

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV071825\  
 Data File : VV038915.D  
 Acq On : 18 Jul 2025 11:58  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jul 19 00:36:16 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V071125W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 14 09:44:44 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 4.596  | 168  | 642623   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.529  | 114  | 1059725  | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 8.773  | 117  | 984180   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.172 | 152  | 532516   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 4.940  | 65    | 398320   | 50.730   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 81 - 118 | Recovery | = 101.460% |      |
| 35) Dibromofluoromethane    | 4.497  | 113   | 383722   | 53.109   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 80 - 119 | Recovery | = 106.220% |      |
| 50) Toluene-d8              | 7.233  | 98    | 1082119  | 49.548   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 89 - 112 | Recovery | = 99.100%  |      |
| 62) 4-Bromofluorobenzene    | 9.998  | 95    | 498074   | 56.613   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 85 - 114 | Recovery | = 113.220% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.121 | 85  | 297904  | 52.759  | ug/l   | 98  |
| 3) Chloromethane             | 1.230 | 50  | 293135  | 48.075  | ug/l   | 99  |
| 4) Vinyl Chloride            | 1.297 | 62  | 347941  | 49.857  | ug/l   | 99  |
| 5) Bromomethane              | 1.487 | 94  | 220698  | 55.659  | ug/l   | 95  |
| 6) Chloroethane              | 1.555 | 64  | 231366  | 49.601  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 1.722 | 101 | 585745  | 47.437  | ug/l   | 99  |
| 8) Diethyl Ether             | 1.918 | 74  | 221753  | 49.940  | ug/l   | 100 |
| 9) 1,1,2-Trichlorotrifluo... | 2.079 | 101 | 358063  | 48.497  | ug/l   | 97  |
| 10) Methyl Iodide            | 2.194 | 142 | 454104  | 53.572  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 2.571 | 59  | 417895  | 231.178 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 2.082 | 96  | 318102  | 47.284  | ug/l   | 97  |
| 13) Acrolein                 | 2.008 | 56  | 62619   | 239.540 | ug/l   | 99  |
| 14) Allyl chloride           | 2.355 | 41  | 543340  | 50.695  | ug/l   | 99  |
| 15) Acrylonitrile            | 2.670 | 53  | 1072238 | 231.792 | ug/l   | 99  |
| 16) Acetone                  | 2.117 | 43  | 827035  | 243.416 | ug/l   | 99  |
| 17) Carbon Disulfide         | 2.249 | 76  | 685899  | 64.489  | ug/l   | 100 |
| 18) Methyl Acetate           | 2.378 | 43  | 619203  | 53.865  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether  | 2.709 | 73  | 1203557 | 47.715  | ug/l   | 99  |
| 20) Methylene Chloride       | 2.455 | 84  | 378888  | 43.957  | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene | 2.699 | 96  | 334259  | 46.697  | ug/l   | 95  |
| 22) Diisopropyl ether        | 3.214 | 45  | 1148554 | 53.632  | ug/l   | 97  |
| 23) Vinyl Acetate            | 3.185 | 43  | 4513048 | 268.763 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 3.117 | 63  | 661194  | 47.144  | ug/l   | 98  |
| 25) 2-Butanone               | 3.863 | 43  | 1266905 | 260.152 | ug/l   | 97  |
| 26) 2,2-Dichloropropane      | 3.809 | 77  | 599181  | 48.796  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 3.815 | 96  | 422100  | 51.354  | ug/l   | 99  |
| 28) Bromochloromethane       | 4.143 | 49  | 266139  | 49.025  | ug/l   | 96  |
| 29) Tetrahydrofuran          | 4.233 | 42  | 847239  | 263.969 | ug/l   | 96  |
| 30) Chloroform               | 4.275 | 83  | 696504  | 45.045  | ug/l   | 99  |
| 31) Cyclohexane              | 4.580 | 56  | 499663  | 54.278  | ug/l   | 95  |
| 32) 1,1,1-Trichloroethane    | 4.510 | 97  | 616849  | 45.722  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 4.741 | 75  | 436778  | 52.601  | ug/l   | 99  |
| 37) Ethyl Acetate            | 3.973 | 43  | 490910  | 50.213  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 4.731 | 117 | 515397  | 46.727  | ug/l   | 97  |
| 39) Methylcyclohexane        | 6.043 | 83  | 558918  | 57.046  | ug/l   | 99  |
| 40) Benzene                  | 5.005 | 78  | 1406210 | 49.956  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VW071825\  
 Data File : VW038915.D  
 Acq On : 18 Jul 2025 11:58  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jul 19 00:36:16 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V071125W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 14 09:44:44 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.156  | 41   | 240213   | 53.537  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 5.037  | 62   | 487975   | 45.480  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 5.191  | 43   | 791284   | 51.177  | ug/l   | 99       |
| 44) Trichloroethene           | 5.828  | 130  | 360228   | 48.973  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 6.088  | 63   | 346502   | 46.599  | ug/l   | 100      |
| 46) Dibromomethane            | 6.223  | 93   | 268711   | 46.706  | ug/l   | 99       |
| 47) Bromodichloromethane      | 6.423  | 83   | 559325   | 45.809  | ug/l   | 98       |
| 48) Methyl methacrylate       | 6.294  | 41   | 373467   | 55.656  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 6.284  | 88   | 143553   | 992.910 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone      | 7.146  | 43   | 2650386  | 251.740 | ug/l   | 99       |
| 52) Toluene                   | 7.307  | 92   | 911816   | 51.420  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 7.570  | 75   | 570813   | 51.666  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 6.947  | 75   | 600591   | 50.288  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 7.760  | 97   | 385069   | 45.431  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 7.712  | 69   | 588367   | 58.415  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 7.934  | 76   | 617674   | 48.601  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether | 6.808  | 63   | 1564374  | 213.661 | ug/l   | 98       |
| 59) 2-Hexanone                | 8.062  | 43   | 1981500  | 252.829 | ug/l   | 99       |
| 60) Dibromochloromethane      | 8.165  | 129  | 441367   | 44.218  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 8.271  | 107  | 400002   | 46.844  | ug/l   | 98       |
| 64) Tetrachloroethene         | 7.895  | 164  | 305793   | 47.376  | ug/l   | 97       |
| 65) Chlorobenzene             | 8.802  | 112  | 1040342  | 48.378  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 8.898  | 131  | 373842   | 43.592  | ug/l   | 98       |
| 67) Ethyl Benzene             | 8.934  | 91   | 1780062  | 55.746  | ug/l   | 100      |
| 68) m/p-Xylenes               | 9.062  | 106  | 1397979  | 112.450 | ug/l   | 99       |
| 69) o-Xylene                  | 9.467  | 106  | 665352   | 56.703  | ug/l   | 98       |
| 70) Styrene                   | 9.484  | 104  | 1174696  | 56.643  | ug/l   | 99       |
| 71) Bromoform                 | 9.654  | 173  | 318218   | 45.650  | ug/l # | 98       |
| 73) Isopropylbenzene          | 9.857  | 105  | 1821707  | 57.253  | ug/l   | 99       |
| 74) N-amyl acetate            | 9.725  | 43   | 706040   | 60.575  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 10.165 | 83   | 609798   | 45.755  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 10.197 | 75   | 473227   | 47.797  | ug/l   | 80       |
| 77) Bromobenzene              | 10.140 | 156  | 432404   | 51.806  | ug/l   | 98       |
| 78) n-propylbenzene           | 10.278 | 91   | 2178716  | 58.587  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 10.345 | 91   | 1276176  | 53.961  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 10.464 | 105  | 1558042  | 58.065  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 9.927  | 75   | 223327   | 55.045  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 10.461 | 91   | 1508137  | 57.047  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 10.789 | 119  | 1566460  | 55.682  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 10.837 | 105  | 1551326  | 58.757  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.011 | 105  | 2046359  | 56.993  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 11.165 | 119  | 1723002  | 56.521  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 11.104 | 146  | 856812   | 50.292  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 11.194 | 146  | 887583   | 47.893  | ug/l   | 99       |
| 89) n-Butylbenzene            | 11.580 | 91   | 1658054  | 59.580  | ug/l   | 99       |
| 90) Hexachloroethane          | 11.821 | 117  | 333637   | 46.015  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 11.567 | 146  | 817878   | 49.453  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 12.348 | 75   | 140887   | 46.757  | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 13.184 | 180  | 554662   | 56.816  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 13.368 | 225  | 245506   | 48.833  | ug/l   | 98       |
| 95) Naphthalene               | 13.422 | 128  | 1937306  | 60.399  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.663 | 180  | 556168   | 54.963  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV071825\  
Data File : VV038915.D  
Acq On : 18 Jul 2025 11:58  
Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 2 Sample Multiplier: 1

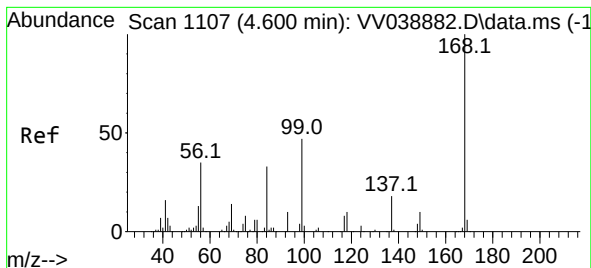
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

Quant Time: Jul 19 00:36:16 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V071125W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jul 14 09:44:44 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: 4.596 min Scan# 11

Delta R.T. -0.004 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Instrument :

MSVOA\_V

ClientSampleId :

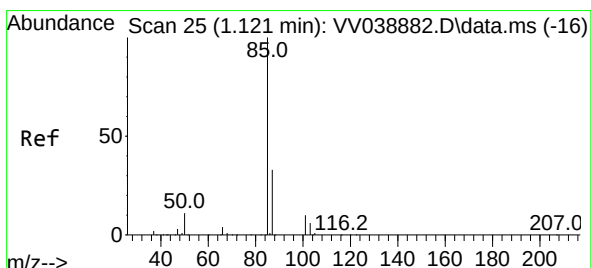
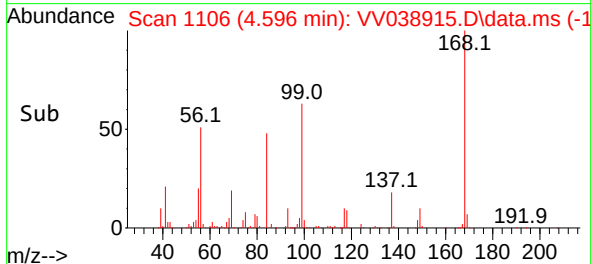
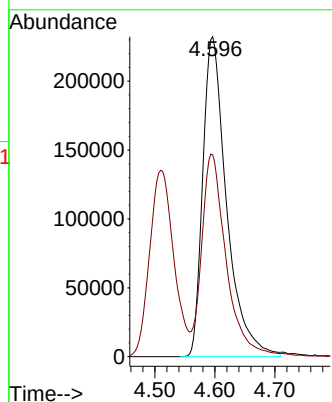
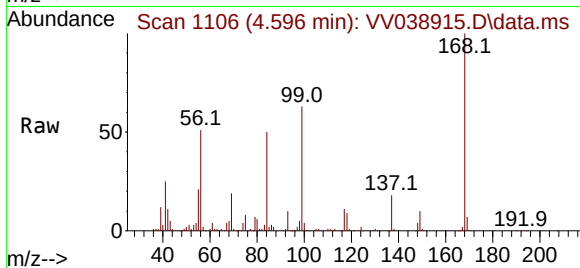
VSTDCCC050

Tgt Ion:168 Resp: 642623

Ion Ratio Lower Upper

168 100

99 62.1 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 52.759 ug/l

RT: 1.121 min Scan# 25

Delta R.T. -0.000 min

Lab File: VV038915.D

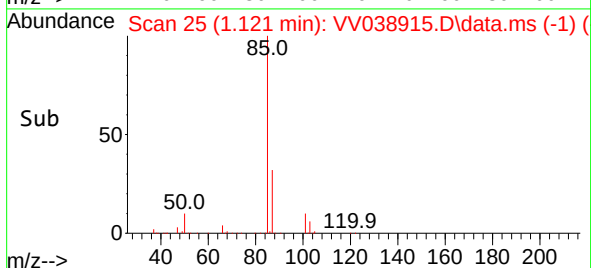
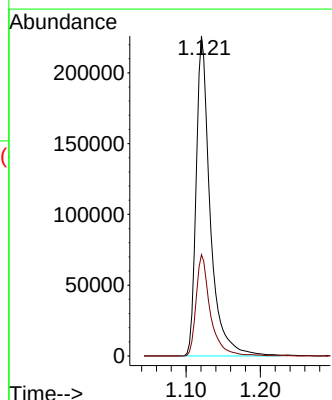
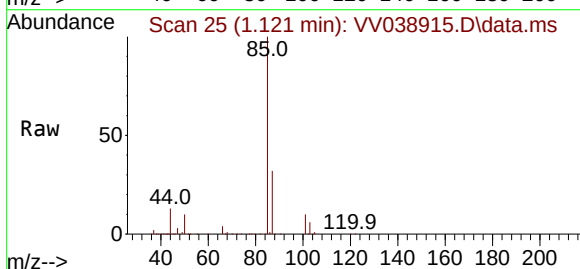
Acq: 18 Jul 2025 11:58

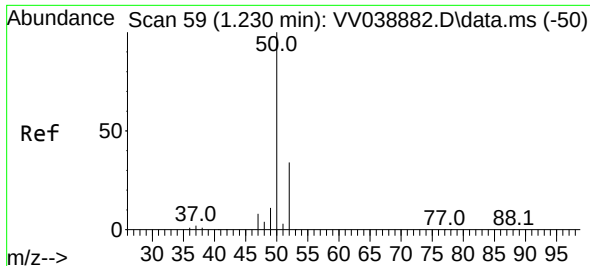
Tgt Ion: 85 Resp: 297904

Ion Ratio Lower Upper

85 100

87 31.6 16.3 48.8

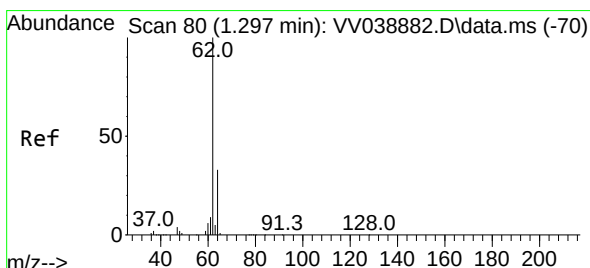
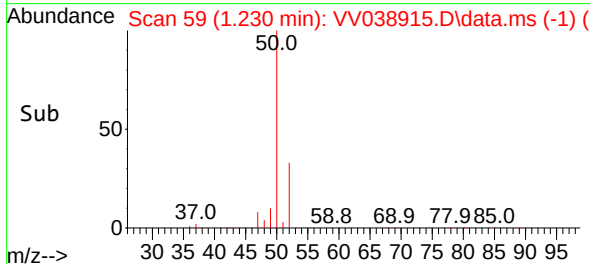
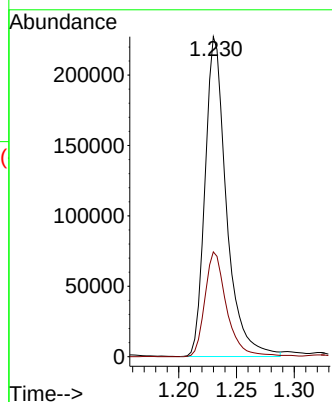
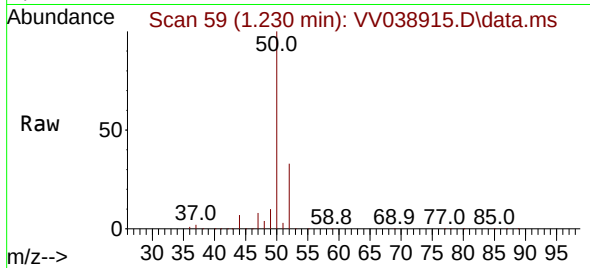




#3  
Chloromethane  
Concen: 48.075 ug/l  
RT: 1.230 min Scan# 59  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

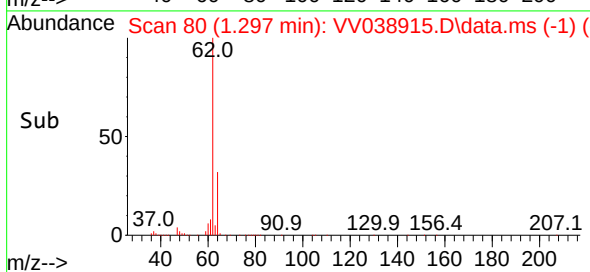
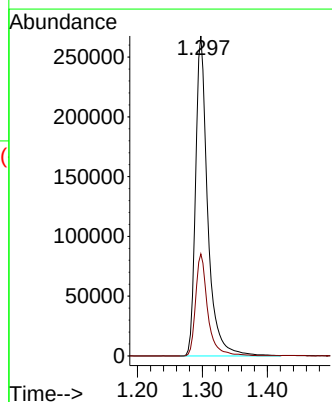
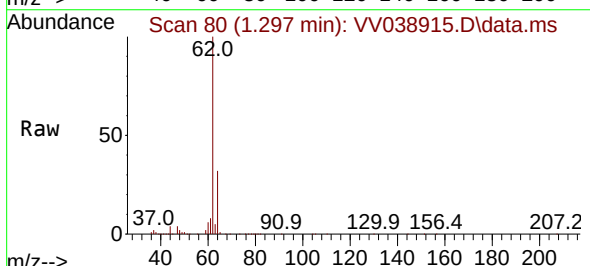
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

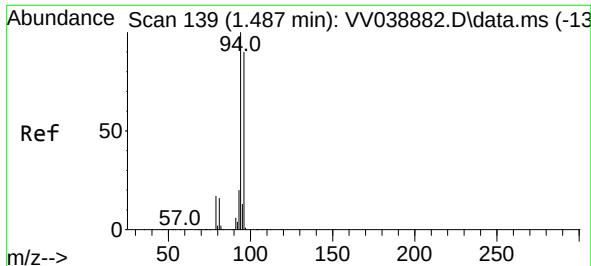
Tgt Ion: 50 Resp: 293135  
Ion Ratio Lower Upper  
50 100  
52 32.8 26.9 40.3



#4  
Vinyl Chloride  
Concen: 49.857 ug/l  
RT: 1.297 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

