

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092325\  
 Data File : VW032237.D  
 Acq On : 23 Sep 2025 12:05  
 Operator : SY/MD  
 Sample : VW0923SBSD01  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0923SBSD01

Quant Time: Sep 24 03:46:29 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W082625S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 27 04:13:40 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon           | Response | Conc       | Units  | Dev(Min) |
|------------------------------|--------|----------------|----------|------------|--------|----------|
| -----                        |        |                |          |            |        |          |
| Internal Standards           |        |                |          |            |        |          |
| 1) Pentafluorobenzene        | 7.959  | 168            | 179711   | 50.000     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.856  | 114            | 326020   | 50.000     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.629 | 117            | 307968   | 50.000     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.556 | 152            | 157299   | 50.000     | ug/l   | 0.00     |
| System Monitoring Compounds  |        |                |          |            |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.319  | 65             | 138429   | 53.861     | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range 63 - 155 | Recovery | = 107.720% |        |          |
| 35) Dibromofluoromethane     | 7.898  | 113            | 113647   | 49.685     | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range 70 - 134 | Recovery | = 99.380%  |        |          |
| 50) Toluene-d8               | 10.331 | 98             | 395884   | 49.303     | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range 74 - 123 | Recovery | = 98.600%  |        |          |
| 62) 4-Bromofluorobenzene     | 12.617 | 95             | 146370   | 49.296     | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range 17 - 146 | Recovery | = 98.600%  |        |          |
| Target Compounds             |        |                |          |            |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.046  | 85             | 26178    | 22.063     | ug/l   | 99       |
| 3) Chloromethane             | 2.259  | 50             | 30667    | 24.652     | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.405  | 62             | 40493    | 25.061     | ug/l   | 99       |
| 5) Bromomethane              | 2.820  | 94             | 35415    | 24.544     | ug/l   | 91       |
| 6) Chloroethane              | 2.966  | 64             | 30366    | 26.686     | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 3.308  | 101            | 42464    | 26.524     | ug/l   | 96       |
| 8) Diethyl Ether             | 3.722  | 74             | 28177    | 23.584     | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 4.100  | 101            | 46853    | 25.979     | ug/l   | 97       |
| 10) Methyl Iodide            | 4.314  | 142            | 58726    | 21.385     | ug/l   | 98       |
| 11) Tert butyl alcohol       | 5.216  | 59             | 18001    | 114.505    | ug/l # | 87       |
| 12) 1,1-Dichloroethene       | 4.082  | 96             | 48498    | 25.534     | ug/l   | 97       |
| 13) Acrolein                 | 3.930  | 56             | 10963    | 45.367     | ug/l   | 95       |
| 14) Allyl chloride           | 4.704  | 41             | 59160    | 21.928     | ug/l   | 96       |
| 15) Acrylonitrile            | 5.399  | 53             | 64765    | 111.498    | ug/l   | 99       |
| 16) Acetone                  | 4.161  | 43             | 92883    | 166.873    | ug/l   | 100      |
| 17) Carbon Disulfide         | 4.423  | 76             | 100066   | 21.065     | ug/l   | 98       |
| 18) Methyl Acetate           | 4.716  | 43             | 36830    | 20.767     | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 5.466  | 73             | 79858    | 22.266     | ug/l   | 98       |
| 20) Methylene Chloride       | 4.954  | 84             | 56202    | 22.151     | ug/l   | 98       |
| 21) trans-1,2-Dichloroethene | 5.466  | 96             | 46852    | 22.082     | ug/l   | 82       |
| 22) Diisopropyl ether        | 6.344  | 45             | 133387   | 22.716     | ug/l   | 94       |
| 23) Vinyl Acetate            | 6.289  | 43             | 461446   | 115.587    | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 6.246  | 63             | 85951    | 22.359     | ug/l   | 99       |
| 25) 2-Butanone               | 7.197  | 43             | 97651    | 123.807    | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 7.185  | 77             | 47711    | 23.437     | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 7.185  | 96             | 56246    | 21.785     | ug/l   | 98       |
| 28) Bromochloromethane       | 7.533  | 49             | 40380    | 22.947     | ug/l   | 100      |
| 29) Tetrahydrofuran          | 7.557  | 42             | 58260    | 116.238    | ug/l   | 97       |
| 30) Chloroform               | 7.697  | 83             | 99974    | 22.779     | ug/l   | 95       |
| 31) Cyclohexane              | 7.972  | 56             | 68272    | 21.638     | ug/l   | 95       |
| 32) 1,1,1-Trichloroethane    | 7.892  | 97             | 72098    | 22.503     | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 8.093  | 75             | 62435    | 21.052     | ug/l   | 98       |
| 37) Ethyl Acetate            | 7.277  | 43             | 38044    | 21.384     | ug/l   | 97       |
| 38) Carbon Tetrachloride     | 8.087  | 117            | 66608    | 20.951     | ug/l   | 96       |
| 39) Methylcyclohexane        | 9.343  | 83             | 69368    | 19.748     | ug/l   | 97       |
| 40) Benzene                  | 8.337  | 78             | 193100   | 21.064     | ug/l   | 98       |

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 Sample : VW0923SBSD01  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0923SBSD01

Quant Time: Sep 24 03:46:29 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W082625S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 27 04:13:40 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.502  | 41   | 19067    | 19.290  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 8.417  | 62   | 69988    | 22.023  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.441  | 43   | 71552    | 21.438  | ug/l   | 100      |
| 44) Trichloroethene           | 9.105  | 130  | 47075    | 20.419  | ug/l   | 92       |
| 45) 1,2-Dichloropropane       | 9.374  | 63   | 48801    | 22.083  | ug/l   | 98       |
| 46) Dibromomethane            | 9.465  | 93   | 33304    | 21.486  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.654  | 83   | 74602    | 21.179  | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.447  | 41   | 31824    | 20.690  | ug/l   | 95       |
| 49) 1,4-Dioxane               | 9.465  | 88   | 7608     | 406.241 | ug/l # | 82       |
| 51) 4-Methyl-2-Pentanone      | 10.215 | 43   | 209548   | 111.190 | ug/l   | 98       |
| 52) Toluene                   | 10.392 | 92   | 125535   | 20.955  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.611 | 75   | 65367    | 21.036  | ug/l   | 92       |
| 54) cis-1,3-Dichloropropene   | 10.081 | 75   | 74243    | 20.940  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.788 | 97   | 42948    | 21.308  | ug/l   | 94       |
| 56) Ethyl methacrylate        | 10.648 | 69   | 51676    | 20.054  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 10.934 | 76   | 71980    | 21.328  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.928  | 63   | 144602   | 105.134 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.971 | 43   | 153440   | 117.068 | ug/l   | 96       |
| 60) Dibromochloromethane      | 11.130 | 129  | 48771    | 19.997  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.233 | 107  | 42630    | 21.507  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.867 | 164  | 40070    | 19.769  | ug/l   | 90       |
| 65) Chlorobenzene             | 11.660 | 112  | 143552   | 20.479  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.733 | 131  | 46601    | 20.193  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.733 | 91   | 232445   | 20.239  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.837 | 106  | 180384   | 40.809  | ug/l   | 97       |
| 69) o-Xylene                  | 12.166 | 106  | 83041    | 19.861  | ug/l   | 99       |
| 70) Styrene                   | 12.178 | 104  | 151269   | 20.524  | ug/l   | 99       |
| 71) Bromoform                 | 12.349 | 173  | 26725    | 19.498  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.465 | 105  | 218579   | 20.454  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.270 | 43   | 64510    | 20.792  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.715 | 83   | 55460    | 21.838  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.763 | 75   | 67353    | 34.178  | ug/l   | 40       |
| 77) Bromobenzene              | 12.745 | 156  | 55174    | 20.247  | ug/l   | 95       |
| 78) n-propylbenzene           | 12.800 | 91   | 275518   | 21.236  | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 12.891 | 91   | 164621   | 20.750  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 187470   | 20.720  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.507 | 75   | 14689    | 20.069  | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 12.989 | 91   | 172761   | 20.343  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.202 | 119  | 160199   | 20.882  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 190741   | 20.377  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.379 | 105  | 238703   | 20.840  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.495 | 119  | 198120   | 20.340  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.495 | 146  | 112715   | 20.542  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 13.574 | 146  | 115479   | 20.997  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.818 | 91   | 191928   | 20.667  | ug/l   | 96       |
| 90) Hexachloroethane          | 14.086 | 117  | 35989    | 20.200  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 13.867 | 146  | 102171   | 21.032  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.476 | 75   | 9563     | 21.315  | ug/l   | 91       |
| 93) 1,2,4-Trichlorobenzene    | 15.129 | 180  | 61953    | 19.961  | ug/l   | 94       |
| 94) Hexachlorobutadiene       | 15.226 | 225  | 28912    | 18.782  | ug/l   | 96       |
| 95) Naphthalene               | 15.360 | 128  | 140073   | 19.941  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.543 | 180  | 59103    | 20.476  | ug/l   | 96       |

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Sample : VW0923SBSD01  
Misc : 5.00g/5mL/MSVOA\_W/SOIL  
ALS Vial : 7 Sample Multiplier: 1

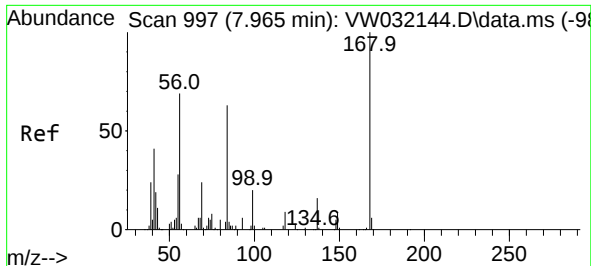
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0923SBSD01

Quant Time: Sep 24 03:46:29 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W082625S.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 27 04:13:40 2025  
Response via : Initial Calibration

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

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

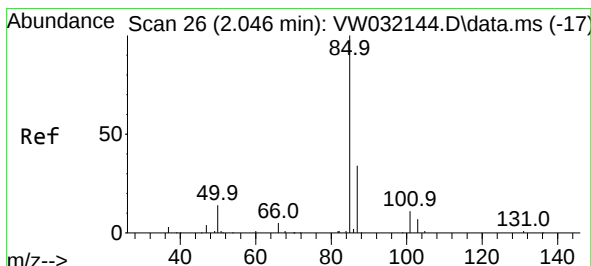
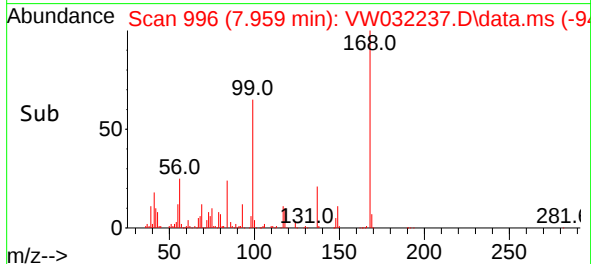
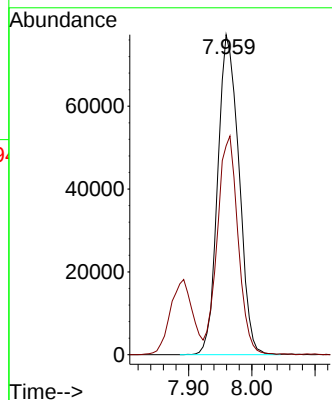
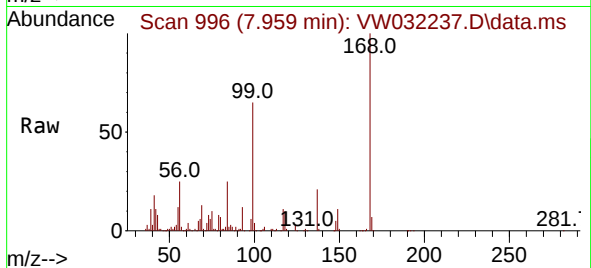




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.959 min Scan# 99  
Delta R.T. -0.006 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

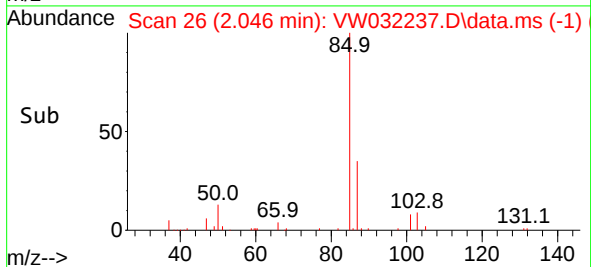
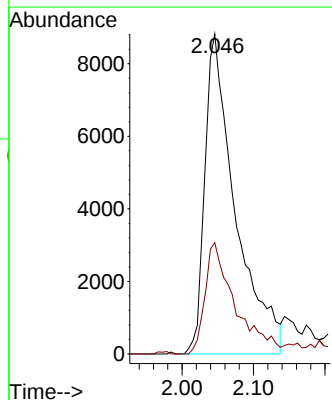
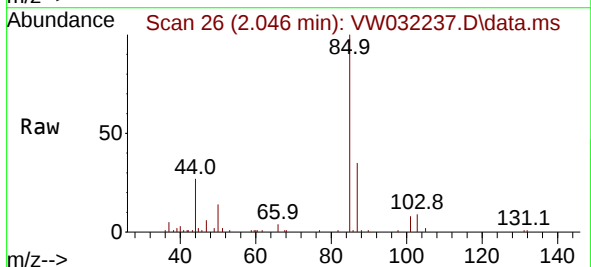
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MSVOA\_W  
ClientSampleId :  
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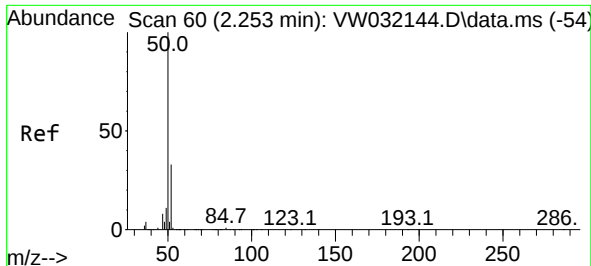
Tgt Ion:168 Resp: 179711  
Ion Ratio Lower Upper  
168 100  
99 65.0 49.3 73.9



#2  
Dichlorodifluoromethane  
Concen: 22.063 ug/l  
RT: 2.046 min Scan# 26  
Delta R.T. 0.000 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

Tgt Ion: 85 Resp: 26178  
Ion Ratio Lower Upper  
85 100  
87 34.8 17.2 51.6

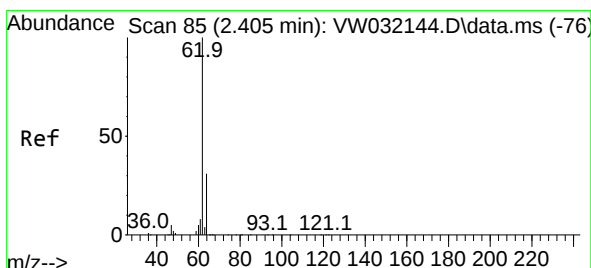
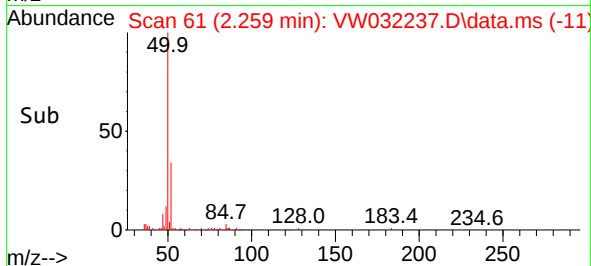
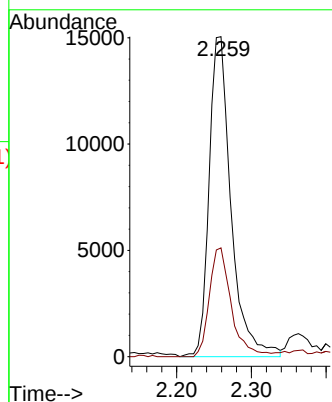
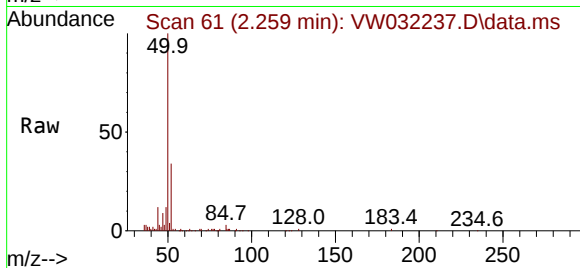




#3  
Chloromethane  
Concen: 24.652 ug/l  
RT: 2.259 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

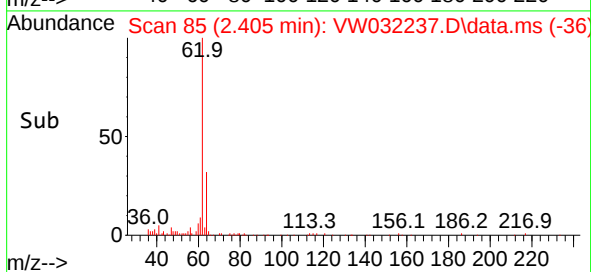
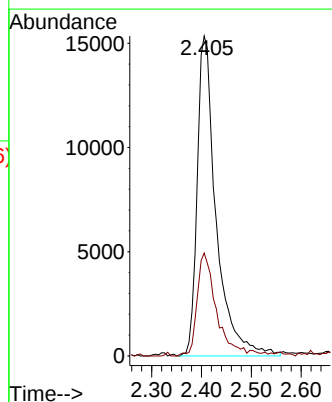
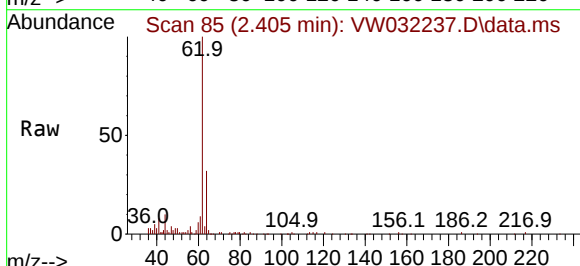
Instrument :  
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ClientSampleId :  
VW0923SBSD01

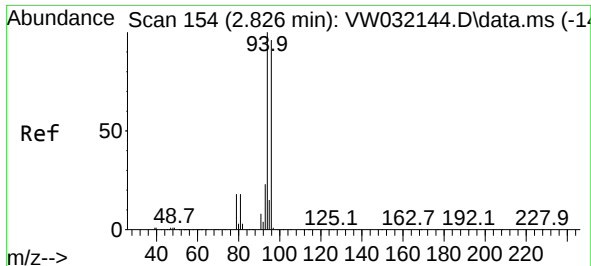
Tgt Ion: 50 Resp: 30667  
Ion Ratio Lower Upper  
50 100  
52 33.6 26.1 39.1



#4  
Vinyl Chloride  
Concen: 25.061 ug/l  
RT: 2.405 min Scan# 85  
Delta R.T. 0.000 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

Tgt Ion: 62 Resp: 40493  
Ion Ratio Lower Upper  
62 100  
64 31.7 24.8 37.2

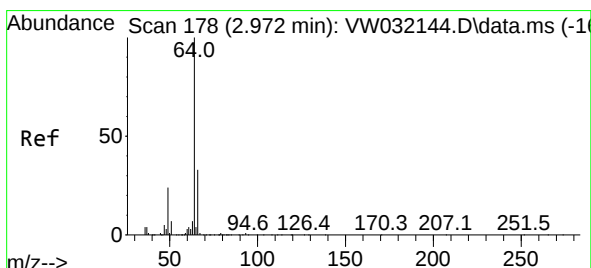
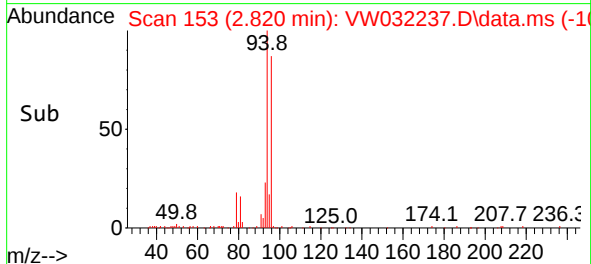
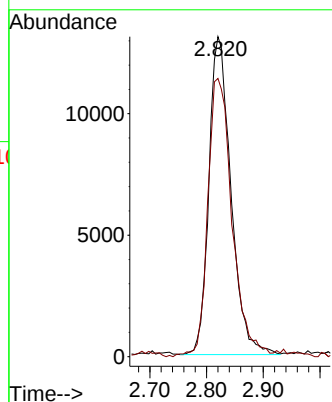
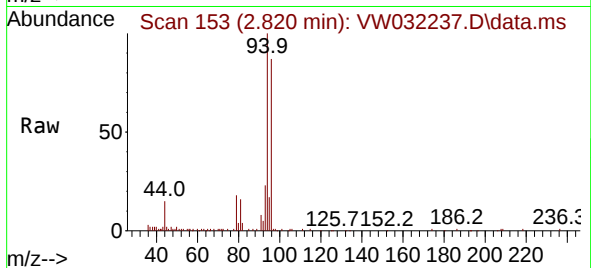




#5  
Bromomethane  
Concen: 24.544 ug/l  
RT: 2.820 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

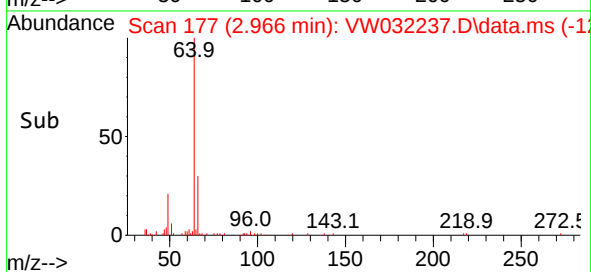
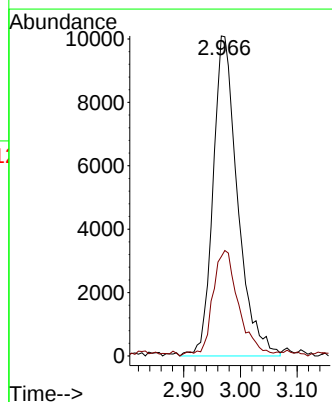
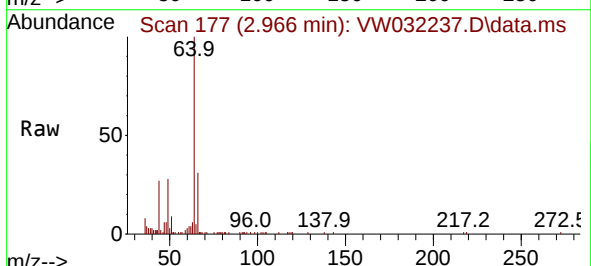
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0923SBSD01

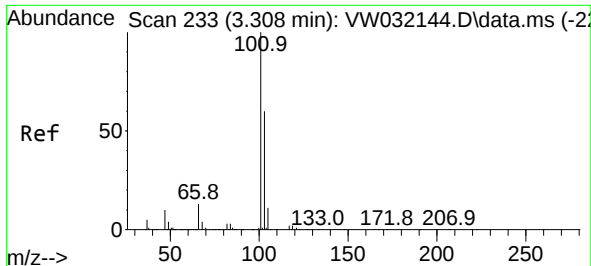
Tgt Ion: 94 Resp: 35415  
Ion Ratio Lower Upper  
94 100  
96 86.6 76.6 115.0



#6  
Chloroethane  
Concen: 26.686 ug/l  
RT: 2.966 min Scan# 177  
Delta R.T. -0.006 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

Tgt Ion: 64 Resp: 30366  
Ion Ratio Lower Upper  
64 100  
66 31.0 26.2 39.4

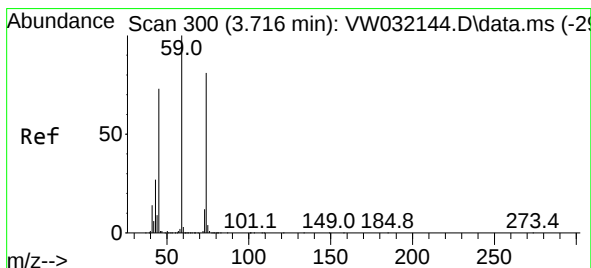
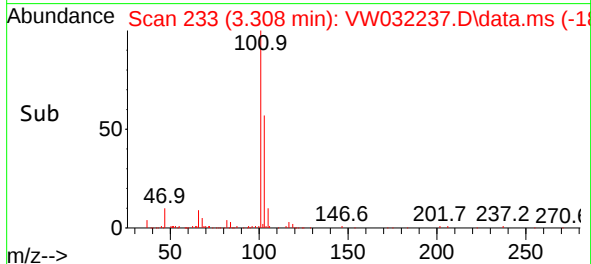
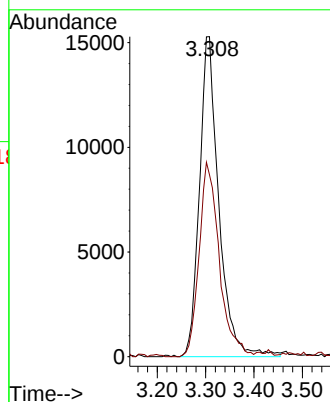
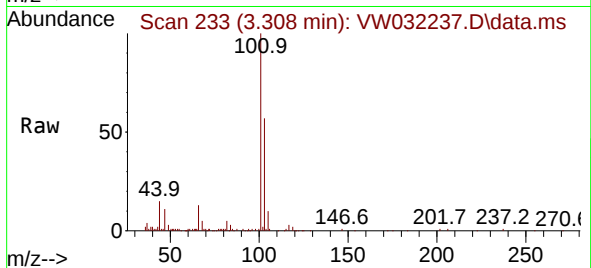




#7  
 Trichlorofluoromethane  
 Concen: 26.524 ug/l  
 RT: 3.308 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VW032237.D  
 Acq: 23 Sep 2025 12:05

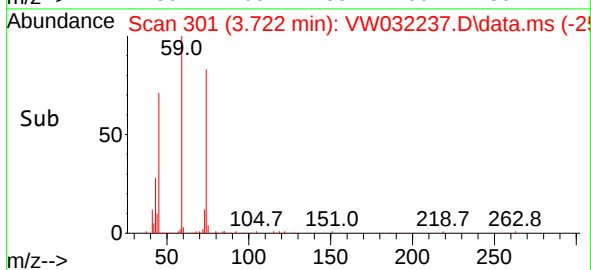
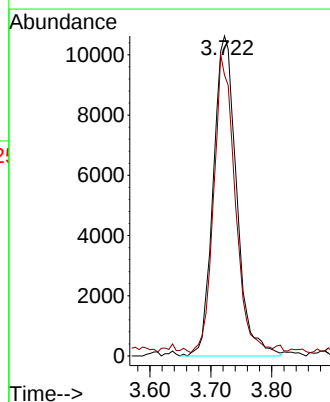
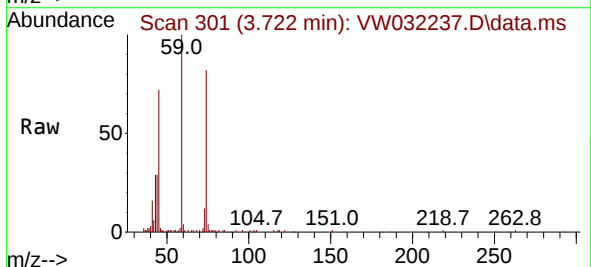
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0923SBSD01

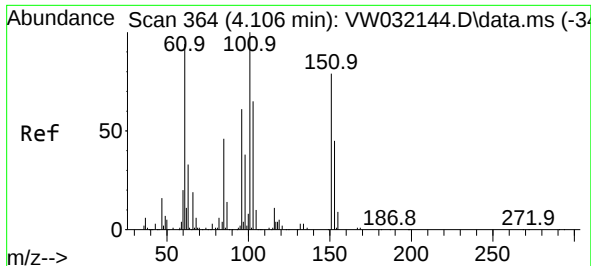
Tgt Ion:101 Resp: 42464  
 Ion Ratio Lower Upper  
 101 100  
 103 56.9 47.8 71.8



#8  
 Diethyl Ether  
 Concen: 23.584 ug/l  
 RT: 3.722 min Scan# 301  
 Delta R.T. 0.006 min  
 Lab File: VW032237.D  
 Acq: 23 Sep 2025 12:05

