

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU071425\  
 Data File : VU063509.D  
 Acq On : 14 Jul 2025 16:06  
 Operator : MD/SY  
 Sample : VSTDCCC050  
 Misc : 5mL/MSVOA\_U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jul 15 01:38:01 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U070825W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 15 01:29:09 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.358  | 168  | 99428    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.236  | 114  | 178600   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.409  | 117  | 168356   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.804 | 152  | 94000    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 5.692  | 65    | 68941    | 54.345   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 108.680% |      |
| 35) Dibromofluoromethane    | 5.274  | 113   | 57301    | 53.226   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 106.460% |      |
| 50) Toluene-d8              | 7.888  | 98    | 171081   | 48.751   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 97.500%  |      |
| 62) 4-Bromofluorobenzene    | 10.624 | 95    | 81497    | 53.093   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 106.180% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.380 | 85  | 33915  | 42.889  | ug/l   | 98  |
| 3) Chloromethane             | 1.519 | 50  | 40405  | 41.950  | ug/l   | 100 |
| 4) Vinyl Chloride            | 1.596 | 62  | 50153  | 46.960  | ug/l   | 96  |
| 5) Bromomethane              | 1.843 | 94  | 40719  | 54.418  | ug/l   | 99  |
| 6) Chloroethane              | 1.921 | 64  | 36175  | 46.749  | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 2.126 | 101 | 89697  | 52.061  | ug/l   | 99  |
| 8) Diethyl Ether             | 2.368 | 74  | 37956  | 52.861  | ug/l   | 97  |
| 9) 1,1,2-Trichlorotrifluo... | 2.564 | 101 | 51641  | 50.675  | ug/l   | 97  |
| 10) Methyl Iodide            | 2.705 | 142 | 47934  | 45.032  | ug/l   | 96  |
| 11) Tert butyl alcohol       | 3.197 | 59  | 131963 | 310.255 | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 2.564 | 96  | 47774  | 50.362  | ug/l   | 99  |
| 13) Acrolein                 | 2.477 | 56  | 14656  | 244.120 | ug/l   | 89  |
| 14) Allyl chloride           | 2.905 | 41  | 114304 | 50.622  | ug/l   | 99  |
| 15) Acrylonitrile            | 3.303 | 53  | 271085 | 297.545 | ug/l   | 98  |
| 16) Acetone                  | 2.622 | 43  | 265276 | 249.282 | ug/l   | 99  |
| 17) Carbon Disulfide         | 2.773 | 76  | 86334  | 38.072  | ug/l   | 98  |
| 18) Methyl Acetate           | 2.940 | 43  | 176492 | 64.446  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether  | 3.358 | 73  | 226406 | 55.341  | ug/l   | 100 |
| 20) Methylene Chloride       | 3.027 | 84  | 63572  | 40.971  | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene | 3.329 | 96  | 49797  | 48.861  | ug/l   | 96  |
| 22) Diisopropyl ether        | 3.988 | 45  | 202045 | 52.551  | ug/l   | 99  |
| 23) Vinyl Acetate            | 3.946 | 43  | 815496 | 273.356 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 3.847 | 63  | 116946 | 53.595  | ug/l   | 98  |
| 25) 2-Butanone               | 4.705 | 43  | 347862 | 291.190 | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 4.644 | 77  | 96364  | 50.761  | ug/l   | 96  |
| 27) cis-1,2-Dichloroethene   | 4.647 | 96  | 71196  | 52.925  | ug/l   | 97  |
| 28) Bromochloromethane       | 4.956 | 49  | 56389  | 55.014  | ug/l   | 97  |
| 29) Tetrahydrofuran          | 5.052 | 42  | 220434 | 292.514 | ug/l   | 99  |
| 30) Chloroform               | 5.072 | 83  | 125723 | 54.574  | ug/l   | 96  |
| 31) Cyclohexane              | 5.364 | 56  | 80865  | 46.100  | ug/l   | 96  |
| 32) 1,1,1-Trichloroethane    | 5.297 | 97  | 106573 | 54.331  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 5.509 | 75  | 73033  | 49.926  | ug/l   | 97  |
| 37) Ethyl Acetate            | 4.805 | 43  | 115544 | 48.772  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 5.506 | 117 | 79510  | 49.330  | ug/l   | 99  |
| 39) Methylcyclohexane        | 6.747 | 83  | 76892  | 43.503  | ug/l   | 97  |
| 40) Benzene                  | 5.756 | 78  | 237136 | 51.907  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\U071425\  
 Data File : U063509.D  
 Acq On : 14 Jul 2025 16:06  
 Operator : MD/SY  
 Sample : VSTDCCC050  
 Misc : 5mL/MSVOA\_U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jul 15 01:38:01 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U070825W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 15 01:29:09 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.966  | 41   | 65146    | 58.278  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 5.782  | 62   | 96484    | 56.167  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 5.911  | 43   | 177548   | 56.423  | ug/l   | 98       |
| 44) Trichloroethene           | 6.528  | 130  | 61077    | 49.958  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 6.779  | 63   | 67624    | 53.247  | ug/l   | 98       |
| 46) Dibromomethane            | 6.904  | 93   | 50508    | 55.896  | ug/l   | 96       |
| 47) Bromodichloromethane      | 7.091  | 83   | 98395    | 52.368  | ug/l   | 100      |
| 48) Methyl methacrylate       | 6.956  | 41   | 80309    | 55.218  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 6.965  | 88   | 30858    | 966.891 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone      | 7.782  | 43   | 651446   | 286.027 | ug/l   | 98       |
| 52) Toluene                   | 7.959  | 92   | 153209   | 51.273  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 8.200  | 75   | 85539    | 52.025  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 7.596  | 75   | 100079   | 54.374  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 8.390  | 97   | 70411    | 55.485  | ug/l   | 94       |
| 56) Ethyl methacrylate        | 8.325  | 69   | 105264   | 51.422  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 8.563  | 76   | 113164   | 54.099  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 7.461  | 63   | 9192     | 432.430 | ug/l   | 97       |
| 59) 2-Hexanone                | 8.676  | 43   | 478901   | 278.000 | ug/l   | 98       |
| 60) Dibromochloromethane      | 8.798  | 129  | 76651    | 53.919  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 8.914  | 107  | 68337    | 54.867  | ug/l   | 99       |
| 64) Tetrachloroethene         | 8.544  | 164  | 55828    | 44.545  | ug/l   | 98       |
| 65) Chlorobenzene             | 9.438  | 112  | 180479   | 51.526  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 9.522  | 131  | 62676    | 52.176  | ug/l   | 98       |
| 67) Ethyl Benzene             | 9.560  | 91   | 300640   | 49.941  | ug/l   | 99       |
| 68) m/p-Xylenes               | 9.682  | 106  | 228867   | 99.616  | ug/l   | 96       |
| 69) o-Xylene                  | 10.091 | 106  | 116077   | 49.694  | ug/l   | 99       |
| 70) Styrene                   | 10.107 | 104  | 194986   | 52.500  | ug/l   | 98       |
| 71) Bromoform                 | 10.280 | 173  | 51026    | 48.734  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.473 | 105  | 315266   | 49.291  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.313 | 43   | 147558   | 51.444  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 10.772 | 83   | 122185   | 51.898  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 10.814 | 75   | 122394   | 49.138  | ug/l # | 81       |
| 77) Bromobenzene              | 10.772 | 156  | 76317    | 48.677  | ug/l   | 95       |
| 78) n-propylbenzene           | 10.898 | 91   | 362296   | 48.842  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 10.975 | 91   | 229584   | 49.351  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.078 | 105  | 269532   | 48.179  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 10.538 | 75   | 20265    | 40.577  | ug/l # | 84       |
| 82) 4-Chlorotoluene           | 11.087 | 91   | 261147   | 49.446  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 11.409 | 119  | 267527   | 49.865  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.460 | 105  | 267618   | 48.715  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.634 | 105  | 343070   | 48.461  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 11.785 | 119  | 281259   | 48.972  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 11.737 | 146  | 147814   | 48.925  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 11.827 | 146  | 152821   | 49.613  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.200 | 91   | 255939   | 48.148  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.467 | 117  | 44703    | 46.538  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 12.203 | 146  | 148246   | 50.320  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.988 | 75   | 30600    | 54.878  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 13.833 | 180  | 91606    | 48.553  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 14.013 | 225  | 36627    | 45.415  | ug/l   | 99       |
| 95) Naphthalene               | 14.078 | 128  | 304284   | 49.247  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 14.322 | 180  | 89514    | 48.278  | ug/l   | 98       |

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Data File : VU063509.D  
Acq On : 14 Jul 2025 16:06  
Operator : MD/SY  
Sample : VSTDCCC050  
Misc : 5mL/MSVOA\_U/WATER  
ALS Vial : 15 Sample Multiplier: 1

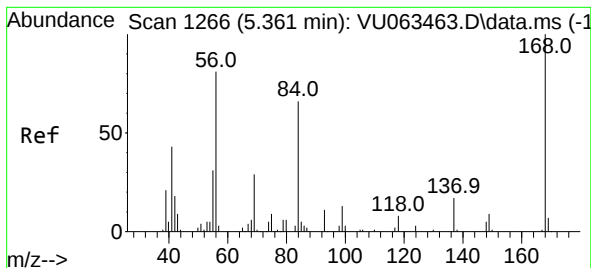
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Jul 15 01:38:01 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U070825W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 15 01:29:09 2025  
Response via : Initial Calibration

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

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

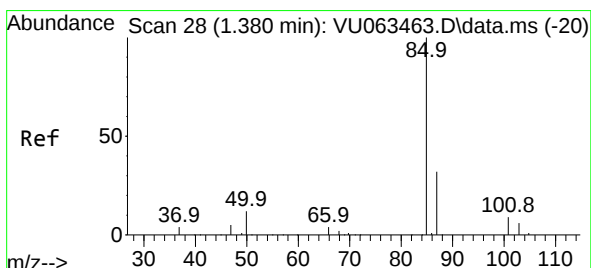
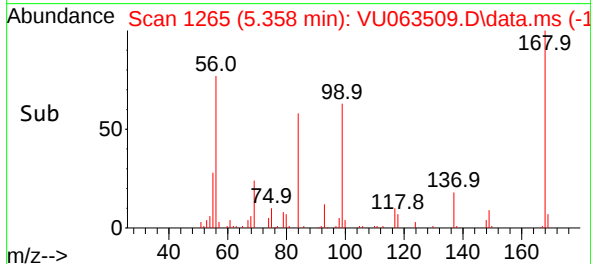
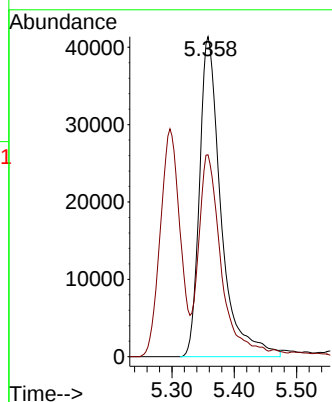
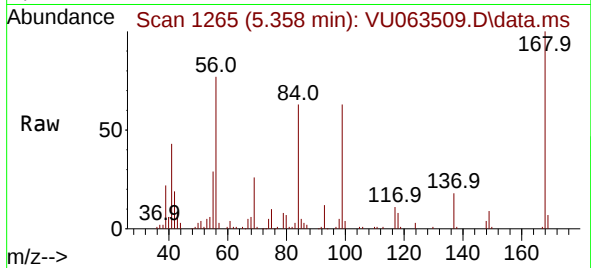




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.358 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

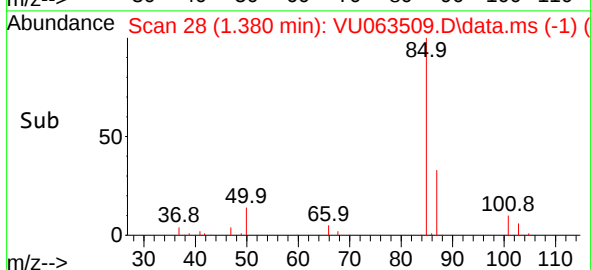
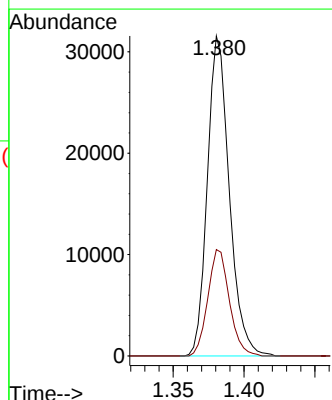
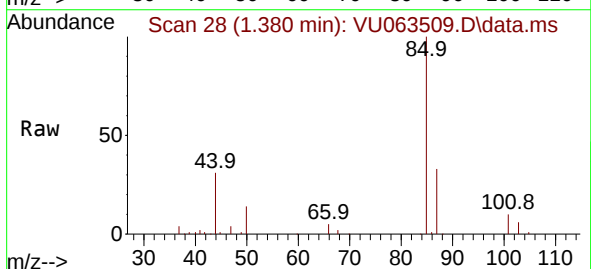
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MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

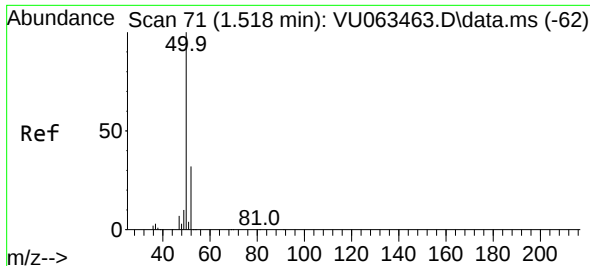
Tgt Ion:168 Resp: 99428  
Ion Ratio Lower Upper  
168 100  
99 61.5 47.7 71.5



#2  
Dichlorodifluoromethane  
Concen: 42.889 ug/l  
RT: 1.380 min Scan# 28  
Delta R.T. 0.000 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

Tgt Ion: 85 Resp: 33915  
Ion Ratio Lower Upper  
85 100  
87 33.2 16.1 48.2

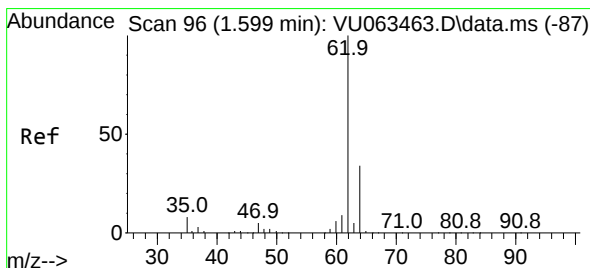
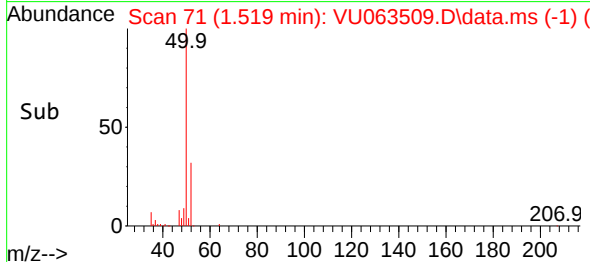
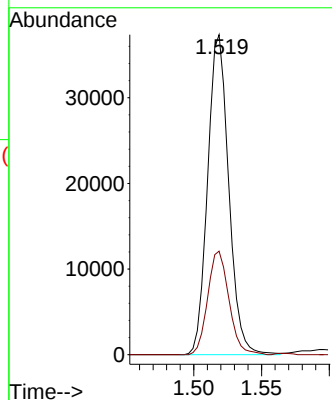
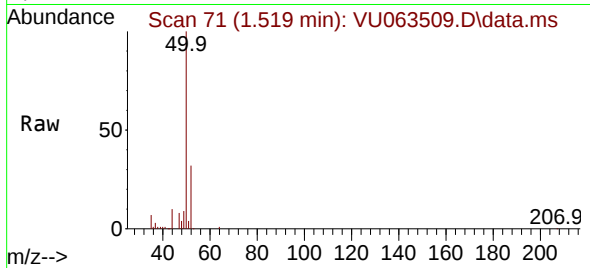




#3  
Chloromethane  
Concen: 41.950 ug/l  
RT: 1.519 min Scan# 71  
Delta R.T. 0.001 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

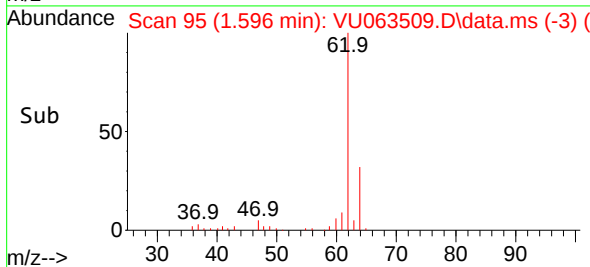
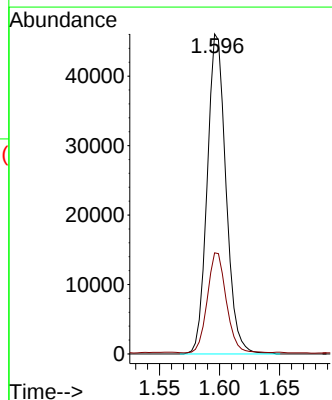
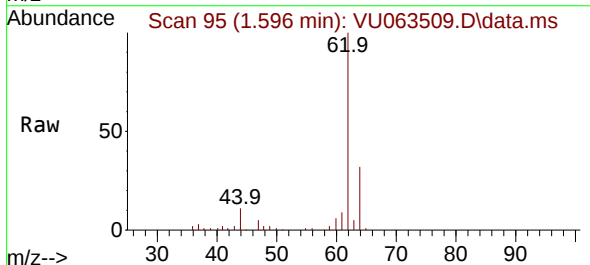
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

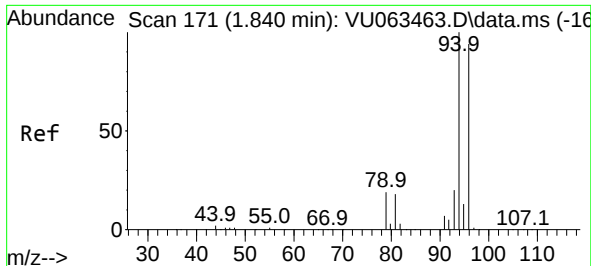
Tgt Ion: 50 Resp: 40405  
Ion Ratio Lower Upper  
50 100  
52 32.4 25.8 38.8



#4  
Vinyl Chloride  
Concen: 46.960 ug/l  
RT: 1.596 min Scan# 95  
Delta R.T. -0.003 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

Tgt Ion: 62 Resp: 50153  
Ion Ratio Lower Upper  
62 100  
64 31.2 26.9 40.3

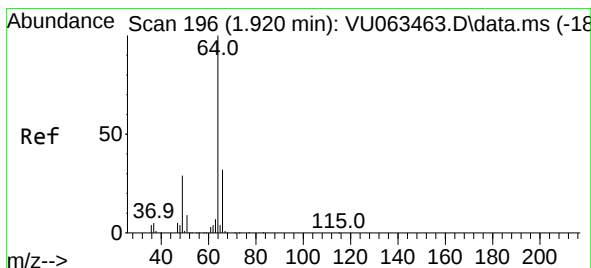
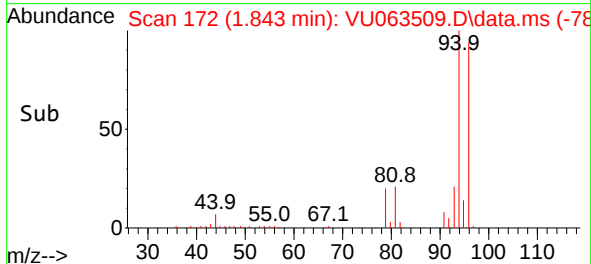
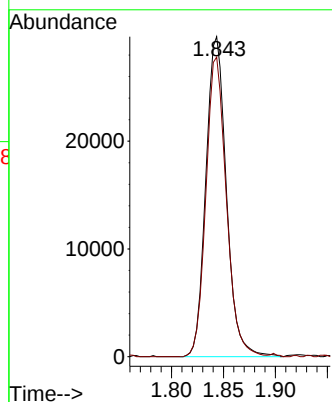
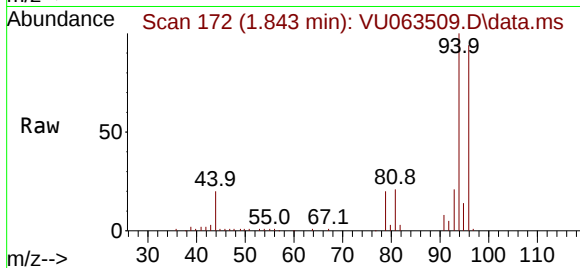




#5  
Bromomethane  
Concen: 54.418 ug/l  
RT: 1.843 min Scan# 171  
Delta R.T. 0.003 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

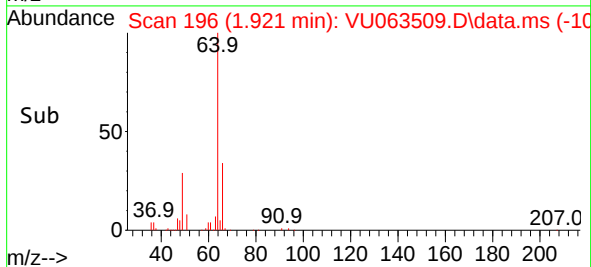
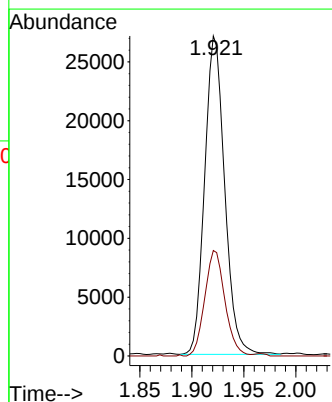
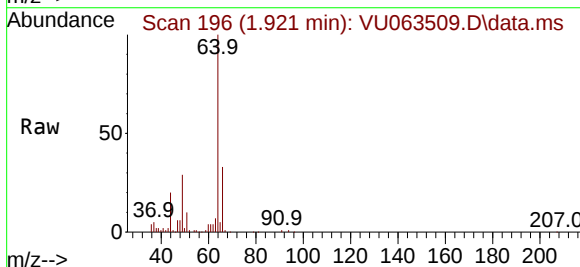
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 94 Resp: 40719  
Ion Ratio Lower Upper  
94 100  
96 93.6 75.5 113.3



#6  
Chloroethane  
Concen: 46.749 ug/l  
RT: 1.921 min Scan# 196  
Delta R.T. 0.001 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

Tgt Ion: 64 Resp: 36175  
Ion Ratio Lower Upper  
64 100  
66 33.1 25.3 37.9

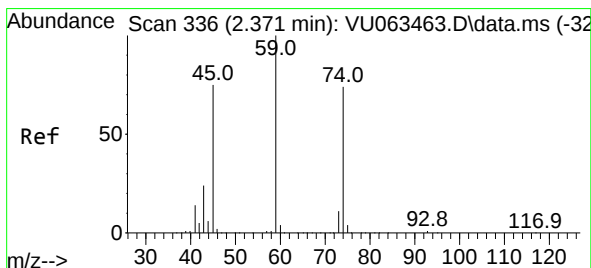
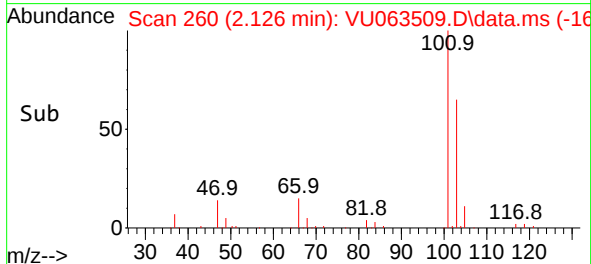
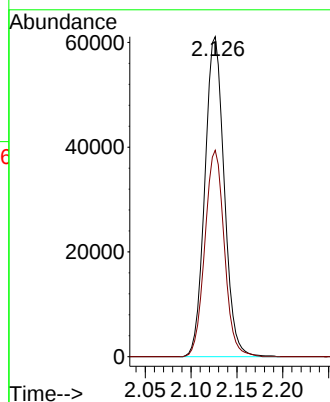
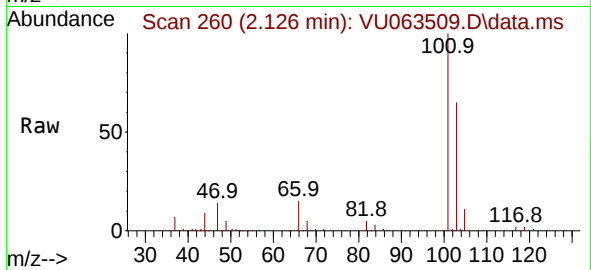




#7  
Trichlorofluoromethane  
Concen: 52.061 ug/l  
RT: 2.126 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

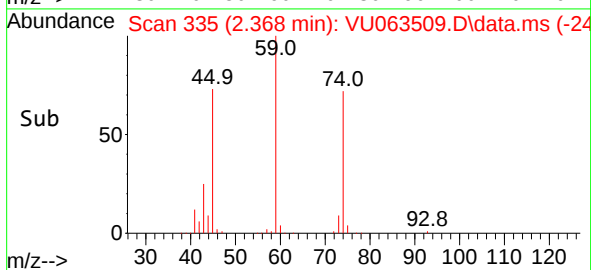
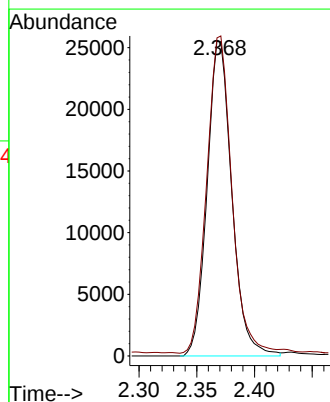
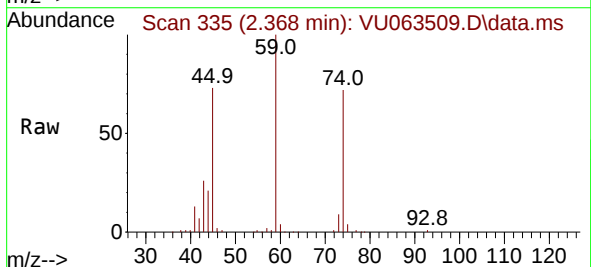
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

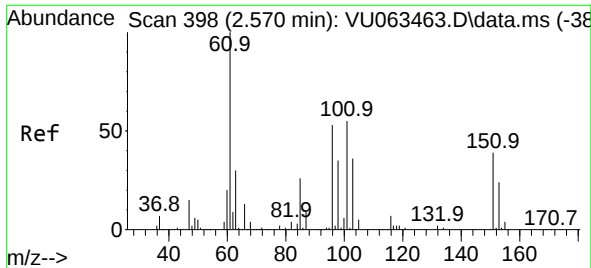
Tgt Ion:101 Resp: 89697  
Ion Ratio Lower Upper  
101 100  
103 64.5 51.1 76.7



#8  
Diethyl Ether  
Concen: 52.861 ug/l  
RT: 2.368 min Scan# 335  
Delta R.T. -0.003 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

Tgt Ion: 74 Resp: 37956  
Ion Ratio Lower Upper  
74 100  
45 102.7 49.7 149.1

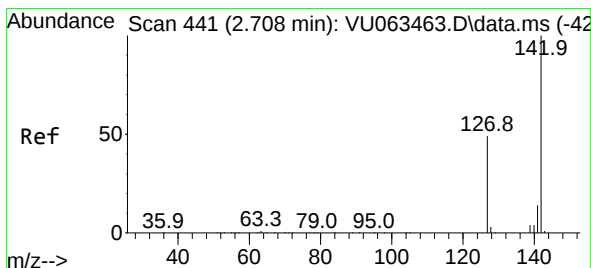
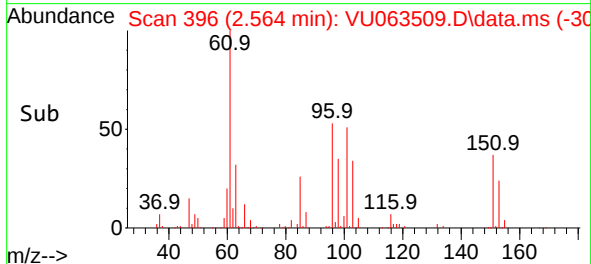
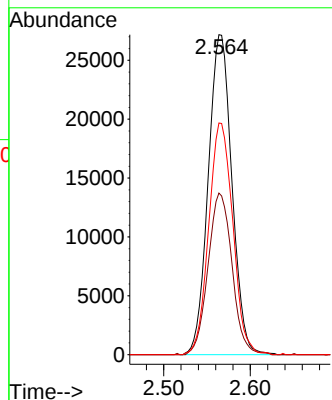
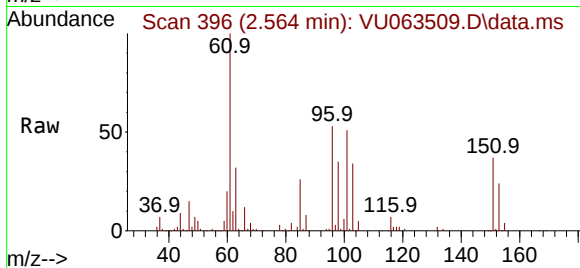




