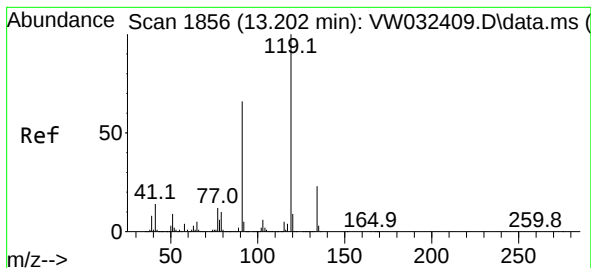
Tgt Ion: 75 Resp: 12793  
Ion Ratio Lower Upper  
75 100  
53 115.8 80.8 121.2  
89 41.3 31.4 47.2



#82  
4-Chlorotoluene  
Concen: 10.133 ug/l  
RT: 12.983 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

Tgt Ion: 91 Resp: 167445  
Ion Ratio Lower Upper  
91 100  
126 31.9 15.6 46.7





#83

tert-Butylbenzene

Concen: 9.670 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. -0.000 min

Lab File: VW032564.D

Acq: 03 Dec 2025 11:53

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

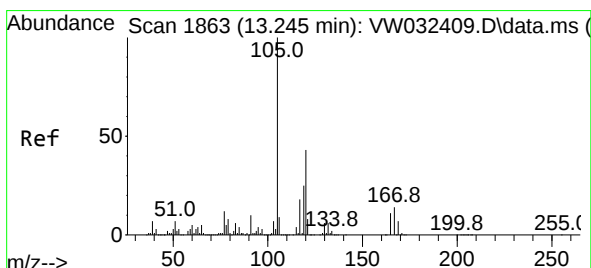
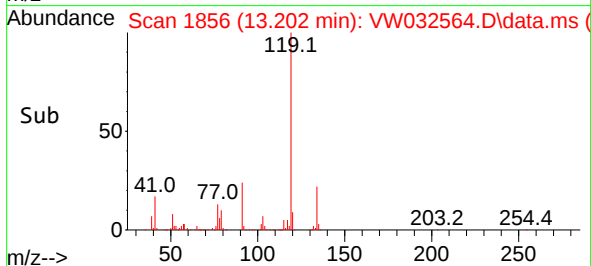
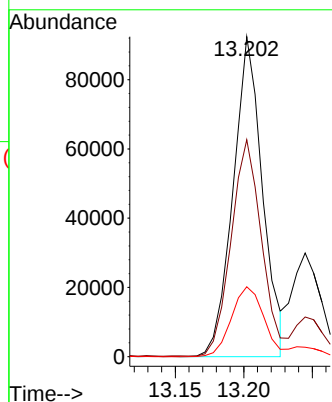
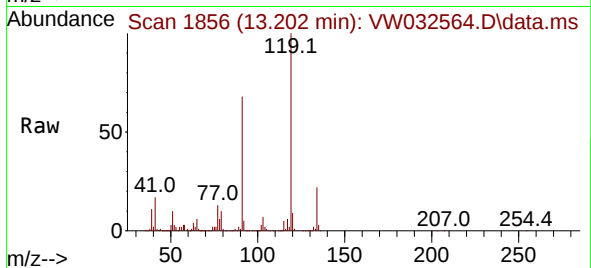
Tgt Ion:119 Resp: 138228