Tgt Ion: 74 Resp: 28177  
 Ion Ratio Lower Upper  
 74 100  
 45 85.3 43.1 129.4

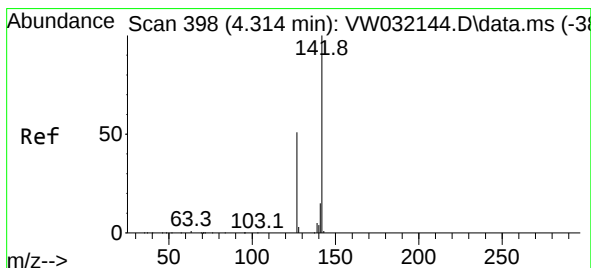
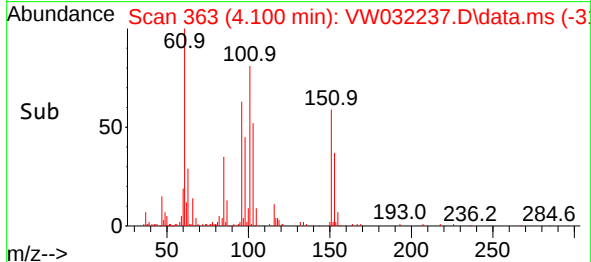
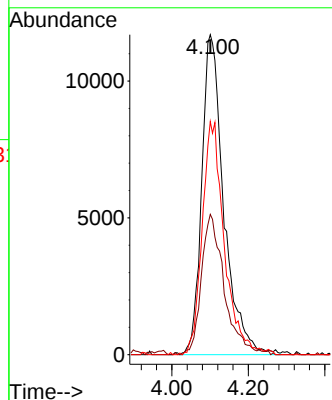
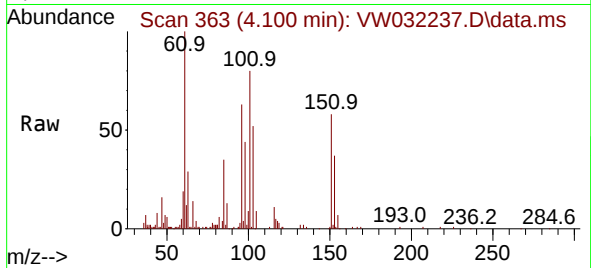




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 25.979 ug/l  
RT: 4.100 min Scan# 364  
Delta R.T. -0.006 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

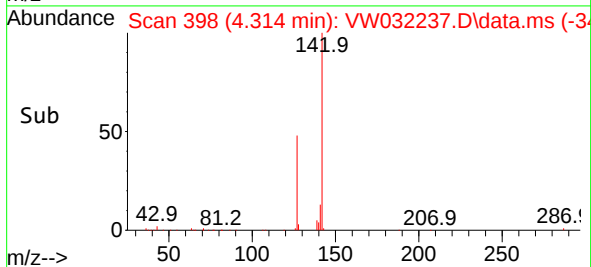
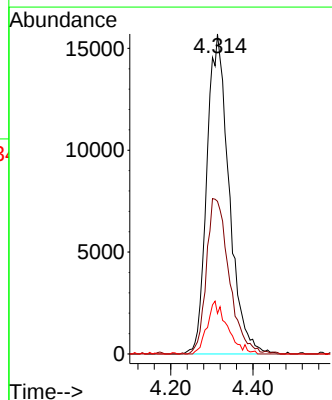
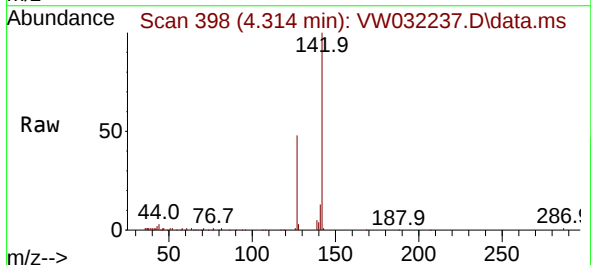
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0923SBSD01

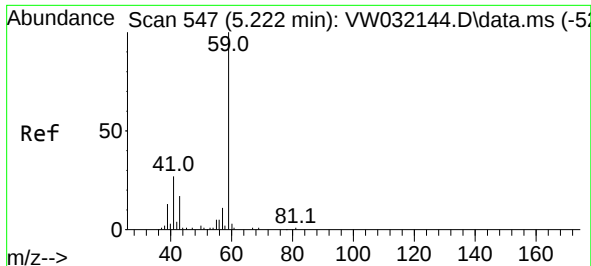
Tgt Ion:101 Resp: 46853  
Ion Ratio Lower Upper  
101 100  
85 45.6 37.1 55.7  
151 73.0 61.5 92.3



#10  
Methyl Iodide  
Concen: 21.385 ug/l  
RT: 4.314 min Scan# 398  
Delta R.T. 0.000 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

Tgt Ion:142 Resp: 58726  
Ion Ratio Lower Upper  
142 100  
127 49.8 38.2 57.2  
141 15.1 12.2 18.2

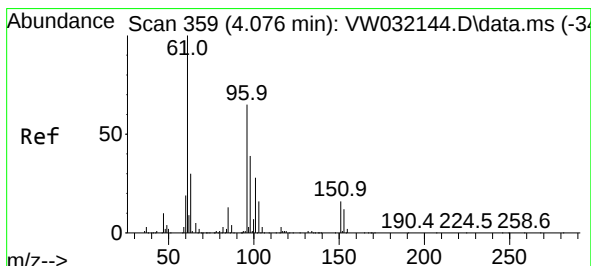
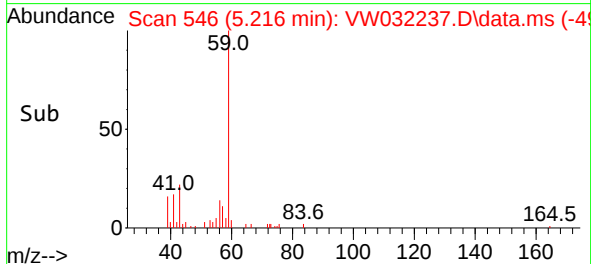
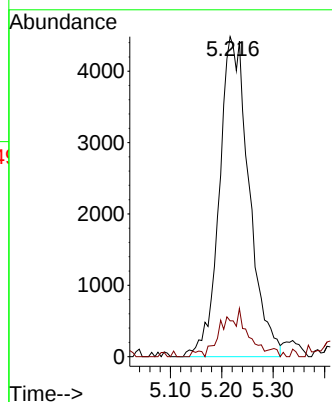
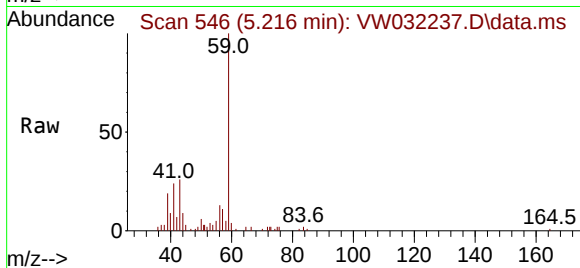




#11  
Tert butyl alcohol  
Concen: 114.505 ug/l  
RT: 5.216 min Scan# 54  
Delta R.T. -0.006 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

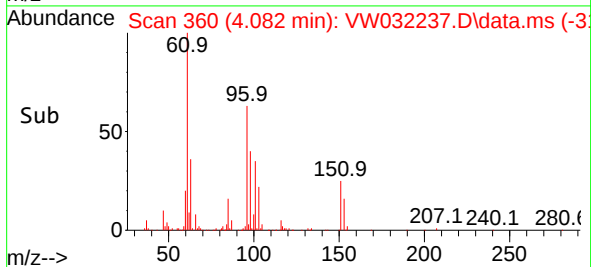
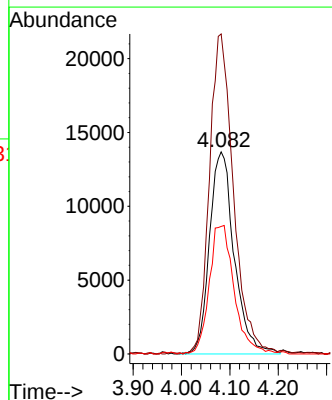
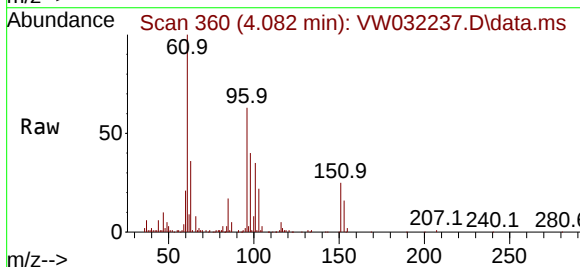
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0923SBSD01

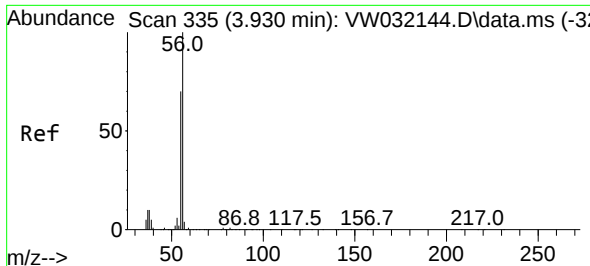
Tgt Ion: 59 Resp: 18001  
Ion Ratio Lower Upper  
59 100  
57 7.3 9.8 14.6#



#12  
1,1-Dichloroethene  
Concen: 25.534 ug/l  
RT: 4.082 min Scan# 360  
Delta R.T. 0.006 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

Tgt Ion: 96 Resp: 48498  
Ion Ratio Lower Upper  
96 100  
61 157.4 123.0 184.4  
98 62.6 48.5 72.7

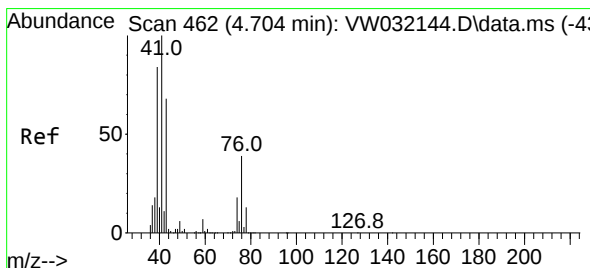
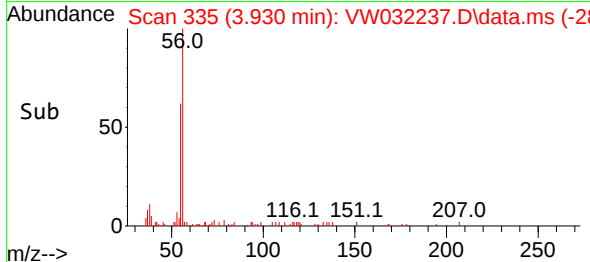
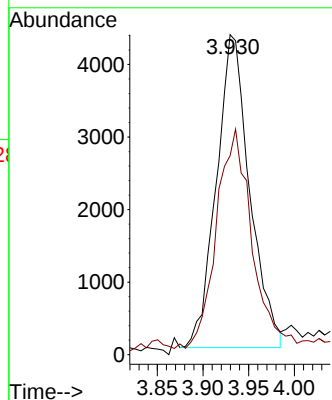
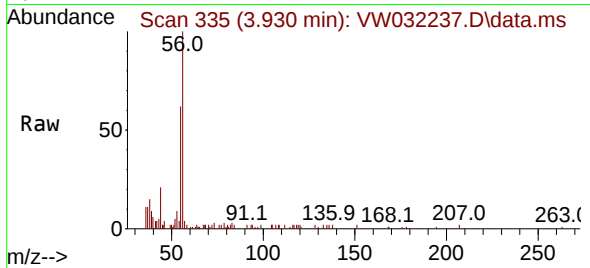




#13  
Acrolein  
Concen: 45.367 ug/l  
RT: 3.930 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

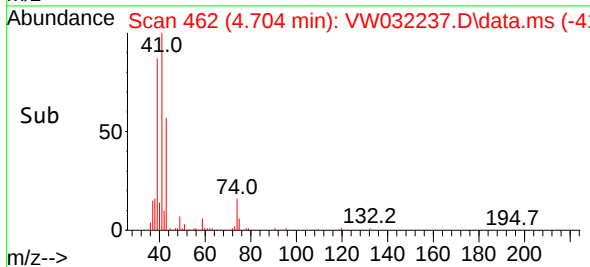
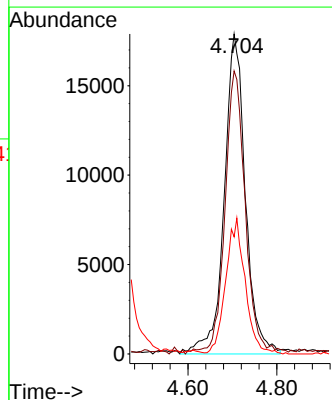
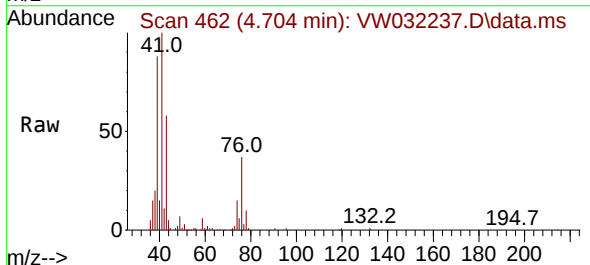
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0923SBSD01

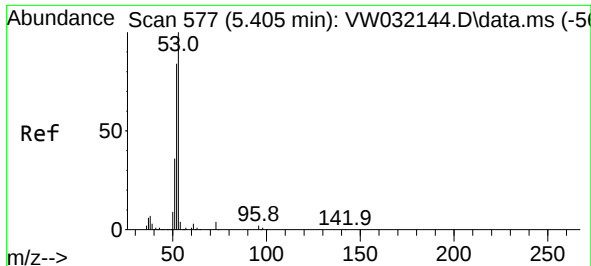
Tgt Ion: 56 Resp: 10963  
Ion Ratio Lower Upper  
56 100  
55 74.9 56.4 84.6



#14  
Allyl chloride  
Concen: 21.928 ug/l  
RT: 4.704 min Scan# 462  
Delta R.T. 0.000 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

Tgt Ion: 41 Resp: 59160  
Ion Ratio Lower Upper  
41 100  
39 85.3 64.1 96.1  
76 39.0 31.4 47.2

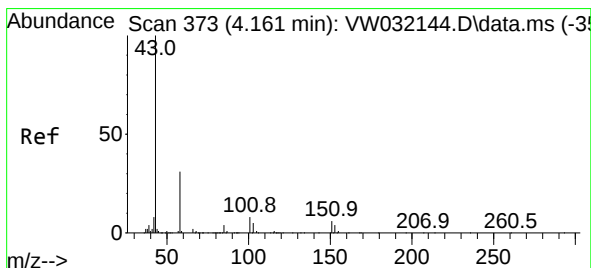
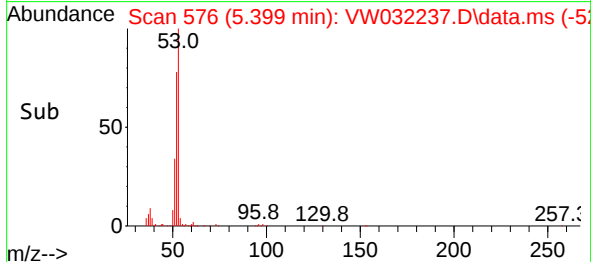
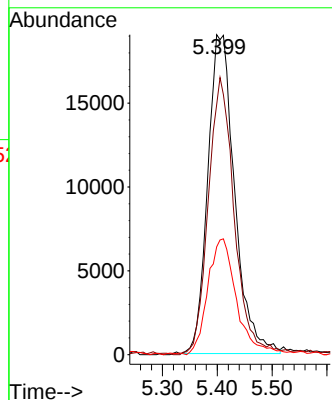
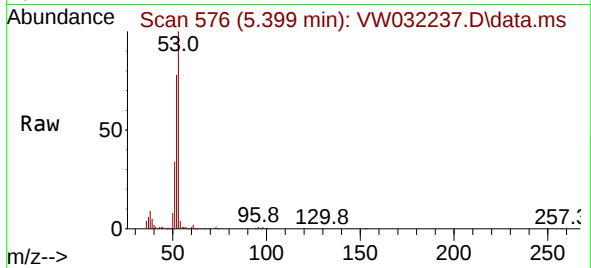




#15  
Acrylonitrile  
Concen: 111.498 ug/l  
RT: 5.399 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

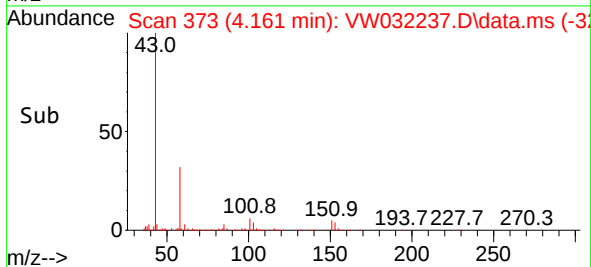
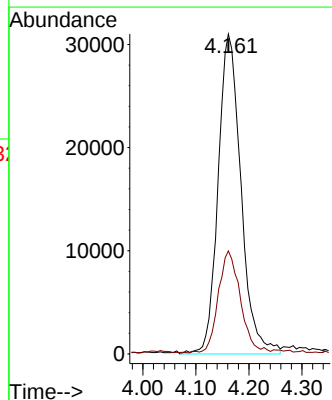
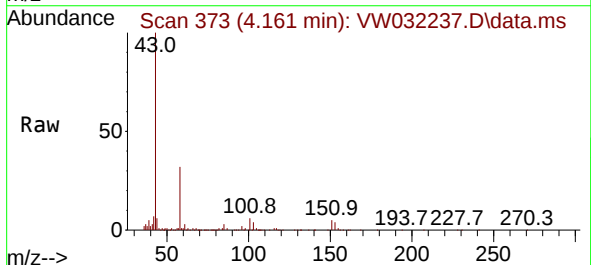
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0923SBSD01

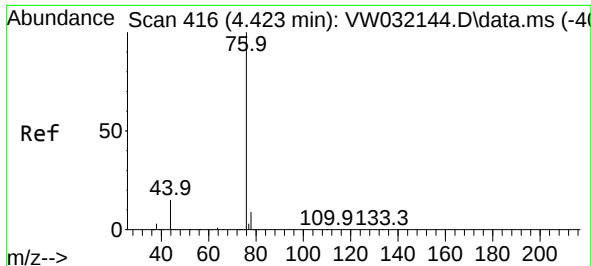
Tgt Ion: 53 Resp: 64765  
Ion Ratio Lower Upper  
53 100  
52 84.4 67.4 101.2  
51 39.0 30.3 45.5



#16  
Acetone  
Concen: 166.873 ug/l  
RT: 4.161 min Scan# 373  
Delta R.T. 0.000 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

Tgt Ion: 43 Resp: 92883  
Ion Ratio Lower Upper  
43 100  
58 31.8 25.3 37.9

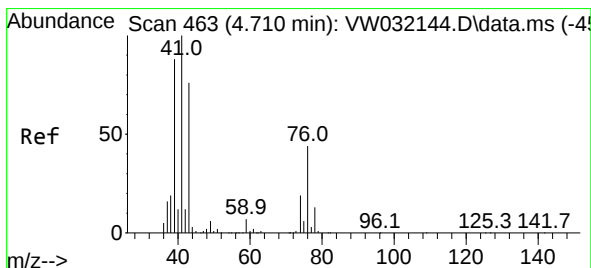
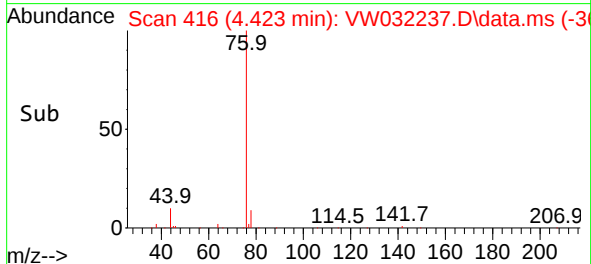
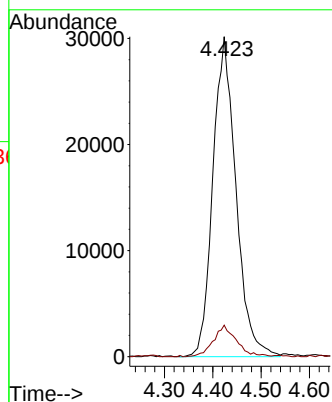
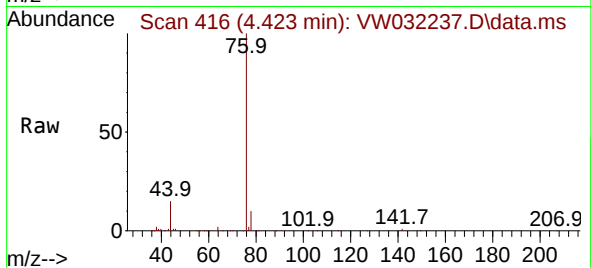




#17  
Carbon Disulfide  
Concen: 21.065 ug/l  
RT: 4.423 min Scan# 416  
Delta R.T. 0.000 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

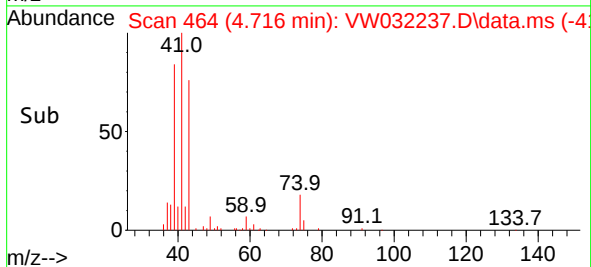
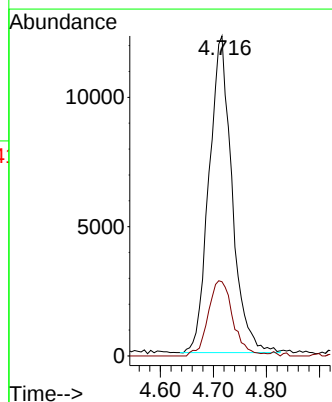
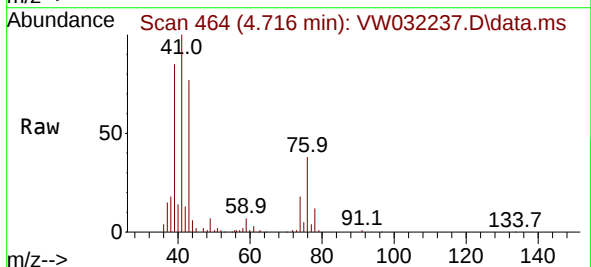
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0923SBSD01

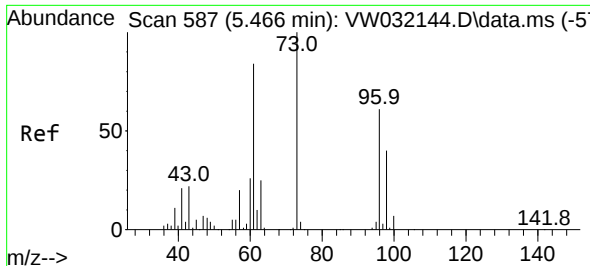
Tgt Ion: 76 Resp: 100066  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.0 10.6



#18  
Methyl Acetate  
Concen: 20.767 ug/l  
RT: 4.716 min Scan# 464  
Delta R.T. 0.006 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

Tgt Ion: 43 Resp: 36830  
Ion Ratio Lower Upper  
43 100  
74 25.8 20.2 30.4

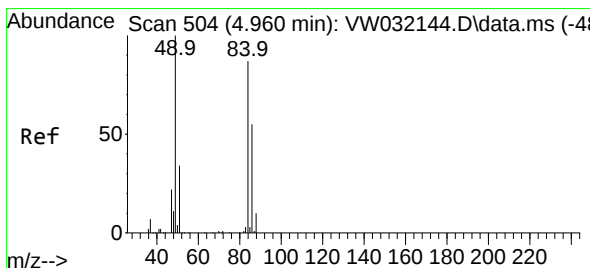
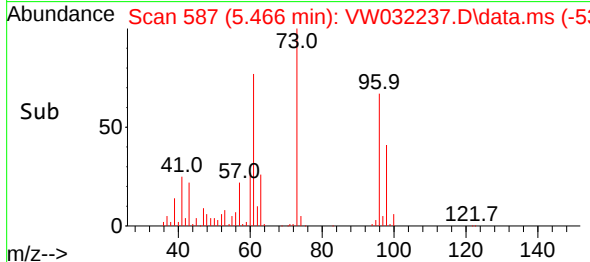
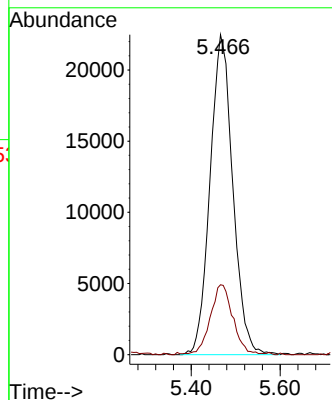
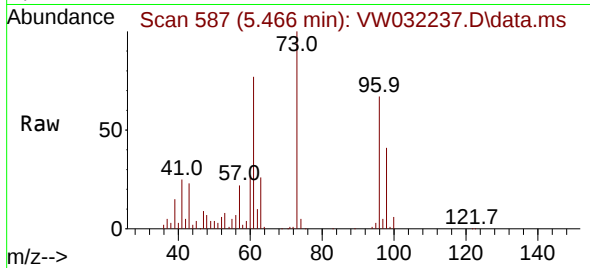




#19  
Methyl tert-butyl Ether  
Concen: 22.266 ug/l  
RT: 5.466 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

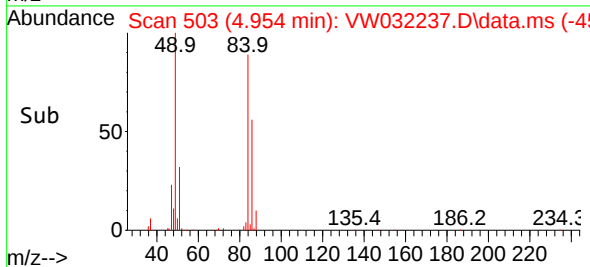
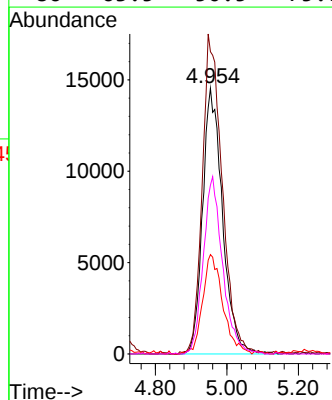
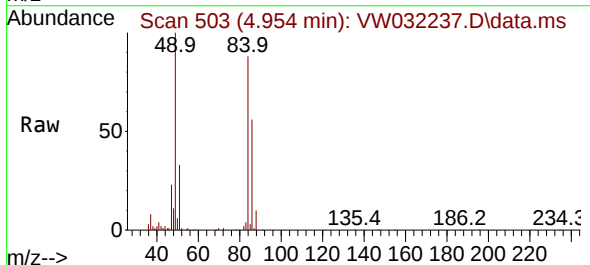
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0923SBSD01

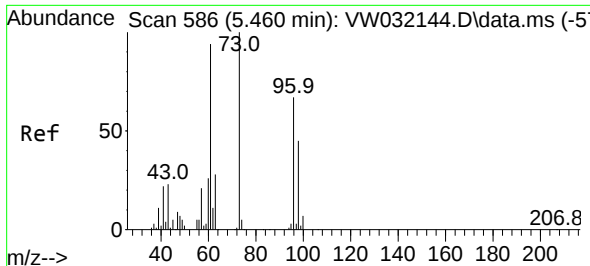
Tgt Ion: 73 Resp: 79858  
Ion Ratio Lower Upper  
73 100  
57 21.4 16.2 24.4



#20  
Methylene Chloride  
Concen: 22.151 ug/l  
RT: 4.954 min Scan# 503  
Delta R.T. -0.006 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

Tgt Ion: 84 Resp: 56202  
Ion Ratio Lower Upper  
84 100  
49 113.0 92.2 138.4  
51 37.4 31.0 46.6  
86 63.5 50.5 75.7

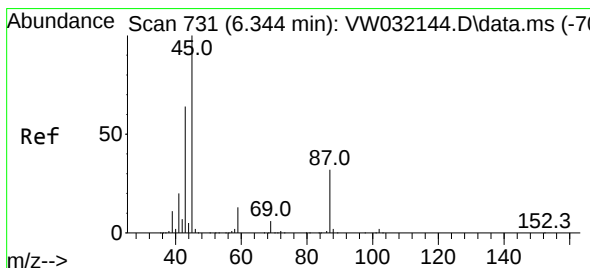
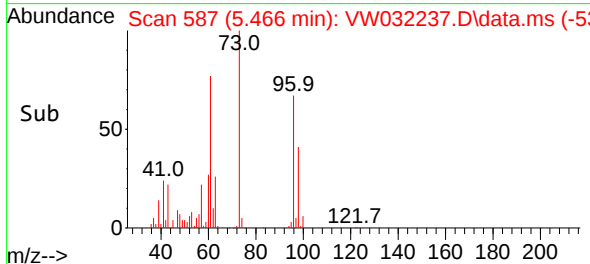
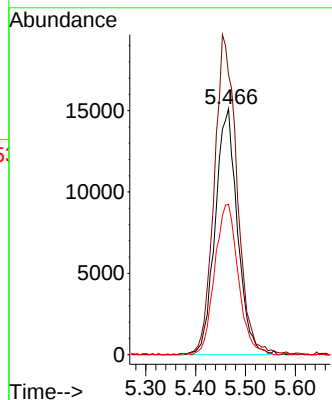
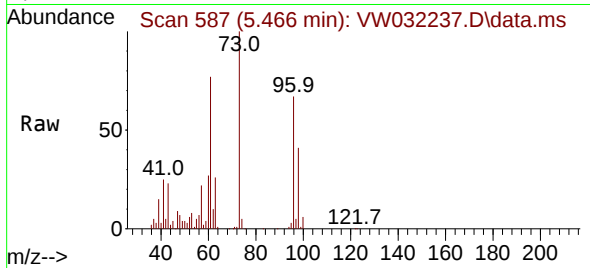