Tgt Ion: 62 Resp: 347941  
Ion Ratio Lower Upper  
62 100  
64 31.9 26.2 39.2

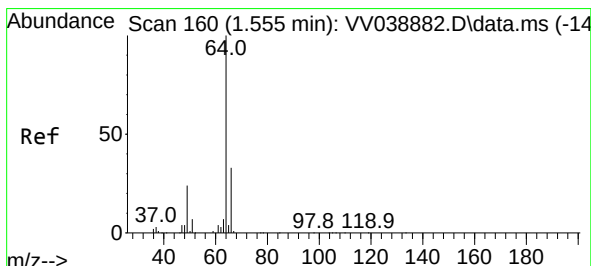
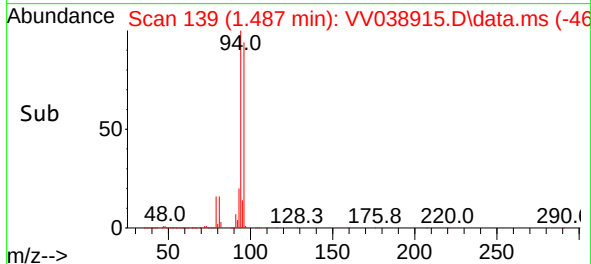
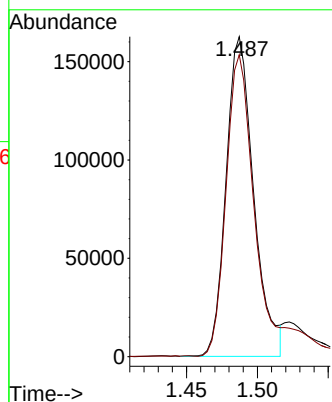
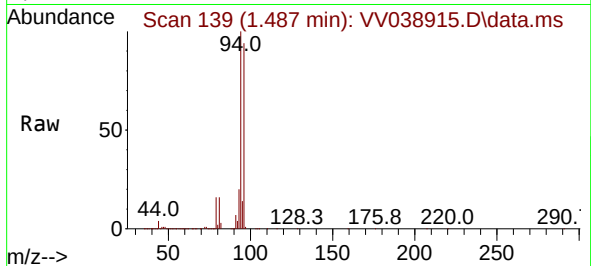




#5  
Bromomethane  
Concen: 55.659 ug/l  
RT: 1.487 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

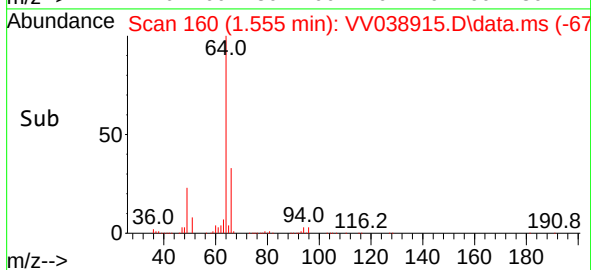
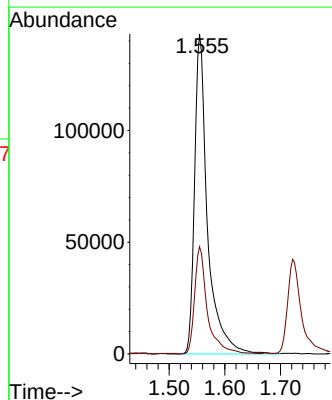
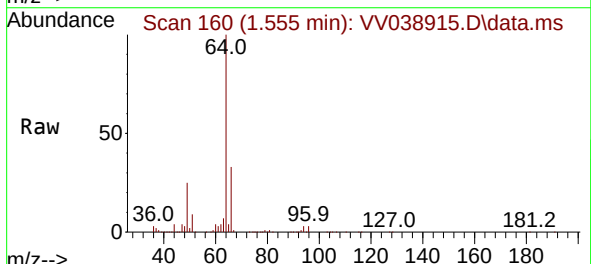
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

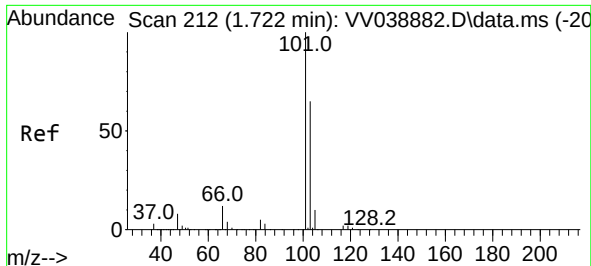
Tgt Ion: 94 Resp: 220698  
Ion Ratio Lower Upper  
94 100  
96 94.3 71.9 107.9



#6  
Chloroethane  
Concen: 49.601 ug/l  
RT: 1.555 min Scan# 160  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

Tgt Ion: 64 Resp: 231366  
Ion Ratio Lower Upper  
64 100  
66 33.5 26.2 39.2

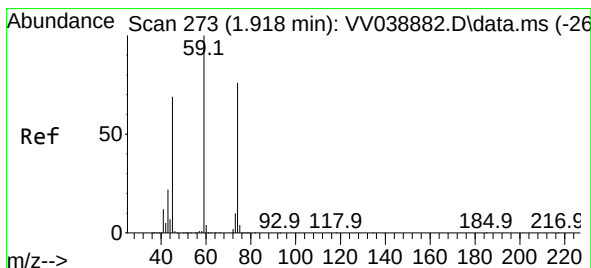
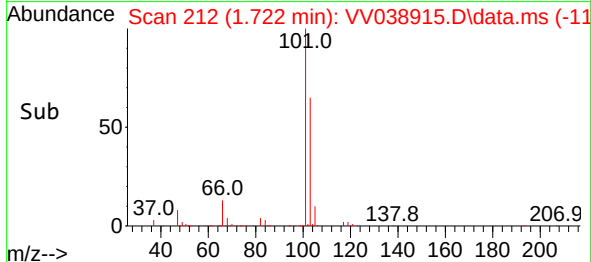
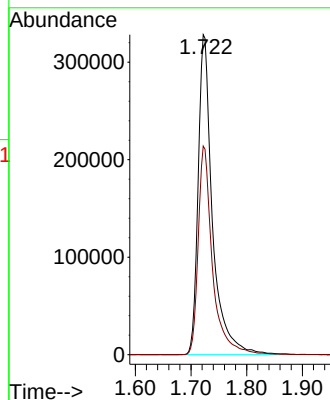
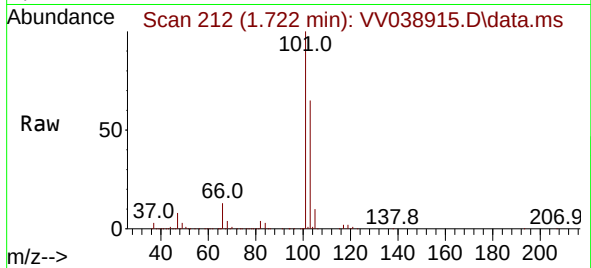




#7  
 Trichlorofluoromethane  
 Concen: 47.437 ug/l  
 RT: 1.722 min Scan# 212  
 Delta R.T. -0.000 min  
 Lab File: VV038915.D  
 Acq: 18 Jul 2025 11:58

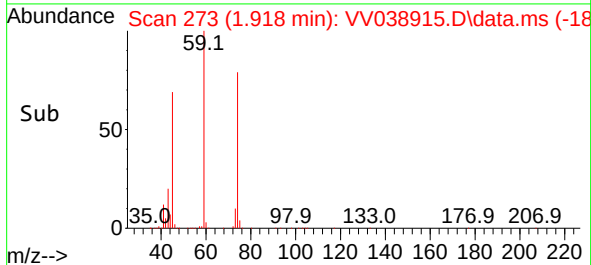
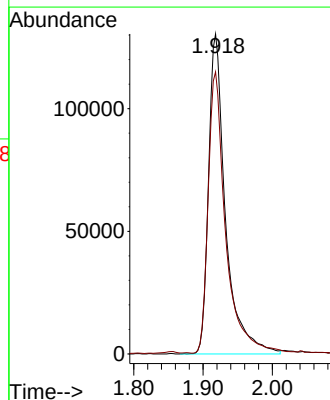
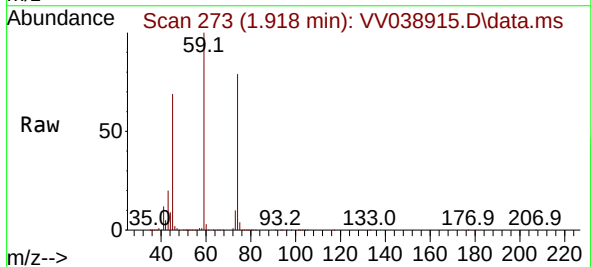
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion:101 Resp: 585745  
 Ion Ratio Lower Upper  
 101 100  
 103 65.1 51.8 77.6

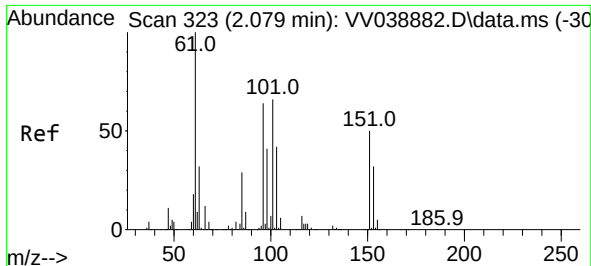


#8  
 Diethyl Ether  
 Concen: 49.940 ug/l  
 RT: 1.918 min Scan# 273  
 Delta R.T. -0.000 min  
 Lab File: VV038915.D  
 Acq: 18 Jul 2025 11:58

Tgt Ion: 74 Resp: 221753  
 Ion Ratio Lower Upper  
 74 100  
 45 90.7 45.5 136.5



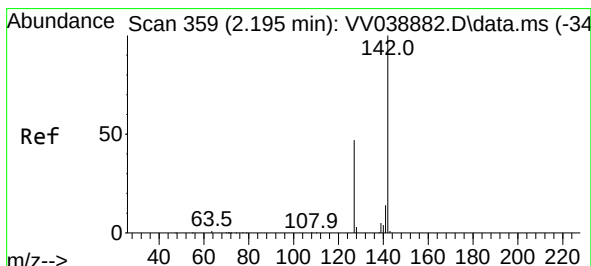
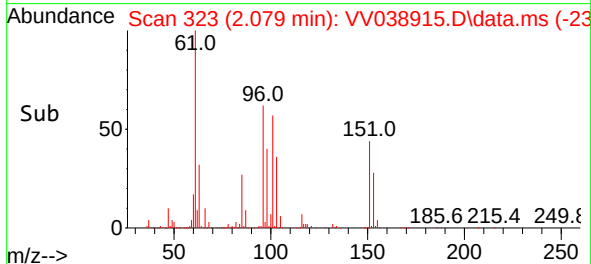
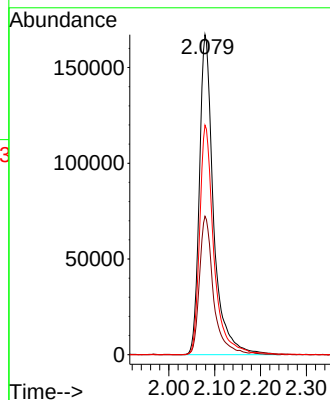
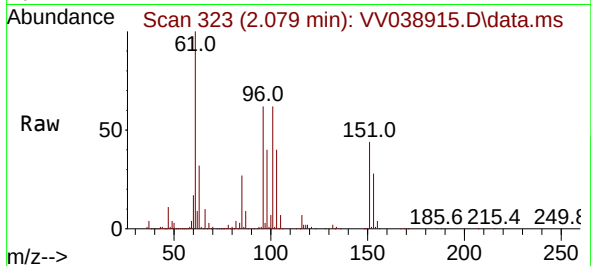




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.497 ug/l  
RT: 2.079 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

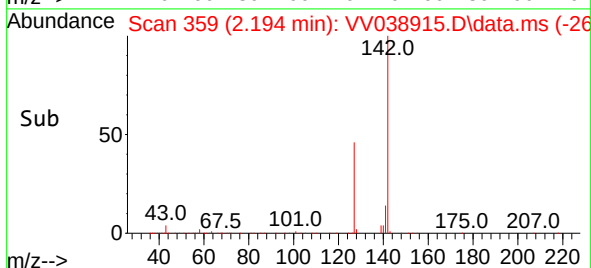
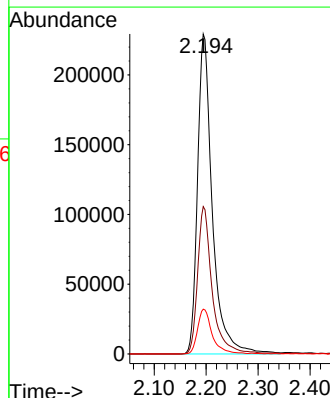
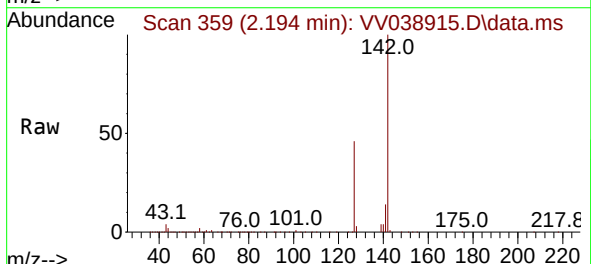
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

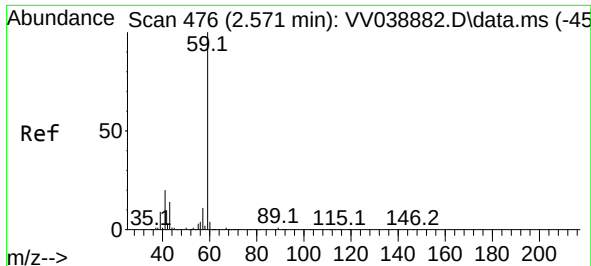
Tgt Ion:101 Resp: 358063  
Ion Ratio Lower Upper  
101 100  
85 42.7 35.0 52.6  
151 72.4 60.1 90.1



#10  
Methyl Iodide  
Concen: 53.572 ug/l  
RT: 2.194 min Scan# 359  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

Tgt Ion:142 Resp: 454104  
Ion Ratio Lower Upper  
142 100  
127 45.3 37.3 55.9  
141 13.8 11.2 16.8

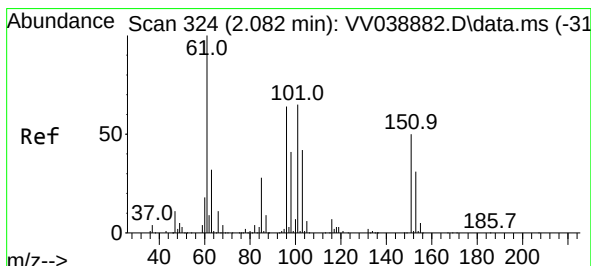
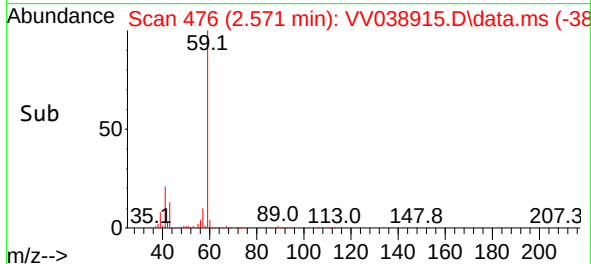
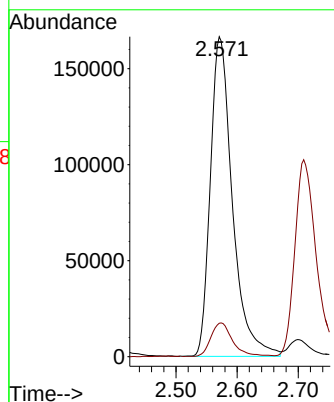
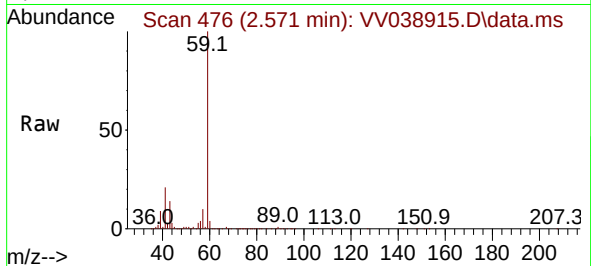




#11  
Tert butyl alcohol  
Concen: 231.178 ug/l  
RT: 2.571 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

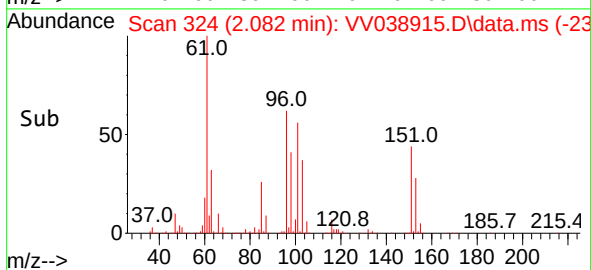
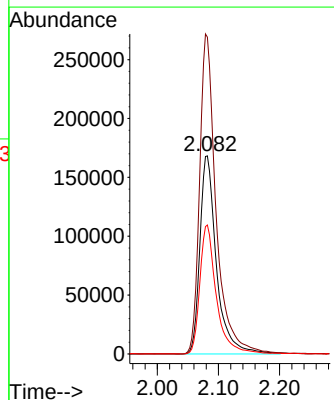
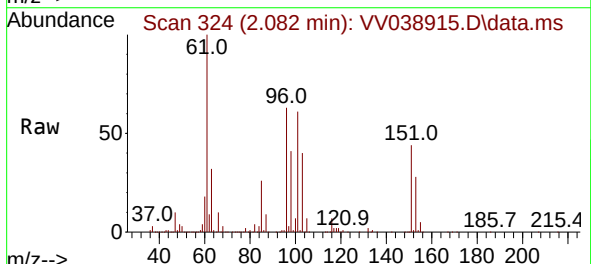
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

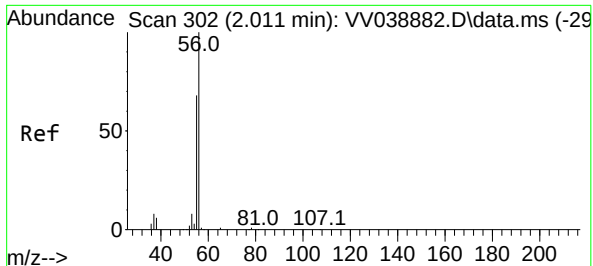
Tgt Ion: 59 Resp: 417895  
Ion Ratio Lower Upper  
59 100  
57 10.4 8.6 12.8



#12  
1,1-Dichloroethene  
Concen: 47.284 ug/l  
RT: 2.082 min Scan# 324  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

Tgt Ion: 96 Resp: 318102  
Ion Ratio Lower Upper  
96 100  
61 159.9 124.1 186.1  
98 65.0 50.6 75.8