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.675 ug/l  
RT: 2.564 min Scan# 398  
Delta R.T. -0.006 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

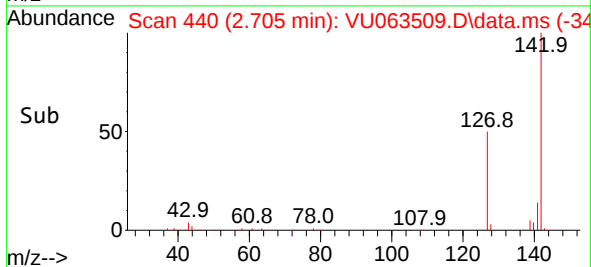
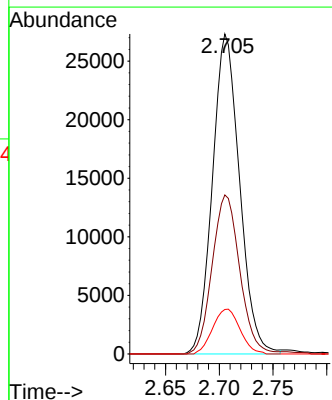
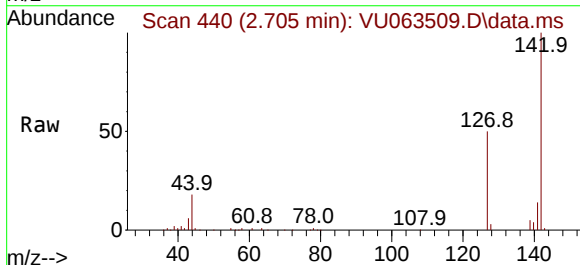
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

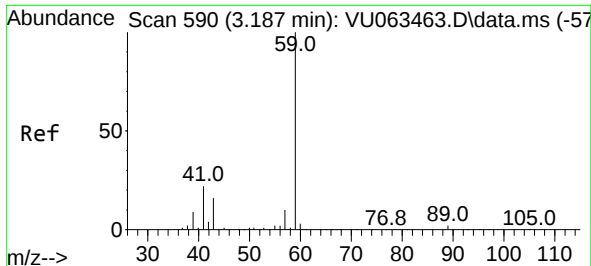
Tgt Ion:101 Resp: 51641  
Ion Ratio Lower Upper  
101 100  
85 51.1 39.6 59.4  
151 73.7 57.2 85.8



#10  
Methyl Iodide  
Concen: 45.032 ug/l  
RT: 2.705 min Scan# 440  
Delta R.T. -0.003 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

Tgt Ion:142 Resp: 47934  
Ion Ratio Lower Upper  
142 100  
127 50.9 38.2 57.4  
141 14.1 11.1 16.7

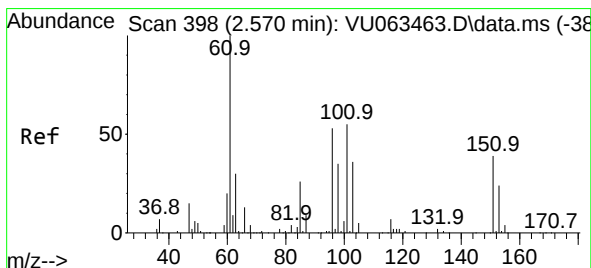
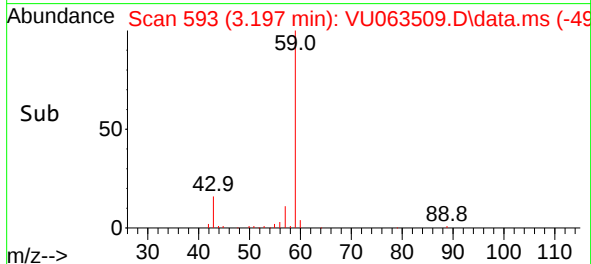
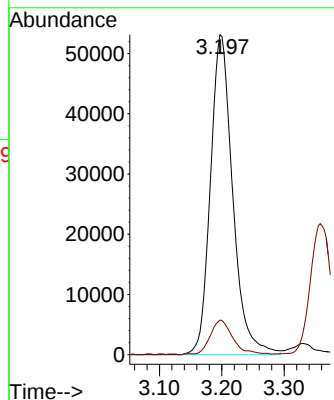
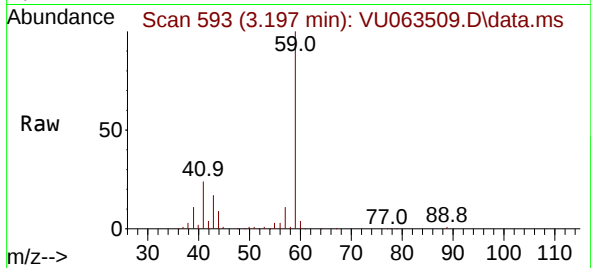




#11  
Tert butyl alcohol  
Concen: 310.255 ug/l  
RT: 3.197 min Scan# 591  
Delta R.T. 0.010 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

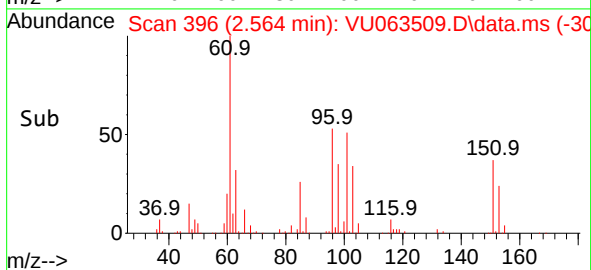
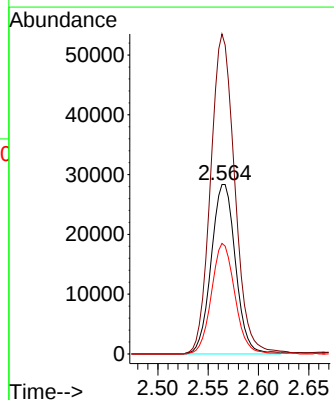
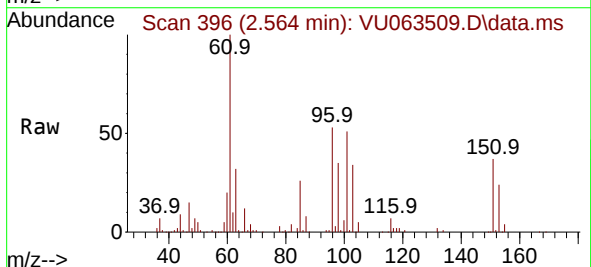
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

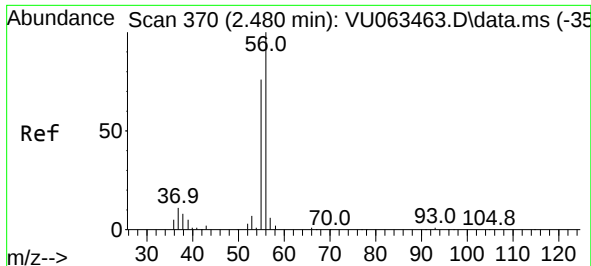
Tgt Ion: 59 Resp: 131963  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.8 13.2



#12  
1,1-Dichloroethene  
Concen: 50.362 ug/l  
RT: 2.564 min Scan# 396  
Delta R.T. -0.006 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

Tgt Ion: 96 Resp: 47774  
Ion Ratio Lower Upper  
96 100  
61 188.9 149.6 224.4  
98 65.2 52.0 78.0

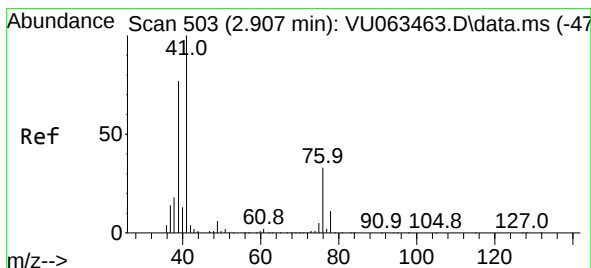
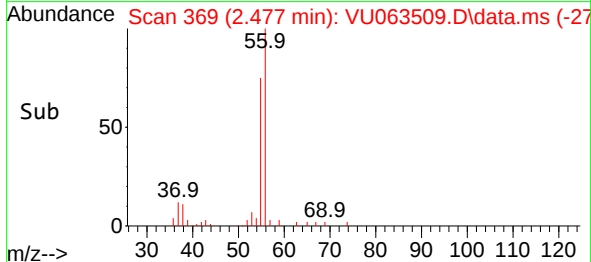
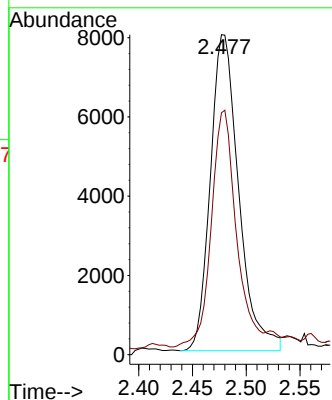
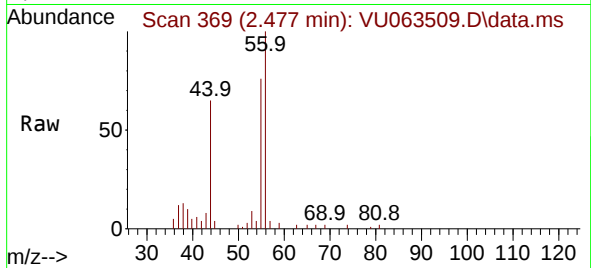




#13  
Acrolein  
Concen: 244.120 ug/l  
RT: 2.477 min Scan# 30  
Delta R.T. -0.003 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

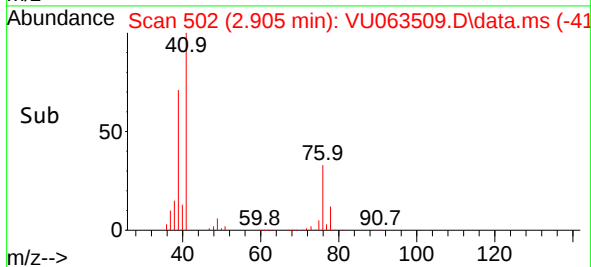
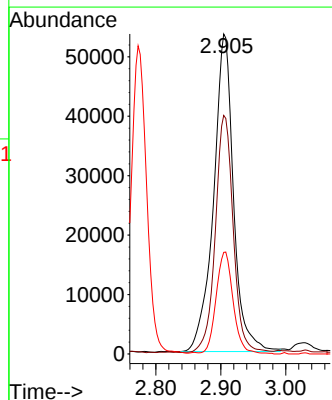
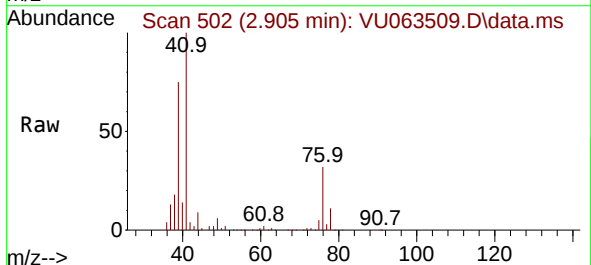
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

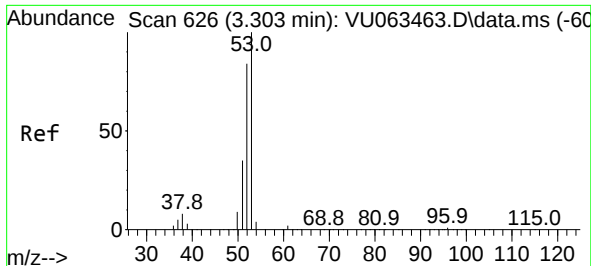
Tgt Ion: 56 Resp: 14656  
Ion Ratio Lower Upper  
56 100  
55 65.7 60.2 90.2



#14  
Allyl chloride  
Concen: 50.622 ug/l  
RT: 2.905 min Scan# 502  
Delta R.T. -0.003 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

Tgt Ion: 41 Resp: 114304  
Ion Ratio Lower Upper  
41 100  
39 66.9 53.9 80.9  
76 27.5 23.1 34.7

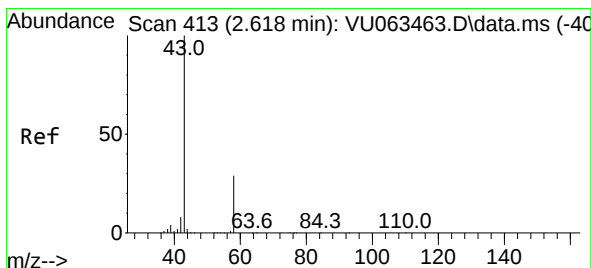
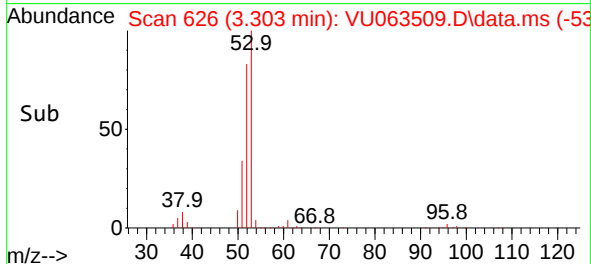
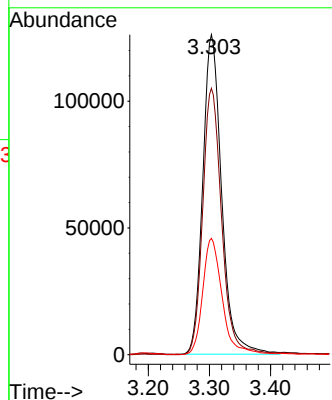
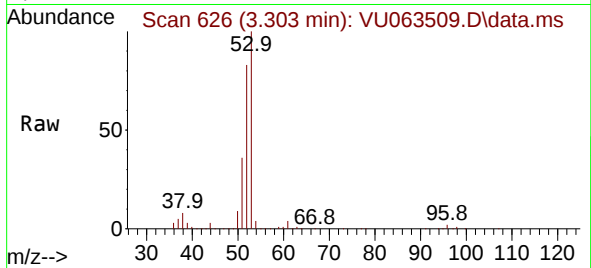




#15  
Acrylonitrile  
Concen: 297.545 ug/l  
RT: 3.303 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

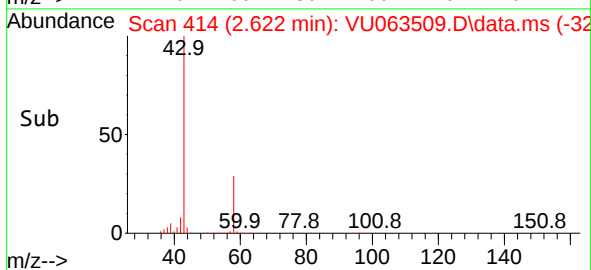
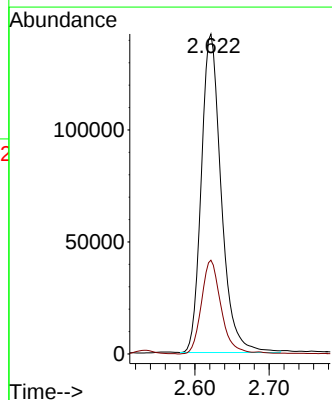
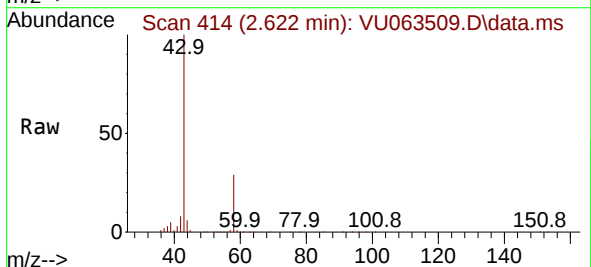
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

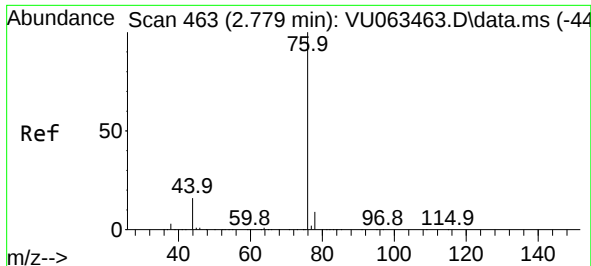
Tgt Ion: 53 Resp: 271085  
Ion Ratio Lower Upper  
53 100  
52 83.6 65.0 97.4  
51 37.1 28.8 43.2



#16  
Acetone  
Concen: 249.282 ug/l  
RT: 2.622 min Scan# 414  
Delta R.T. 0.003 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

Tgt Ion: 43 Resp: 265276  
Ion Ratio Lower Upper  
43 100  
58 29.4 23.1 34.7

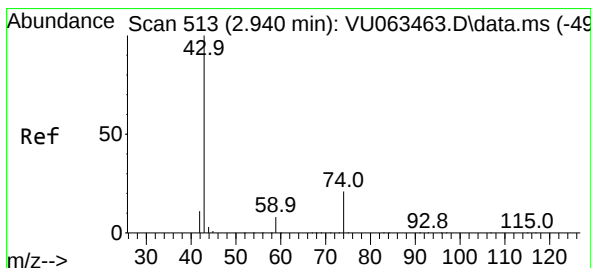
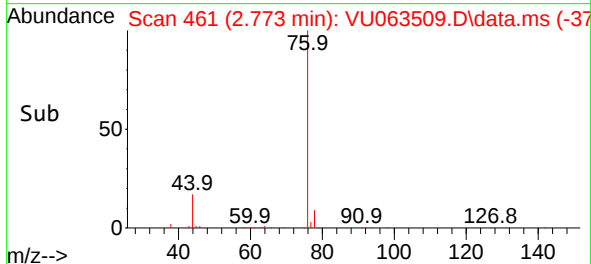
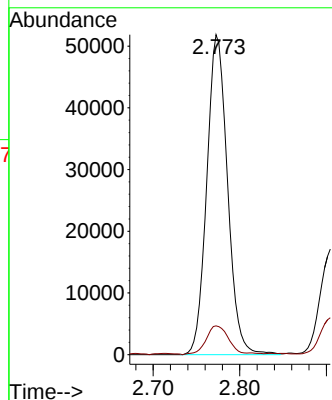
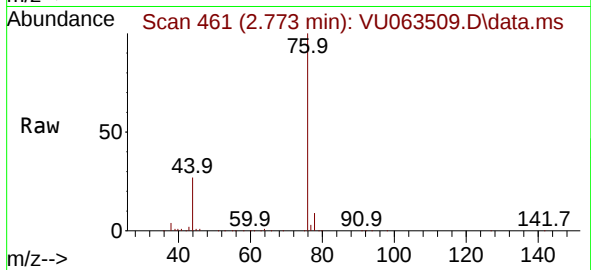




#17  
Carbon Disulfide  
Concen: 38.072 ug/l  
RT: 2.773 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

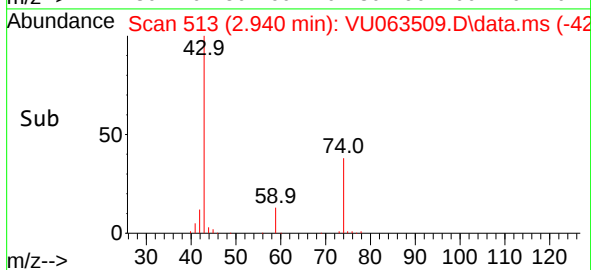
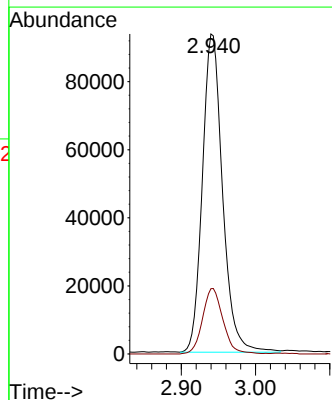
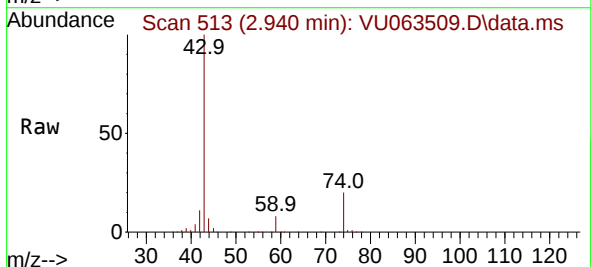
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

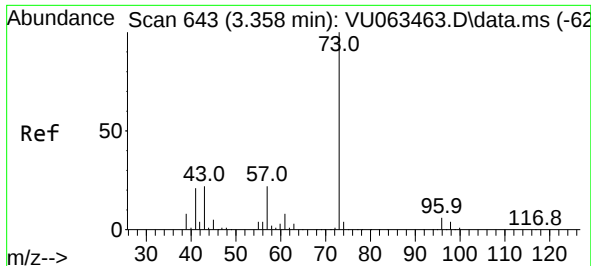
Tgt Ion: 76 Resp: 86334  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.5 11.3



#18  
Methyl Acetate  
Concen: 64.446 ug/l  
RT: 2.940 min Scan# 513  
Delta R.T. 0.000 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

Tgt Ion: 43 Resp: 176492  
Ion Ratio Lower Upper  
43 100  
74 20.8 17.3 25.9

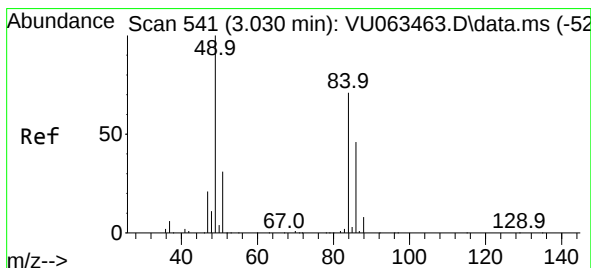
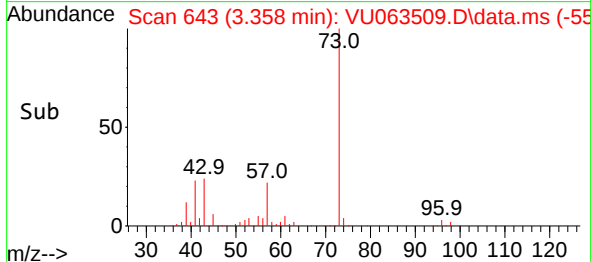
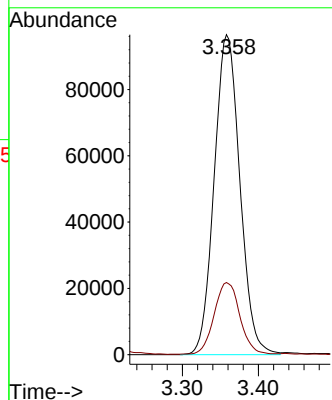
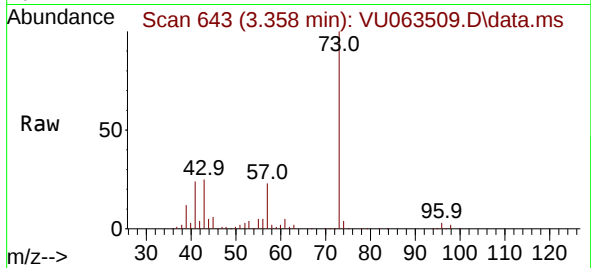




#19  
Methyl tert-butyl Ether  
Concen: 55.341 ug/l  
RT: 3.358 min Scan# 64  
Delta R.T. -0.000 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

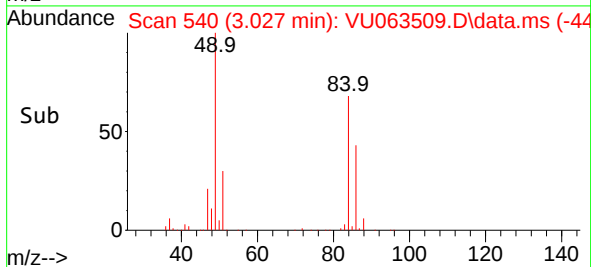
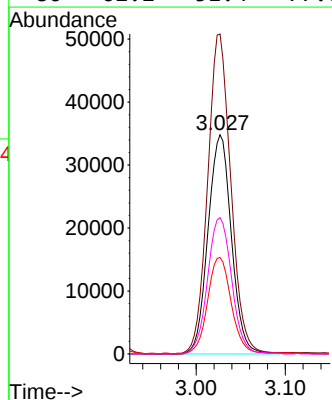
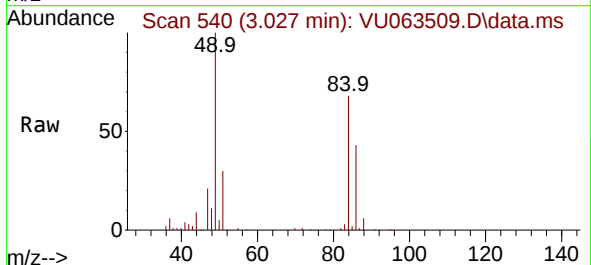
Instrument :  
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ClientSampleId :  
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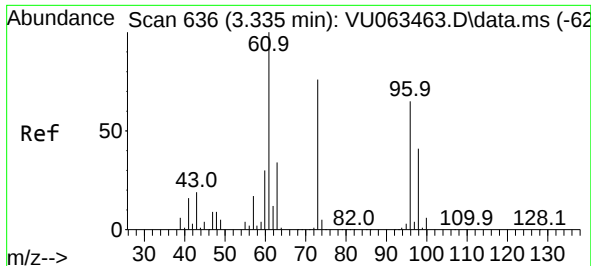
Tgt Ion: 73 Resp: 226406  
Ion Ratio Lower Upper  
73 100  
57 22.4 17.8 26.6



#20  
Methylene Chloride  
Concen: 40.971 ug/l  
RT: 3.027 min Scan# 540  
Delta R.T. -0.003 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

Tgt Ion: 84 Resp: 63572  
Ion Ratio Lower Upper  
84 100  
49 146.0 112.1 168.1  
51 43.7 34.4 51.6  
86 62.2 51.4 77.0

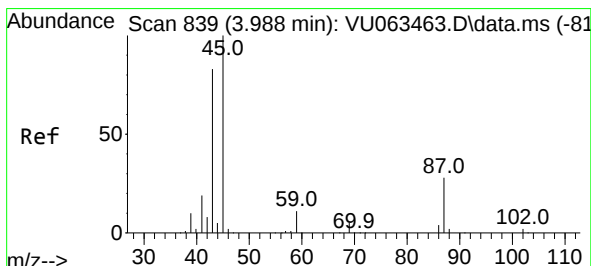
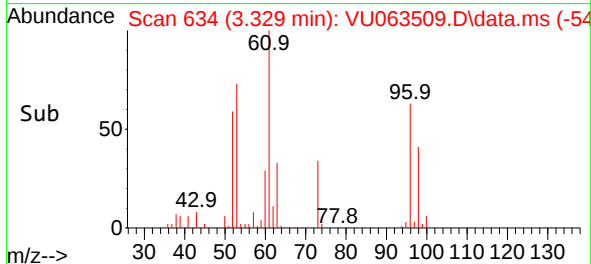
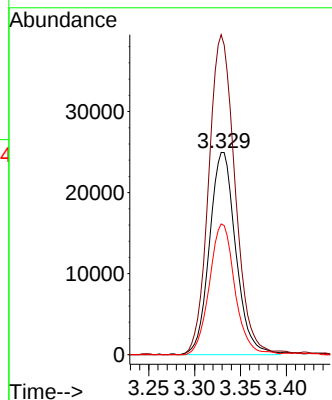
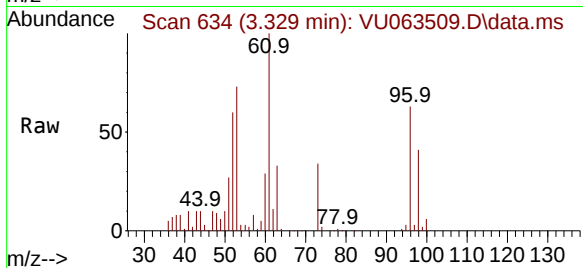




#21  
trans-1,2-Dichloroethene  
Concen: 48.861 ug/l  
RT: 3.329 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