#21  
trans-1,2-Dichloroethene  
Concen: 22.082 ug/l  
RT: 5.466 min Scan# 586  
Delta R.T. 0.006 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

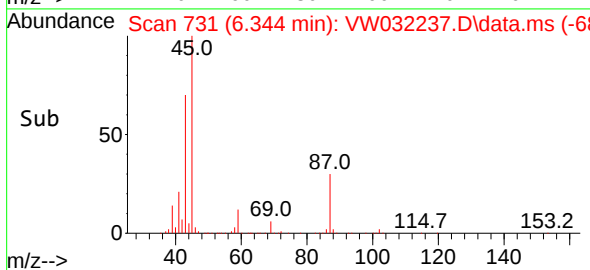
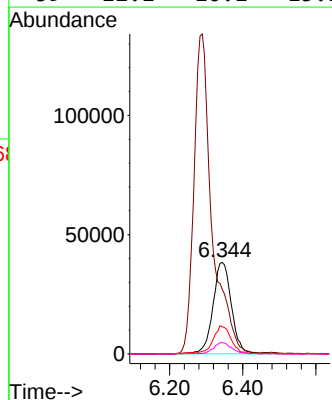
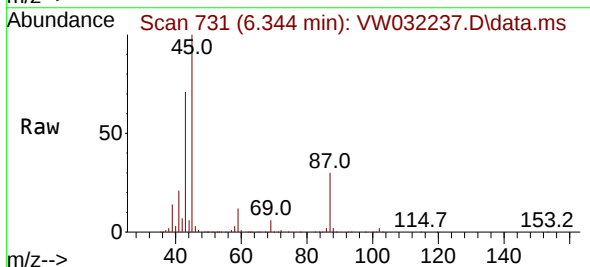
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0923SBSD01

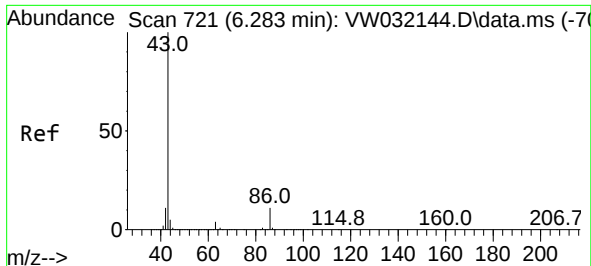
Tgt Ion: 96 Resp: 46852  
Ion Ratio Lower Upper  
96 100  
61 113.3 112.5 168.7  
98 61.2 54.2 81.4



#22  
Diisopropyl ether  
Concen: 22.716 ug/l  
RT: 6.344 min Scan# 731  
Delta R.T. 0.000 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

Tgt Ion: 45 Resp: 133387  
Ion Ratio Lower Upper  
45 100  
43 69.7 51.4 77.2  
87 29.8 25.9 38.9  
59 12.1 10.1 15.1

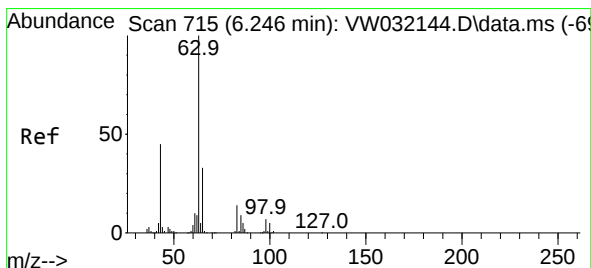
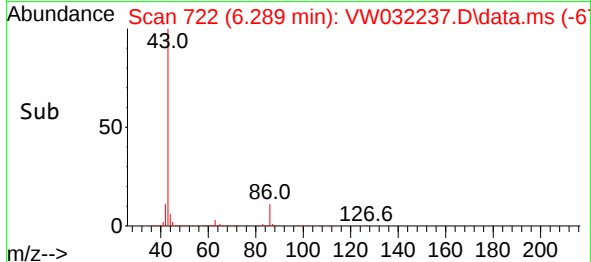
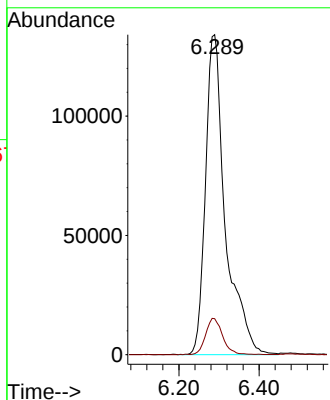
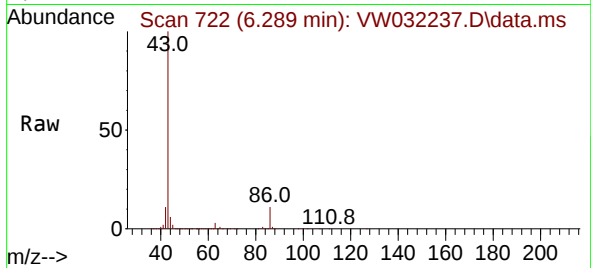




#23  
 Vinyl Acetate  
 Concen: 115.587 ug/l  
 RT: 6.289 min Scan# 715  
 Delta R.T. 0.006 min  
 Lab File: VW032237.D  
 Acq: 23 Sep 2025 12:05

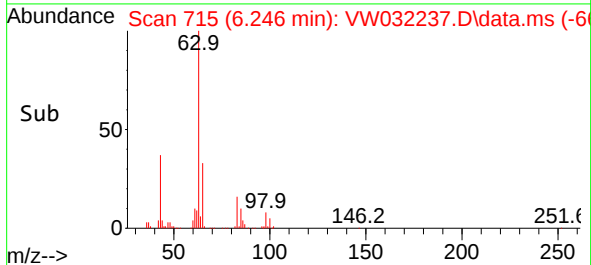
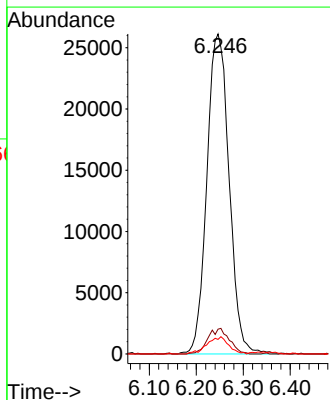
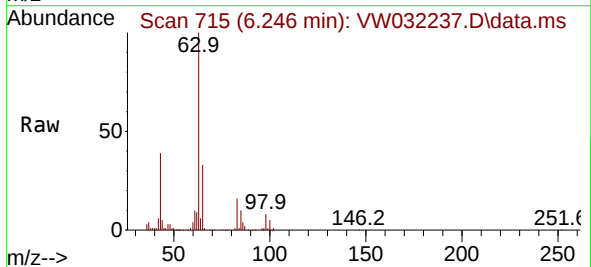
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0923SBSD01

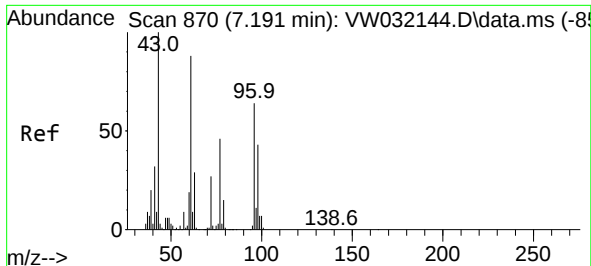
Tgt Ion: 43 Resp: 461446  
 Ion Ratio Lower Upper  
 43 100  
 86 11.2 8.8 13.2



#24  
 1,1-Dichloroethane  
 Concen: 22.359 ug/l  
 RT: 6.246 min Scan# 715  
 Delta R.T. 0.000 min  
 Lab File: VW032237.D  
 Acq: 23 Sep 2025 12:05

Tgt Ion: 63 Resp: 85951  
 Ion Ratio Lower Upper  
 63 100  
 98 7.7 3.8 11.2  
 100 4.6 2.5 7.5

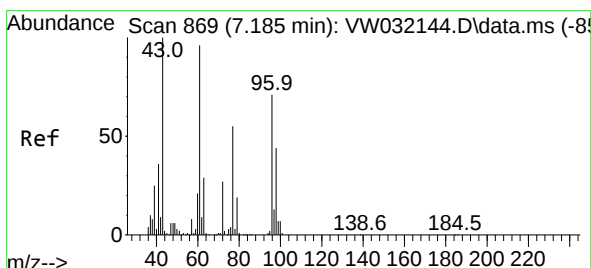
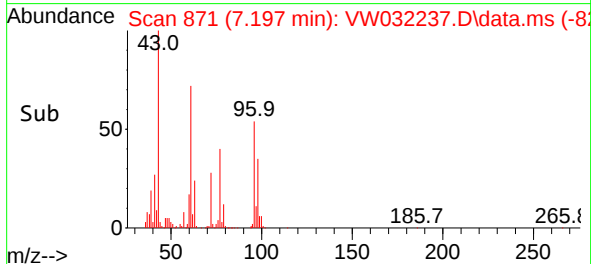
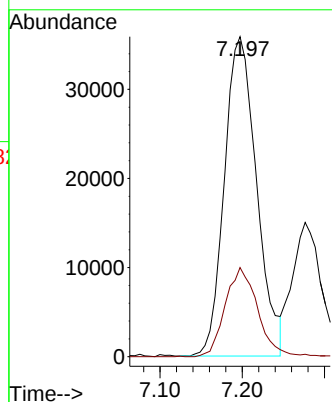
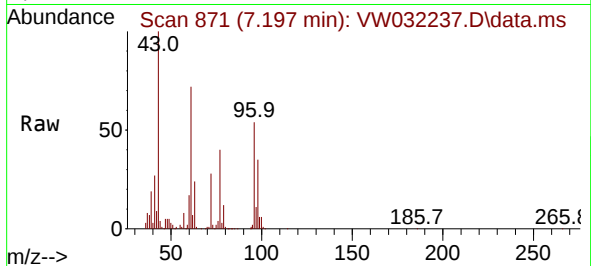




#25  
2-Butanone  
Concen: 123.807 ug/l  
RT: 7.197 min Scan# 871  
Delta R.T. 0.006 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

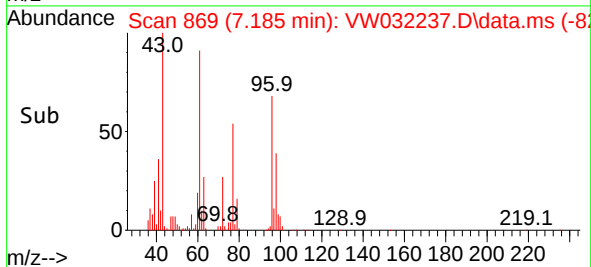
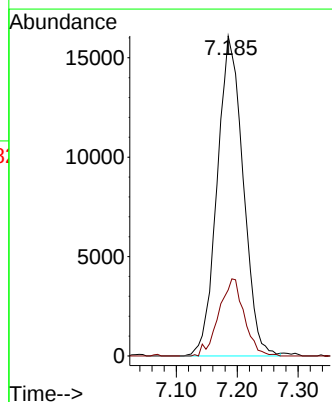
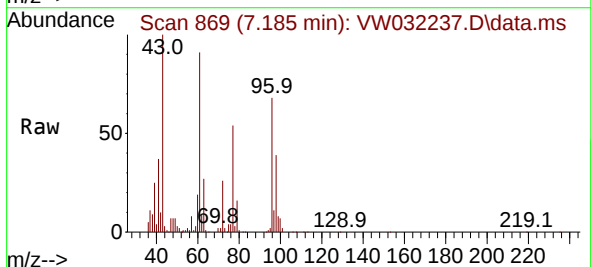
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0923SBSD01

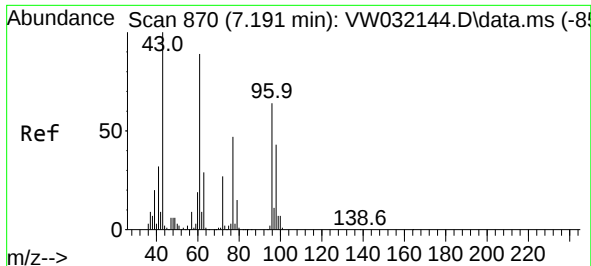
Tgt Ion: 43 Resp: 97651  
Ion Ratio Lower Upper  
43 100  
72 27.8 21.4 32.2



#26  
2,2-Dichloropropane  
Concen: 23.437 ug/l  
RT: 7.185 min Scan# 869  
Delta R.T. 0.000 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

Tgt Ion: 77 Resp: 47711  
Ion Ratio Lower Upper  
77 100  
97 23.5 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 21.785 ug/l

RT: 7.185 min Scan# 8

Delta R.T. -0.006 min

Lab File: VW032237.D

Acq: 23 Sep 2025 12:05

Instrument :

MSVOA\_W

ClientSampleId :

VW0923SBSD01

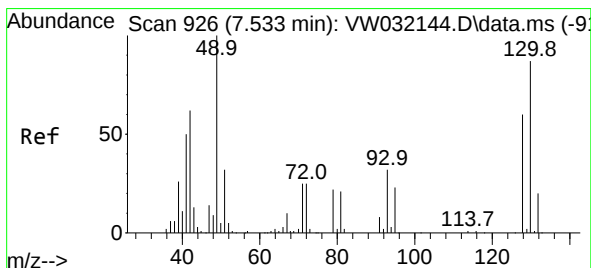
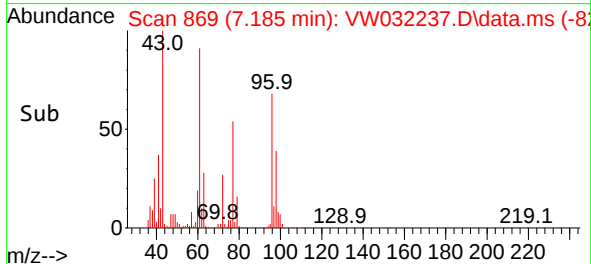
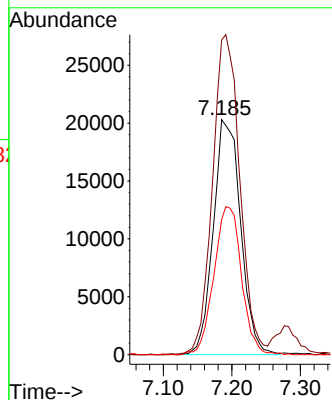
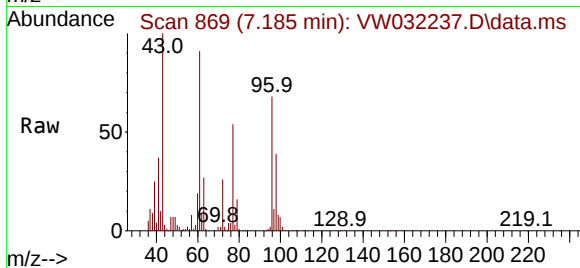
Tgt Ion: 96 Resp: 56246

Ion Ratio Lower Upper

96 100

61 136.3 0.0 268.0

98 63.4 0.0 130.8



#28

Bromochloromethane

Concen: 22.947 ug/l

RT: 7.533 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW032237.D

Acq: 23 Sep 2025 12:05

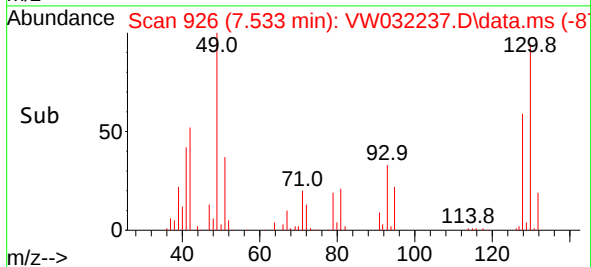
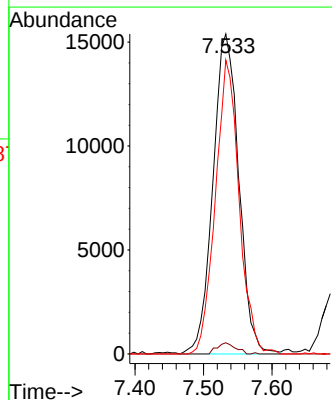
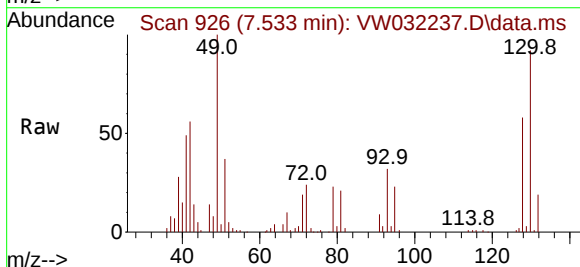
Tgt Ion: 49 Resp: 40380

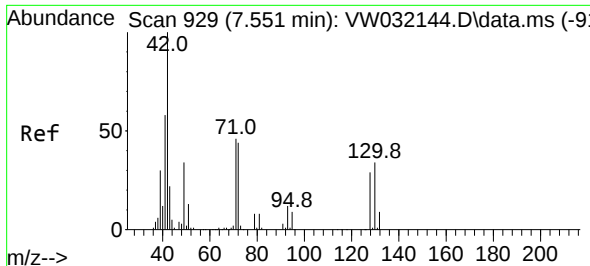
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.2

130 84.0 67.5 101.3

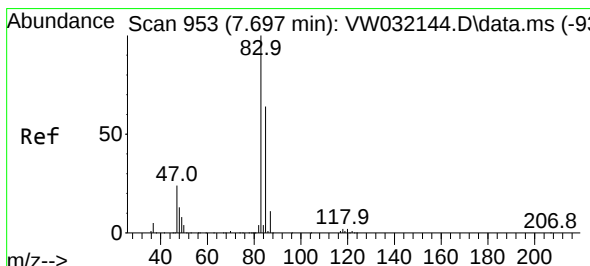
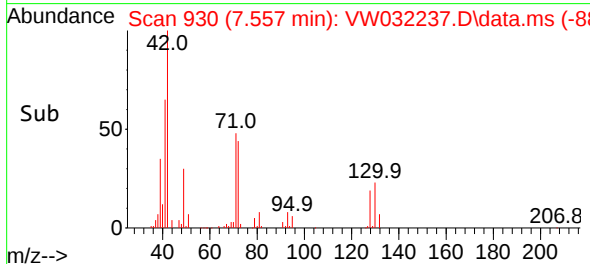
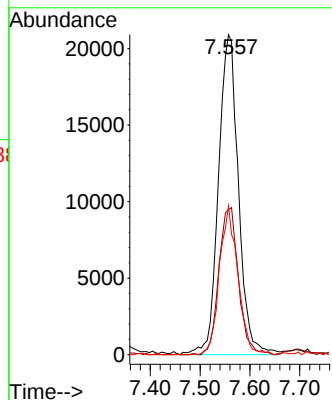
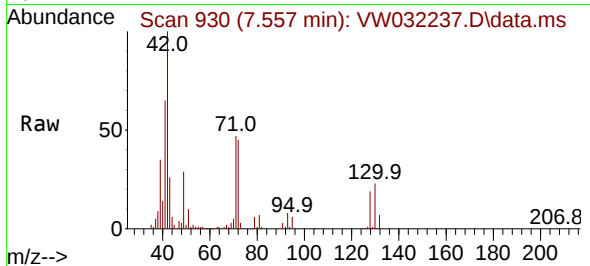




#29  
Tetrahydrofuran  
Concen: 116.238 ug/l  
RT: 7.557 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

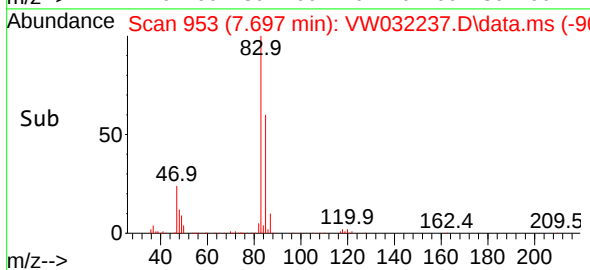
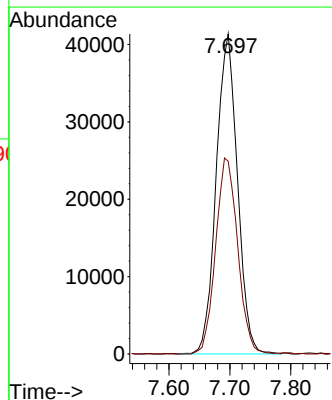
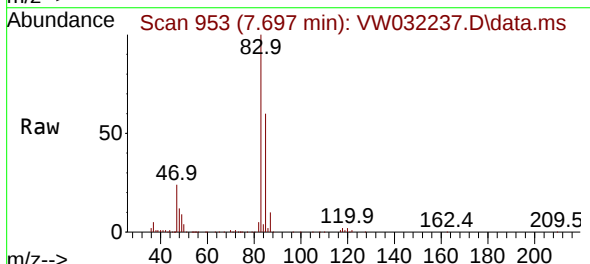
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0923SBSD01

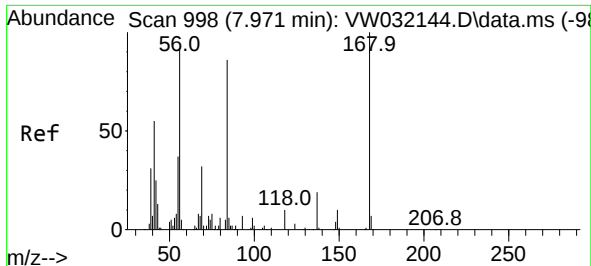
Tgt Ion: 42 Resp: 58260  
Ion Ratio Lower Upper  
42 100  
72 44.9 37.4 56.2  
71 42.8 36.0 54.0



#30  
Chloroform  
Concen: 22.779 ug/l  
RT: 7.697 min Scan# 953  
Delta R.T. 0.000 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

Tgt Ion: 83 Resp: 99974  
Ion Ratio Lower Upper  
83 100  
85 60.2 51.2 76.8

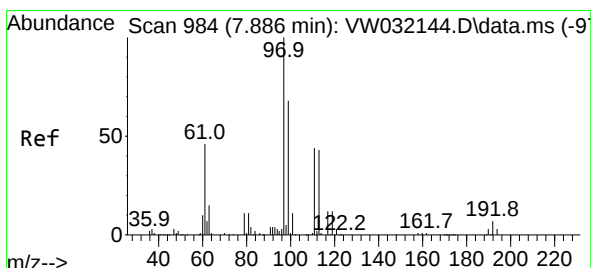
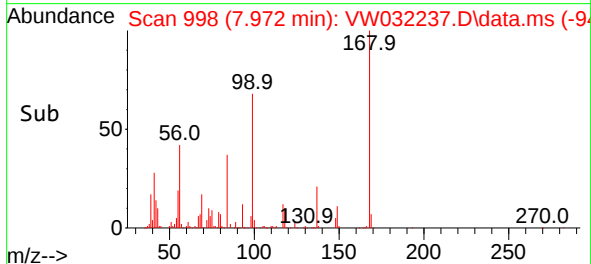
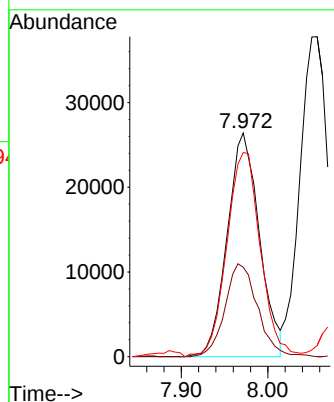
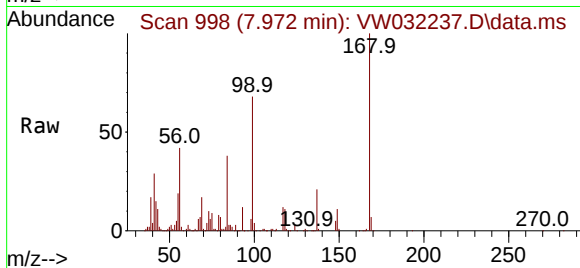




#31  
Cyclohexane  
Concen: 21.638 ug/l  
RT: 7.972 min Scan# 998  
Delta R.T. 0.000 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

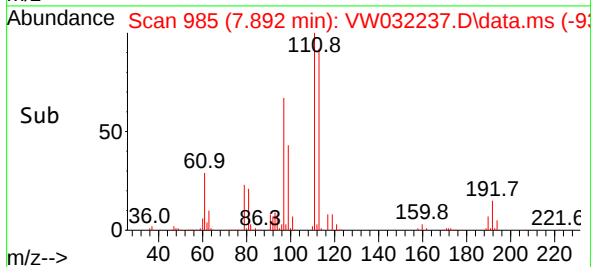
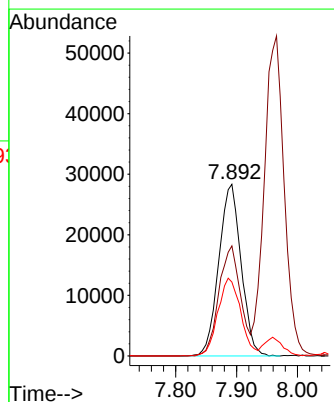
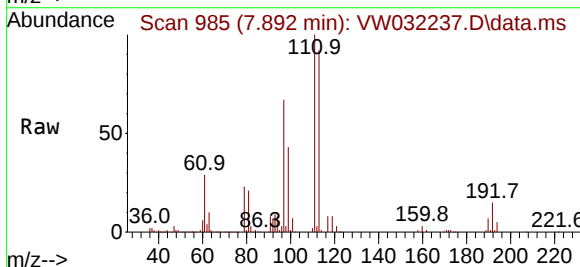
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0923SBSD01

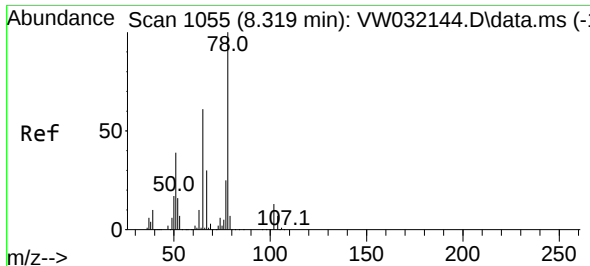
Tgt Ion: 56 Resp: 68272  
Ion Ratio Lower Upper  
56 100  
69 40.0 27.7 41.5  
84 89.5 74.6 112.0



#32  
1,1,1-Trichloroethane  
Concen: 22.503 ug/l  
RT: 7.892 min Scan# 985  
Delta R.T. 0.006 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

Tgt Ion: 97 Resp: 72098  
Ion Ratio Lower Upper  
97 100  
99 62.3 50.9 76.3  
61 46.4 36.2 54.4

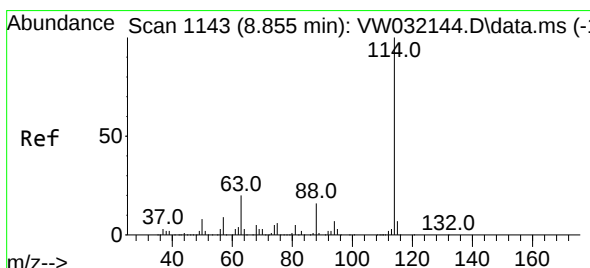
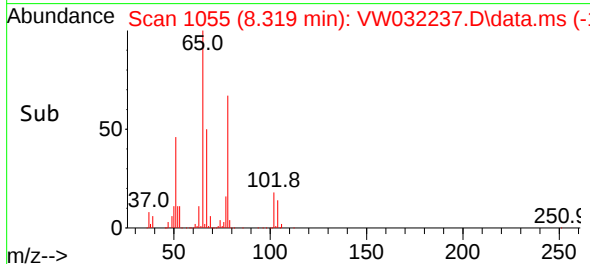
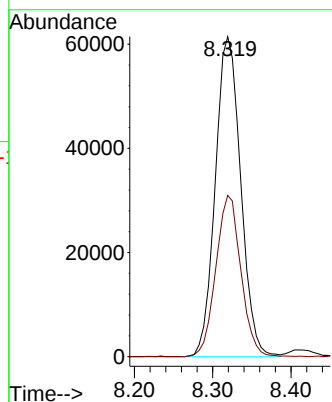
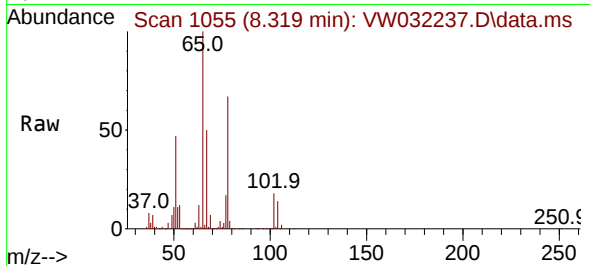




#33  
 1,2-Dichloroethane-d4  
 Concen: 53.861 ug/l  
 RT: 8.319 min Scan# 1055  
 Delta R.T. 0.000 min  
 Lab File: VW032237.D  
 Acq: 23 Sep 2025 12:05

