

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW081125\  
 Data File : VW032053.D  
 Acq On : 11 Aug 2025 09:09  
 Operator : SY/MD  
 Sample : VSTDIC010  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

Quant Time: Aug 12 03:37:04 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W081125S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 12 03:34:13 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.959  | 168  | 225221   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.849  | 114  | 426784   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.629 | 117  | 385631   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.556 | 152  | 181281   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.319  | 65    | 33671    | 10.337   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 63 - 155 | Recovery | =    | 20.680%# |
| 35) Dibromofluoromethane    | 7.904  | 113   | 27978    | 10.147   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 70 - 134 | Recovery | =    | 20.300%# |
| 50) Toluene-d8              | 10.331 | 98    | 100702   | 9.875    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 123 | Recovery | =    | 19.740%# |
| 62) 4-Bromofluorobenzene    | 12.617 | 95    | 36748    | 9.778    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 17 - 146 | Recovery | =    | 19.560%  |

|                              |       |     |        |        |        |     |
|------------------------------|-------|-----|--------|--------|--------|-----|
| Target Compounds             |       |     |        | Qvalue |        |     |
| 2) Dichlorodifluoromethane   | 2.039 | 85  | 17258  | 10.714 | ug/l   | 99  |
| 3) Chloromethane             | 2.253 | 50  | 21693  | 9.998  | ug/l   | 91  |
| 4) Vinyl Chloride            | 2.405 | 62  | 27978  | 10.660 | ug/l   | 92  |
| 5) Bromomethane              | 2.826 | 94  | 20345  | 10.332 | ug/l   | 93  |
| 6) Chloroethane              | 2.966 | 64  | 17509  | 10.081 | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 3.301 | 101 | 19623  | 9.333  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.716 | 74  | 17227  | 10.000 | ug/l   | 95  |
| 9) 1,1,2-Trichlorotrifluo... | 4.100 | 101 | 25491  | 10.276 | ug/l   | 99  |
| 10) Methyl Iodide            | 4.301 | 142 | 35515  | 10.098 | ug/l   | 98  |
| 11) Tert butyl alcohol       | 5.228 | 59  | 10754  | 50.985 | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 4.082 | 96  | 27944  | 10.231 | ug/l   | 99  |
| 13) Acrolein                 | 3.929 | 56  | 18650  | 55.493 | ug/l   | 94  |
| 14) Allyl chloride           | 4.704 | 41  | 39114  | 9.839  | ug/l   | 100 |
| 15) Acrylonitrile            | 5.405 | 53  | 42536  | 51.842 | ug/l   | 100 |
| 16) Acetone                  | 4.161 | 43  | 40816  | 54.122 | ug/l   | 99  |
| 17) Carbon Disulfide         | 4.423 | 76  | 72806  | 9.931  | ug/l   | 97  |
| 18) Methyl Acetate           | 4.716 | 43  | 27191  | 11.394 | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.460 | 73  | 47872  | 9.947  | ug/l   | 97  |
| 20) Methylene Chloride       | 4.960 | 84  | 35462  | 10.170 | ug/l   | 95  |
| 21) trans-1,2-Dichloroethene | 5.454 | 96  | 28875  | 9.962  | ug/l   | 93  |
| 22) Diisopropyl ether        | 6.344 | 45  | 84045  | 10.029 | ug/l   | 97  |
| 23) Vinyl Acetate            | 6.283 | 43  | 259050 | 47.081 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.240 | 63  | 54051  | 10.095 | ug/l   | 98  |
| 25) 2-Butanone               | 7.197 | 43  | 54327  | 50.685 | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 7.185 | 77  | 27463  | 10.224 | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 7.191 | 96  | 33173  | 9.791  | ug/l   | 99  |
| 28) Bromochloromethane       | 7.532 | 49  | 24412  | 10.019 | ug/l   | 99  |
| 29) Tetrahydrofuran          | 7.557 | 42  | 35909  | 50.800 | ug/l   | 99  |
| 30) Chloroform               | 7.697 | 83  | 57170  | 10.071 | ug/l   | 99  |
| 31) Cyclohexane              | 7.971 | 56  | 48633  | 10.477 | ug/l # | 95  |
| 32) 1,1,1-Trichloroethane    | 7.886 | 97  | 42747  | 10.368 | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 8.093 | 75  | 38994  | 10.032 | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.276 | 43  | 23053  | 10.070 | ug/l   | 96  |
| 38) Carbon Tetrachloride     | 8.081 | 117 | 37535  | 10.007 | ug/l   | 91  |
| 39) Methylcyclohexane        | 9.343 | 83  | 46100  | 9.731  | ug/l   | 96  |
| 40) Benzene                  | 8.337 | 78  | 121462 | 10.053 | ug/l   | 95  |

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 Sample : VSTDICC010  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICC010

Quant Time: Aug 12 03:37:04 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W081125S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 12 03:34:13 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.502  | 41   | 11729    | 9.035   | ug/l # | 90       |
| 42) 1,2-Dichloroethane        | 8.410  | 62   | 39882    | 10.316  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.435  | 43   | 41036    | 9.743   | ug/l   | 98       |
| 44) Trichloroethene           | 9.105  | 130  | 28498    | 9.905   | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.374  | 63   | 29199    | 10.004  | ug/l   | 98       |
| 46) Dibromomethane            | 9.471  | 93   | 18653    | 9.901   | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.654  | 83   | 42618    | 9.818   | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.441  | 41   | 19654    | 9.666   | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.465  | 88   | 4684     | 192.302 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone      | 10.215 | 43   | 121419   | 51.075  | ug/l   | 99       |
| 52) Toluene                   | 10.392 | 92   | 75250    | 9.888   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.605 | 75   | 38397    | 9.441   | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.075 | 75   | 44031    | 9.543   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.788 | 97   | 25277    | 10.097  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.648 | 69   | 31022    | 9.260   | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 10.934 | 76   | 44743    | 10.254  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.928  | 63   | 88627    | 47.830  | ug/l   | 100      |
| 59) 2-Hexanone                | 10.971 | 43   | 82830    | 50.310  | ug/l   | 97       |
| 60) Dibromochloromethane      | 11.129 | 129  | 27954    | 9.776   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.239 | 107  | 24146    | 9.926   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.867 | 164  | 23235    | 10.431  | ug/l   | 90       |
| 65) Chlorobenzene             | 11.660 | 112  | 86096    | 10.257  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 11.733 | 131  | 26286    | 10.037  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.733 | 91   | 139254   | 9.794   | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.837 | 106  | 108990   | 19.866  | ug/l   | 98       |
| 69) o-Xylene                  | 12.166 | 106  | 49259    | 9.714   | ug/l   | 97       |
| 70) Styrene                   | 12.184 | 104  | 87542    | 9.719   | ug/l   | 99       |
| 71) Bromoform                 | 12.349 | 173  | 14547    | 9.711   | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.464 | 105  | 125246   | 9.886   | ug/l   | 98       |
| 74) N-amyl acetate            | 12.269 | 43   | 35636    | 9.804   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.714 | 83   | 31581    | 10.499  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.763 | 75   | 39515    | 14.180  | ug/l   | 58       |
| 77) Bromobenzene              | 12.745 | 156  | 31656    | 10.462  | ug/l   | 98       |
| 78) n-propylbenzene           | 12.800 | 91   | 156266   | 10.019  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.891 | 91   | 96942    | 10.071  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 108123   | 10.053  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.513 | 75   | 8936     | 9.403   | ug/l   | 90       |
| 82) 4-Chlorotoluene           | 12.989 | 91   | 103329   | 10.103  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.202 | 119  | 86848    | 9.729   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 110697   | 10.110  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.379 | 105  | 131663   | 9.756   | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.495 | 119  | 110557   | 9.827   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.495 | 146  | 62383    | 10.361  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.574 | 146  | 62843    | 10.328  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.818 | 91   | 108004   | 9.881   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.086 | 117  | 20175    | 9.805   | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.867 | 146  | 56501    | 10.359  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.482 | 75   | 5305     | 9.920   | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.129 | 180  | 31816    | 9.751   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.232 | 225  | 14987    | 10.276  | ug/l   | 98       |
| 95) Naphthalene               | 15.360 | 128  | 76287    | 9.542   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.549 | 180  | 28678    | 9.660   | ug/l   | 99       |

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Operator : SY/MD  
Sample : VSTDICC010  
Misc : 5.00g/5mL/MSVOA\_W/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC010

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Quant Title : SW846 8260  
QLast Update : Tue Aug 12 03:34:13 2025  
Response via : Initial Calibration

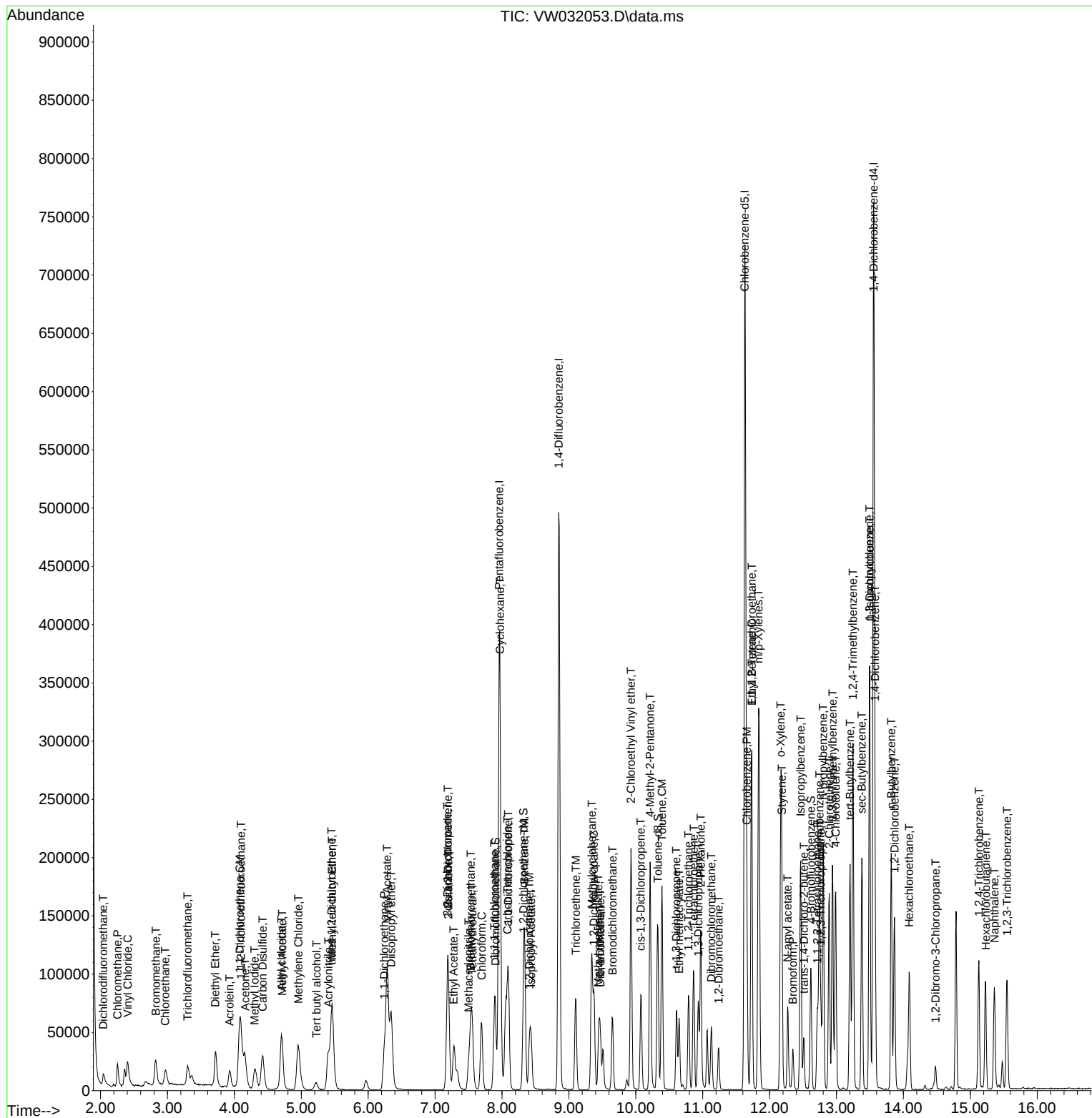
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

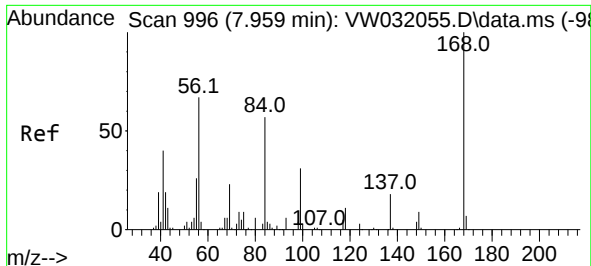
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ALS Vial : 4 Sample Multiplier: 1

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Quant Title : SW846 8260  
QLast Update : Tue Aug 12 03:34:13 2025  
Response via : Initial Calibration

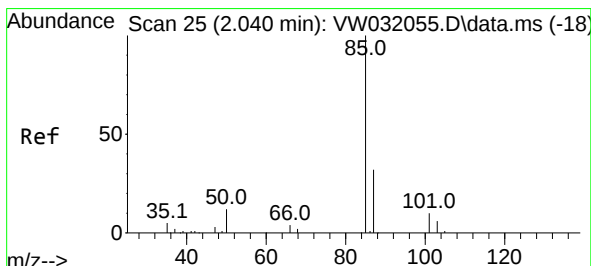
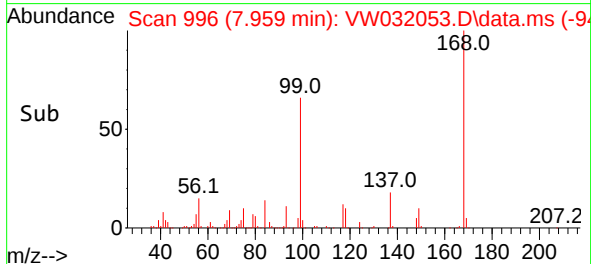
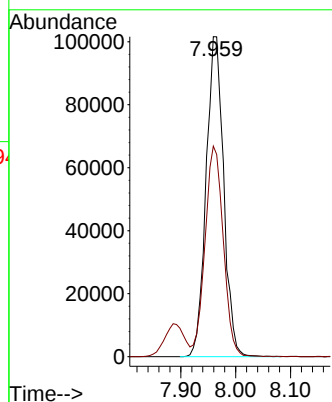
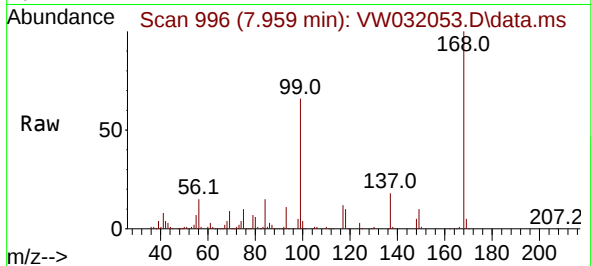




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.959 min Scan# 996  
Delta R.T. 0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

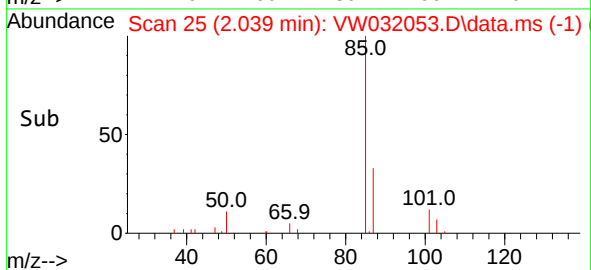
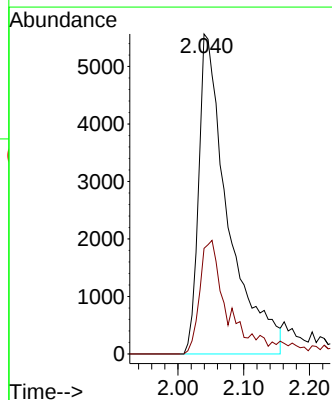
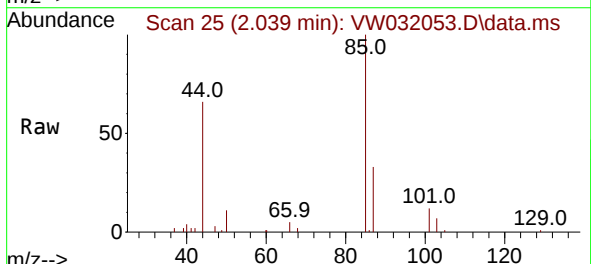
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

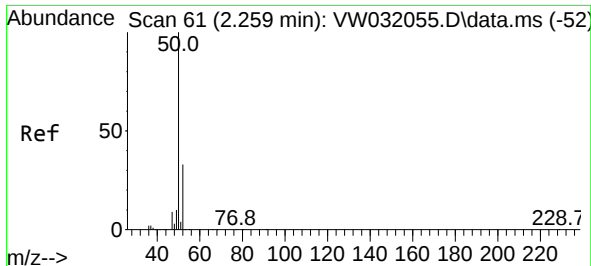
Tgt Ion:168 Resp: 225221  
Ion Ratio Lower Upper  
168 100  
99 65.7 56.0 84.0



#2  
Dichlorodifluoromethane  
Concen: 10.714 ug/l  
RT: 2.039 min Scan# 25  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

Tgt Ion: 85 Resp: 17258  
Ion Ratio Lower Upper  
85 100  
87 33.0 16.2 48.6

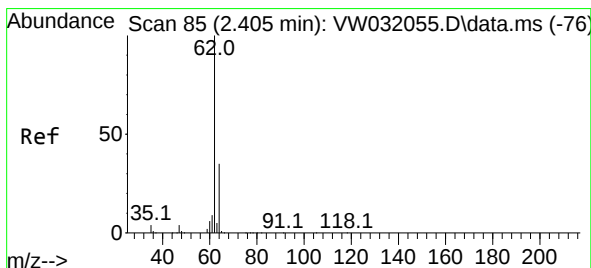
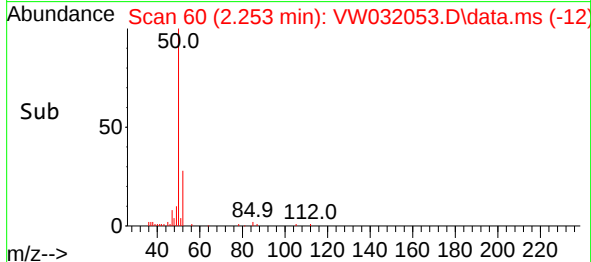
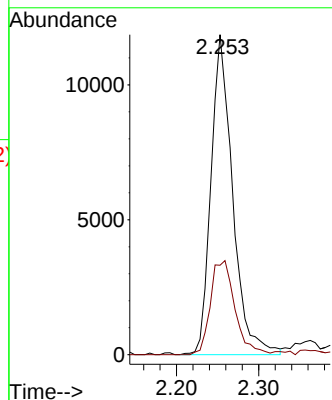
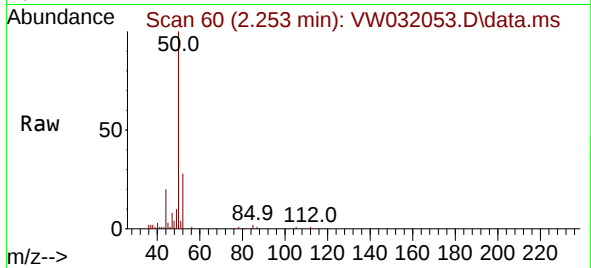




#3  
Chloromethane  
Concen: 9.998 ug/l  
RT: 2.253 min Scan# 60  
Delta R.T. -0.006 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

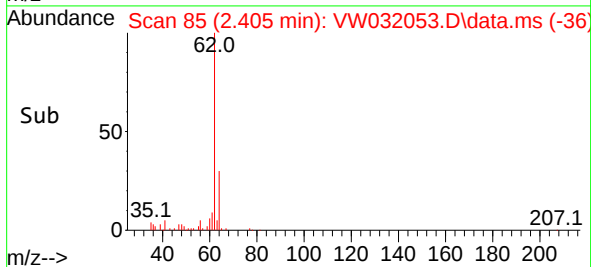
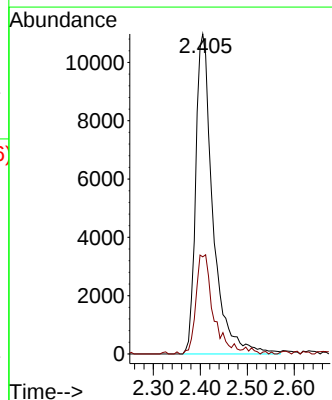
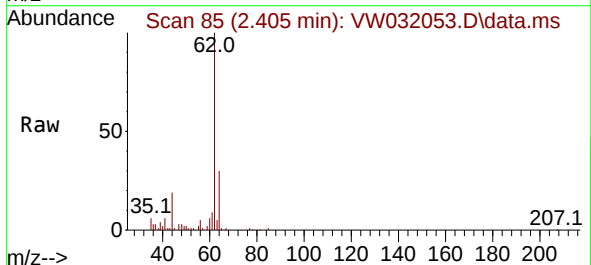
Instrument :  
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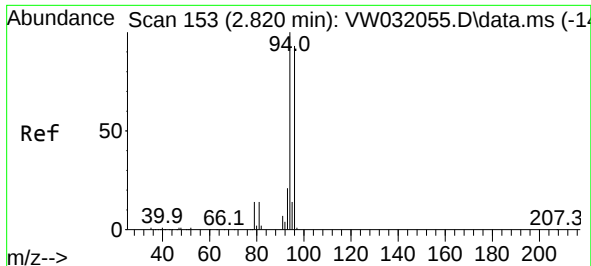
Tgt Ion: 50 Resp: 21693  
Ion Ratio Lower Upper  
50 100  
52 27.9 26.6 39.8



#4  
Vinyl Chloride  
Concen: 10.660 ug/l  
RT: 2.405 min Scan# 85  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

Tgt Ion: 62 Resp: 27978  
Ion Ratio Lower Upper  
62 100  
64 30.3 27.8 41.6

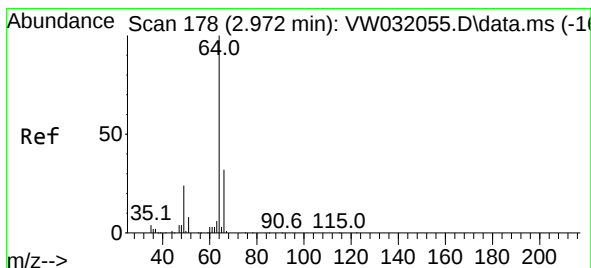
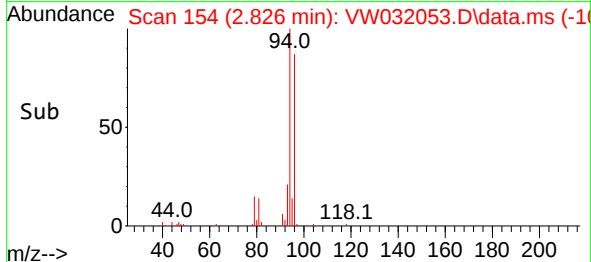
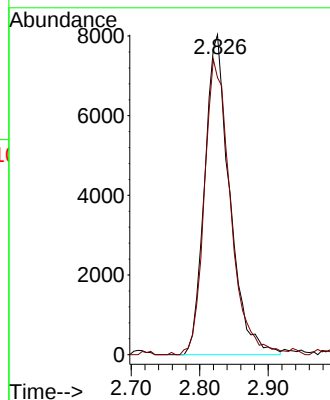
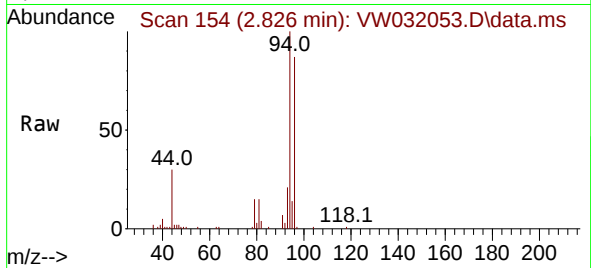




#5  
Bromomethane  
Concen: 10.332 ug/l  
RT: 2.826 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

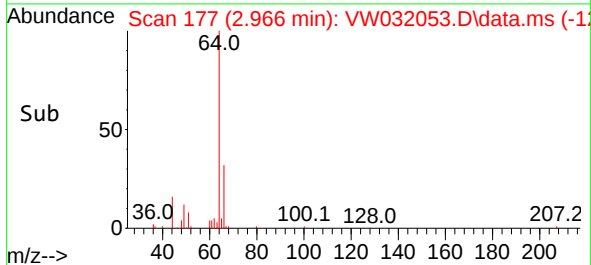
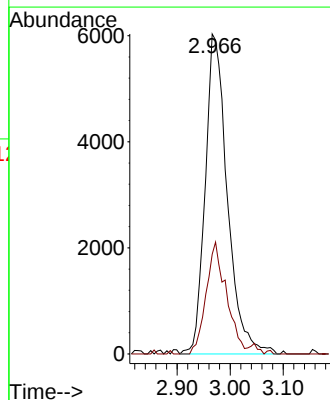
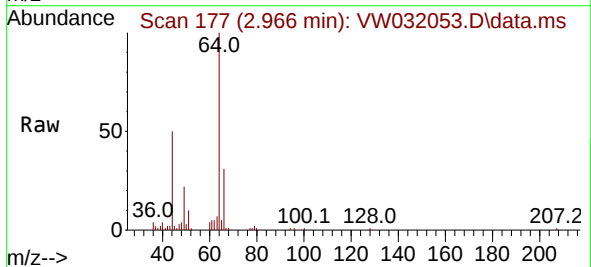
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

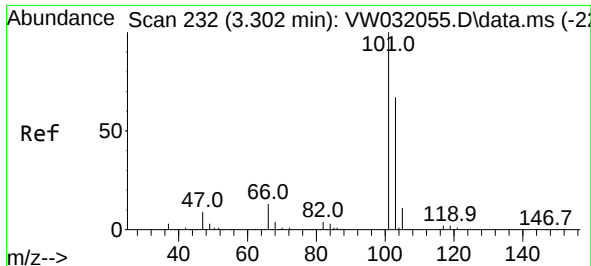
Tgt Ion: 94 Resp: 20345  
Ion Ratio Lower Upper  
94 100  
96 86.6 74.7 112.1



#6  
Chloroethane  
Concen: 10.081 ug/l  
RT: 2.966 min Scan# 177  
Delta R.T. -0.006 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

Tgt Ion: 64 Resp: 17509  
Ion Ratio Lower Upper  
64 100  
66 31.2 26.0 39.0

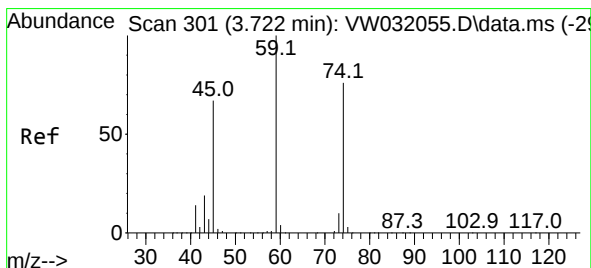
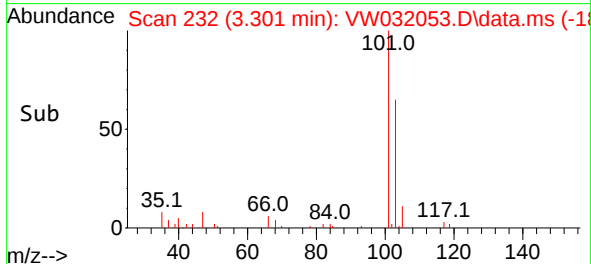
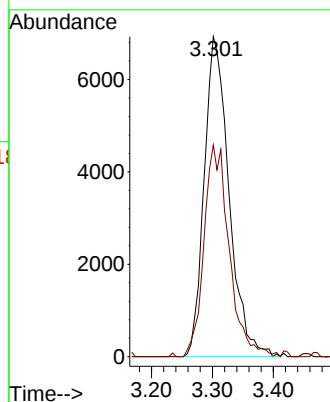
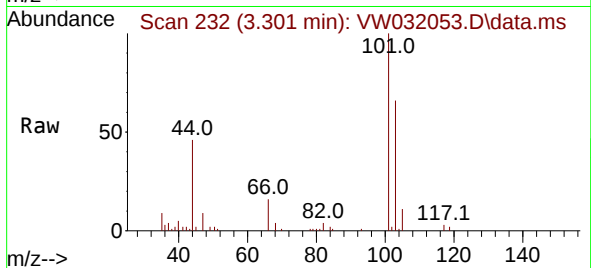




#7  
 Trichlorofluoromethane  
 Concen: 9.333 ug/l  
 RT: 3.301 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VW032053.D  
 Acq: 11 Aug 2025 09:09