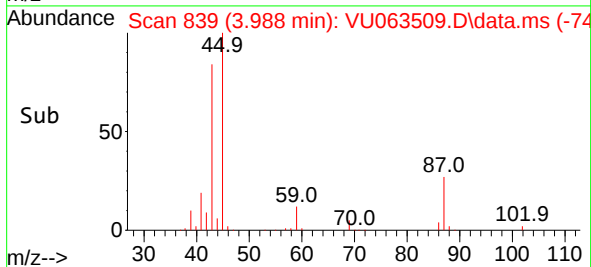
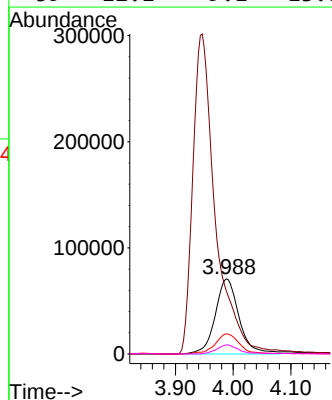
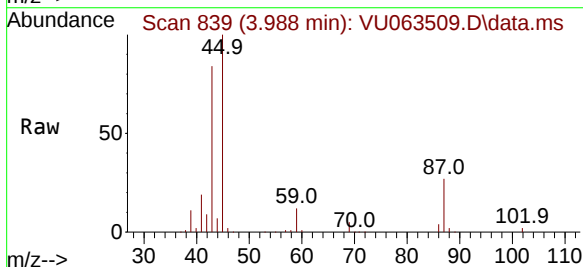
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 96 Resp: 49797  
Ion Ratio Lower Upper  
96 100  
61 158.3 122.2 183.4  
98 64.6 49.9 74.9



#22  
Diisopropyl ether  
Concen: 52.551 ug/l  
RT: 3.988 min Scan# 839  
Delta R.T. 0.000 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

Tgt Ion: 45 Resp: 202045  
Ion Ratio Lower Upper  
45 100  
43 82.8 66.5 99.7  
87 26.7 22.6 33.8  
59 12.1 9.1 13.7

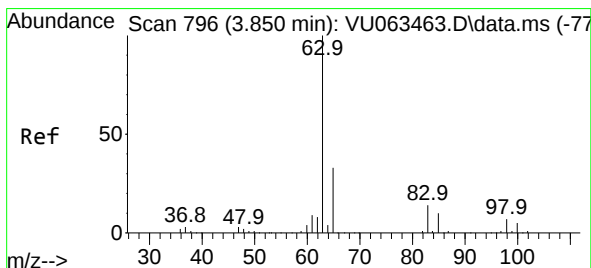
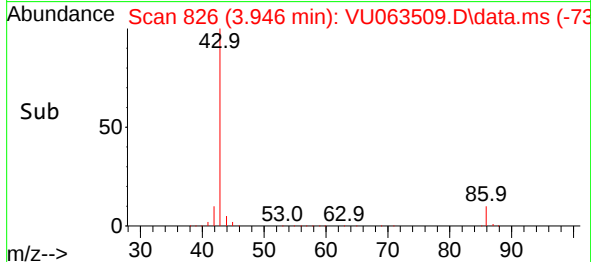
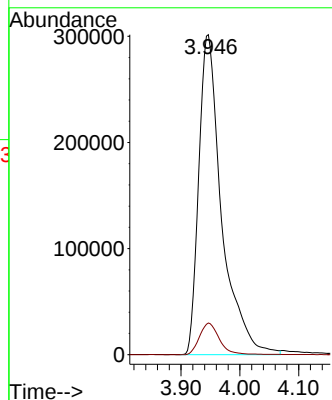
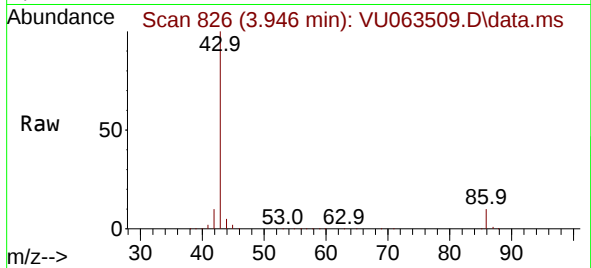




#23  
 Vinyl Acetate  
 Concen: 273.356 ug/l  
 RT: 3.946 min Scan# 81  
 Delta R.T. 0.000 min  
 Lab File: VU063509.D  
 Acq: 14 Jul 2025 16:06

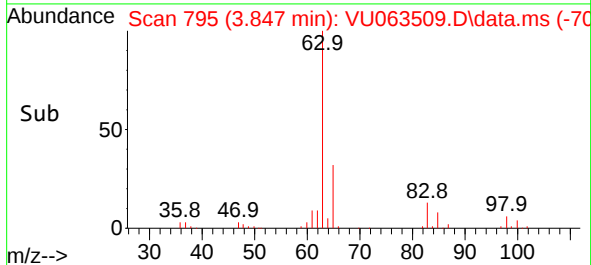
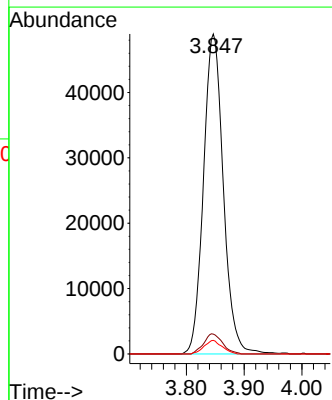
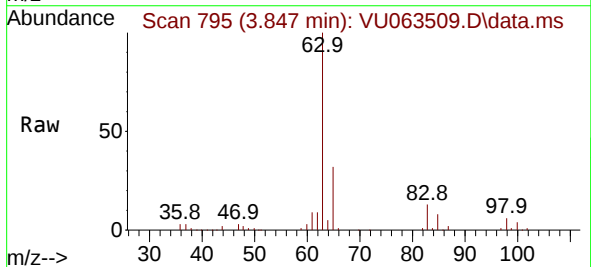
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

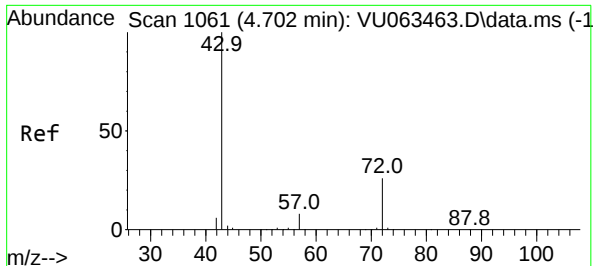
Tgt Ion: 43 Resp: 815496  
 Ion Ratio Lower Upper  
 43 100  
 86 9.9 8.2 12.2



#24  
 1,1-Dichloroethane  
 Concen: 53.595 ug/l  
 RT: 3.847 min Scan# 795  
 Delta R.T. -0.003 min  
 Lab File: VU063509.D  
 Acq: 14 Jul 2025 16:06

Tgt Ion: 63 Resp: 116946  
 Ion Ratio Lower Upper  
 63 100  
 98 6.2 3.6 10.9  
 100 4.3 2.3 6.8

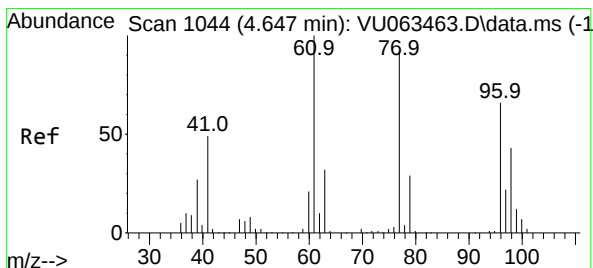
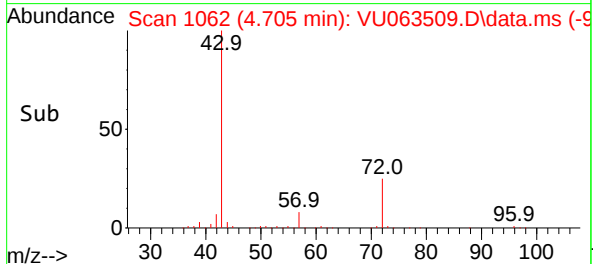
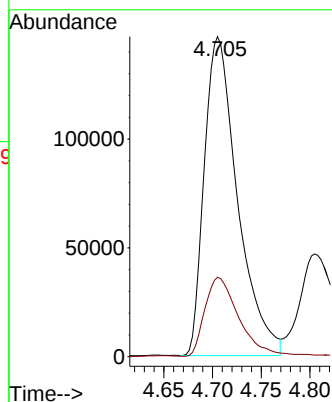
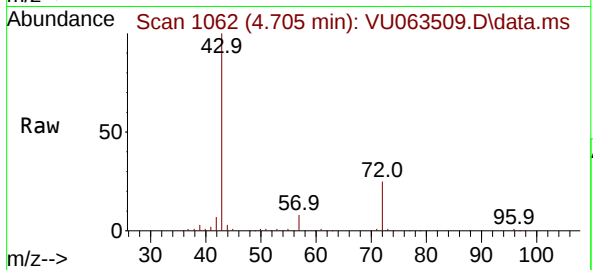




#25  
2-Butanone  
Concen: 291.190 ug/l  
RT: 4.705 min Scan# 1062  
Delta R.T. 0.003 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

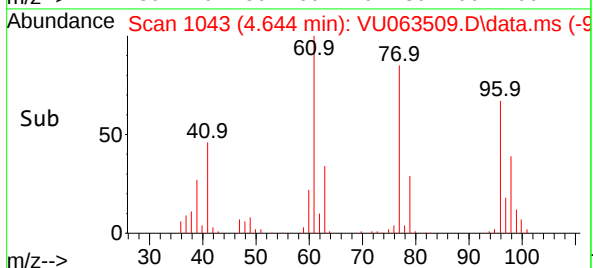
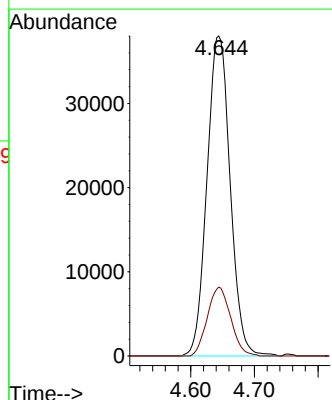
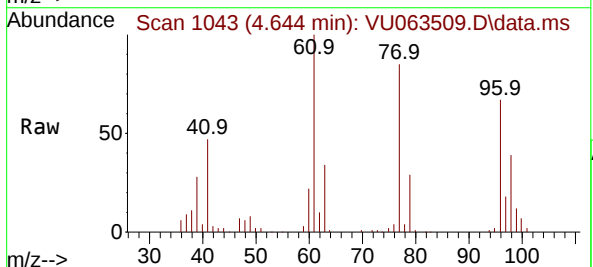
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

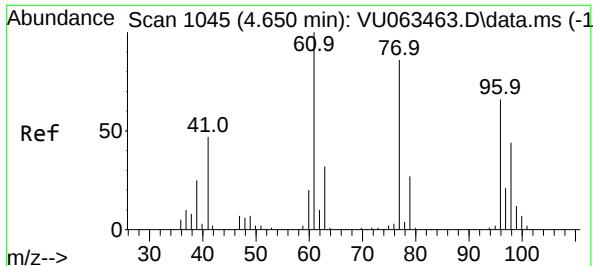
Tgt Ion: 43 Resp: 347862  
Ion Ratio Lower Upper  
43 100  
72 24.7 20.7 31.1



#26  
2,2-Dichloropropane  
Concen: 50.761 ug/l  
RT: 4.644 min Scan# 1043  
Delta R.T. -0.003 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

Tgt Ion: 77 Resp: 96364  
Ion Ratio Lower Upper  
77 100  
97 21.6 11.8 35.3

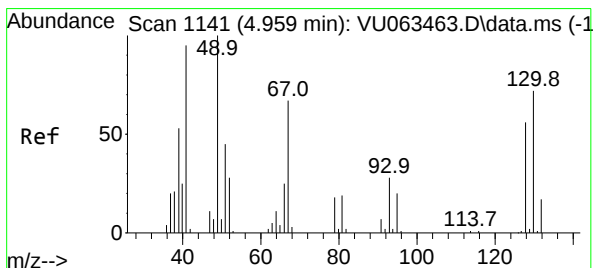
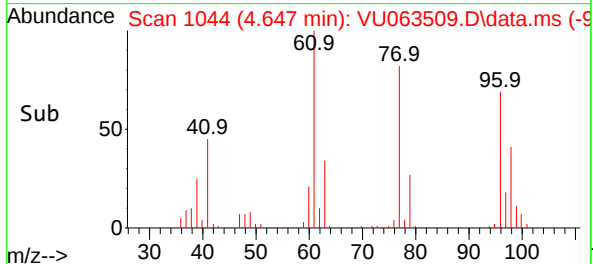
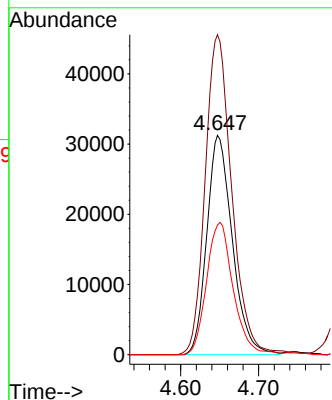
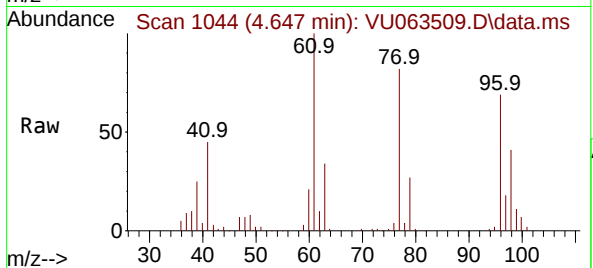




#27  
 cis-1,2-Dichloroethene  
 Concen: 52.925 ug/l  
 RT: 4.647 min Scan# 1044  
 Delta R.T. -0.003 min  
 Lab File: VU063509.D  
 Acq: 14 Jul 2025 16:06

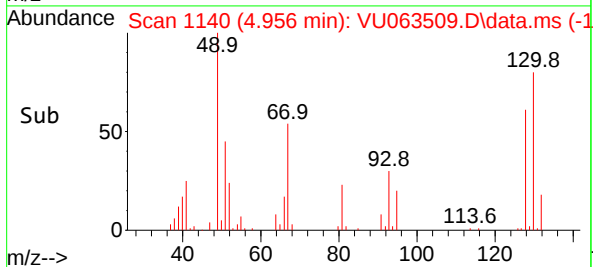
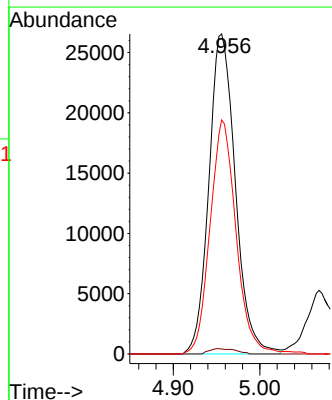
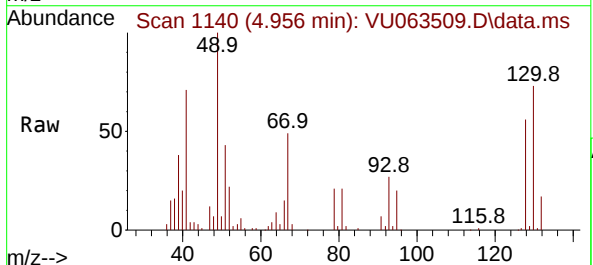
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

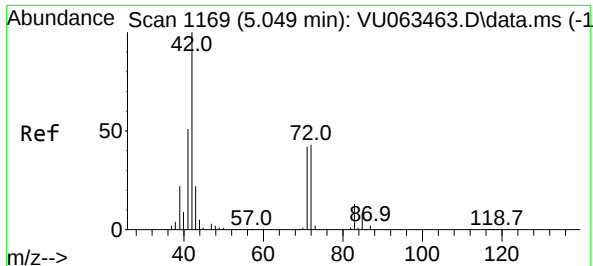
Tgt Ion: 96 Resp: 71196  
 Ion Ratio Lower Upper  
 96 100  
 61 151.6 0.0 307.2  
 98 62.6 0.0 133.0



#28  
 Bromochloromethane  
 Concen: 55.014 ug/l  
 RT: 4.956 min Scan# 1140  
 Delta R.T. -0.003 min  
 Lab File: VU063509.D  
 Acq: 14 Jul 2025 16:06

Tgt Ion: 49 Resp: 56389  
 Ion Ratio Lower Upper  
 49 100  
 129 1.6 0.0 3.8  
 130 71.5 59.0 88.4

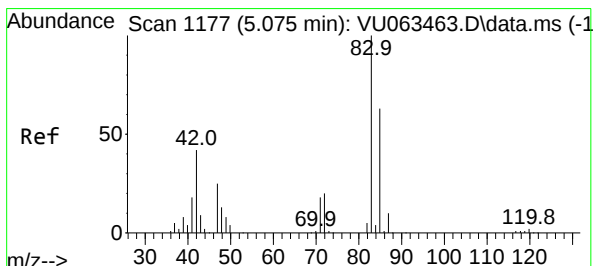
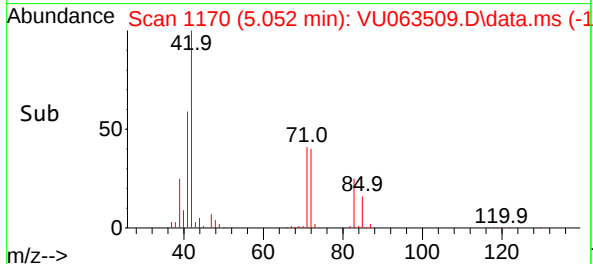
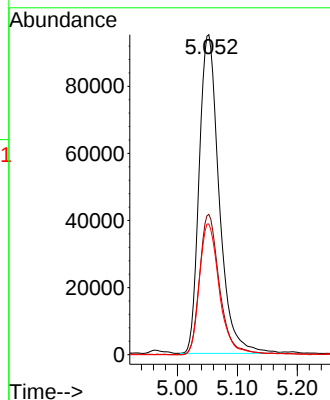
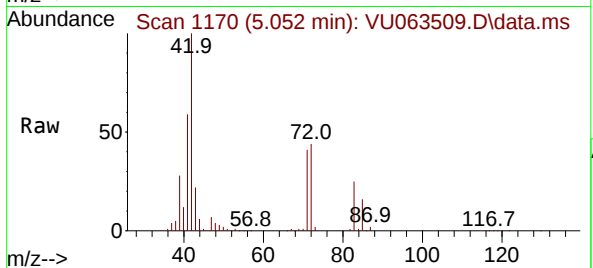




#29  
Tetrahydrofuran  
Concen: 292.514 ug/l  
RT: 5.052 min Scan# 1170  
Delta R.T. 0.003 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

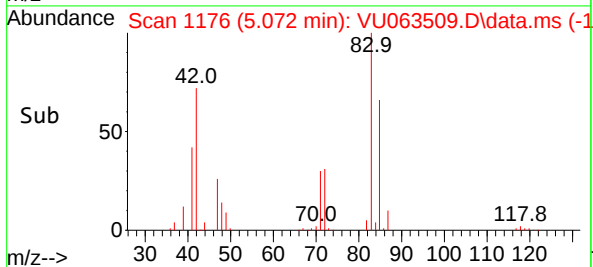
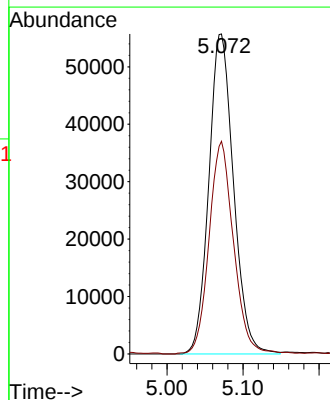
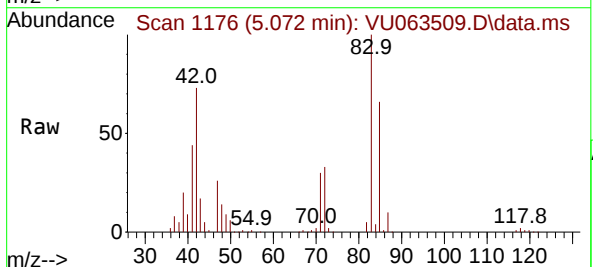
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

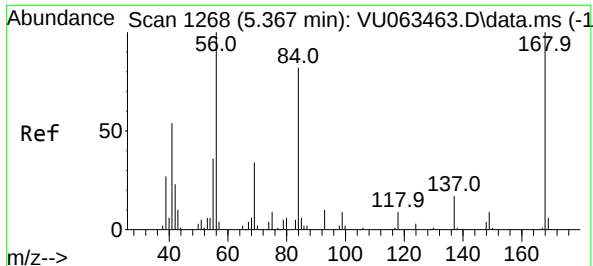
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 220434 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 44.0  | 36.2  | 54.4   |
| 71       | 41.1  | 33.3  | 49.9   |



#30  
Chloroform  
Concen: 54.574 ug/l  
RT: 5.072 min Scan# 1176  
Delta R.T. -0.003 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 125723 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 66.2  | 50.7  | 76.1   |

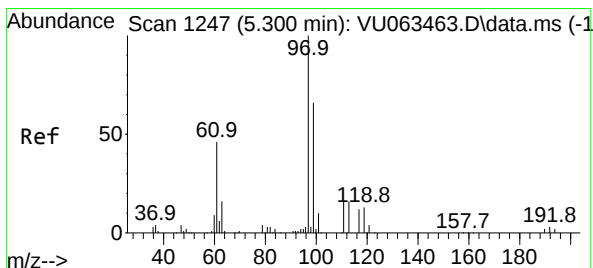
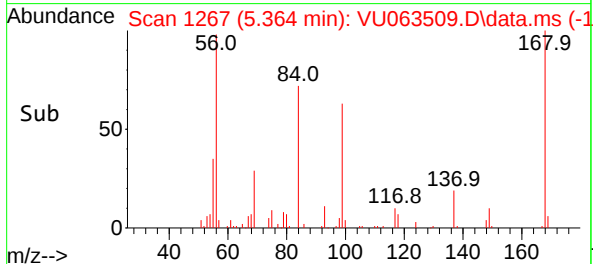
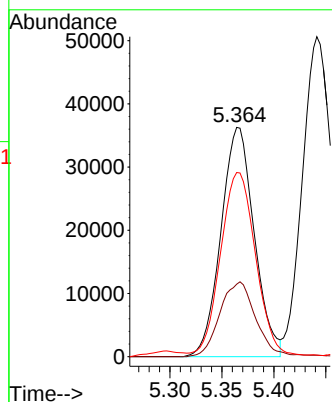
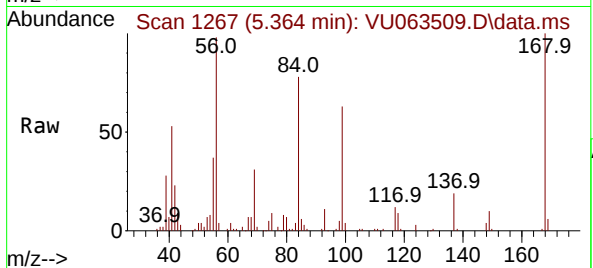




#31  
Cyclohexane  
Concen: 46.100 ug/l  
RT: 5.364 min Scan# 1267  
Delta R.T. -0.003 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

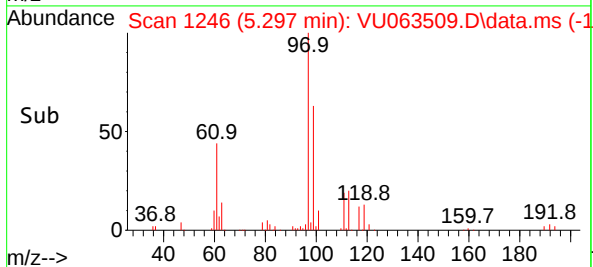
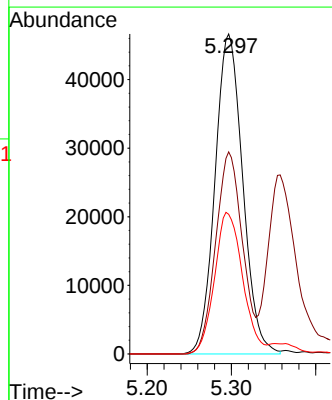
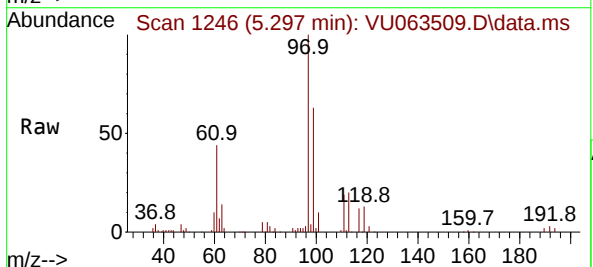
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

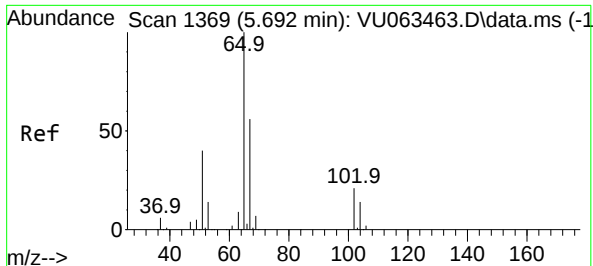
Tgt Ion: 56 Resp: 80865  
Ion Ratio Lower Upper  
56 100  
69 31.6 27.0 40.4  
84 78.5 65.7 98.5



#32  
1,1,1-Trichloroethane  
Concen: 54.331 ug/l  
RT: 5.297 min Scan# 1246  
Delta R.T. -0.003 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

Tgt Ion: 97 Resp: 106573  
Ion Ratio Lower Upper  
97 100  
99 60.8 50.4 75.6  
61 44.9 36.3 54.5

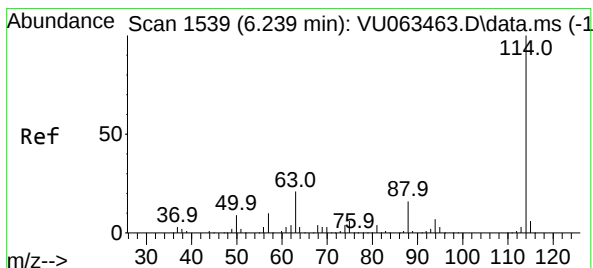
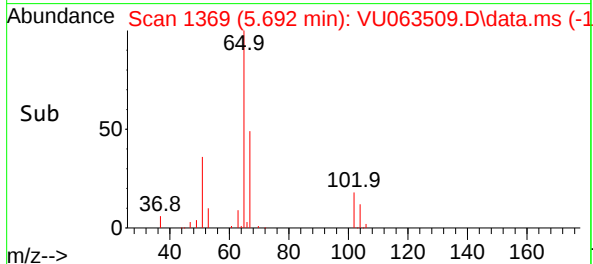
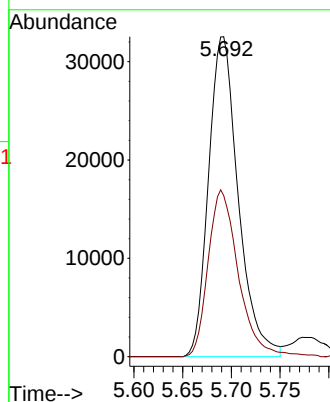
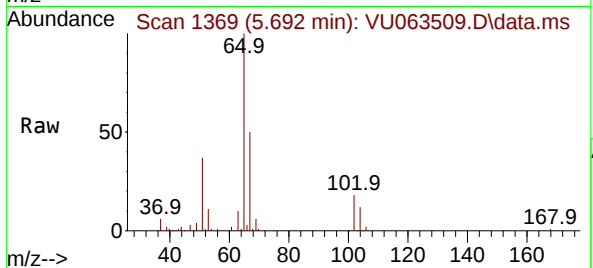




#33  
 1,2-Dichloroethane-d4  
 Concen: 54.345 ug/l  
 RT: 5.692 min Scan# 1369  
 Delta R.T. 0.000 min  
 Lab File: VU063509.D  
 Acq: 14 Jul 2025 16:06

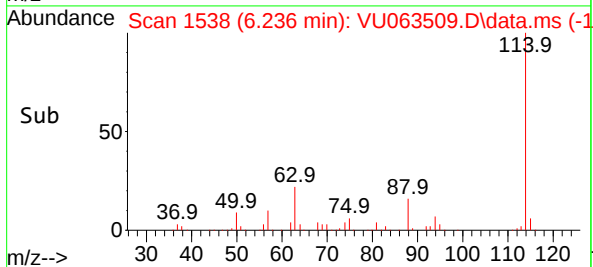
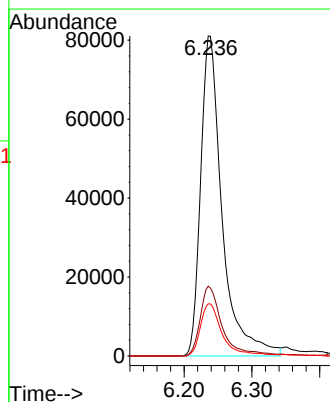
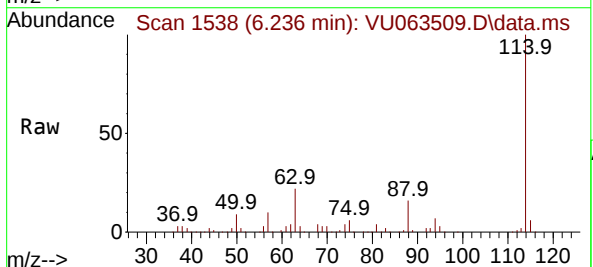
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