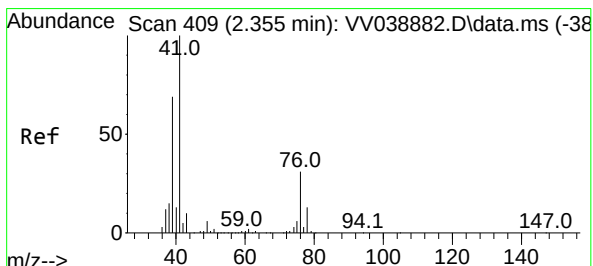
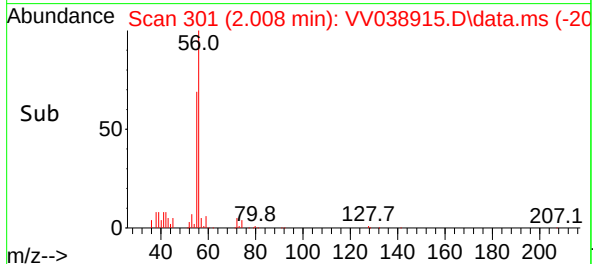
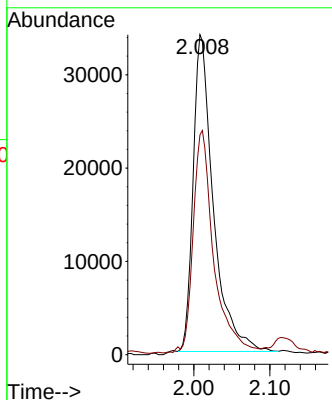
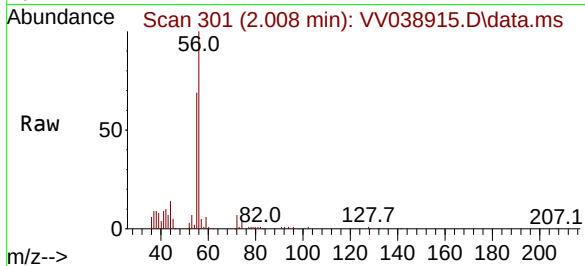




#13  
Acrolein  
Concen: 239.540 ug/l  
RT: 2.008 min Scan# 301  
Delta R.T. -0.003 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

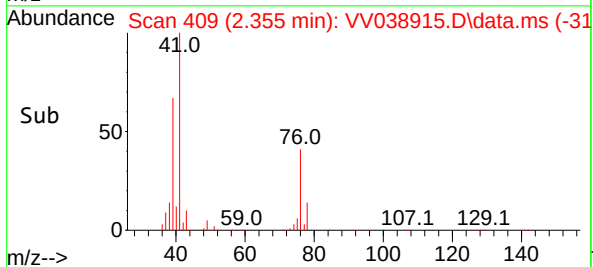
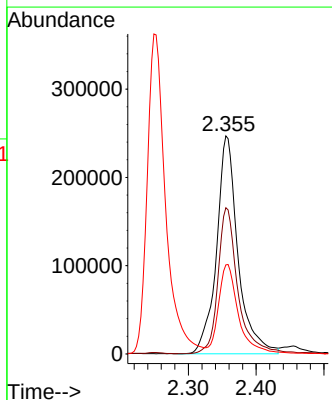
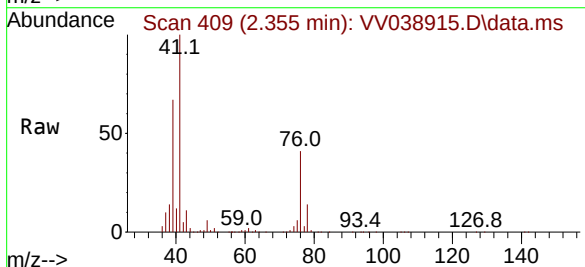
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

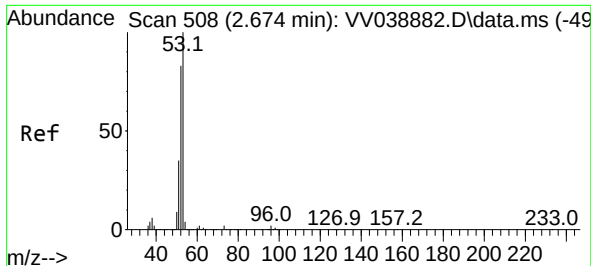
Tgt Ion: 56 Resp: 62619  
Ion Ratio Lower Upper  
56 100  
55 71.4 56.7 85.1



#14  
Allyl chloride  
Concen: 50.695 ug/l  
RT: 2.355 min Scan# 409  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

Tgt Ion: 41 Resp: 543340  
Ion Ratio Lower Upper  
41 100  
39 62.2 50.6 76.0  
76 37.9 30.4 45.6



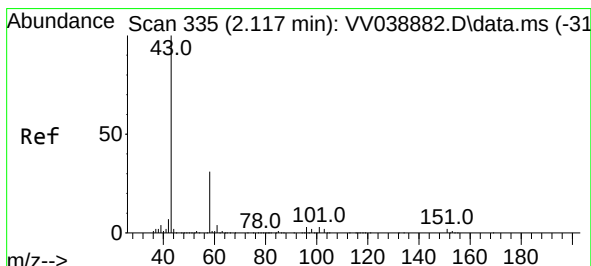
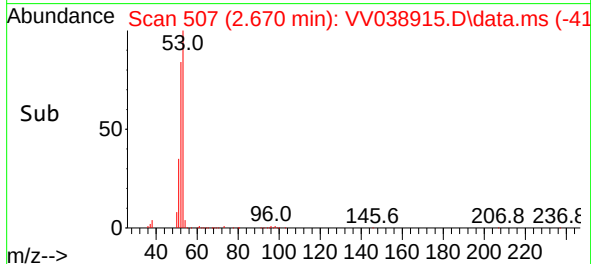
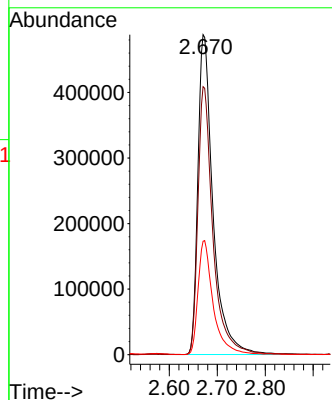
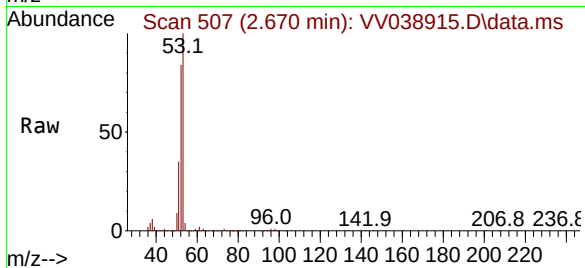


#15  
Acrylonitrile  
Concen: 231.792 ug/l  
RT: 2.670 min Scan# 508  
Delta R.T. -0.003 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 53 Resp: 1072238

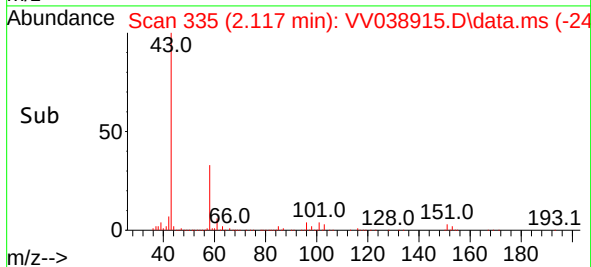
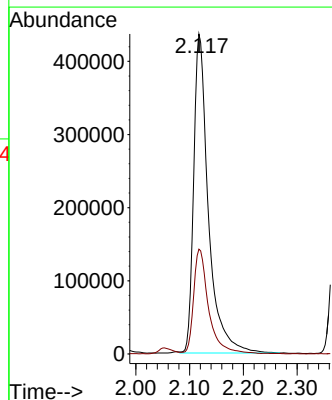
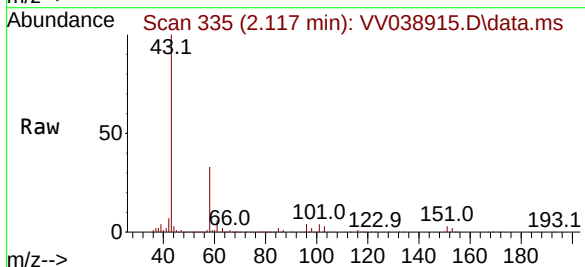
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 82.8  | 66.6  | 99.8  |
| 51  | 35.5  | 28.7  | 43.1  |

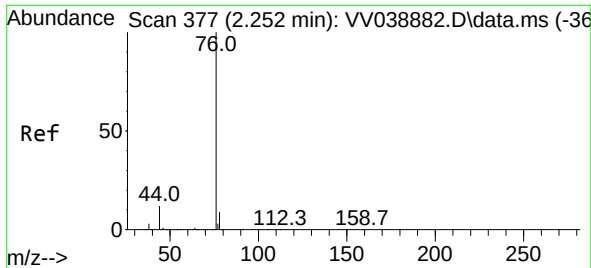


#16  
Acetone  
Concen: 243.416 ug/l  
RT: 2.117 min Scan# 335  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

Tgt Ion: 43 Resp: 827035

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 32.7  | 25.8  | 38.6  |

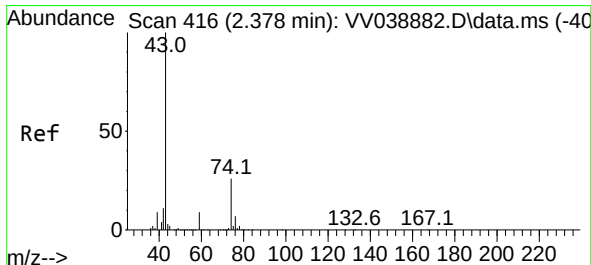
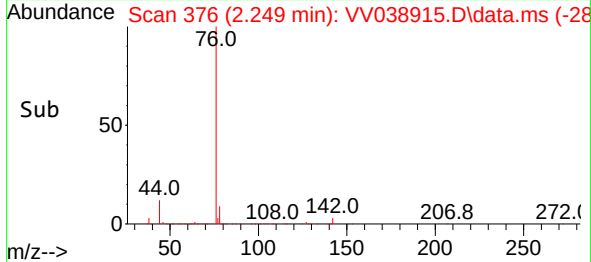
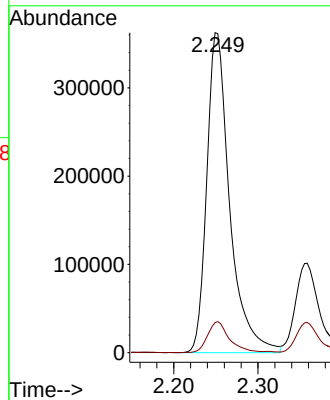
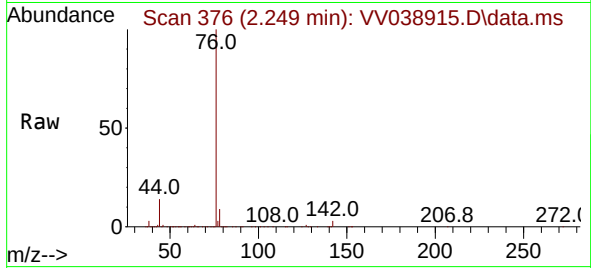




#17  
Carbon Disulfide  
Concen: 64.489 ug/l  
RT: 2.249 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

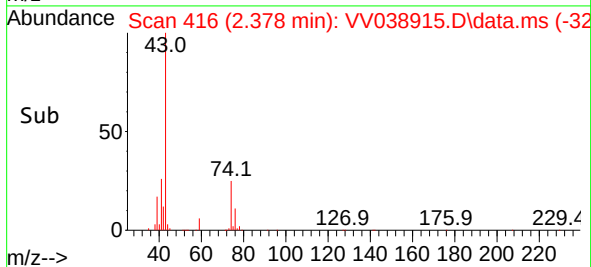
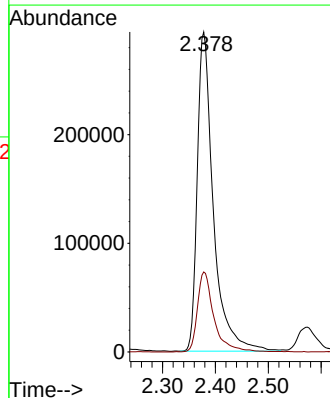
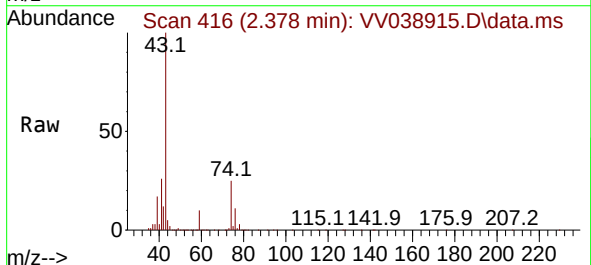
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

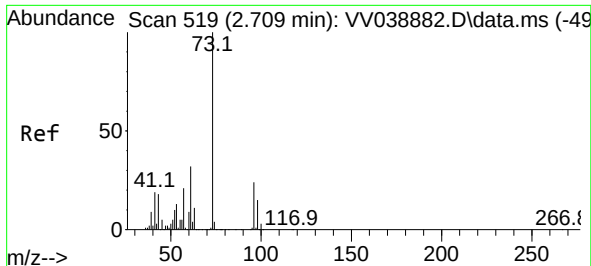
Tgt Ion: 76 Resp: 685899  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.4 11.2



#18  
Methyl Acetate  
Concen: 53.865 ug/l  
RT: 2.378 min Scan# 416  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

Tgt Ion: 43 Resp: 619203  
Ion Ratio Lower Upper  
43 100  
74 25.6 21.1 31.7

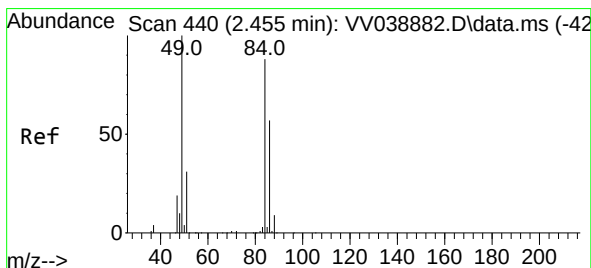
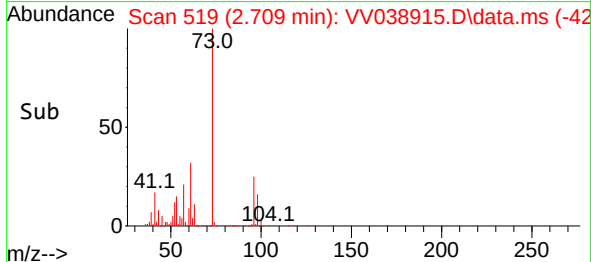
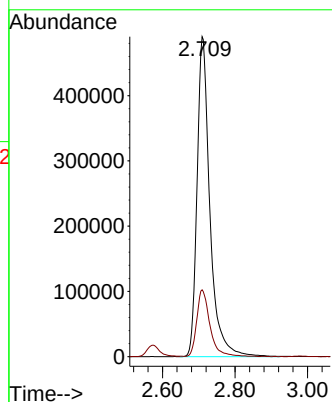
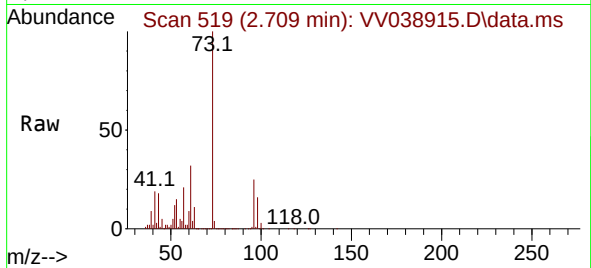




#19  
Methyl tert-butyl Ether  
Concen: 47.715 ug/l  
RT: 2.709 min Scan# 519  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

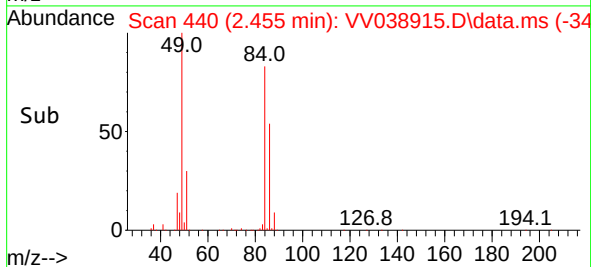
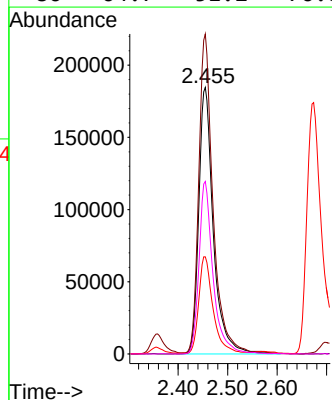
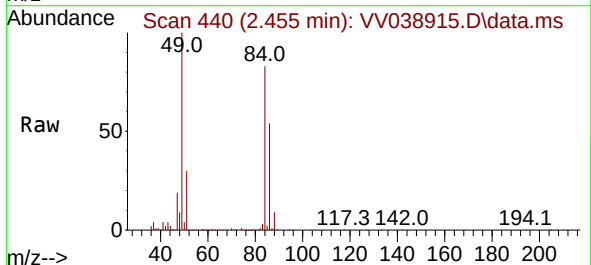
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

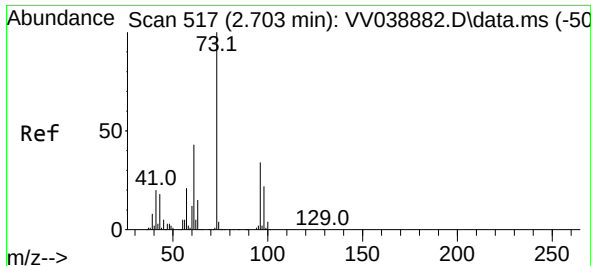
Tgt Ion: 73 Resp: 1203557  
Ion Ratio Lower Upper  
73 100  
57 20.9 16.5 24.7



#20  
Methylene Chloride  
Concen: 43.957 ug/l  
RT: 2.455 min Scan# 440  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

Tgt Ion: 84 Resp: 378888  
Ion Ratio Lower Upper  
84 100  
49 119.8 90.5 135.7  
51 36.2 27.8 41.6  
86 64.7 51.2 76.8

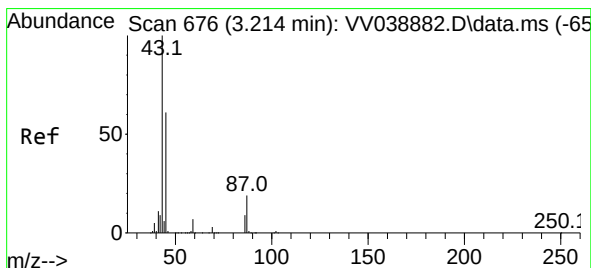
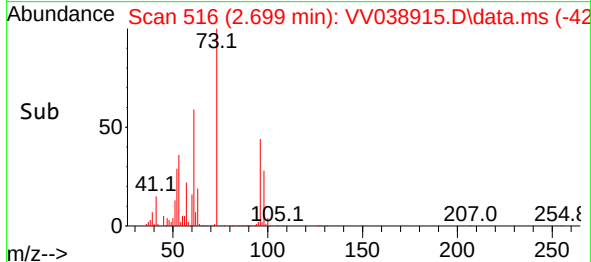
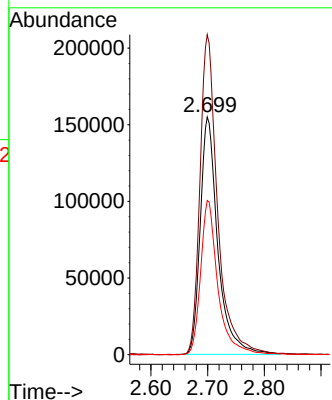
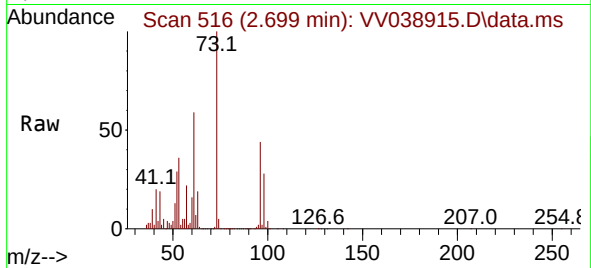