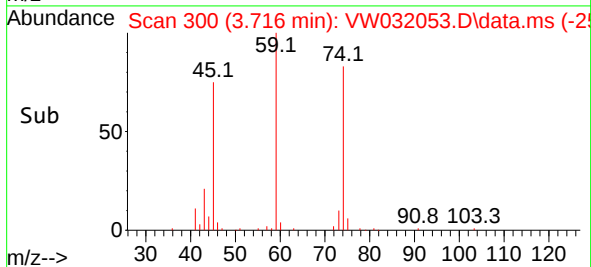
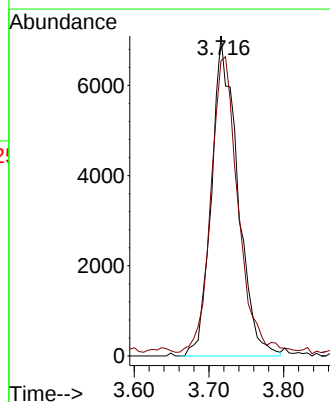
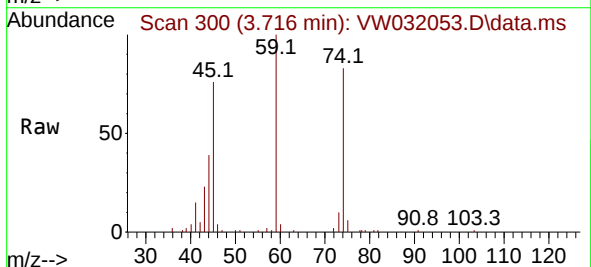
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

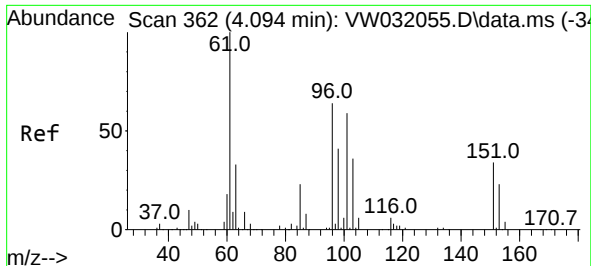
Tgt Ion:101 Resp: 19623  
 Ion Ratio Lower Upper  
 101 100  
 103 66.2 53.4 80.0



#8  
 Diethyl Ether  
 Concen: 10.000 ug/l  
 RT: 3.716 min Scan# 300  
 Delta R.T. -0.006 min  
 Lab File: VW032053.D  
 Acq: 11 Aug 2025 09:09

Tgt Ion: 74 Resp: 17227  
 Ion Ratio Lower Upper  
 74 100  
 45 95.9 45.4 136.2

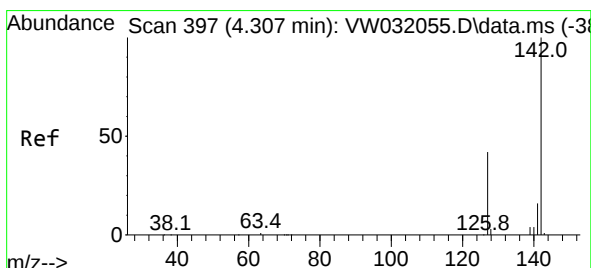
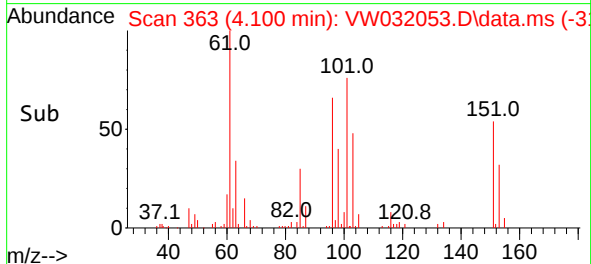
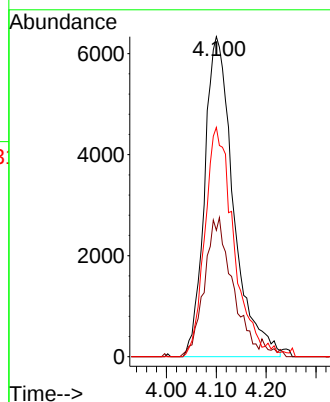
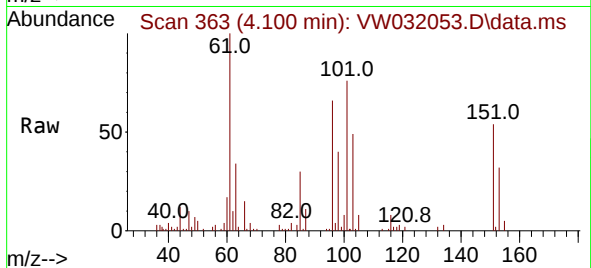




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 10.276 ug/l  
RT: 4.100 min Scan# 363  
Delta R.T. 0.006 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

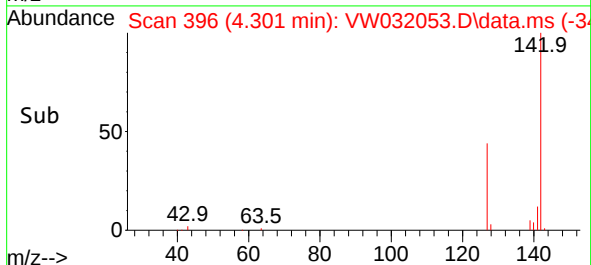
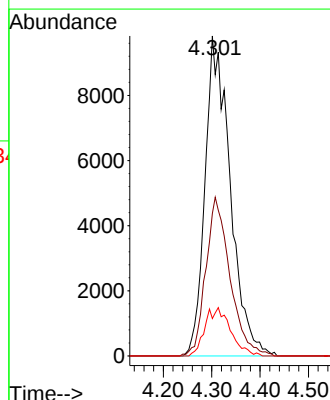
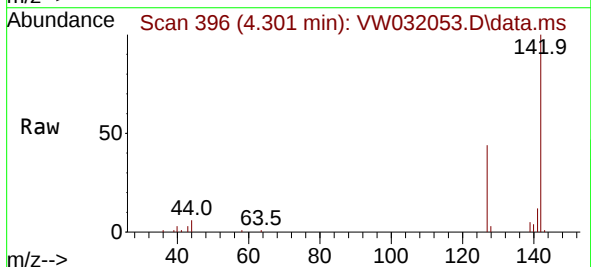
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

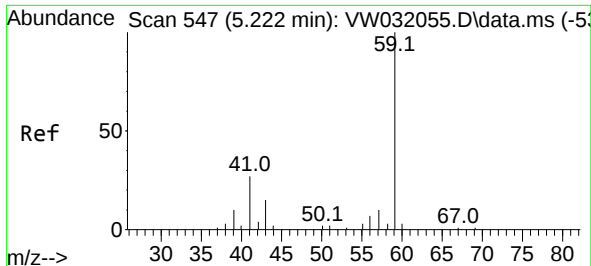
Tgt Ion:101 Resp: 25491  
Ion Ratio Lower Upper  
101 100  
85 42.4 34.9 52.3  
151 70.9 56.2 84.4



#10  
Methyl Iodide  
Concen: 10.098 ug/l  
RT: 4.301 min Scan# 396  
Delta R.T. -0.006 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

Tgt Ion:142 Resp: 35515  
Ion Ratio Lower Upper  
142 100  
127 47.6 36.6 55.0  
141 15.4 12.1 18.1

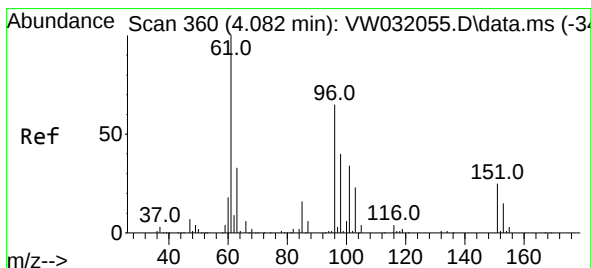
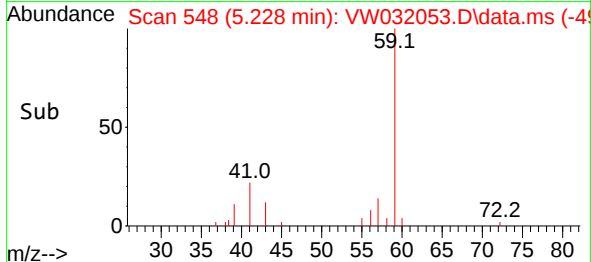
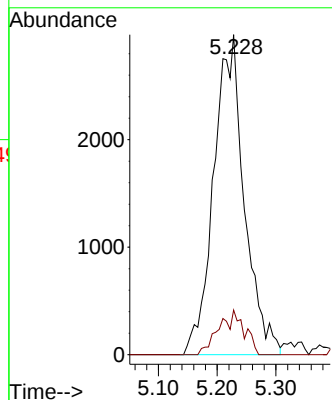
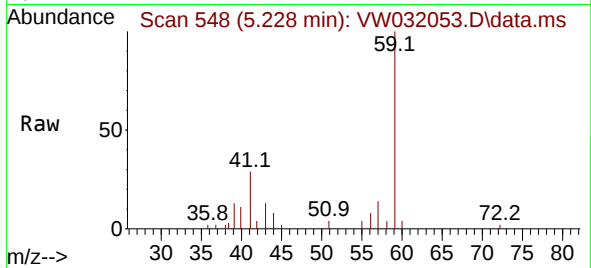




#11  
Tert butyl alcohol  
Concen: 50.985 ug/l  
RT: 5.228 min Scan# 547  
Delta R.T. 0.006 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

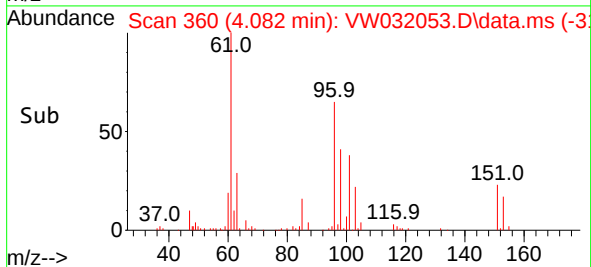
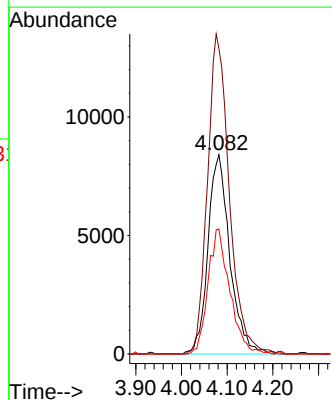
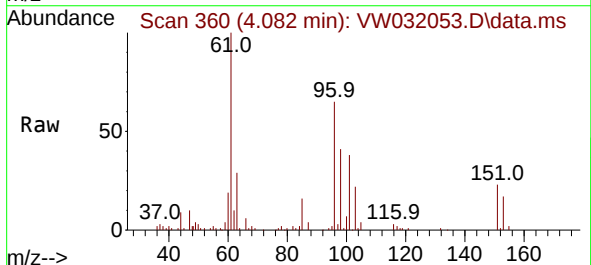
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

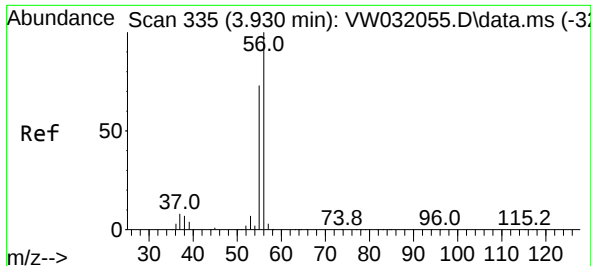
Tgt Ion: 59 Resp: 10754  
Ion Ratio Lower Upper  
59 100  
57 11.7 8.7 13.1



#12  
1,1-Dichloroethene  
Concen: 10.231 ug/l  
RT: 4.082 min Scan# 360  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

Tgt Ion: 96 Resp: 27944  
Ion Ratio Lower Upper  
96 100  
61 153.3 123.4 185.2  
98 62.7 49.5 74.3

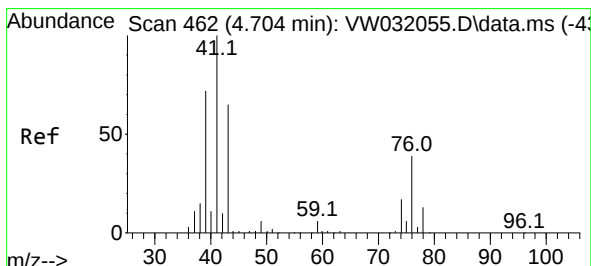
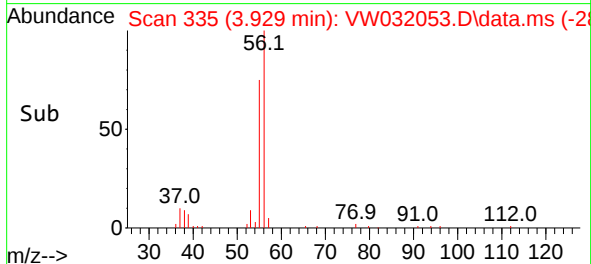
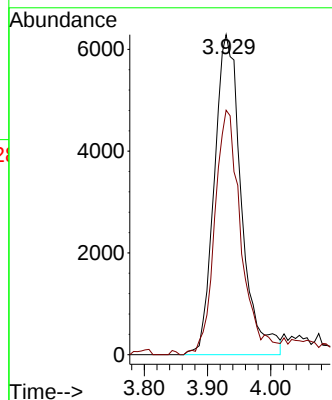
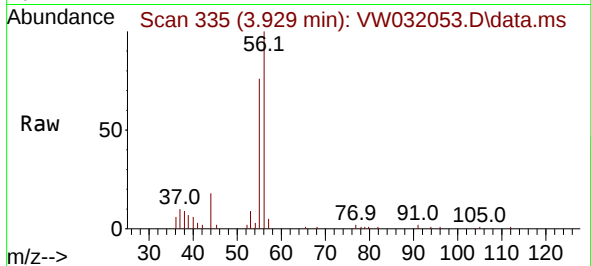




#13  
Acrolein  
Concen: 55.493 ug/l  
RT: 3.929 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

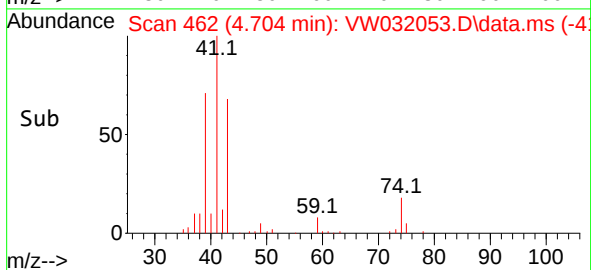
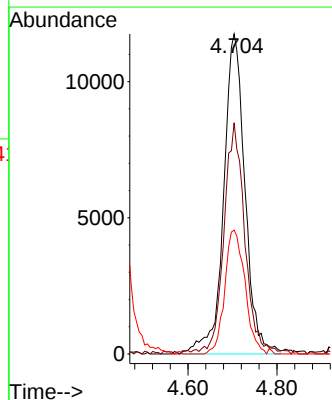
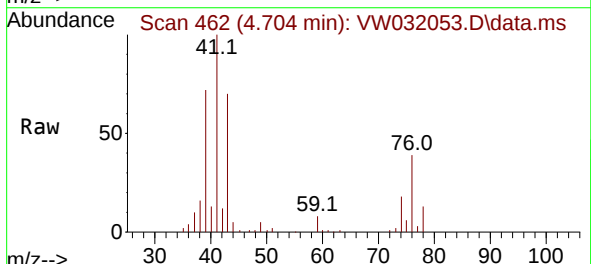
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC010

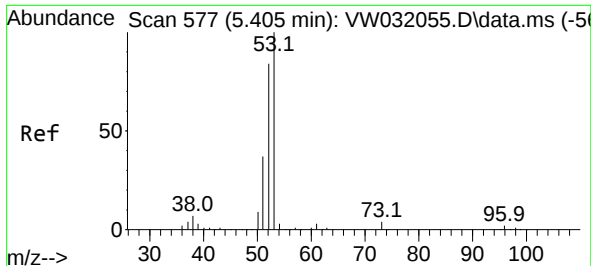
Tgt Ion: 56 Resp: 18650  
Ion Ratio Lower Upper  
56 100  
55 74.5 55.4 83.2



#14  
Allyl chloride  
Concen: 9.839 ug/l  
RT: 4.704 min Scan# 462  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

Tgt Ion: 41 Resp: 39114  
Ion Ratio Lower Upper  
41 100  
39 68.2 54.5 81.7  
76 36.6 29.3 43.9

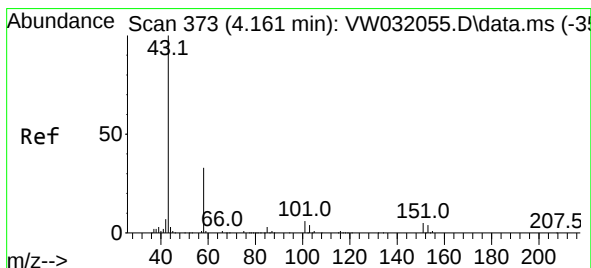
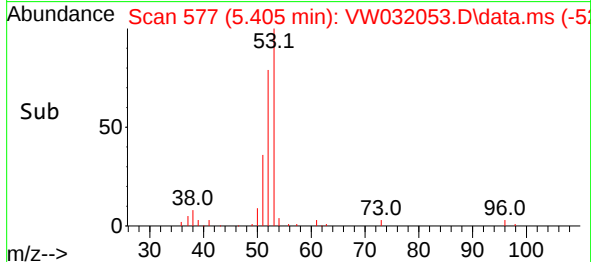
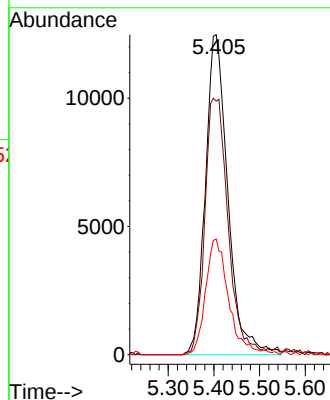
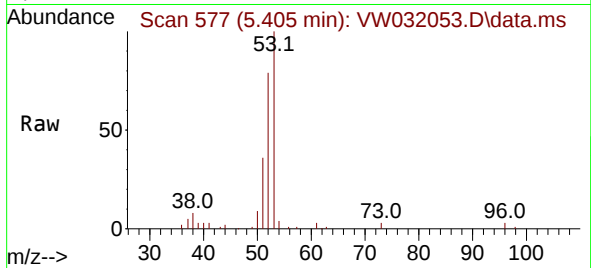




#15  
Acrylonitrile  
Concen: 51.842 ug/l  
RT: 5.405 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

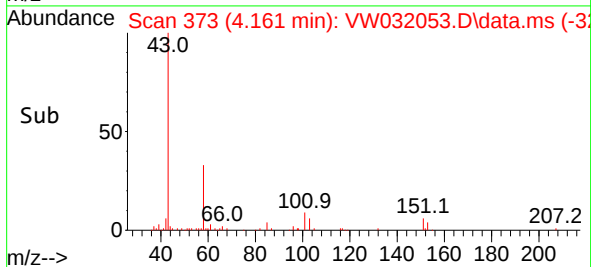
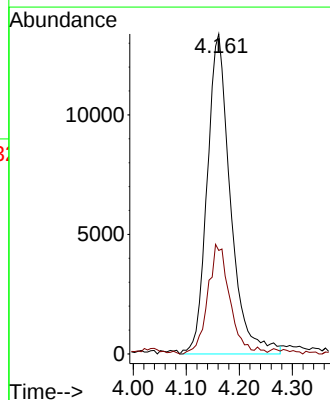
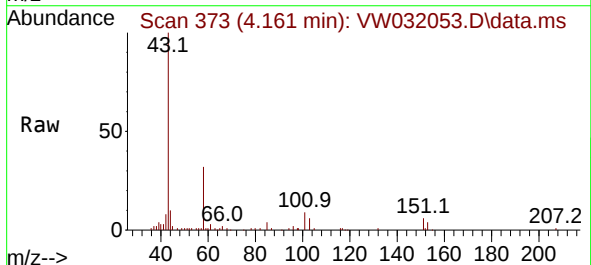
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC010

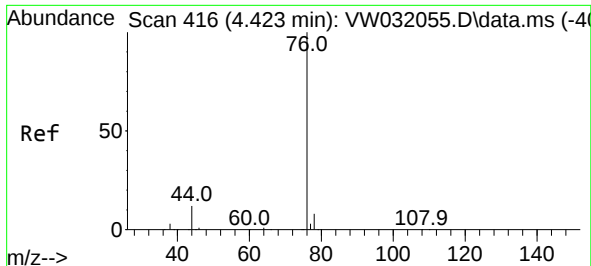
Tgt Ion: 53 Resp: 42536  
Ion Ratio Lower Upper  
53 100  
52 82.5 66.1 99.1  
51 37.3 29.2 43.8



#16  
Acetone  
Concen: 54.122 ug/l  
RT: 4.161 min Scan# 373  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

Tgt Ion: 43 Resp: 40816  
Ion Ratio Lower Upper  
43 100  
58 32.4 26.6 39.8

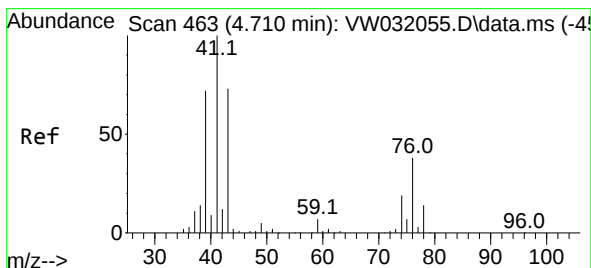
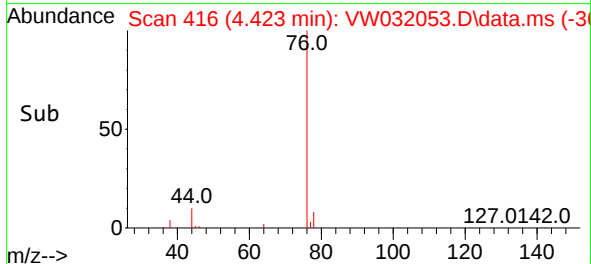
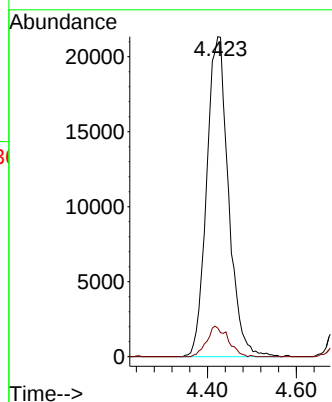
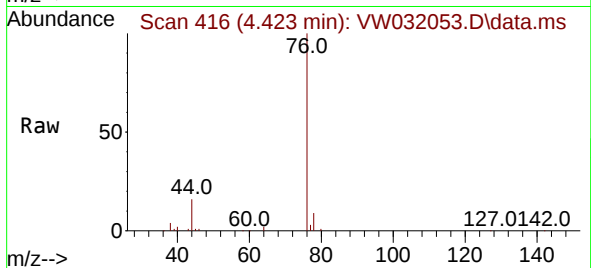




#17  
Carbon Disulfide  
Concen: 9.931 ug/l  
RT: 4.423 min Scan# 416  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

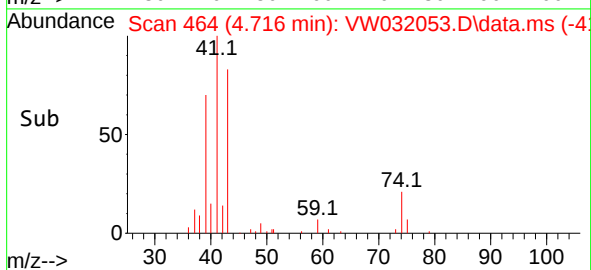
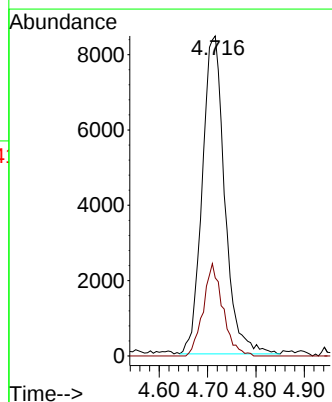
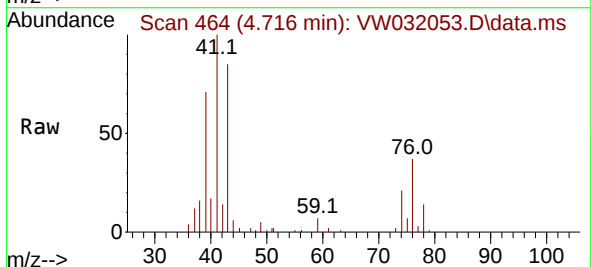
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

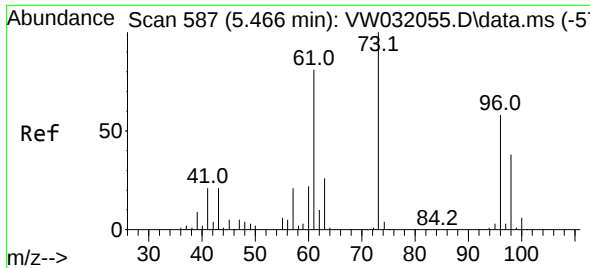
Tgt Ion: 76 Resp: 72806  
Ion Ratio Lower Upper  
76 100  
78 9.0 6.4 9.6



#18  
Methyl Acetate  
Concen: 11.394 ug/l  
RT: 4.716 min Scan# 464  
Delta R.T. 0.006 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

Tgt Ion: 43 Resp: 27191  
Ion Ratio Lower Upper  
43 100  
74 25.5 20.6 31.0

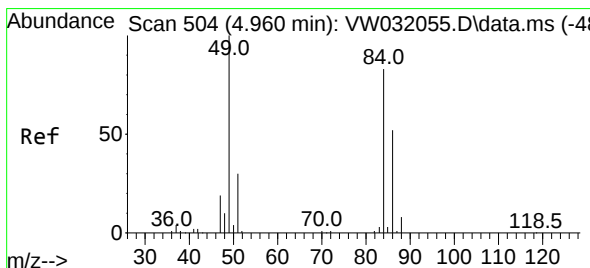
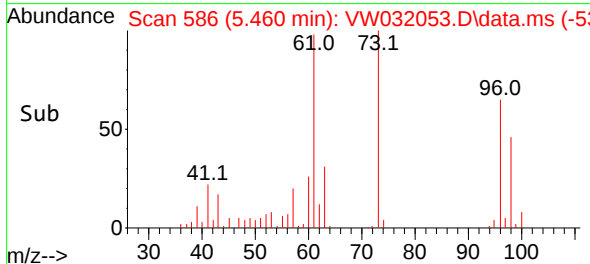
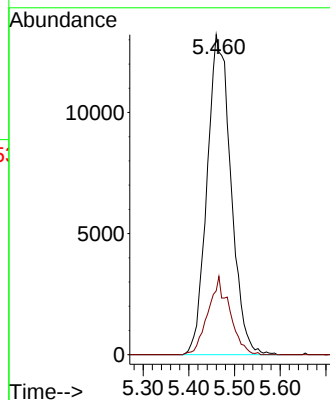
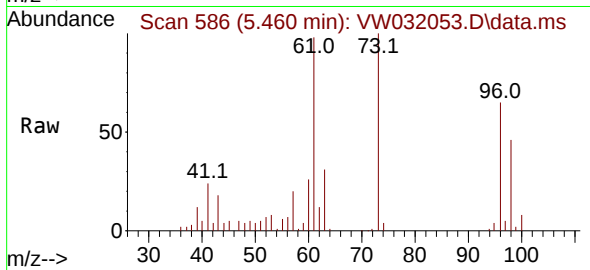




#19  
Methyl tert-butyl Ether  
Concen: 9.947 ug/l  
RT: 5.460 min Scan# 587  
Delta R.T. -0.006 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

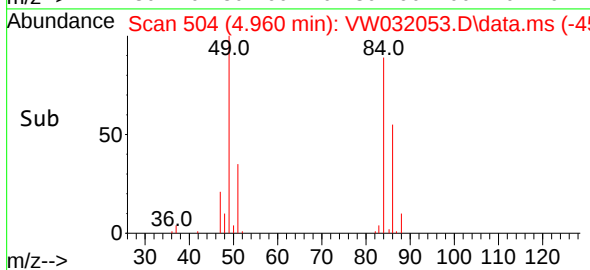
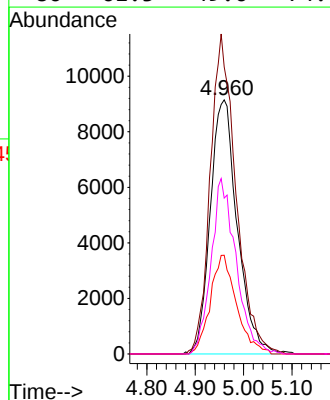
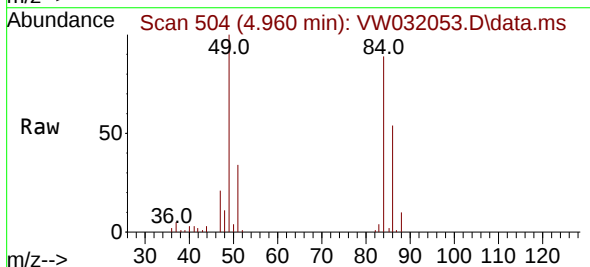
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MSVOA\_W  
ClientSampleId :  
VSTDIC010