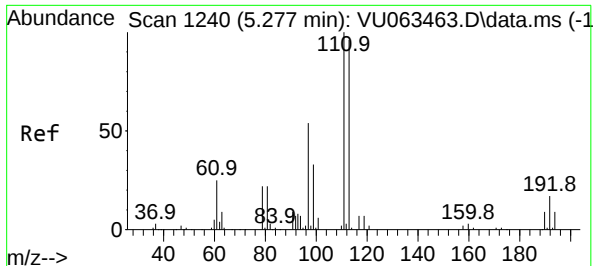
Tgt Ion: 65 Resp: 68941  
 Ion Ratio Lower Upper  
 65 100  
 67 53.3 0.0 107.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.236 min Scan# 1538  
 Delta R.T. -0.003 min  
 Lab File: VU063509.D  
 Acq: 14 Jul 2025 16:06

Tgt Ion: 114 Resp: 178600  
 Ion Ratio Lower Upper  
 114 100  
 63 21.8 0.0 41.6  
 88 16.3 0.0 32.0





#35

Dibromofluoromethane

Concen: 53.226 ug/l

RT: 5.274 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

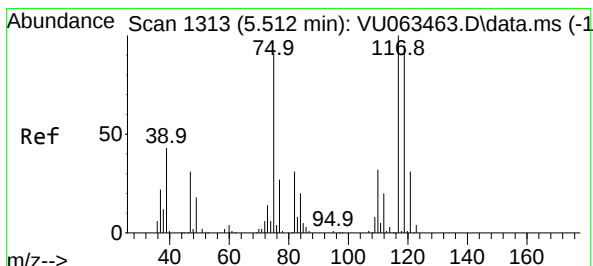
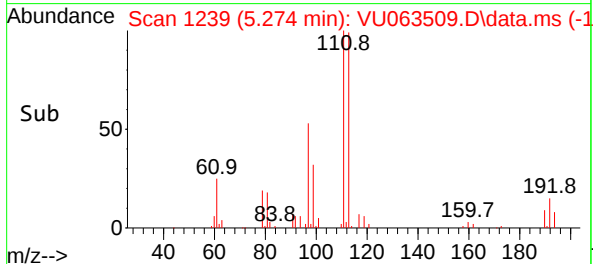
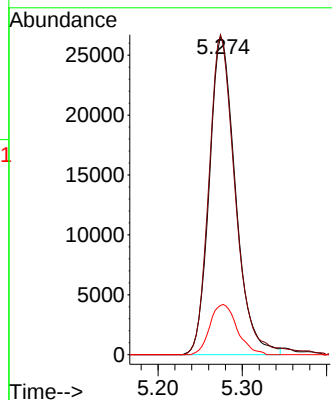
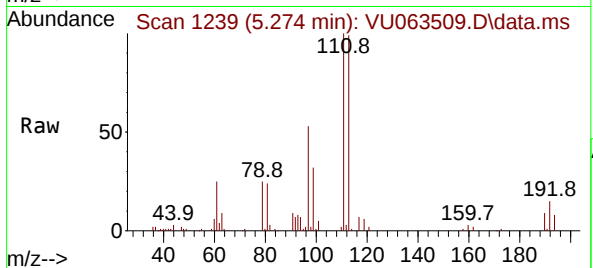
Tgt Ion:113 Resp: 57301

Ion Ratio Lower Upper

113 100

111 102.0 82.1 123.1

192 16.4 14.3 21.5



#36

1,1-Dichloropropene

Concen: 49.926 ug/l

RT: 5.509 min Scan# 1312

Delta R.T. -0.003 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

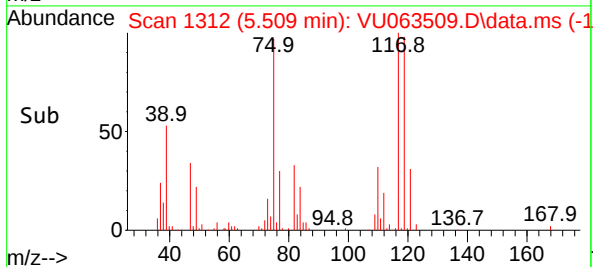
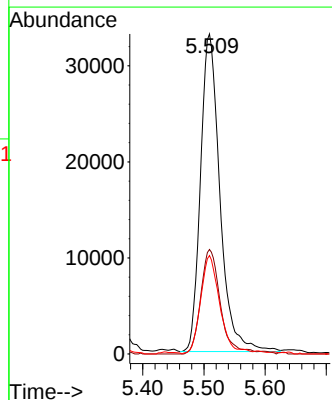
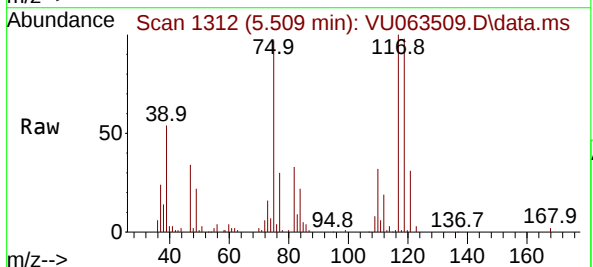
Tgt Ion: 75 Resp: 73033

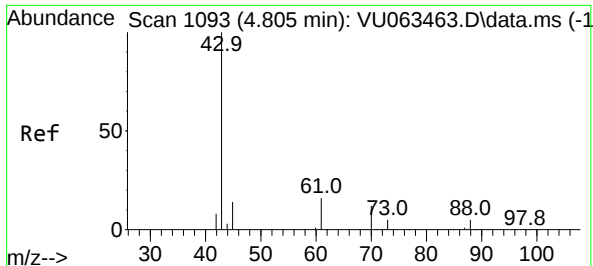
Ion Ratio Lower Upper

75 100

110 32.4 17.3 52.0

77 30.6 23.9 35.9





#37

Ethyl Acetate

Concen: 48.772 ug/l

RT: 4.805 min Scan# 110

Delta R.T. 0.000 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

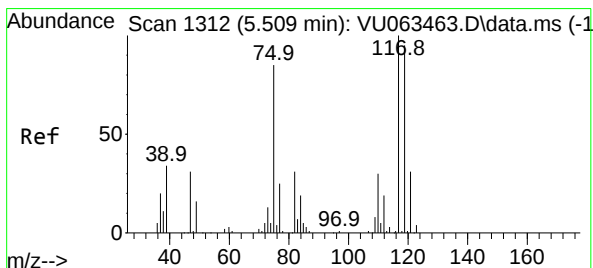
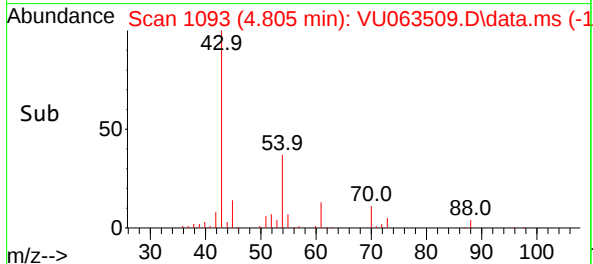
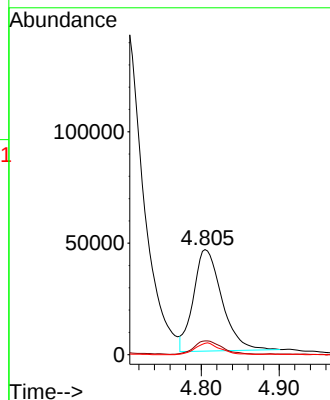
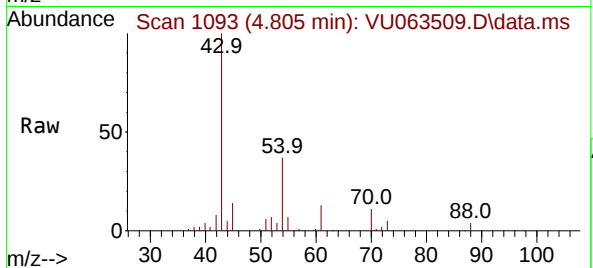
Tgt Ion: 43 Resp: 115544

Ion Ratio Lower Upper

43 100

61 13.0 10.4 15.6

70 10.3 7.8 11.8



#38

Carbon Tetrachloride

Concen: 49.330 ug/l

RT: 5.506 min Scan# 1311

Delta R.T. -0.003 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

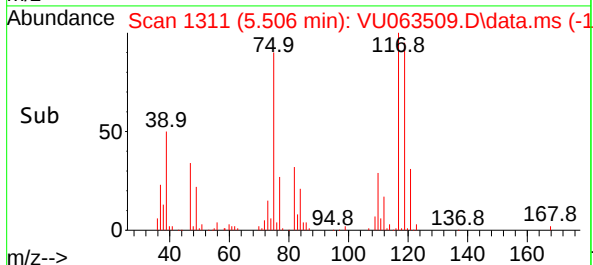
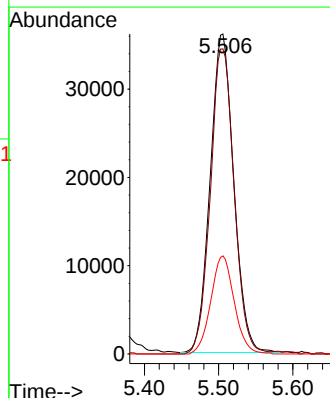
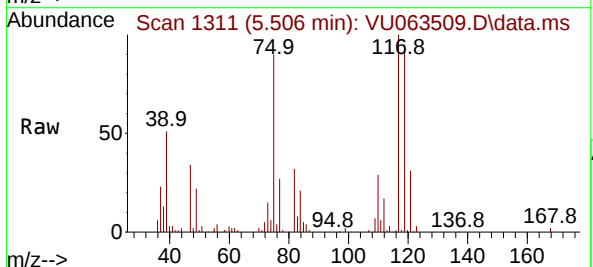
Tgt Ion: 117 Resp: 79510

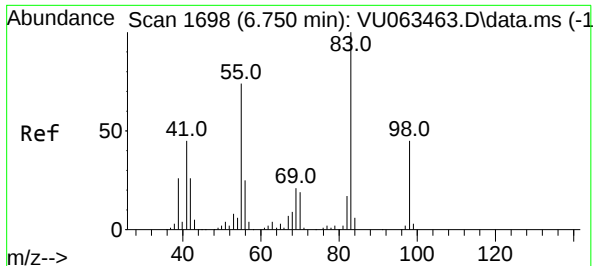
Ion Ratio Lower Upper

117 100

119 95.8 76.1 114.1

121 30.8 25.0 37.4





#39

Methylcyclohexane

Concen: 43.503 ug/l

RT: 6.747 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

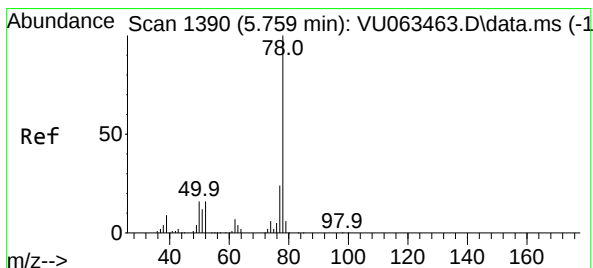
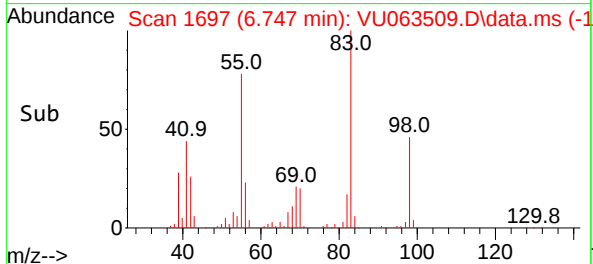
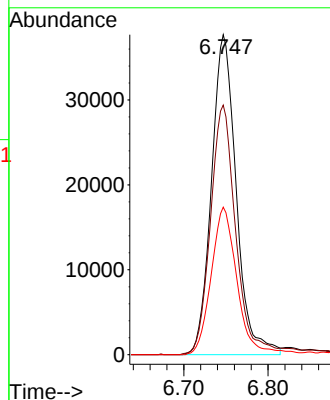
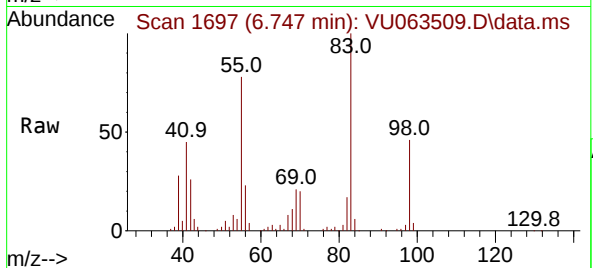
Tgt Ion: 83 Resp: 76892

Ion Ratio Lower Upper

83 100

55 78.0 59.4 89.2

98 46.1 36.2 54.4



#40

Benzene

Concen: 51.907 ug/l

RT: 5.756 min Scan# 1389

Delta R.T. -0.003 min

Lab File: VU063509.D

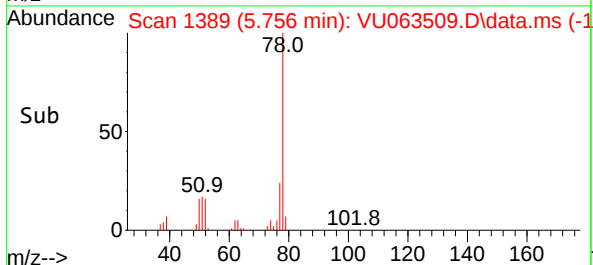
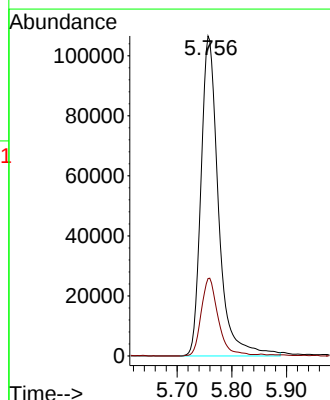
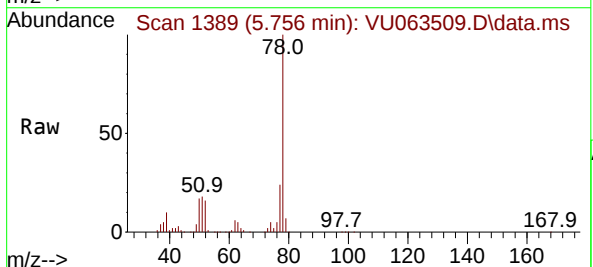
Acq: 14 Jul 2025 16:06

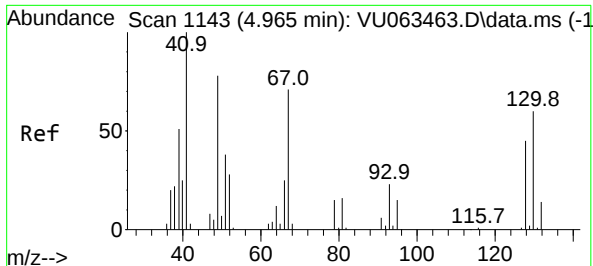
Tgt Ion: 78 Resp: 237136

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.4



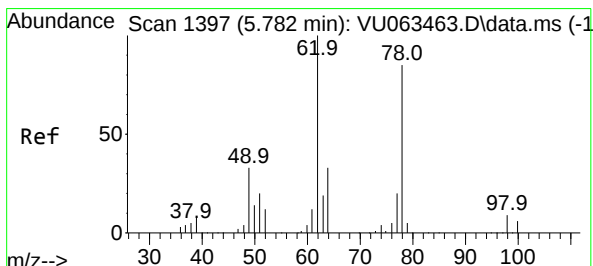
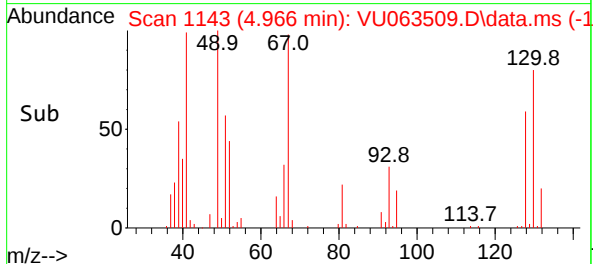
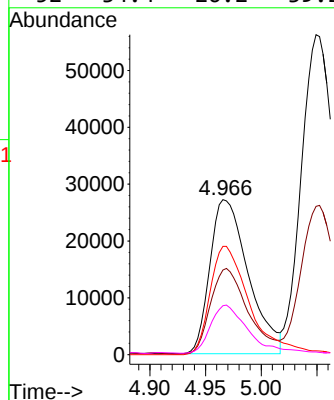
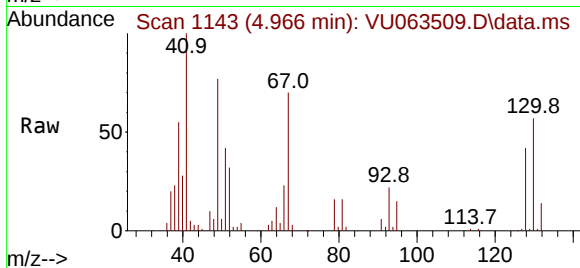


#41  
Methacrylonitrile  
Concen: 58.278 ug/l  
RT: 4.966 min Scan# 1143  
Delta R.T. 0.000 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 41 Resp: 65146

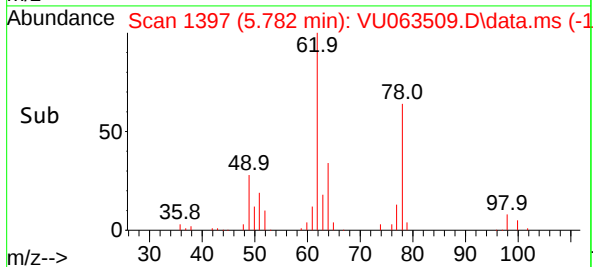
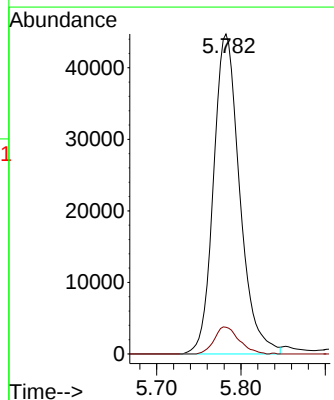
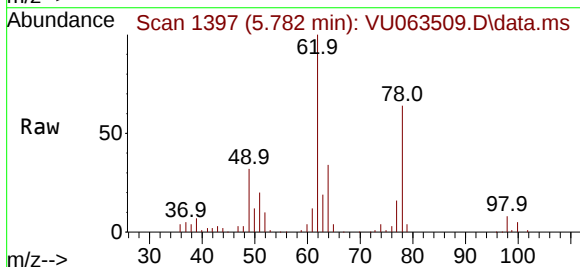
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 54.4  | 43.6  | 65.4  |
| 67  | 72.8  | 62.8  | 94.2  |
| 52  | 34.4  | 26.2  | 39.2  |

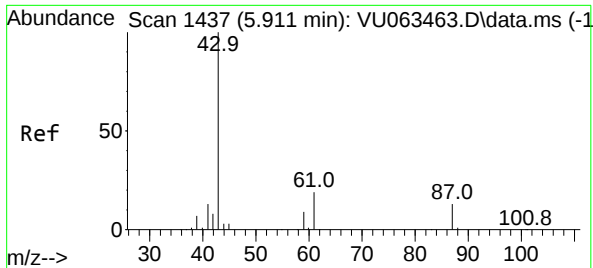


#42  
1,2-Dichloroethane  
Concen: 56.167 ug/l  
RT: 5.782 min Scan# 1397  
Delta R.T. 0.000 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

Tgt Ion: 62 Resp: 96484

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.0   | 0.0   | 17.6  |





#43

Isopropyl Acetate

Concen: 56.423 ug/l

RT: 5.911 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

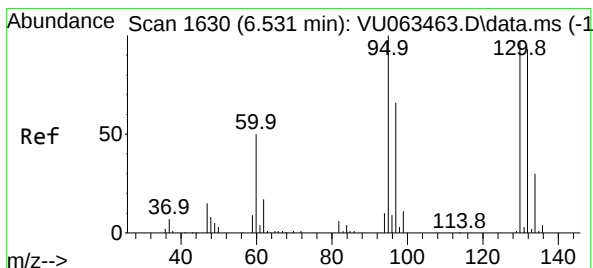
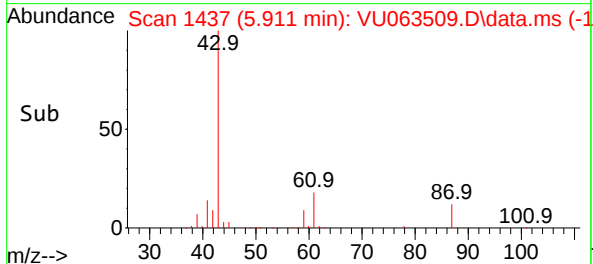
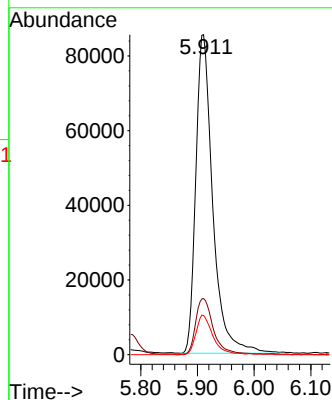
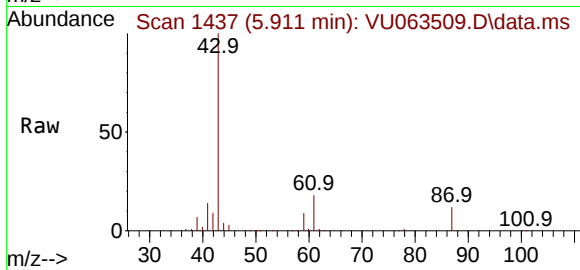
Tgt Ion: 43 Resp: 177548

Ion Ratio Lower Upper

43 100

61 18.5 15.4 23.2

87 12.3 10.5 15.7



#44

Trichloroethene

Concen: 49.958 ug/l

RT: 6.528 min Scan# 1629

Delta R.T. -0.003 min

Lab File: VU063509.D

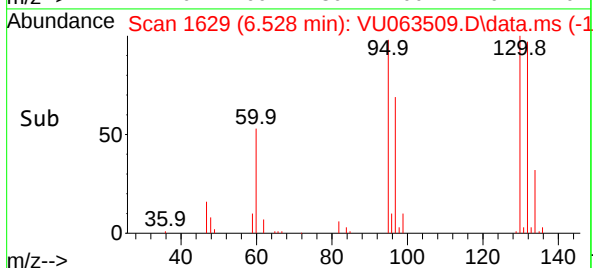
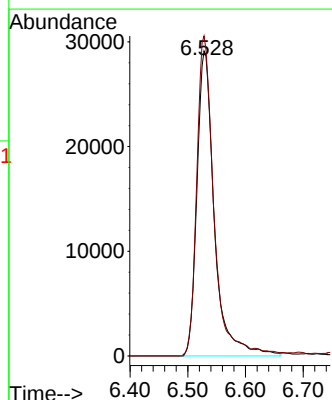
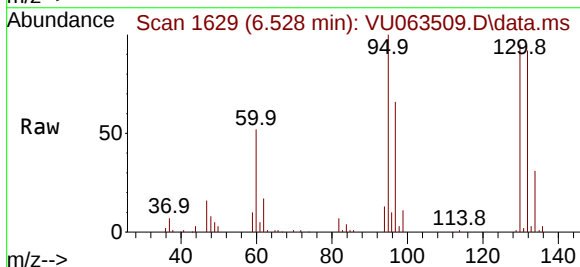
Acq: 14 Jul 2025 16:06

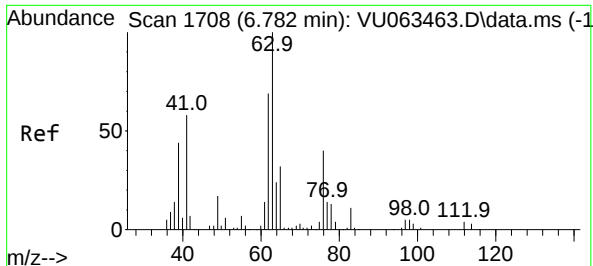
Tgt Ion:130 Resp: 61077

Ion Ratio Lower Upper

130 100

95 104.9 0.0 206.4





#45

1,2-Dichloropropane

Concen: 53.247 ug/l

RT: 6.779 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

Instrument :

MSVOA\_U

ClientSampleId :

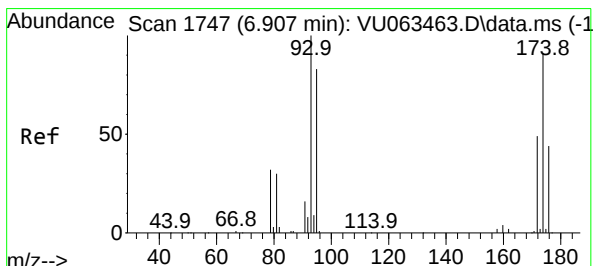
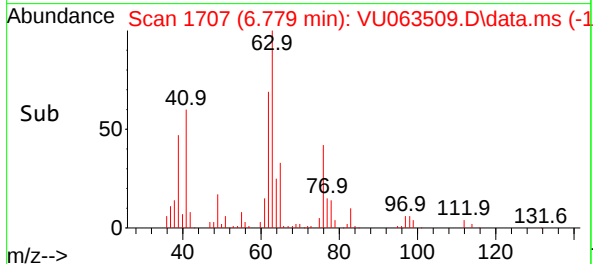
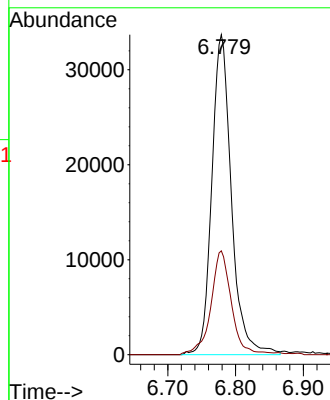
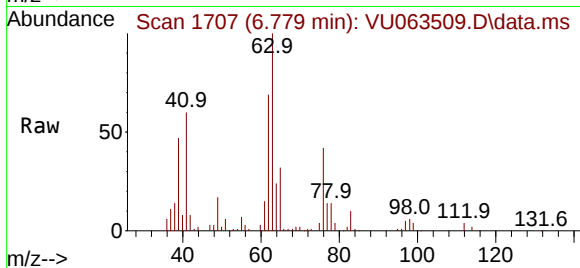
VSTDCCC050EC

Tgt Ion: 63 Resp: 67624

Ion Ratio Lower Upper

63 100

65 32.4 25.3 37.9



#46

Dibromomethane

Concen: 55.896 ug/l

RT: 6.904 min Scan# 1746

Delta R.T. -0.003 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

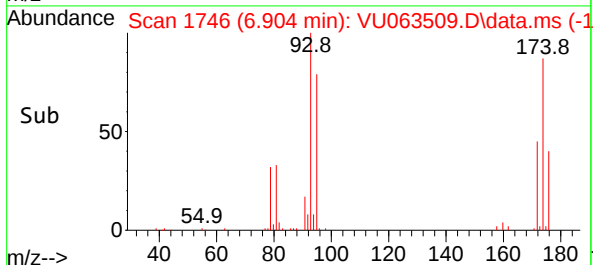
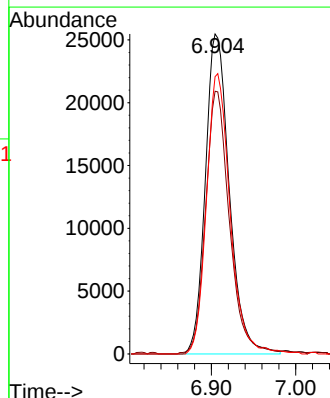
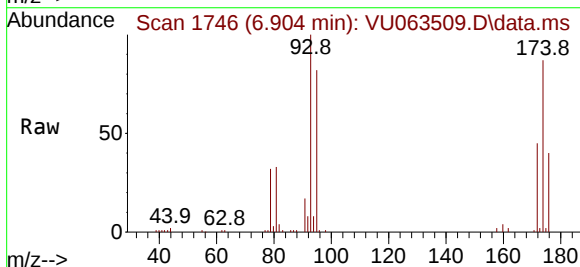
Tgt Ion: 93 Resp: 50508