#21  
trans-1,2-Dichloroethene  
Concen: 46.697 ug/l  
RT: 2.699 min Scan# 517  
Delta R.T. -0.003 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

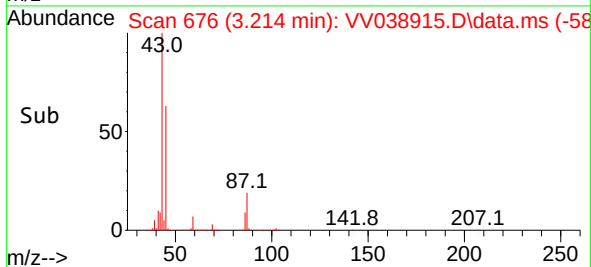
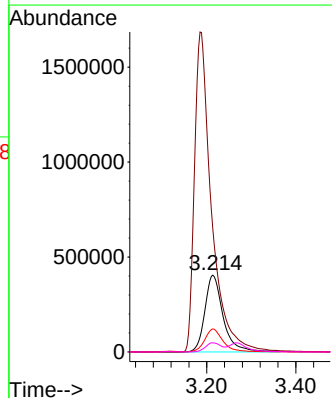
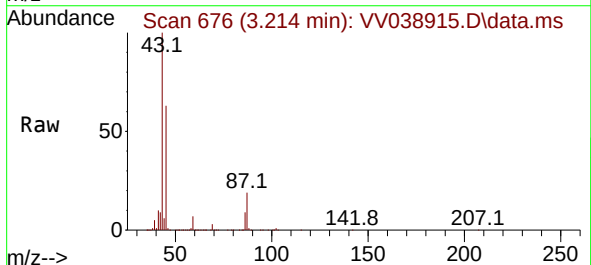
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

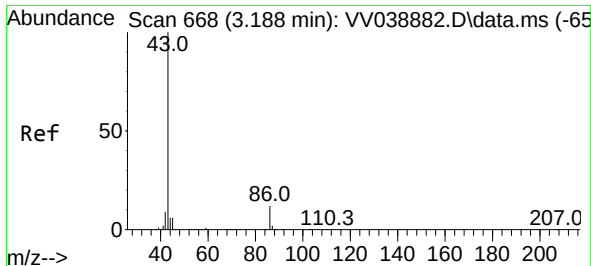
Tgt Ion: 96 Resp: 334259  
Ion Ratio Lower Upper  
96 100  
61 134.7 102.0 153.0  
98 64.9 51.0 76.6



#22  
Diisopropyl ether  
Concen: 53.632 ug/l  
RT: 3.214 min Scan# 676  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

Tgt Ion: 45 Resp: 1148554  
Ion Ratio Lower Upper  
45 100  
43 159.9 132.1 198.1  
87 29.9 25.0 37.4  
59 11.7 9.8 14.8

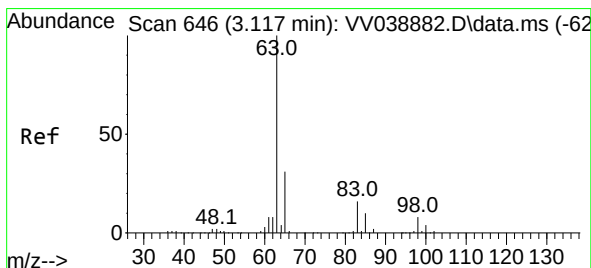
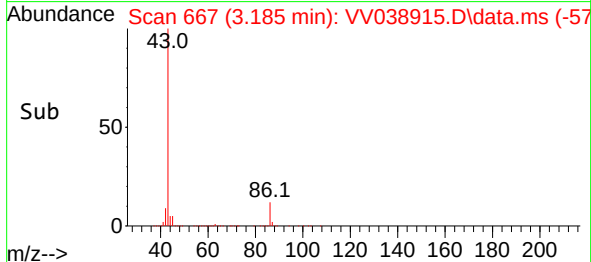
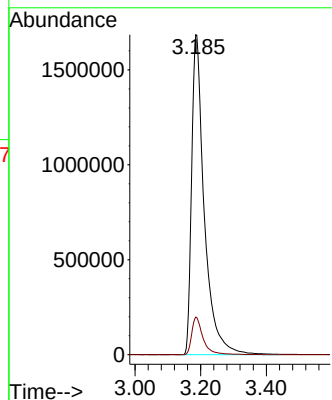
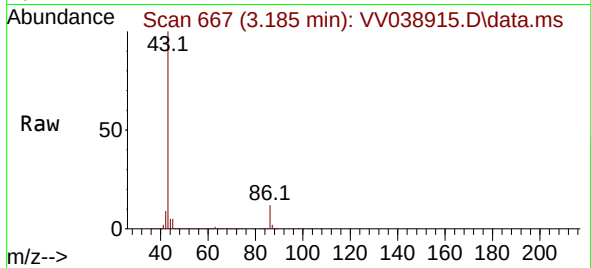




#23  
 Vinyl Acetate  
 Concen: 268.763 ug/l  
 RT: 3.185 min Scan# 667  
 Delta R.T. -0.003 min  
 Lab File: VV038915.D  
 Acq: 18 Jul 2025 11:58

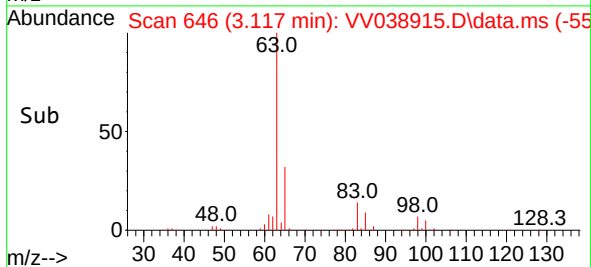
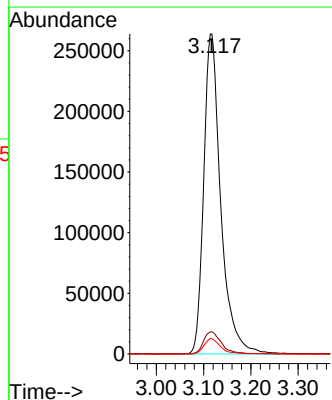
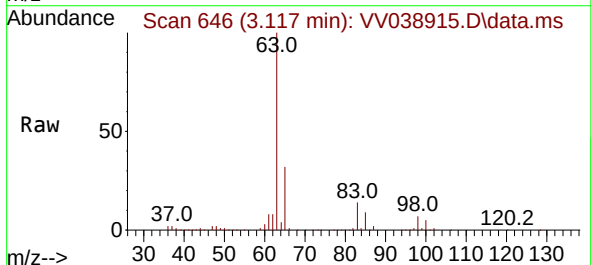
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 43 Resp: 4513048  
 Ion Ratio Lower Upper  
 43 100  
 86 11.7 9.8 14.6

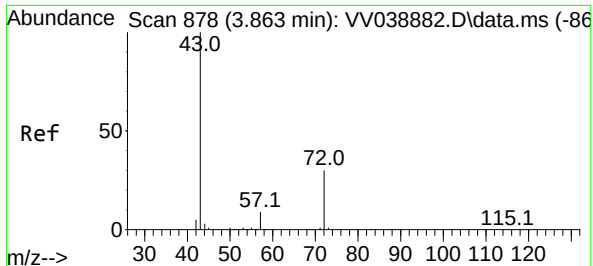


#24  
 1,1-Dichloroethane  
 Concen: 47.144 ug/l  
 RT: 3.117 min Scan# 646  
 Delta R.T. -0.000 min  
 Lab File: VV038915.D  
 Acq: 18 Jul 2025 11:58

Tgt Ion: 63 Resp: 661194  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 3.9 11.7  
 100 4.8 2.2 6.6



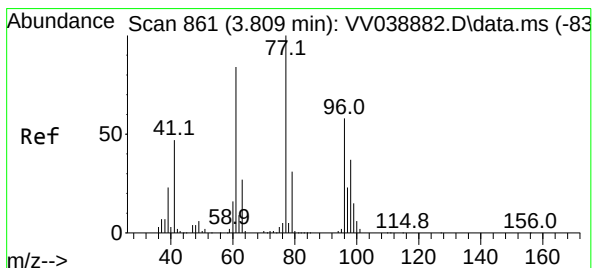
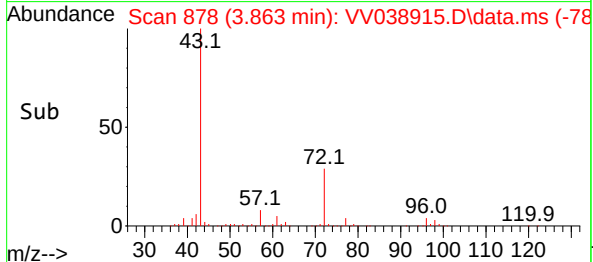
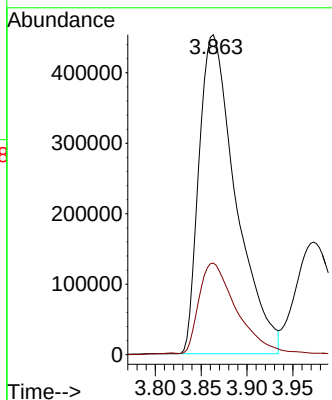
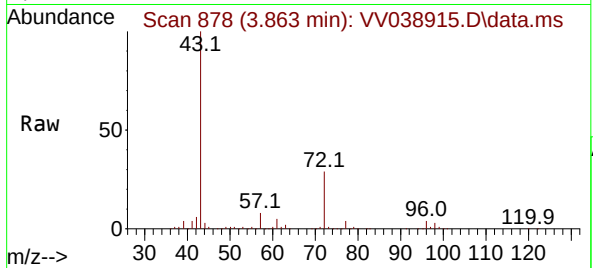




#25  
2-Butanone  
Concen: 260.152 ug/l  
RT: 3.863 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

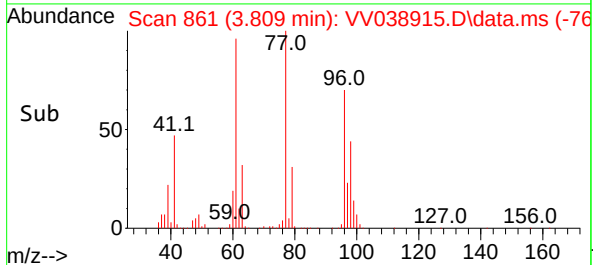
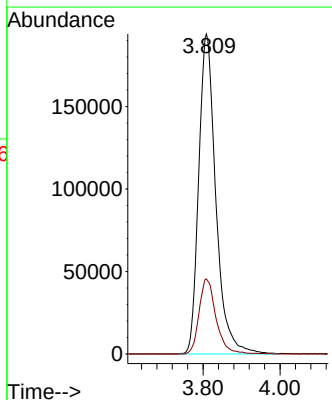
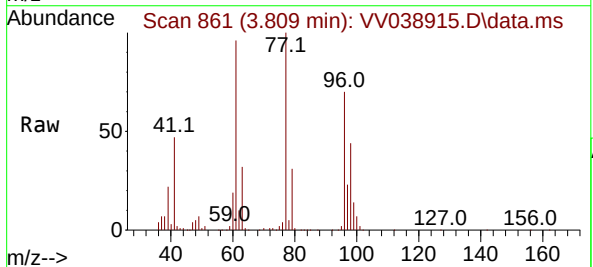
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

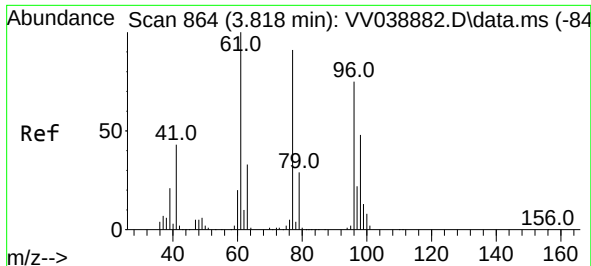
Tgt Ion: 43 Resp: 1266905  
Ion Ratio Lower Upper  
43 100  
72 28.4 23.9 35.9



#26  
2,2-Dichloropropane  
Concen: 48.796 ug/l  
RT: 3.809 min Scan# 861  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

Tgt Ion: 77 Resp: 599181  
Ion Ratio Lower Upper  
77 100  
97 23.1 11.4 34.2

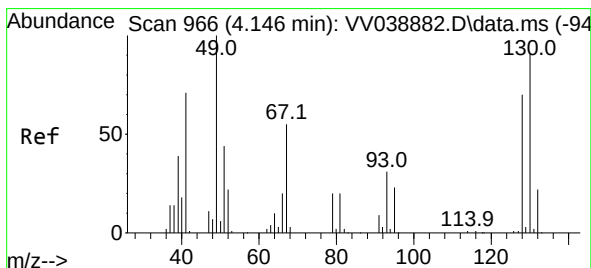
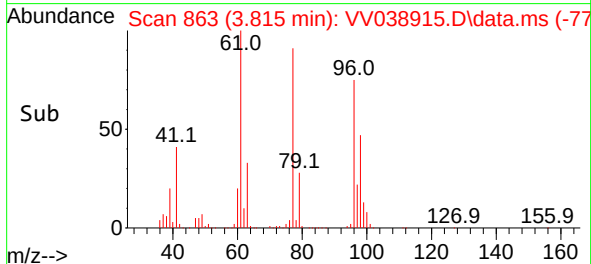
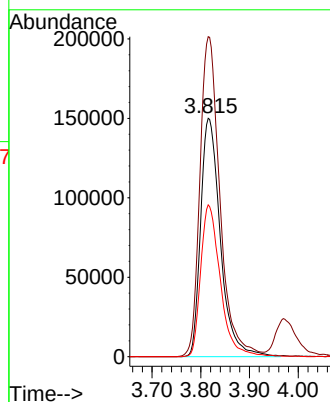
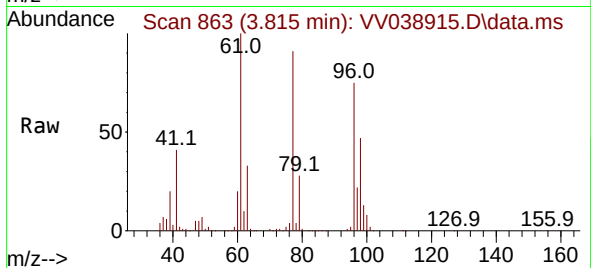




#27  
 cis-1,2-Dichloroethene  
 Concen: 51.354 ug/l  
 RT: 3.815 min Scan# 864  
 Delta R.T. -0.003 min  
 Lab File: VV038915.D  
 Acq: 18 Jul 2025 11:58

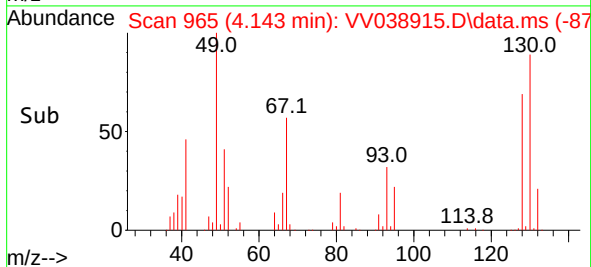
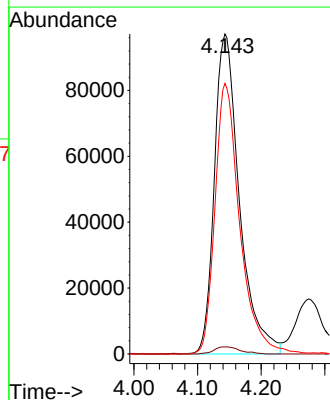
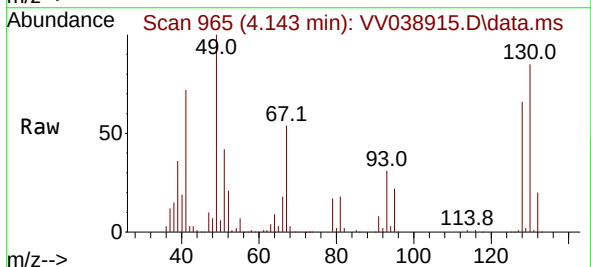
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDCCC050

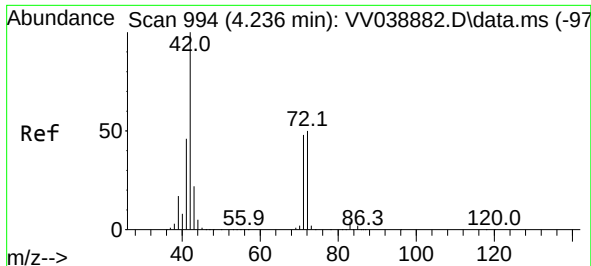
Tgt Ion: 96 Resp: 422100  
 Ion Ratio Lower Upper  
 96 100  
 61 136.4 0.0 275.0  
 98 63.2 0.0 130.0



#28  
 Bromochloromethane  
 Concen: 49.025 ug/l  
 RT: 4.143 min Scan# 965  
 Delta R.T. -0.003 min  
 Lab File: VV038915.D  
 Acq: 18 Jul 2025 11:58

Tgt Ion: 49 Resp: 266139  
 Ion Ratio Lower Upper  
 49 100  
 129 2.3 0.0 4.8  
 130 83.6 70.1 105.1





#29

Tetrahydrofuran

Concen: 263.969 ug/l

RT: 4.233 min Scan# 994

Delta R.T. -0.003 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Instrument :

MSVOA\_V

ClientSampleId :