Ion Ratio Lower Upper

119 100

91 70.5 34.6 103.9

134 24.4 12.5 37.5



#84

1,2,4-Trimethylbenzene

Concen: 9.634 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW032564.D

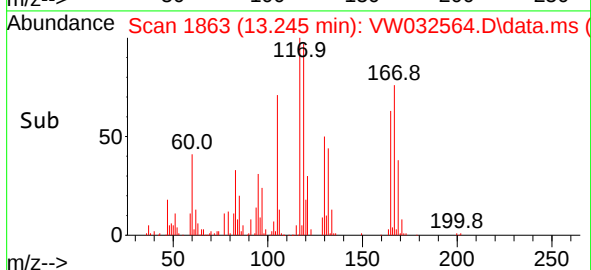
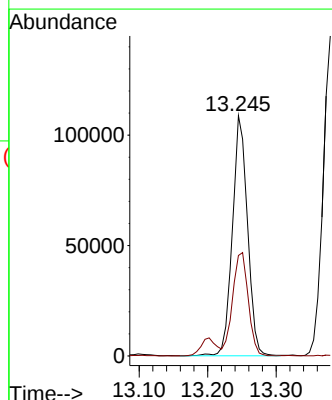
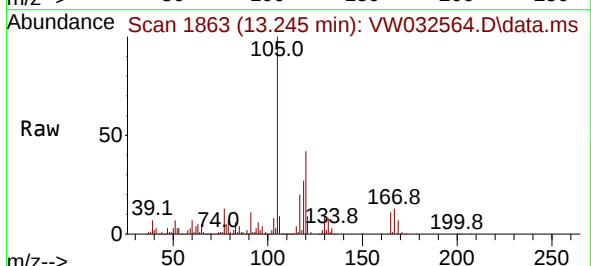
Acq: 03 Dec 2025 11:53

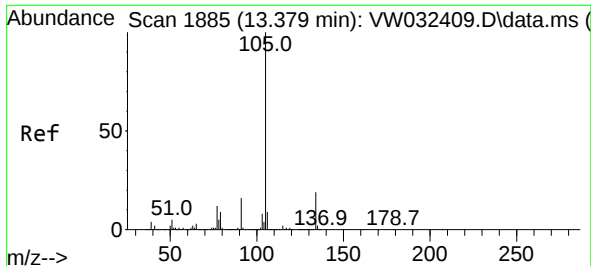
Tgt Ion:105 Resp: 166786

Ion Ratio Lower Upper

105 100

120 44.5 22.7 68.1

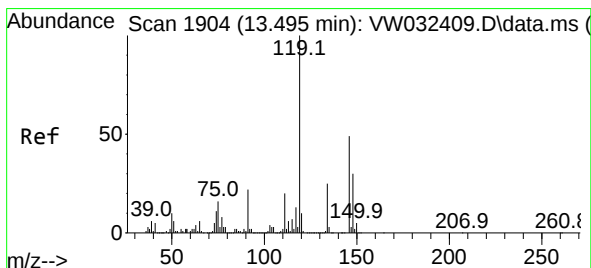
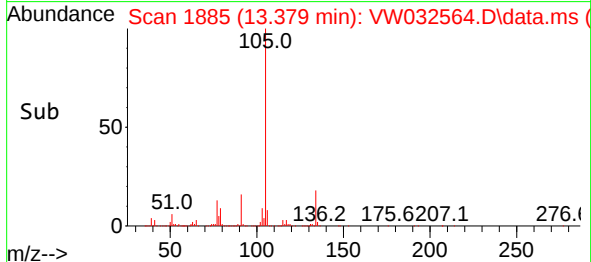
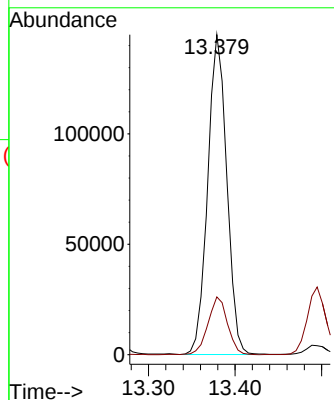
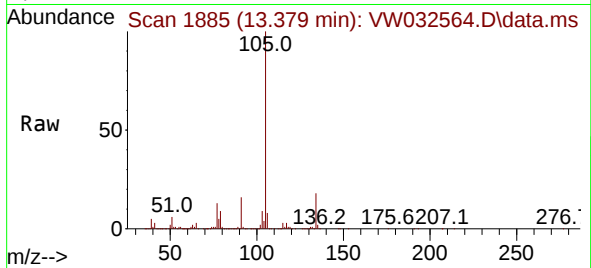