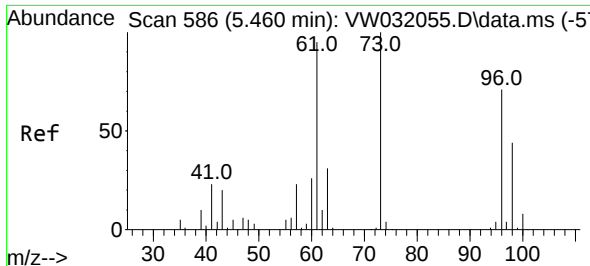
Tgt Ion: 73 Resp: 47872  
Ion Ratio Lower Upper  
73 100  
57 20.0 17.2 25.8



#20  
Methylene Chloride  
Concen: 10.170 ug/l  
RT: 4.960 min Scan# 504  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

Tgt Ion: 84 Resp: 35462  
Ion Ratio Lower Upper  
84 100  
49 113.0 95.9 143.9  
51 38.9 28.6 43.0  
86 61.3 49.6 74.4

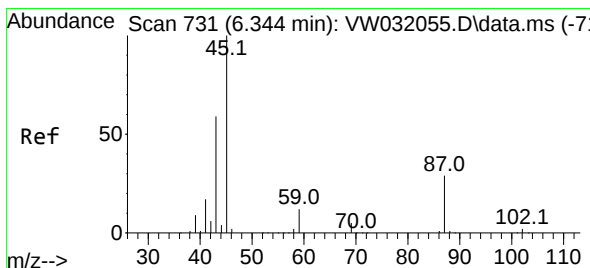
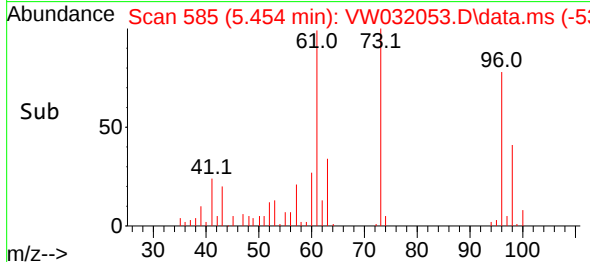
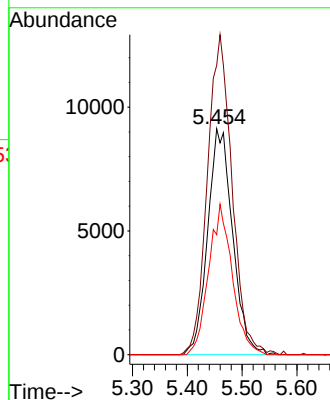
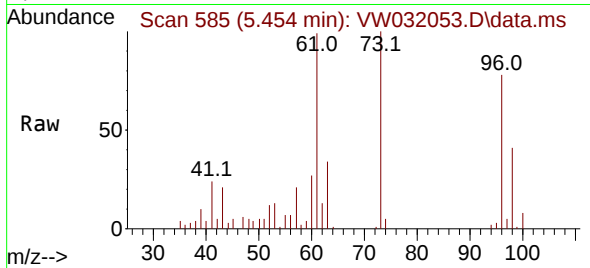




#21  
trans-1,2-Dichloroethene  
Concen: 9.962 ug/l  
RT: 5.454 min Scan# 586  
Delta R.T. -0.006 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

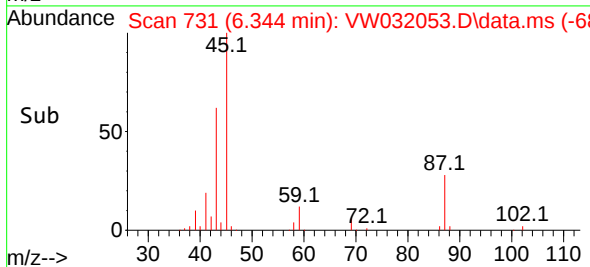
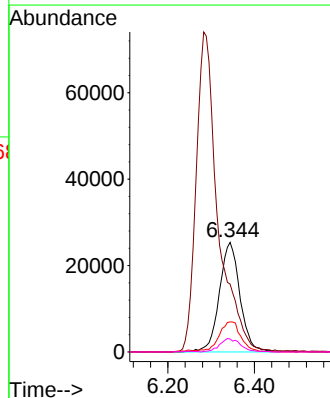
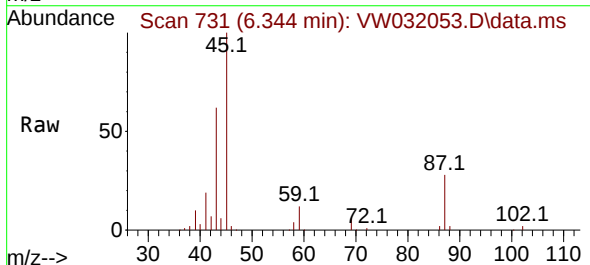
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

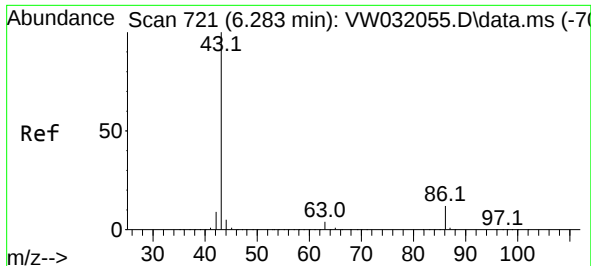
Tgt Ion: 96 Resp: 28875  
Ion Ratio Lower Upper  
96 100  
61 128.0 106.8 160.2  
98 53.2 49.6 74.4



#22  
Diisopropyl ether  
Concen: 10.029 ug/l  
RT: 6.344 min Scan# 731  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

Tgt Ion: 45 Resp: 84045  
Ion Ratio Lower Upper  
45 100  
43 61.0 47.0 70.4  
87 27.5 23.8 35.8  
59 11.8 9.5 14.3

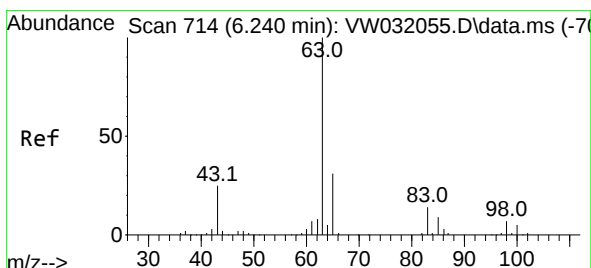
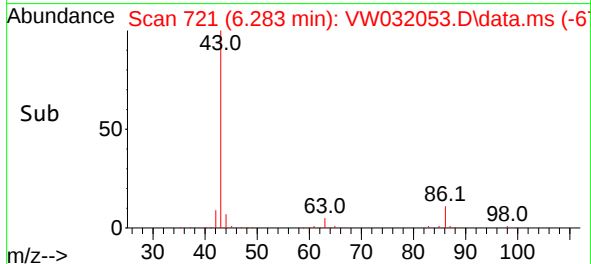
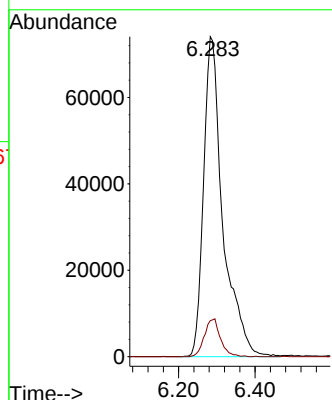
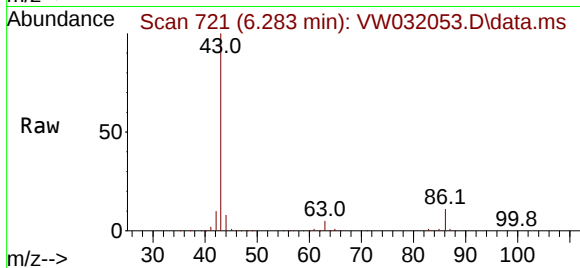




#23  
 Vinyl Acetate  
 Concen: 47.081 ug/l  
 RT: 6.283 min Scan# 721  
 Delta R.T. -0.000 min  
 Lab File: VW032053.D  
 Acq: 11 Aug 2025 09:09

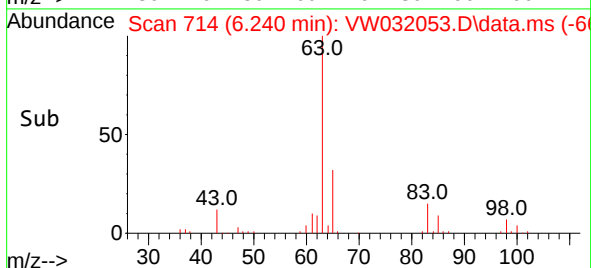
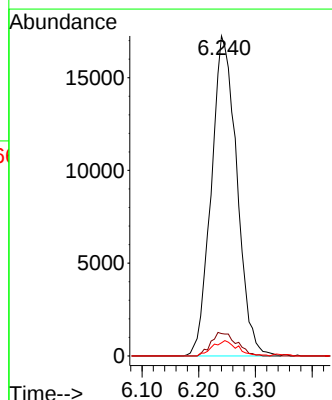
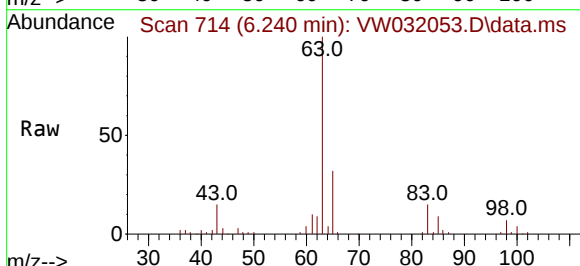
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

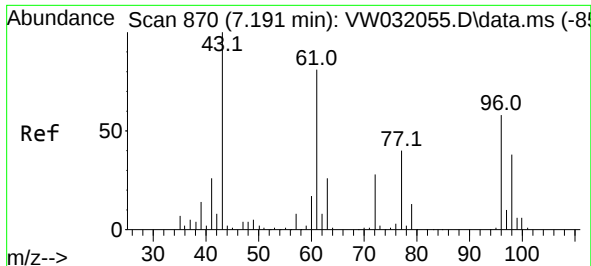
Tgt Ion: 43 Resp: 259050  
 Ion Ratio Lower Upper  
 43 100  
 86 11.2 9.4 14.0



#24  
 1,1-Dichloroethane  
 Concen: 10.095 ug/l  
 RT: 6.240 min Scan# 714  
 Delta R.T. -0.000 min  
 Lab File: VW032053.D  
 Acq: 11 Aug 2025 09:09

Tgt Ion: 63 Resp: 54051  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.7 11.1  
 100 4.1 2.5 7.4

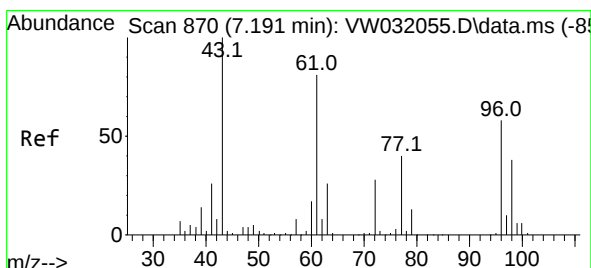
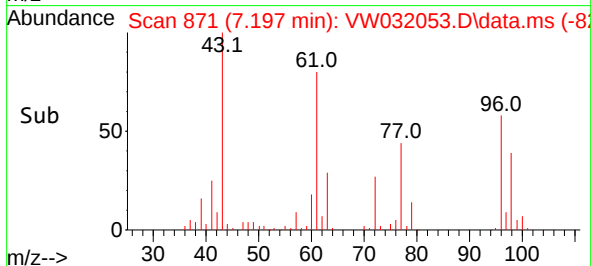
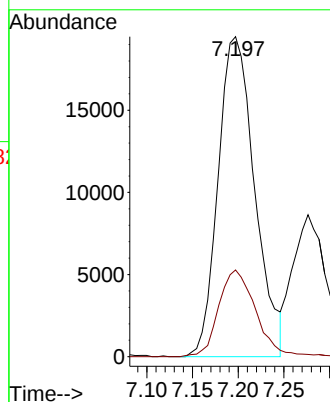
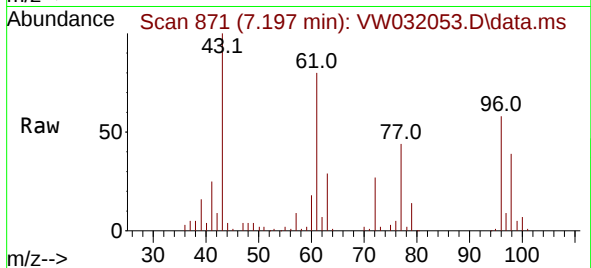




#25  
2-Butanone  
Concen: 50.685 ug/l  
RT: 7.197 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

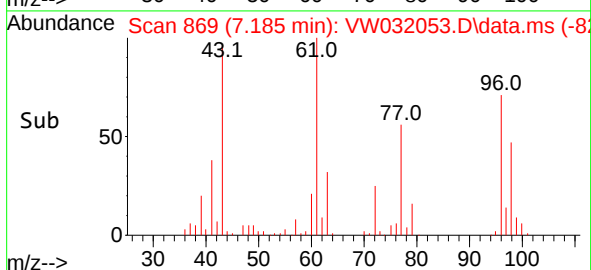
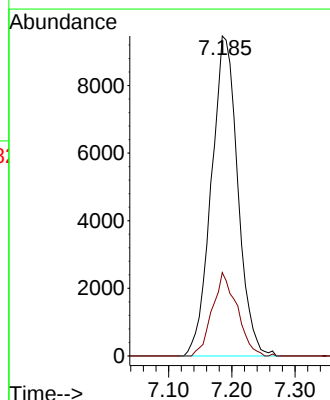
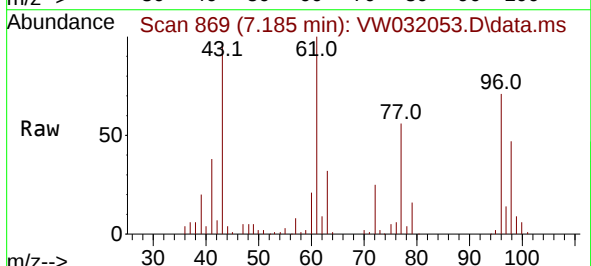
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

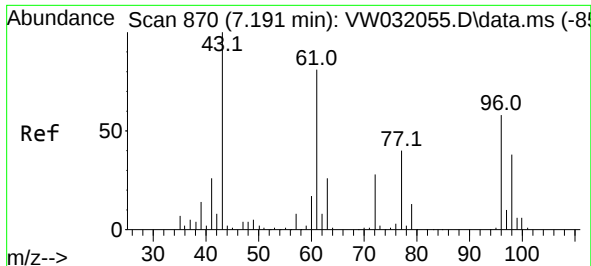
Tgt Ion: 43 Resp: 54327  
Ion Ratio Lower Upper  
43 100  
72 27.1 22.3 33.5



#26  
2,2-Dichloropropane  
Concen: 10.224 ug/l  
RT: 7.185 min Scan# 869  
Delta R.T. -0.006 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

Tgt Ion: 77 Resp: 27463  
Ion Ratio Lower Upper  
77 100  
97 24.5 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 9.791 ug/l

RT: 7.191 min Scan# 870

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

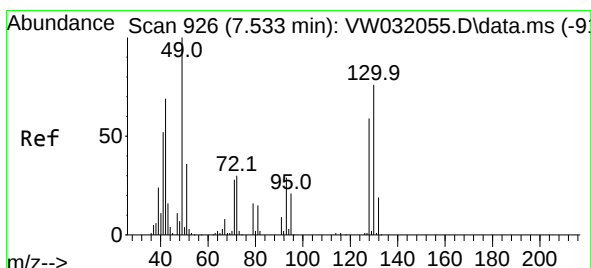
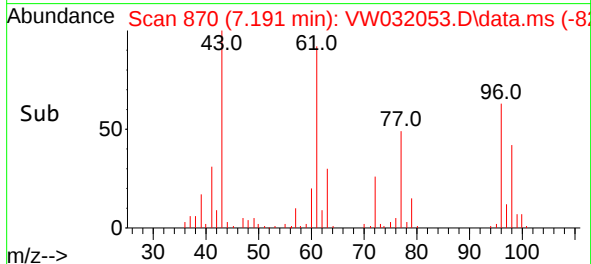
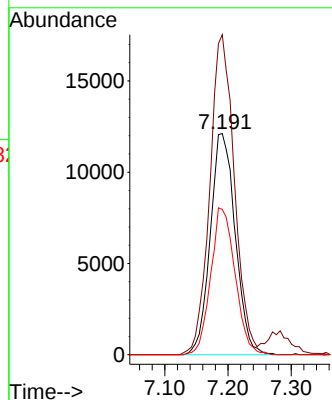
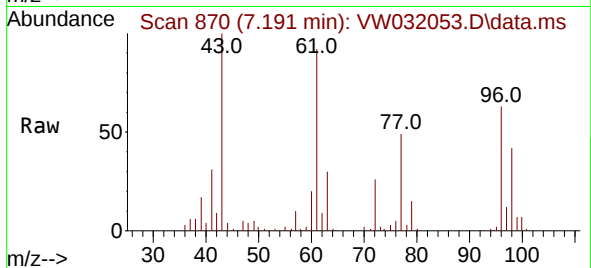
Tgt Ion: 96 Resp: 33173

Ion Ratio Lower Upper

96 100

61 142.3 0.0 281.2

98 64.9 0.0 130.8



#28

Bromochloromethane

Concen: 10.019 ug/l

RT: 7.532 min Scan# 926

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

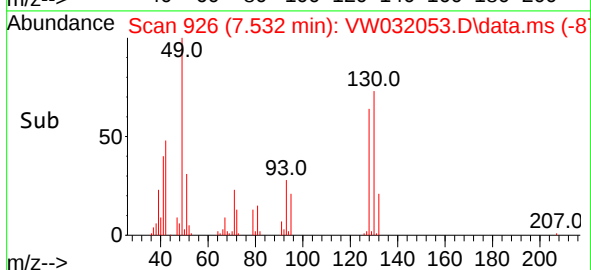
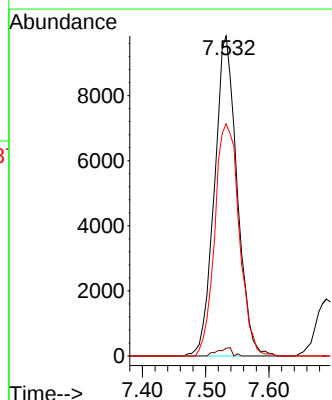
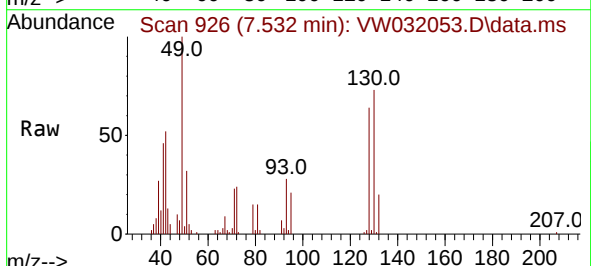
Tgt Ion: 49 Resp: 24412

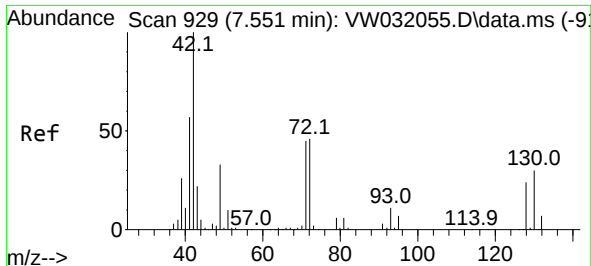
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.2

130 78.2 61.9 92.9





#29

Tetrahydrofuran

Concen: 50.800 ug/l

RT: 7.557 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

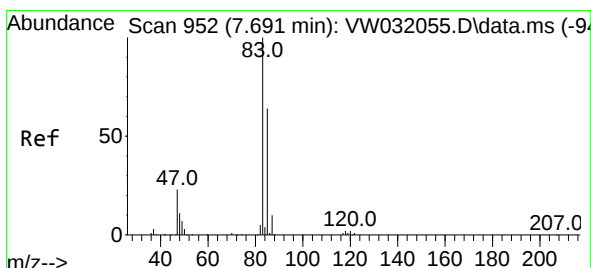
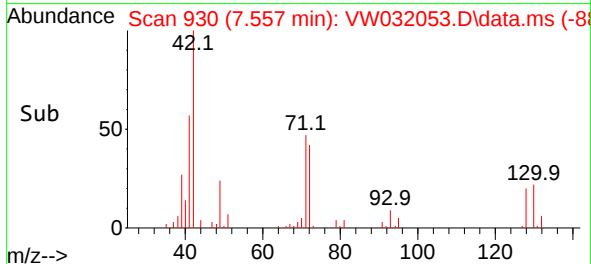
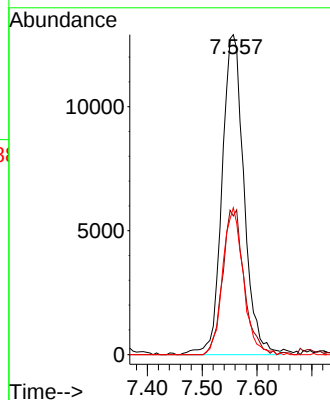
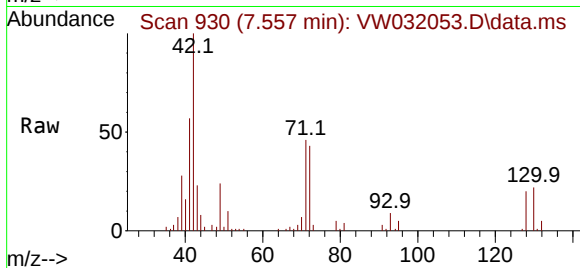
Tgt Ion: 42 Resp: 35909

Ion Ratio Lower Upper

42 100

72 44.5 36.6 55.0

71 43.3 34.7 52.1



#30

Chloroform

Concen: 10.071 ug/l

RT: 7.697 min Scan# 953

Delta R.T. 0.006 min

Lab File: VW032053.D

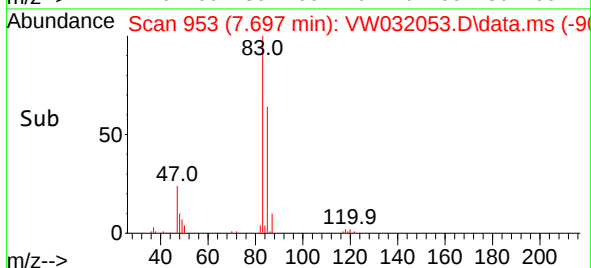
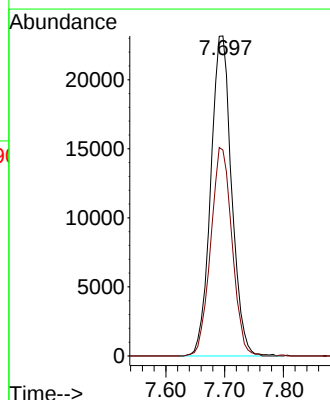
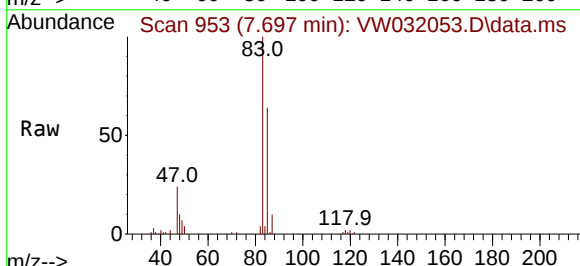
Acq: 11 Aug 2025 09:09

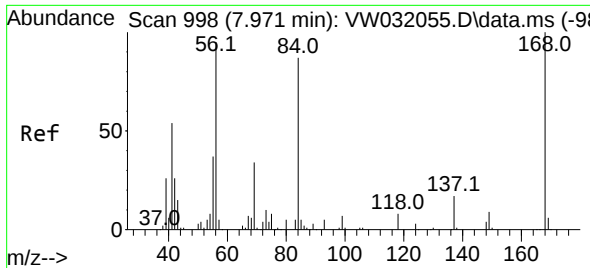
Tgt Ion: 83 Resp: 57170

Ion Ratio Lower Upper

83 100

85 64.3 51.0 76.4

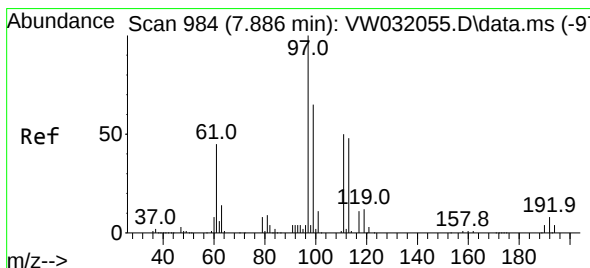
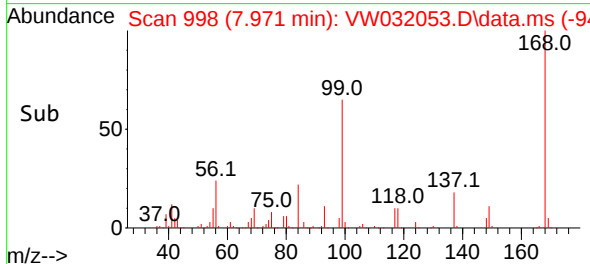
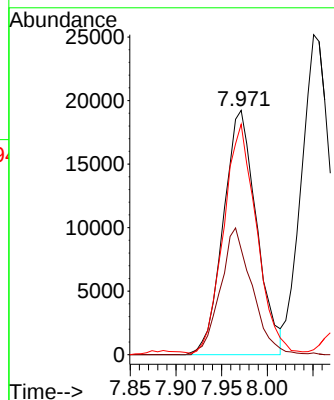
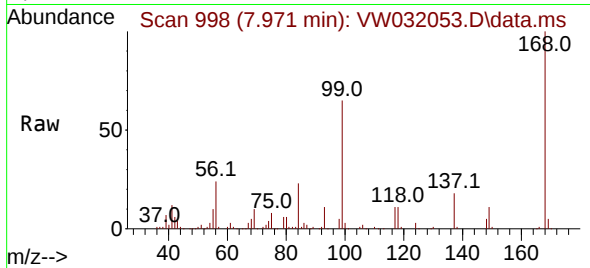




#31  
Cyclohexane  
Concen: 10.477 ug/l  
RT: 7.971 min Scan# 998  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

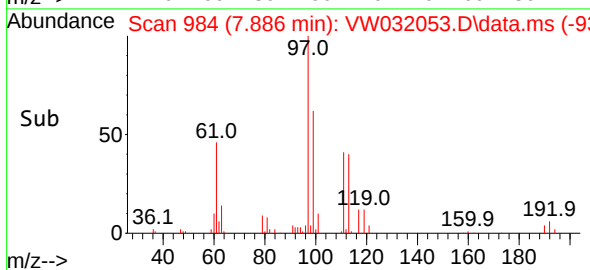
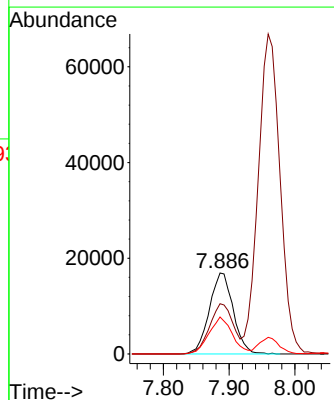
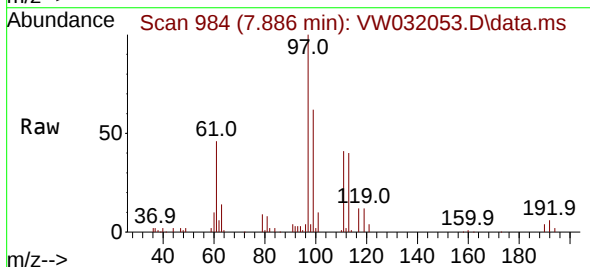
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

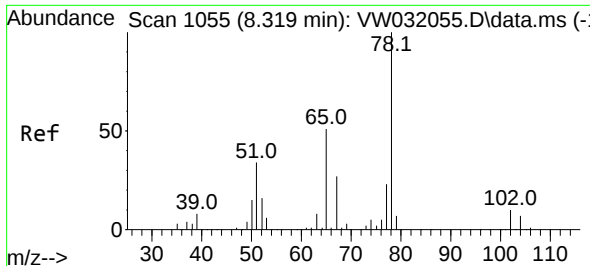
Tgt Ion: 56 Resp: 48633  
Ion Ratio Lower Upper  
56 100  
69 43.1 28.6 42.8#  
84 93.2 73.0 109.4



#32  
1,1,1-Trichloroethane  
Concen: 10.368 ug/l  
RT: 7.886 min Scan# 984  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

Tgt Ion: 97 Resp: 42747  
Ion Ratio Lower Upper  
97 100  
99 61.1 51.8 77.8  
61 45.0 35.9 53.9