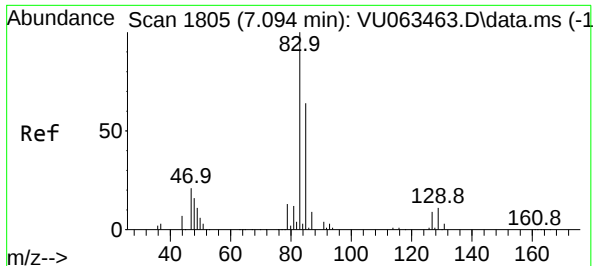
Ion Ratio Lower Upper

93 100

95 81.4 67.5 101.3

174 86.3 73.1 109.7

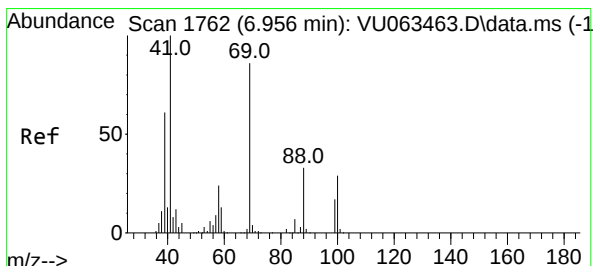
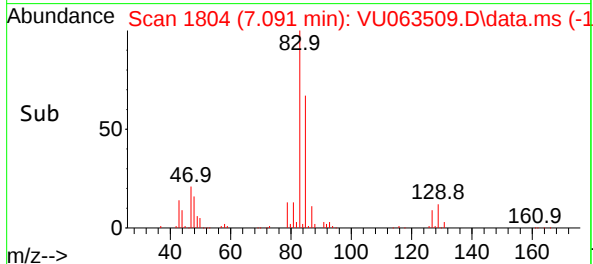
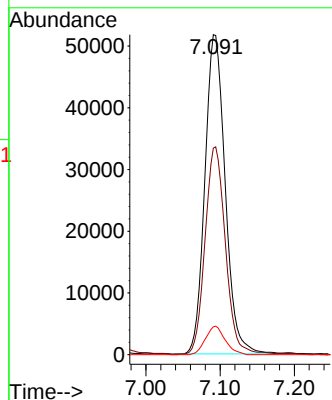
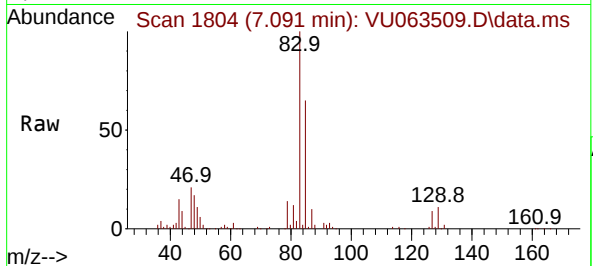




#47  
Bromodichloromethane  
Concen: 52.368 ug/l  
RT: 7.091 min Scan# 1804  
Delta R.T. -0.003 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

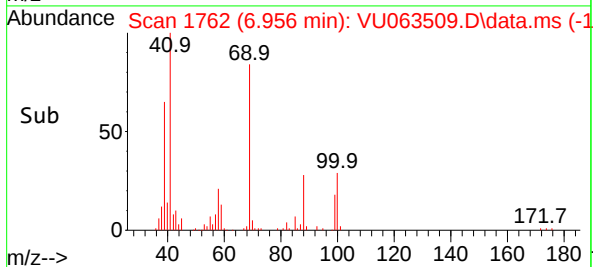
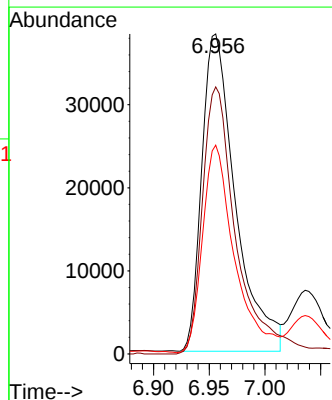
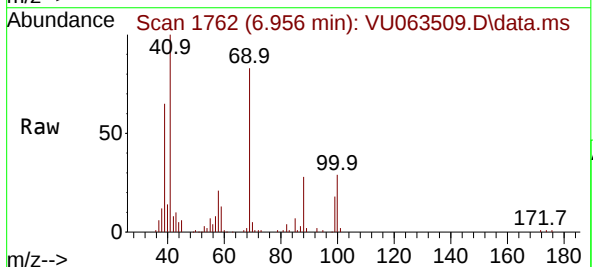
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

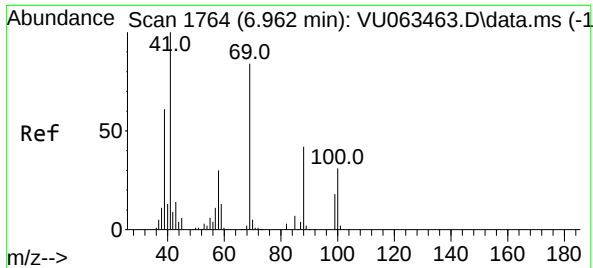
Tgt Ion: 83 Resp: 98395  
Ion Ratio Lower Upper  
83 100  
85 64.5 51.4 77.0  
127 8.7 7.0 10.4



#48  
Methyl methacrylate  
Concen: 55.218 ug/l  
RT: 6.956 min Scan# 1762  
Delta R.T. 0.000 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

Tgt Ion: 41 Resp: 80309  
Ion Ratio Lower Upper  
41 100  
69 84.5 69.8 104.8  
39 62.2 48.3 72.5

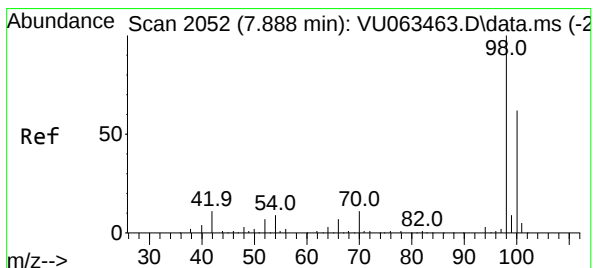
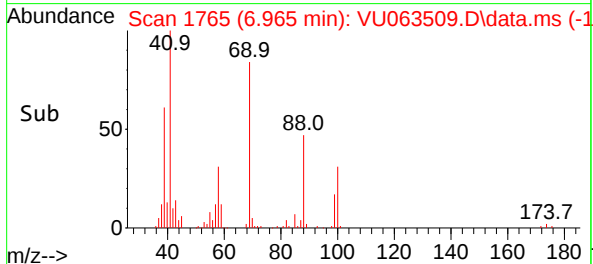
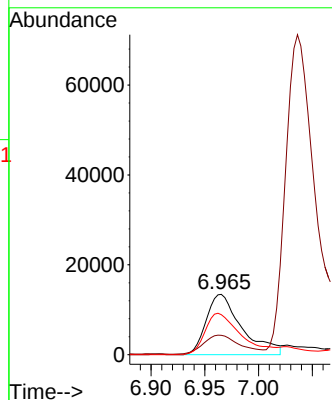
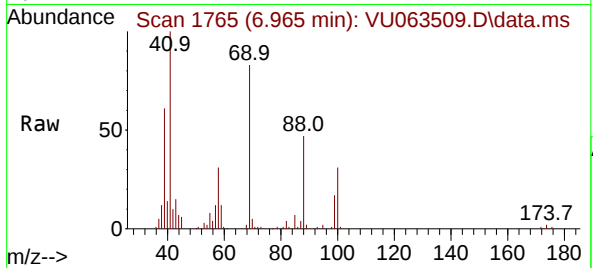




#49  
1,4-Dioxane  
Concen: 966.891 ug/l  
RT: 6.965 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

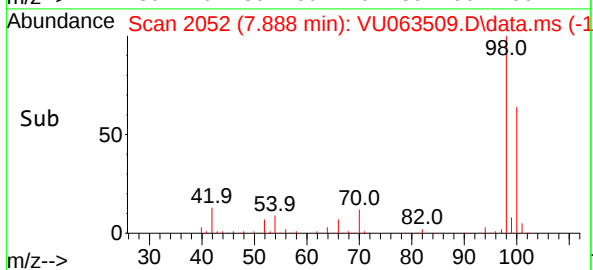
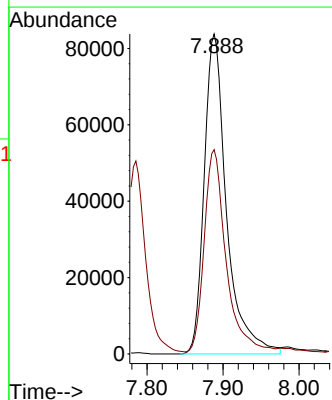
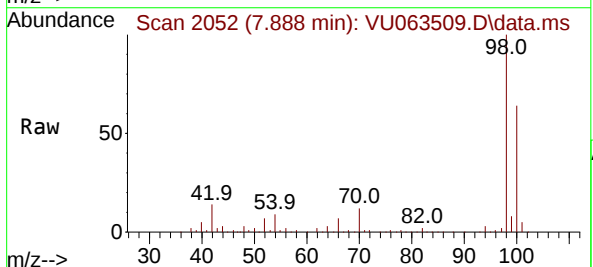
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

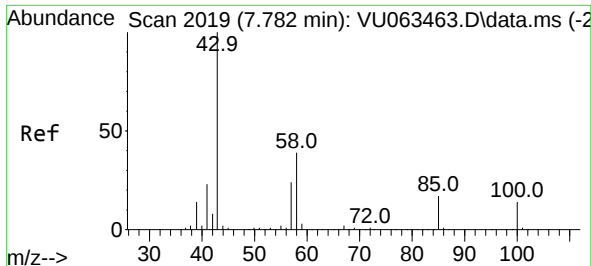
Tgt Ion: 88 Resp: 30858  
Ion Ratio Lower Upper  
88 100  
43 32.2 25.6 38.4  
58 69.7 55.0 82.6



#50  
Toluene-d8  
Concen: 48.751 ug/l  
RT: 7.888 min Scan# 2052  
Delta R.T. 0.000 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

Tgt Ion: 98 Resp: 171081  
Ion Ratio Lower Upper  
98 100  
100 61.2 48.1 72.1

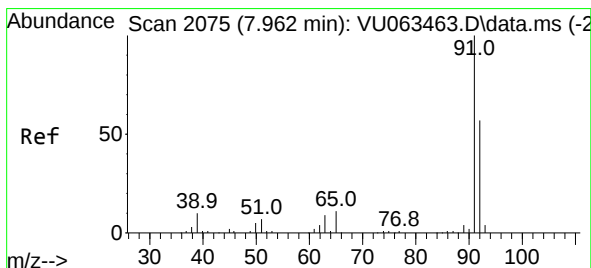
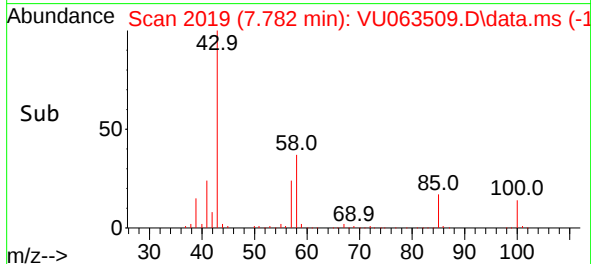
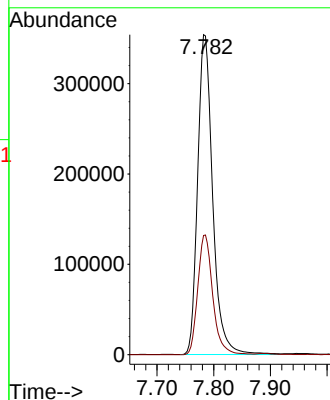
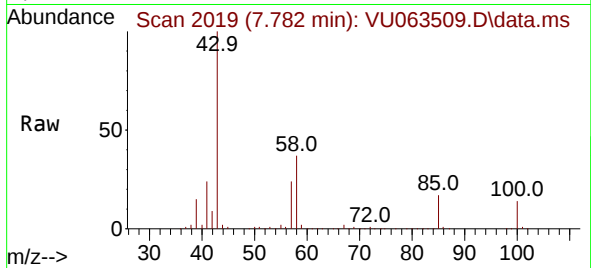




#51  
4-Methyl-2-Pentanone  
Concen: 286.027 ug/l  
RT: 7.782 min Scan# 2019  
Delta R.T. 0.000 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

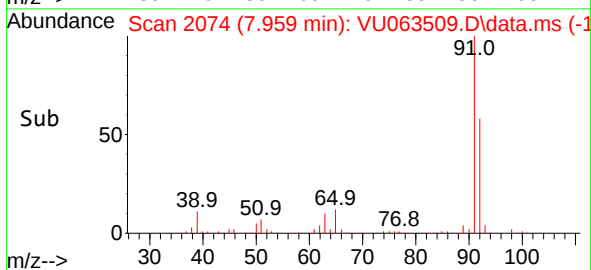
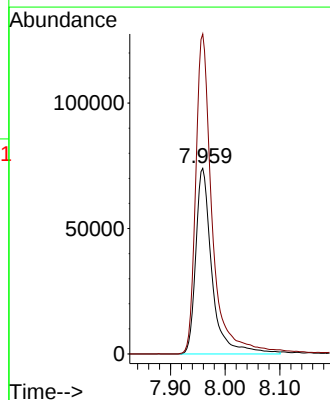
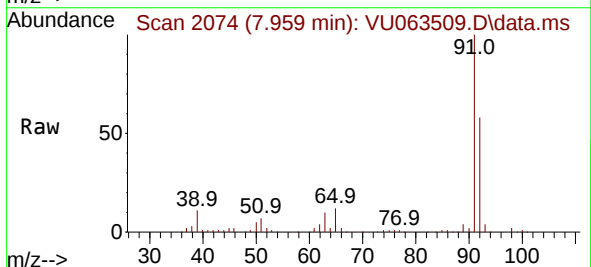
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

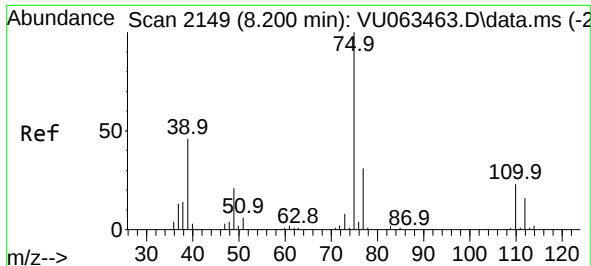
Tgt Ion: 43 Resp: 651446  
Ion Ratio Lower Upper  
43 100  
58 37.4 31.0 46.4



#52  
Toluene  
Concen: 51.273 ug/l  
RT: 7.959 min Scan# 2074  
Delta R.T. -0.003 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

Tgt Ion: 92 Resp: 153209  
Ion Ratio Lower Upper  
92 100  
91 175.7 144.5 216.7





#53

t-1,3-Dichloropropene

Concen: 52.025 ug/l

RT: 8.200 min Scan# 2149

Delta R.T. 0.000 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

Instrument :

MSVOA\_U

ClientSampleId :

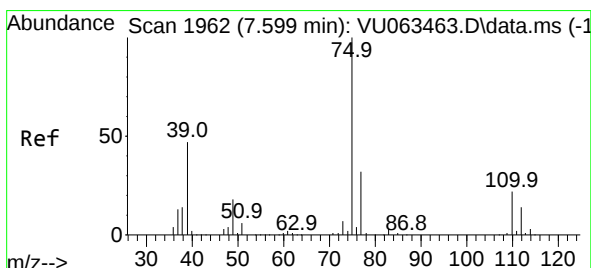
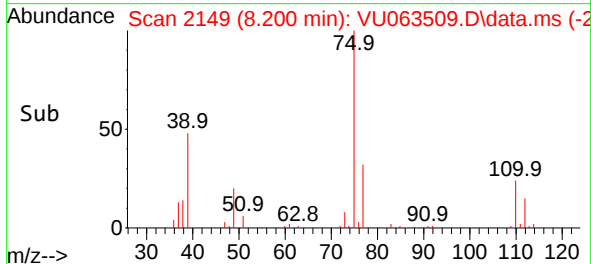
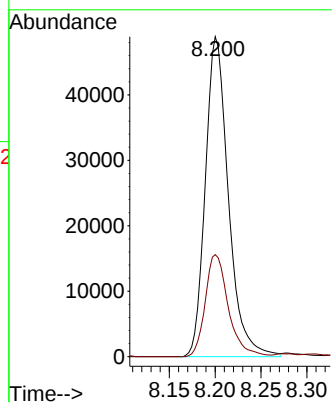
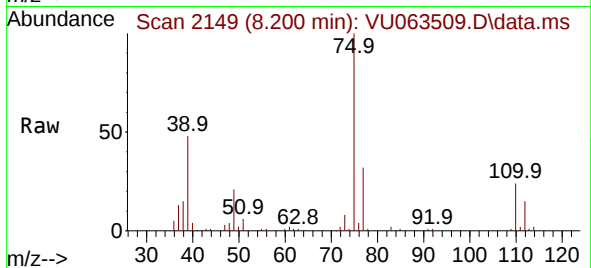
VSTDCCC050EC

Tgt Ion: 75 Resp: 85539

Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 54.374 ug/l

RT: 7.596 min Scan# 1961

Delta R.T. -0.003 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

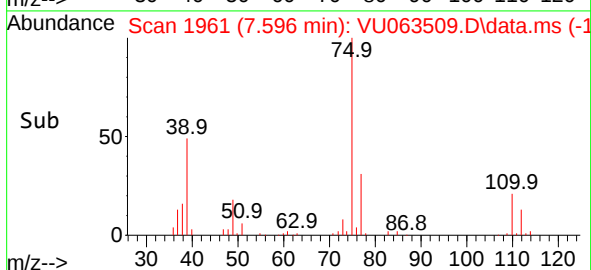
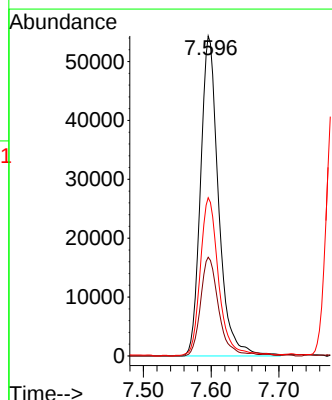
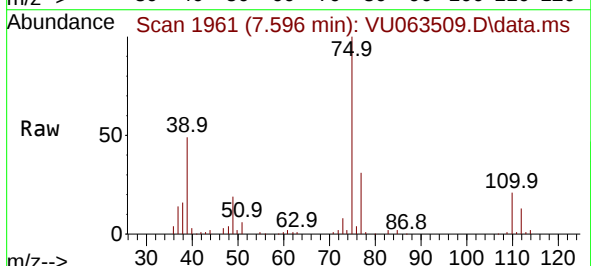
Tgt Ion: 75 Resp: 100079

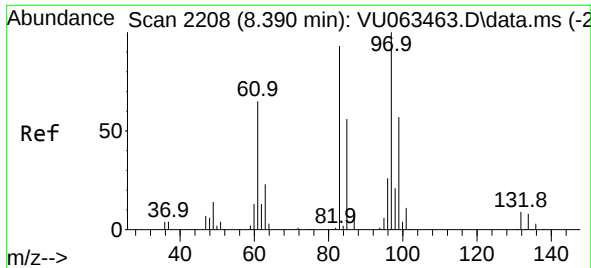
Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.0

39 49.2 37.2 55.8

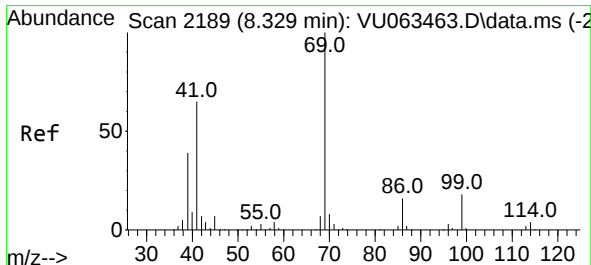
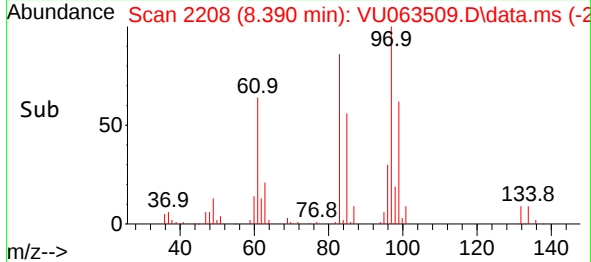
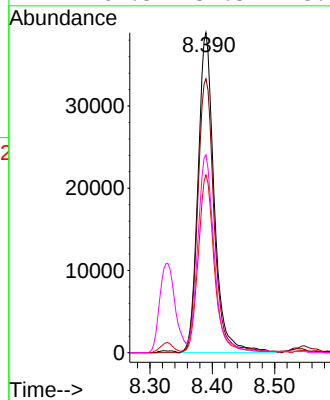
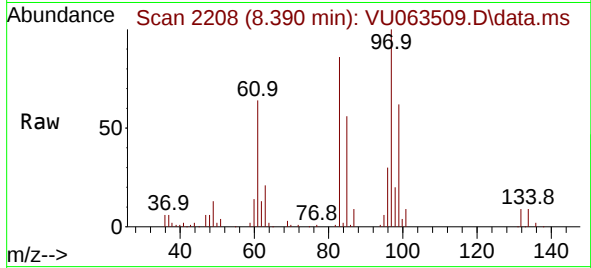




#55  
 1,1,2-Trichloroethane  
 Concen: 55.485 ug/l  
 RT: 8.390 min Scan# 2188  
 Delta R.T. 0.000 min  
 Lab File: VU063509.D  
 Acq: 14 Jul 2025 16:06

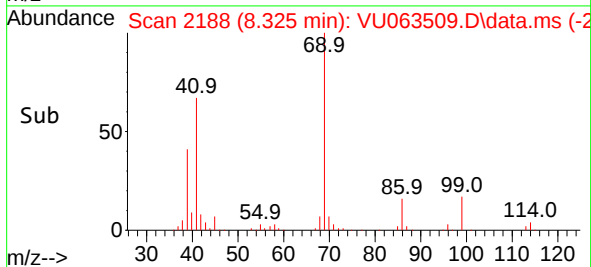
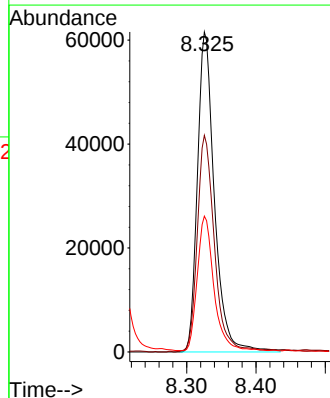
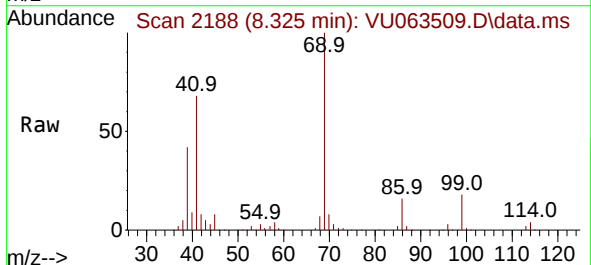
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

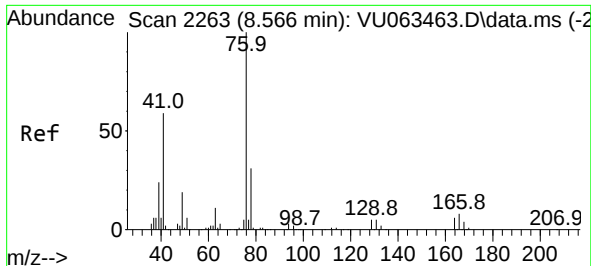
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 70411 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 85.6  | 74.2  | 111.4 |
| 85       | 55.3  | 45.8  | 68.8  |
| 99       | 61.5  | 52.5  | 78.7  |



#56  
 Ethyl methacrylate  
 Concen: 51.422 ug/l  
 RT: 8.325 min Scan# 2188  
 Delta R.T. -0.003 min  
 Lab File: VU063509.D  
 Acq: 14 Jul 2025 16:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 105264 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 68.1  | 53.0  | 79.6   |
| 39       | 40.8  | 31.0  | 46.4   |





#57

1,3-Dichloropropane

Concen: 54.099 ug/l

RT: 8.563 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

Instrument :

MSVOA\_U

ClientSampleId :

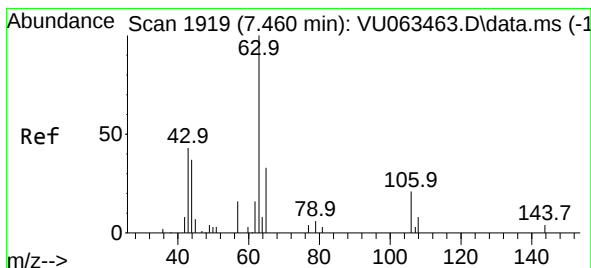
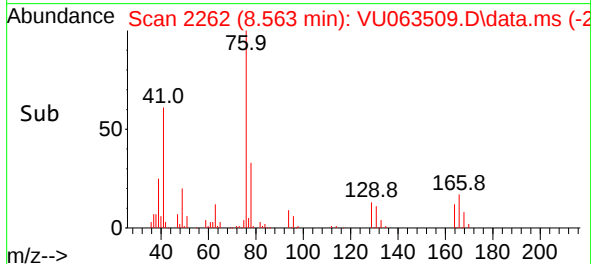
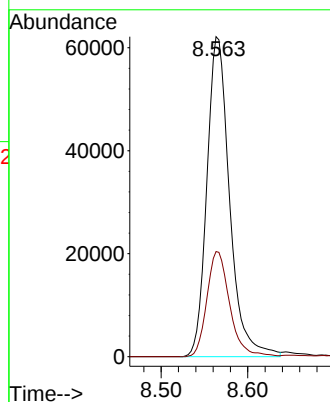
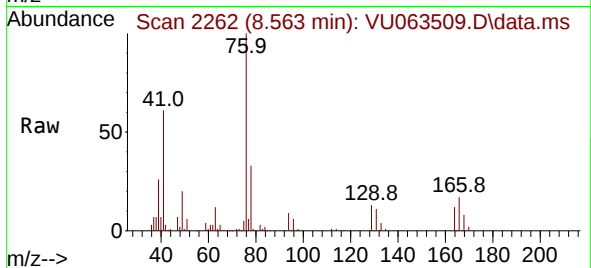
VSTDCCC050EC

Tgt Ion: 76 Resp: 113164

Ion Ratio Lower Upper

76 100

78 33.0 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 432.430 ug/l

RT: 7.461 min Scan# 1919

Delta R.T. 0.001 min

Lab File: VU063509.D

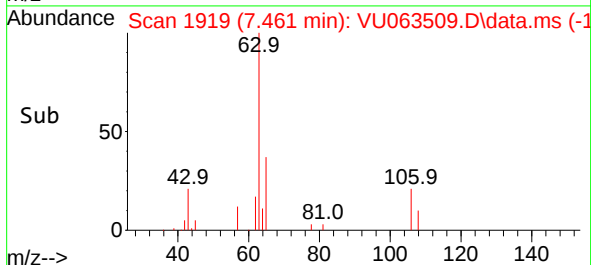
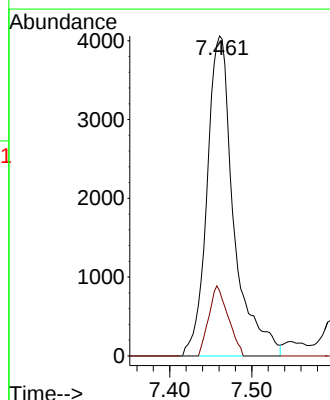
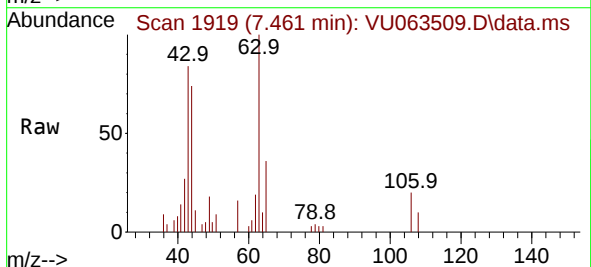
Acq: 14 Jul 2025 16:06