#85  
 sec-Butylbenzene  
 Concen: 10.032 ug/l  
 RT: 13.379 min Scan# 1885  
 Delta R.T. -0.000 min  
 Lab File: VW032564.D  
 Acq: 03 Dec 2025 11:53

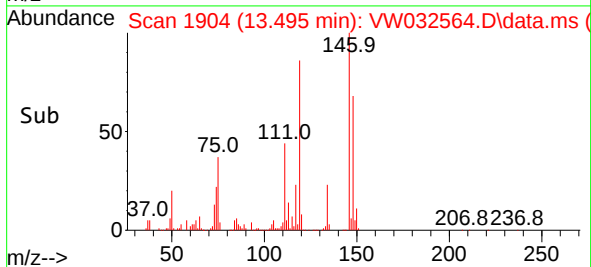
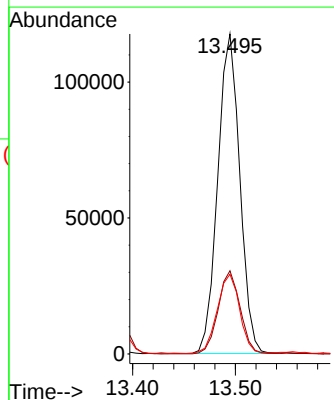
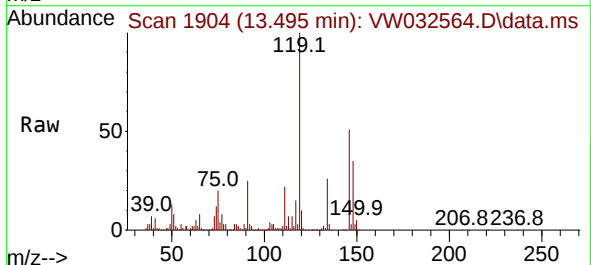
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

Tgt Ion:105 Resp: 221174  
 Ion Ratio Lower Upper  
 105 100  
 134 18.6 9.4 28.3



#86  
 p-Isopropyltoluene  
 Concen: 9.635 ug/l  
 RT: 13.495 min Scan# 1904  
 Delta R.T. -0.000 min  
 Lab File: VW032564.D  
 Acq: 03 Dec 2025 11:53

Tgt Ion:119 Resp: 174959  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 13.0 38.9  
 91 25.1 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 10.061 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032564.D

Acq: 03 Dec 2025 11:53

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

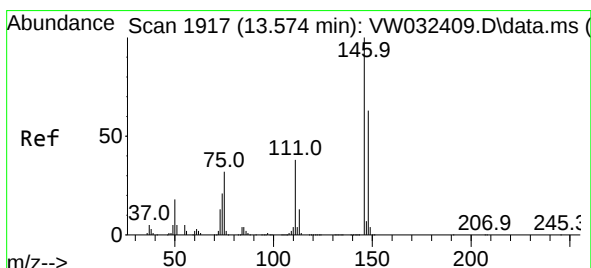
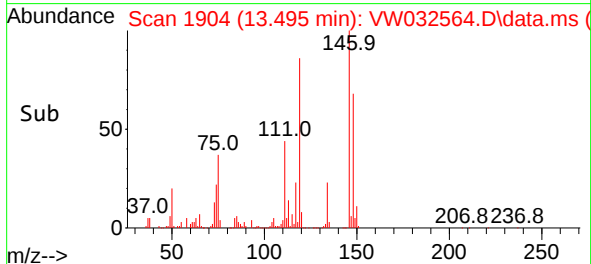
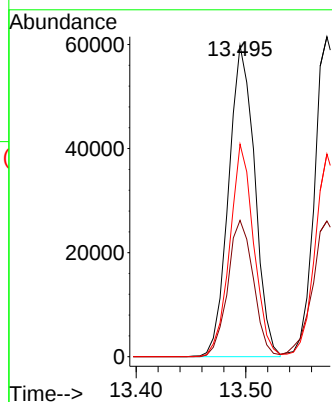
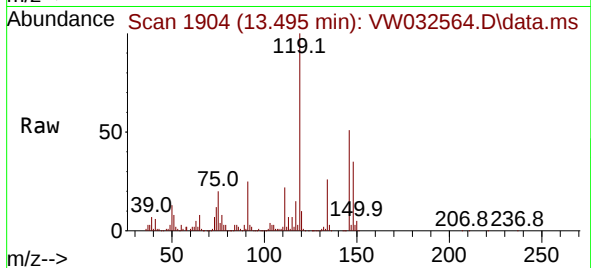
Tgt Ion:146 Resp: 98770