VSTDCCC050

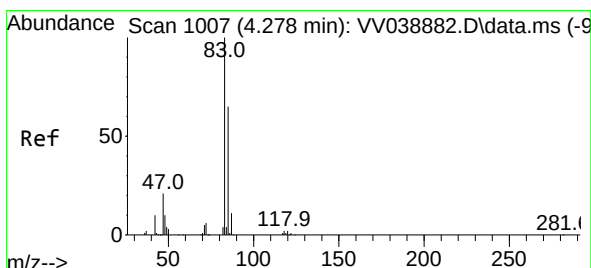
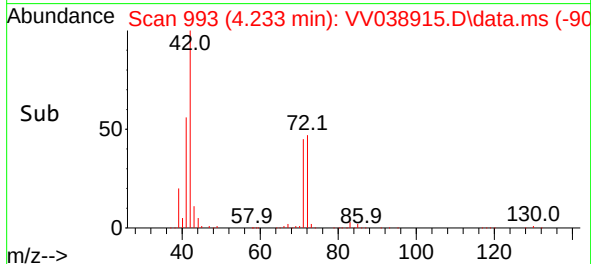
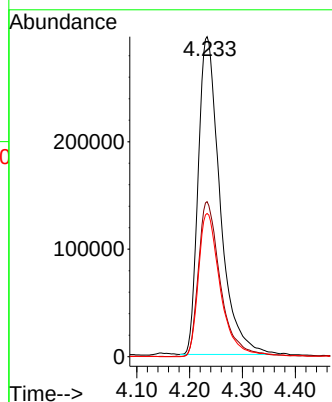
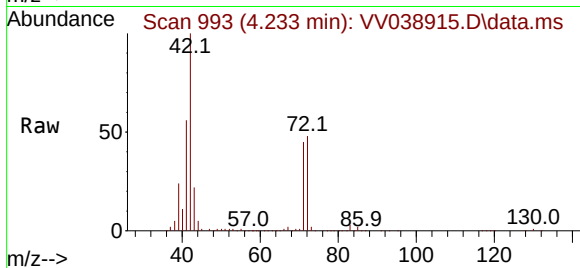
Tgt Ion: 42 Resp: 847239

Ion Ratio Lower Upper

42 100

72 49.3 41.6 62.4

71 45.8 38.4 57.6



#30

Chloroform

Concen: 45.045 ug/l

RT: 4.275 min Scan# 1006

Delta R.T. -0.003 min

Lab File: VV038915.D

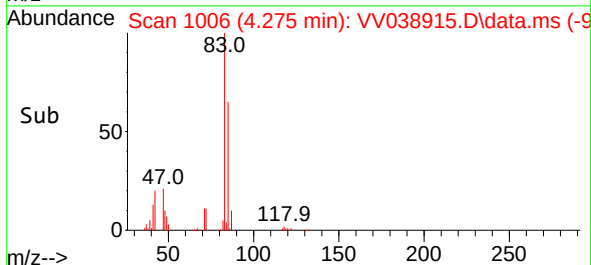
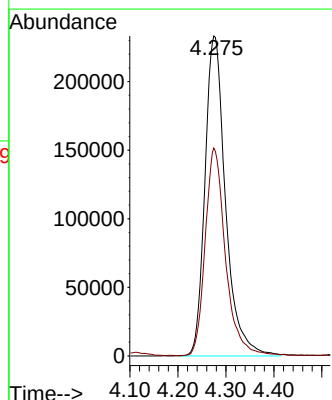
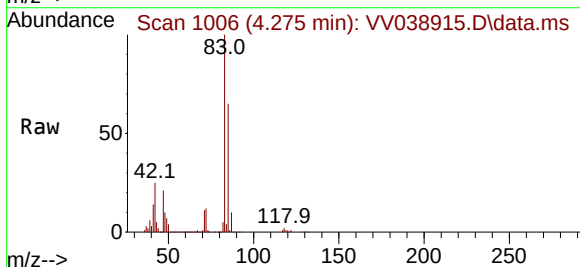
Acq: 18 Jul 2025 11:58

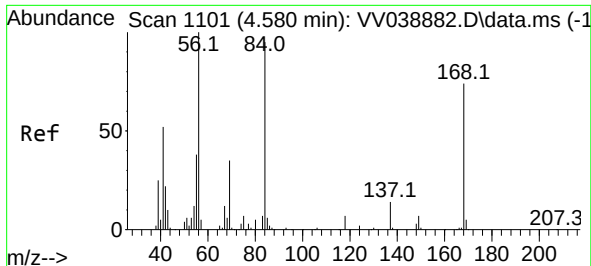
Tgt Ion: 83 Resp: 696504

Ion Ratio Lower Upper

83 100

85 64.9 52.2 78.4





#31

Cyclohexane

Concen: 54.278 ug/l

RT: 4.580 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Instrument :

MSVOA\_V

ClientSampleId :

VSTDCCC050

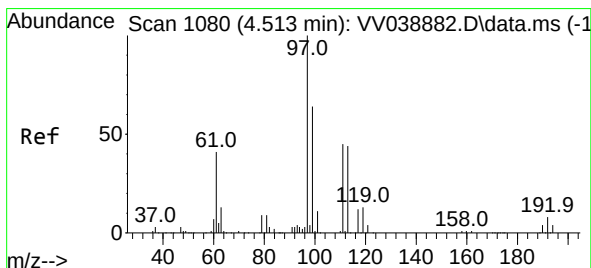
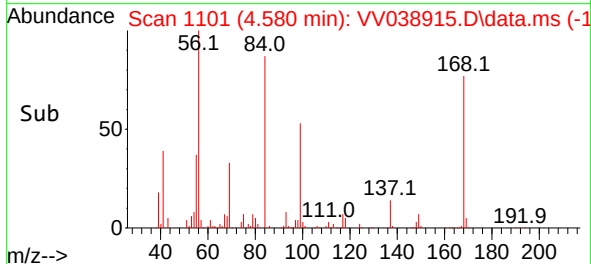
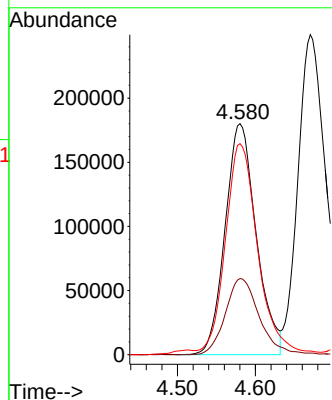
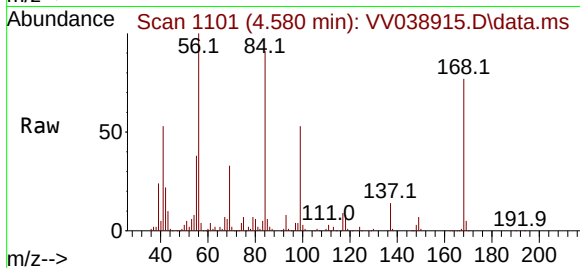
Tgt Ion: 56 Resp: 499663

Ion Ratio Lower Upper

56 100

69 32.9 28.2 42.2

84 89.7 76.0 114.0



#32

1,1,1-Trichloroethane

Concen: 45.722 ug/l

RT: 4.510 min Scan# 1079

Delta R.T. -0.003 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

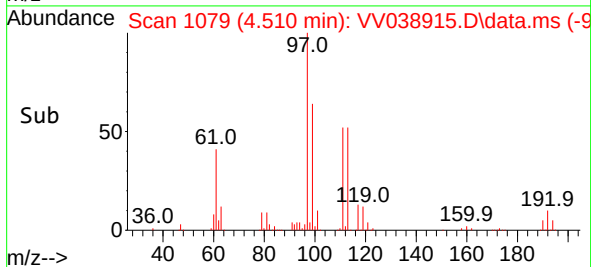
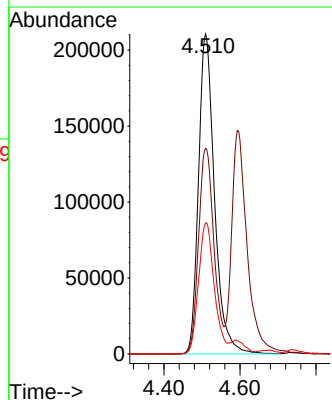
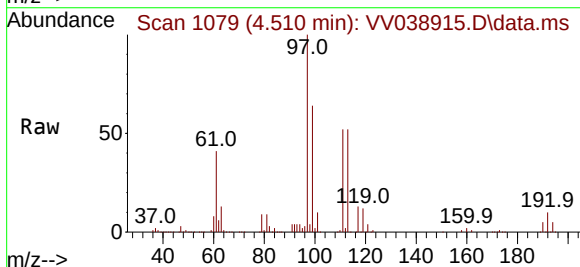
Tgt Ion: 97 Resp: 616849

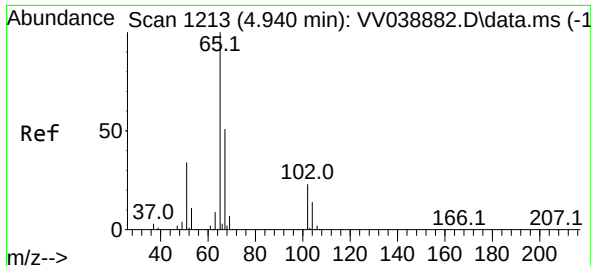
Ion Ratio Lower Upper

97 100

99 61.6 50.1 75.1

61 40.0 32.6 49.0





#33

1,2-Dichloroethane-d4

Concen: 50.730 ug/l

RT: 4.940 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Instrument :

MSVOA\_V

ClientSampleId :

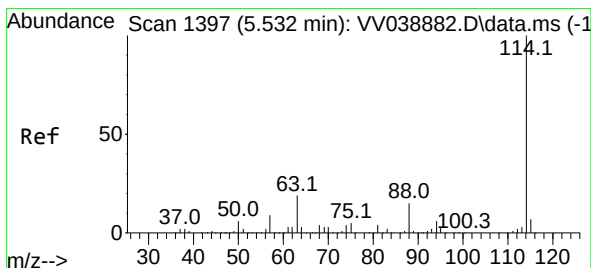
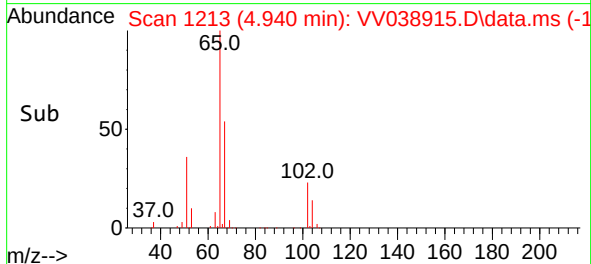
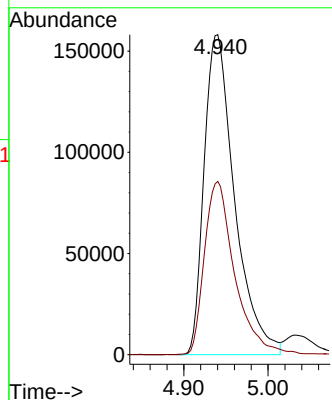
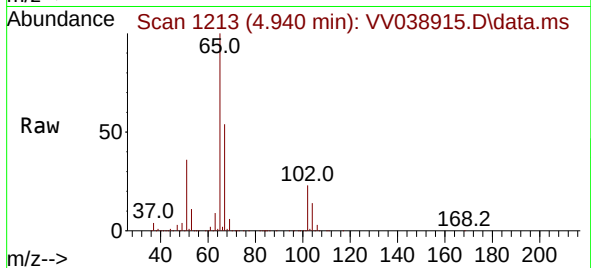
VSTDCCC050

Tgt Ion: 65 Resp: 398320

Ion Ratio Lower Upper

65 100

67 53.7 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

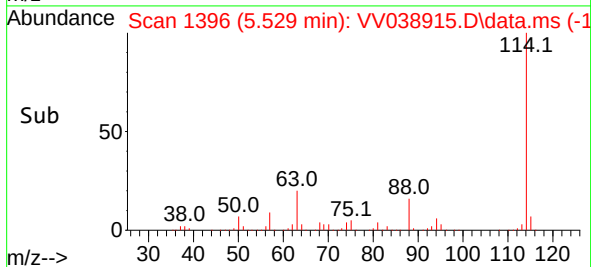
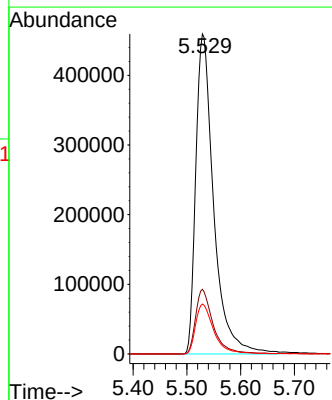
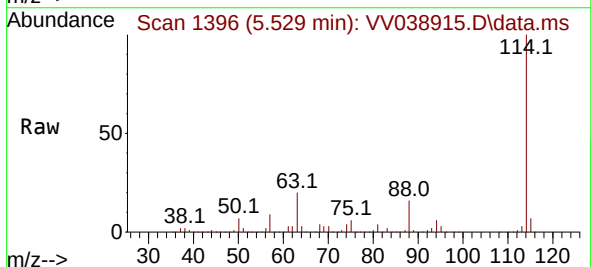
Tgt Ion: 114 Resp: 1059725

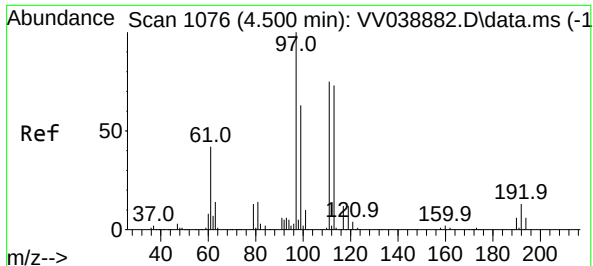
Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.2

88 15.6 0.0 30.8





#35

Dibromofluoromethane

Concen: 53.109 ug/l

RT: 4.497 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Instrument :

MSVOA\_V

ClientSampleId :

VSTDCCC050

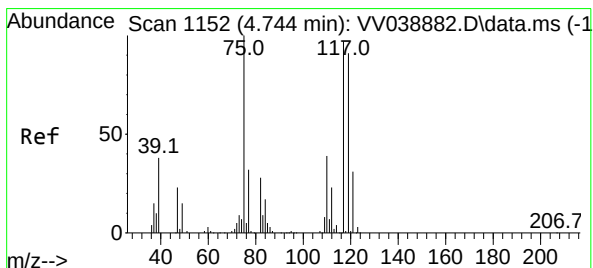
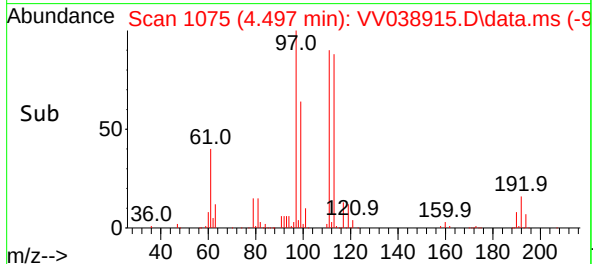
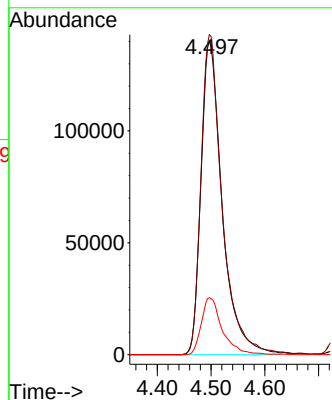
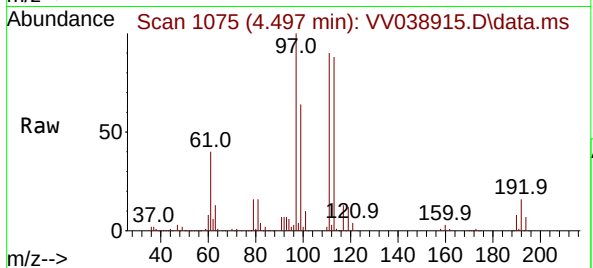
Tgt Ion:113 Resp: 383722

Ion Ratio Lower Upper

113 100

111 102.0 83.3 124.9

192 17.9 14.2 21.4



#36

1,1-Dichloropropene

Concen: 52.601 ug/l

RT: 4.741 min Scan# 1151

Delta R.T. -0.003 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

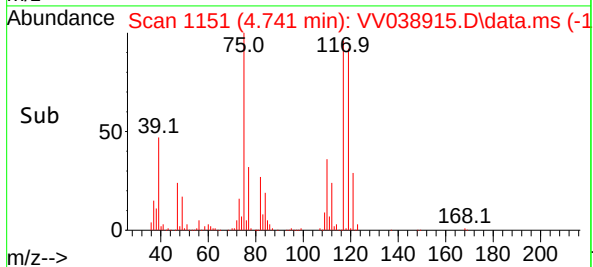
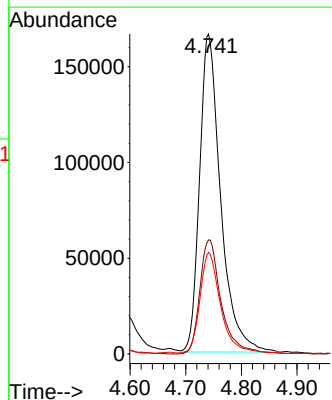
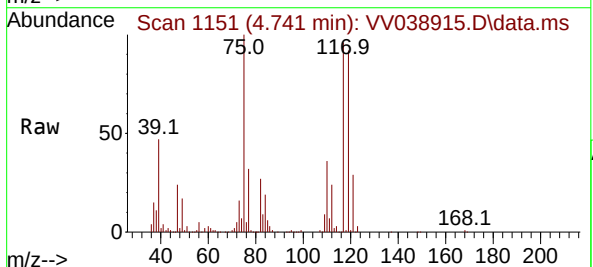
Tgt Ion: 75 Resp: 436778

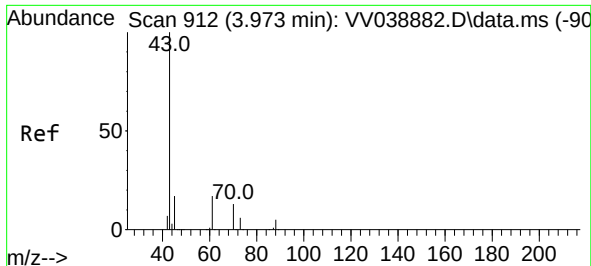
Ion Ratio Lower Upper

75 100

110 36.7 18.8 56.3

77 30.5 24.2 36.4

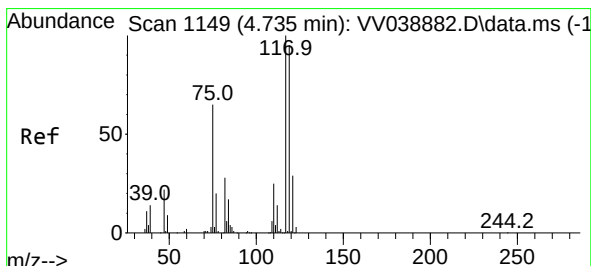
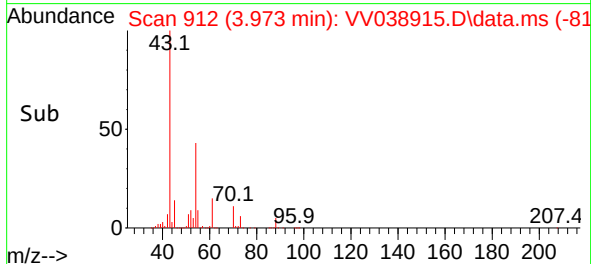
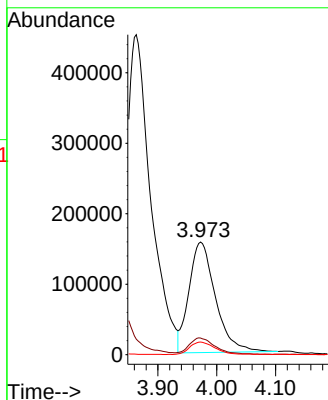
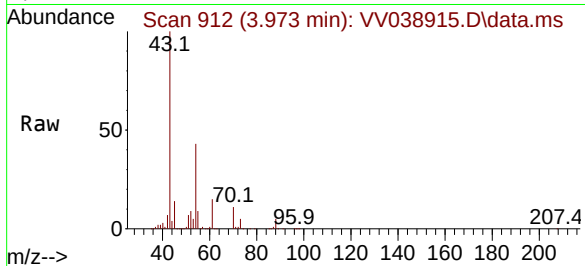