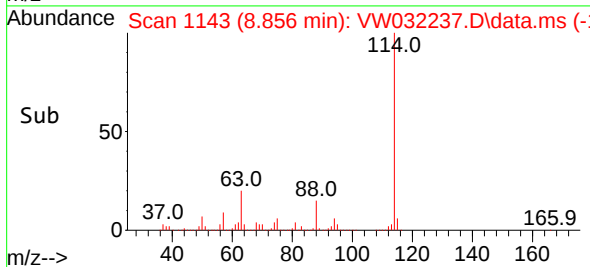
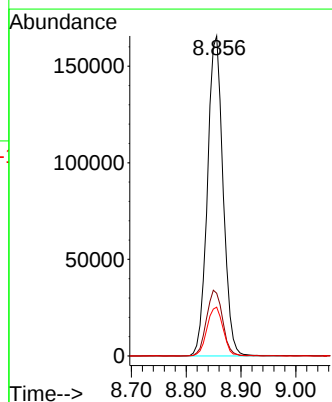
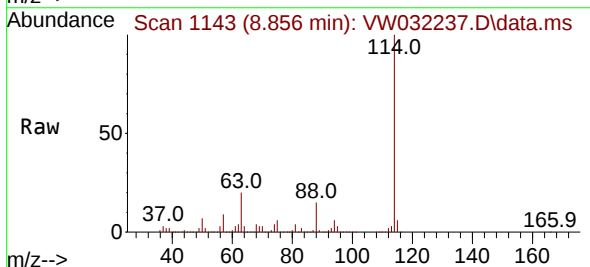
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0923SBSD01

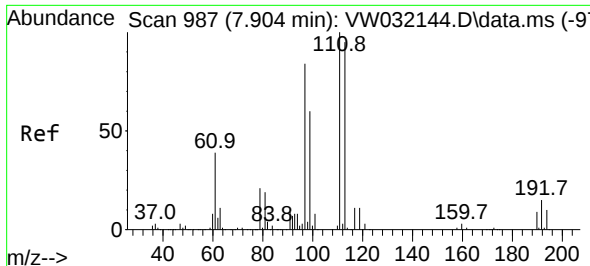
Tgt Ion: 65 Resp: 138429  
 Ion Ratio Lower Upper  
 65 100  
 67 49.7 0.0 99.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.856 min Scan# 1143  
 Delta R.T. 0.000 min  
 Lab File: VW032237.D  
 Acq: 23 Sep 2025 12:05

Tgt Ion: 114 Resp: 326020  
 Ion Ratio Lower Upper  
 114 100  
 63 19.6 0.0 40.4  
 88 15.2 0.0 32.0

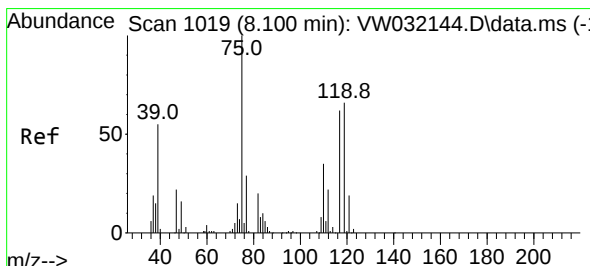
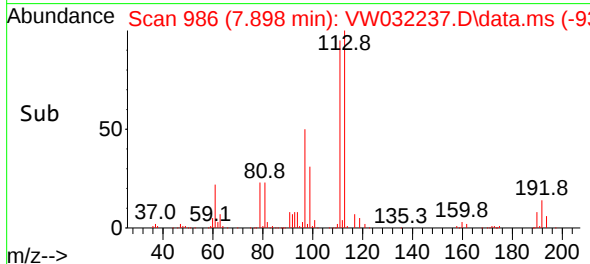
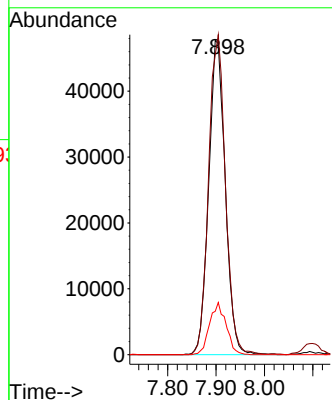
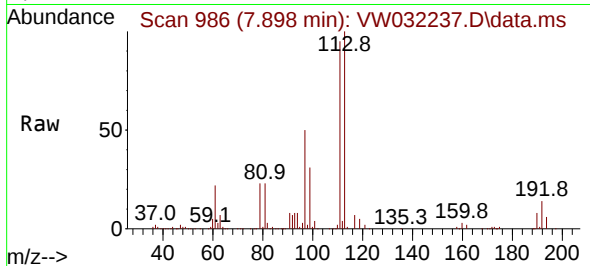




#35  
 Dibromofluoromethane  
 Concen: 49.685 ug/l  
 RT: 7.898 min Scan# 91  
 Delta R.T. -0.006 min  
 Lab File: VW032237.D  
 Acq: 23 Sep 2025 12:05

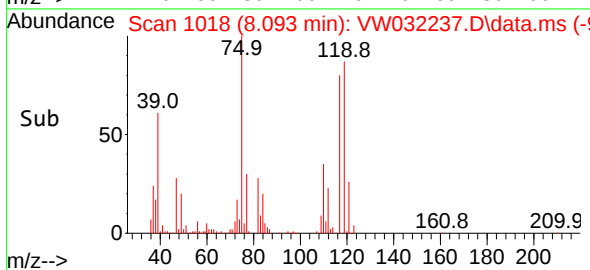
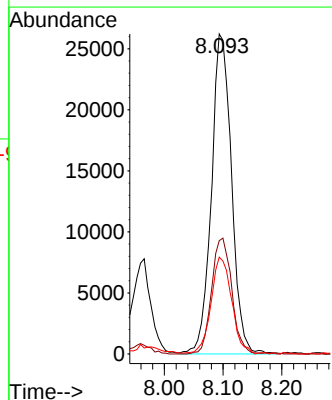
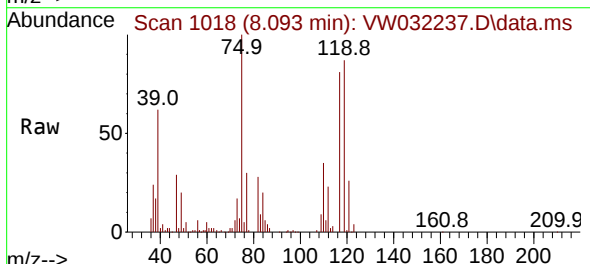
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0923SBS01

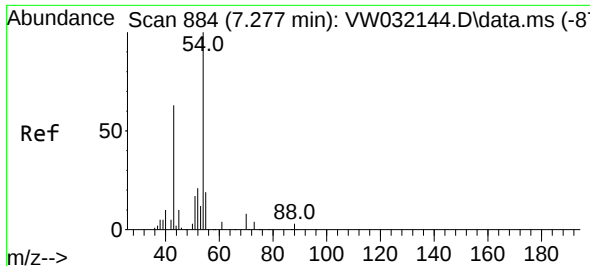
Tgt Ion:113 Resp: 113647  
 Ion Ratio Lower Upper  
 113 100  
 111 103.4 83.9 125.9  
 192 16.6 14.6 21.8



#36  
 1,1-Dichloropropene  
 Concen: 21.052 ug/l  
 RT: 8.093 min Scan# 1018  
 Delta R.T. -0.006 min  
 Lab File: VW032237.D  
 Acq: 23 Sep 2025 12:05

Tgt Ion: 75 Resp: 62435  
 Ion Ratio Lower Upper  
 75 100  
 110 36.2 17.5 52.5  
 77 31.0 24.1 36.1

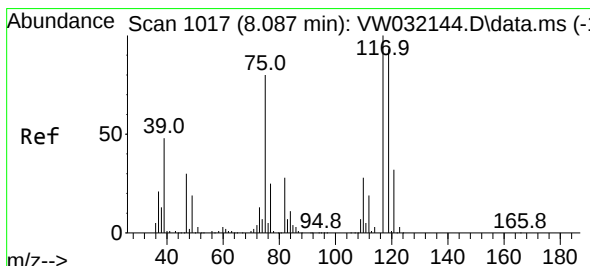
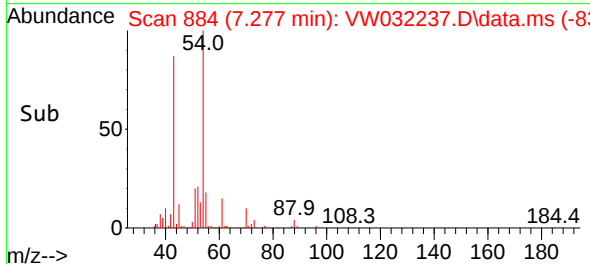
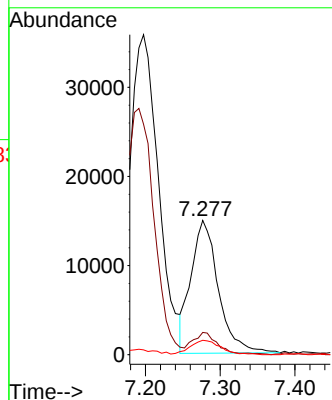
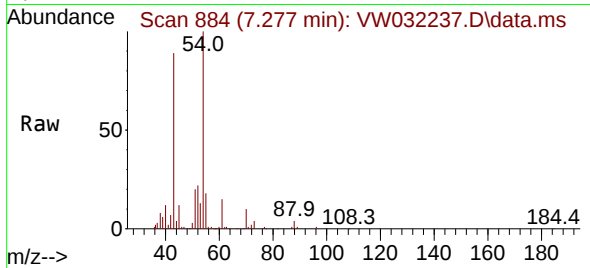




#37  
Ethyl Acetate  
Concen: 21.384 ug/l  
RT: 7.277 min Scan# 884  
Delta R.T. 0.000 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

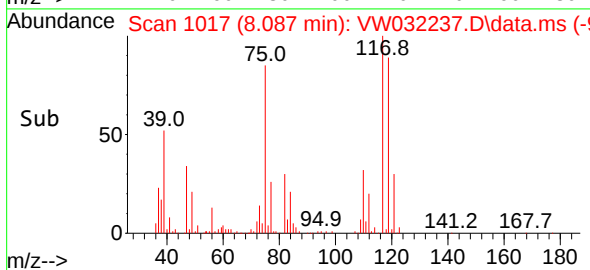
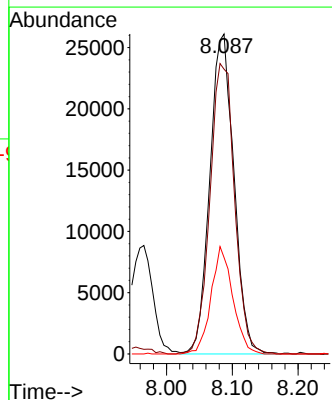
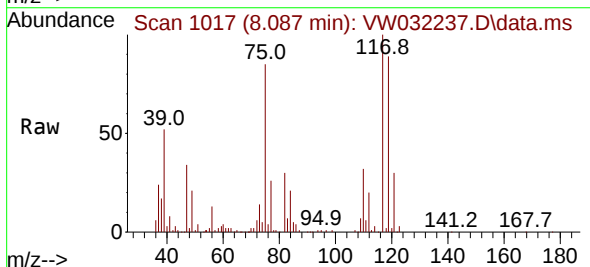
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0923SBSD01

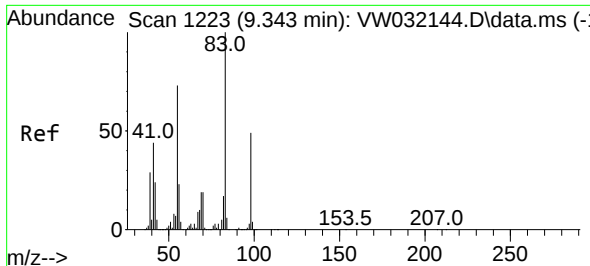
Tgt Ion: 43 Resp: 38044  
Ion Ratio Lower Upper  
43 100  
61 15.4 11.3 16.9  
70 12.0 8.9 13.3



#38  
Carbon Tetrachloride  
Concen: 20.951 ug/l  
RT: 8.087 min Scan# 1017  
Delta R.T. 0.000 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

Tgt Ion: 117 Resp: 66608  
Ion Ratio Lower Upper  
117 100  
119 89.0 74.2 111.2  
121 30.1 25.6 38.4





#39

Methylcyclohexane

Concen: 19.748 ug/l

RT: 9.343 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032237.D

Acq: 23 Sep 2025 12:05

Instrument :

MSVOA\_W

ClientSampleId :

VW0923SBSD01

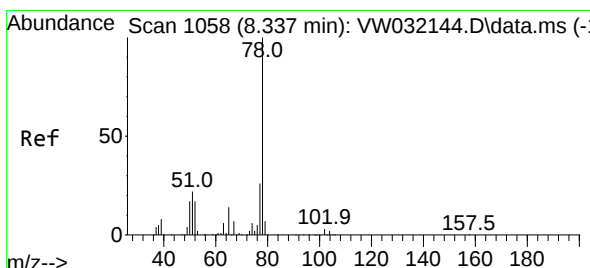
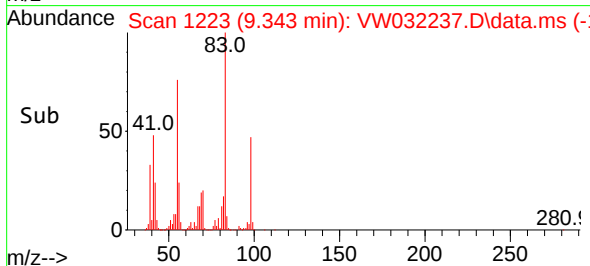
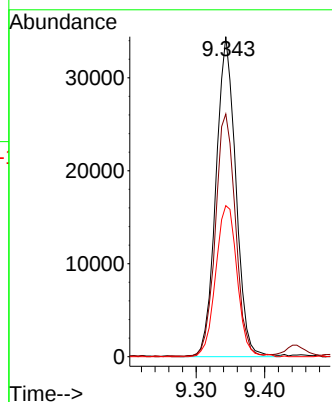
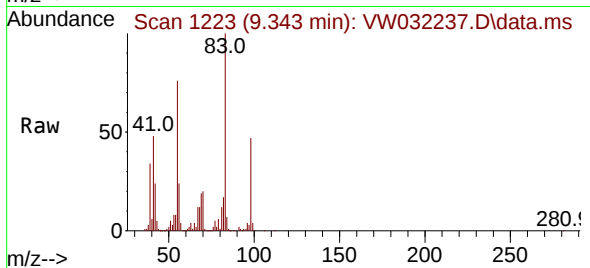
Tgt Ion: 83 Resp: 69368

Ion Ratio Lower Upper

83 100

55 75.6 58.4 87.6

98 47.2 39.4 59.2



#40

Benzene

Concen: 21.064 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW032237.D

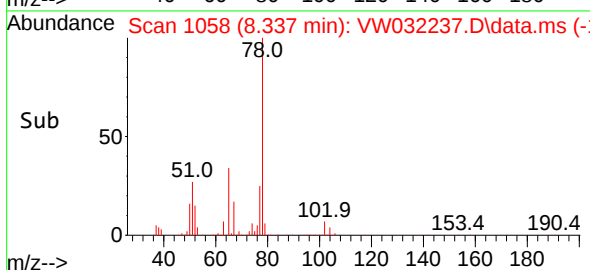
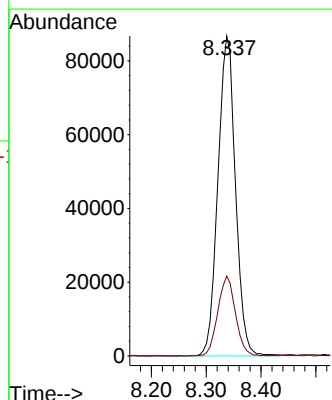
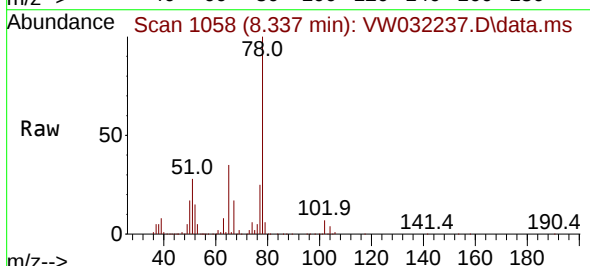
Acq: 23 Sep 2025 12:05

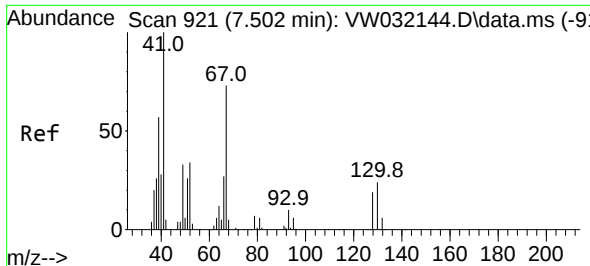
Tgt Ion: 78 Resp: 193100

Ion Ratio Lower Upper

78 100

77 24.9 20.7 31.1

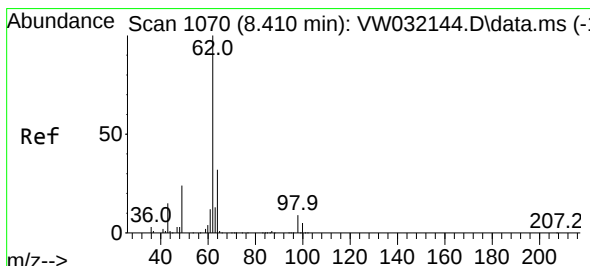
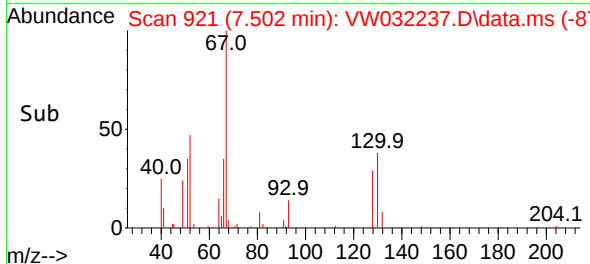
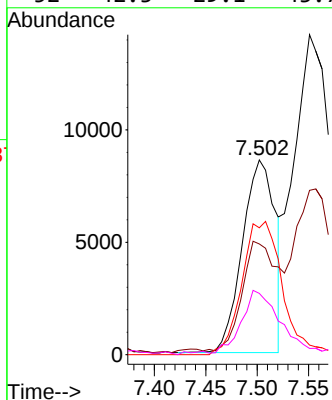
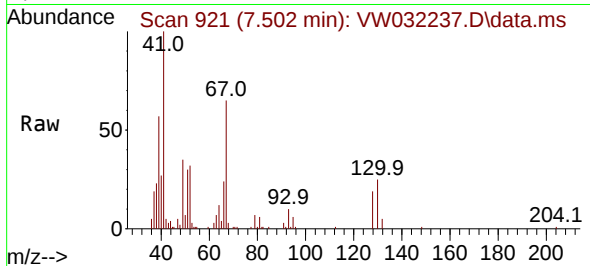




#41  
Methacrylonitrile  
Concen: 19.290 ug/l  
RT: 7.502 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

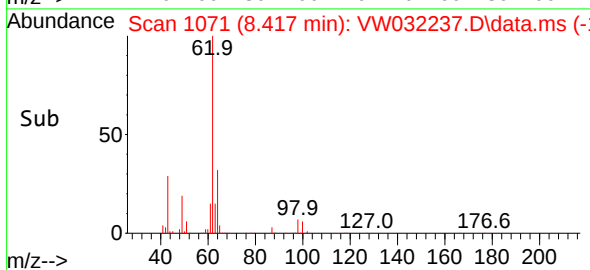
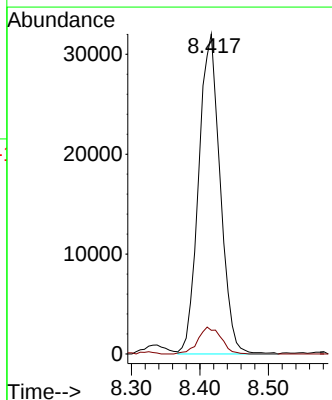
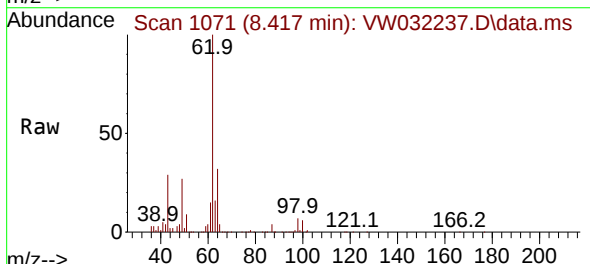
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0923SBSD01

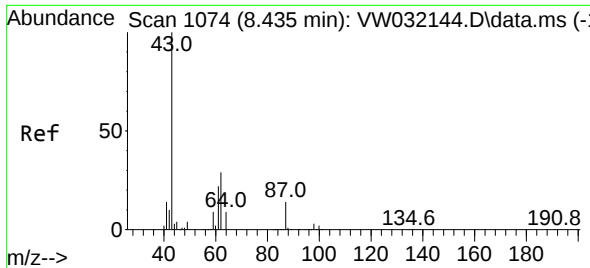
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 19067 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 63.4  | 50.9  | 76.3  |
| 67       | 85.4  | 65.6  | 98.4  |
| 52       | 42.3  | 29.1  | 43.7  |



#42  
1,2-Dichloroethane  
Concen: 22.023 ug/l  
RT: 8.417 min Scan# 1071  
Delta R.T. 0.006 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 69988 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.0   | 0.0   | 18.0  |





#43

Isopropyl Acetate

Concen: 21.438 ug/l

RT: 8.441 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VW032237.D

Acq: 23 Sep 2025 12:05

Instrument :

MSVOA\_W

ClientSampleId :

VW0923SBSD01

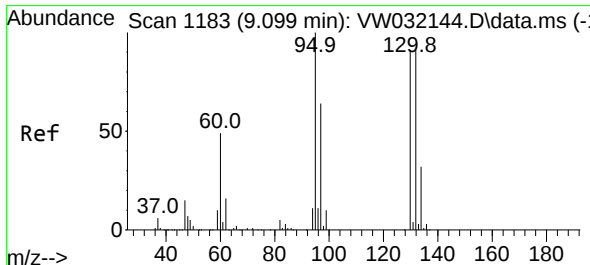
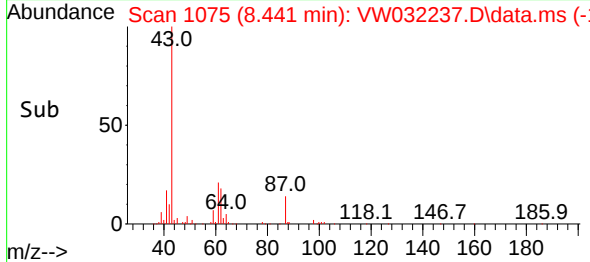
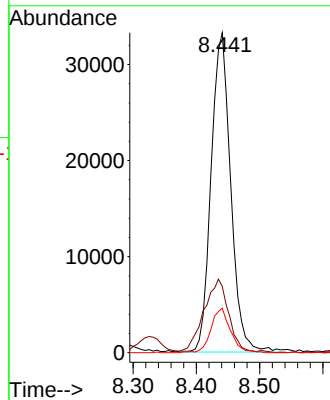
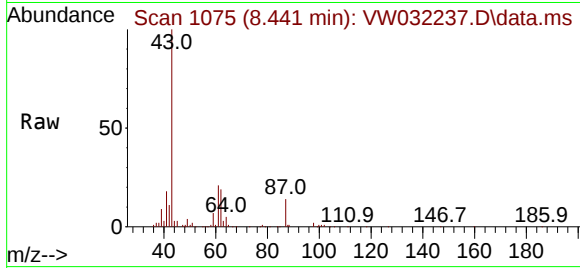
Tgt Ion: 43 Resp: 71552

Ion Ratio Lower Upper

43 100

61 29.2 23.3 34.9

87 13.8 11.1 16.7



#44

Trichloroethene

Concen: 20.419 ug/l

RT: 9.105 min Scan# 1184

Delta R.T. 0.006 min

Lab File: VW032237.D

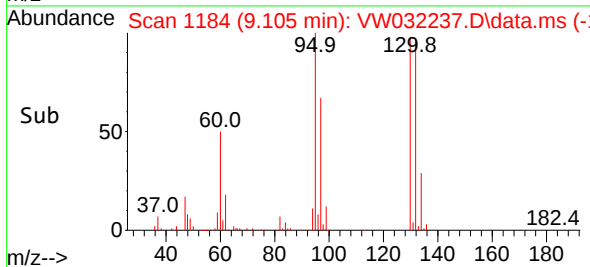
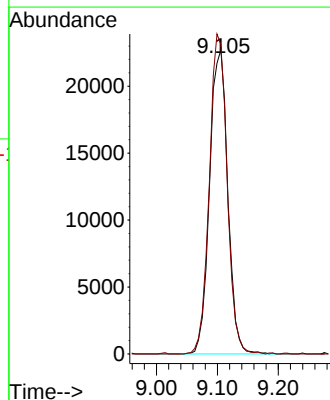
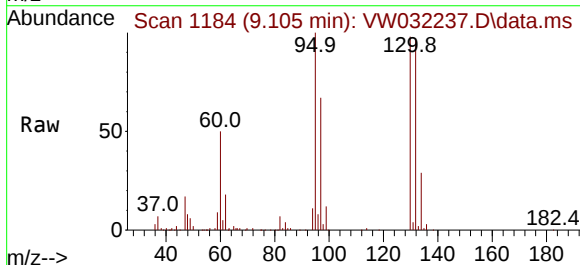
Acq: 23 Sep 2025 12:05

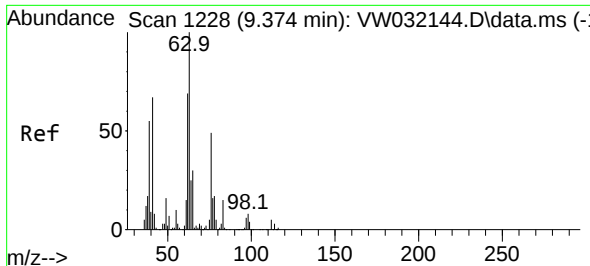
Tgt Ion:130 Resp: 47075

Ion Ratio Lower Upper

130 100

95 101.7 0.0 220.0





#45

1,2-Dichloropropane

Concen: 22.083 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW032237.D

Acq: 23 Sep 2025 12:05

Instrument :

MSVOA\_W

ClientSampleId :

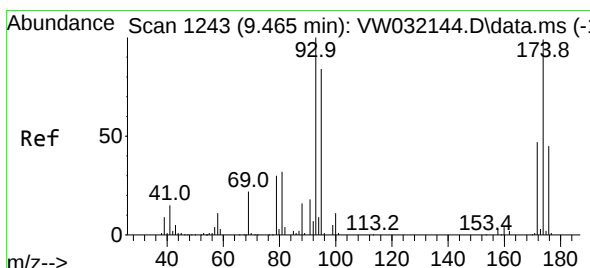
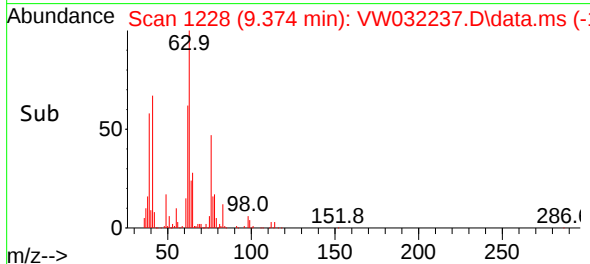
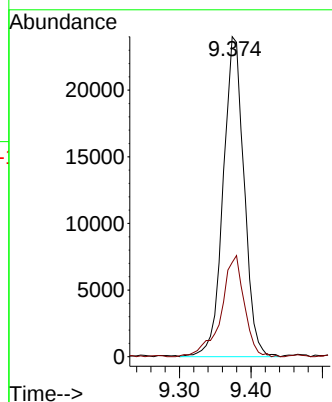
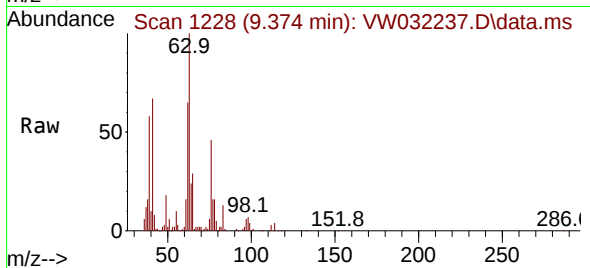
VW0923SBSD01