Ion Ratio Lower Upper

146 100

111 43.0 21.6 64.6

148 63.0 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 10.488 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032564.D

Acq: 03 Dec 2025 11:53

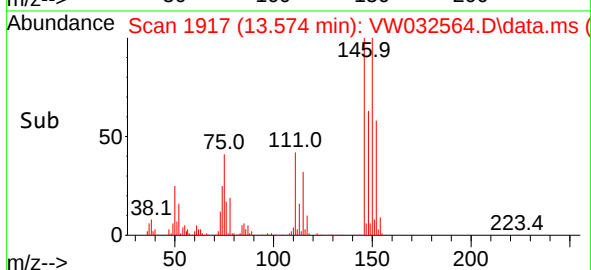
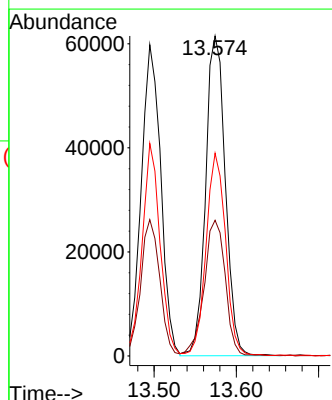
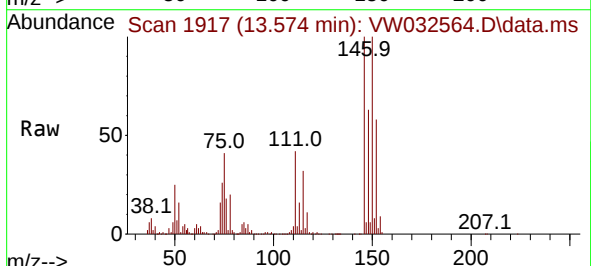
Tgt Ion:146 Resp: 102197