#37  
Ethyl Acetate  
Concen: 50.213 ug/l  
RT: 3.973 min Scan# 912  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

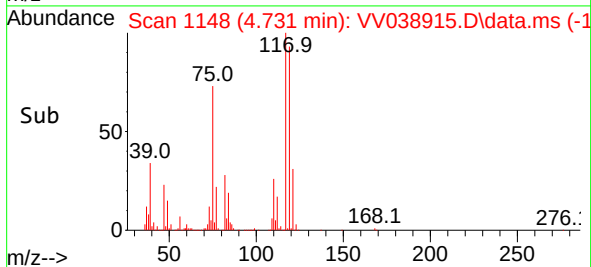
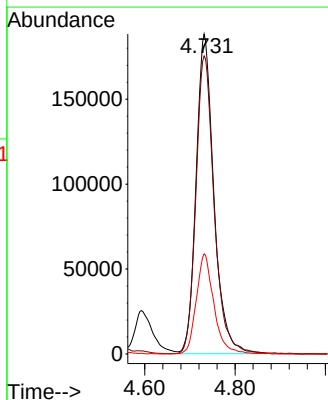
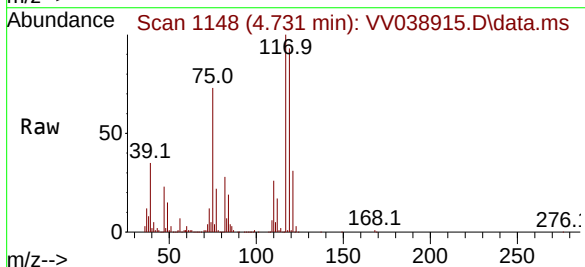
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

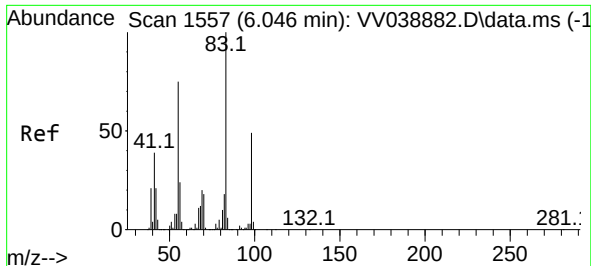
Tgt Ion: 43 Resp: 490910  
Ion Ratio Lower Upper  
43 100  
61 13.4 11.1 16.7  
70 10.7 8.9 13.3



#38  
Carbon Tetrachloride  
Concen: 46.727 ug/l  
RT: 4.731 min Scan# 1148  
Delta R.T. -0.003 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

Tgt Ion: 117 Resp: 515397  
Ion Ratio Lower Upper  
117 100  
119 93.1 76.0 114.0  
121 31.2 23.1 34.7





#39

Methylcyclohexane

Concen: 57.046 ug/l

RT: 6.043 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Instrument :

MSVOA\_V

ClientSampleId :

VSTDCCC050

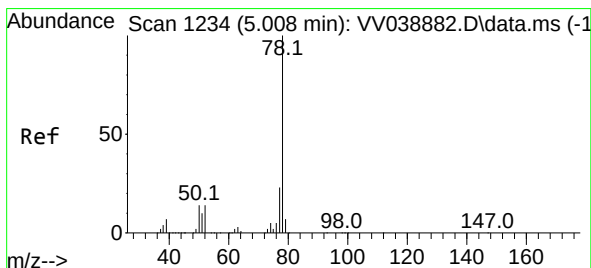
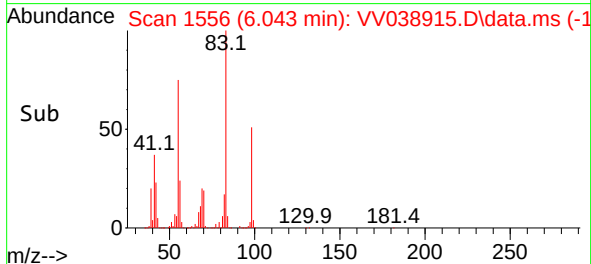
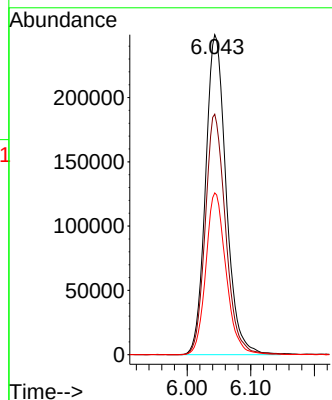
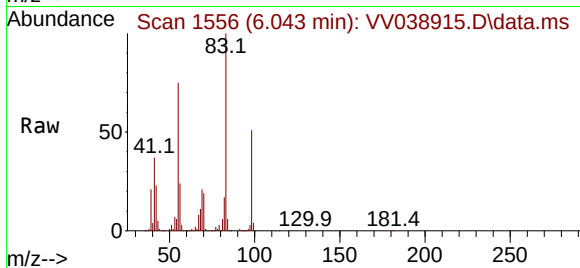
Tgt Ion: 83 Resp: 558918

Ion Ratio Lower Upper

83 100

55 75.1 60.0 90.0

98 50.5 39.0 58.6



#40

Benzene

Concen: 49.956 ug/l

RT: 5.005 min Scan# 1233

Delta R.T. -0.003 min

Lab File: VV038915.D

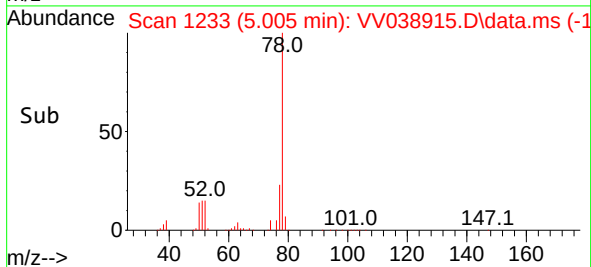
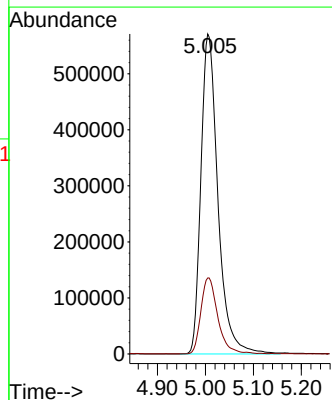
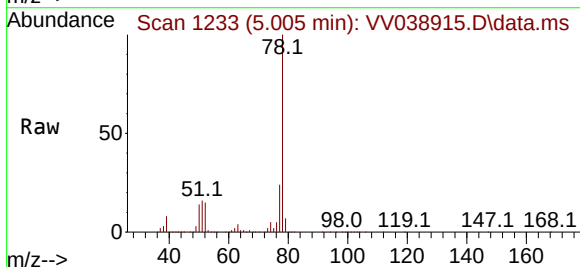
Acq: 18 Jul 2025 11:58

Tgt Ion: 78 Resp: 1406210

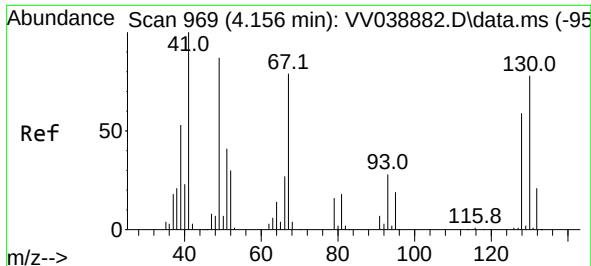
Ion Ratio Lower Upper

78 100

77 23.7 18.6 28.0



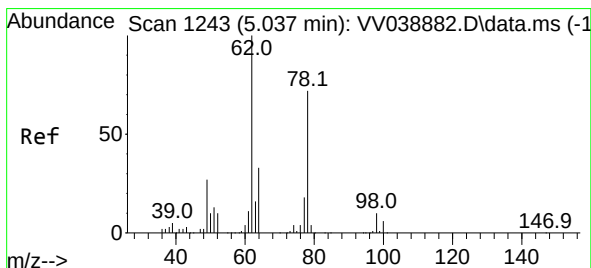
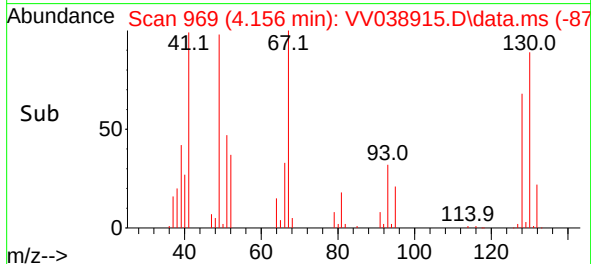
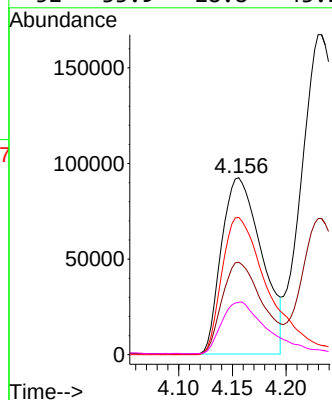
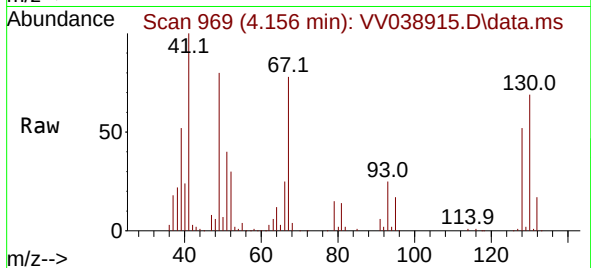




#41  
Methacrylonitrile  
Concen: 53.537 ug/l  
RT: 4.156 min Scan# 969  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

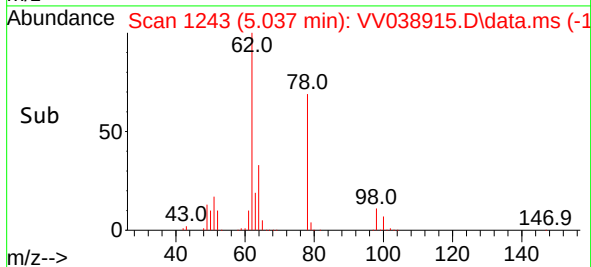
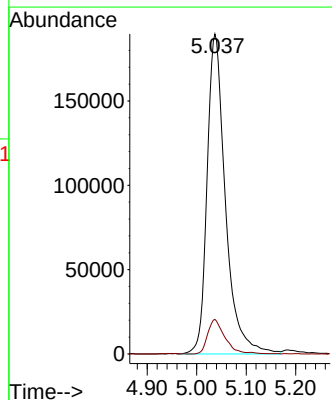
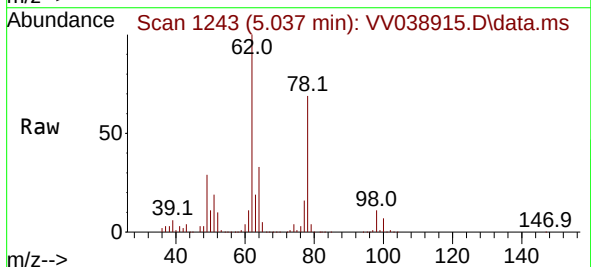
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

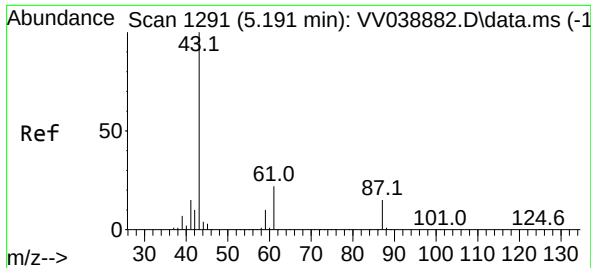
Tgt Ion: 41 Resp: 240213  
Ion Ratio Lower Upper  
41 100  
39 53.0 42.0 63.0  
67 92.7 76.2 114.2  
52 33.9 28.8 43.2



#42  
1,2-Dichloroethane  
Concen: 45.480 ug/l  
RT: 5.037 min Scan# 1243  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

Tgt Ion: 62 Resp: 487975  
Ion Ratio Lower Upper  
62 100  
98 9.9 0.0 18.8

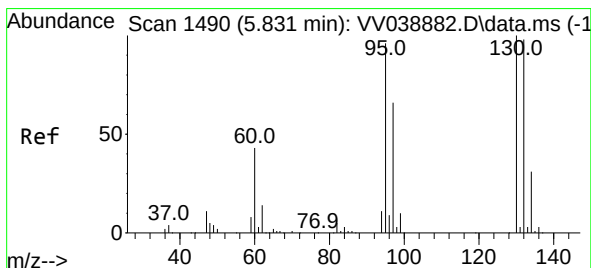
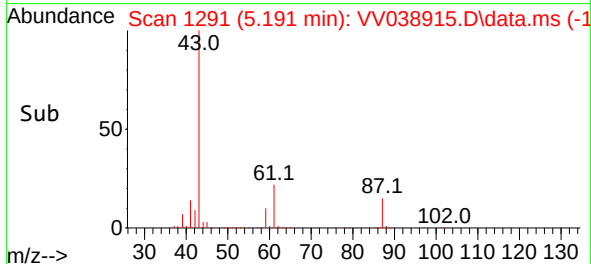
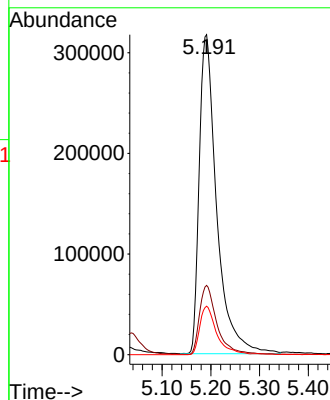
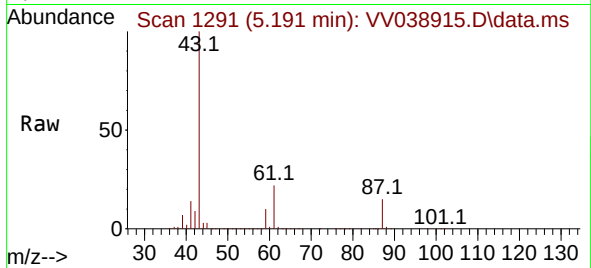




#43  
Isopropyl Acetate  
Concen: 51.177 ug/l  
RT: 5.191 min Scan# 1291  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

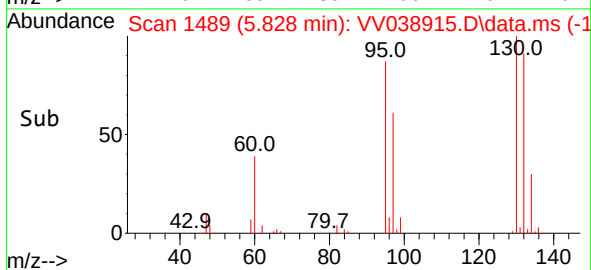
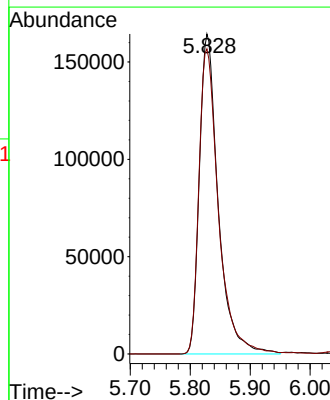
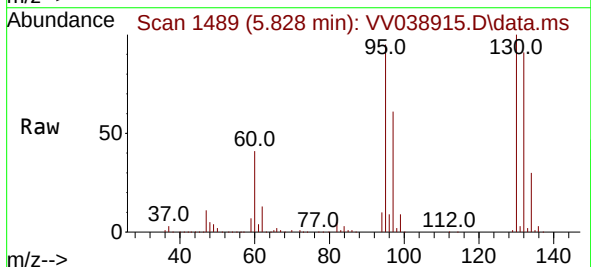
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

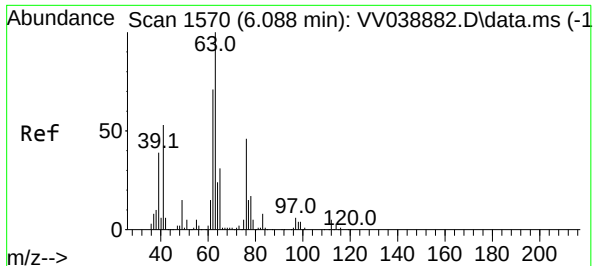
Tgt Ion: 43 Resp: 791284  
Ion Ratio Lower Upper  
43 100  
61 21.4 17.1 25.7  
87 14.7 12.2 18.4



#44  
Trichloroethene  
Concen: 48.973 ug/l  
RT: 5.828 min Scan# 1489  
Delta R.T. -0.003 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

Tgt Ion:130 Resp: 360228  
Ion Ratio Lower Upper  
130 100  
95 95.3 0.0 191.2





#45

1,2-Dichloropropane

Concen: 46.599 ug/l

RT: 6.088 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Instrument :

MSVOA\_V

ClientSampleId :

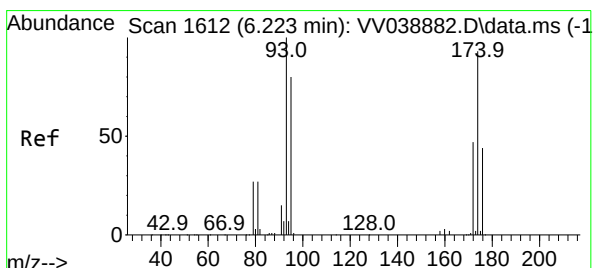
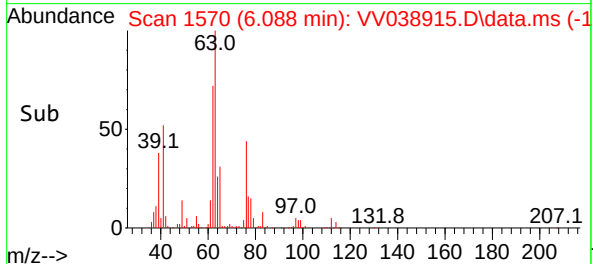
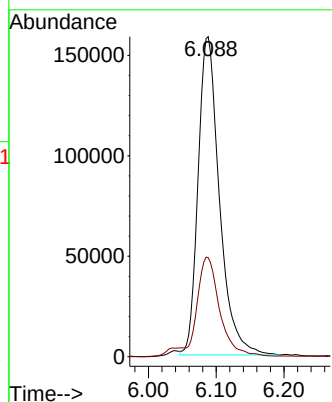
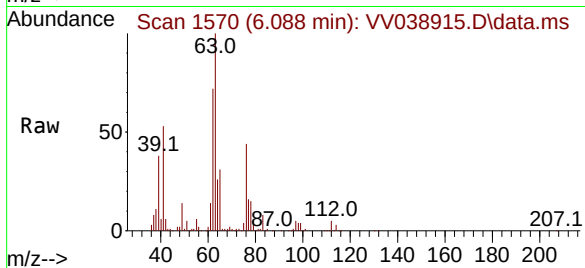
VSTDCCC050