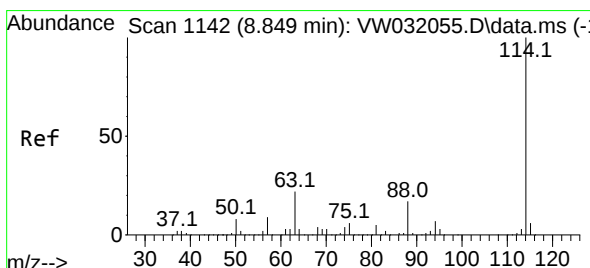
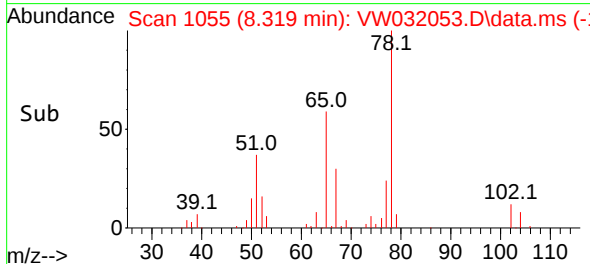
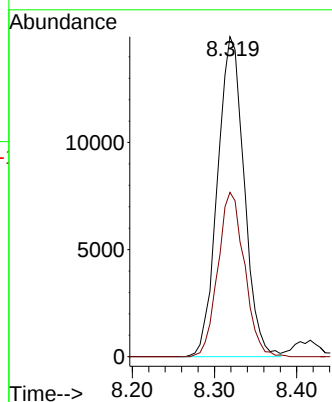
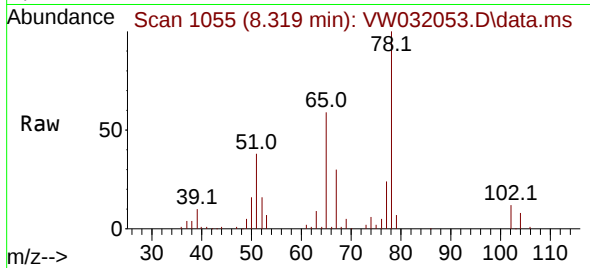




#33  
 1,2-Dichloroethane-d4  
 Concen: 10.337 ug/l  
 RT: 8.319 min Scan# 1055  
 Delta R.T. -0.000 min  
 Lab File: VW032053.D  
 Acq: 11 Aug 2025 09:09

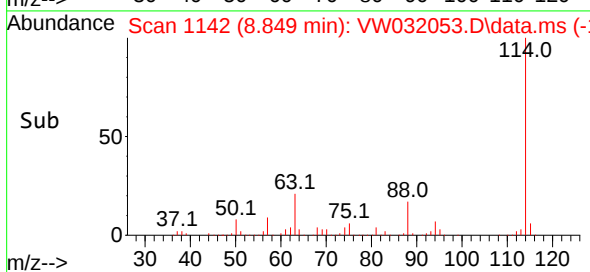
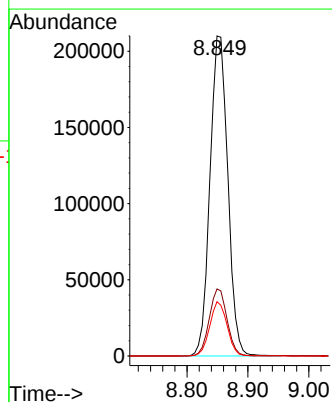
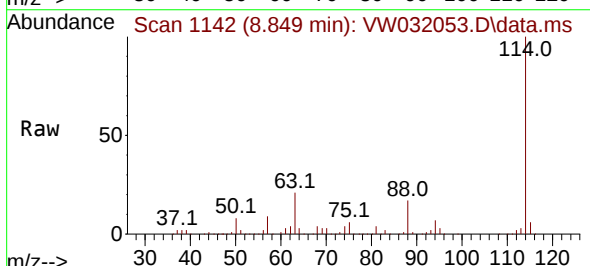
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

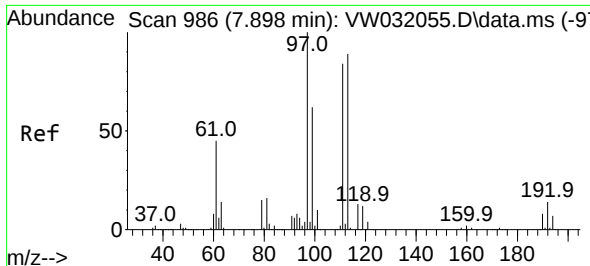
Tgt Ion: 65 Resp: 33671  
 Ion Ratio Lower Upper  
 65 100  
 67 51.0 0.0 102.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.849 min Scan# 1142  
 Delta R.T. -0.000 min  
 Lab File: VW032053.D  
 Acq: 11 Aug 2025 09:09

Tgt Ion: 114 Resp: 426784  
 Ion Ratio Lower Upper  
 114 100  
 63 21.0 0.0 43.0  
 88 17.0 0.0 33.8

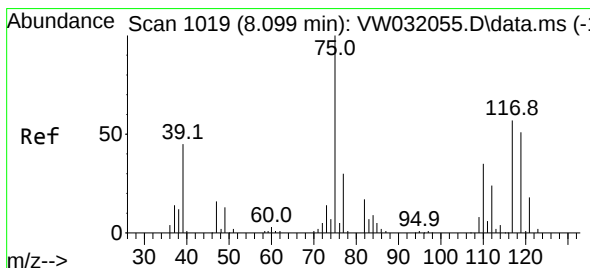
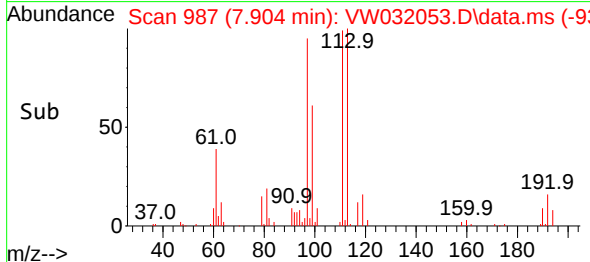
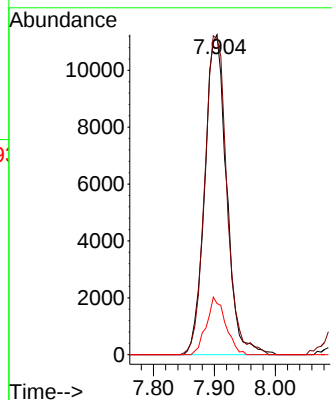
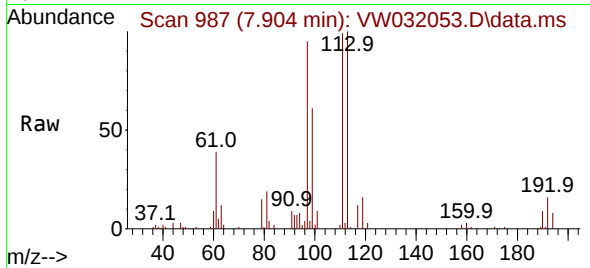




#35  
 Dibromofluoromethane  
 Concen: 10.147 ug/l  
 RT: 7.904 min Scan# 91  
 Delta R.T. 0.006 min  
 Lab File: VW032053.D  
 Acq: 11 Aug 2025 09:09

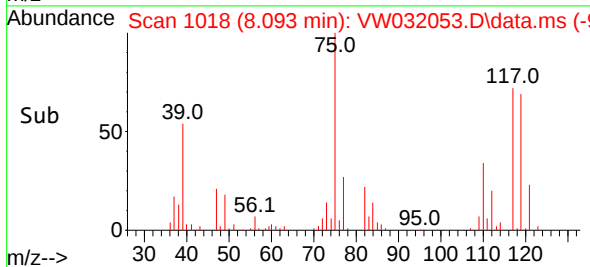
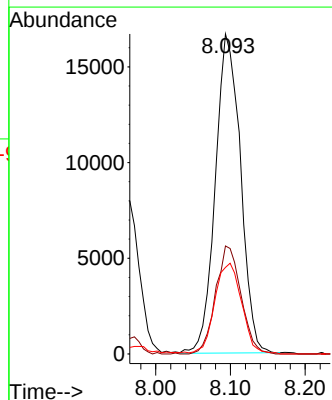
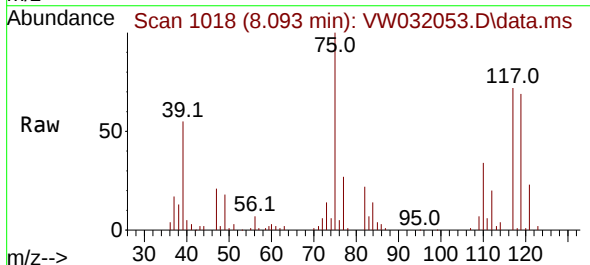
Instrument :  
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 ClientSampleId :  
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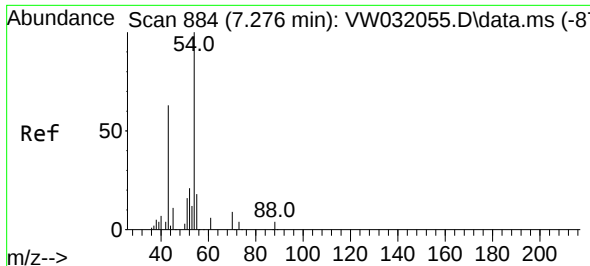
Tgt Ion: 113 Resp: 27978  
 Ion Ratio Lower Upper  
 113 100  
 111 101.3 80.1 120.1  
 192 15.8 13.1 19.7



#36  
 1,1-Dichloropropene  
 Concen: 10.032 ug/l  
 RT: 8.093 min Scan# 1018  
 Delta R.T. -0.006 min  
 Lab File: VW032053.D  
 Acq: 11 Aug 2025 09:09

Tgt Ion: 75 Resp: 38994  
 Ion Ratio Lower Upper  
 75 100  
 110 34.1 17.4 52.2  
 77 30.6 24.7 37.1

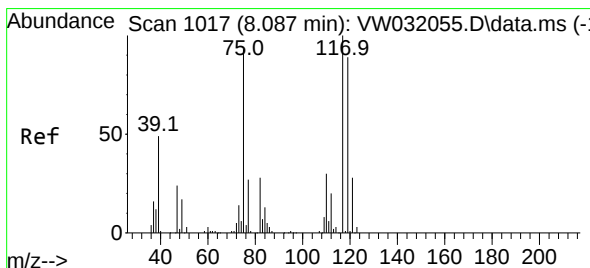
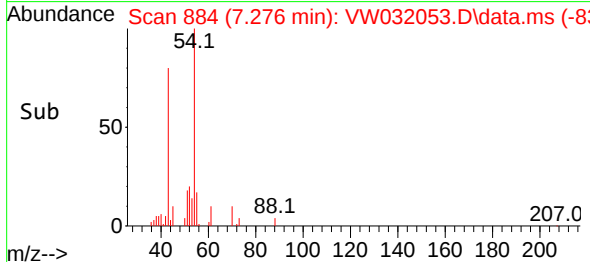
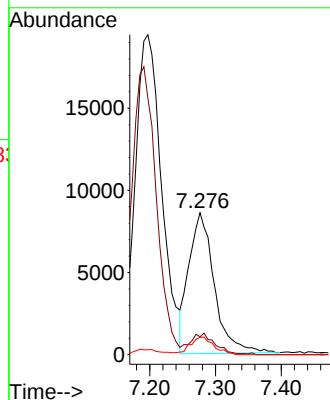
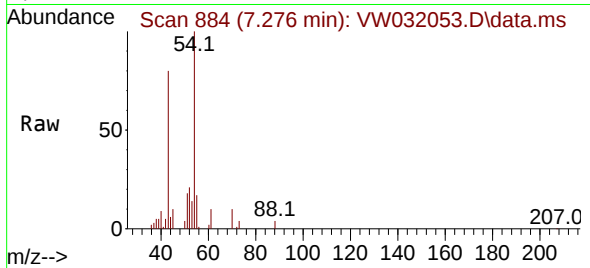




#37  
Ethyl Acetate  
Concen: 10.070 ug/l  
RT: 7.276 min Scan# 884  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

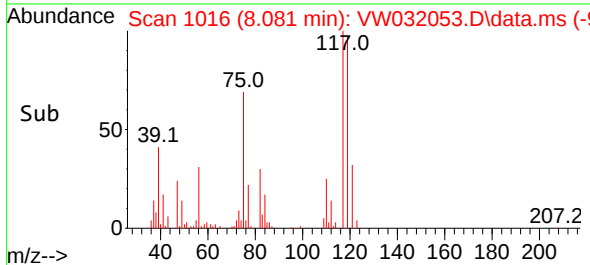
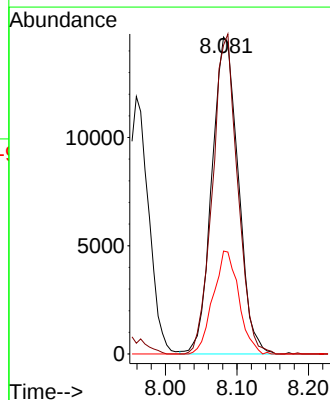
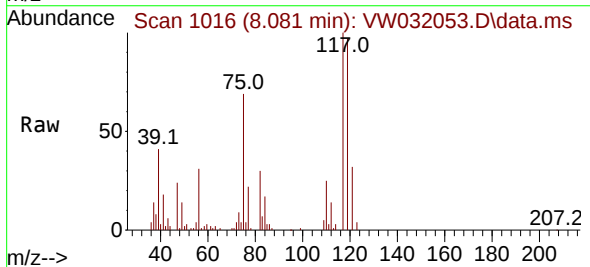
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MSVOA\_W  
ClientSampleId :  
VSTDIC010

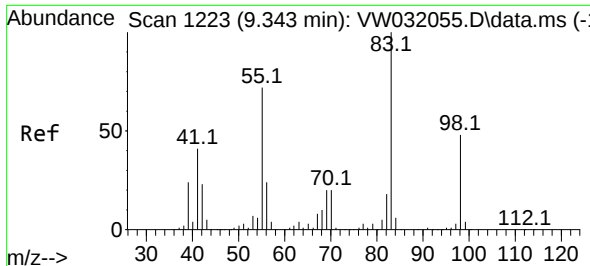
Tgt Ion: 43 Resp: 23053  
Ion Ratio Lower Upper  
43 100  
61 11.8 11.8 17.6  
70 11.8 9.4 14.0



#38  
Carbon Tetrachloride  
Concen: 10.007 ug/l  
RT: 8.081 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

Tgt Ion: 117 Resp: 37535  
Ion Ratio Lower Upper  
117 100  
119 97.5 71.4 107.2  
121 32.5 22.3 33.5

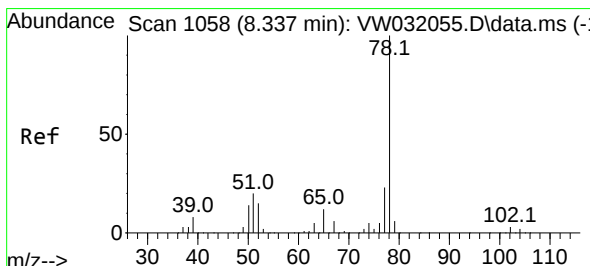
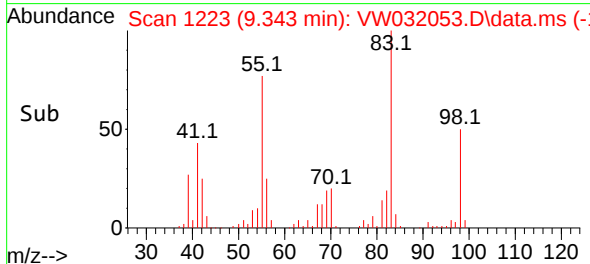
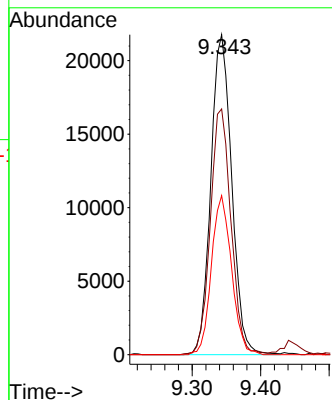
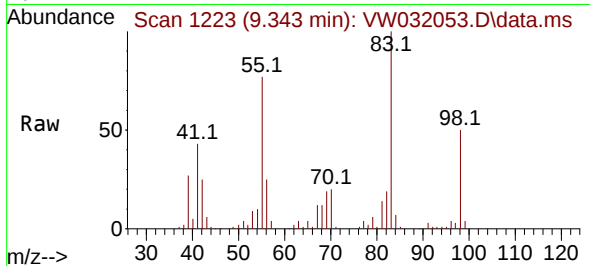




#39  
Methylcyclohexane  
Concen: 9.731 ug/l  
RT: 9.343 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

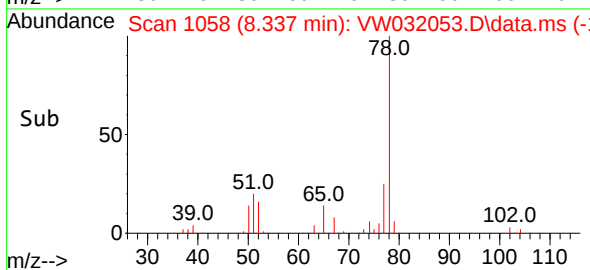
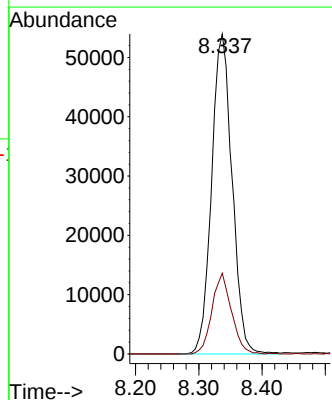
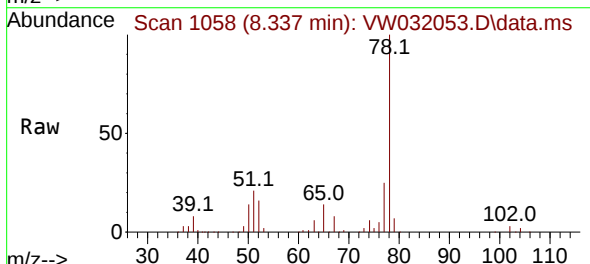
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

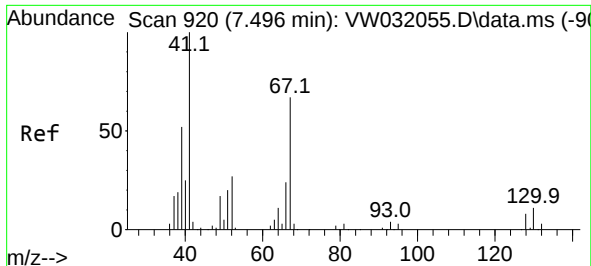
Tgt Ion: 83 Resp: 46100  
Ion Ratio Lower Upper  
83 100  
55 76.8 57.9 86.9  
98 49.7 38.3 57.5



#40  
Benzene  
Concen: 10.053 ug/l  
RT: 8.337 min Scan# 1058  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

Tgt Ion: 78 Resp: 121462  
Ion Ratio Lower Upper  
78 100  
77 25.3 18.4 27.6

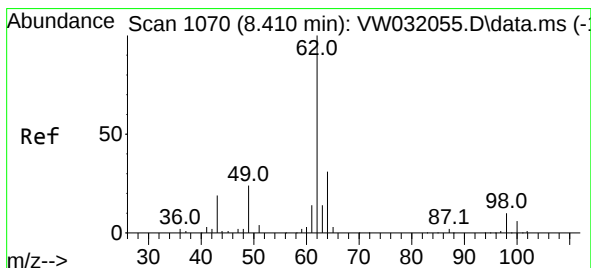
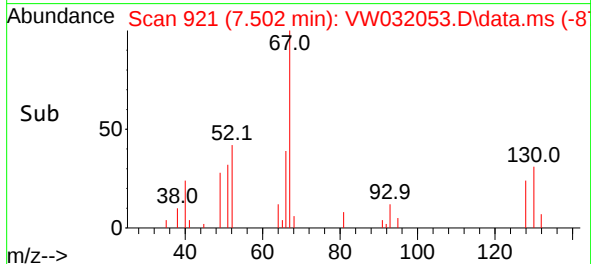
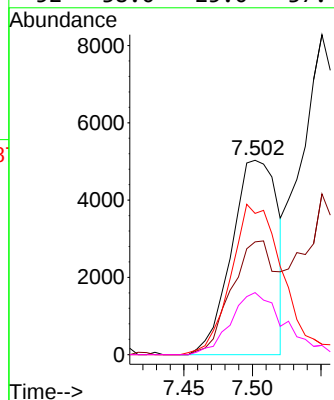
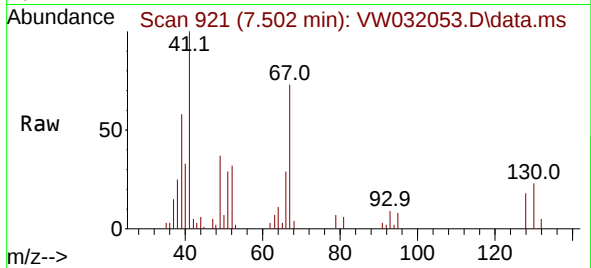




#41  
Methacrylonitrile  
Concen: 9.035 ug/l  
RT: 7.502 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

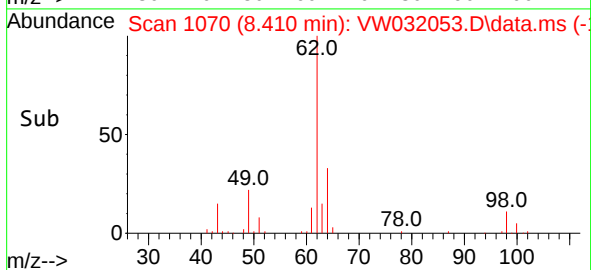
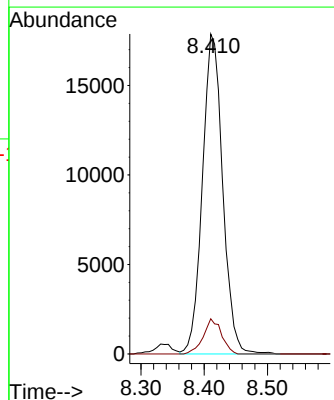
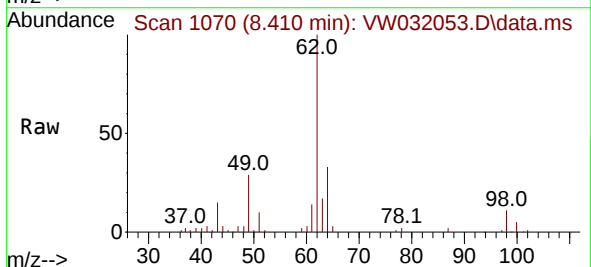
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

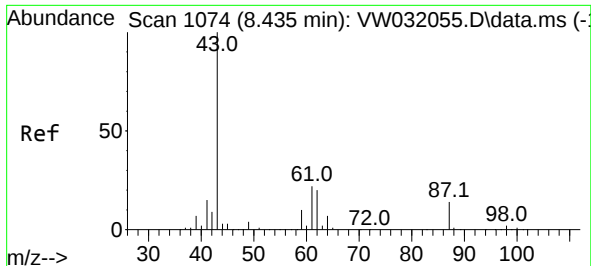
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 11729 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 57.4  | 42.6  | 63.8  |
| 67       | 87.3  | 61.0  | 91.4  |
| 52       | 38.0  | 25.0  | 37.4  |



#42  
1,2-Dichloroethane  
Concen: 10.316 ug/l  
RT: 8.410 min Scan# 1070  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 39882 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.9   | 0.0   | 19.8  |

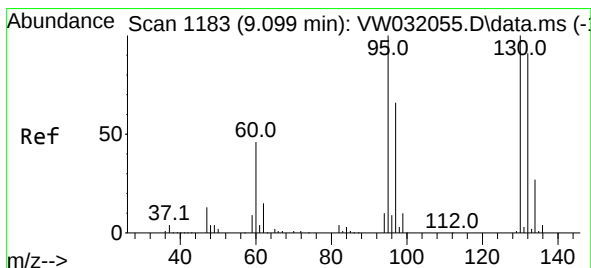
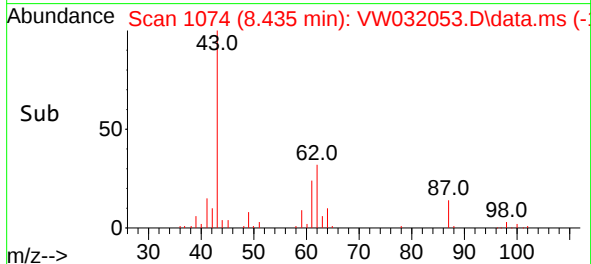
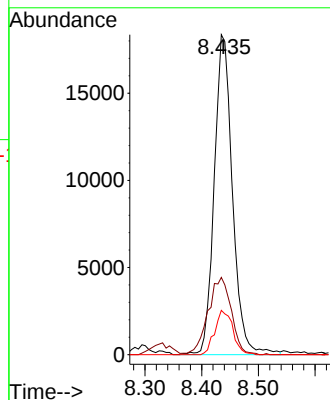
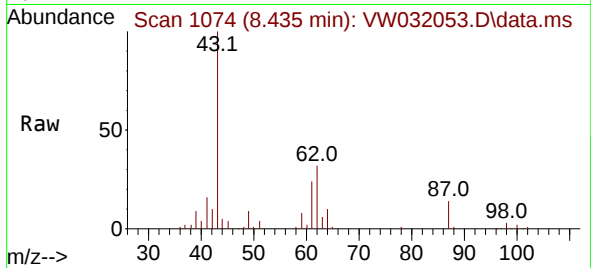




#43  
Isopropyl Acetate  
Concen: 9.743 ug/l  
RT: 8.435 min Scan# 1107  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

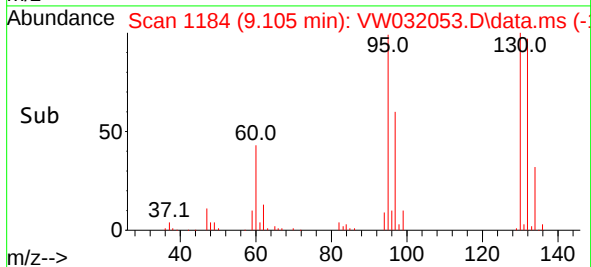
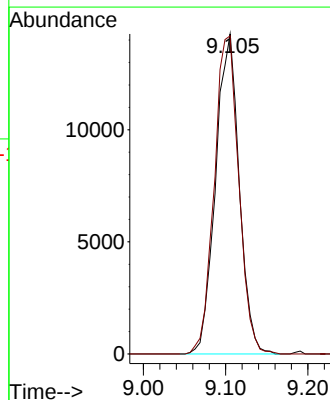
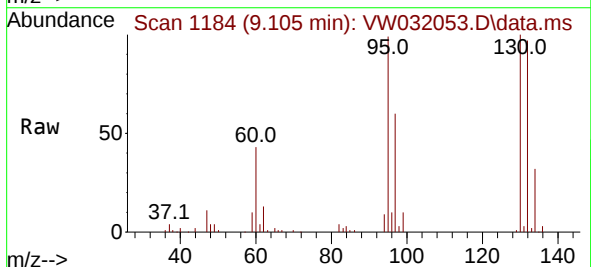
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

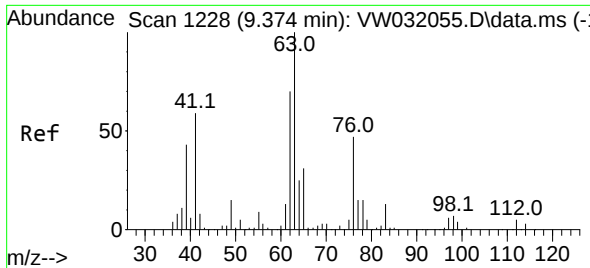
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 41036 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 30.5  | 23.8  | 35.8  |
| 87       | 13.7  | 11.7  | 17.5  |



#44  
Trichloroethene  
Concen: 9.905 ug/l  
RT: 9.105 min Scan# 1184  
Delta R.T. 0.006 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 28498 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 99.4  | 0.0   | 200.6 |

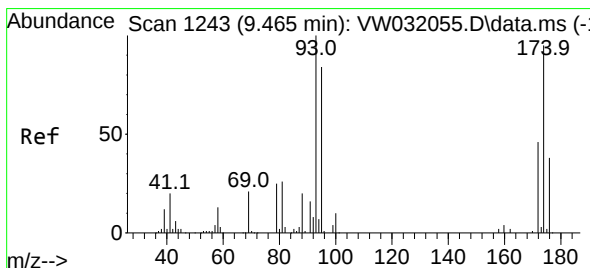
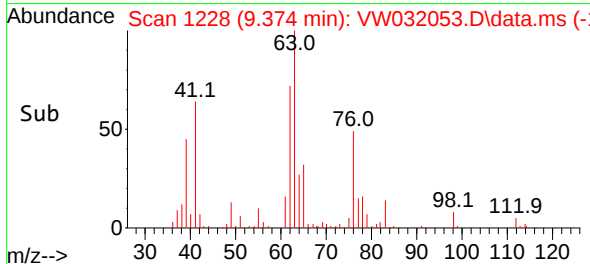
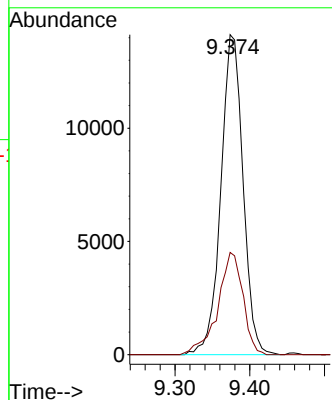
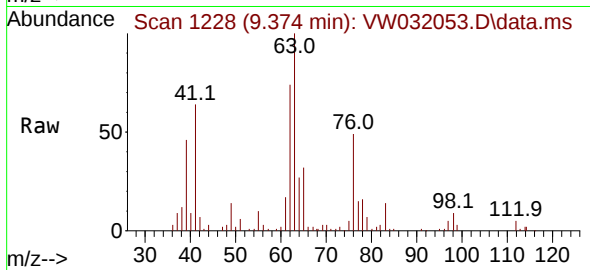