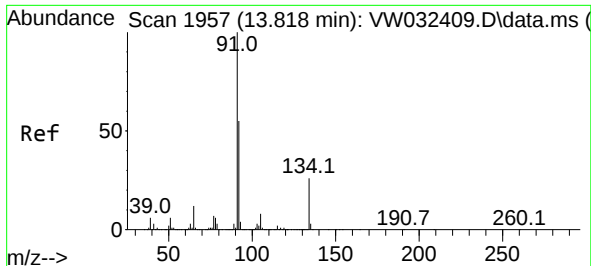
Ion Ratio Lower Upper

146 100

111 45.5 20.8 62.5

148 62.9 31.4 94.3





#89

n-Butylbenzene

Concen: 9.785 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032564.D

Acq: 03 Dec 2025 11:53

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

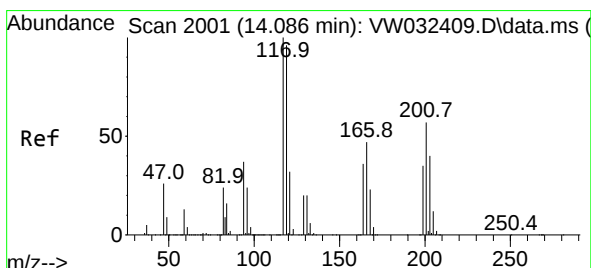
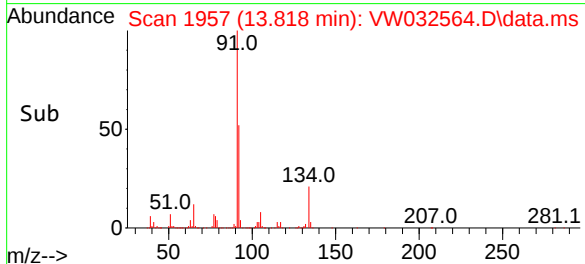
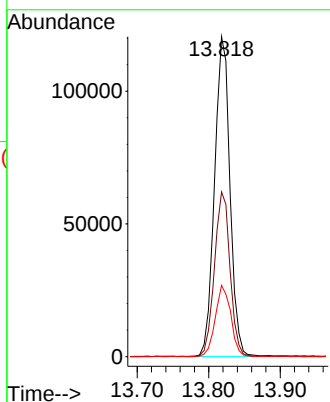
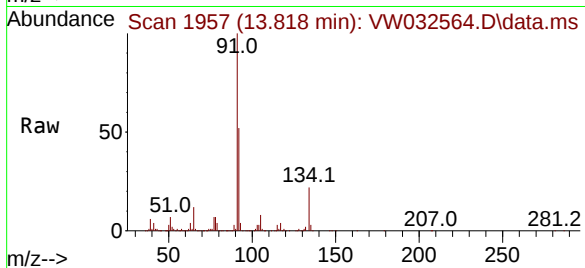
Tgt Ion: 91 Resp: 180447

Ion Ratio Lower Upper

91 100

92 52.1 27.1 81.3

134 22.4 12.4 37.0



#90

Hexachloroethane

Concen: 9.720 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VW032564.D

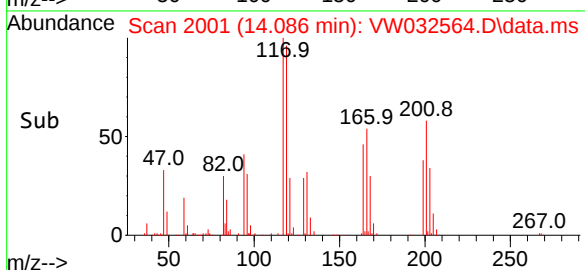
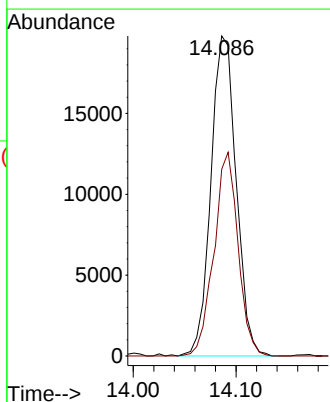
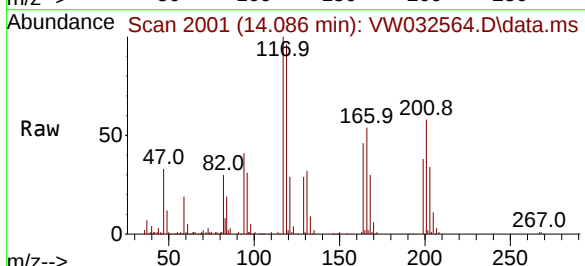
Acq: 03 Dec 2025 11:53