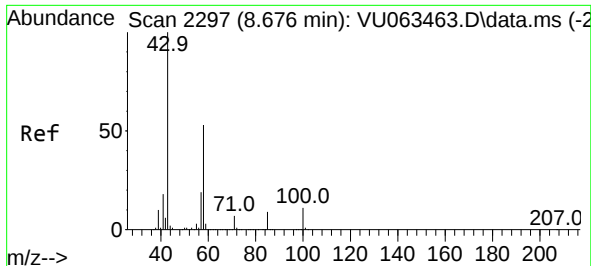
Tgt Ion: 63 Resp: 9192

Ion Ratio Lower Upper

63 100

106 15.8 11.5 17.3

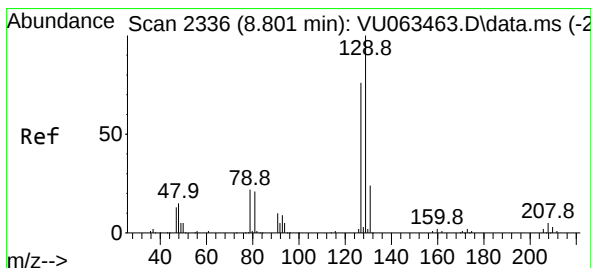
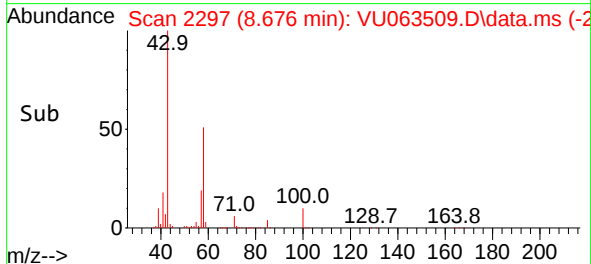
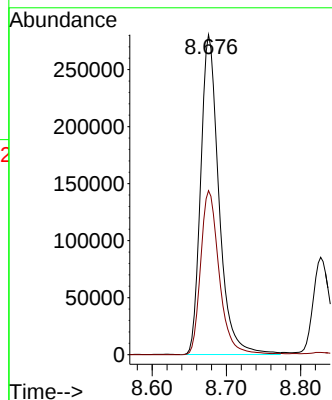
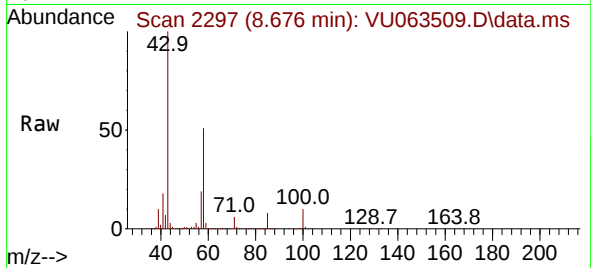




#59  
2-Hexanone  
Concen: 278.000 ug/l  
RT: 8.676 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

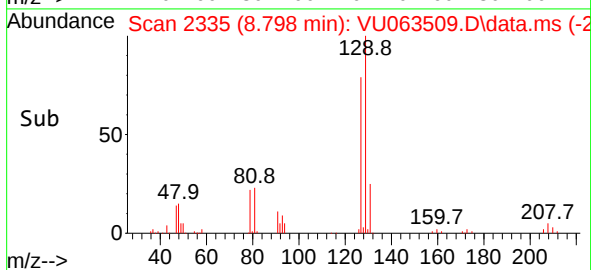
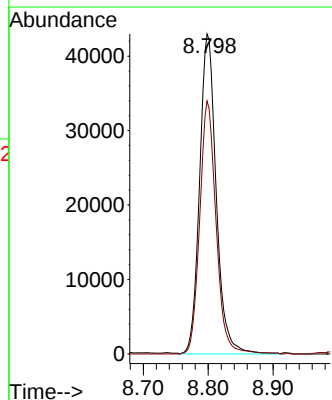
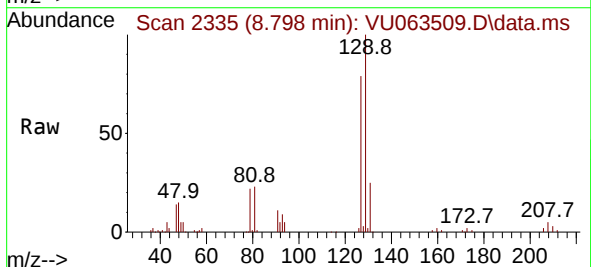
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

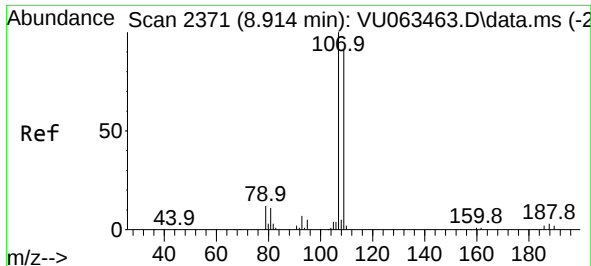
Tgt Ion: 43 Resp: 478901  
Ion Ratio Lower Upper  
43 100  
58 52.1 26.9 80.7



#60  
Dibromochloromethane  
Concen: 53.919 ug/l  
RT: 8.798 min Scan# 2335  
Delta R.T. -0.003 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

Tgt Ion: 129 Resp: 76651  
Ion Ratio Lower Upper  
129 100  
127 77.8 39.1 117.2

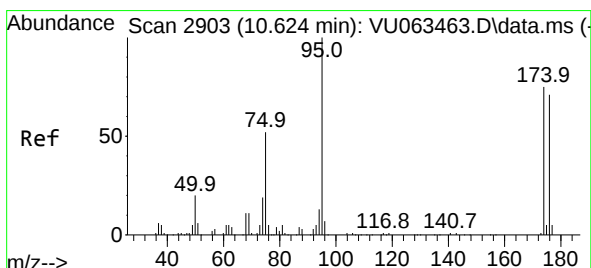
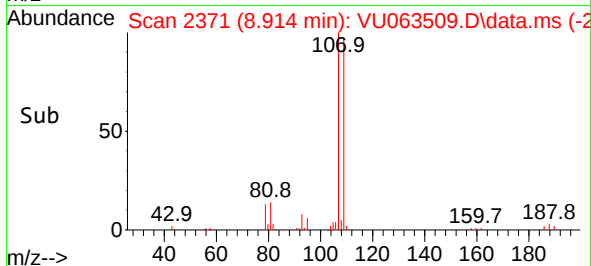
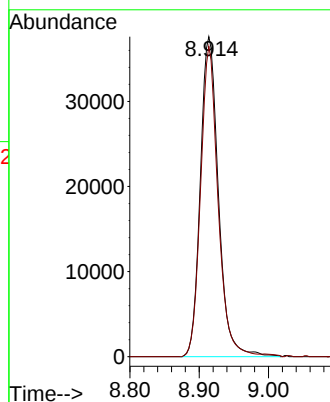
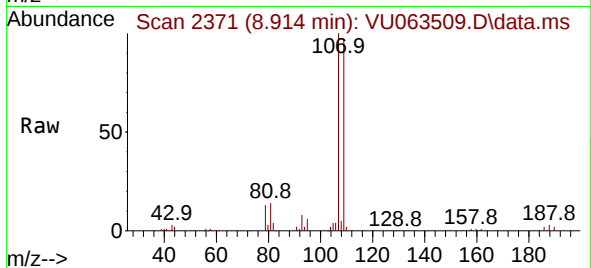




#61  
1,2-Dibromoethane  
Concen: 54.867 ug/l  
RT: 8.914 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

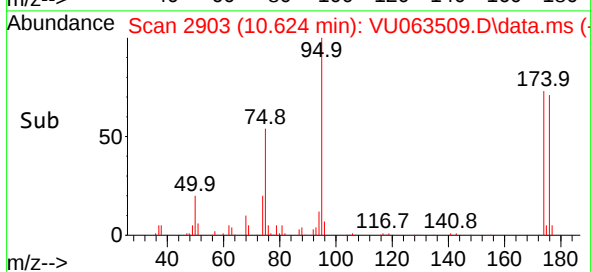
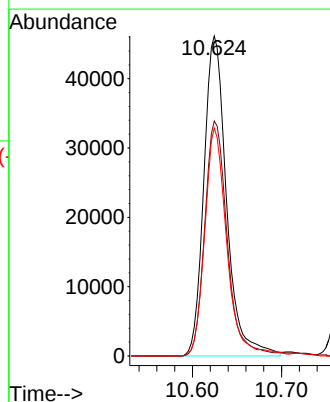
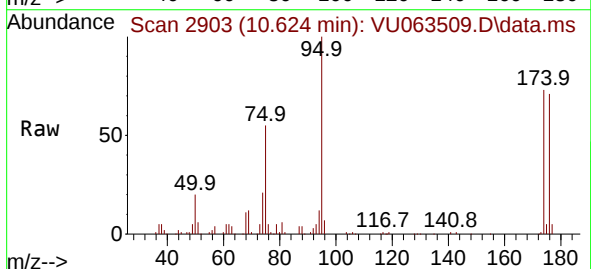
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

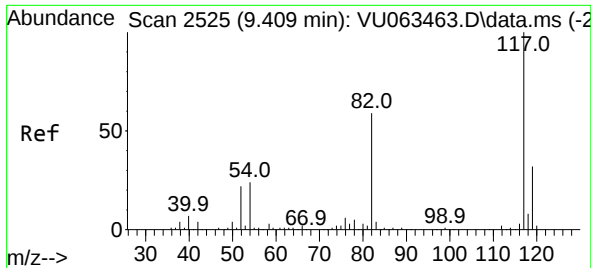
Tgt Ion:107 Resp: 68337  
Ion Ratio Lower Upper  
107 100  
109 93.4 73.7 110.5



#62  
4-Bromofluorobenzene  
Concen: 53.093 ug/l  
RT: 10.624 min Scan# 2903  
Delta R.T. 0.000 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

Tgt Ion: 95 Resp: 81497  
Ion Ratio Lower Upper  
95 100  
174 73.1 0.0 153.6  
176 69.4 0.0 145.8

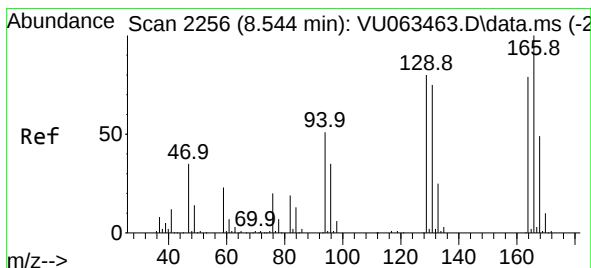
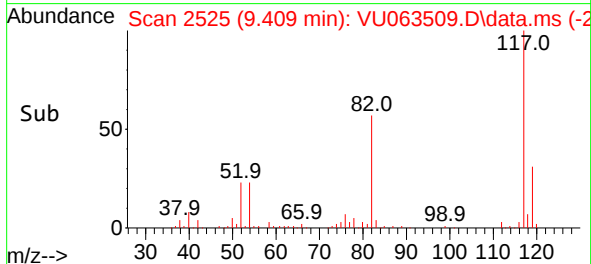
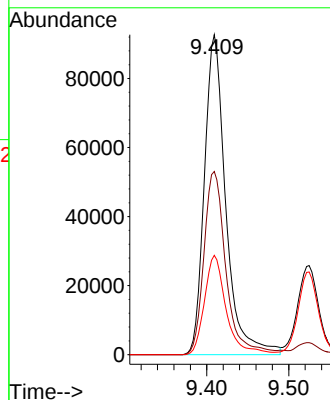
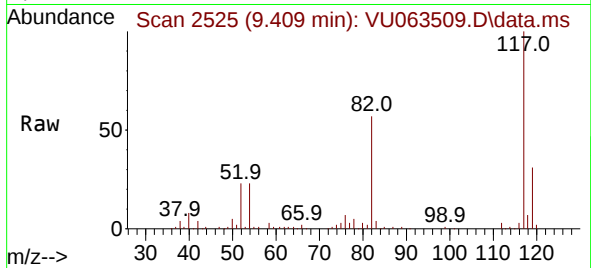




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.409 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

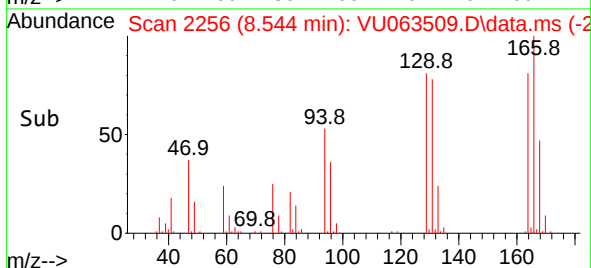
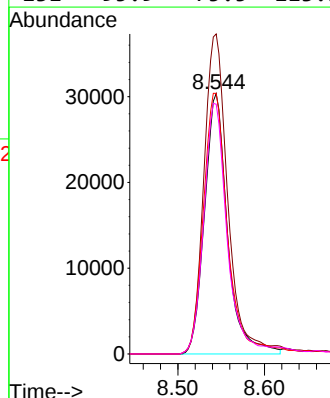
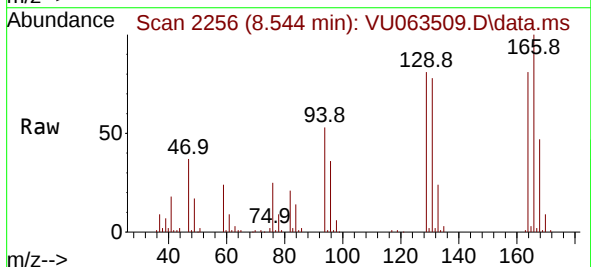
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

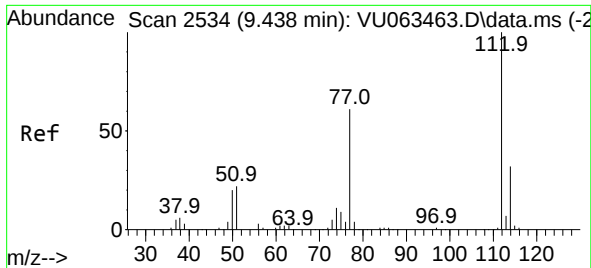
Tgt Ion:117 Resp: 168356  
Ion Ratio Lower Upper  
117 100  
82 57.3 47.1 70.7  
119 31.0 25.4 38.0



#64  
Tetrachloroethene  
Concen: 44.545 ug/l  
RT: 8.544 min Scan# 2256  
Delta R.T. 0.000 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

Tgt Ion:164 Resp: 55828  
Ion Ratio Lower Upper  
164 100  
166 122.9 100.9 151.3  
129 100.1 80.9 121.3  
131 95.9 75.5 113.3

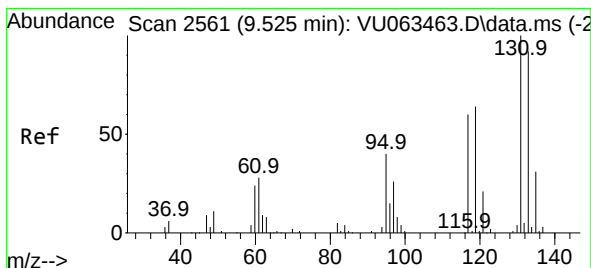
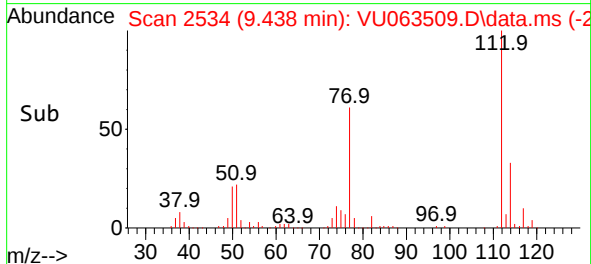
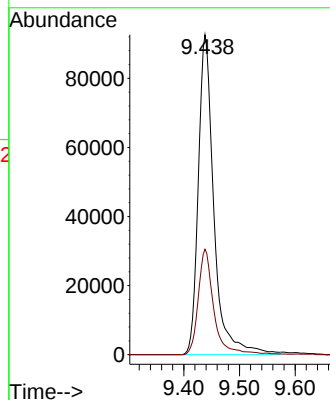
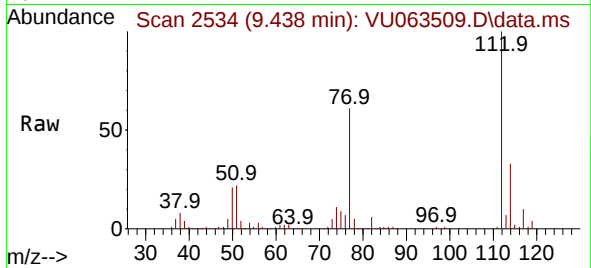




#65  
Chlorobenzene  
Concen: 51.526 ug/l  
RT: 9.438 min Scan# 2534  
Delta R.T. 0.000 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

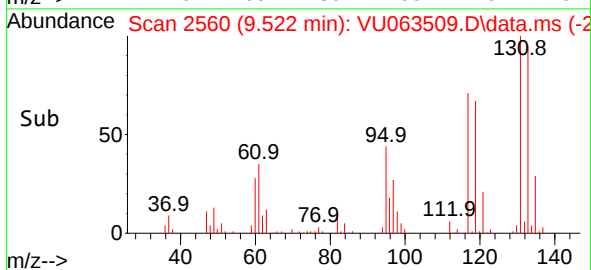
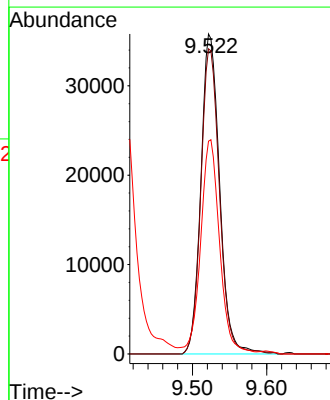
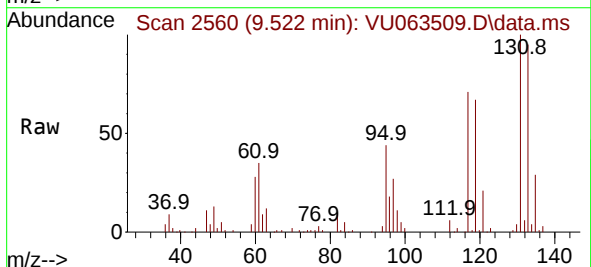
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

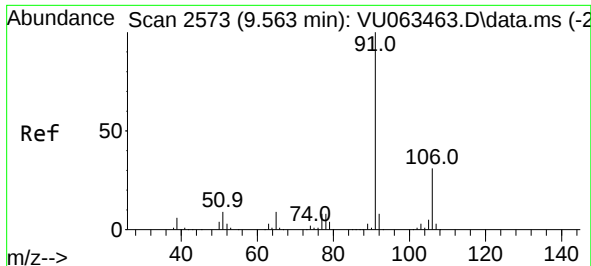
Tgt Ion:112 Resp: 180479  
Ion Ratio Lower Upper  
112 100  
114 33.0 25.5 38.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.176 ug/l  
RT: 9.522 min Scan# 2560  
Delta R.T. -0.003 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

Tgt Ion:131 Resp: 62676  
Ion Ratio Lower Upper  
131 100  
133 95.0 46.4 139.2  
119 66.2 33.3 99.9





#67

Ethyl Benzene

Concen: 49.941 ug/l

RT: 9.560 min Scan# 2

Delta R.T. -0.003 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

Instrument :

MSVOA\_U

ClientSampleId :

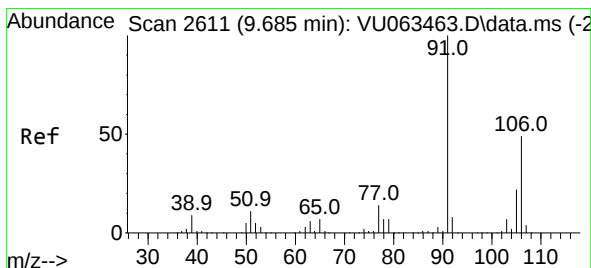
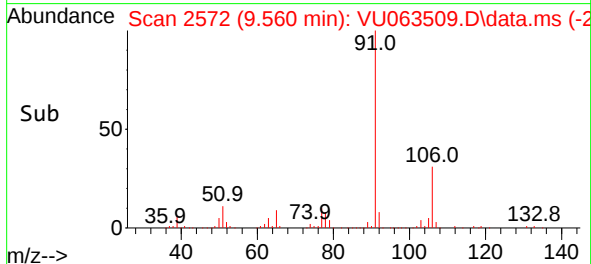
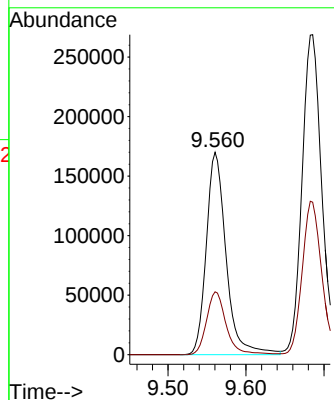
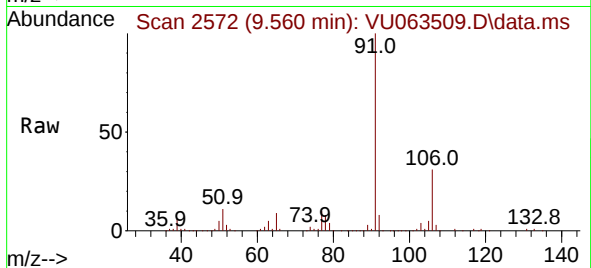
VSTDCCC050EC

Tgt Ion: 91 Resp: 300640

Ion Ratio Lower Upper

91 100

106 31.1 24.5 36.7



#68

m/p-Xylenes

Concen: 99.616 ug/l

RT: 9.682 min Scan# 2610

Delta R.T. -0.003 min

Lab File: VU063509.D

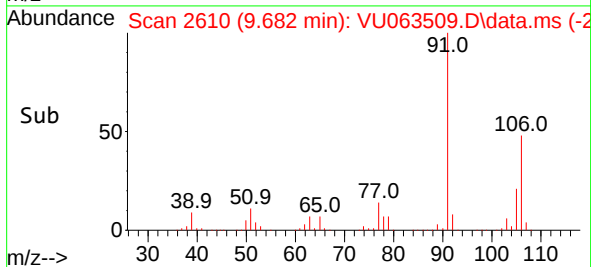
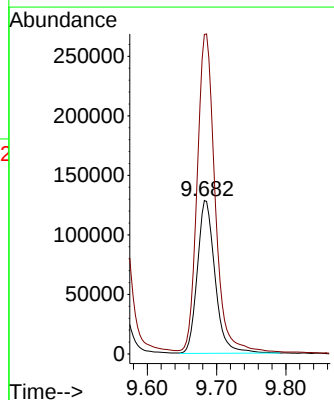
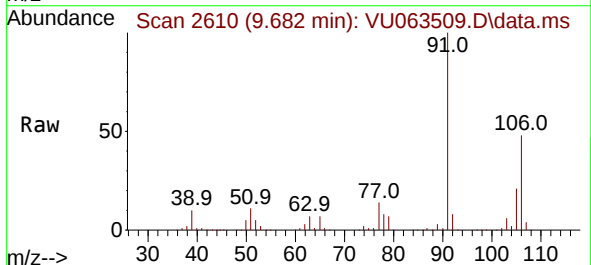
Acq: 14 Jul 2025 16:06

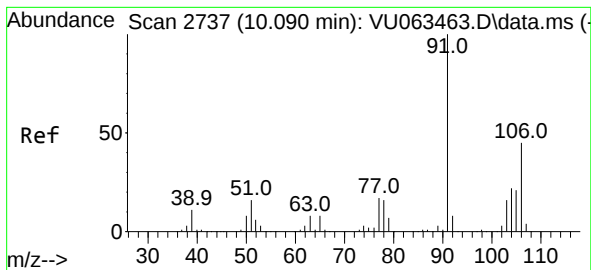
Tgt Ion:106 Resp: 228867

Ion Ratio Lower Upper

106 100

91 210.8 163.6 245.4





#69

o-Xylene

Concen: 49.694 ug/l

RT: 10.091 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

Instrument :

MSVOA\_U

ClientSampleId :

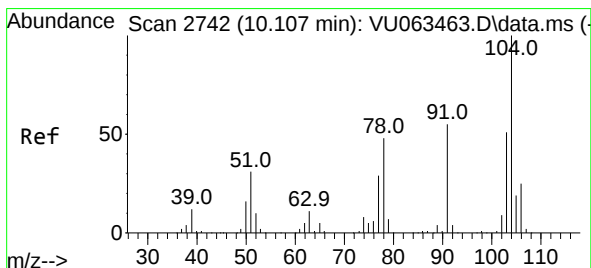
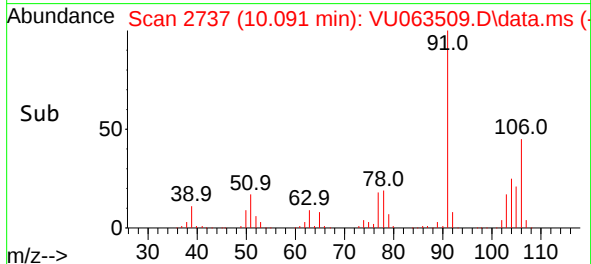
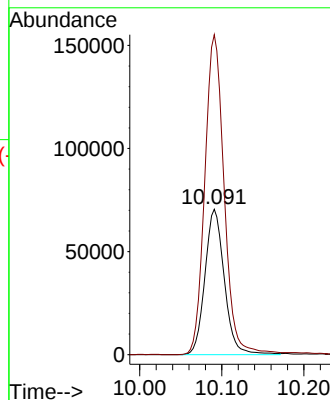
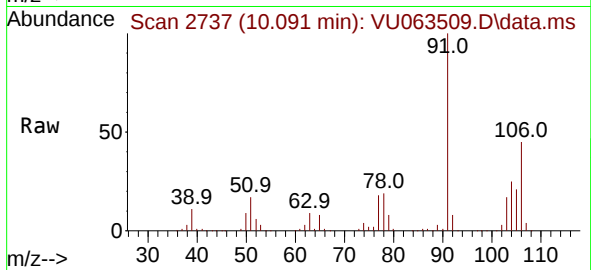
VSTDCCC050EC

Tgt Ion:106 Resp: 116077

Ion Ratio Lower Upper

106 100

91 219.6 110.7 331.9



#70

Styrene

Concen: 52.500 ug/l

RT: 10.107 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

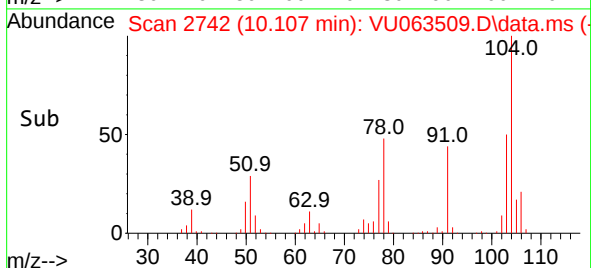
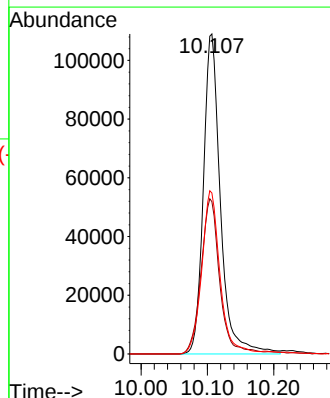
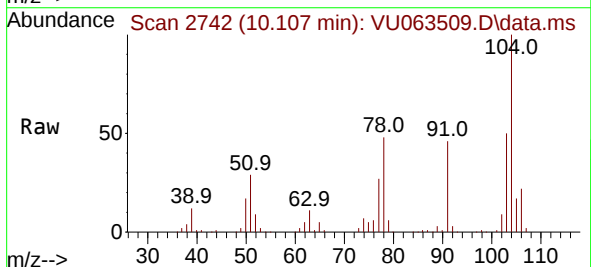
Tgt Ion:104 Resp: 194986

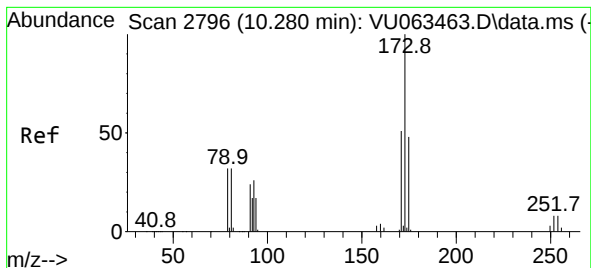
Ion Ratio Lower Upper

104 100

78 52.9 41.4 62.0

103 54.4 44.3 66.5





#71

Bromoform

Concen: 48.734 ug/l

RT: 10.280 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

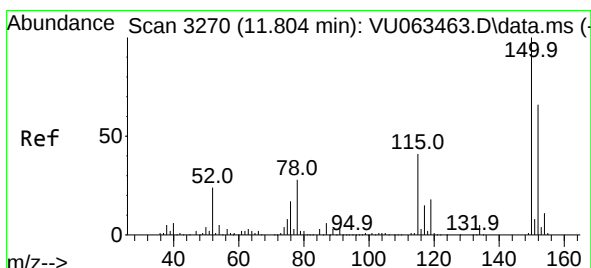
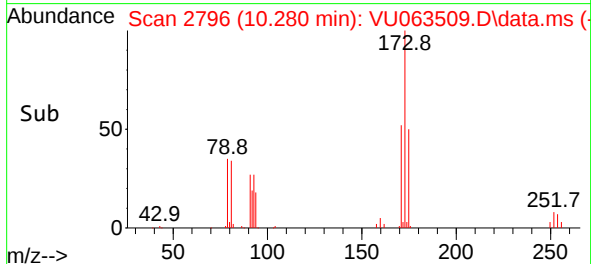
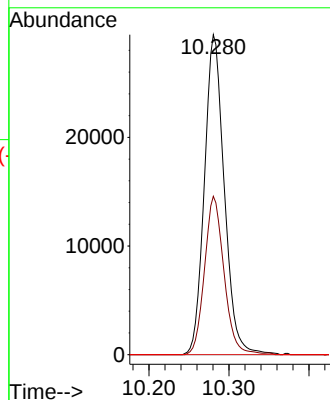
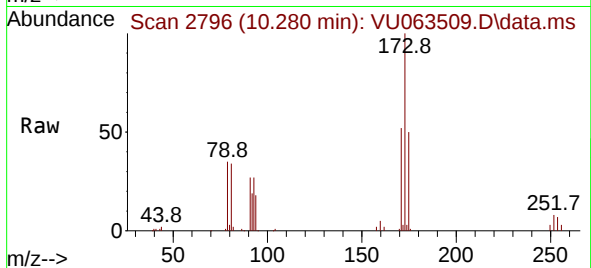
Tgt Ion:173 Resp: 51026