#45  
1,2-Dichloropropane  
Concen: 10.004 ug/l  
RT: 9.374 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

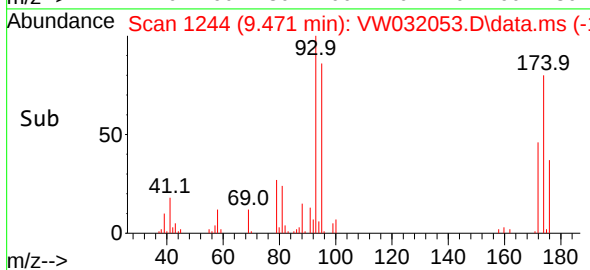
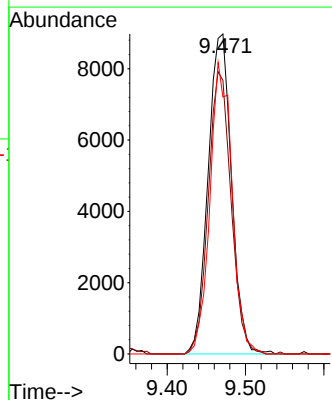
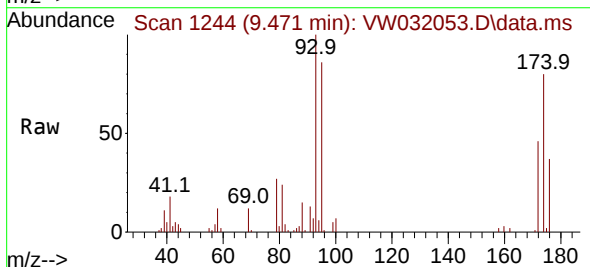
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC010

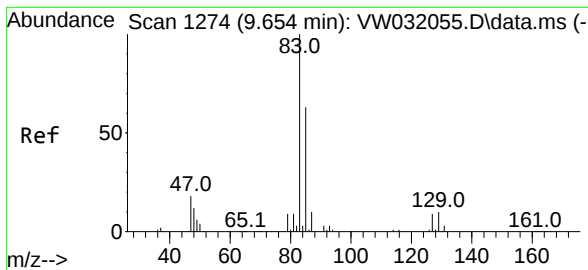
Tgt Ion: 63 Resp: 29199  
Ion Ratio Lower Upper  
63 100  
65 31.9 24.6 36.8



#46  
Dibromomethane  
Concen: 9.901 ug/l  
RT: 9.471 min Scan# 1244  
Delta R.T. 0.006 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

Tgt Ion: 93 Resp: 18653  
Ion Ratio Lower Upper  
93 100  
95 85.8 65.3 97.9  
174 85.7 68.6 102.8





#47

Bromodichloromethane

Concen: 9.818 ug/l

RT: 9.654 min Scan# 1274

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

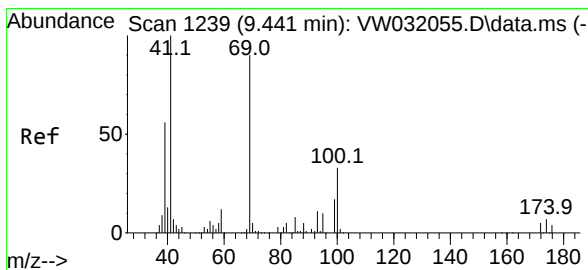
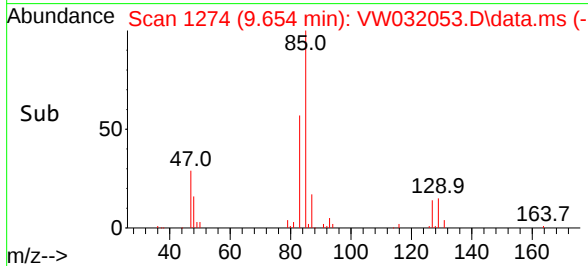
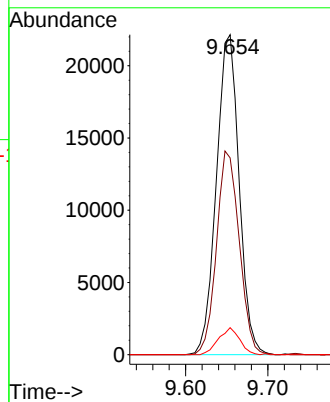
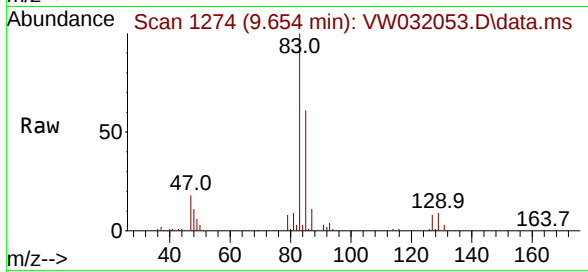
Tgt Ion: 83 Resp: 42618

Ion Ratio Lower Upper

83 100

85 61.5 50.6 75.8

127 8.5 6.9 10.3



#48

Methyl methacrylate

Concen: 9.666 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

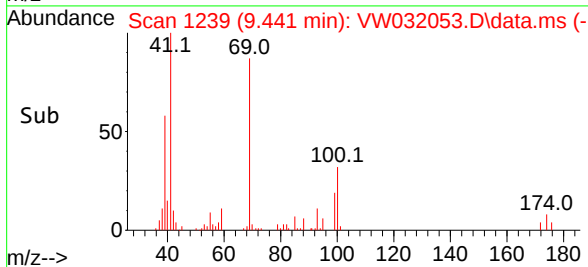
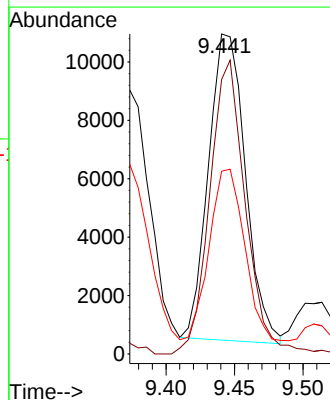
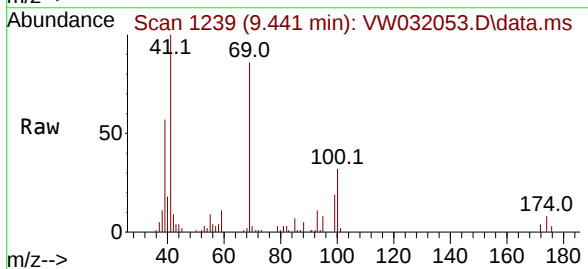
Tgt Ion: 41 Resp: 19654

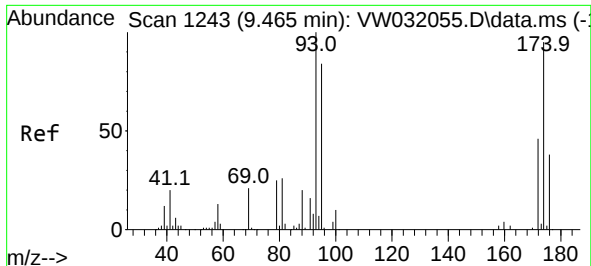
Ion Ratio Lower Upper

41 100

69 92.9 73.0 109.6

39 55.1 45.0 67.4





#49

1,4-Dioxane

Concen: 192.302 ug/l

RT: 9.465 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

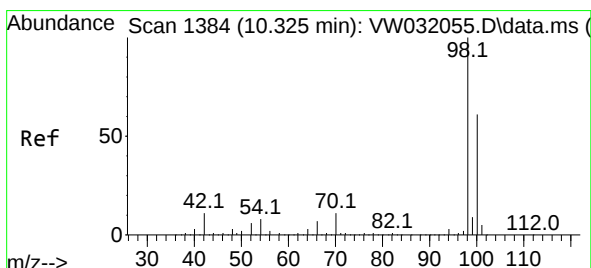
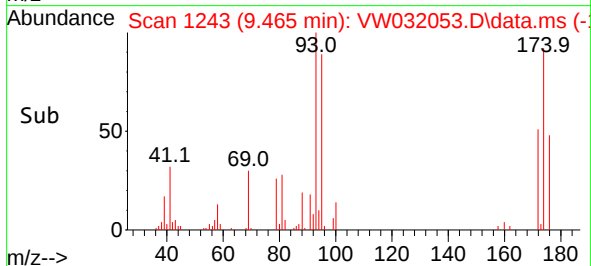
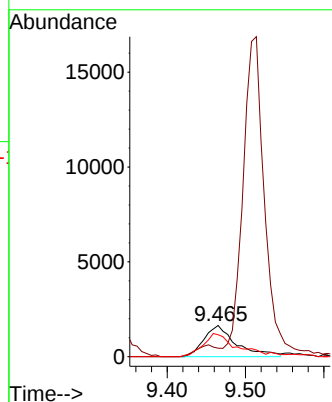
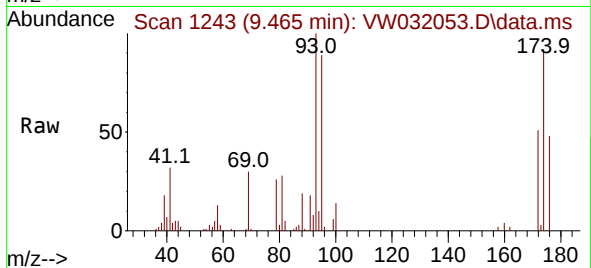
Tgt Ion: 88 Resp: 4684

Ion Ratio Lower Upper

88 100

43 27.6 20.6 30.8

58 75.1 60.4 90.6



#50

Toluene-d8

Concen: 9.875 ug/l

RT: 10.331 min Scan# 1385

Delta R.T. 0.006 min

Lab File: VW032053.D

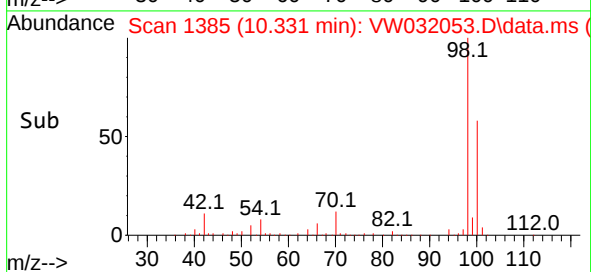
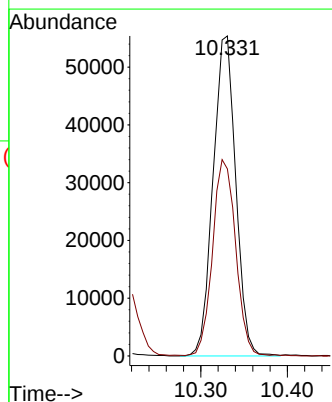
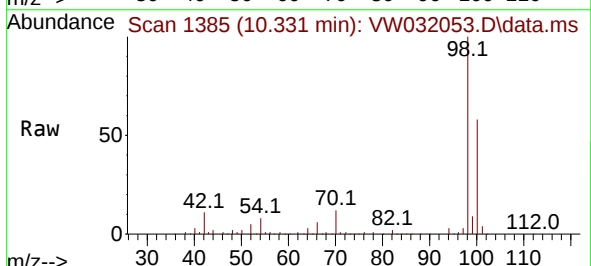
Acq: 11 Aug 2025 09:09

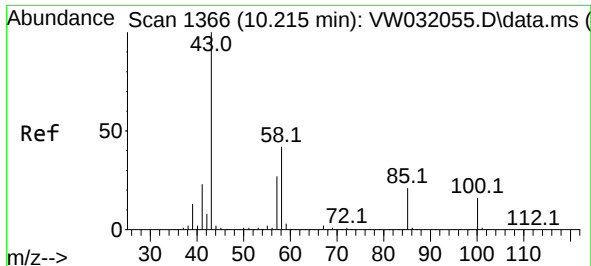
Tgt Ion: 98 Resp: 100702

Ion Ratio Lower Upper

98 100

100 62.7 51.1 76.7

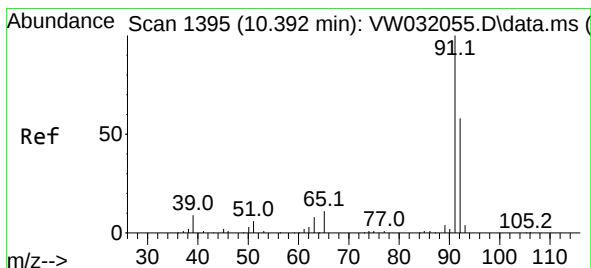
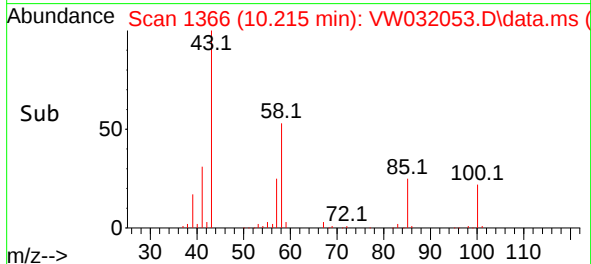
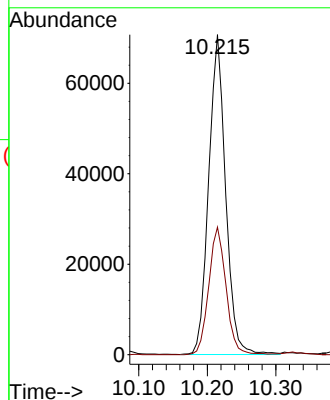
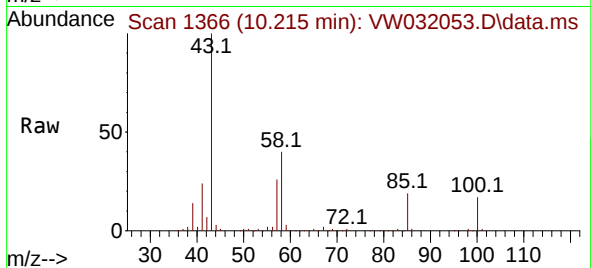




#51  
4-Methyl-2-Pentanone  
Concen: 51.075 ug/l  
RT: 10.215 min Scan# 1366  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

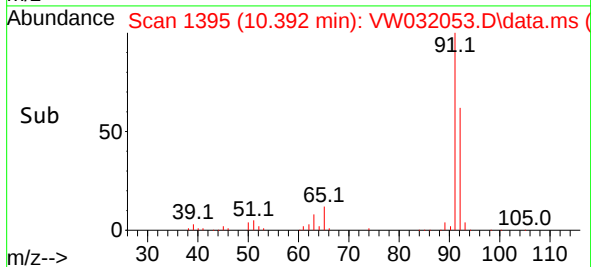
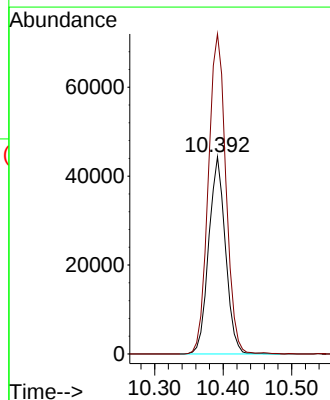
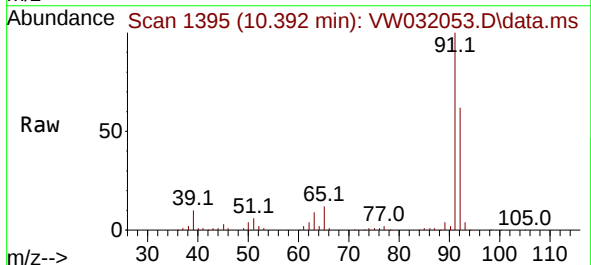
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MSVOA\_W  
ClientSampleId :  
VSTDICC010

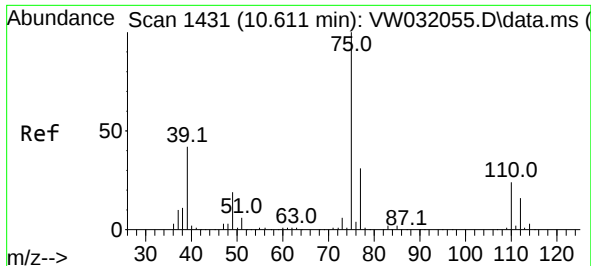
Tgt Ion: 43 Resp: 121419  
Ion Ratio Lower Upper  
43 100  
58 40.7 33.1 49.7



#52  
Toluene  
Concen: 9.888 ug/l  
RT: 10.392 min Scan# 1395  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

Tgt Ion: 92 Resp: 75250  
Ion Ratio Lower Upper  
92 100  
91 170.3 136.3 204.5

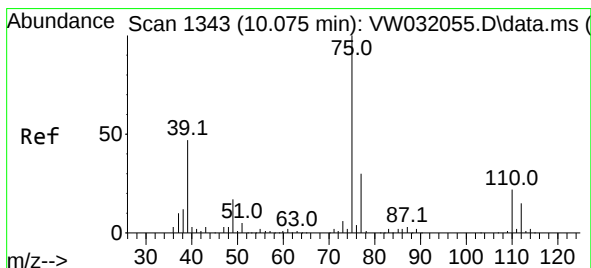
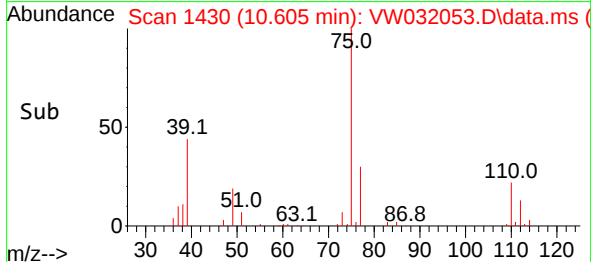
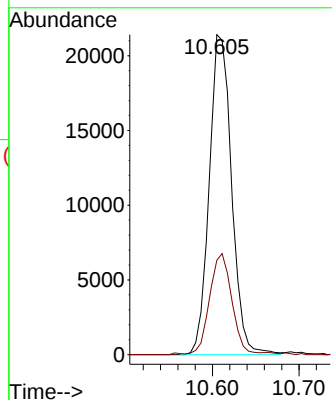
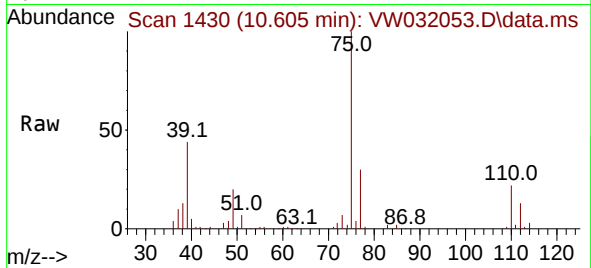




#53  
t-1,3-Dichloropropene  
Concen: 9.441 ug/l  
RT: 10.605 min Scan# 1430  
Delta R.T. -0.006 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

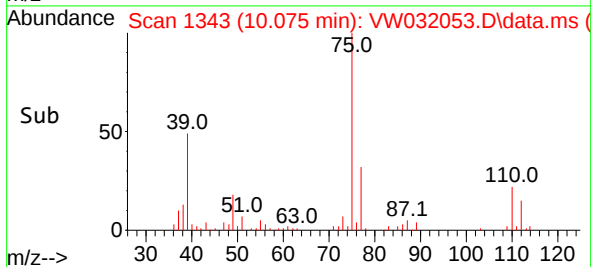
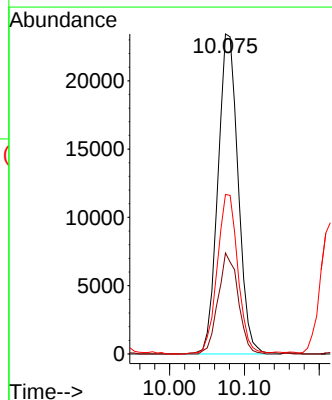
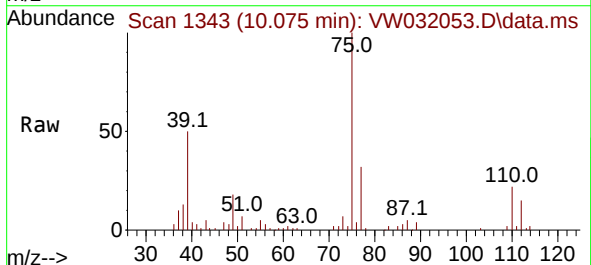
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC010

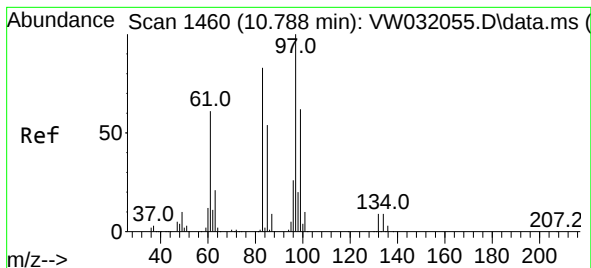
Tgt Ion: 75 Resp: 38397  
Ion Ratio Lower Upper  
75 100  
77 29.2 25.0 37.6



#54  
cis-1,3-Dichloropropene  
Concen: 9.543 ug/l  
RT: 10.075 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

Tgt Ion: 75 Resp: 44031  
Ion Ratio Lower Upper  
75 100  
77 31.6 24.0 36.0  
39 49.9 37.8 56.8

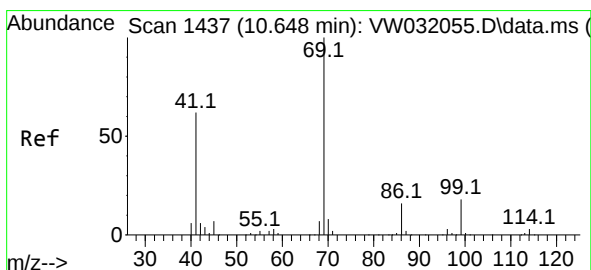
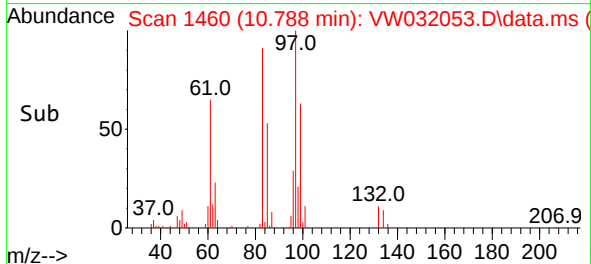
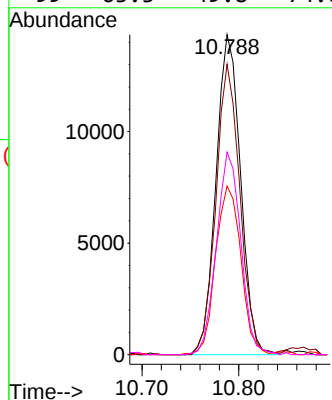
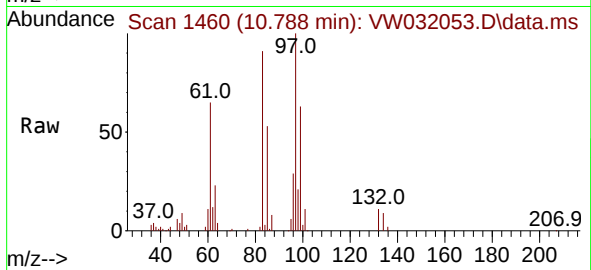




#55  
1,1,2-Trichloroethane  
Concen: 10.097 ug/l  
RT: 10.788 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

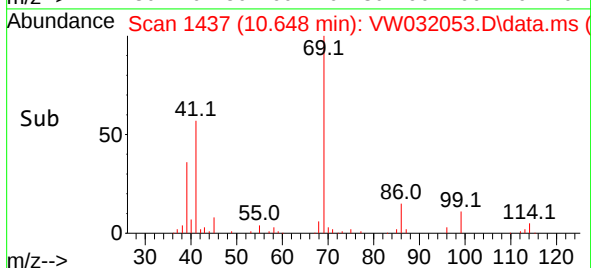
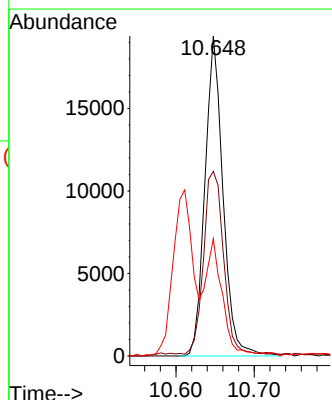
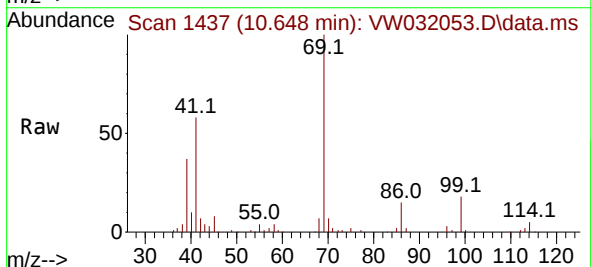
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MSVOA\_W  
ClientSampleId :  
VSTDIC010

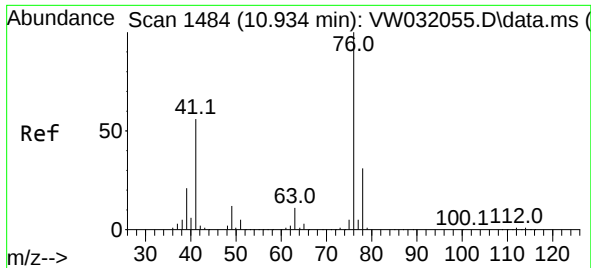
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 25277 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 90.7  | 66.4  | 99.6  |
| 85       | 52.7  | 43.1  | 64.7  |
| 99       | 63.3  | 49.8  | 74.6  |



#56  
Ethyl methacrylate  
Concen: 9.260 ug/l  
RT: 10.648 min Scan# 1437  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 31022 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 62.3  | 51.2  | 76.8  |
| 39       | 35.0  | 25.4  | 38.0  |





#57

1,3-Dichloropropane

Concen: 10.254 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Instrument :

MSVOA\_W

ClientSampleId :

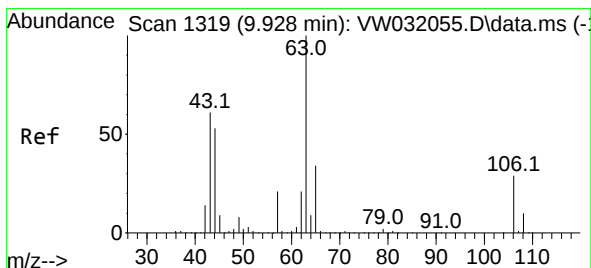
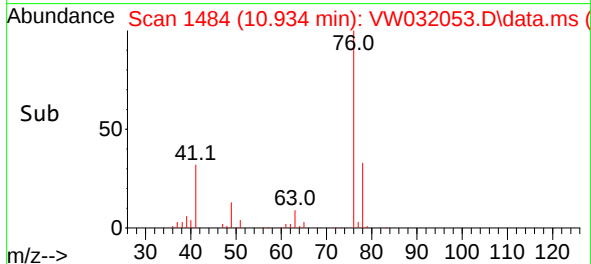
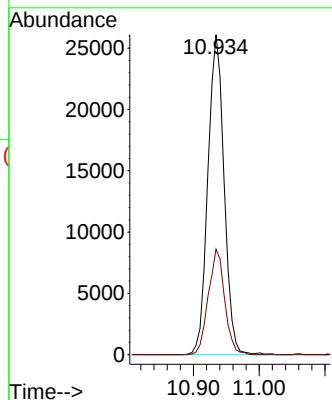
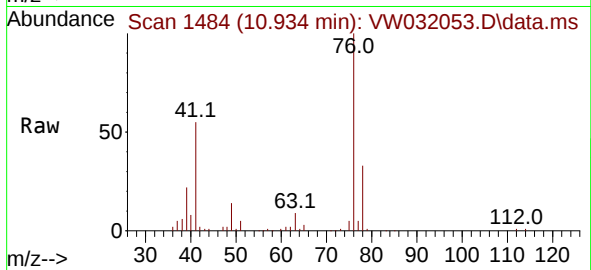
VSTDIC010

Tgt Ion: 76 Resp: 44743

Ion Ratio Lower Upper

76 100

78 33.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 47.830 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032053.D