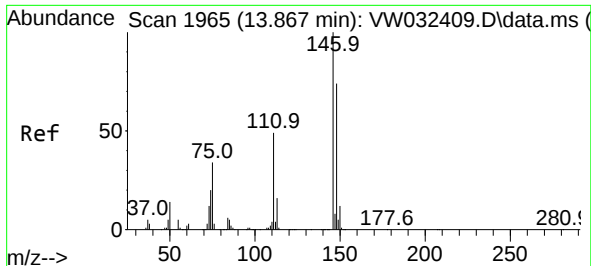
Tgt Ion: 117 Resp: 33804

Ion Ratio Lower Upper

117 100

201 60.6 29.5 88.6





#91

1,2-Dichlorobenzene

Concen: 9.962 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW032564.D

Acq: 03 Dec 2025 11:53

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

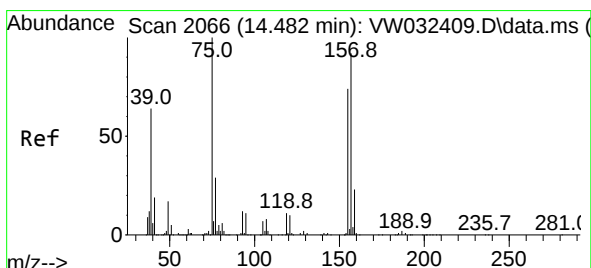
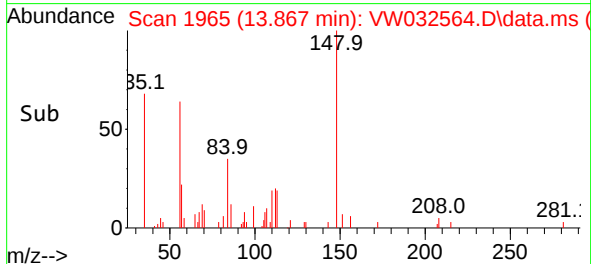
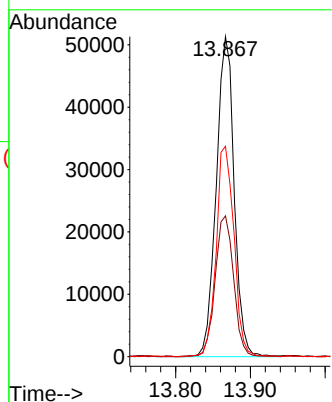
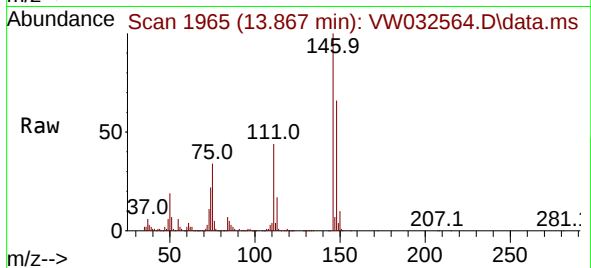
Tgt Ion:146 Resp: 85787

Ion Ratio Lower Upper

146 100

111 45.5 22.8 68.3

148 65.3 32.6 97.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 8.116 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW032564.D

Acq: 03 Dec 2025 11:53

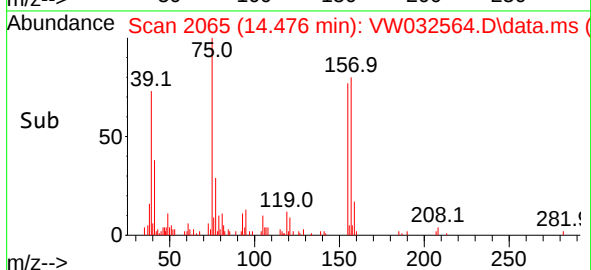
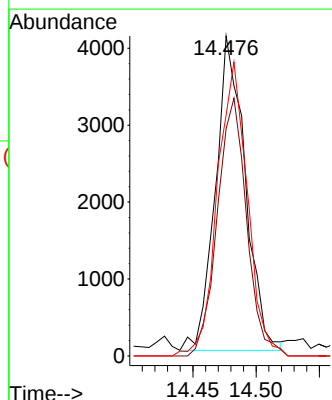
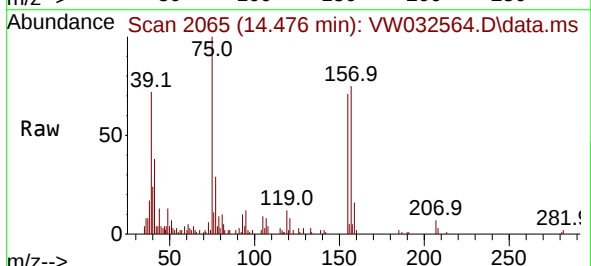
Tgt Ion: 75 Resp: 6691