Tgt Ion: 63 Resp: 48801

Ion Ratio Lower Upper

63 100

65 29.5 24.3 36.5



#46

Dibromomethane

Concen: 21.486 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032237.D

Acq: 23 Sep 2025 12:05

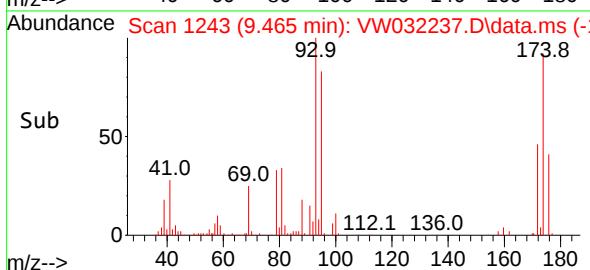
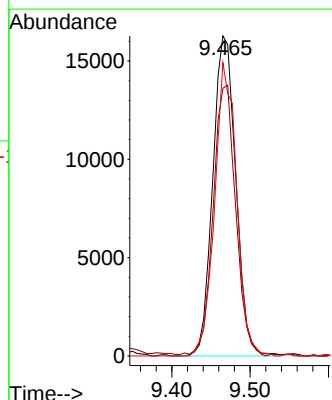
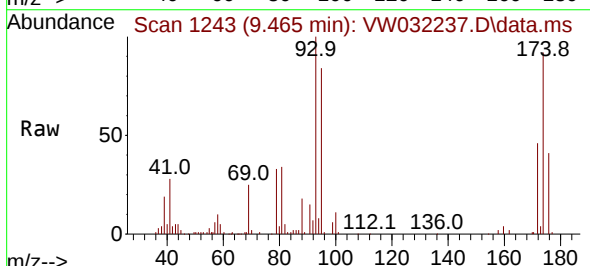
Tgt Ion: 93 Resp: 33304

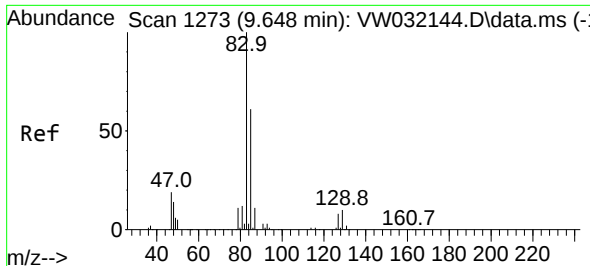
Ion Ratio Lower Upper

93 100

95 83.0 67.4 101.2

174 87.5 75.7 113.5

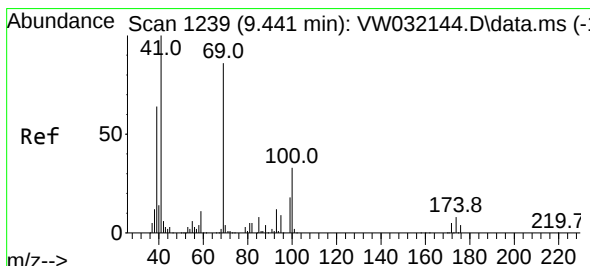
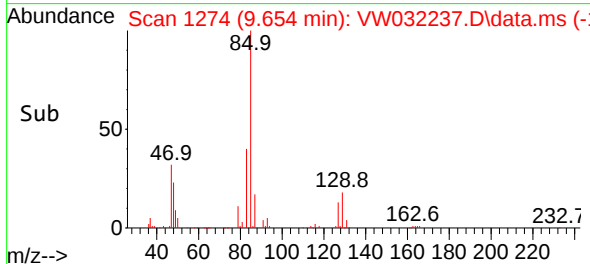
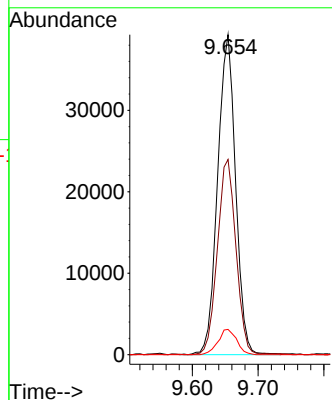
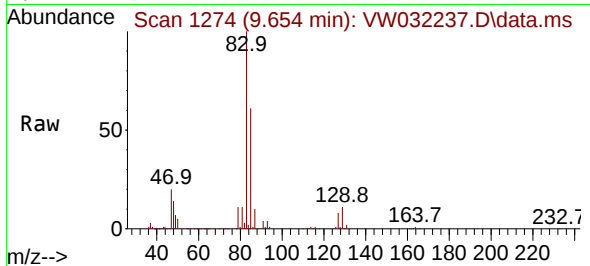




#47  
Bromodichloromethane  
Concen: 21.179 ug/l  
RT: 9.654 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

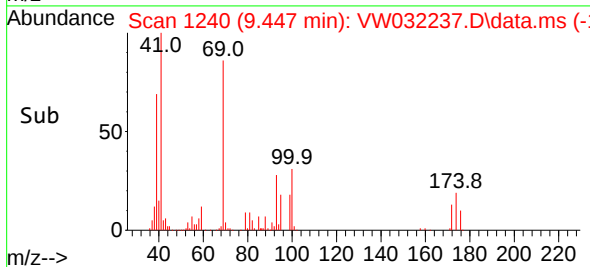
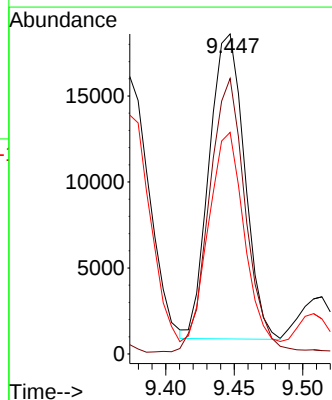
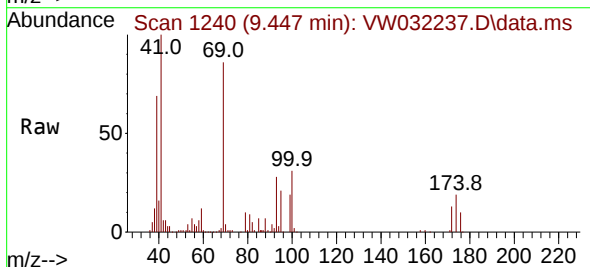
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0923SBSD01

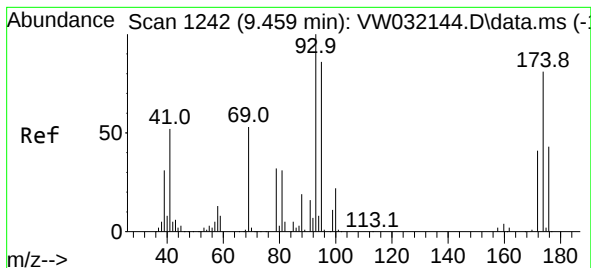
Tgt Ion: 83 Resp: 74602  
Ion Ratio Lower Upper  
83 100  
85 60.8 48.7 73.1  
127 7.9 6.4 9.6



#48  
Methyl methacrylate  
Concen: 20.690 ug/l  
RT: 9.447 min Scan# 1240  
Delta R.T. 0.006 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

Tgt Ion: 41 Resp: 31824  
Ion Ratio Lower Upper  
41 100  
69 93.5 71.5 107.3  
39 74.3 55.9 83.9





#49

1,4-Dioxane

Concen: 406.241 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032237.D

Acq: 23 Sep 2025 12:05

Instrument :

MSVOA\_W

ClientSampleId :

VW0923SBSD01

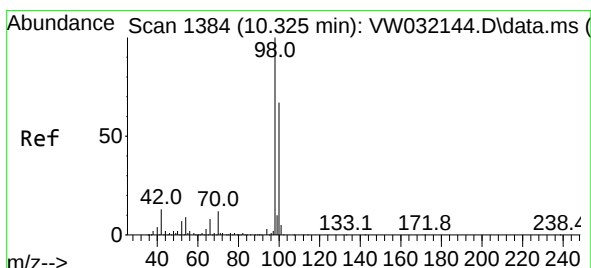
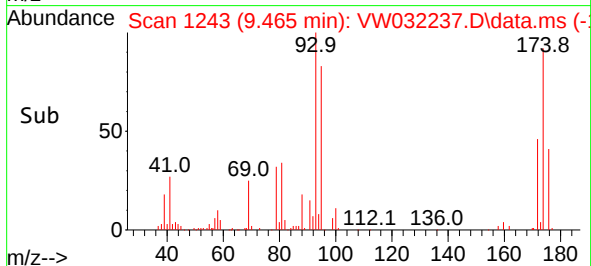
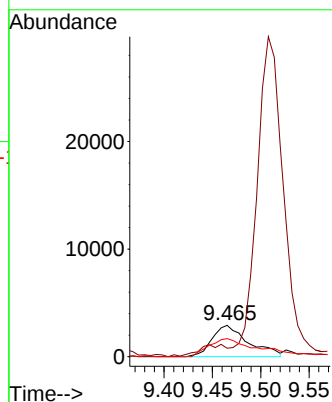
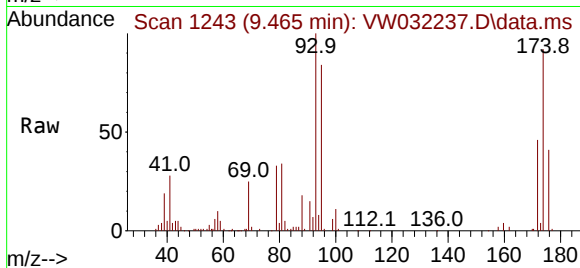
Tgt Ion: 88 Resp: 7608

Ion Ratio Lower Upper

88 100

43 29.4 18.0 27.0#

58 85.2 55.4 83.0#



#50

Toluene-d8

Concen: 49.303 ug/l

RT: 10.331 min Scan# 1385

Delta R.T. 0.006 min

Lab File: VW032237.D

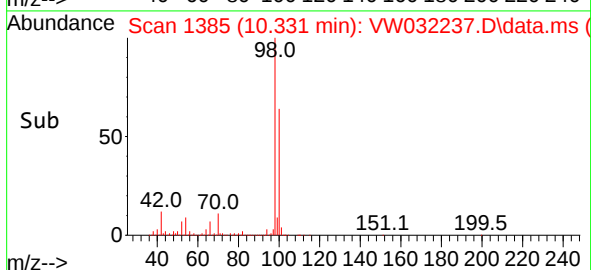
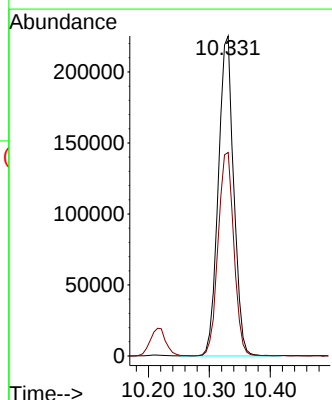
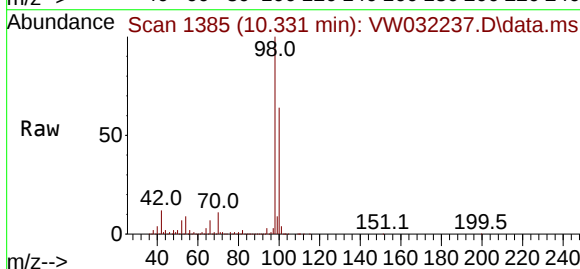
Acq: 23 Sep 2025 12:05

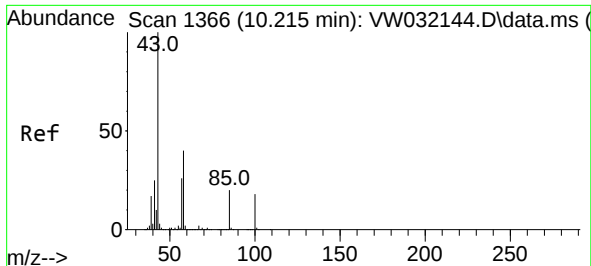
Tgt Ion: 98 Resp: 395884

Ion Ratio Lower Upper

98 100

100 64.9 51.4 77.2

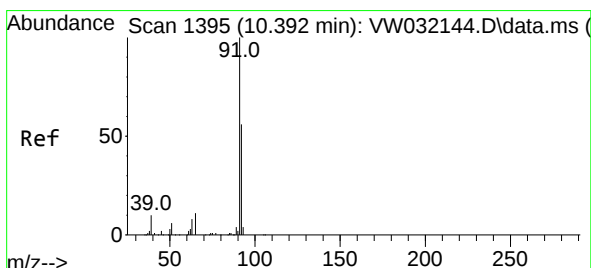
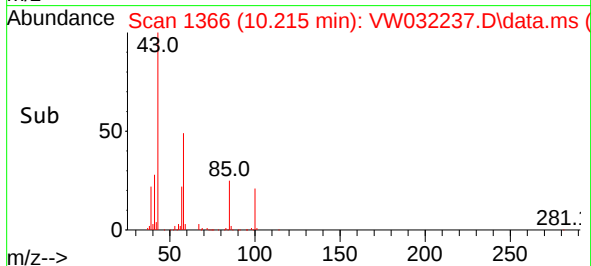
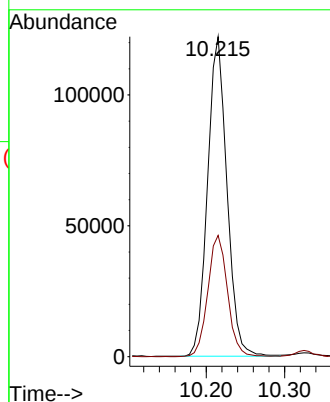
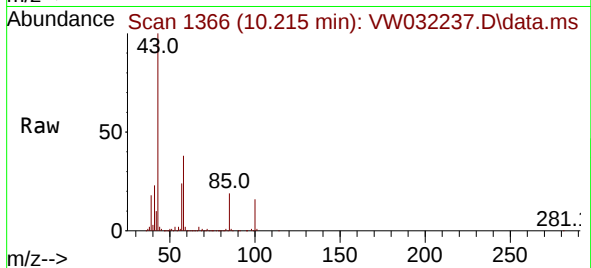




#51  
4-Methyl-2-Pentanone  
Concen: 111.190 ug/l  
RT: 10.215 min Scan# 1366  
Delta R.T. 0.000 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

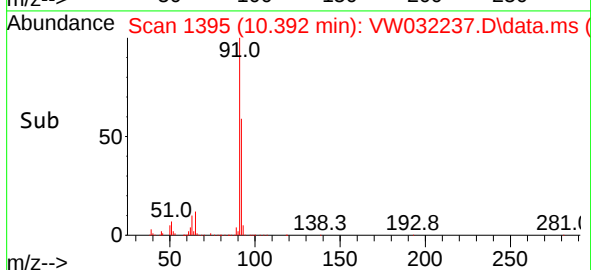
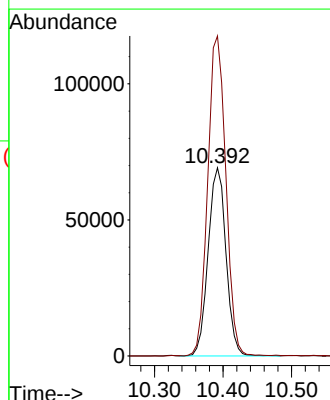
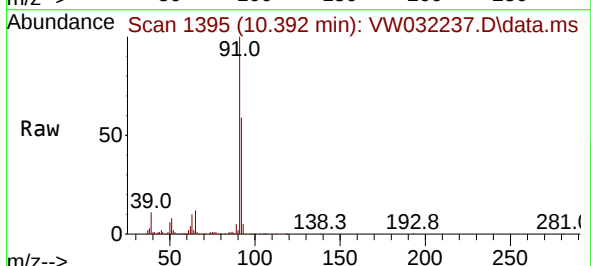
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0923SBSD01

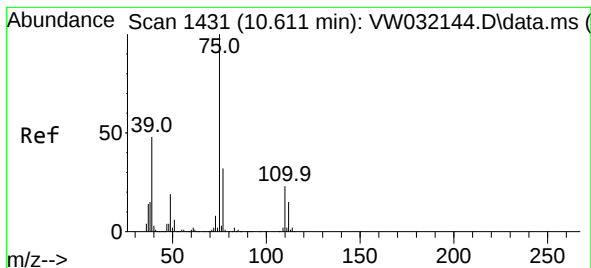
Tgt Ion: 43 Resp: 209548  
Ion Ratio Lower Upper  
43 100  
58 38.7 32.0 48.0



#52  
Toluene  
Concen: 20.955 ug/l  
RT: 10.392 min Scan# 1395  
Delta R.T. 0.000 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

Tgt Ion: 92 Resp: 125535  
Ion Ratio Lower Upper  
92 100  
91 172.2 137.5 206.3

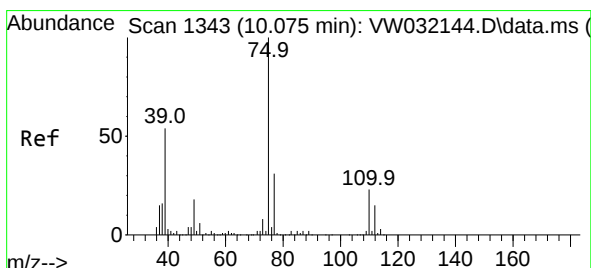
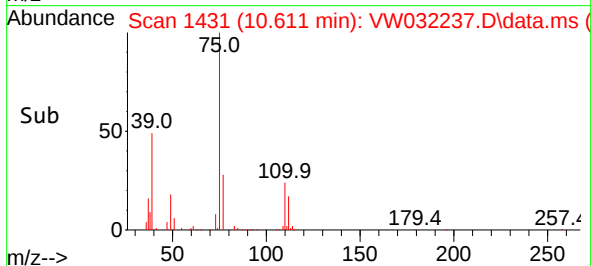
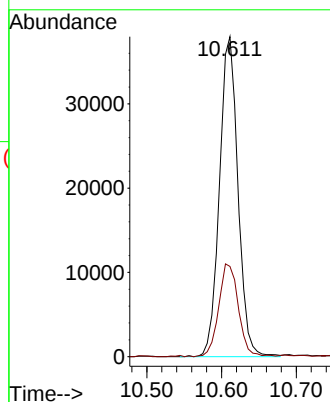
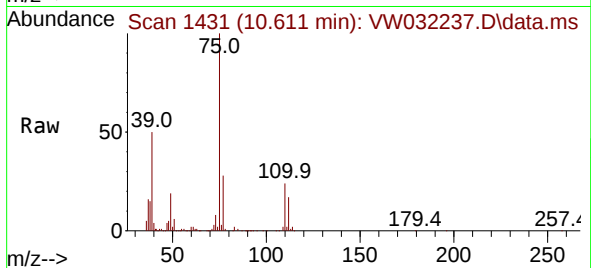




#53  
t-1,3-Dichloropropene  
Concen: 21.036 ug/l  
RT: 10.611 min Scan# 1431  
Delta R.T. 0.000 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

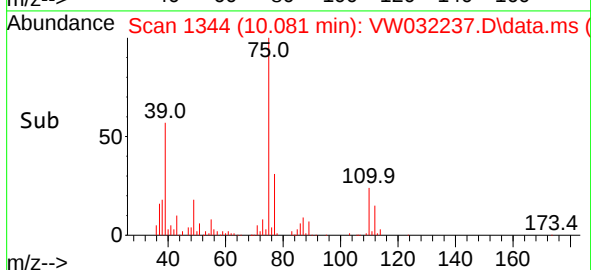
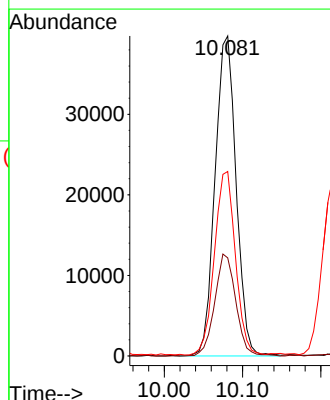
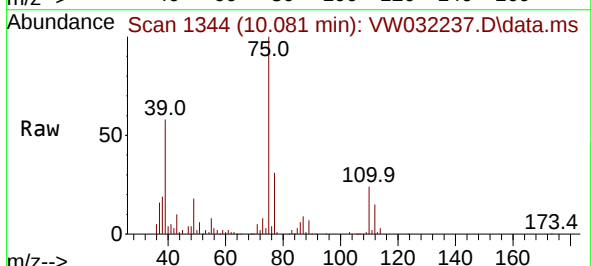
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0923SBSD01

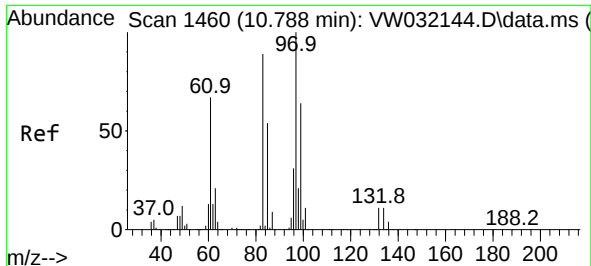
Tgt Ion: 75 Resp: 65367  
Ion Ratio Lower Upper  
75 100  
77 27.8 25.6 38.4



#54  
cis-1,3-Dichloropropene  
Concen: 20.940 ug/l  
RT: 10.081 min Scan# 1344  
Delta R.T. 0.006 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

Tgt Ion: 75 Resp: 74243  
Ion Ratio Lower Upper  
75 100  
77 30.7 25.1 37.7  
39 57.1 43.2 64.8





#55

1,1,2-Trichloroethane

Concen: 21.308 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW032237.D

Acq: 23 Sep 2025 12:05

Instrument :

MSVOA\_W

ClientSampleId :

VW0923SBSD01

Tgt Ion: 97 Resp: 42948

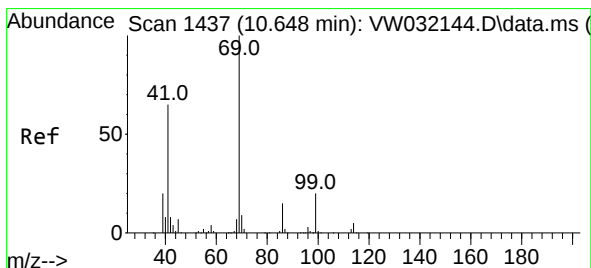
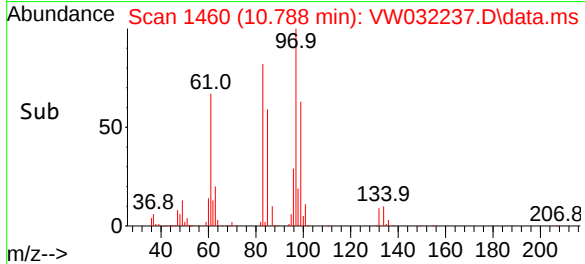
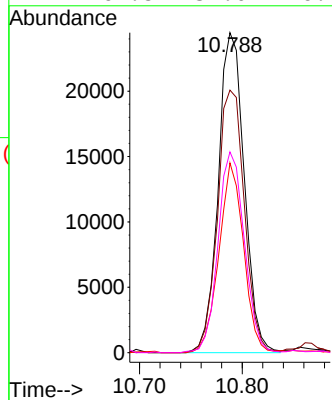
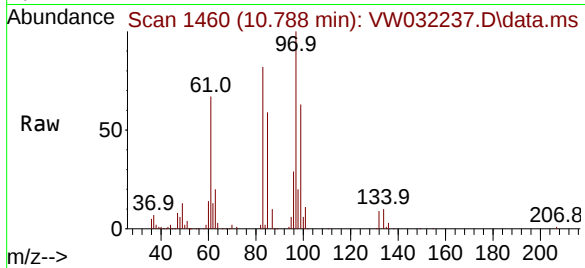
Ion Ratio Lower Upper

97 100

83 82.1 71.0 106.6

85 59.3 42.8 64.2

99 62.8 51.0 76.6



#56

Ethyl methacrylate

Concen: 20.054 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VW032237.D

Acq: 23 Sep 2025 12:05

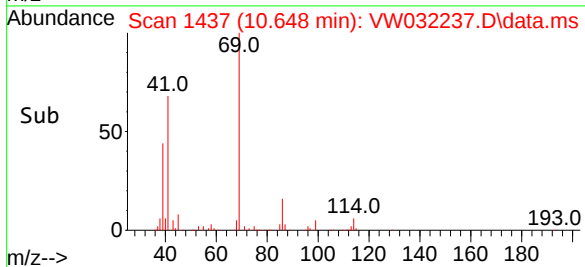
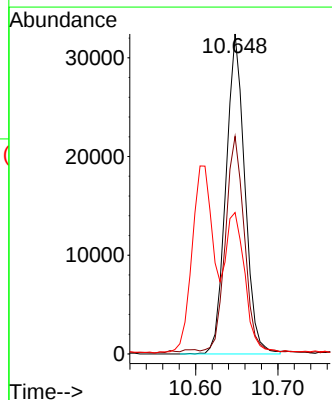
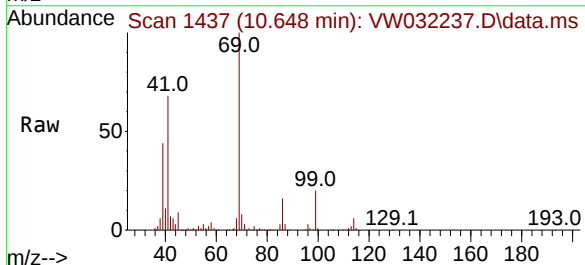
Tgt Ion: 69 Resp: 51676

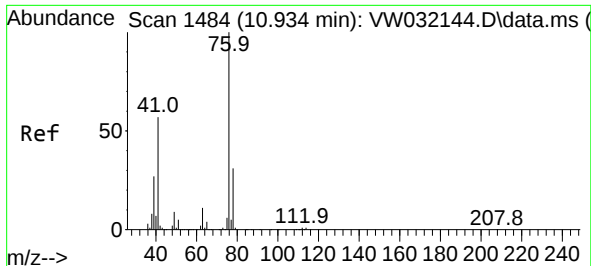
Ion Ratio Lower Upper

69 100

41 68.2 53.2 79.8

39 44.2 32.9 49.3





#57

1,3-Dichloropropane

Concen: 21.328 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032237.D

Acq: 23 Sep 2025 12:05

Instrument :

MSVOA\_W

ClientSampleId :

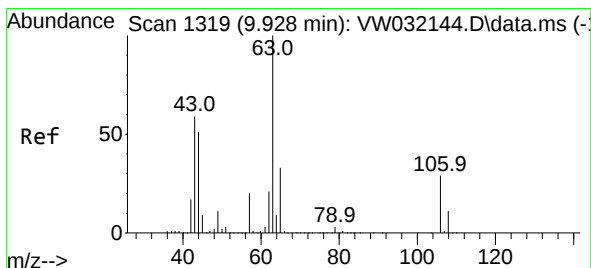
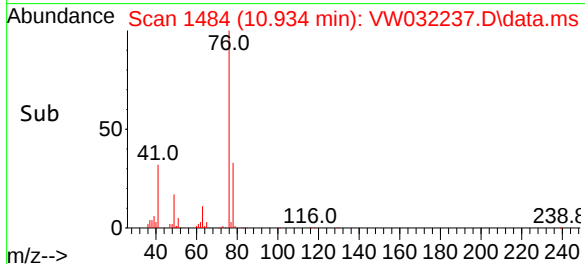
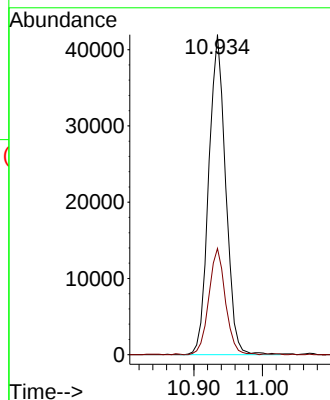
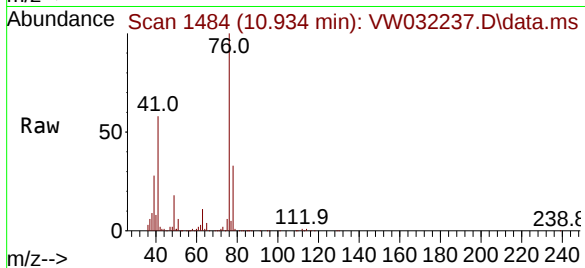
VW0923SBSD01

Tgt Ion: 76 Resp: 71980

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 105.134 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032237.D

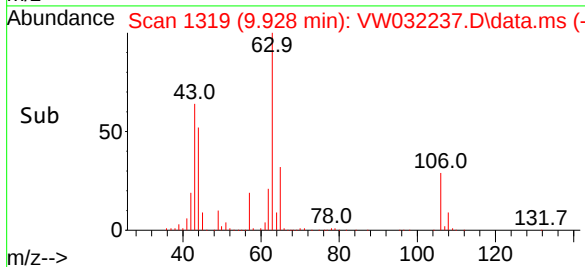
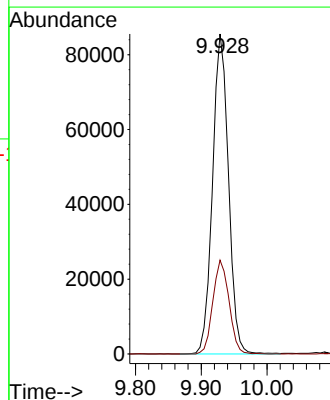
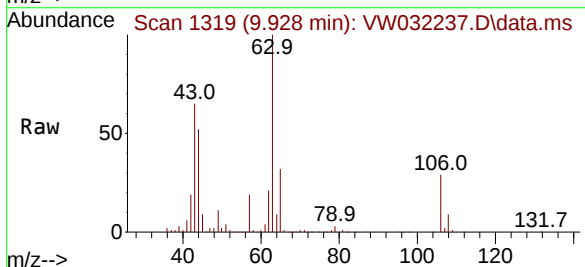
Acq: 23 Sep 2025 12:05