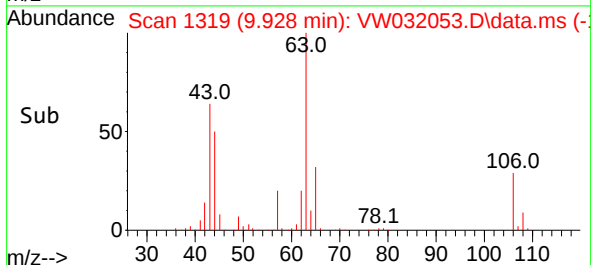
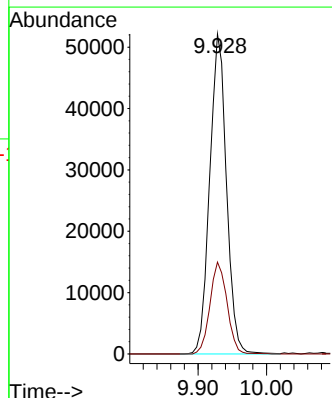
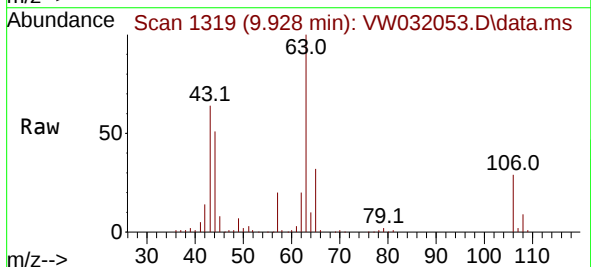
Acq: 11 Aug 2025 09:09

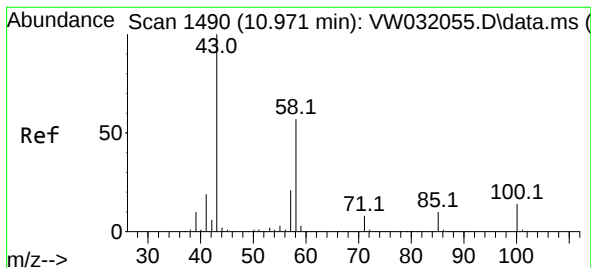
Tgt Ion: 63 Resp: 88627

Ion Ratio Lower Upper

63 100

106 29.2 23.5 35.3

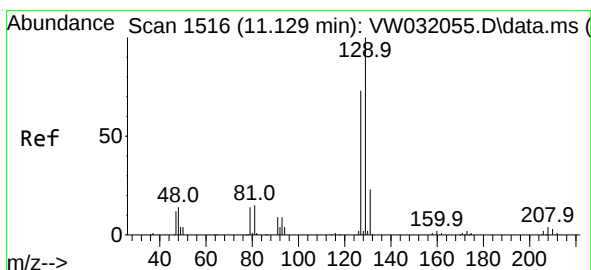
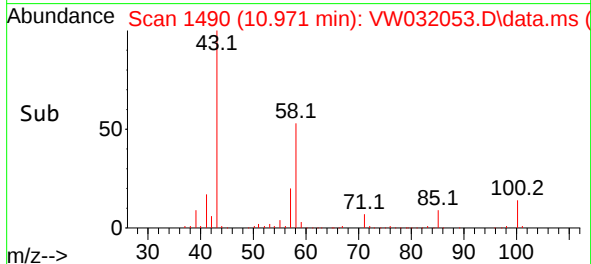
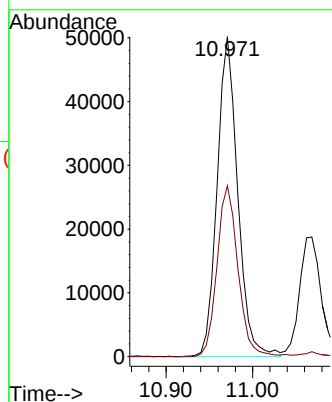
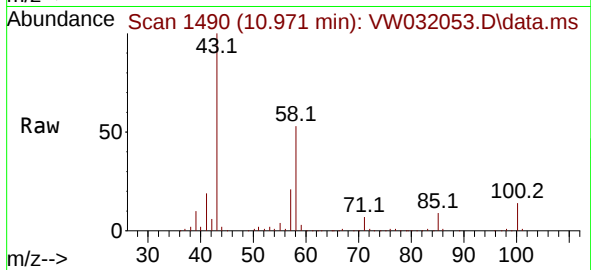




#59  
2-Hexanone  
Concen: 50.310 ug/l  
RT: 10.971 min Scan# 1490  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

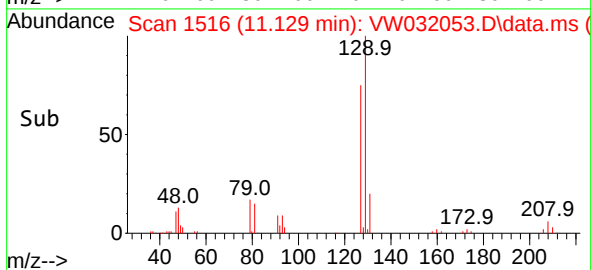
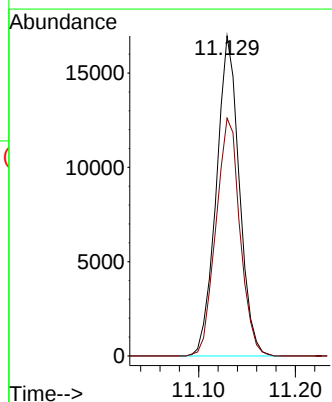
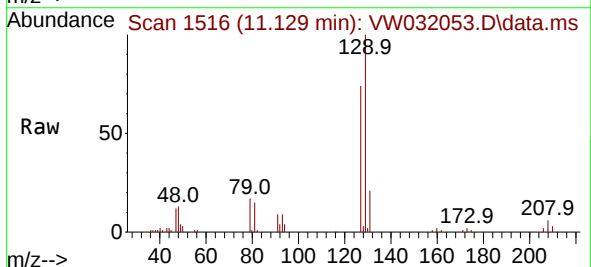
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

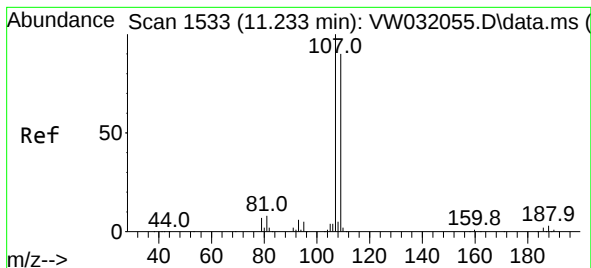
Tgt Ion: 43 Resp: 82830  
Ion Ratio Lower Upper  
43 100  
58 54.2 28.3 85.0



#60  
Dibromochloromethane  
Concen: 9.776 ug/l  
RT: 11.129 min Scan# 1516  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

Tgt Ion: 129 Resp: 27954  
Ion Ratio Lower Upper  
129 100  
127 77.7 39.0 116.9

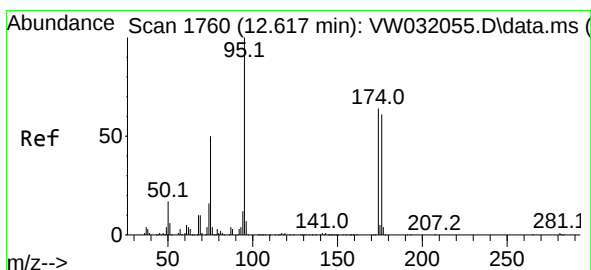
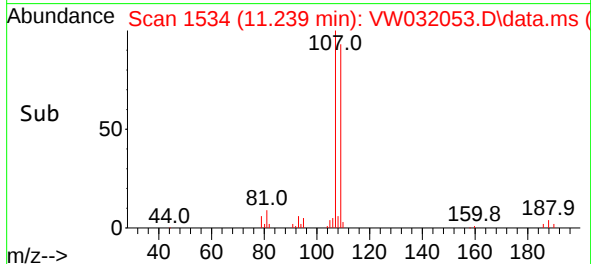
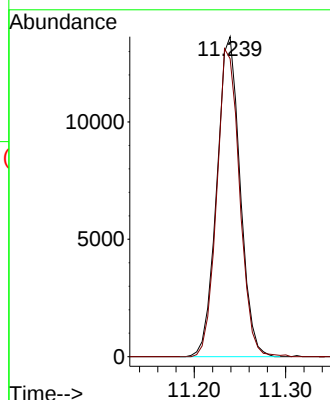
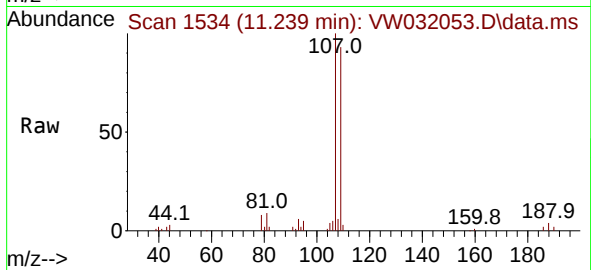




#61  
1,2-Dibromoethane  
Concen: 9.926 ug/l  
RT: 11.239 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

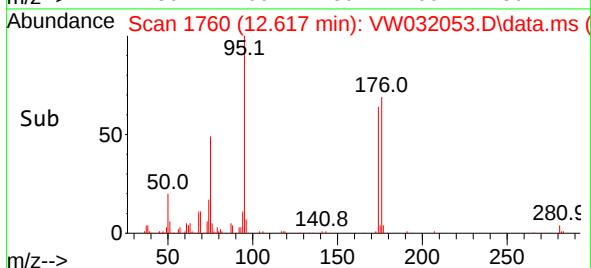
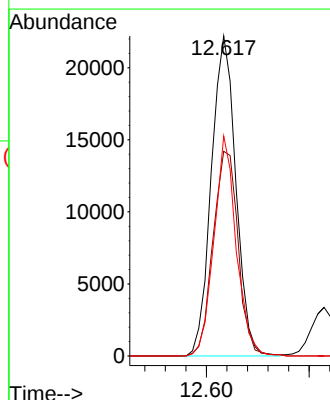
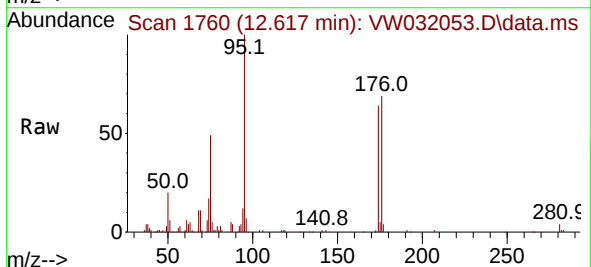
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

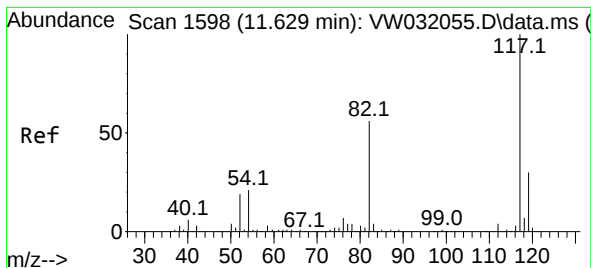
Tgt Ion:107 Resp: 24146  
Ion Ratio Lower Upper  
107 100  
109 94.2 74.2 111.4



#62  
4-Bromofluorobenzene  
Concen: 9.778 ug/l  
RT: 12.617 min Scan# 1760  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

Tgt Ion: 95 Resp: 36748  
Ion Ratio Lower Upper  
95 100  
174 65.3 0.0 129.0  
176 62.4 0.0 124.6

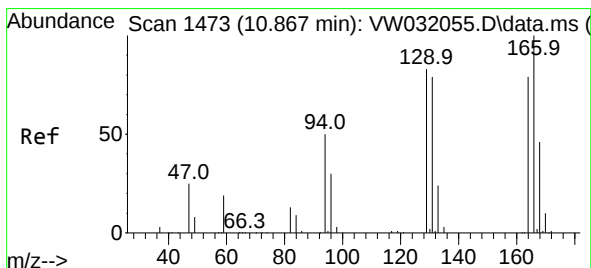
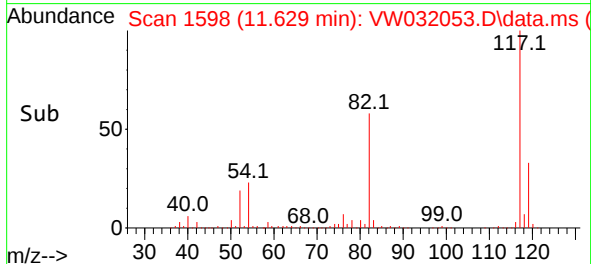
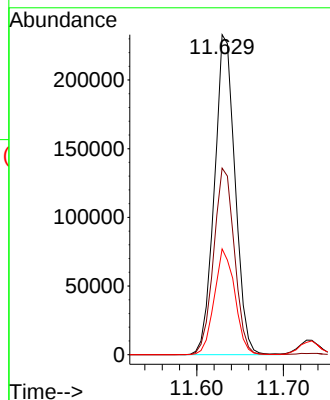
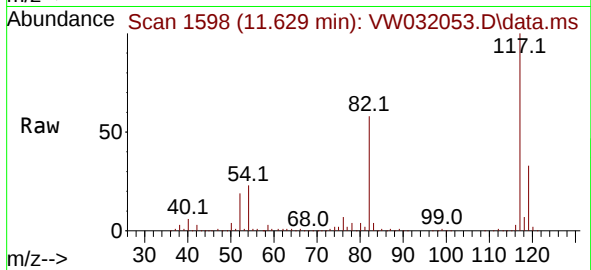




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.629 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

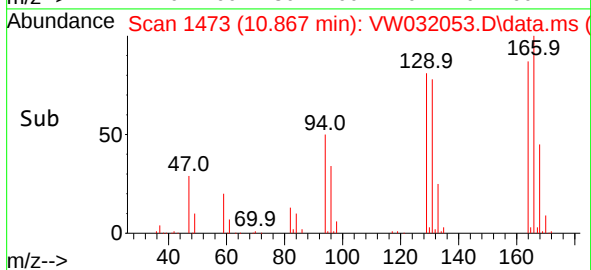
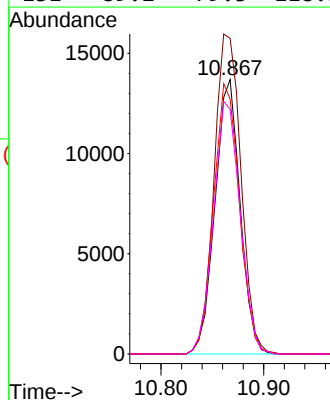
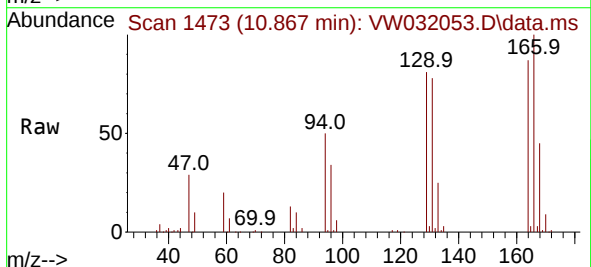
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

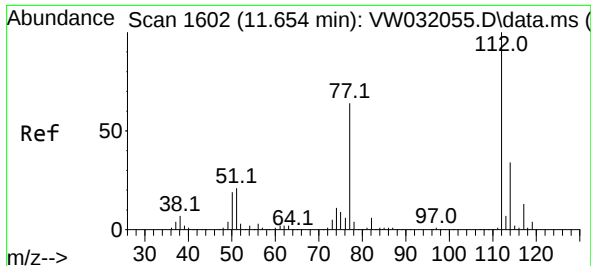
Tgt Ion:117 Resp: 385631  
Ion Ratio Lower Upper  
117 100  
82 58.3 45.0 67.4  
119 33.0 24.2 36.4



#64  
Tetrachloroethene  
Concen: 10.431 ug/l  
RT: 10.867 min Scan# 1473  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

Tgt Ion:164 Resp: 23235  
Ion Ratio Lower Upper  
164 100  
166 115.0 100.9 151.3  
129 92.9 83.6 125.4  
131 89.2 79.3 118.9

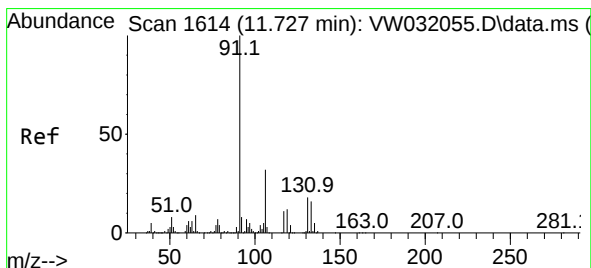
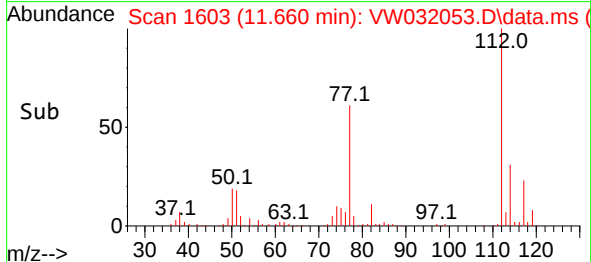
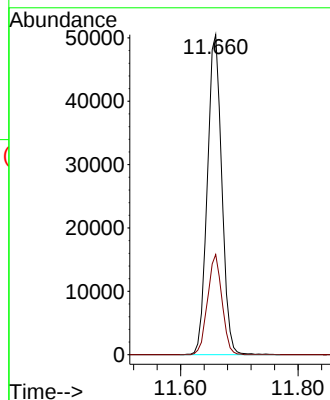
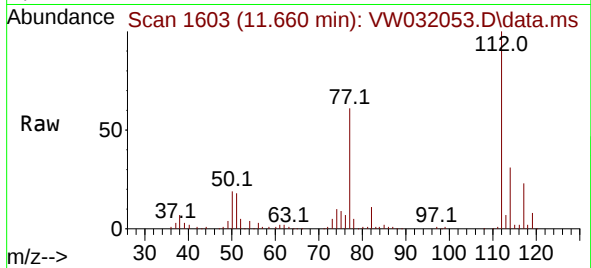




#65  
Chlorobenzene  
Concen: 10.257 ug/l  
RT: 11.660 min Scan# 1603  
Delta R.T. 0.006 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

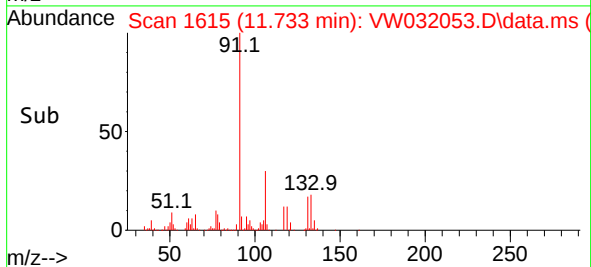
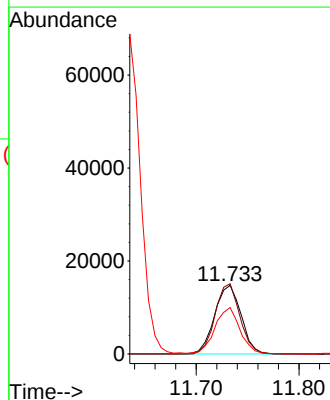
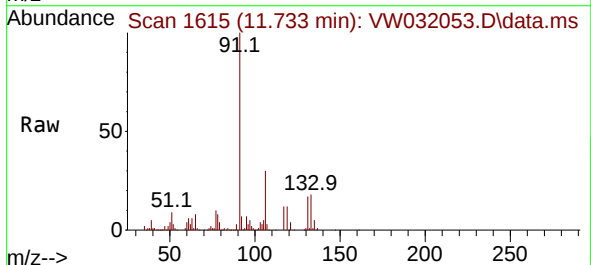
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

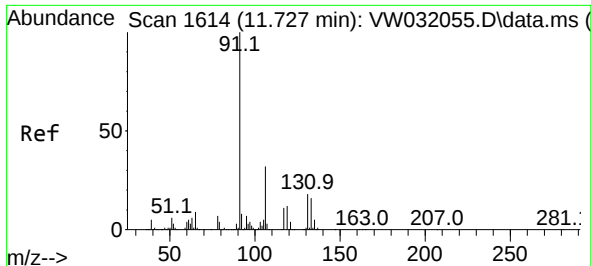
Tgt Ion:112 Resp: 86096  
Ion Ratio Lower Upper  
112 100  
114 31.3 26.9 40.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 10.037 ug/l  
RT: 11.733 min Scan# 1615  
Delta R.T. 0.006 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

Tgt Ion:131 Resp: 26286  
Ion Ratio Lower Upper  
131 100  
133 95.6 47.3 142.0  
119 64.5 34.5 103.5





#67

Ethyl Benzene

Concen: 9.794 ug/l

RT: 11.733 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Instrument :

MSVOA\_W

ClientSampleId :

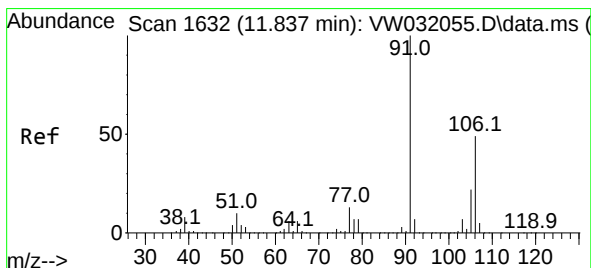
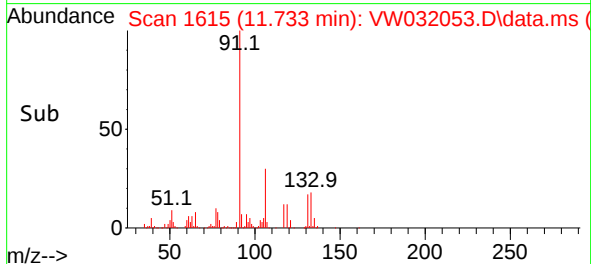
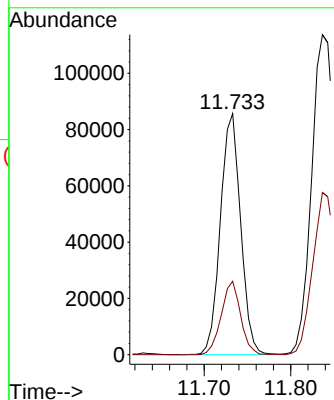
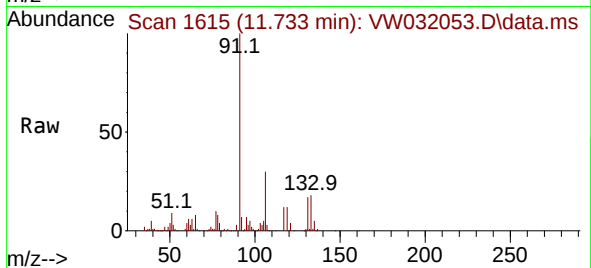
VSTDICC010

Tgt Ion: 91 Resp: 139254

Ion Ratio Lower Upper

91 100

106 30.5 25.4 38.0



#68

m/p-Xylenes

Concen: 19.866 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032053.D

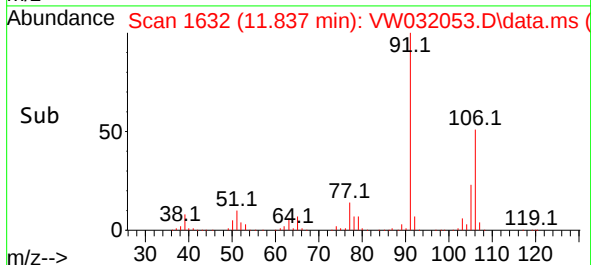
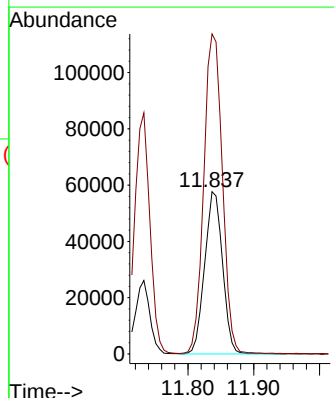
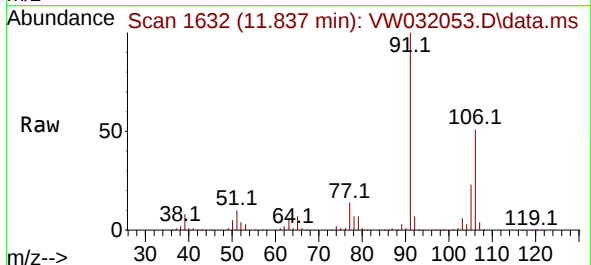
Acq: 11 Aug 2025 09:09

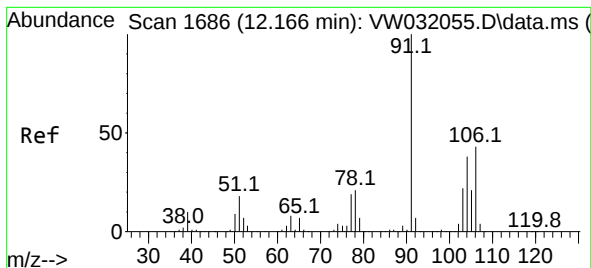
Tgt Ion:106 Resp: 108990

Ion Ratio Lower Upper

106 100

91 205.0 162.2 243.2

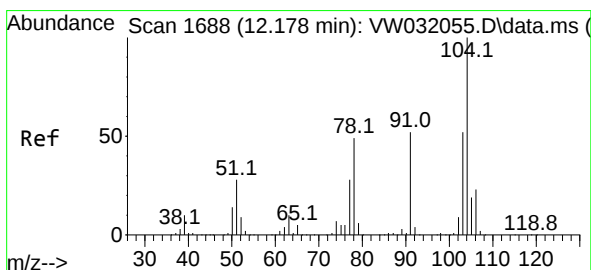
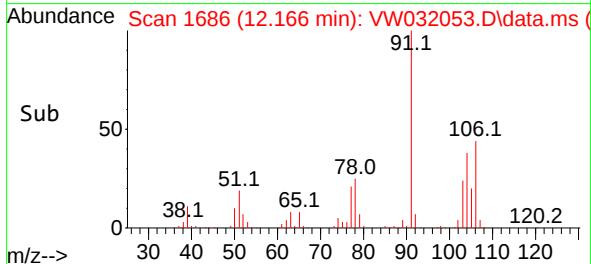
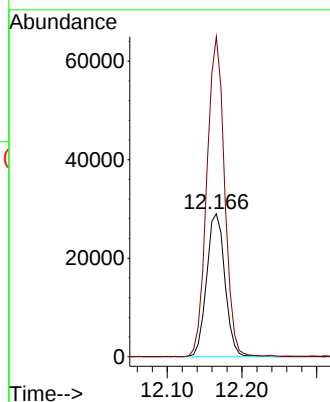
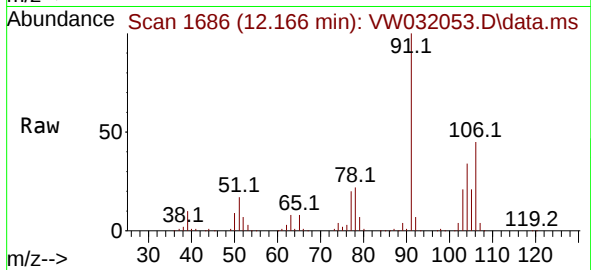




#69  
o-Xylene  
Concen: 9.714 ug/l  
RT: 12.166 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

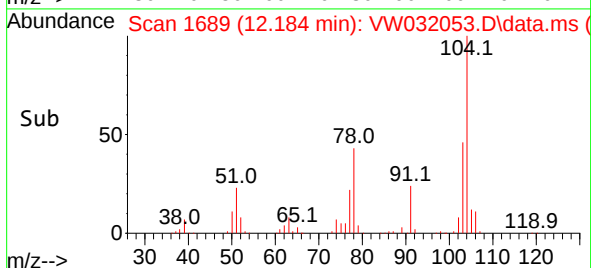
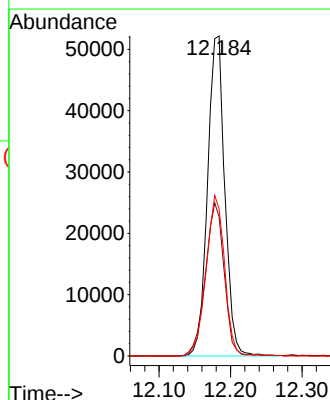
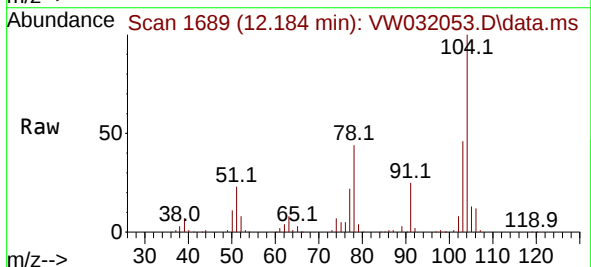
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