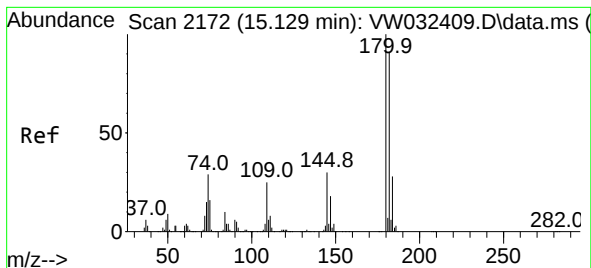
Ion Ratio Lower Upper

75 100

155 80.6 34.6 103.9

157 94.1 44.4 133.2

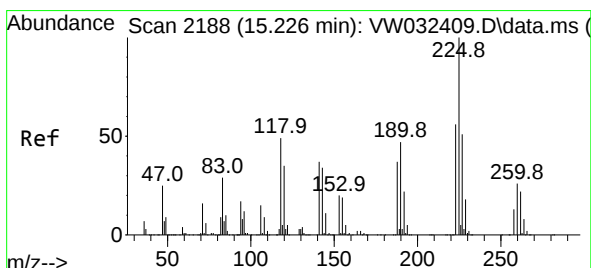
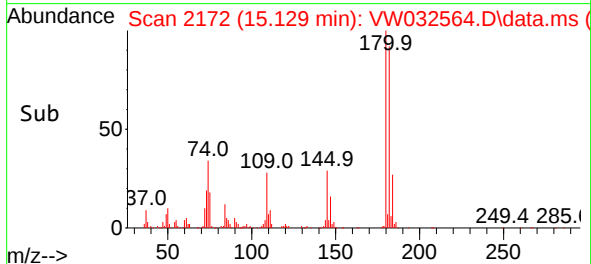
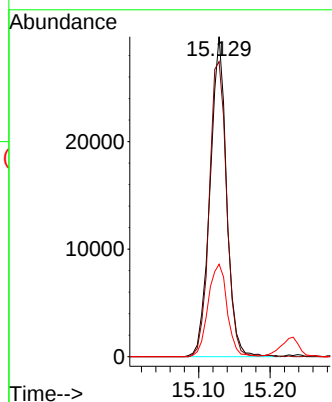
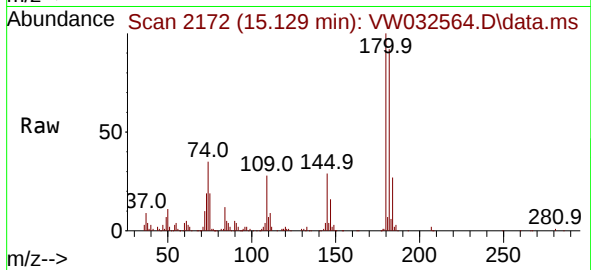




#93  
1,2,4-Trichlorobenzene  
Concen: 9.109 ug/l  
RT: 15.129 min Scan# 2172  
Delta R.T. 0.006 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

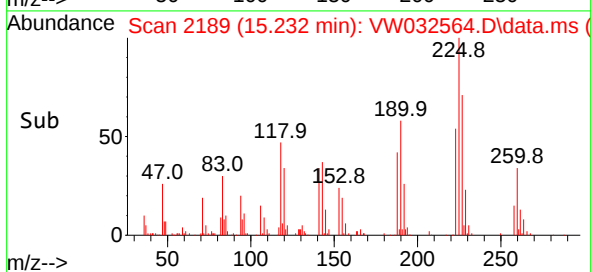
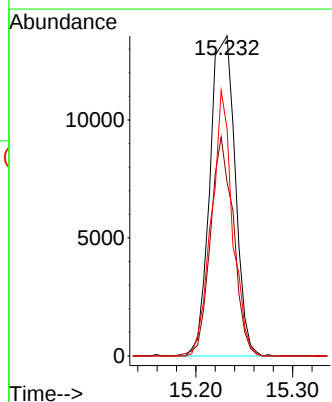
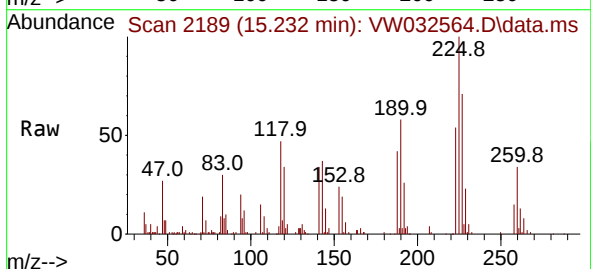
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