Tgt Ion: 63 Resp: 346502

Ion Ratio Lower Upper

63 100

65 30.9 24.9 37.3



#46

Dibromomethane

Concen: 46.706 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

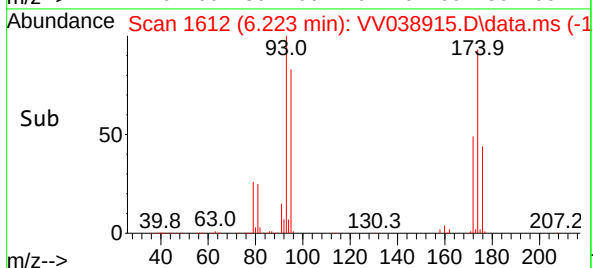
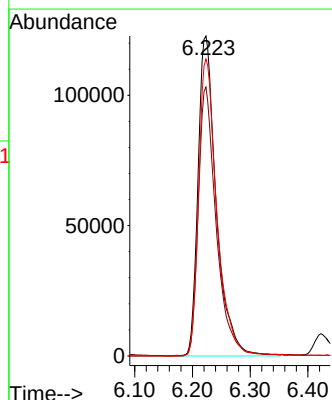
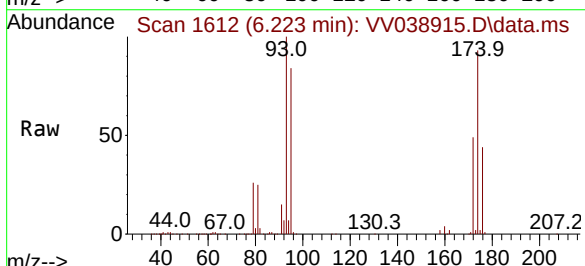
Tgt Ion: 93 Resp: 268711

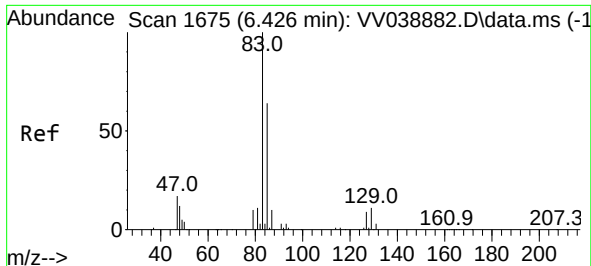
Ion Ratio Lower Upper

93 100

95 82.4 66.2 99.4

174 92.9 75.3 112.9

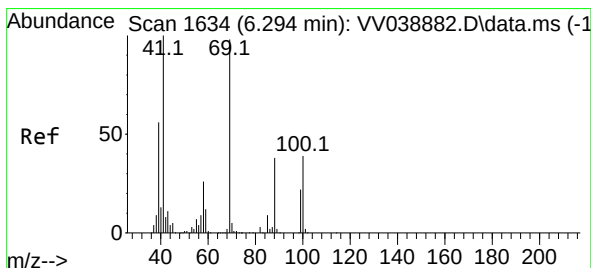
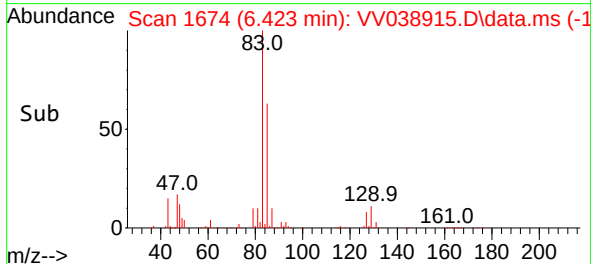
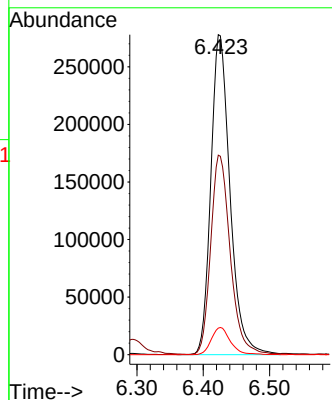
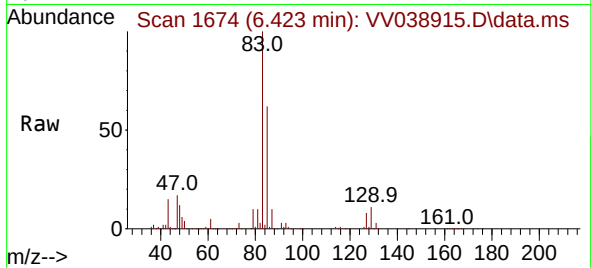




#47  
Bromodichloromethane  
Concen: 45.809 ug/l  
RT: 6.423 min Scan# 1  
Delta R.T. -0.003 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

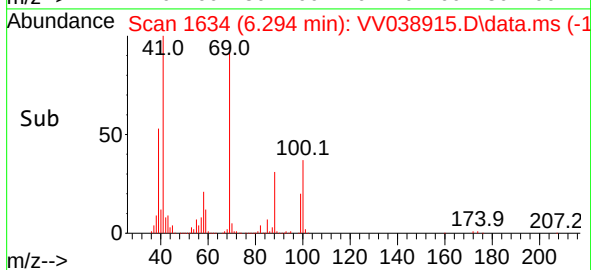
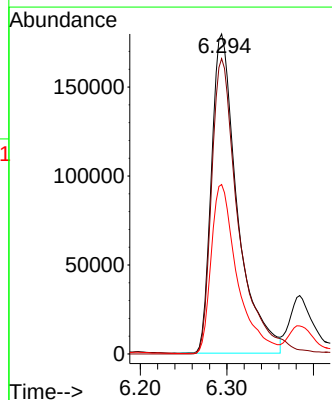
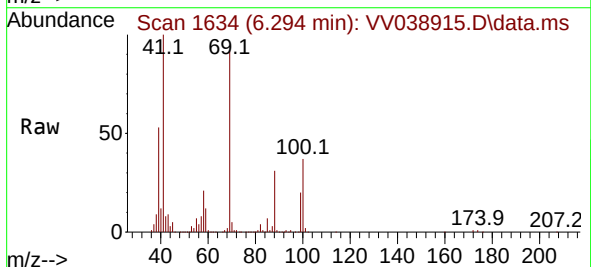
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

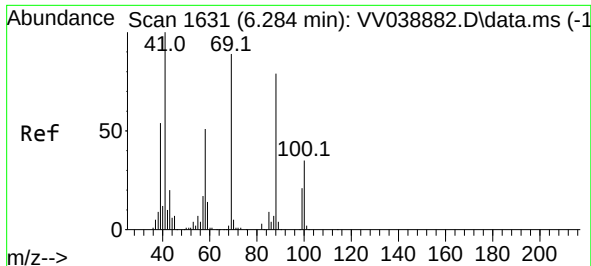
Tgt Ion: 83 Resp: 559325  
Ion Ratio Lower Upper  
83 100  
85 62.2 51.4 77.0  
127 8.3 6.9 10.3



#48  
Methyl methacrylate  
Concen: 55.656 ug/l  
RT: 6.294 min Scan# 1634  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

Tgt Ion: 41 Resp: 373467  
Ion Ratio Lower Upper  
41 100  
69 96.7 79.4 119.2  
39 53.3 44.0 66.0





#49

1,4-Dioxane

Concen: 992.910 ug/l

RT: 6.284 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Instrument :

MSVOA\_V

ClientSampleId :

VSTDCCC050

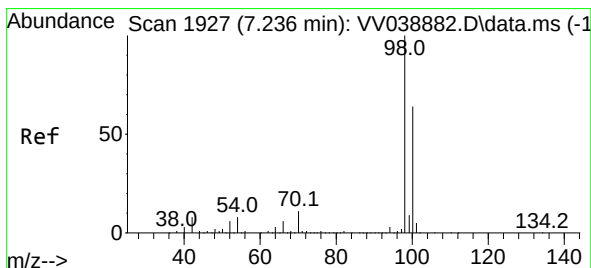
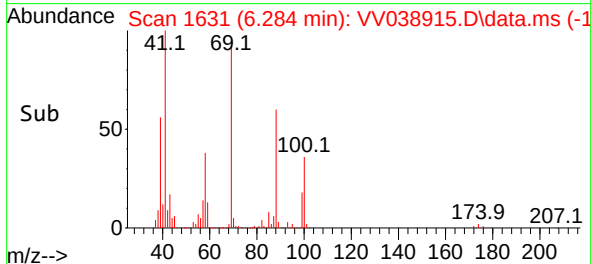
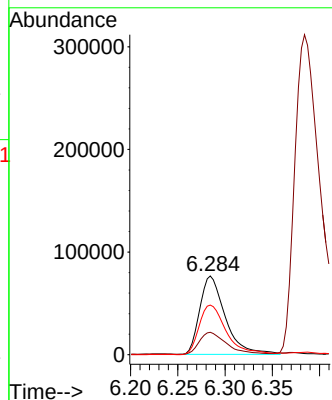
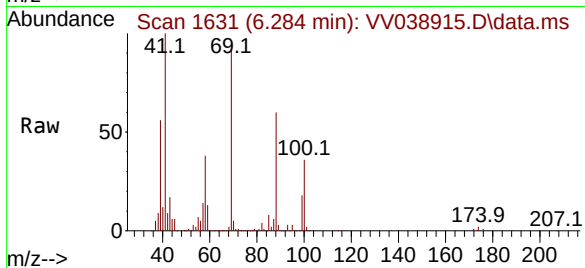
Tgt Ion: 88 Resp: 143553

Ion Ratio Lower Upper

88 100

43 30.1 23.0 34.4

58 67.3 53.8 80.6



#50

Toluene-d8

Concen: 49.548 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. -0.003 min

Lab File: VV038915.D

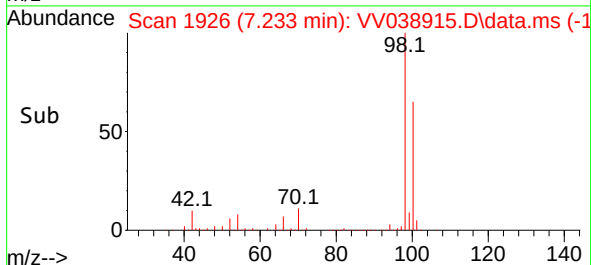
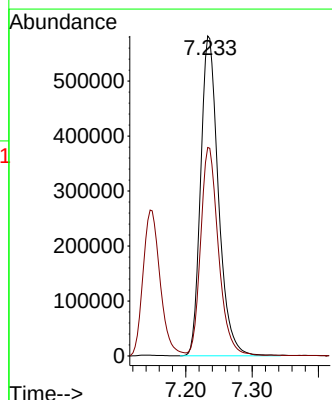
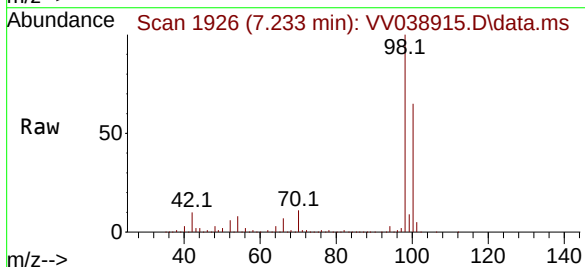
Acq: 18 Jul 2025 11:58

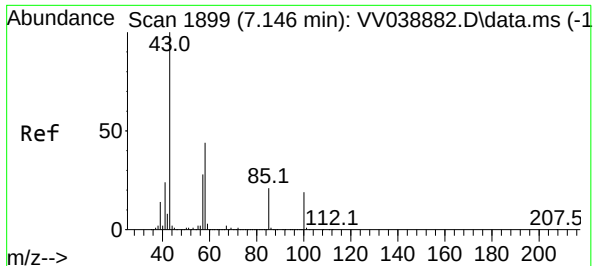
Tgt Ion: 98 Resp: 1082119

Ion Ratio Lower Upper

98 100

100 65.1 52.9 79.3

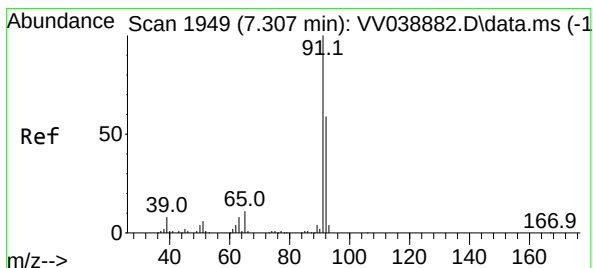
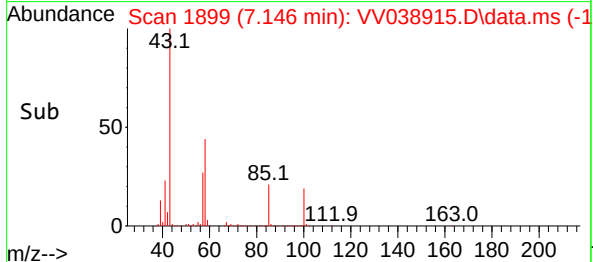
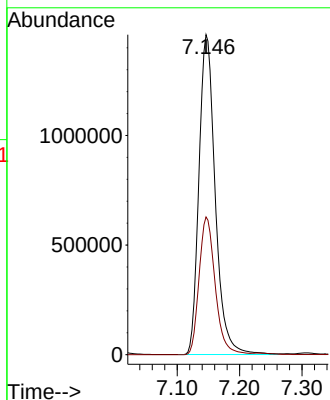
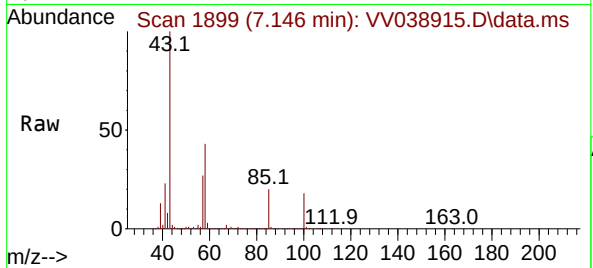




#51  
4-Methyl-2-Pentanone  
Concen: 251.740 ug/l  
RT: 7.146 min Scan# 1899  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

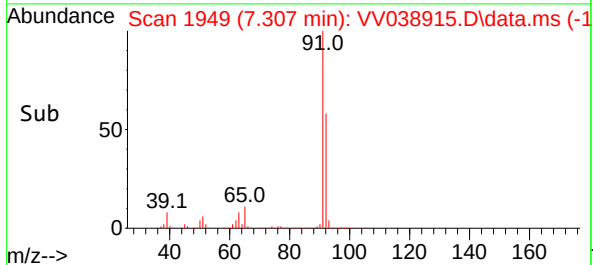
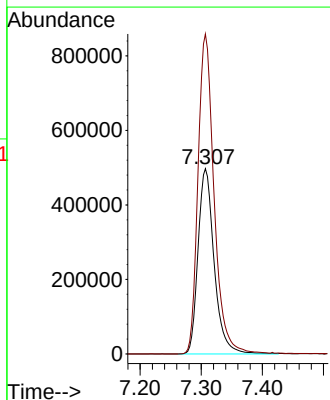
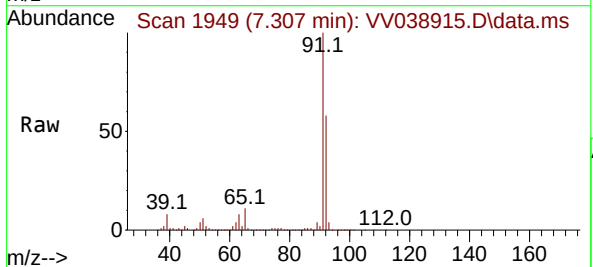
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

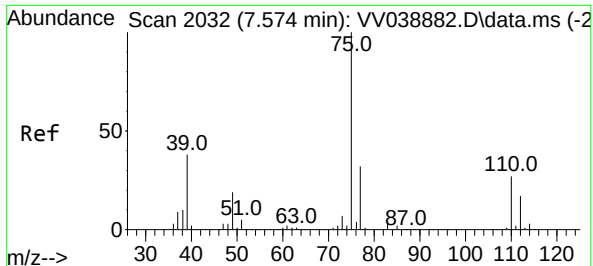
Tgt Ion: 43 Resp: 2650386  
Ion Ratio Lower Upper  
43 100  
58 42.6 34.5 51.7



#52  
Toluene  
Concen: 51.420 ug/l  
RT: 7.307 min Scan# 1949  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

Tgt Ion: 92 Resp: 911816  
Ion Ratio Lower Upper  
92 100  
91 172.2 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 51.666 ug/l

RT: 7.570 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Instrument :

MSVOA\_V

ClientSampleId :

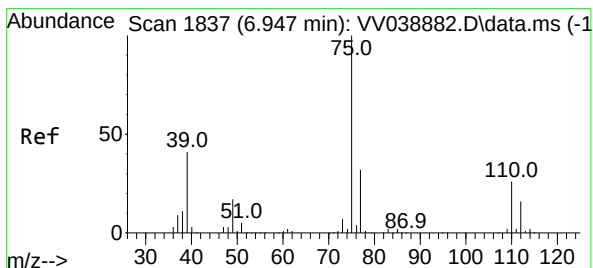
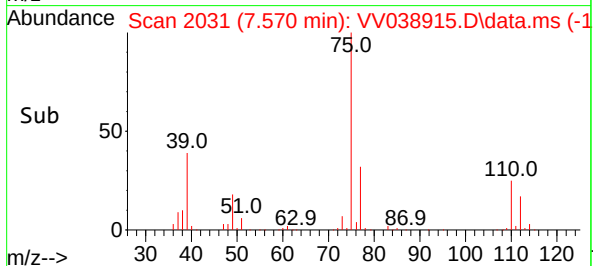
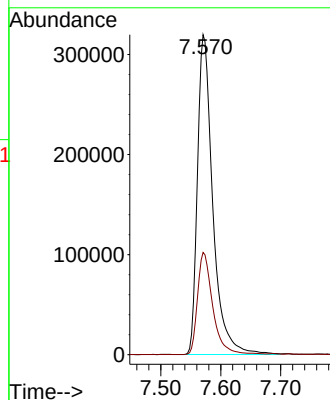
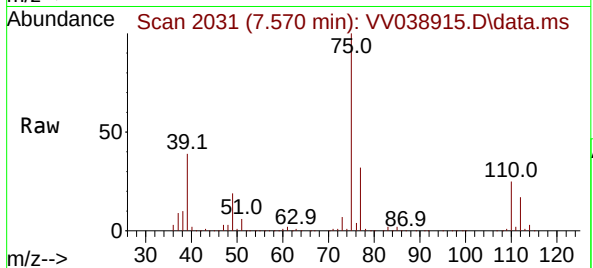
VSTDCCC050