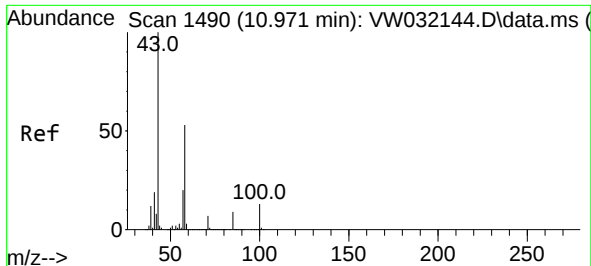
Tgt Ion: 63 Resp: 144602

Ion Ratio Lower Upper

63 100

106 29.7 24.3 36.5





#59

2-Hexanone

Concen: 117.068 ug/l

RT: 10.971 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VW032237.D

Acq: 23 Sep 2025 12:05

Instrument :

MSVOA\_W

ClientSampleId :

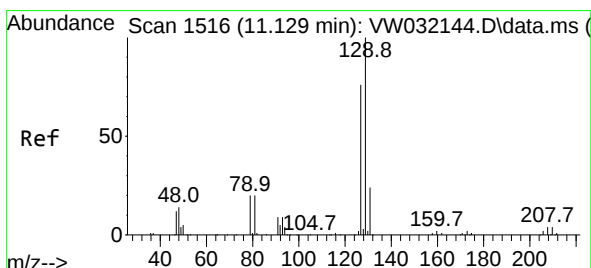
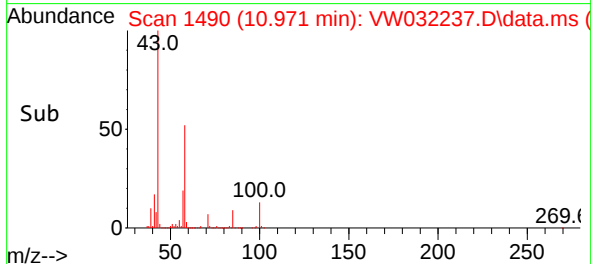
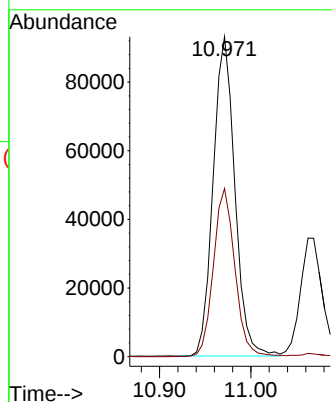
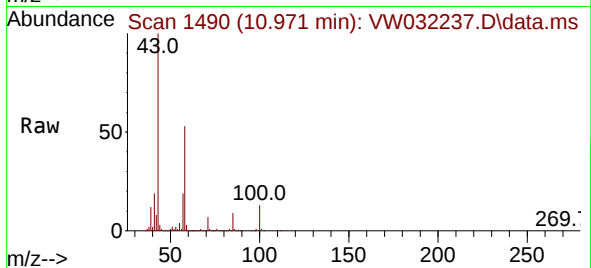
VW0923SBSD01

Tgt Ion: 43 Resp: 153440

Ion Ratio Lower Upper

43 100

58 52.2 27.5 82.4



#60

Dibromochloromethane

Concen: 19.997 ug/l

RT: 11.130 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW032237.D

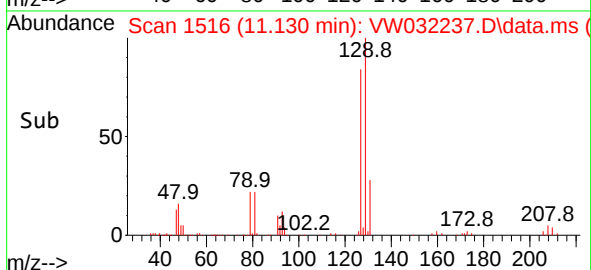
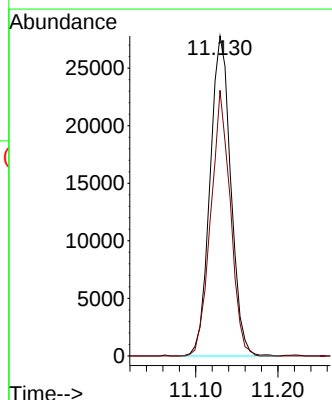
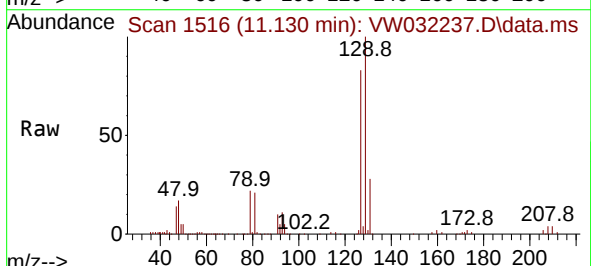
Acq: 23 Sep 2025 12:05

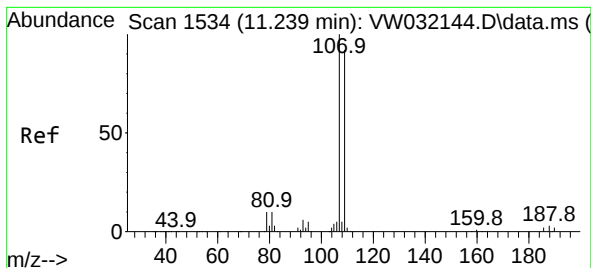
Tgt Ion: 129 Resp: 48771

Ion Ratio Lower Upper

129 100

127 77.9 38.1 114.5

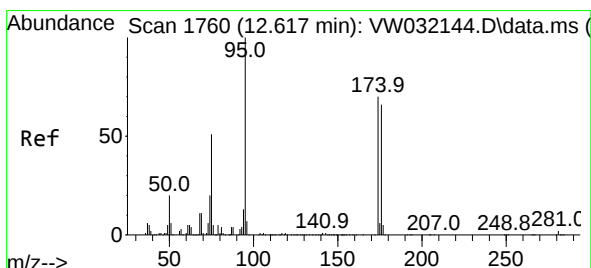
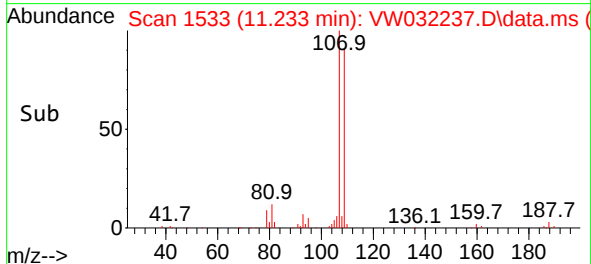
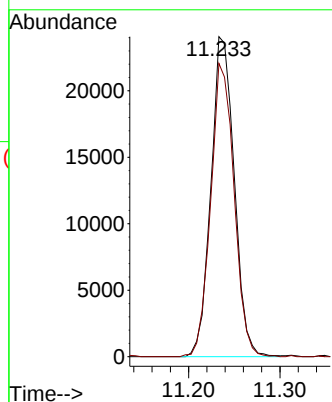
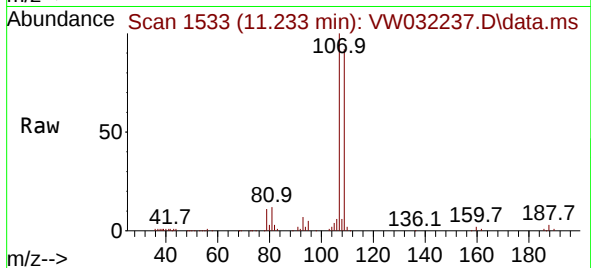




#61  
1,2-Dibromoethane  
Concen: 21.507 ug/l  
RT: 11.233 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

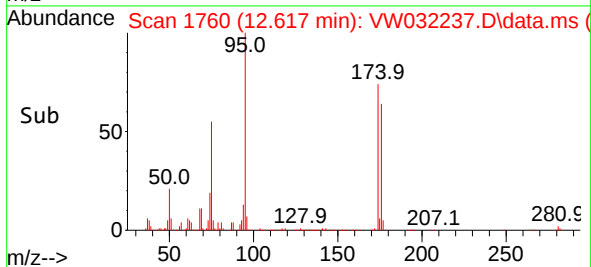
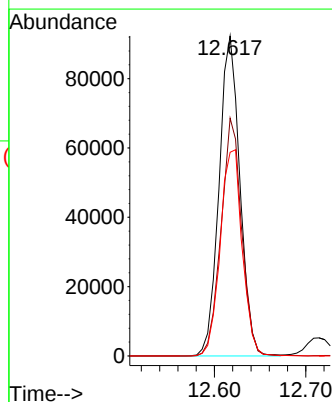
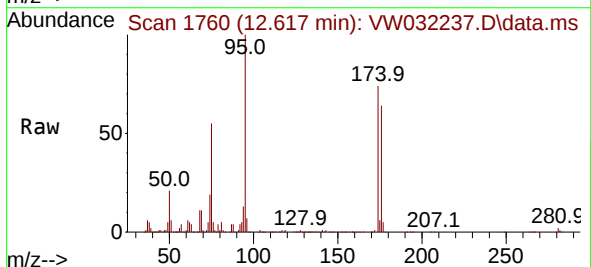
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0923SBSD01

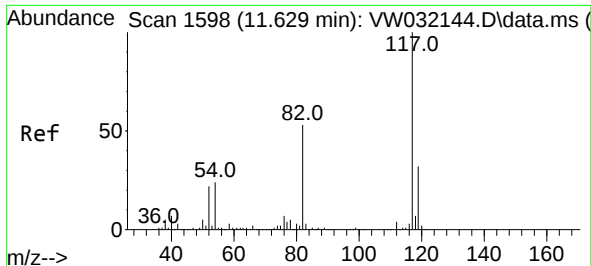
Tgt Ion:107 Resp: 42630  
Ion Ratio Lower Upper  
107 100  
109 91.9 74.5 111.7



#62  
4-Bromofluorobenzene  
Concen: 49.296 ug/l  
RT: 12.617 min Scan# 1760  
Delta R.T. 0.000 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

Tgt Ion: 95 Resp: 146370  
Ion Ratio Lower Upper  
95 100  
174 73.7 0.0 145.6  
176 68.1 0.0 140.8

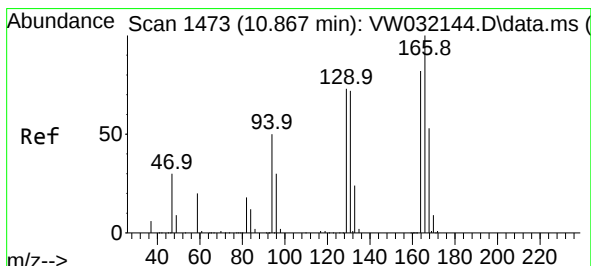
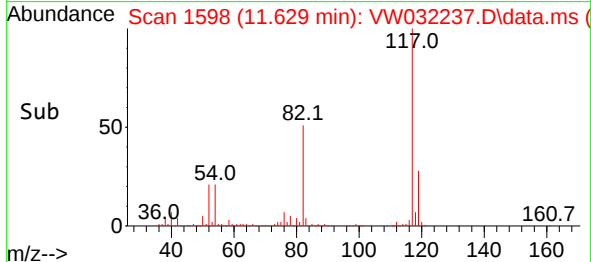
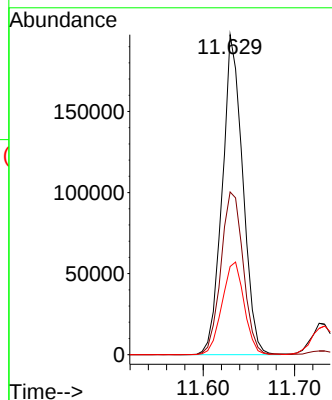
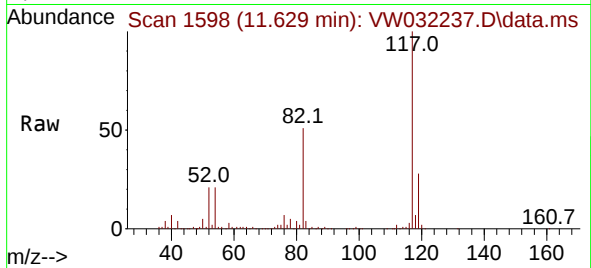




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.629 min Scan# 11598  
Delta R.T. 0.000 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

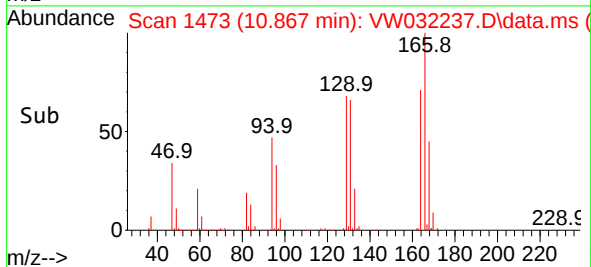
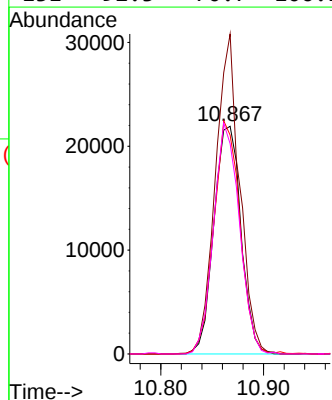
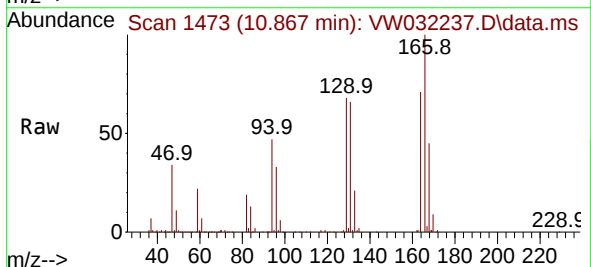
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0923SBSD01

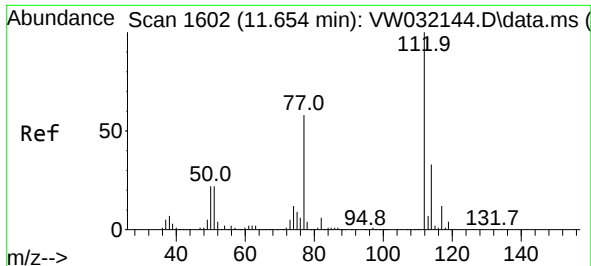
Tgt Ion:117 Resp: 307968  
Ion Ratio Lower Upper  
117 100  
82 50.8 42.7 64.1  
119 27.5 25.2 37.8



#64  
Tetrachloroethene  
Concen: 19.769 ug/l  
RT: 10.867 min Scan# 1473  
Delta R.T. 0.000 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

Tgt Ion:164 Resp: 40070  
Ion Ratio Lower Upper  
164 100  
166 140.5 97.5 146.3  
129 96.1 71.2 106.8  
131 92.3 70.7 106.1

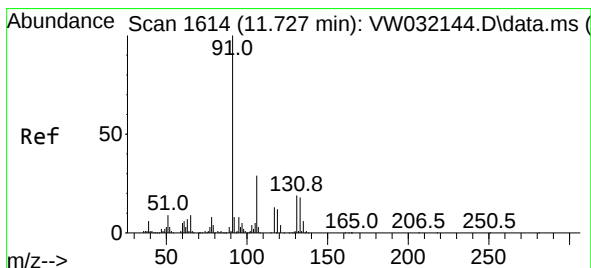
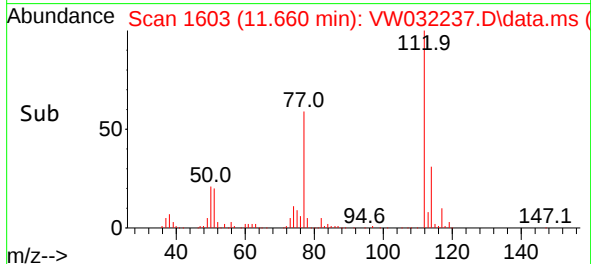
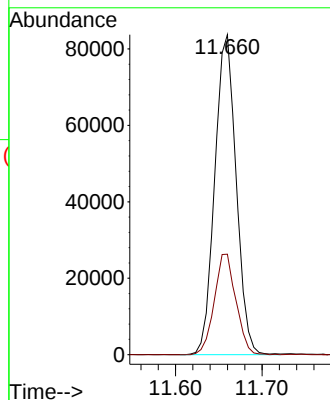
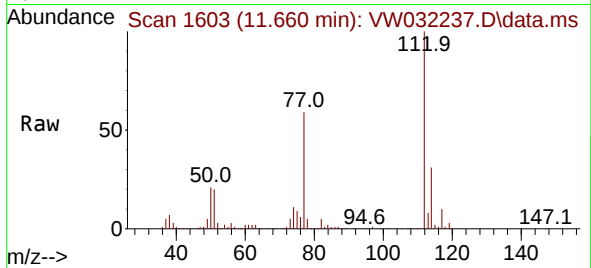




#65  
Chlorobenzene  
Concen: 20.479 ug/l  
RT: 11.660 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

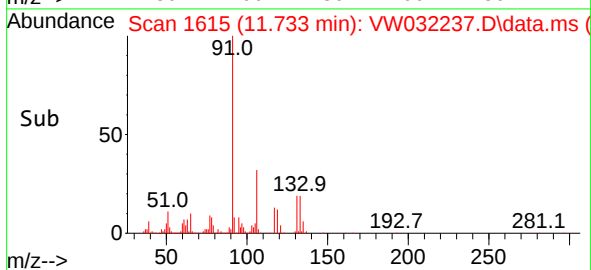
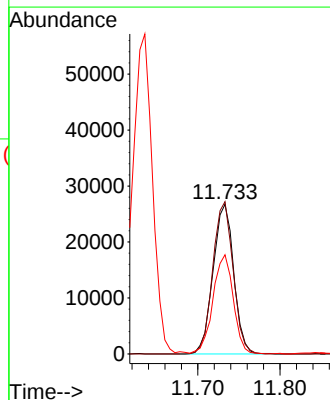
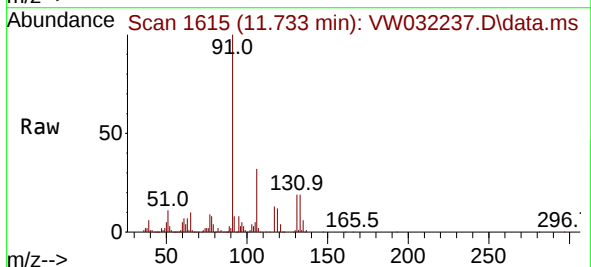
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0923SBSD01

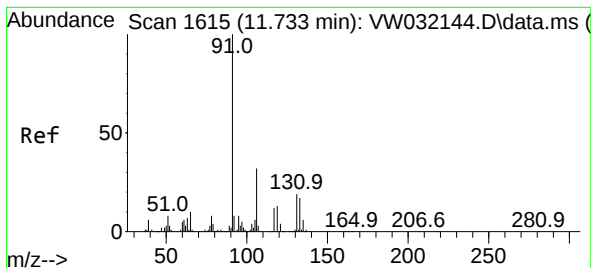
Tgt Ion:112 Resp: 143552  
Ion Ratio Lower Upper  
112 100  
114 31.4 26.0 39.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.193 ug/l  
RT: 11.733 min Scan# 1615  
Delta R.T. 0.006 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

Tgt Ion:131 Resp: 46601  
Ion Ratio Lower Upper  
131 100  
133 100.3 47.7 143.1  
119 65.3 32.8 98.3





#67

Ethyl Benzene

Concen: 20.239 ug/l

RT: 11.733 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032237.D

Acq: 23 Sep 2025 12:05

Instrument :

MSVOA\_W

ClientSampleId :

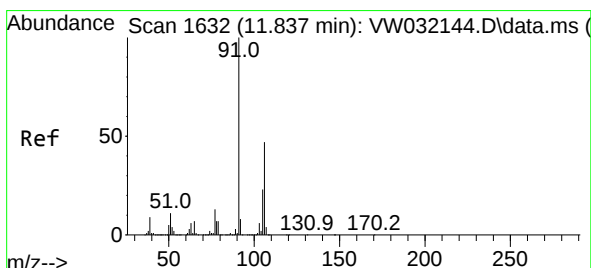
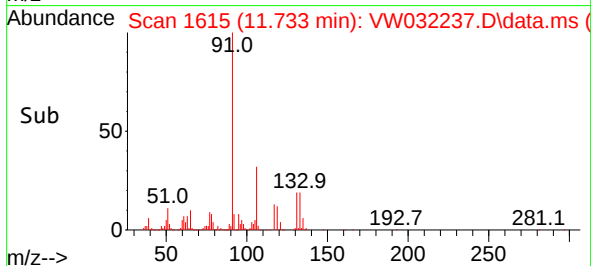
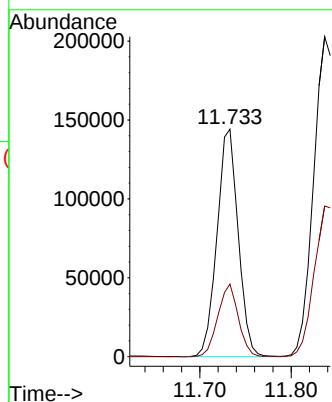
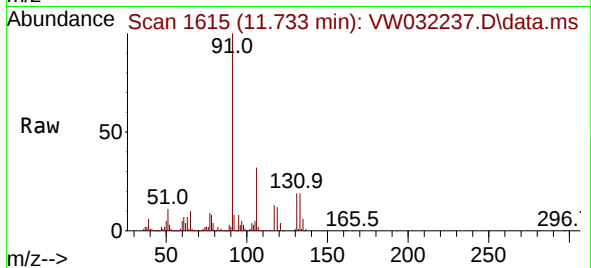
VW0923SBSD01

Tgt Ion: 91 Resp: 232445

Ion Ratio Lower Upper

91 100

106 31.9 25.3 37.9



#68

m/p-Xylenes

Concen: 40.809 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032237.D

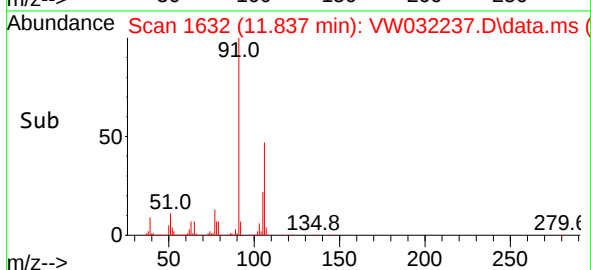
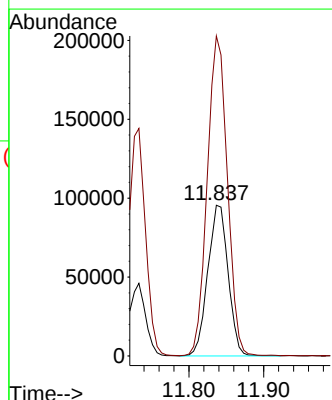
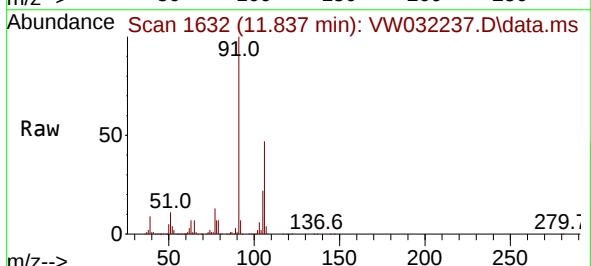
Acq: 23 Sep 2025 12:05

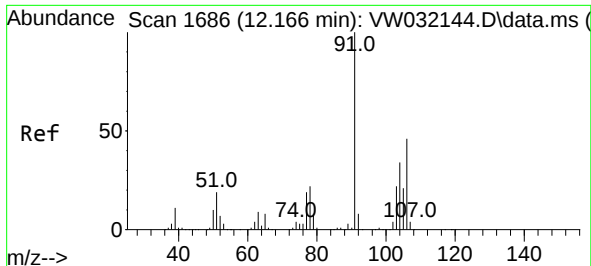
Tgt Ion:106 Resp: 180384

Ion Ratio Lower Upper

106 100

91 210.5 164.2 246.2

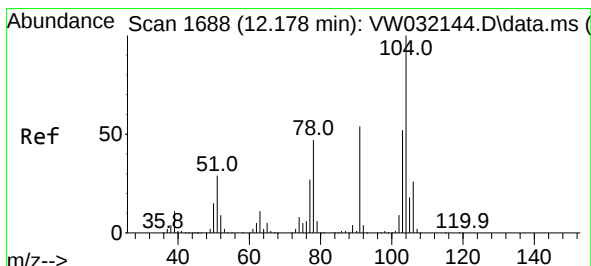
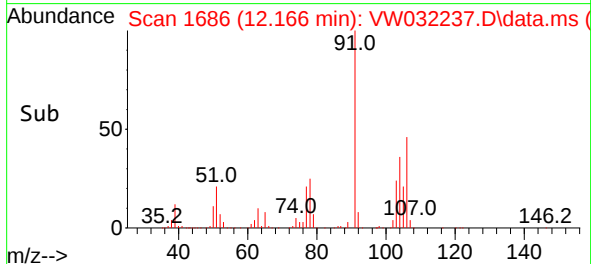
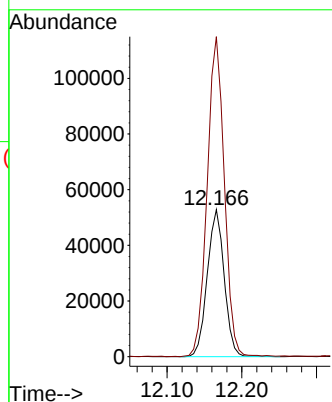
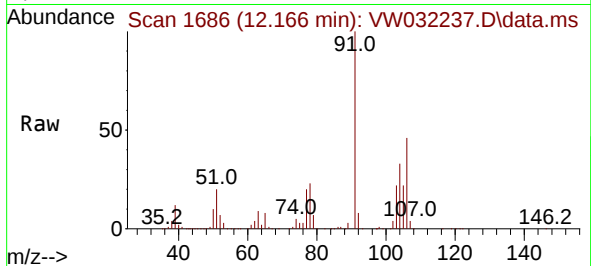




#69  
o-Xylene  
Concen: 19.861 ug/l  
RT: 12.166 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

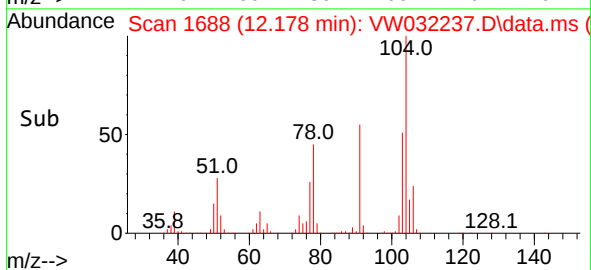
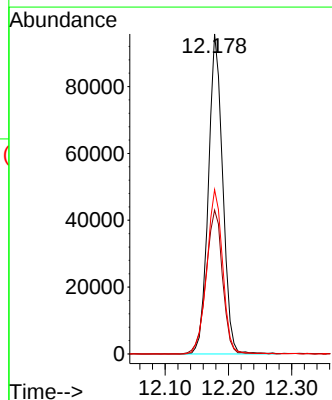
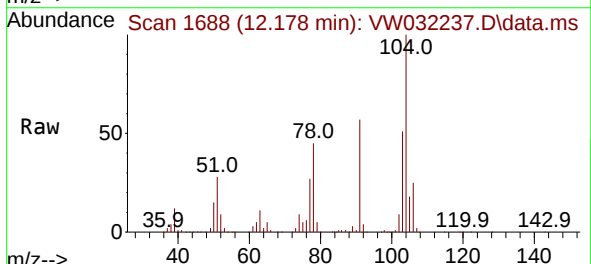
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0923SBSD01

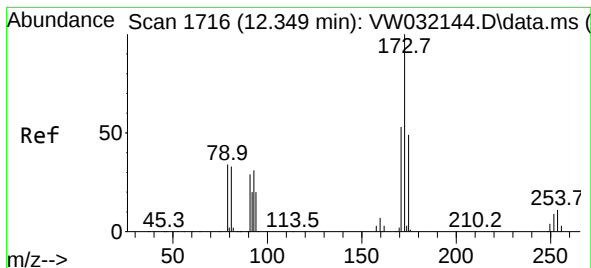
Tgt Ion:106 Resp: 83041  
Ion Ratio Lower Upper  
106 100  
91 219.8 108.7 326.3



#70  
Styrene  
Concen: 20.524 ug/l  
RT: 12.178 min Scan# 1688  
Delta R.T. 0.000 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

Tgt Ion:104 Resp: 151269  
Ion Ratio Lower Upper  
104 100  
78 51.6 41.6 62.4  
103 56.6 44.8 67.2





#71

Bromoform

Concen: 19.498 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032237.D

Acq: 23 Sep 2025 12:05

Instrument :

MSVOA\_W

ClientSampleId :