Ion Ratio Lower Upper

173 100

175 48.4 24.0 72.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.804 min Scan# 3270

Delta R.T. 0.000 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

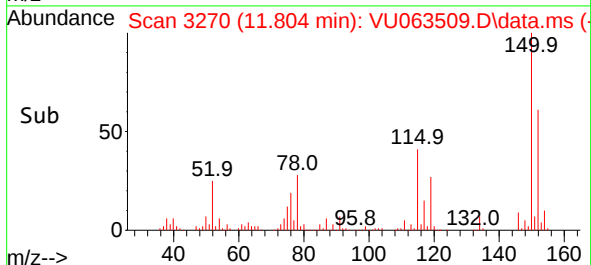
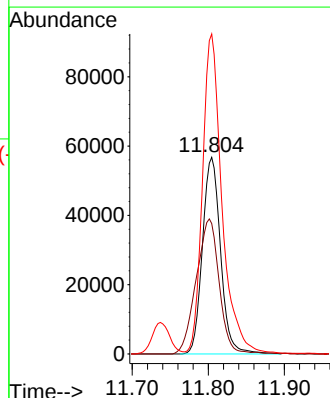
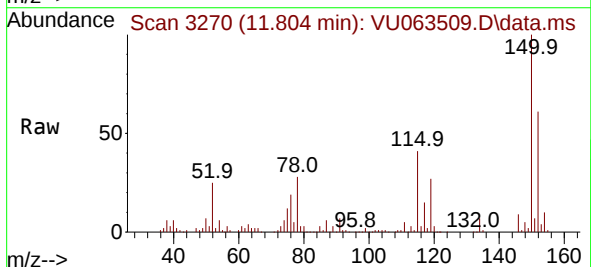
Tgt Ion:152 Resp: 94000

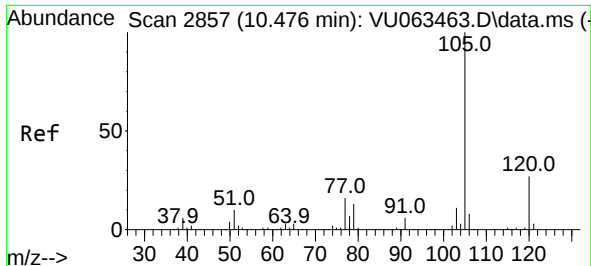
Ion Ratio Lower Upper

152 100

115 86.2 43.4 130.2

150 174.8 0.0 341.4

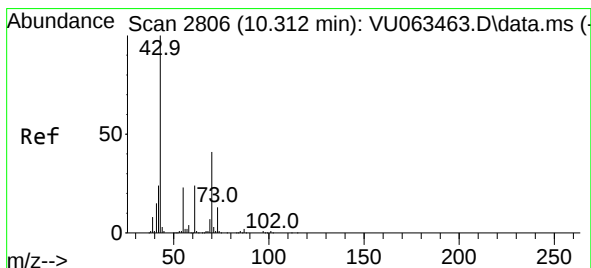
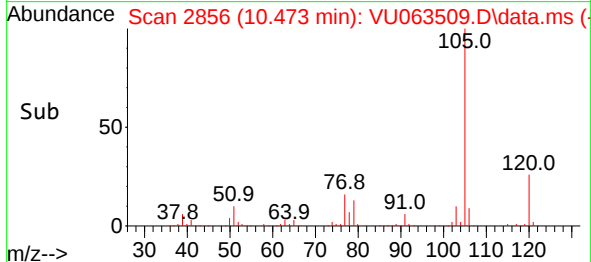
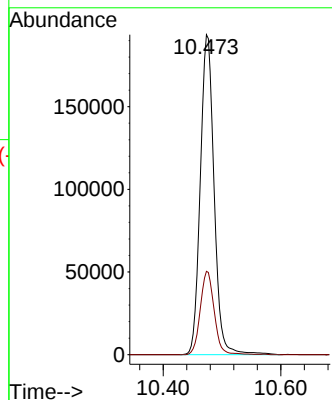
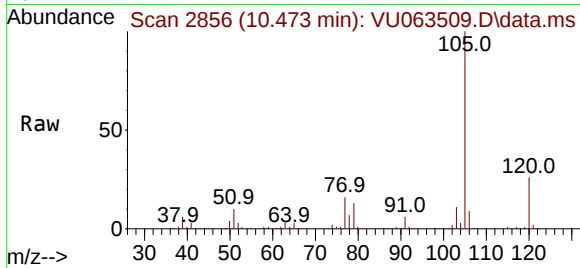




#73  
Isopropylbenzene  
Concen: 49.291 ug/l  
RT: 10.473 min Scan# 2857  
Delta R.T. -0.003 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

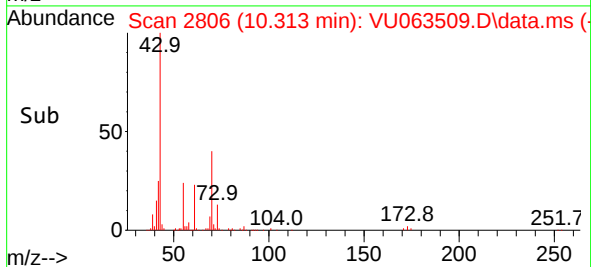
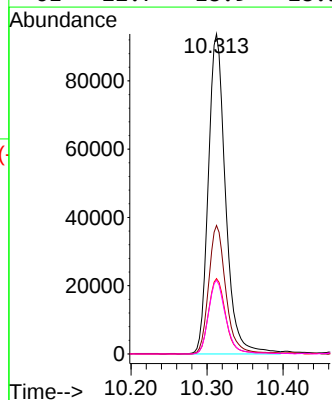
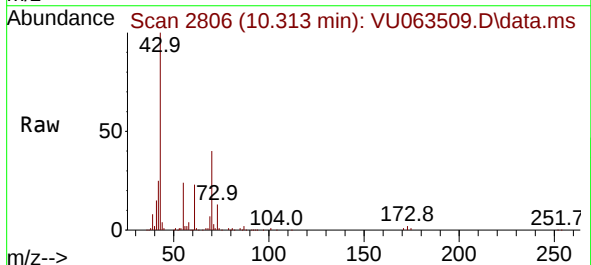
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

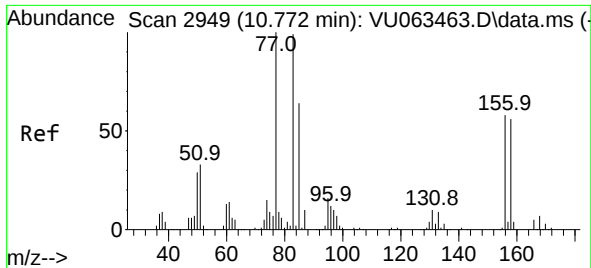
Tgt Ion:105 Resp: 315266  
Ion Ratio Lower Upper  
105 100  
120 26.2 13.1 39.1



#74  
N-ethyl acetate  
Concen: 51.444 ug/l  
RT: 10.313 min Scan# 2806  
Delta R.T. 0.000 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

Tgt Ion: 43 Resp: 147558  
Ion Ratio Lower Upper  
43 100  
70 40.2 32.6 48.8  
55 23.8 18.6 27.8  
61 22.7 18.9 28.3

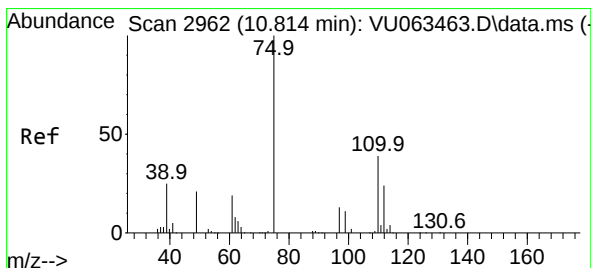
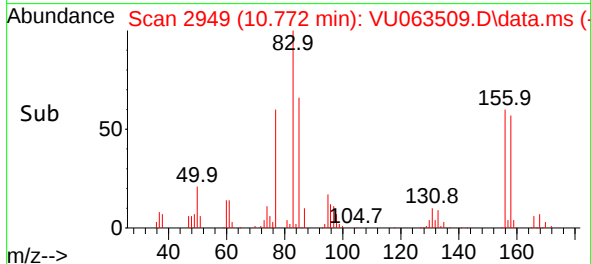
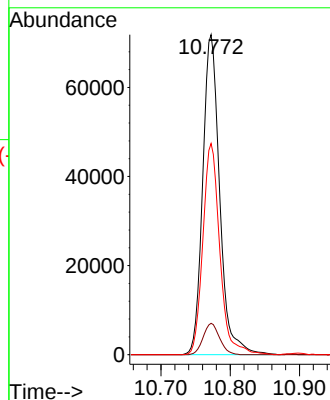
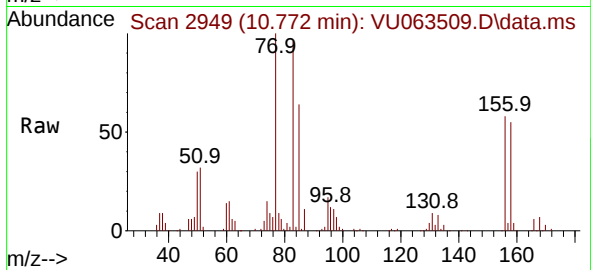




#75  
1,1,2,2-Tetrachloroethane  
Concen: 51.898 ug/l  
RT: 10.772 min Scan# 2949  
Delta R.T. 0.000 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

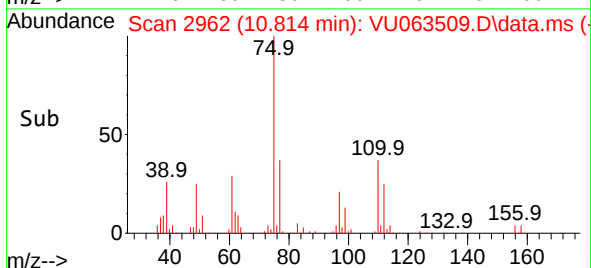
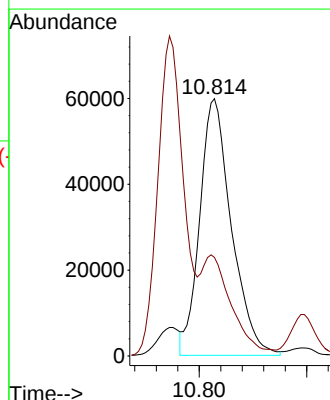
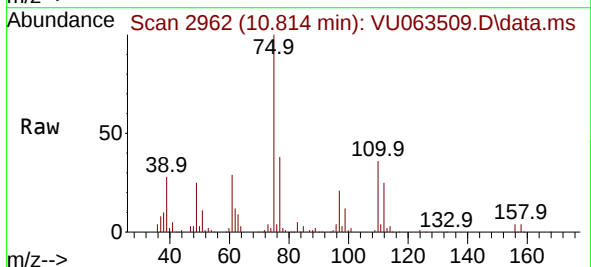
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ClientSampleId :  
VSTDCCC050EC

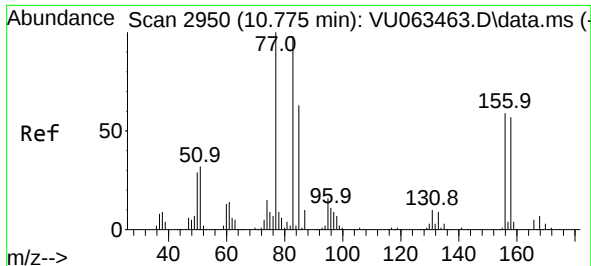
Tgt Ion: 83 Resp: 122185  
Ion Ratio Lower Upper  
83 100  
131 9.4 4.8 14.3  
85 65.9 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 49.138 ug/l  
RT: 10.814 min Scan# 2962  
Delta R.T. 0.000 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

Tgt Ion: 75 Resp: 122394  
Ion Ratio Lower Upper  
75 100  
77 0.0 3.1 9.4#

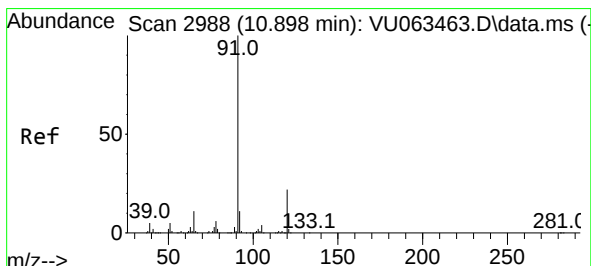
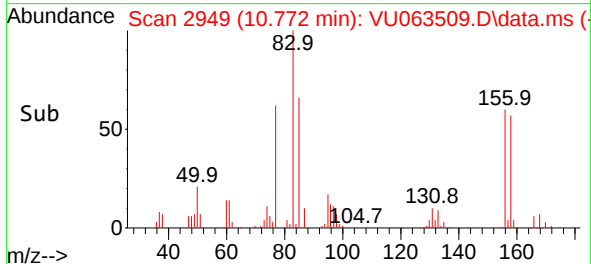
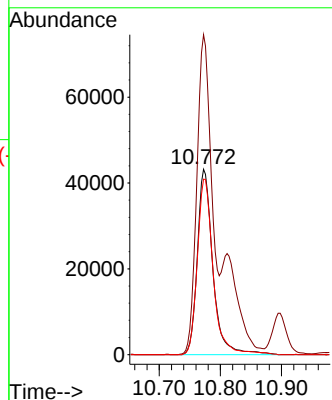
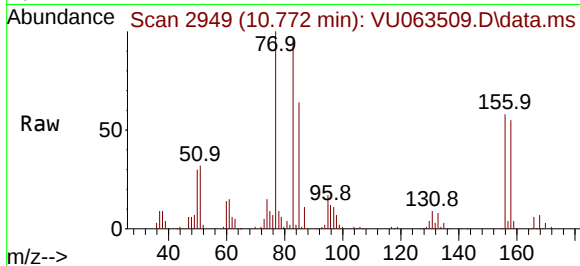




#77  
Bromobenzene  
Concen: 48.677 ug/l  
RT: 10.772 min Scan# 2950  
Delta R.T. -0.003 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

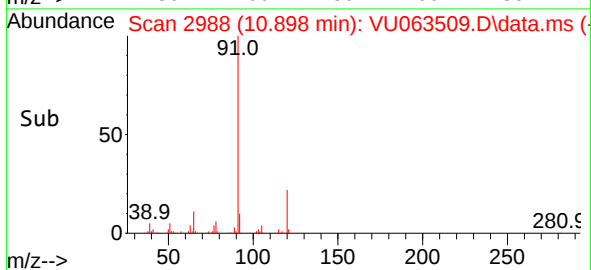
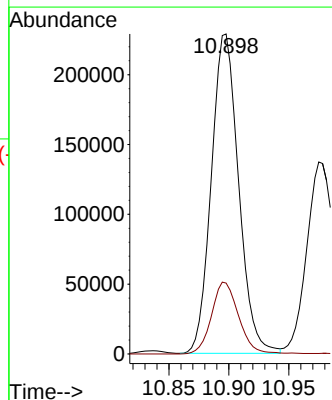
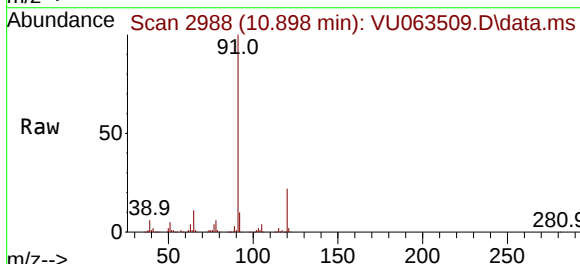
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

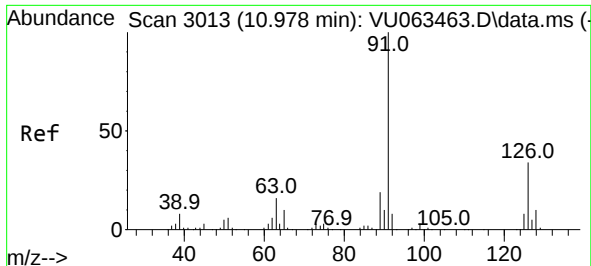
Tgt Ion:156 Resp: 76317  
Ion Ratio Lower Upper  
156 100  
77 164.0 78.2 234.6  
158 97.0 46.8 140.4



#78  
n-propylbenzene  
Concen: 48.842 ug/l  
RT: 10.898 min Scan# 2988  
Delta R.T. 0.000 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

Tgt Ion: 91 Resp: 362296  
Ion Ratio Lower Upper  
91 100  
120 22.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 49.351 ug/l

RT: 10.975 min Scan# 3012

Delta R.T. -0.003 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

Instrument :

MSVOA\_U

ClientSampleId :

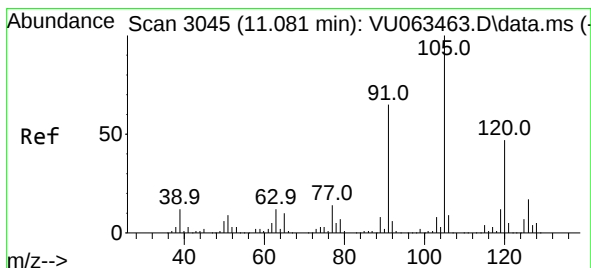
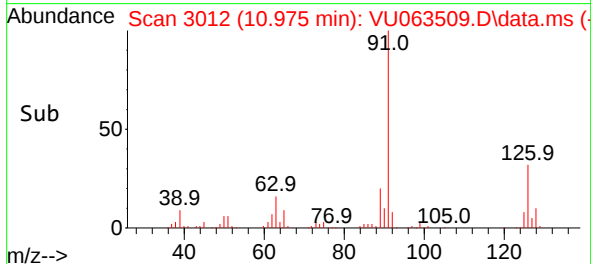
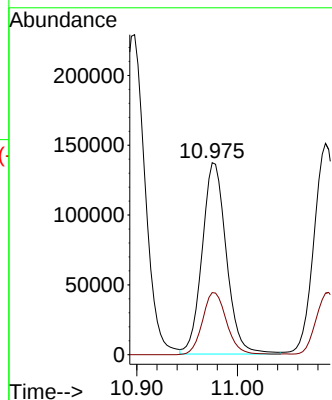
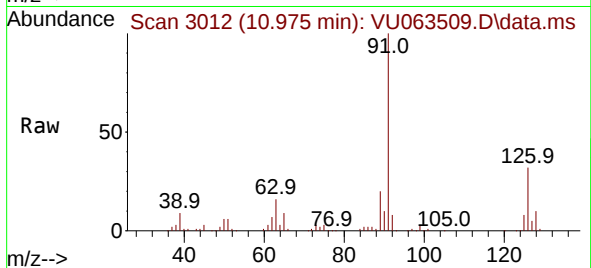
VSTDCCC050EC

Tgt Ion: 91 Resp: 229584

Ion Ratio Lower Upper

91 100

126 32.4 15.9 47.7



#80

1,3,5-Trimethylbenzene

Concen: 48.179 ug/l

RT: 11.078 min Scan# 3044

Delta R.T. -0.003 min

Lab File: VU063509.D

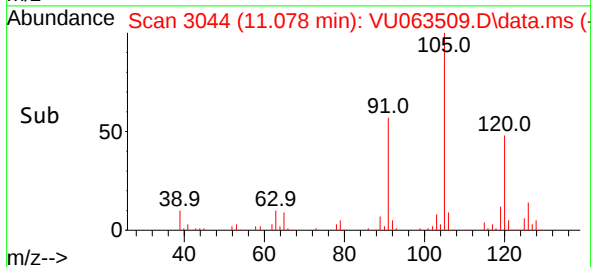
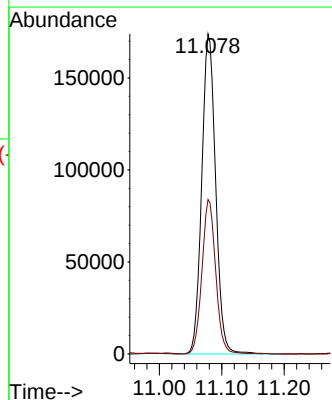
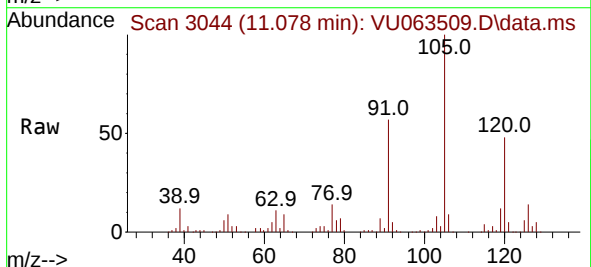
Acq: 14 Jul 2025 16:06

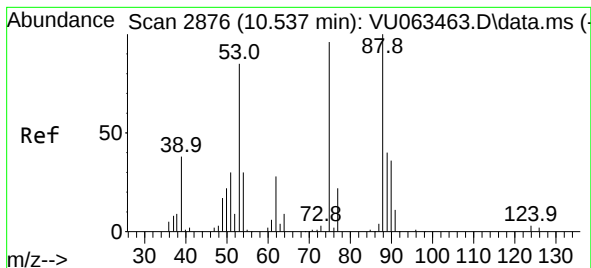
Tgt Ion:105 Resp: 269532

Ion Ratio Lower Upper

105 100

120 47.8 23.4 70.2

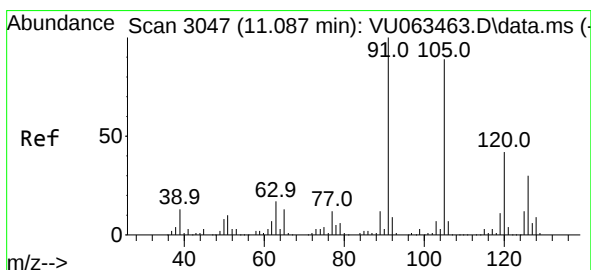
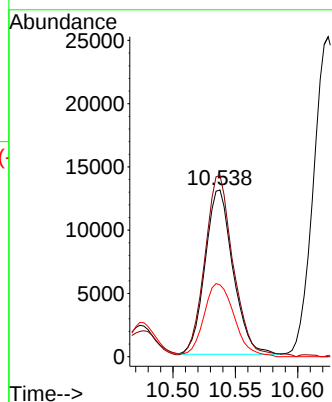
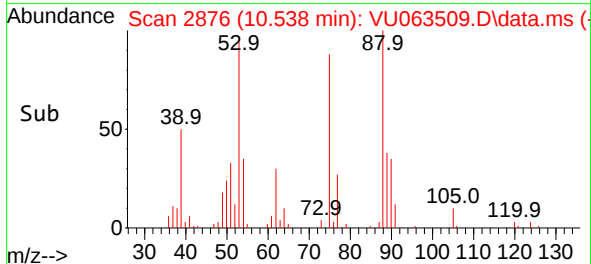
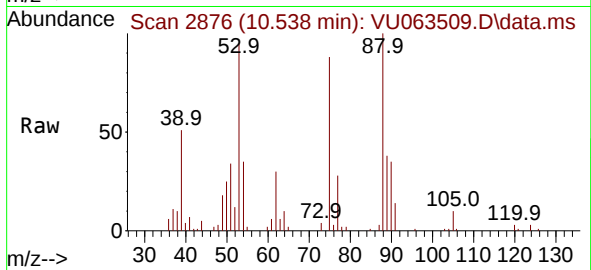




#81  
trans-1,4-Dichloro-2-butene  
Concen: 40.577 ug/l  
RT: 10.538 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

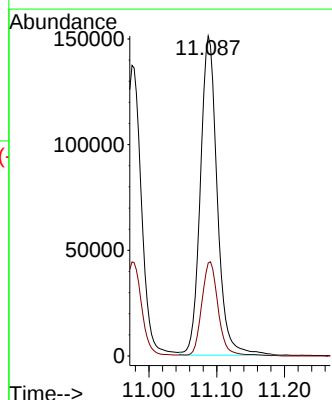
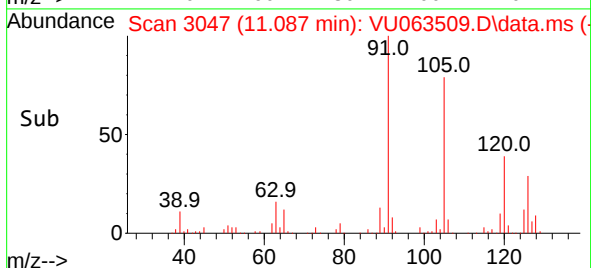
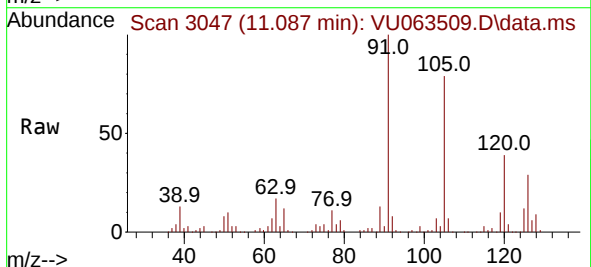
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MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

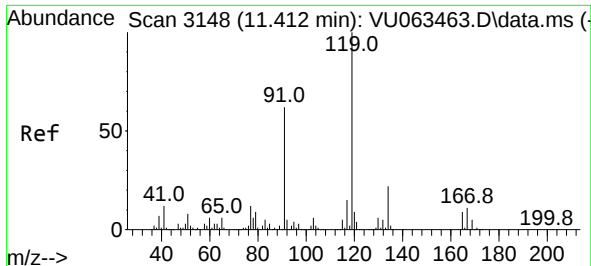
Tgt Ion: 75 Resp: 20265  
Ion Ratio Lower Upper  
75 100  
53 113.2 74.6 111.8#  
89 48.5 36.3 54.5



#82  
4-Chlorotoluene  
Concen: 49.446 ug/l  
RT: 11.087 min Scan# 3047  
Delta R.T. 0.000 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

Tgt Ion: 91 Resp: 261147  
Ion Ratio Lower Upper  
91 100  
126 27.6 14.4 43.2

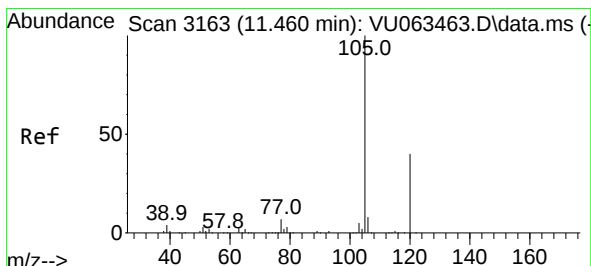
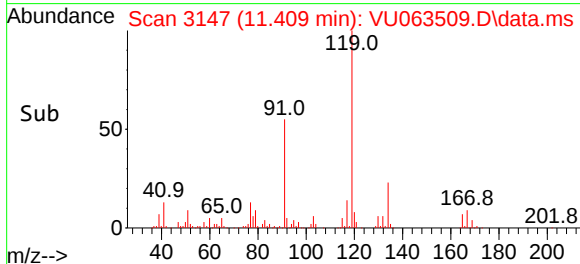
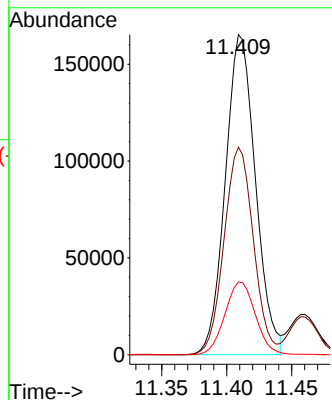
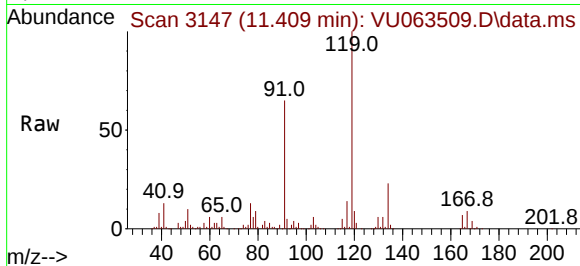