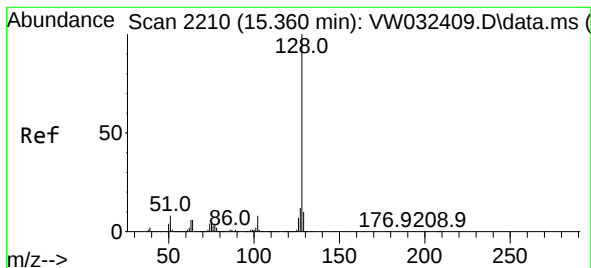
Tgt Ion:180 Resp: 47774  
Ion Ratio Lower Upper  
180 100  
182 96.9 48.1 144.3  
145 33.2 17.1 51.3



#94  
Hexachlorobutadiene  
Concen: 10.182 ug/l  
RT: 15.232 min Scan# 2189  
Delta R.T. -0.000 min  
Lab File: VW032564.D  
Acq: 03 Dec 2025 11:53

Tgt Ion:225 Resp: 24582  
Ion Ratio Lower Upper  
225 100  
223 62.3 30.3 91.0  
227 69.0 30.7 92.1





#95

Naphthalene

Concen: 7.877 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW032564.D

Acq: 03 Dec 2025 11:53

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

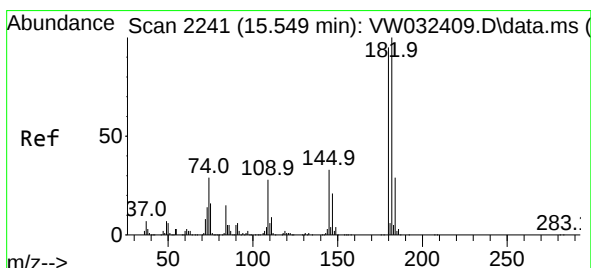
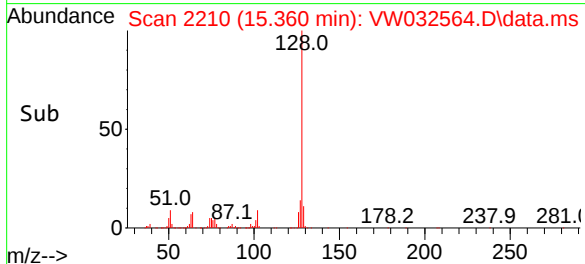
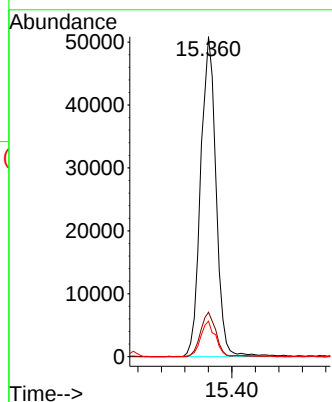
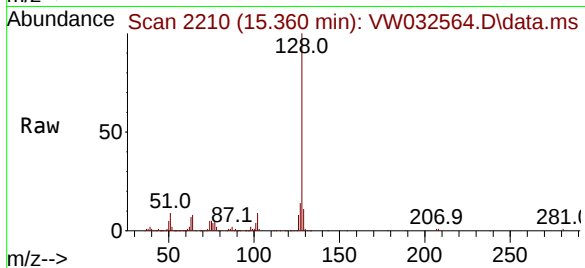
Tgt Ion:128 Resp: 92648

Ion Ratio Lower Upper

128 100

127 14.0 10.6 15.8

129 10.7 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 9.384 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW032564.D

Acq: 03 Dec 2025 11:53

Tgt Ion:180 Resp: 44710

Ion Ratio Lower Upper

180 100

182 94.9 48.0 144.2

145 34.4 17.8 53.4