VW0923SBSD01

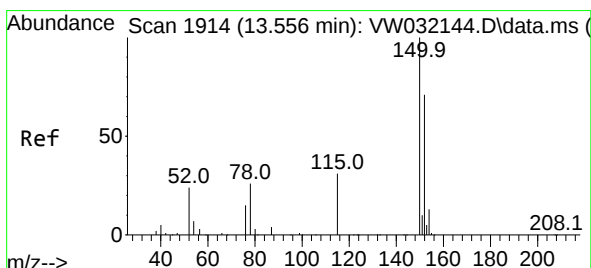
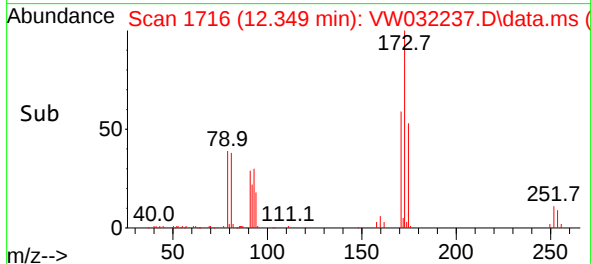
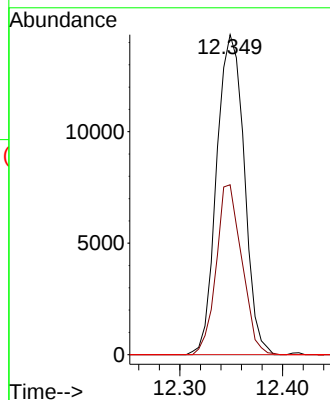
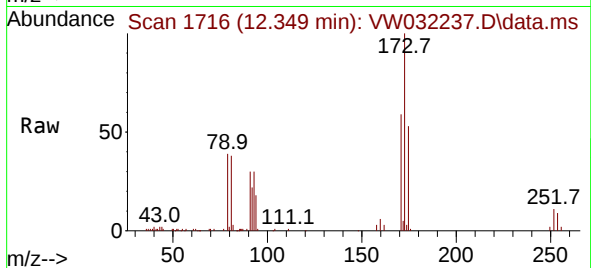
Tgt Ion:173 Resp: 26725

Ion Ratio Lower Upper

173 100

175 49.4 24.9 74.7

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032237.D

Acq: 23 Sep 2025 12:05

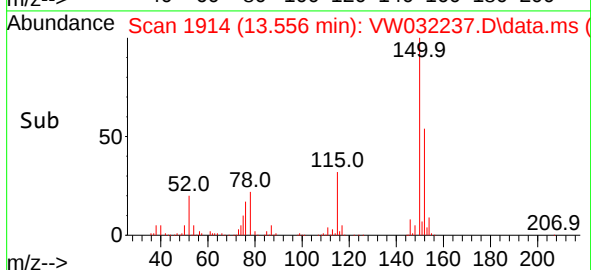
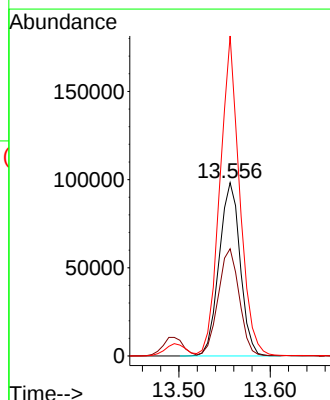
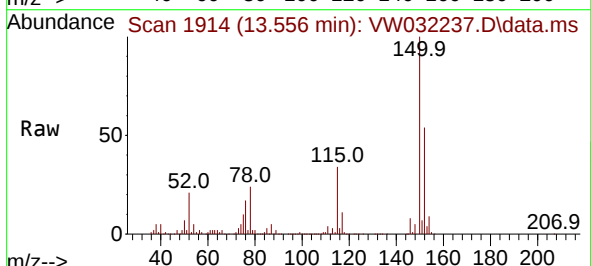
Tgt Ion:152 Resp: 157299

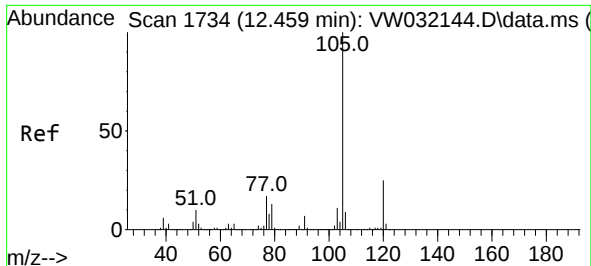
Ion Ratio Lower Upper

152 100

115 61.9 31.8 95.4

150 172.8 0.0 343.0

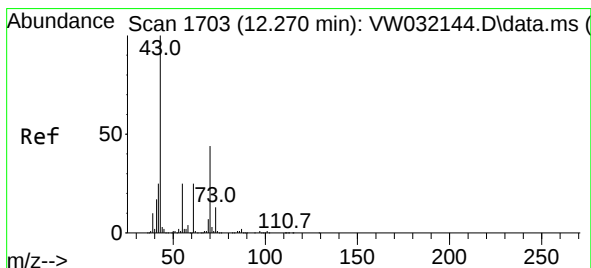
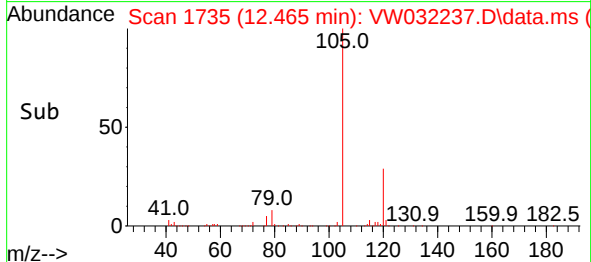
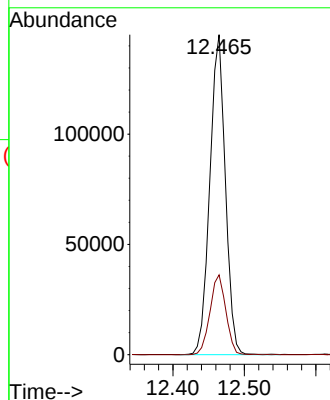
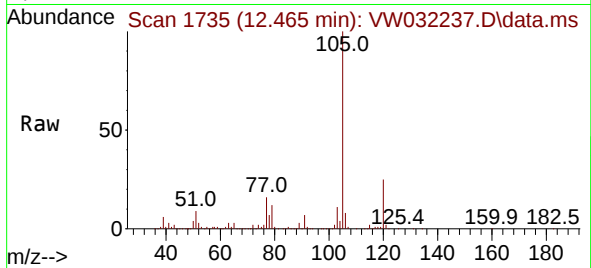




#73  
Isopropylbenzene  
Concen: 20.454 ug/l  
RT: 12.465 min Scan# 1734  
Delta R.T. 0.006 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

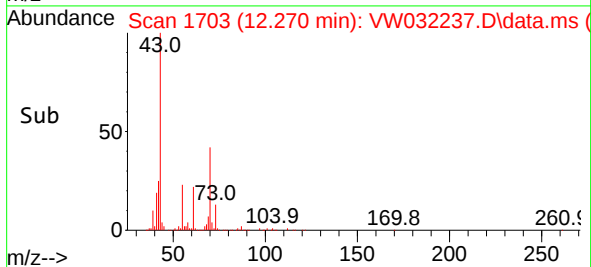
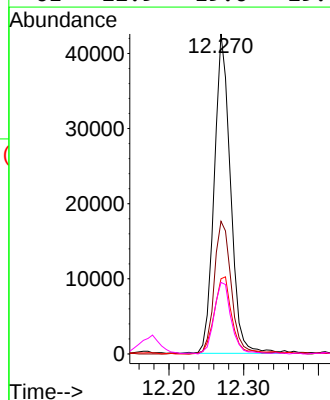
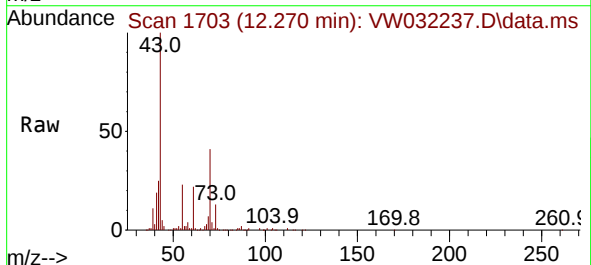
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0923SBSD01

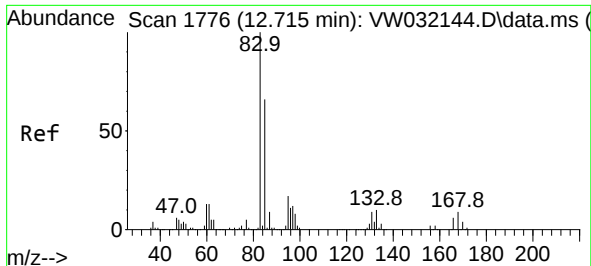
Tgt Ion:105 Resp: 218579  
Ion Ratio Lower Upper  
105 100  
120 25.4 13.0 38.9



#74  
N-ethyl acetate  
Concen: 20.792 ug/l  
RT: 12.270 min Scan# 1703  
Delta R.T. 0.000 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

Tgt Ion: 43 Resp: 64510  
Ion Ratio Lower Upper  
43 100  
70 43.5 35.3 52.9  
55 27.0 19.9 29.9  
61 22.9 19.6 29.4

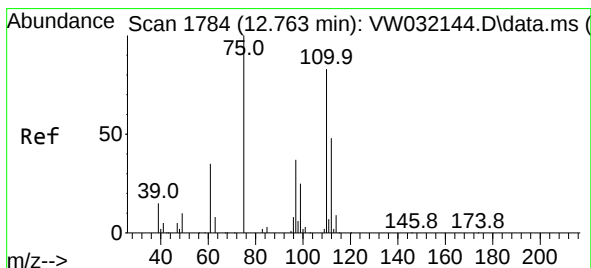
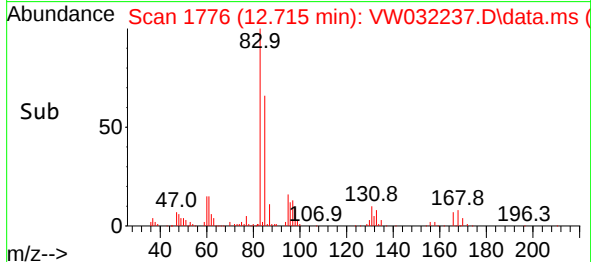
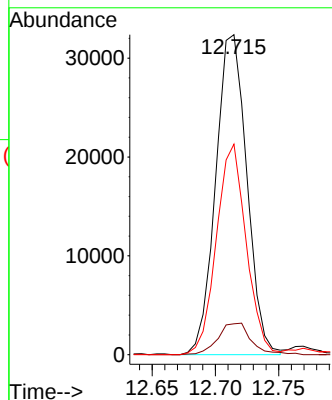
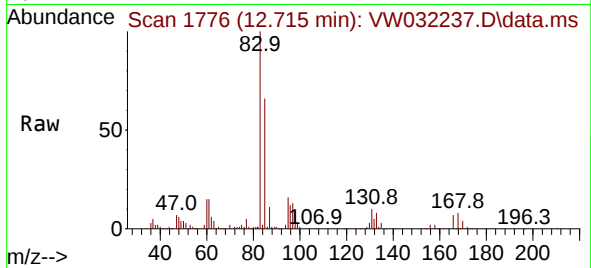




#75  
1,1,2,2-Tetrachloroethane  
Concen: 21.838 ug/l  
RT: 12.715 min Scan# 1776  
Delta R.T. 0.000 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

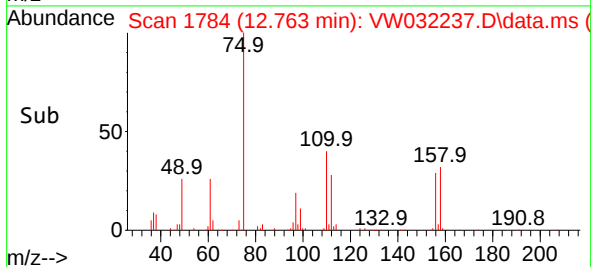
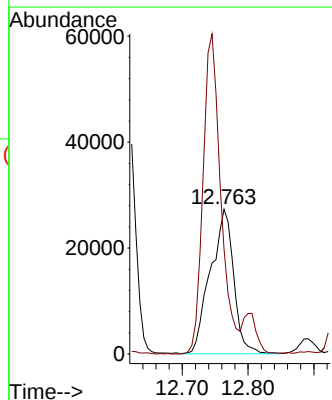
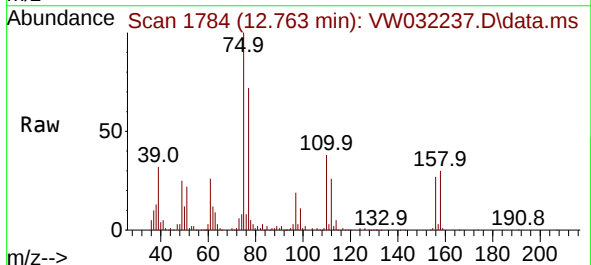
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0923SBSD01

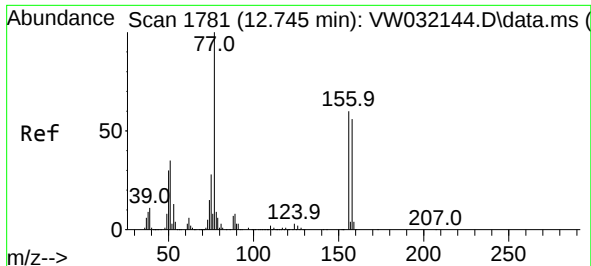
Tgt Ion: 83 Resp: 55460  
Ion Ratio Lower Upper  
83 100  
131 10.6 5.1 15.4  
85 62.9 32.2 96.6



#76  
1,2,3-Trichloropropane  
Concen: 34.178 ug/l  
RT: 12.763 min Scan# 1784  
Delta R.T. 0.000 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

Tgt Ion: 75 Resp: 67353  
Ion Ratio Lower Upper  
75 100  
77 169.2 141.7 425.1

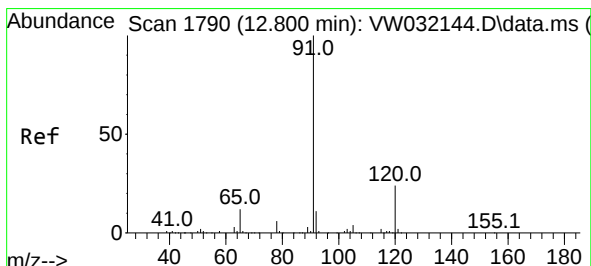
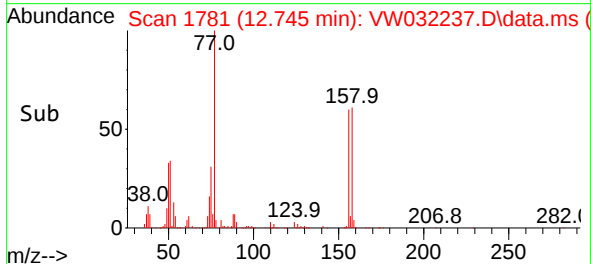
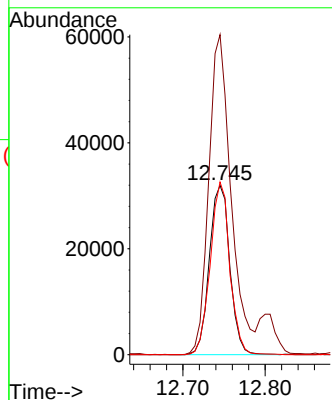
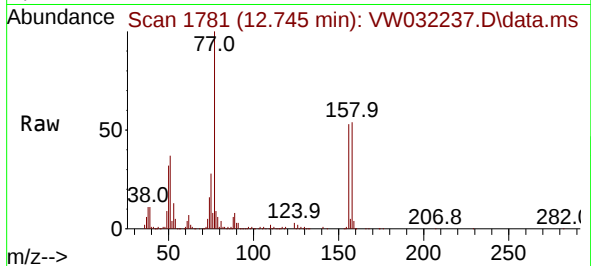




#77  
Bromobenzene  
Concen: 20.247 ug/l  
RT: 12.745 min Scan# 1781  
Delta R.T. 0.000 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

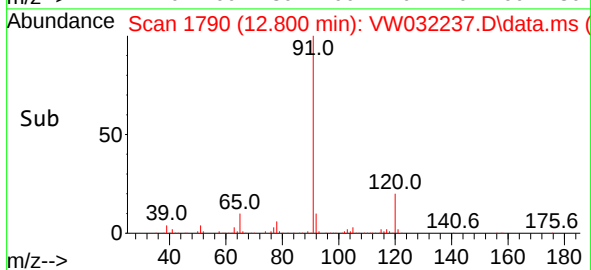
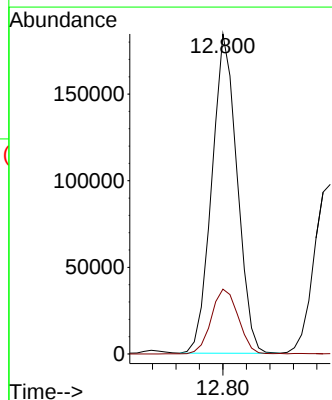
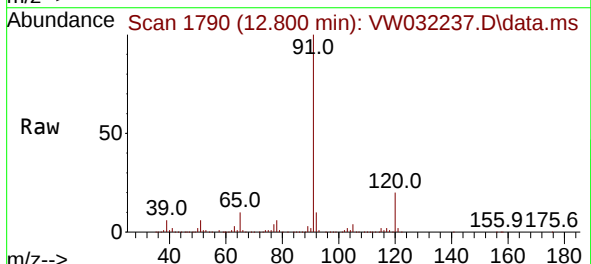
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0923SBSD01

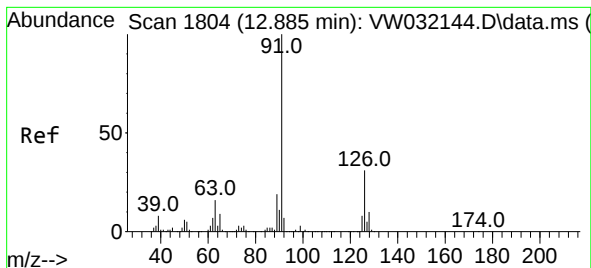
Tgt Ion:156 Resp: 55174  
Ion Ratio Lower Upper  
156 100  
77 206.5 98.6 295.7  
158 97.6 48.4 145.0



#78  
n-propylbenzene  
Concen: 21.236 ug/l  
RT: 12.800 min Scan# 1790  
Delta R.T. 0.000 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

Tgt Ion: 91 Resp: 275518  
Ion Ratio Lower Upper  
91 100  
120 21.7 11.8 35.4





#79

2-Chlorotoluene

Concen: 20.750 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VW032237.D

Acq: 23 Sep 2025 12:05

Instrument :

MSVOA\_W

ClientSampleId :

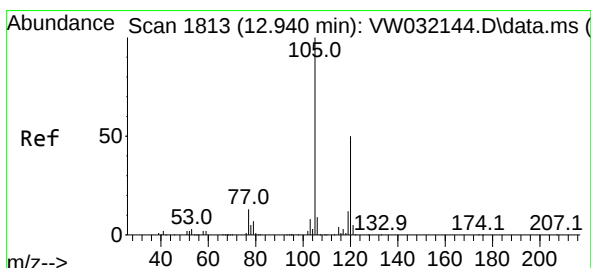
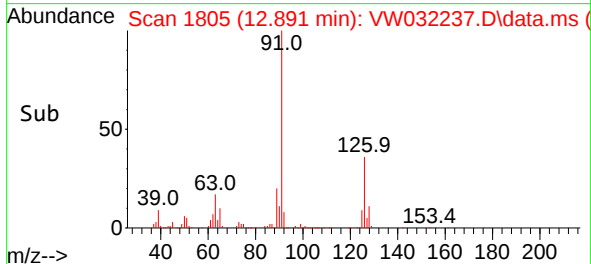
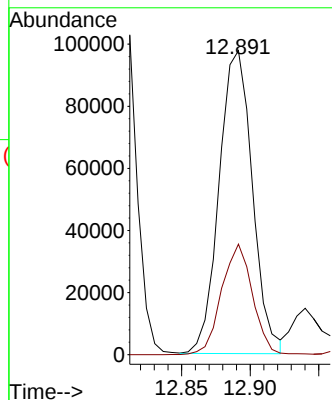
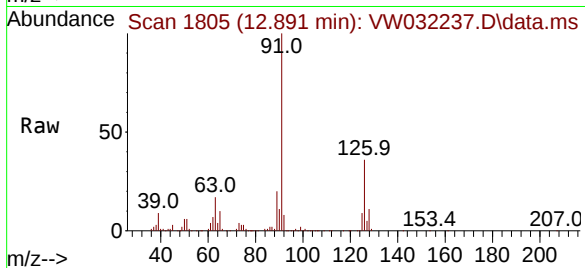
VW0923SBSD01

Tgt Ion: 91 Resp: 164621

Ion Ratio Lower Upper

91 100

126 34.0 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 20.720 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW032237.D

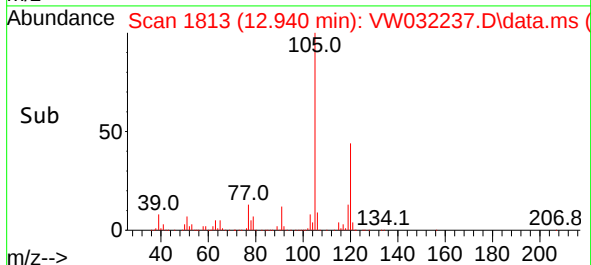
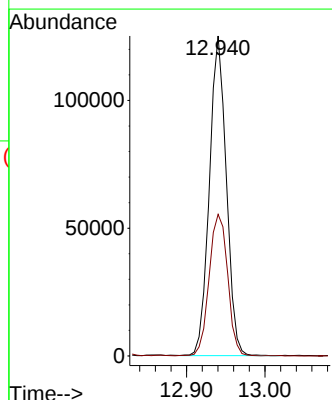
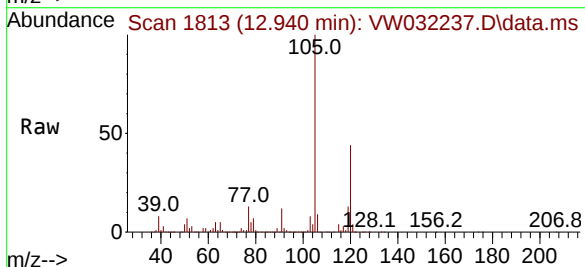
Acq: 23 Sep 2025 12:05

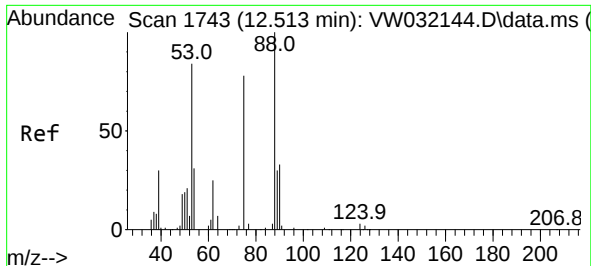
Tgt Ion: 105 Resp: 187470

Ion Ratio Lower Upper

105 100

120 48.2 24.8 74.4

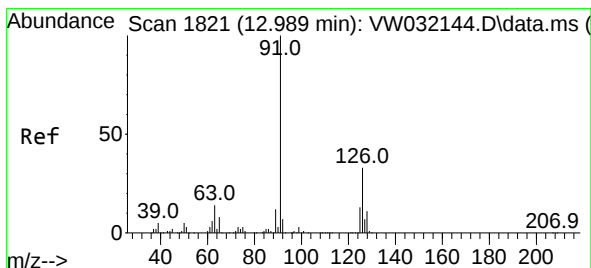
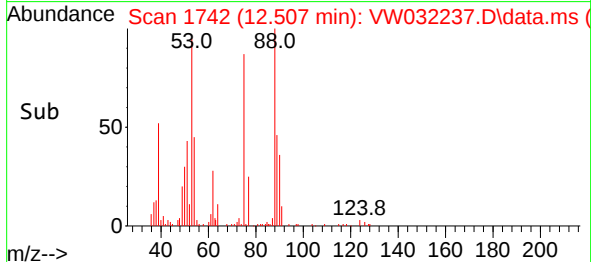
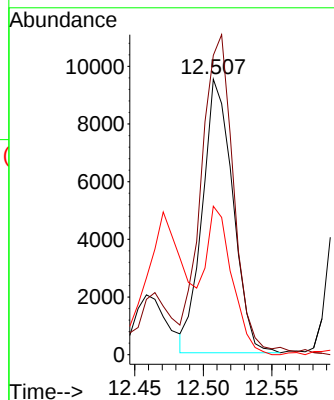
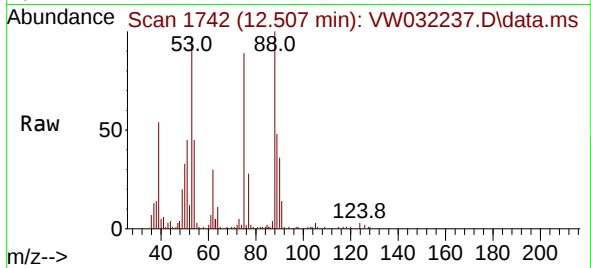




#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.069 ug/l  
RT: 12.507 min Scan# 1742  
Delta R.T. -0.006 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

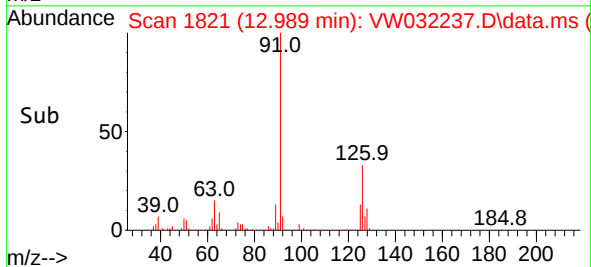
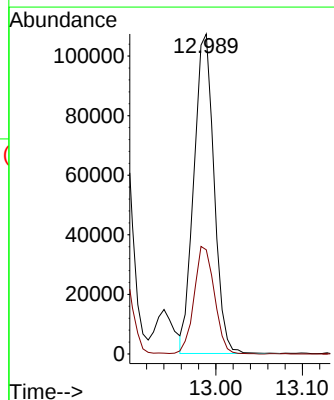
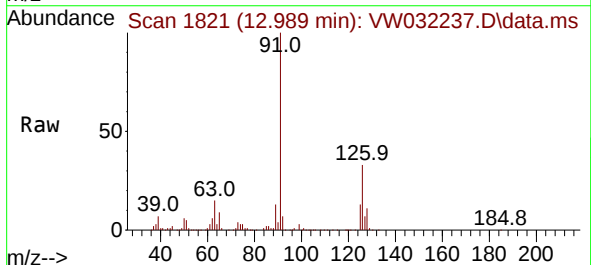
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0923SBSD01

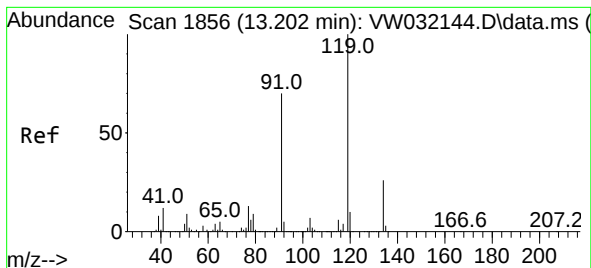
Tgt Ion: 75 Resp: 14689  
Ion Ratio Lower Upper  
75 100  
53 125.2 91.0 136.6  
89 46.7 39.4 59.2



#82  
4-Chlorotoluene  
Concen: 20.343 ug/l  
RT: 12.989 min Scan# 1821  
Delta R.T. 0.000 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

Tgt Ion: 91 Resp: 172761  
Ion Ratio Lower Upper  
91 100  
126 34.1 16.1 48.2

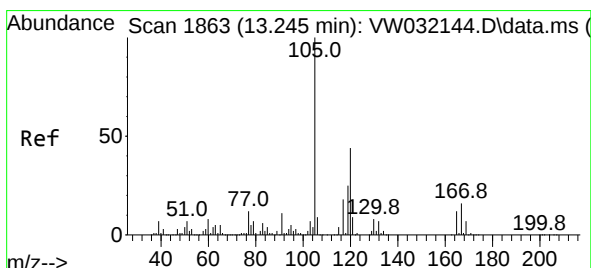
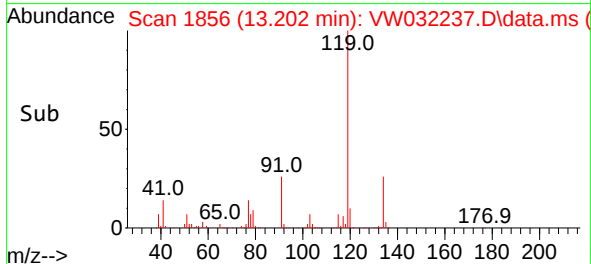
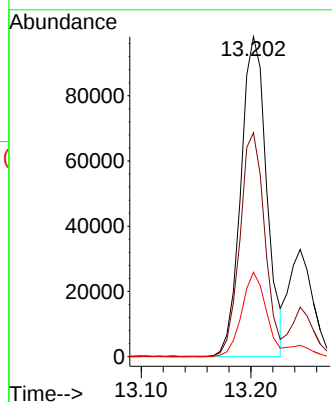
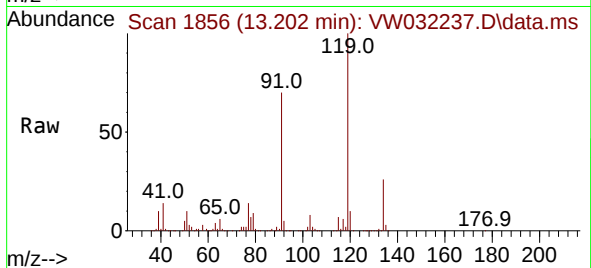