#83  
tert-Butylbenzene  
Concen: 49.865 ug/l  
RT: 11.409 min Scan# 3147  
Delta R.T. -0.003 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

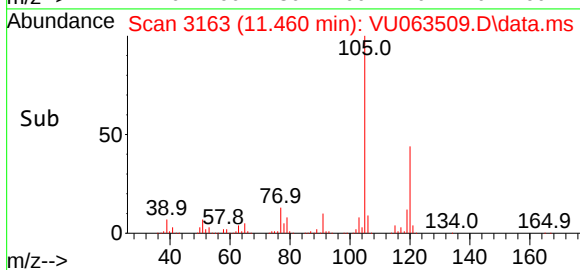
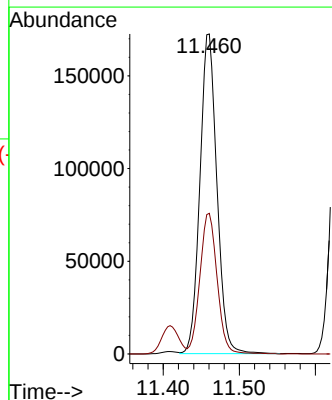
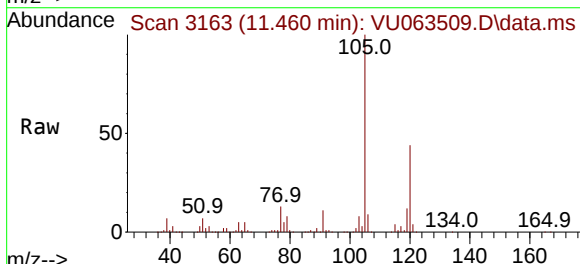
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

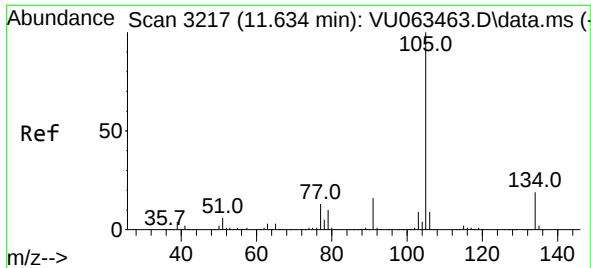
Tgt Ion:119 Resp: 267527  
Ion Ratio Lower Upper  
119 100  
91 62.9 30.3 91.0  
134 23.0 11.2 33.6



#84  
1,2,4-Trimethylbenzene  
Concen: 48.715 ug/l  
RT: 11.460 min Scan# 3163  
Delta R.T. 0.000 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

Tgt Ion:105 Resp: 267618  
Ion Ratio Lower Upper  
105 100  
120 44.6 22.1 66.3

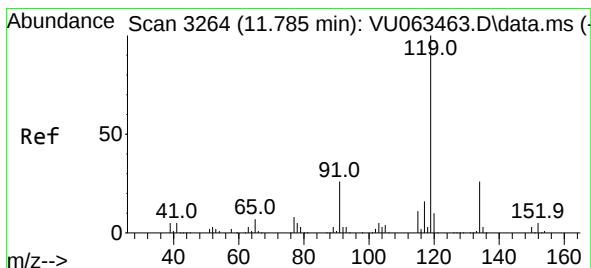
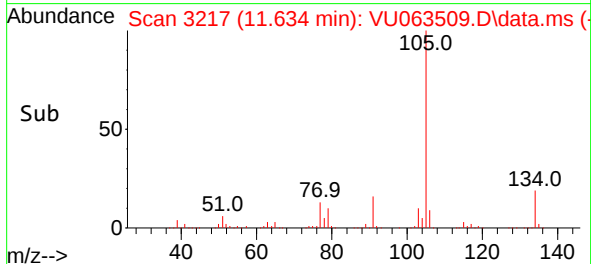
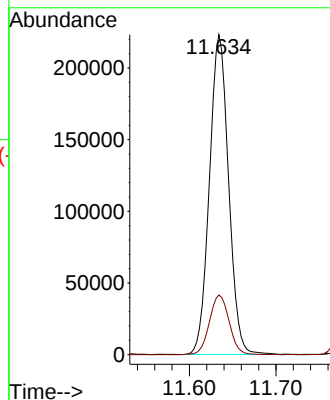
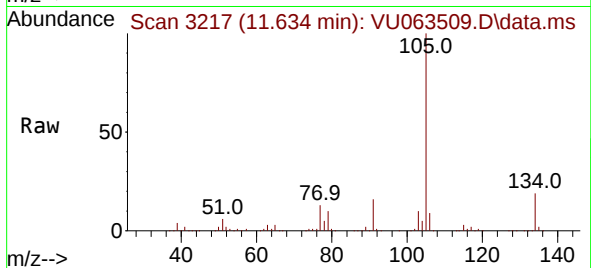




#85  
 sec-Butylbenzene  
 Concen: 48.461 ug/l  
 RT: 11.634 min Scan# 3217  
 Delta R.T. 0.000 min  
 Lab File: VU063509.D  
 Acq: 14 Jul 2025 16:06

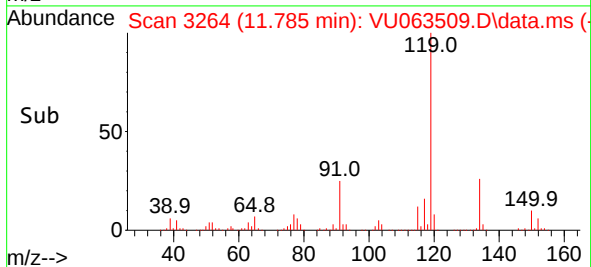
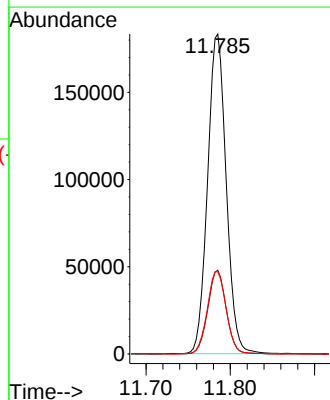
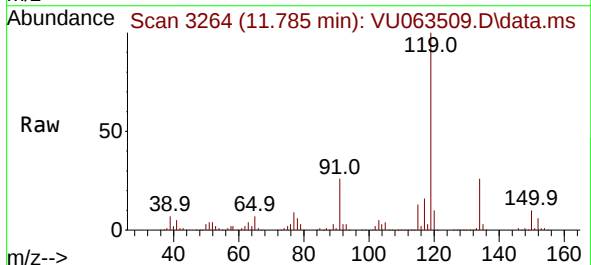
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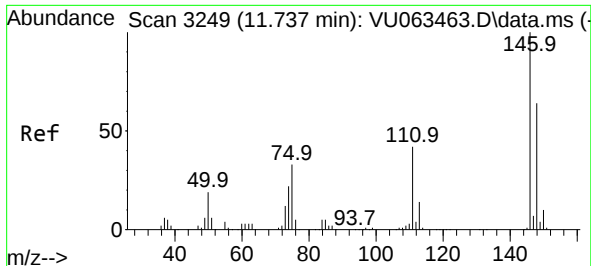
Tgt Ion:105 Resp: 343070  
 Ion Ratio Lower Upper  
 105 100  
 134 19.2 9.7 29.1



#86  
 p-Isopropyltoluene  
 Concen: 48.972 ug/l  
 RT: 11.785 min Scan# 3264  
 Delta R.T. 0.000 min  
 Lab File: VU063509.D  
 Acq: 14 Jul 2025 16:06

Tgt Ion:119 Resp: 281259  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 13.0 38.9  
 91 26.3 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 48.925 ug/l

RT: 11.737 min Scan# 3249

Delta R.T. 0.000 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

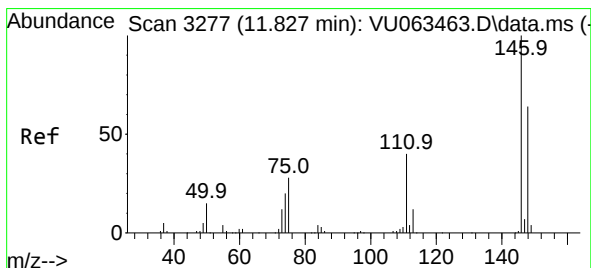
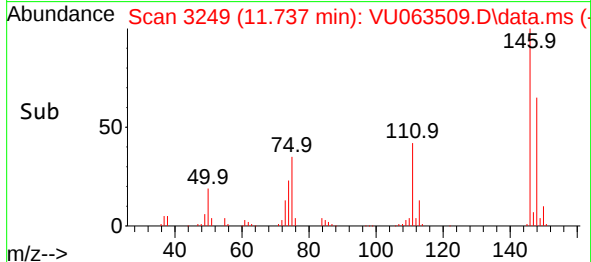
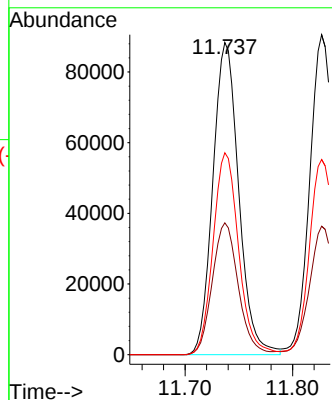
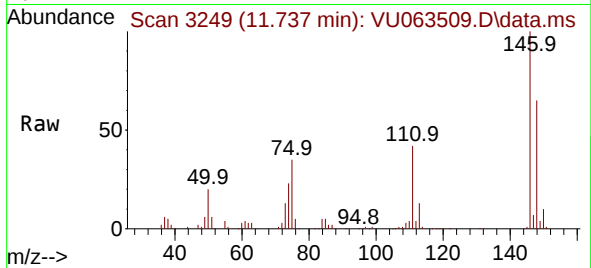
Tgt Ion:146 Resp: 147814

Ion Ratio Lower Upper

146 100

111 42.4 20.9 62.7

148 63.9 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 49.613 ug/l

RT: 11.827 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

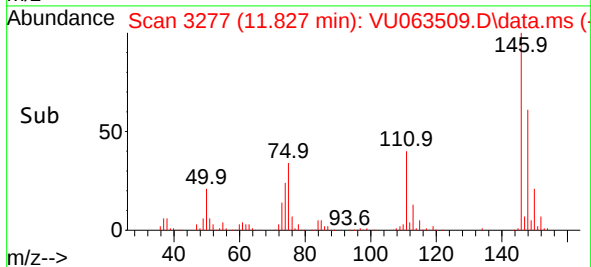
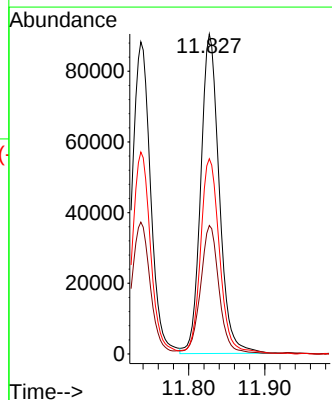
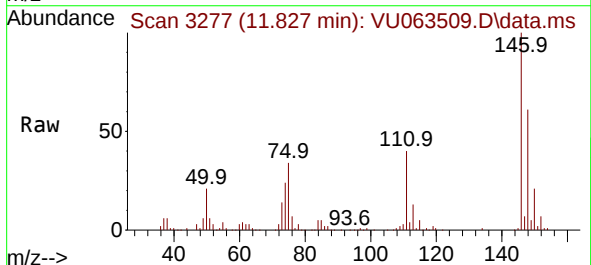
Tgt Ion:146 Resp: 152821

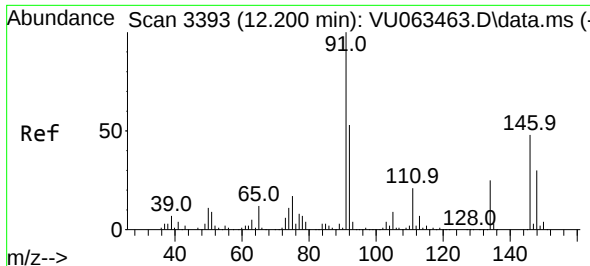
Ion Ratio Lower Upper

146 100

111 40.0 20.8 62.4

148 62.5 31.9 95.9

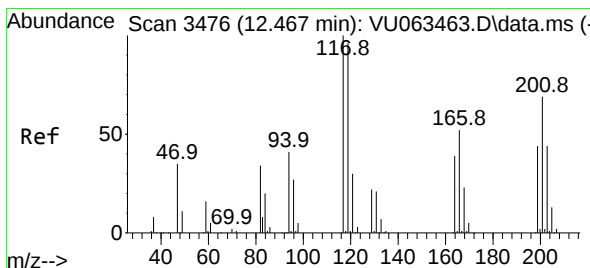
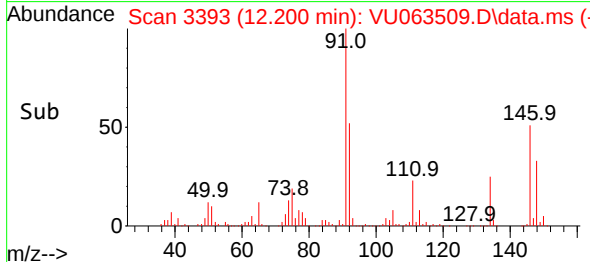
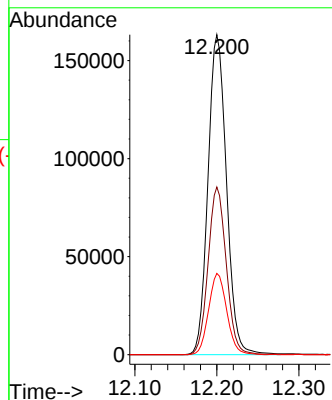
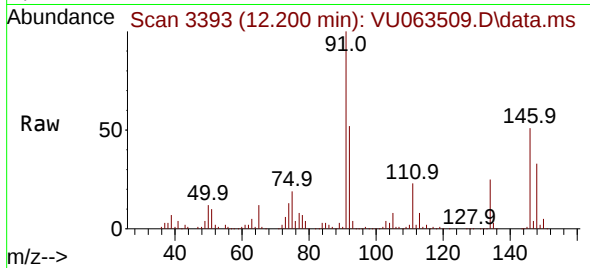




#89  
n-Butylbenzene  
Concen: 48.148 ug/l  
RT: 12.200 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

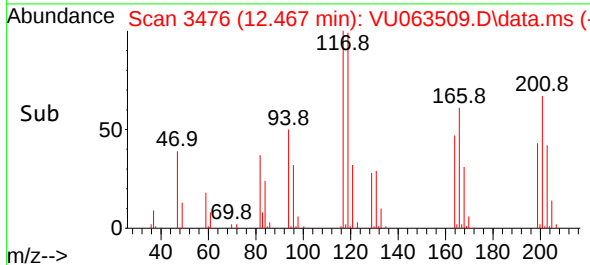
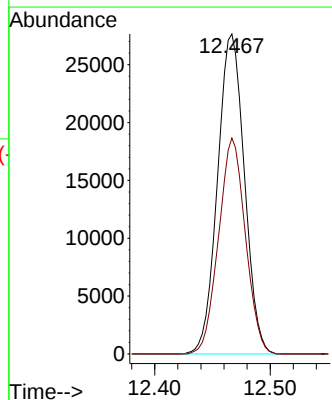
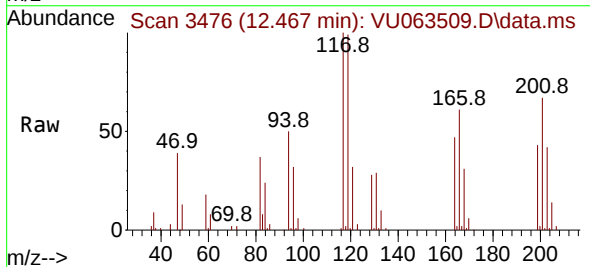
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ClientSampleId :  
VSTDCCC050EC

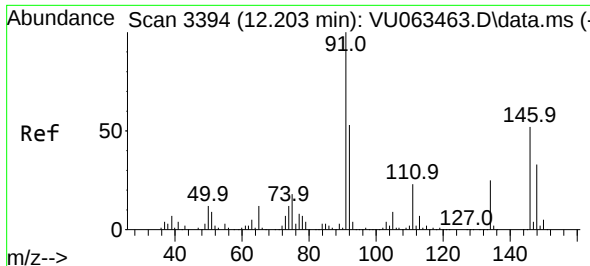
Tgt Ion: 91 Resp: 255939  
Ion Ratio Lower Upper  
91 100  
92 51.6 26.4 79.2  
134 24.9 12.4 37.0



#90  
Hexachloroethane  
Concen: 46.538 ug/l  
RT: 12.467 min Scan# 3476  
Delta R.T. 0.000 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

Tgt Ion: 117 Resp: 44703  
Ion Ratio Lower Upper  
117 100  
201 67.3 34.4 103.2

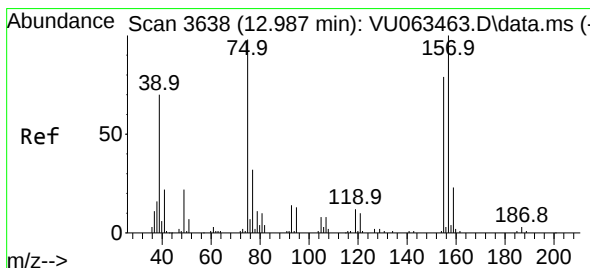
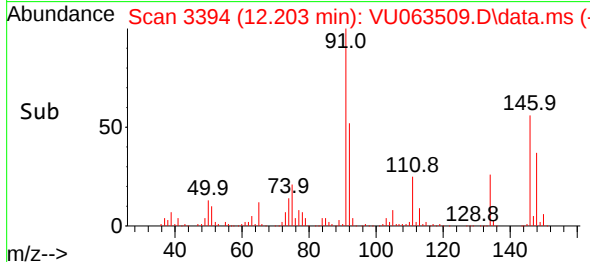
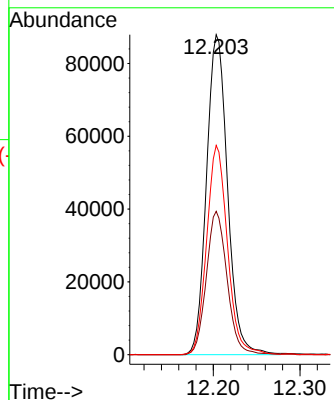
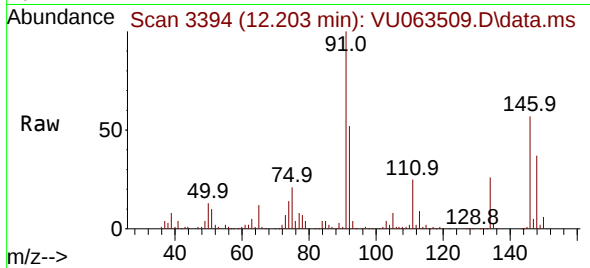




#91  
 1,2-Dichlorobenzene  
 Concen: 50.320 ug/l  
 RT: 12.203 min Scan# 311  
 Delta R.T. 0.000 min  
 Lab File: VU063509.D  
 Acq: 14 Jul 2025 16:06

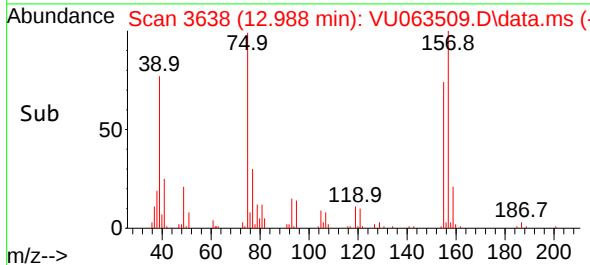
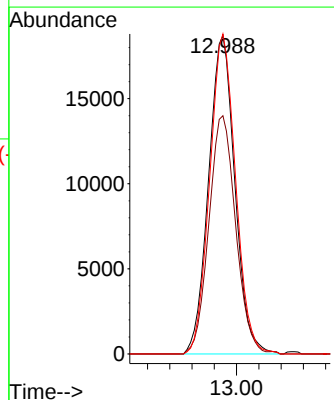
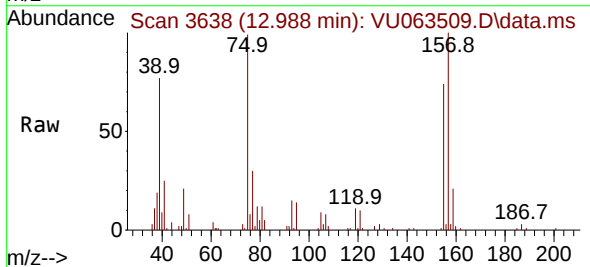
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

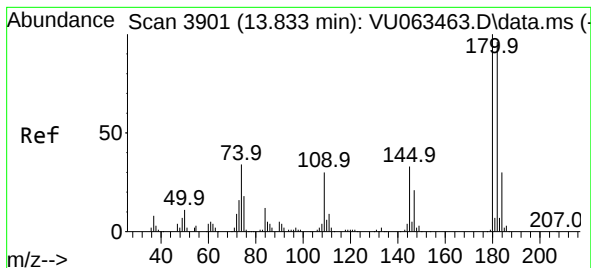
Tgt Ion:146 Resp: 148246  
 Ion Ratio Lower Upper  
 146 100  
 111 44.4 21.9 65.5  
 148 64.8 31.6 95.0



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 54.878 ug/l  
 RT: 12.988 min Scan# 3638  
 Delta R.T. 0.000 min  
 Lab File: VU063509.D  
 Acq: 14 Jul 2025 16:06

Tgt Ion: 75 Resp: 30600  
 Ion Ratio Lower Upper  
 75 100  
 155 76.4 39.1 117.5  
 157 99.1 49.4 148.2





#93

1,2,4-Trichlorobenzene

Concen: 48.553 ug/l

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

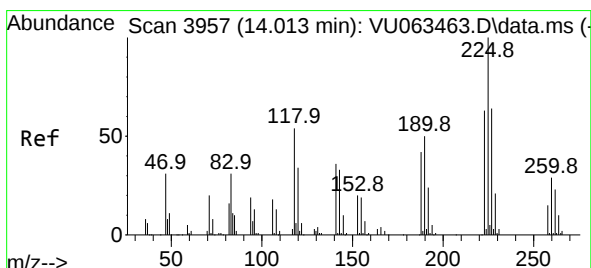
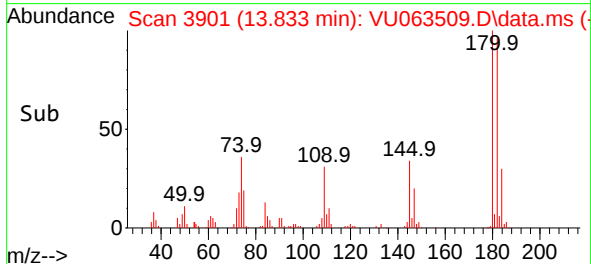
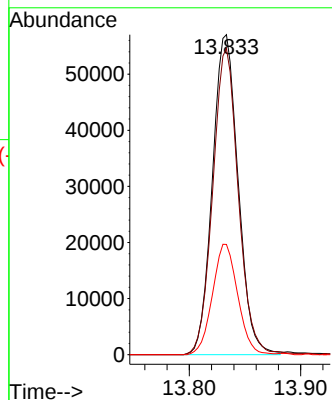
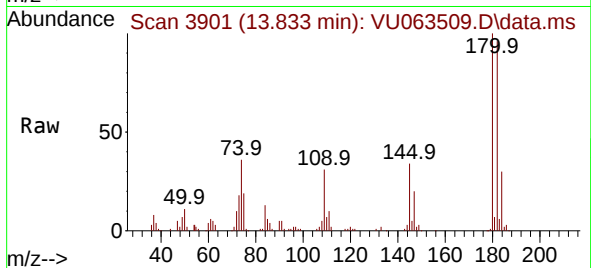
Tgt Ion:180 Resp: 91606

Ion Ratio Lower Upper

180 100

182 95.1 47.7 143.1

145 33.9 16.6 49.7



#94

Hexachlorobutadiene

Concen: 45.415 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. 0.000 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

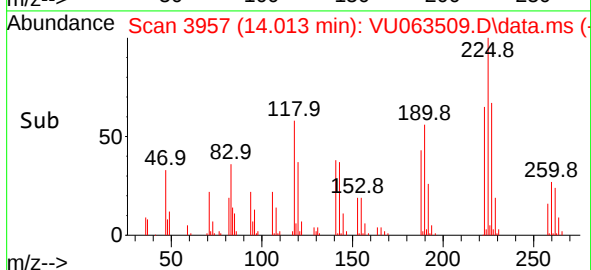
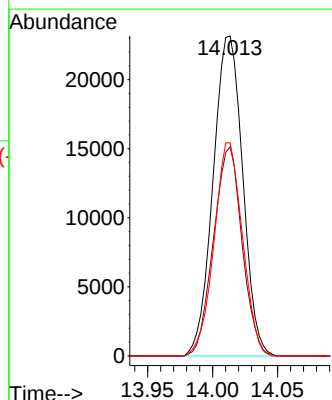
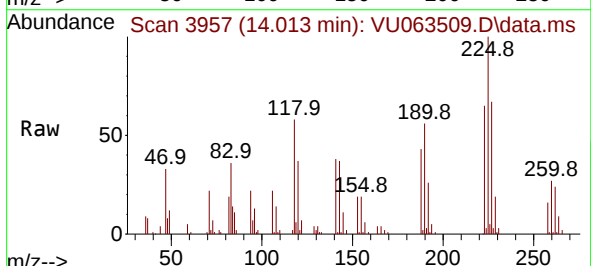
Tgt Ion:225 Resp: 36627

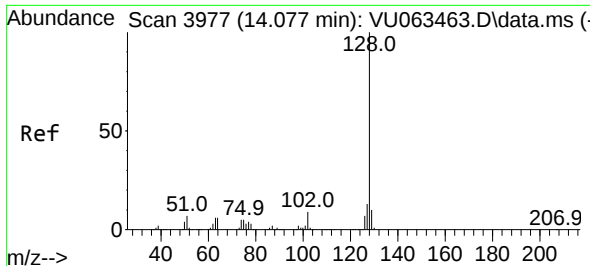
Ion Ratio Lower Upper

225 100

223 63.2 32.4 97.0

227 64.1 32.3 96.9

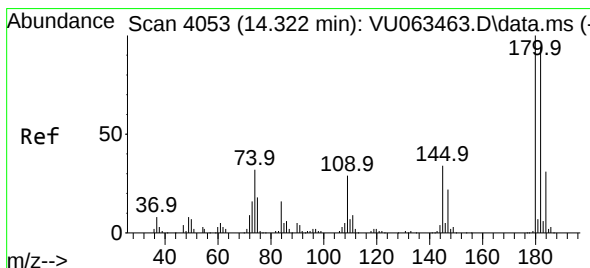
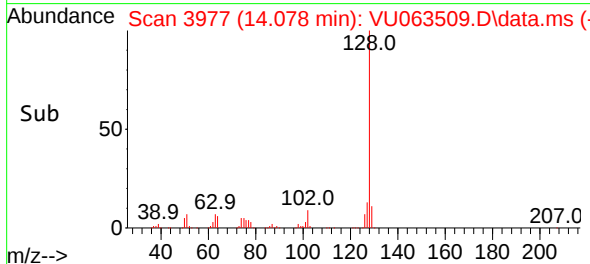
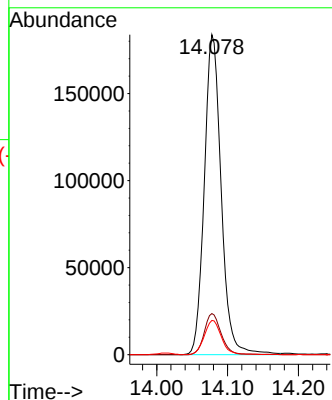
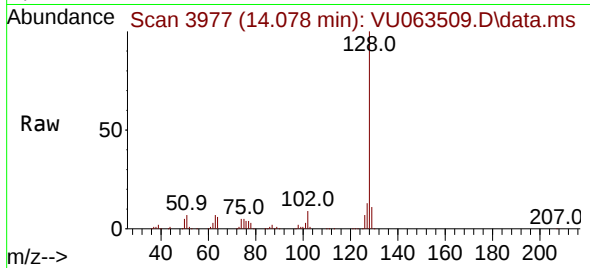




#95  
Naphthalene  
Concen: 49.247 ug/l  
RT: 14.078 min Scan# 3977  
Delta R.T. 0.000 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 304284  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.2 15.4  
129 10.9 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 48.278 ug/l  
RT: 14.322 min Scan# 4053  
Delta R.T. 0.000 min  
Lab File: VU063509.D  
Acq: 14 Jul 2025 16:06

Tgt Ion:180 Resp: 89514  
Ion Ratio Lower Upper  
180 100  
182 96.6 47.8 143.3  
145 36.1 17.2 51.5