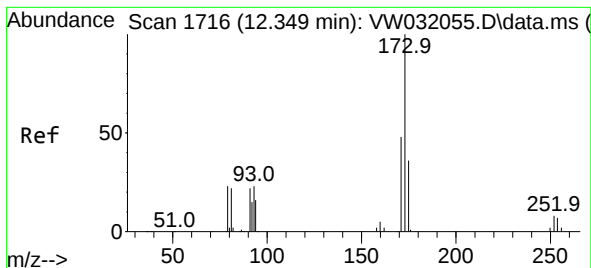
Tgt Ion:106 Resp: 49259  
Ion Ratio Lower Upper  
106 100  
91 216.8 110.8 332.3



#70  
Styrene  
Concen: 9.719 ug/l  
RT: 12.184 min Scan# 1689  
Delta R.T. 0.006 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

Tgt Ion:104 Resp: 87542  
Ion Ratio Lower Upper  
104 100  
78 52.1 41.2 61.8  
103 53.8 43.8 65.8





#71

Bromoform

Concen: 9.711 ug/l

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

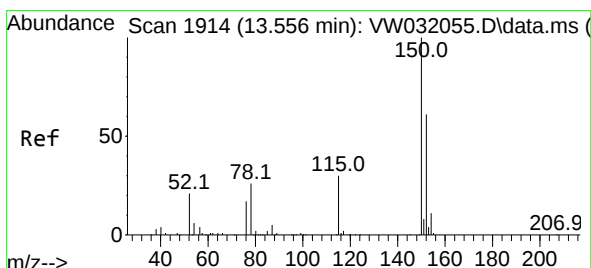
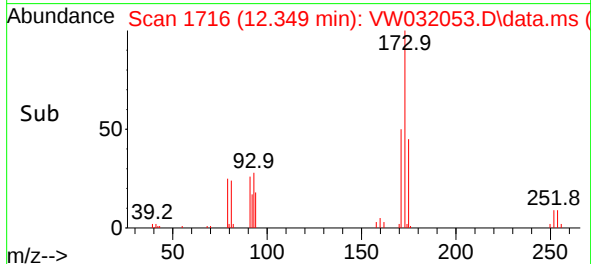
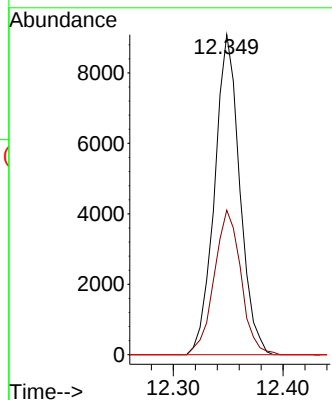
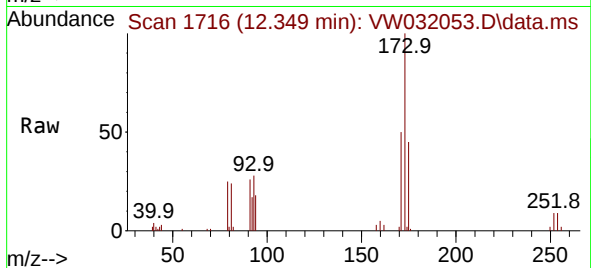
Tgt Ion:173 Resp: 14547

Ion Ratio Lower Upper

173 100

175 47.8 22.9 68.7

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

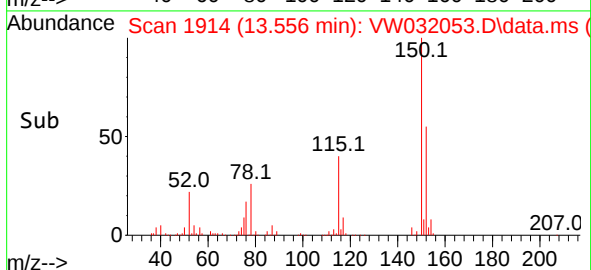
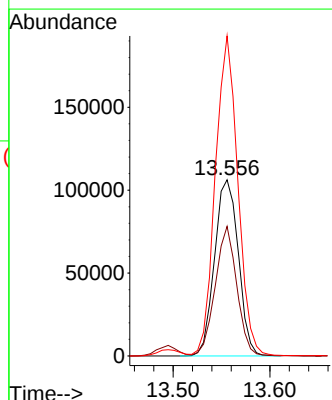
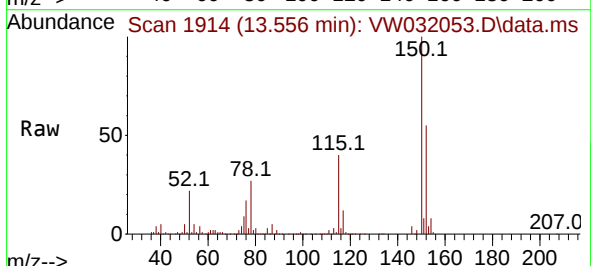
Tgt Ion:152 Resp: 181281

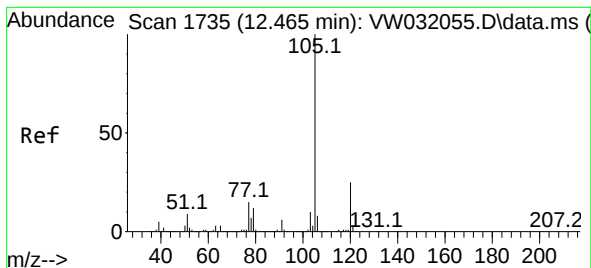
Ion Ratio Lower Upper

152 100

115 66.5 32.6 97.8

150 171.8 0.0 359.4





#73

Isopropylbenzene

Concen: 9.886 ug/l

RT: 12.464 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Instrument :

MSVOA\_W

ClientSampleId :

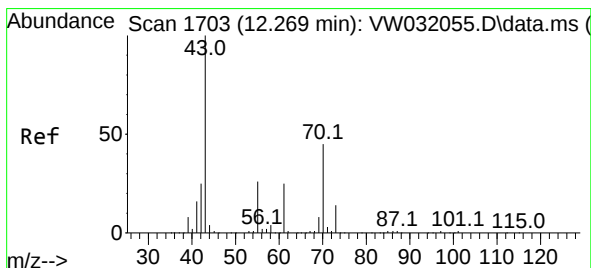
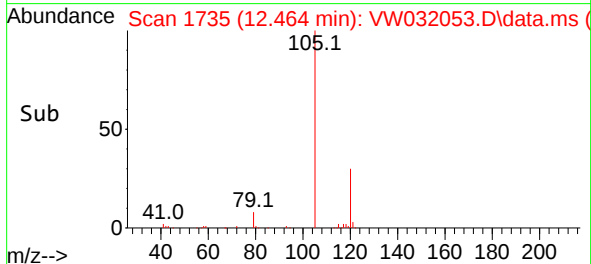
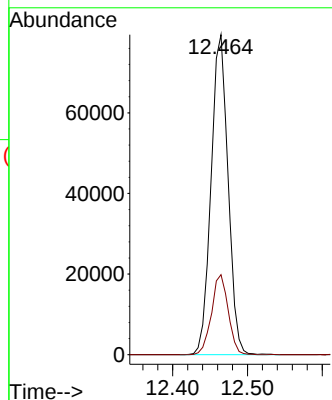
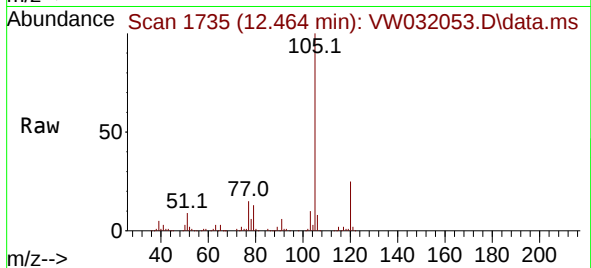
VSTDIC010

Tgt Ion:105 Resp: 125246

Ion Ratio Lower Upper

105 100

120 24.6 12.8 38.4



#74

N-ethyl acetate

Concen: 9.804 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Tgt Ion: 43 Resp: 35636

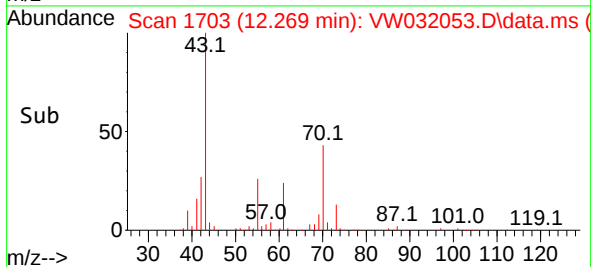
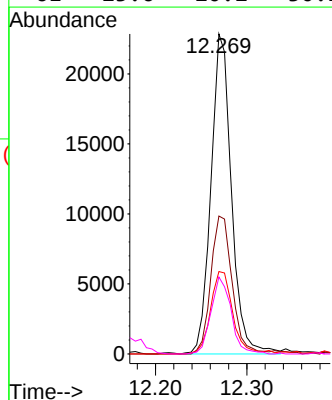
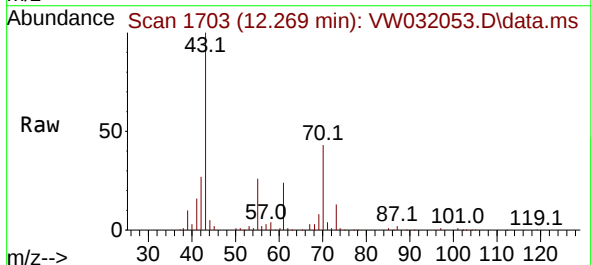
Ion Ratio Lower Upper

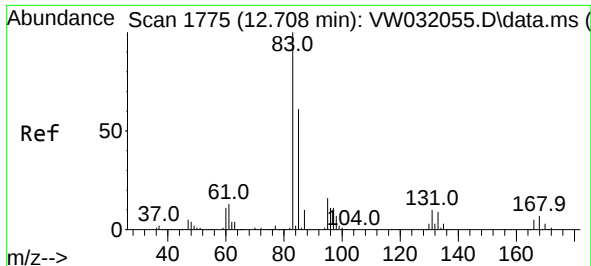
43 100

70 44.7 37.0 55.4

55 28.3 21.1 31.7

61 23.6 20.2 30.2

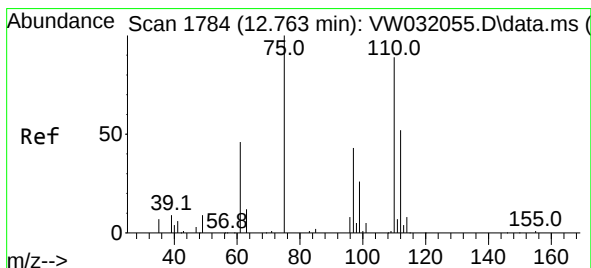
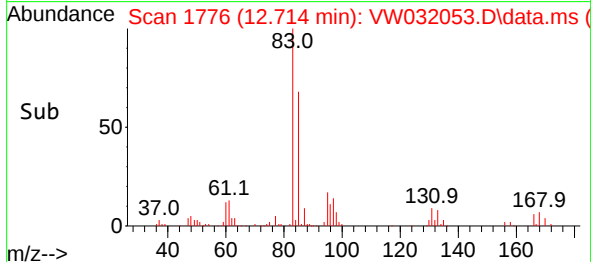
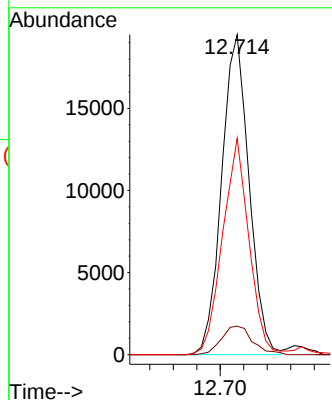
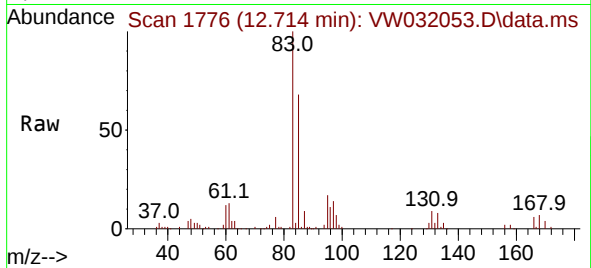




#75  
1,1,2,2-Tetrachloroethane  
Concen: 10.499 ug/l  
RT: 12.714 min Scan# 1775  
Delta R.T. 0.006 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

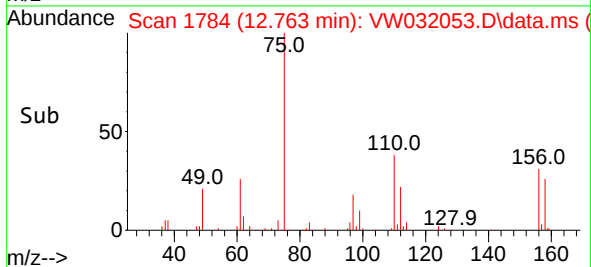
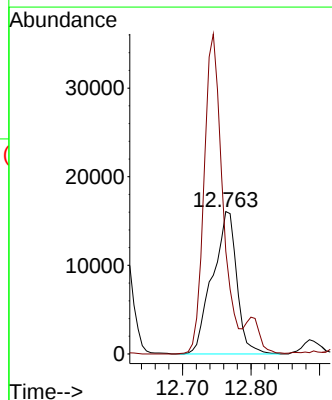
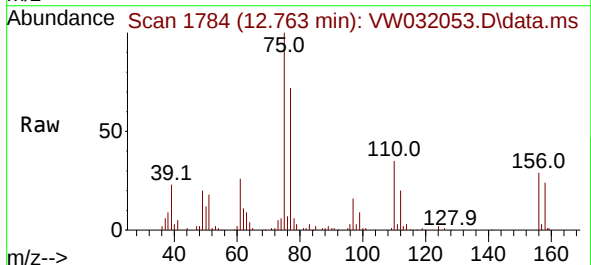
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC010

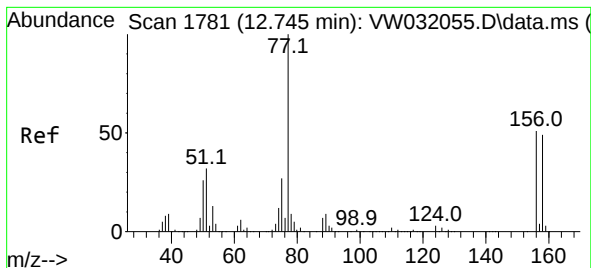
Tgt Ion: 83 Resp: 31581  
Ion Ratio Lower Upper  
83 100  
131 10.1 5.1 15.4  
85 65.0 32.2 96.6



#76  
1,2,3-Trichloropropane  
Concen: 14.180 ug/l  
RT: 12.763 min Scan# 1784  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

Tgt Ion: 75 Resp: 39515  
Ion Ratio Lower Upper  
75 100  
77 173.7 123.5 370.5





#77

Bromobenzene

Concen: 10.462 ug/l

RT: 12.745 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

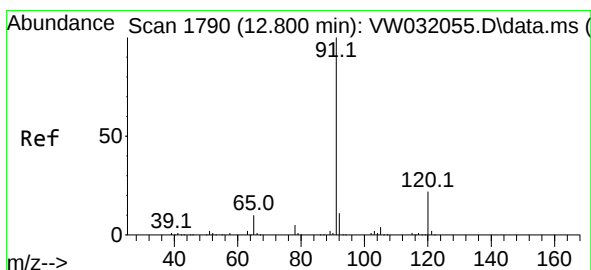
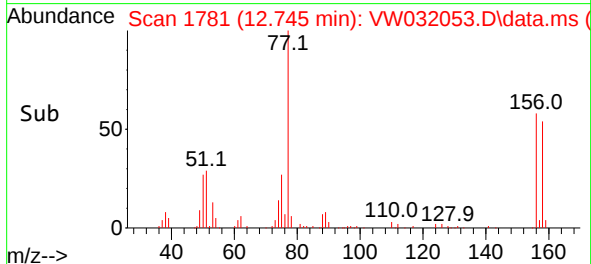
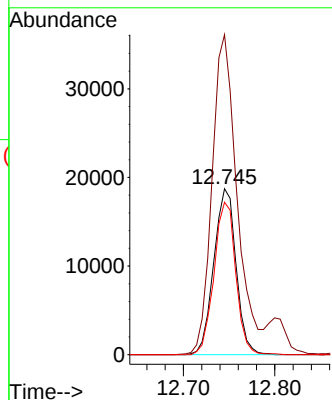
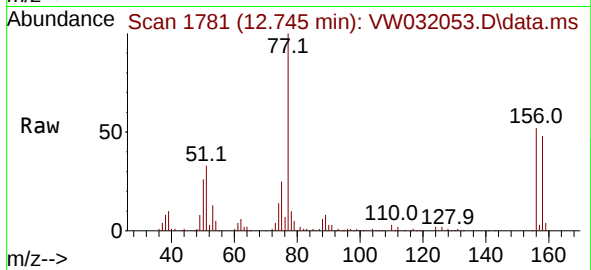
Tgt Ion:156 Resp: 31656

Ion Ratio Lower Upper

156 100

77 216.8 108.7 326.3

158 90.0 48.3 144.9



#78

n-propylbenzene

Concen: 10.019 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032053.D

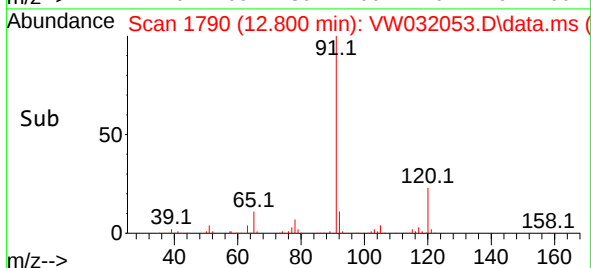
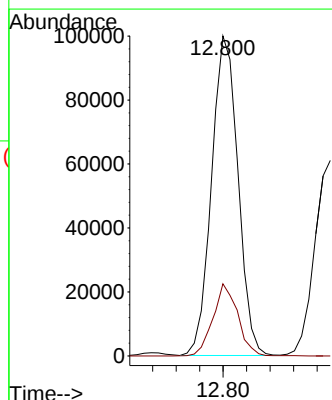
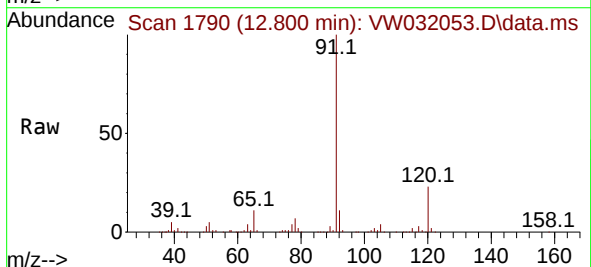
Acq: 11 Aug 2025 09:09

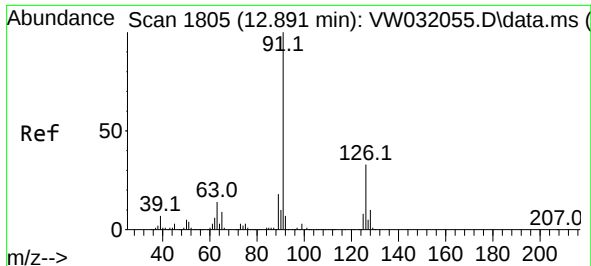
Tgt Ion: 91 Resp: 156266

Ion Ratio Lower Upper

91 100

120 21.1 11.1 33.3

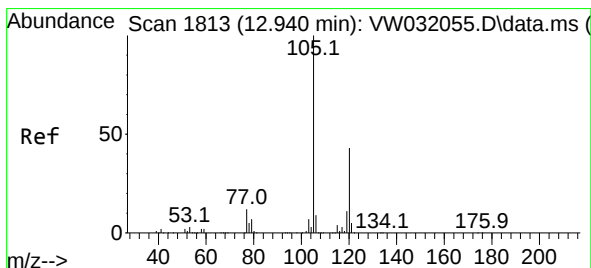
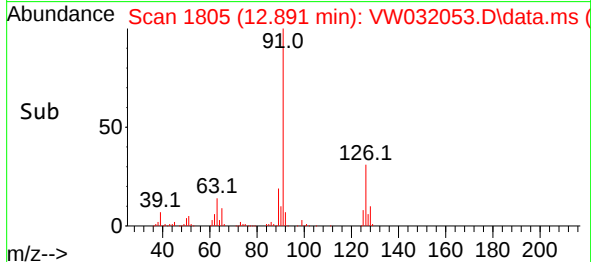
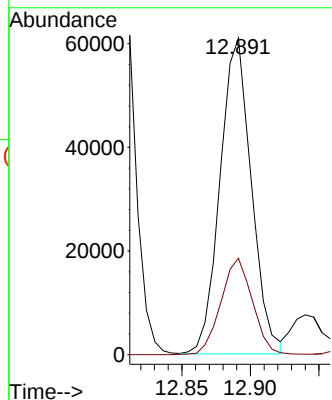
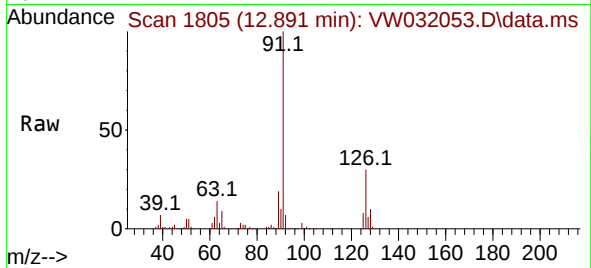




#79  
2-Chlorotoluene  
Concen: 10.071 ug/l  
RT: 12.891 min Scan# 1805  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

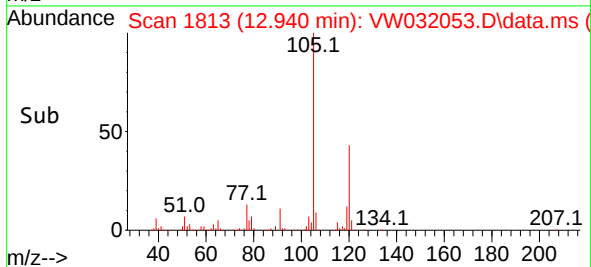
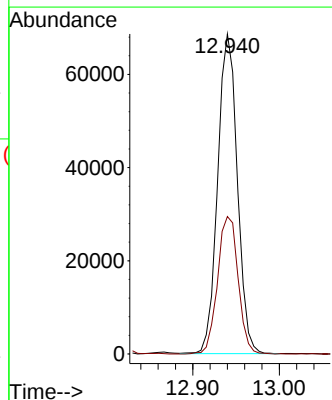
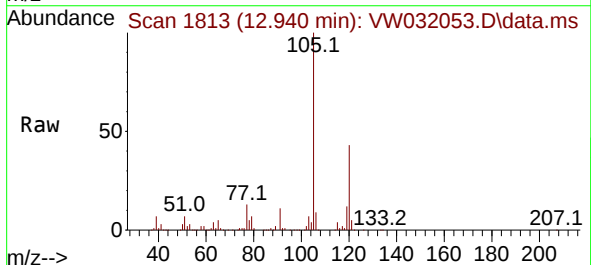
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

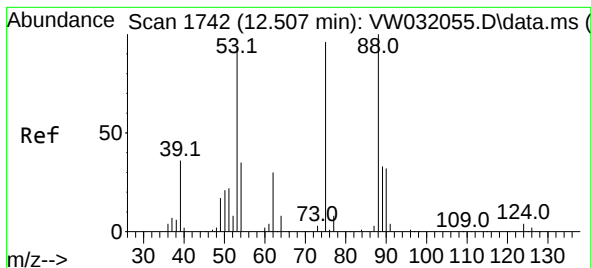
Tgt Ion: 91 Resp: 96942  
Ion Ratio Lower Upper  
91 100  
126 30.8 15.9 47.7



#80  
1,3,5-Trimethylbenzene  
Concen: 10.053 ug/l  
RT: 12.940 min Scan# 1813  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

Tgt Ion: 105 Resp: 108123  
Ion Ratio Lower Upper  
105 100  
120 45.0 23.4 70.0

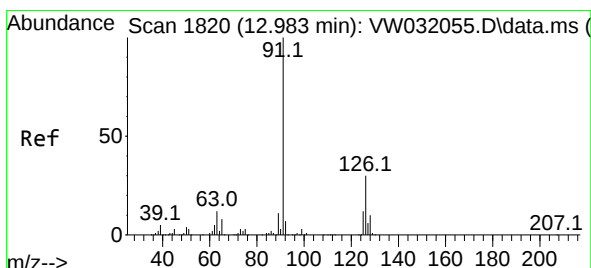
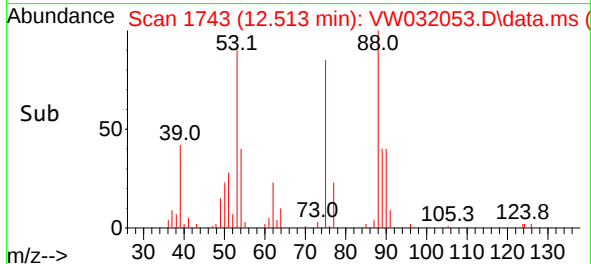
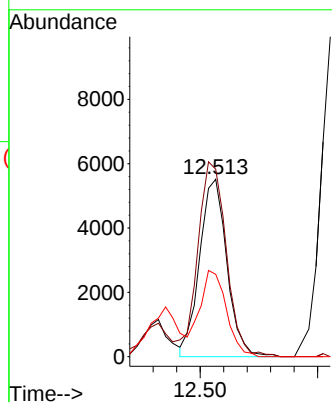
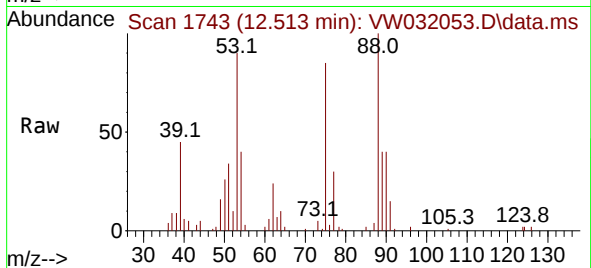




#81  
trans-1,4-Dichloro-2-butene  
Concen: 9.403 ug/l  
RT: 12.513 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

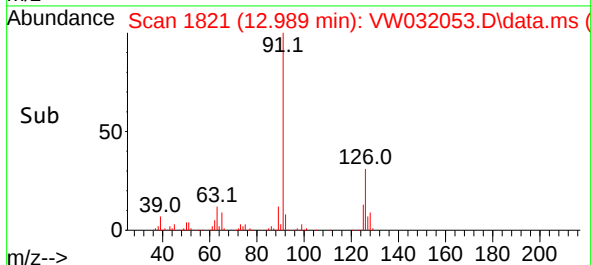
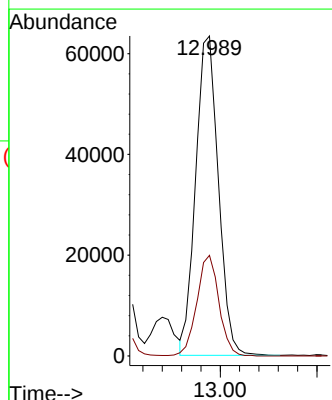
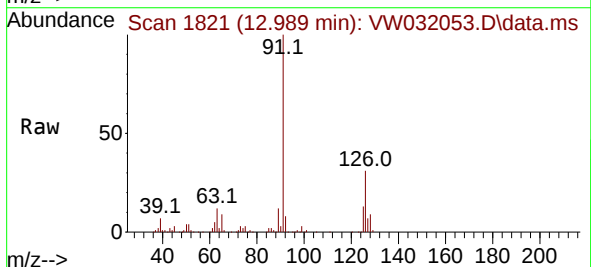
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC010

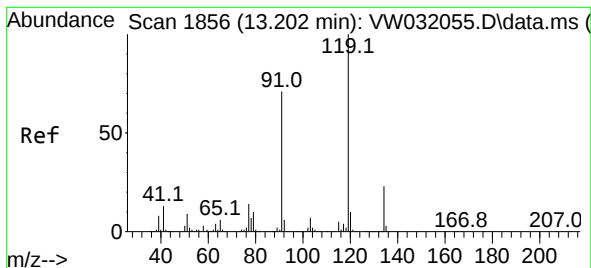
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 8936  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 115.3 | 81.0  | 121.6 |
| 89       | 47.3  | 37.3  | 55.9  |



#82  
4-Chlorotoluene  
Concen: 10.103 ug/l  
RT: 12.989 min Scan# 1821  
Delta R.T. 0.006 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 103329 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 30.8  | 15.5  | 46.5   |