#83  
tert-Butylbenzene  
Concen: 20.882 ug/l  
RT: 13.202 min Scan# 1856  
Delta R.T. 0.000 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

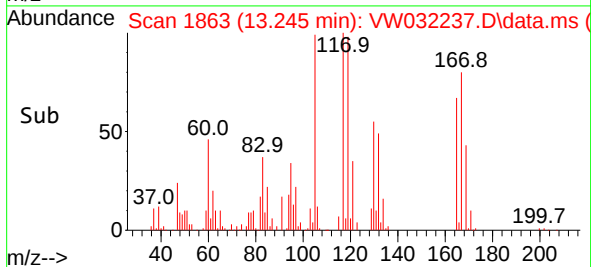
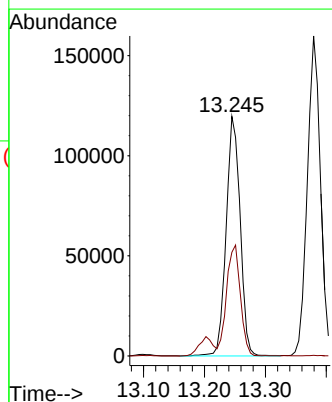
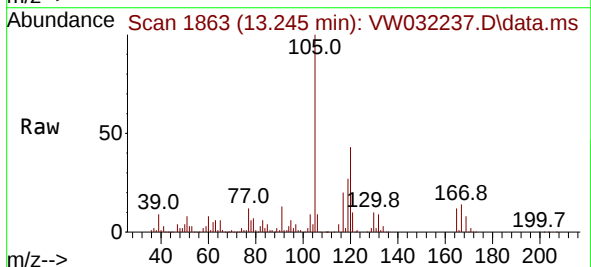
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0923SBSD01

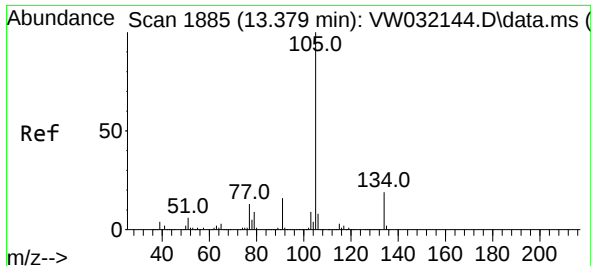
Tgt Ion:119 Resp: 160199  
Ion Ratio Lower Upper  
119 100  
91 67.1 33.8 101.3  
134 25.6 12.5 37.5



#84  
1,2,4-Trimethylbenzene  
Concen: 20.377 ug/l  
RT: 13.245 min Scan# 1863  
Delta R.T. 0.000 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

Tgt Ion:105 Resp: 190741  
Ion Ratio Lower Upper  
105 100  
120 45.6 22.1 66.3

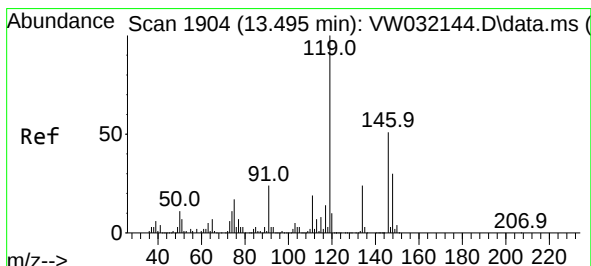
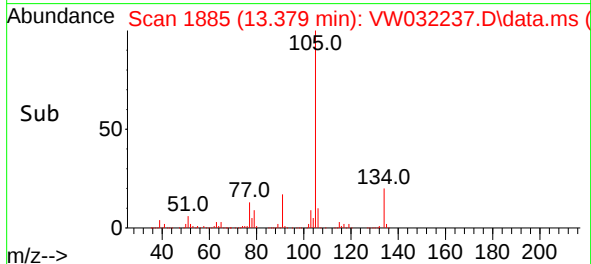
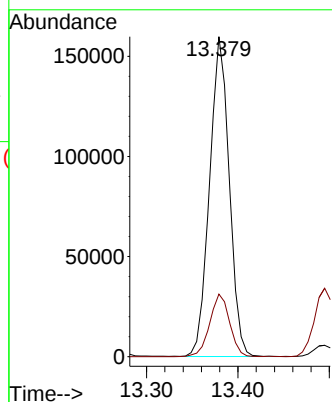
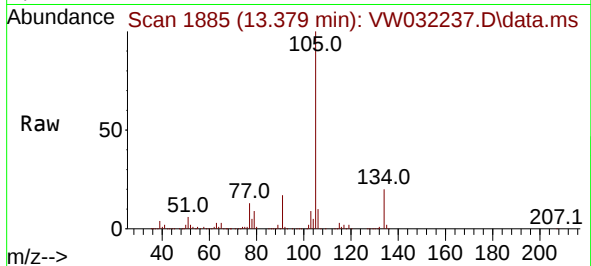




#85  
 sec-Butylbenzene  
 Concen: 20.840 ug/l  
 RT: 13.379 min Scan# 1885  
 Delta R.T. 0.000 min  
 Lab File: VW032237.D  
 Acq: 23 Sep 2025 12:05

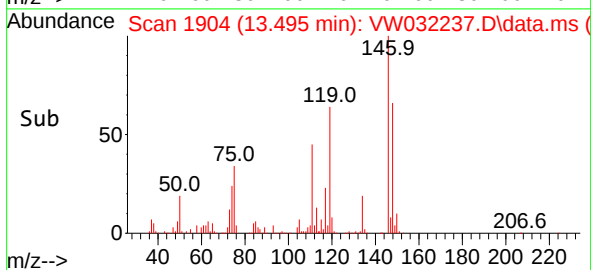
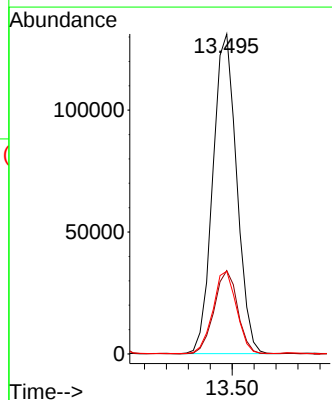
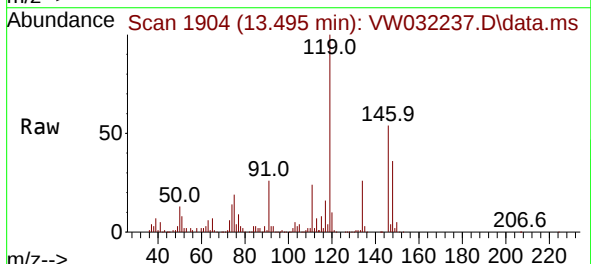
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0923SBSD01

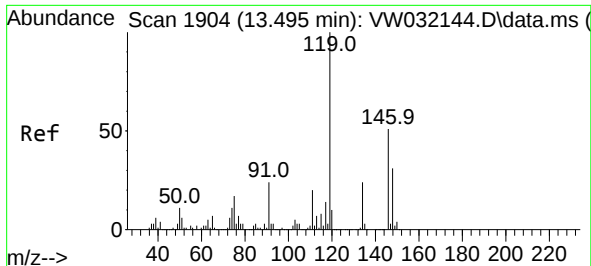
Tgt Ion:105 Resp: 238703  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 10.1 30.1



#86  
 p-Isopropyltoluene  
 Concen: 20.340 ug/l  
 RT: 13.495 min Scan# 1904  
 Delta R.T. 0.000 min  
 Lab File: VW032237.D  
 Acq: 23 Sep 2025 12:05

Tgt Ion:119 Resp: 198120  
 Ion Ratio Lower Upper  
 119 100  
 134 25.8 12.6 37.6  
 91 25.5 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 20.542 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032237.D

Acq: 23 Sep 2025 12:05

Instrument :

MSVOA\_W

ClientSampleId :

VW0923SBSD01

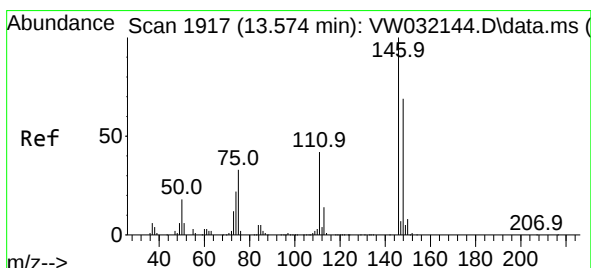
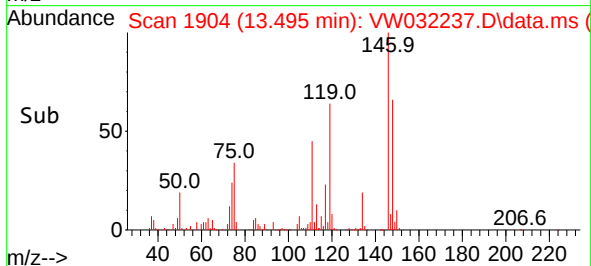
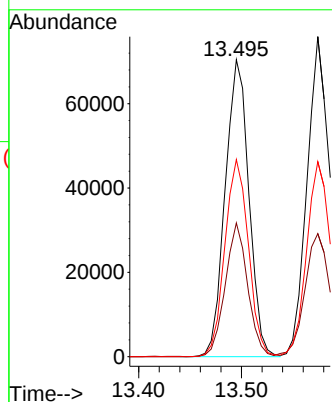
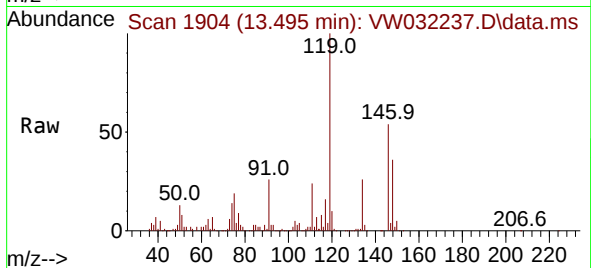
Tgt Ion:146 Resp: 112715

Ion Ratio Lower Upper

146 100

111 42.5 20.6 61.9

148 66.1 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 20.997 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032237.D

Acq: 23 Sep 2025 12:05

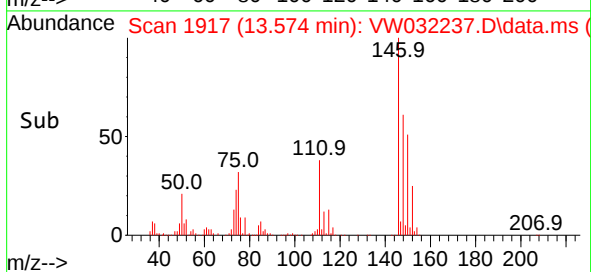
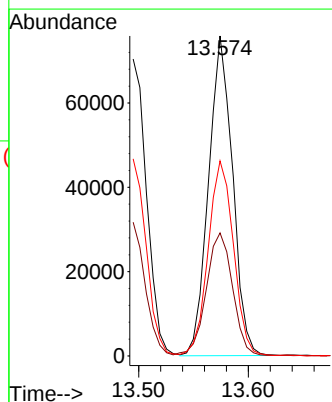
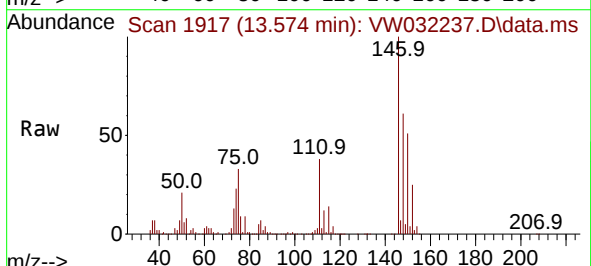
Tgt Ion:146 Resp: 115479

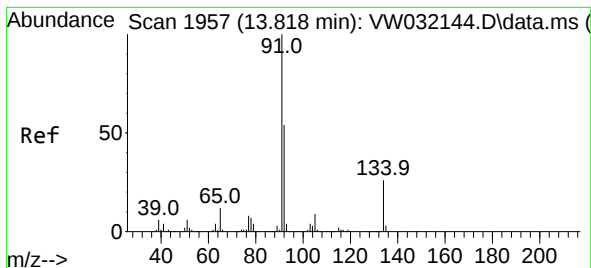
Ion Ratio Lower Upper

146 100

111 42.6 21.3 63.7

148 63.9 33.4 100.1





#89

n-Butylbenzene

Concen: 20.667 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032237.D

Acq: 23 Sep 2025 12:05

Instrument :

MSVOA\_W

ClientSampleId :

VW0923SBSD01

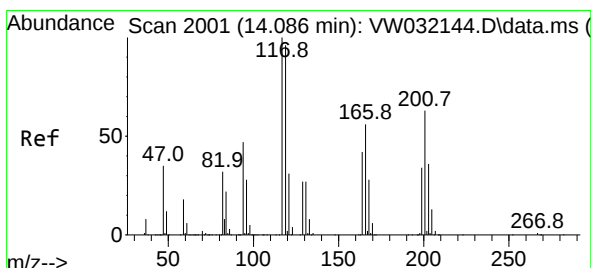
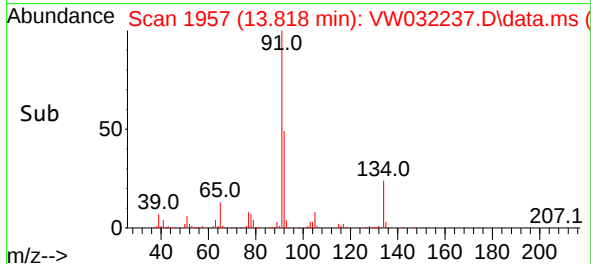
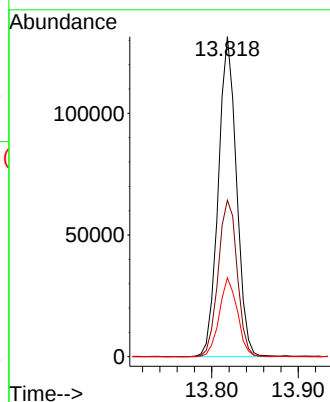
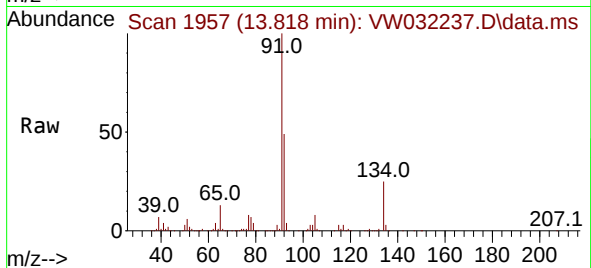
Tgt Ion: 91 Resp: 191928

Ion Ratio Lower Upper

91 100

92 51.1 27.0 81.0

134 24.5 13.1 39.3



#90

Hexachloroethane

Concen: 20.200 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW032237.D

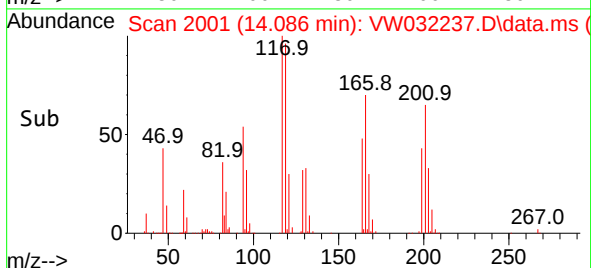
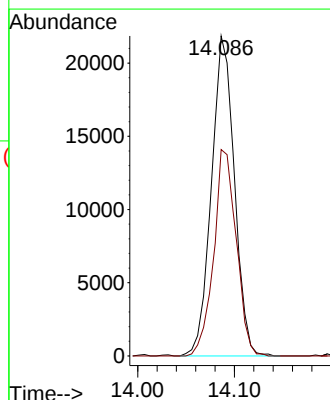
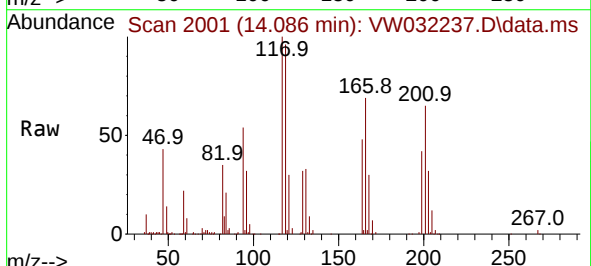
Acq: 23 Sep 2025 12:05

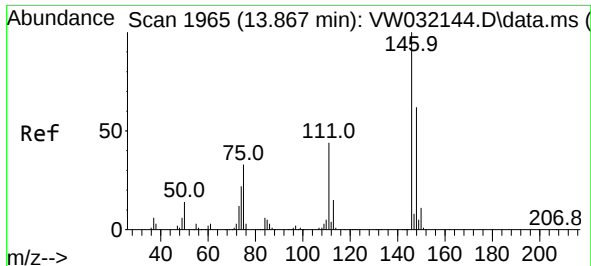
Tgt Ion: 117 Resp: 35989

Ion Ratio Lower Upper

117 100

201 63.4 32.8 98.4

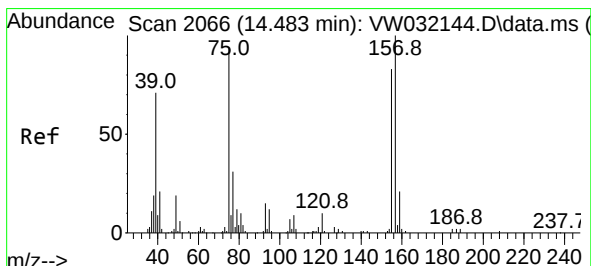
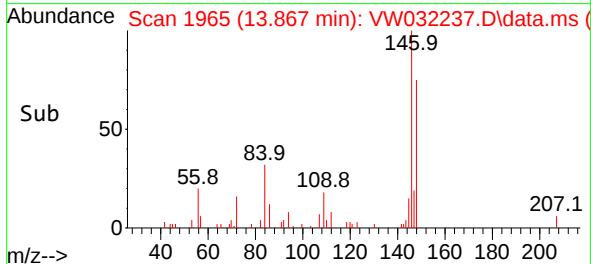
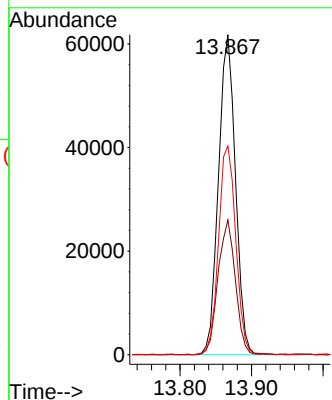
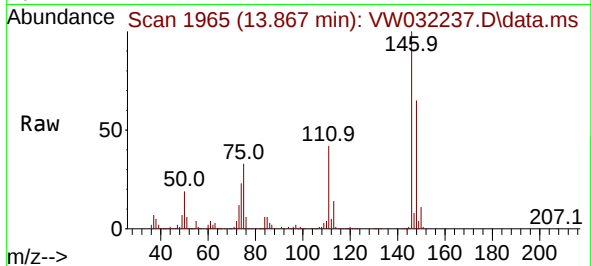




#91  
1,2-Dichlorobenzene  
Concen: 21.032 ug/l  
RT: 13.867 min Scan# 1965  
Delta R.T. 0.000 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

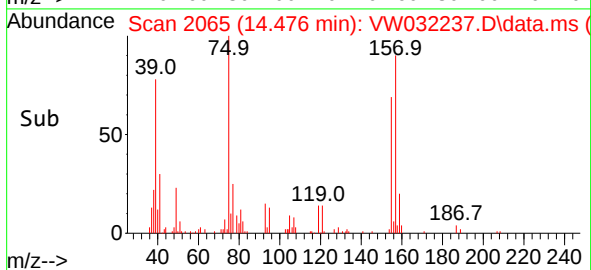
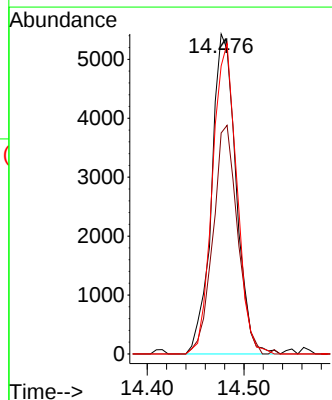
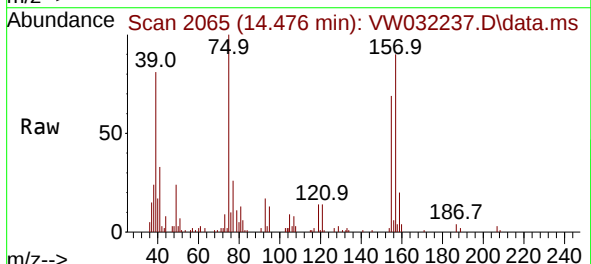
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MSVOA\_W  
ClientSampleId :  
VW0923SBSD01

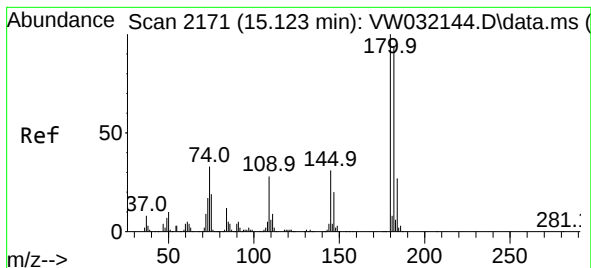
Tgt Ion:146 Resp: 102171  
Ion Ratio Lower Upper  
146 100  
111 42.7 23.4 70.0  
148 66.1 34.1 102.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 21.315 ug/l  
RT: 14.476 min Scan# 2065  
Delta R.T. -0.006 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

Tgt Ion: 75 Resp: 9563  
Ion Ratio Lower Upper  
75 100  
155 71.8 40.8 122.5  
157 95.8 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 19.961 ug/l

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW032237.D

Acq: 23 Sep 2025 12:05

Instrument :

MSVOA\_W

ClientSampleId :

VW0923SBS01

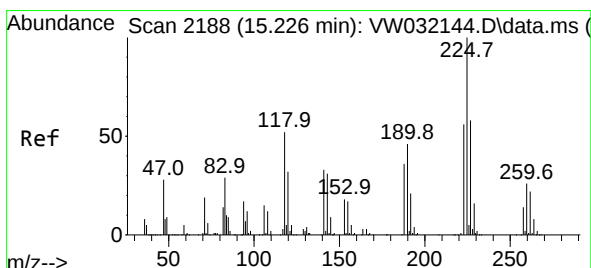
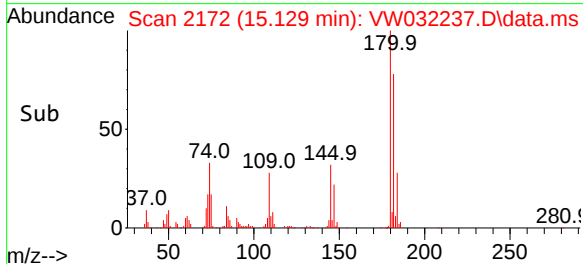
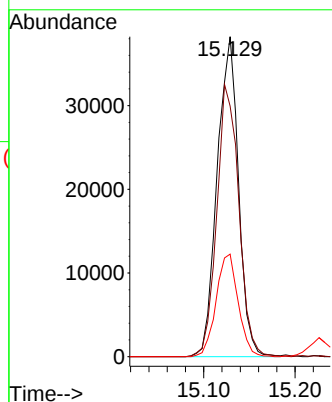
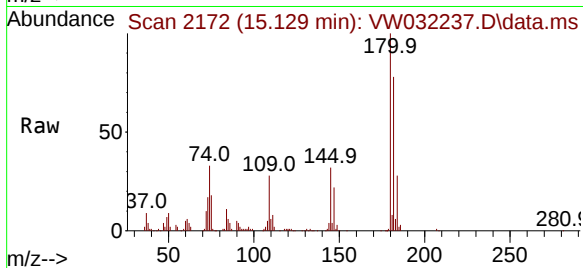
Tgt Ion:180 Resp: 61953

Ion Ratio Lower Upper

180 100

182 87.9 47.4 142.2

145 33.2 16.4 49.1



#94

Hexachlorobutadiene

Concen: 18.782 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW032237.D

Acq: 23 Sep 2025 12:05

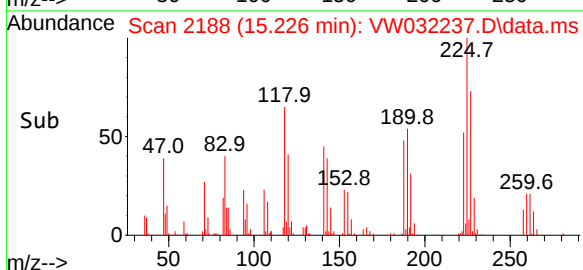
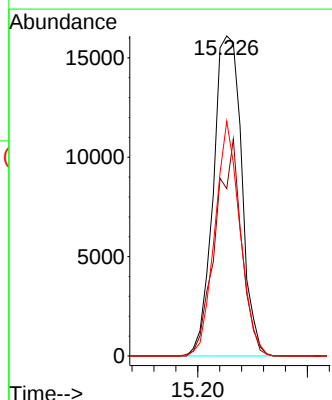
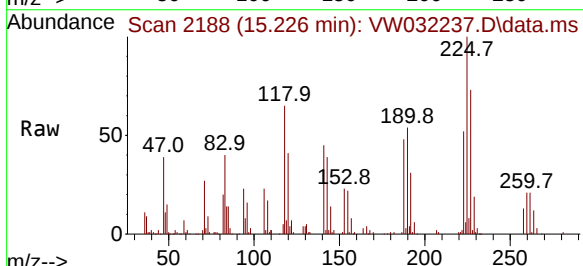
Tgt Ion:225 Resp: 28912

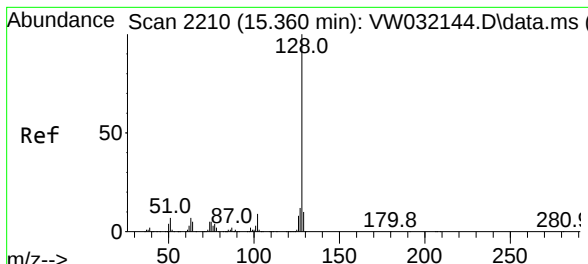
Ion Ratio Lower Upper

225 100

223 61.9 29.8 89.3

227 65.0 30.5 91.5

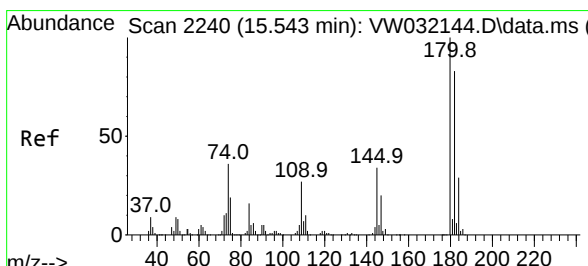
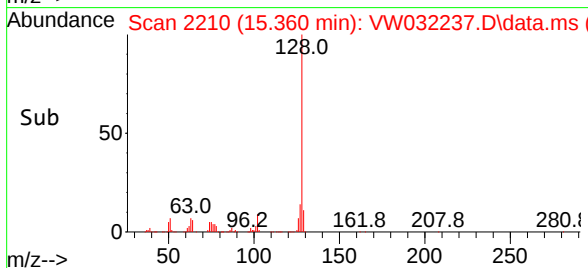
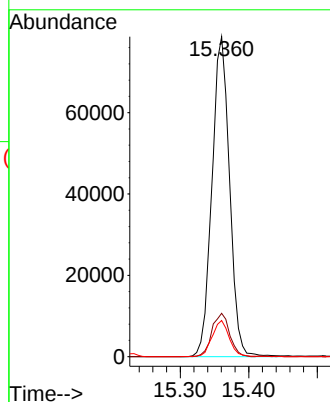
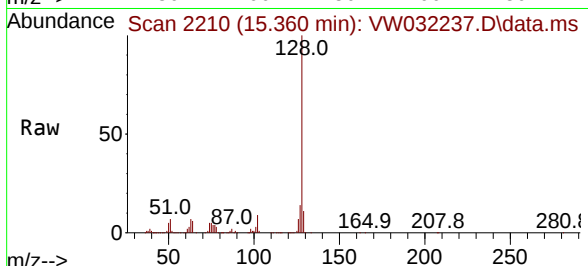




#95  
Naphthalene  
Concen: 19.941 ug/l  
RT: 15.360 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0923SBSD01

Tgt Ion:128 Resp: 140073  
Ion Ratio Lower Upper  
128 100  
127 13.7 10.6 16.0  
129 11.1 8.4 12.6



#96  
1,2,3-Trichlorobenzene  
Concen: 20.476 ug/l  
RT: 15.543 min Scan# 2240  
Delta R.T. 0.000 min  
Lab File: VW032237.D  
Acq: 23 Sep 2025 12:05

Tgt Ion:180 Resp: 59103  
Ion Ratio Lower Upper  
180 100  
182 90.9 47.7 143.1  
145 34.9 17.2 51.6