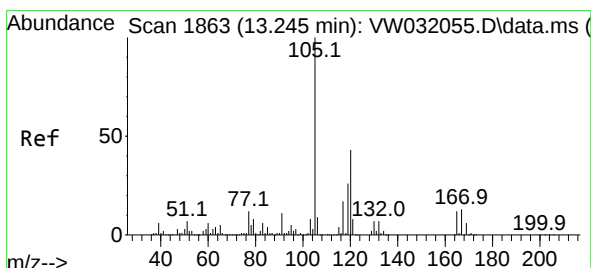
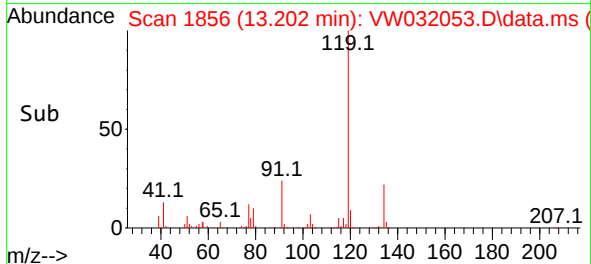
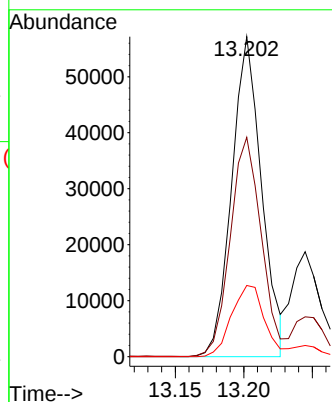
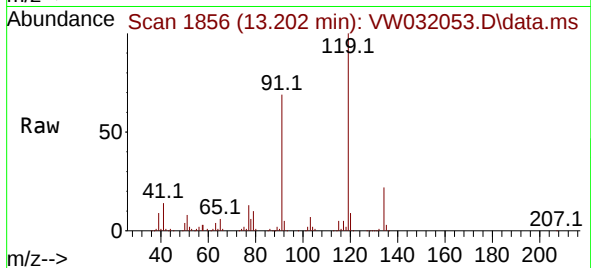




#83  
tert-Butylbenzene  
Concen: 9.729 ug/l  
RT: 13.202 min Scan# 1856  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

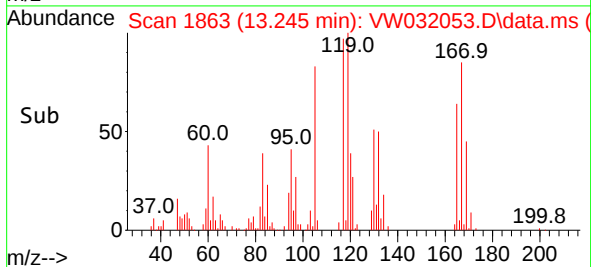
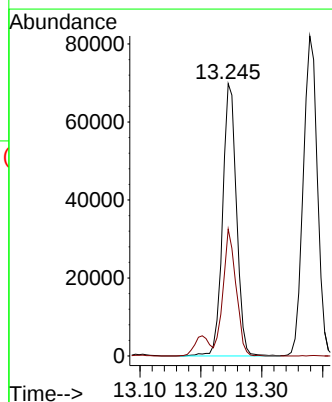
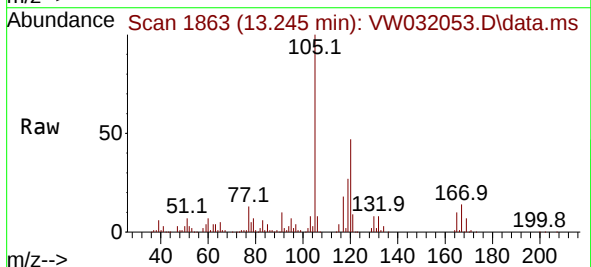
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

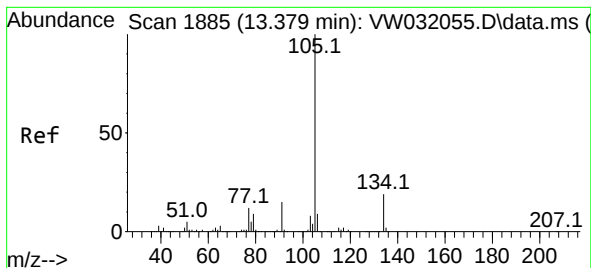
Tgt Ion:119 Resp: 86848  
Ion Ratio Lower Upper  
119 100  
91 70.7 35.3 105.9  
134 24.8 12.1 36.3



#84  
1,2,4-Trimethylbenzene  
Concen: 10.110 ug/l  
RT: 13.245 min Scan# 1863  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

Tgt Ion:105 Resp: 110697  
Ion Ratio Lower Upper  
105 100  
120 43.5 21.6 64.8





#85

sec-Butylbenzene

Concen: 9.756 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Instrument :

MSVOA\_W

ClientSampleId :

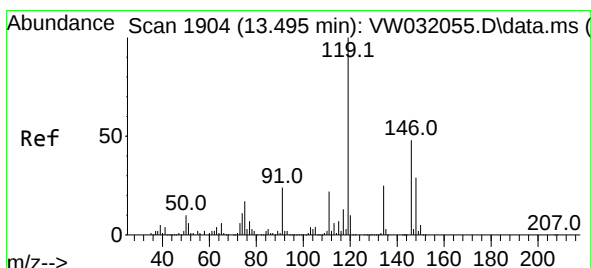
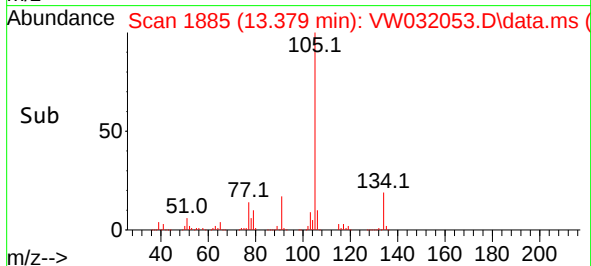
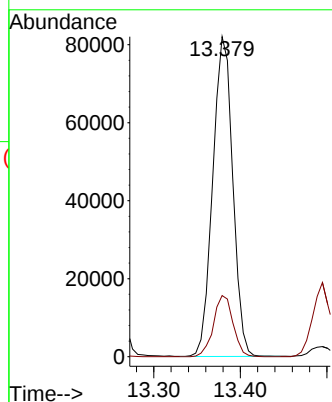
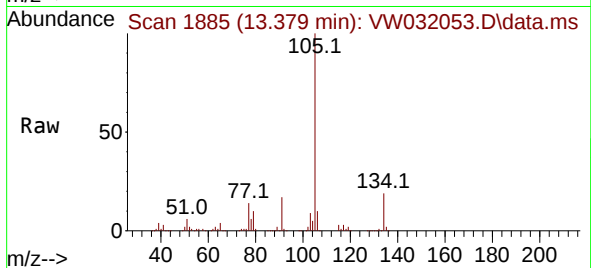
VSTDIC010

Tgt Ion:105 Resp: 131663

Ion Ratio Lower Upper

105 100

134 18.7 9.9 29.7



#86

p-Isopropyltoluene

Concen: 9.827 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

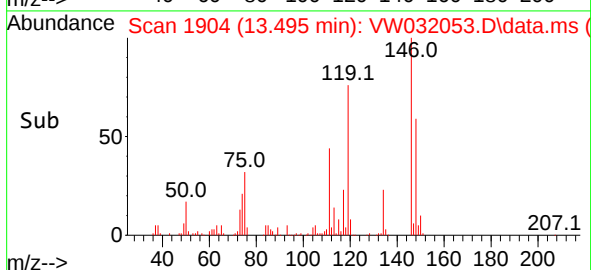
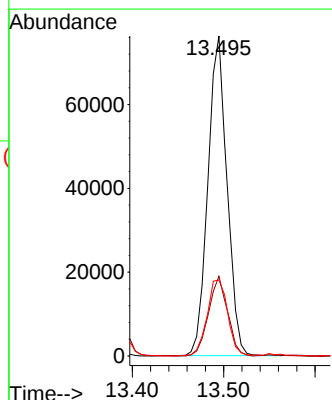
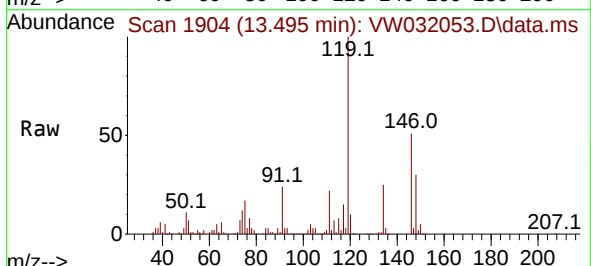
Tgt Ion:119 Resp: 110557

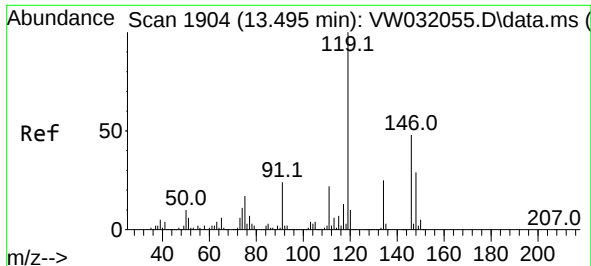
Ion Ratio Lower Upper

119 100

134 24.8 12.4 37.0

91 25.8 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 10.361 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

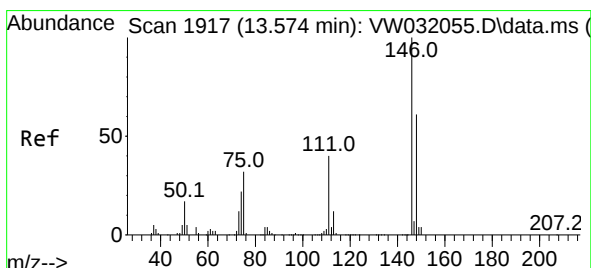
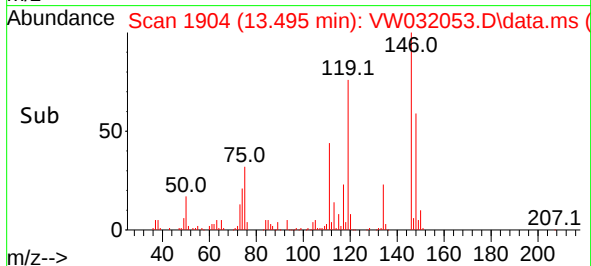
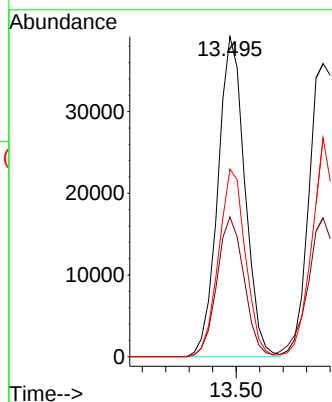
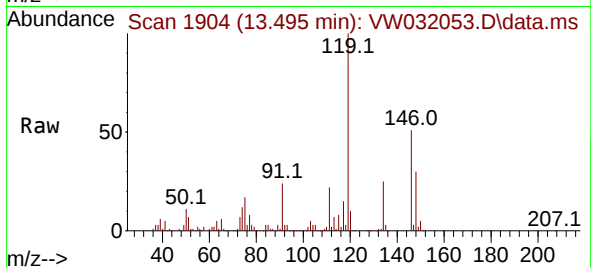
Tgt Ion:146 Resp: 62383

Ion Ratio Lower Upper

146 100

111 43.9 21.2 63.6

148 58.5 30.3 90.8



#88

1,4-Dichlorobenzene

Concen: 10.328 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

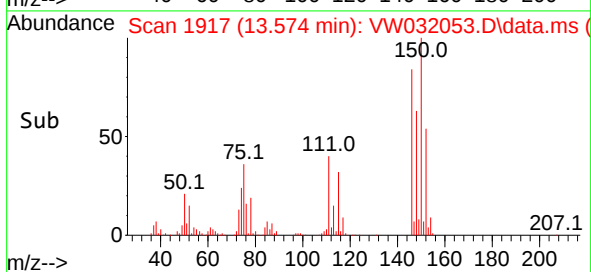
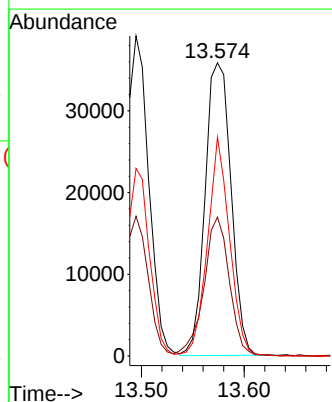
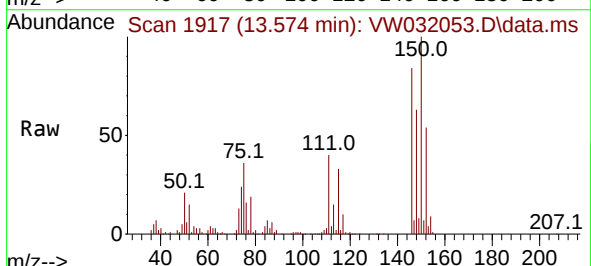
Tgt Ion:146 Resp: 62843

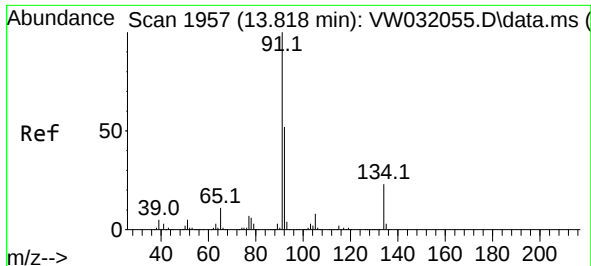
Ion Ratio Lower Upper

146 100

111 46.7 21.6 64.6

148 63.8 32.0 96.2

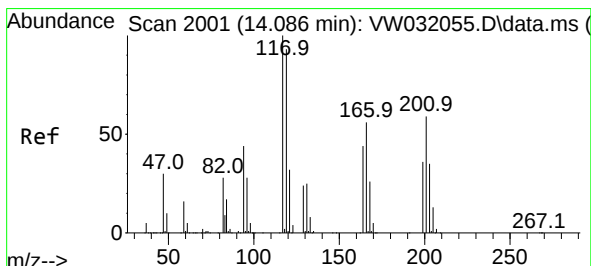
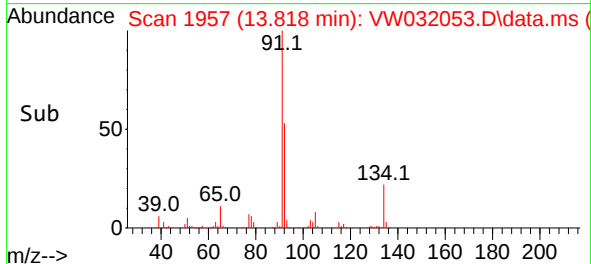
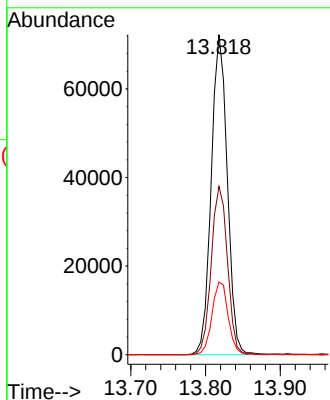
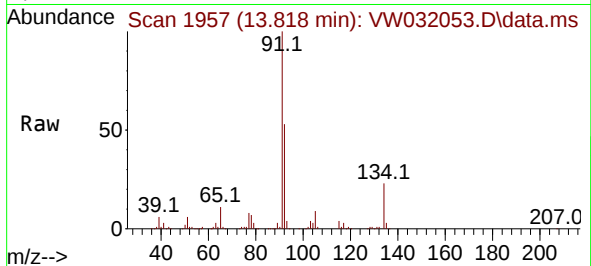




#89  
n-Butylbenzene  
Concen: 9.881 ug/l  
RT: 13.818 min Scan# 1957  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

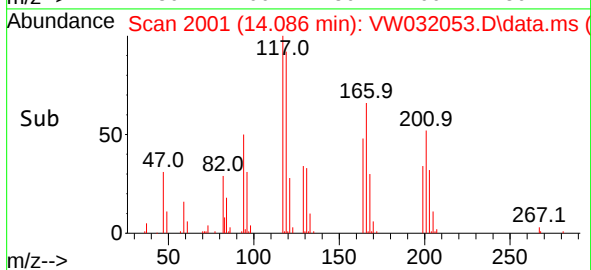
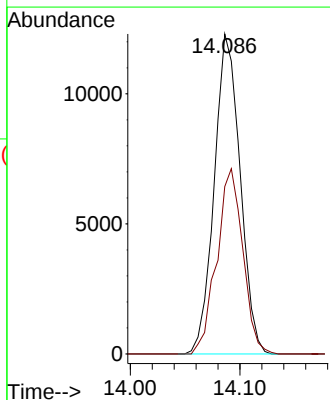
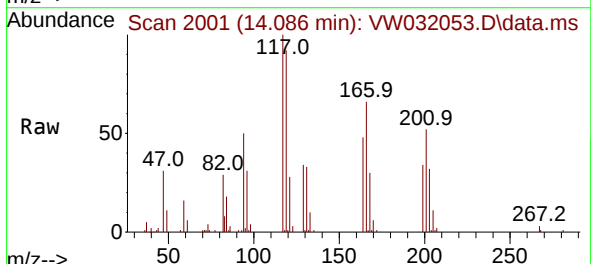
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

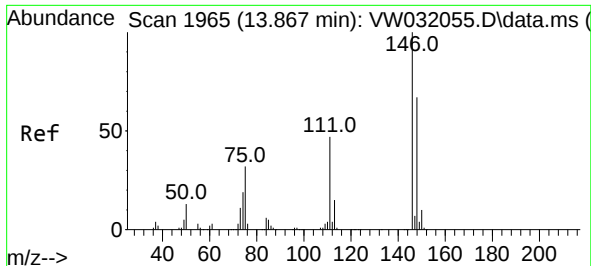
Tgt Ion: 91 Resp: 108004  
Ion Ratio Lower Upper  
91 100  
92 53.0 26.7 80.1  
134 22.8 12.0 36.1



#90  
Hexachloroethane  
Concen: 9.805 ug/l  
RT: 14.086 min Scan# 2001  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

Tgt Ion: 117 Resp: 20175  
Ion Ratio Lower Upper  
117 100  
201 58.3 30.9 92.5





#91

1,2-Dichlorobenzene

Concen: 10.359 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

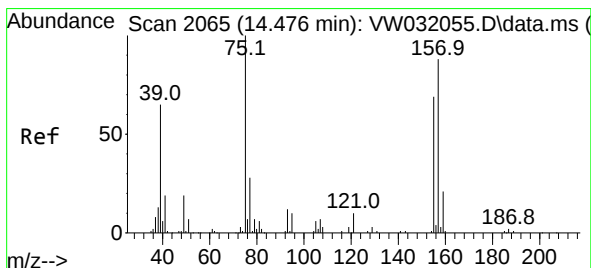
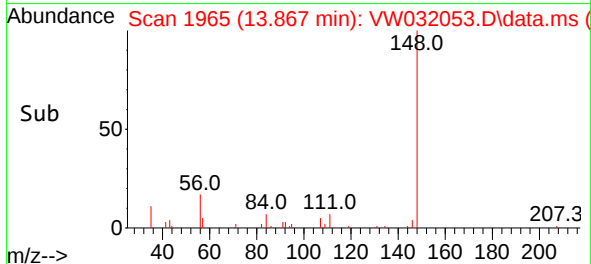
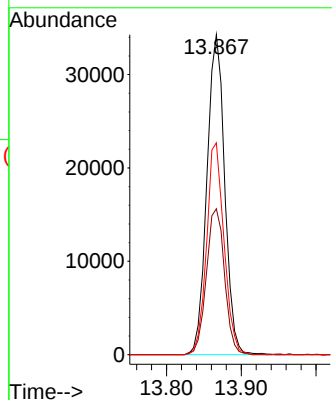
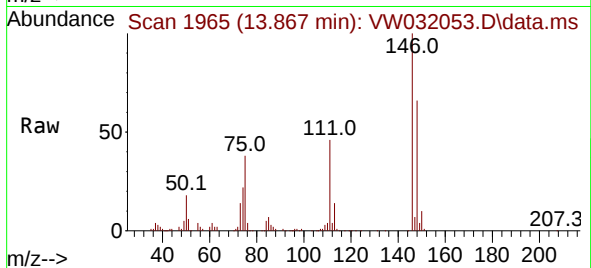
Tgt Ion:146 Resp: 56501

Ion Ratio Lower Upper

146 100

111 46.8 23.1 69.3

148 64.9 32.9 98.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.920 ug/l

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

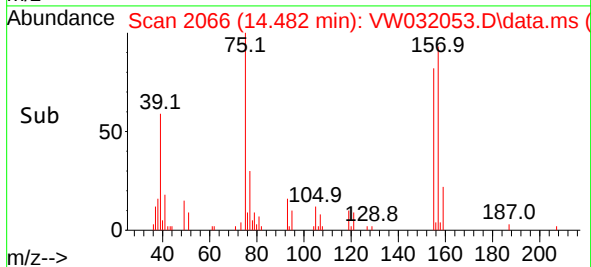
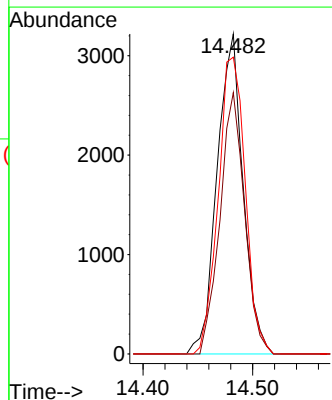
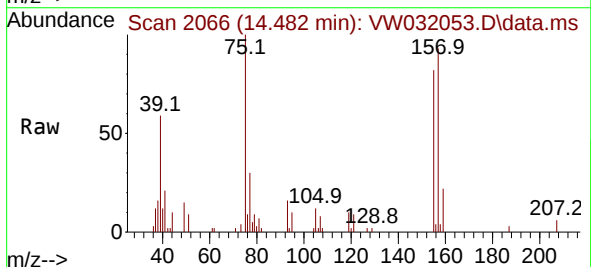
Tgt Ion: 75 Resp: 5305

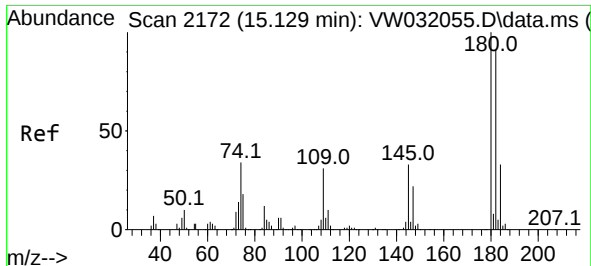
Ion Ratio Lower Upper

75 100

155 77.5 35.2 105.6

157 96.6 47.5 142.6

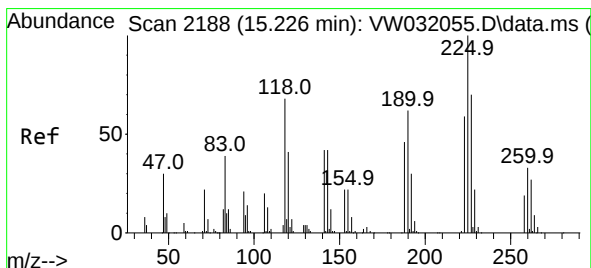
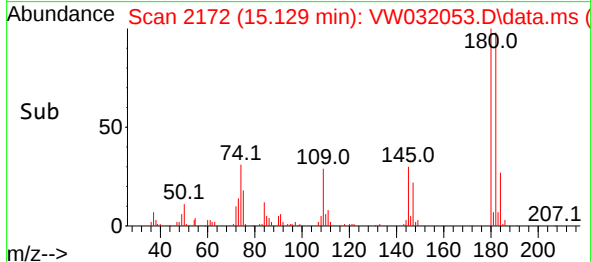
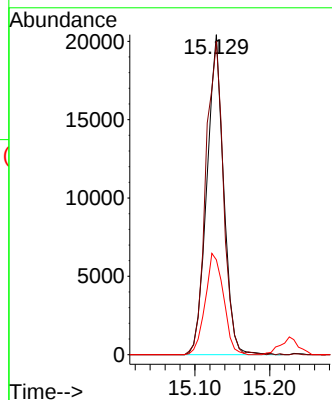
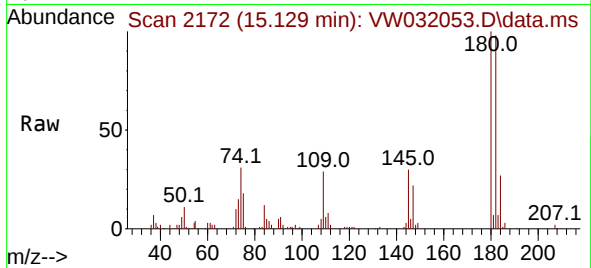




#93  
1,2,4-Trichlorobenzene  
Concen: 9.751 ug/l  
RT: 15.129 min Scan# 2172  
Delta R.T. -0.000 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

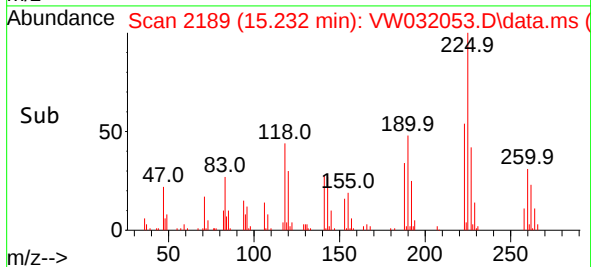
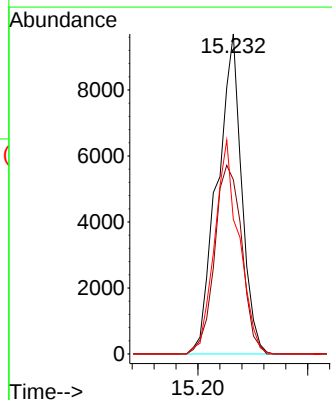
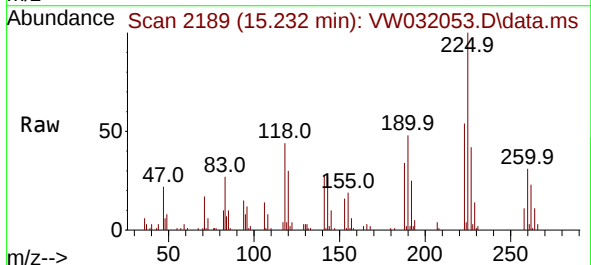
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

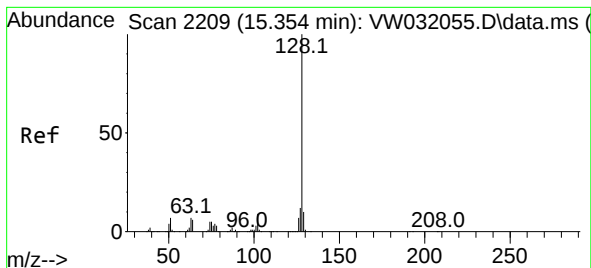
Tgt Ion:180 Resp: 31816  
Ion Ratio Lower Upper  
180 100  
182 102.4 49.0 147.0  
145 34.6 17.3 51.9



#94  
Hexachlorobutadiene  
Concen: 10.276 ug/l  
RT: 15.232 min Scan# 2189  
Delta R.T. 0.006 min  
Lab File: VW032053.D  
Acq: 11 Aug 2025 09:09

Tgt Ion:225 Resp: 14987  
Ion Ratio Lower Upper  
225 100  
223 65.5 31.8 95.3  
227 66.4 33.5 100.5





#95

Naphthalene

Concen: 9.542 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

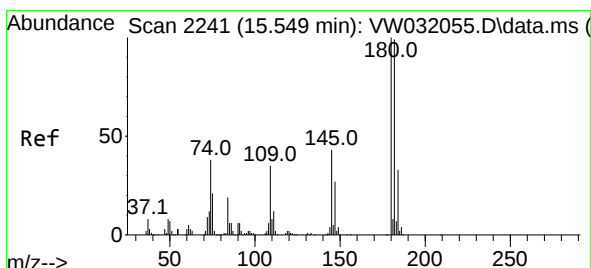
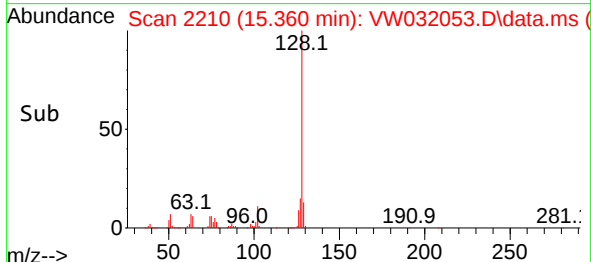
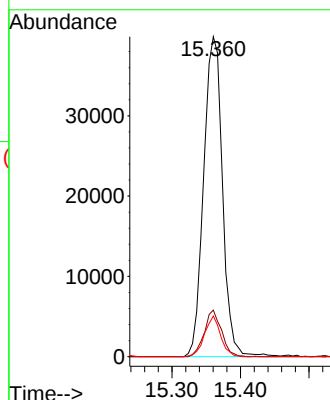
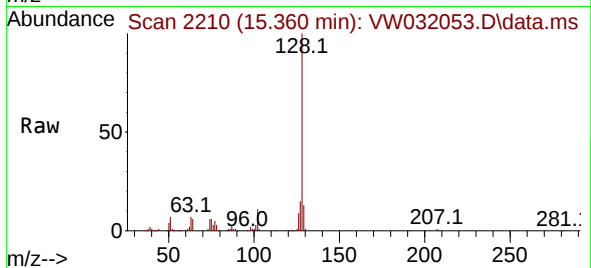
Tgt Ion:128 Resp: 76287

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 10.9 8.2 12.4



#96

1,2,3-Trichlorobenzene

Concen: 9.660 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Tgt Ion:180 Resp: 28678

Ion Ratio Lower Upper

180 100

182 91.5 46.0 138.0

145 37.6 19.2 57.6