Tgt Ion: 75 Resp: 570813

Ion Ratio Lower Upper

75 100

77 31.9 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 50.288 ug/l

RT: 6.947 min Scan# 1837

Delta R.T. -0.000 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

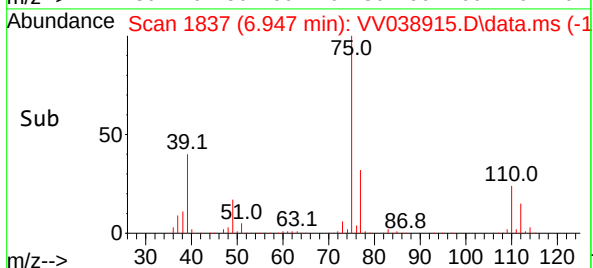
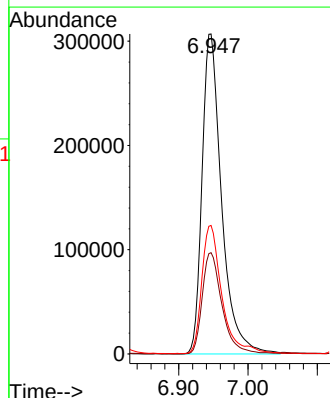
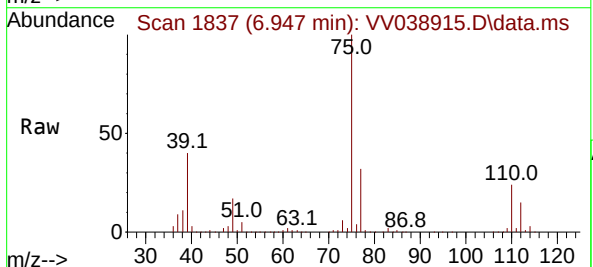
Tgt Ion: 75 Resp: 600591

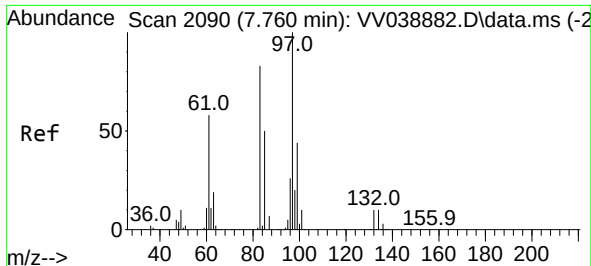
Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3

39 40.1 33.1 49.7



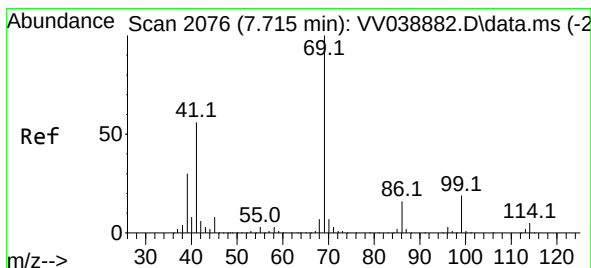
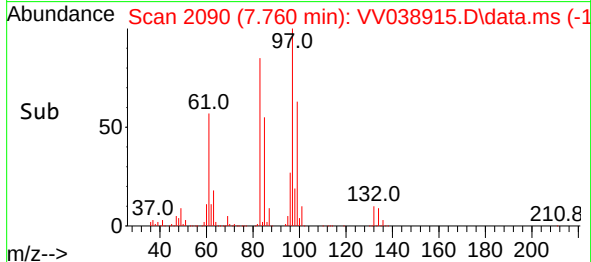
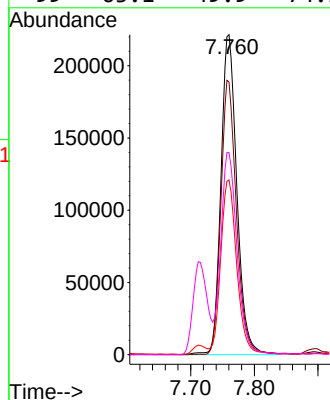
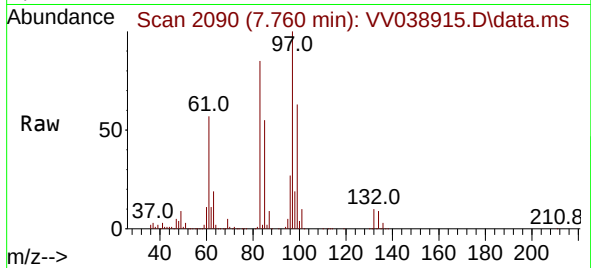


#55  
1,1,2-Trichloroethane  
Concen: 45.431 ug/l  
RT: 7.760 min Scan# 2090  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 97 Resp: 385069

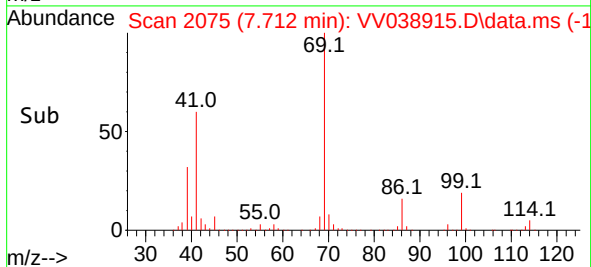
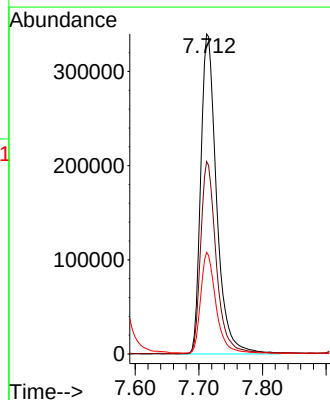
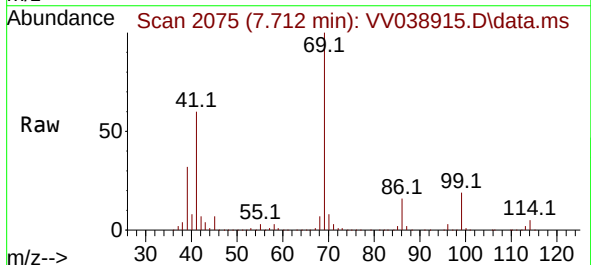
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 85.2  | 66.2  | 99.4  |
| 85  | 54.5  | 41.4  | 62.2  |
| 99  | 63.1  | 49.9  | 74.9  |



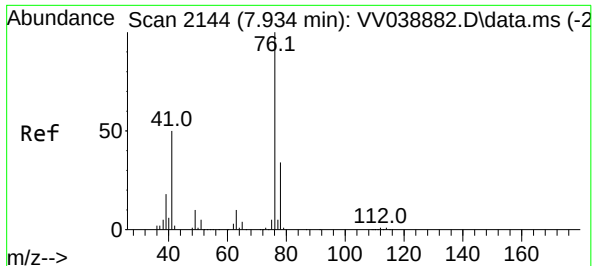
#56  
Ethyl methacrylate  
Concen: 58.415 ug/l  
RT: 7.712 min Scan# 2075  
Delta R.T. -0.003 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

Tgt Ion: 69 Resp: 588367

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 59.1  | 45.7  | 68.5  |
| 39  | 30.2  | 23.8  | 35.8  |







#57

1,3-Dichloropropane

Concen: 48.601 ug/l

RT: 7.934 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Instrument :

MSVOA\_V

ClientSampleId :

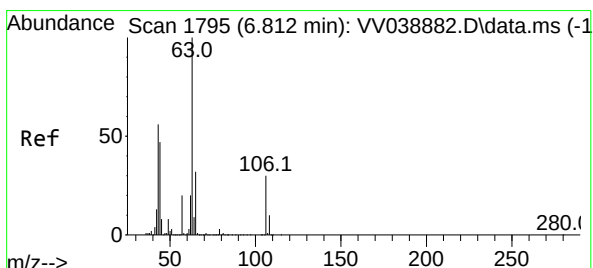
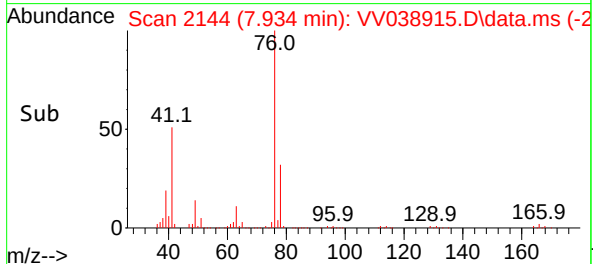
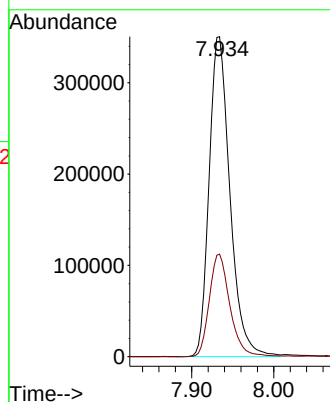
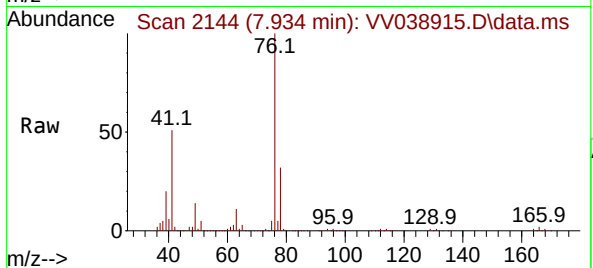
VSTDCCC050

Tgt Ion: 76 Resp: 617674

Ion Ratio Lower Upper

76 100

78 31.8 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 213.661 ug/l

RT: 6.808 min Scan# 1794

Delta R.T. -0.003 min

Lab File: VV038915.D

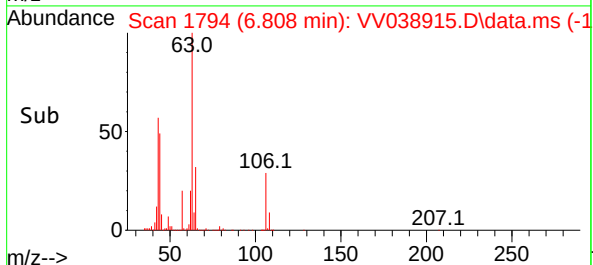
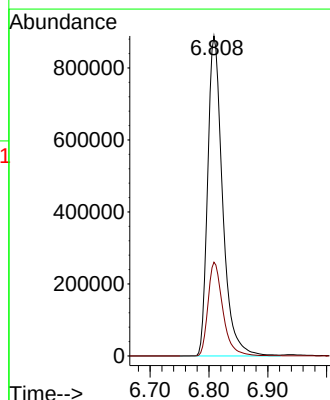
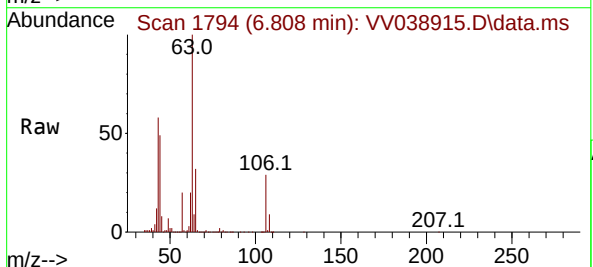
Acq: 18 Jul 2025 11:58

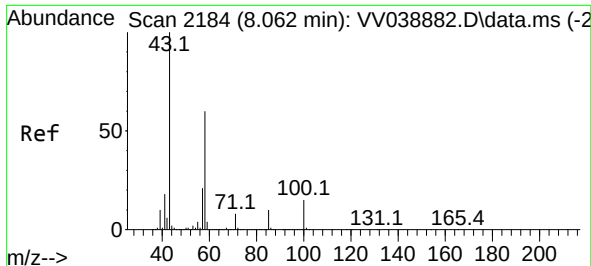
Tgt Ion: 63 Resp: 1564374

Ion Ratio Lower Upper

63 100

106 29.3 24.1 36.1

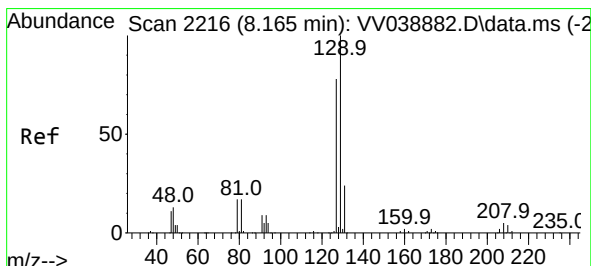
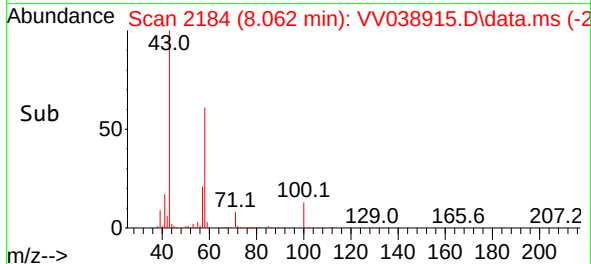
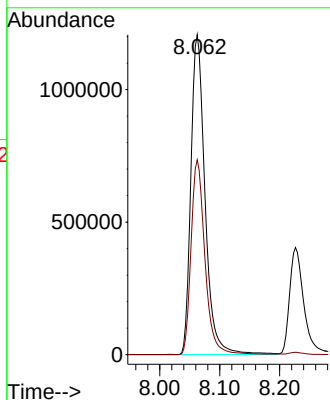
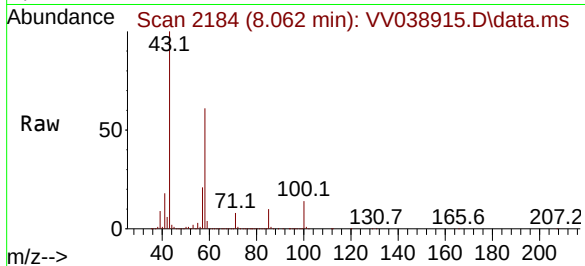




#59  
2-Hexanone  
Concen: 252.829 ug/l  
RT: 8.062 min Scan# 2184  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

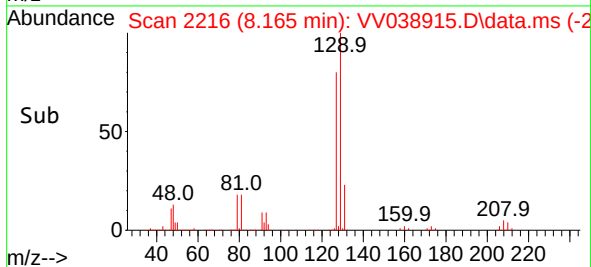
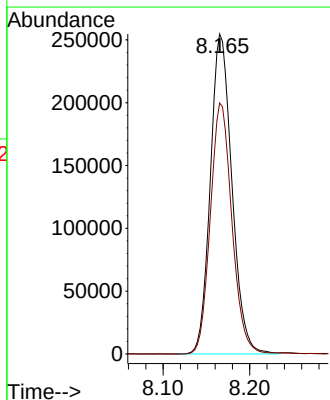
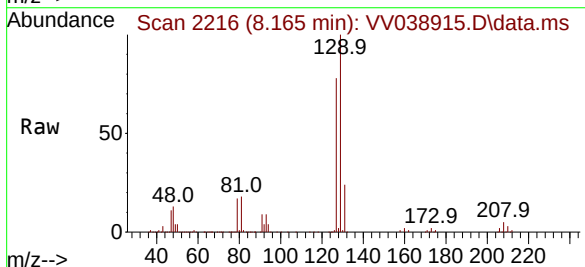
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

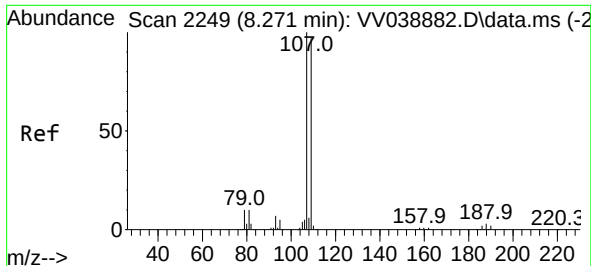
Tgt Ion: 43 Resp: 1981500  
Ion Ratio Lower Upper  
43 100  
58 59.8 29.6 88.8



#60  
Dibromochloromethane  
Concen: 44.218 ug/l  
RT: 8.165 min Scan# 2216  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

Tgt Ion: 129 Resp: 441367  
Ion Ratio Lower Upper  
129 100  
127 78.3 39.4 118.2

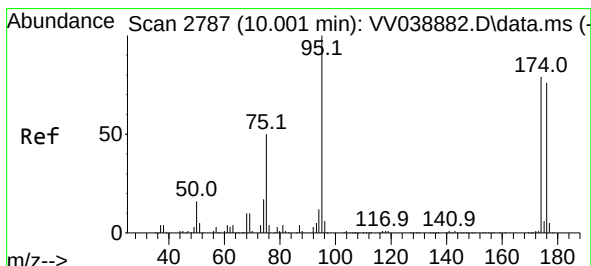
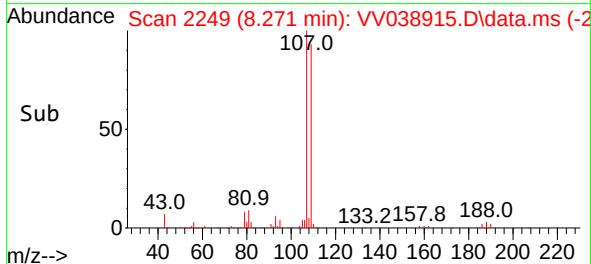
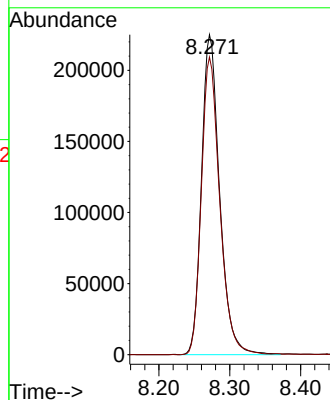
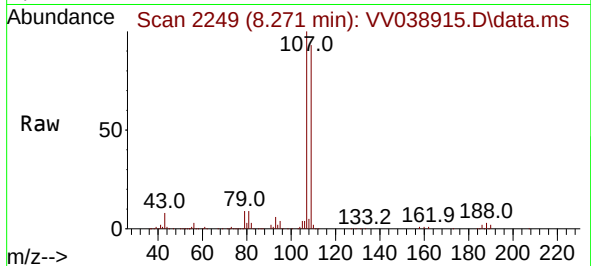




#61  
1,2-Dibromoethane  
Concen: 46.844 ug/l  
RT: 8.271 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

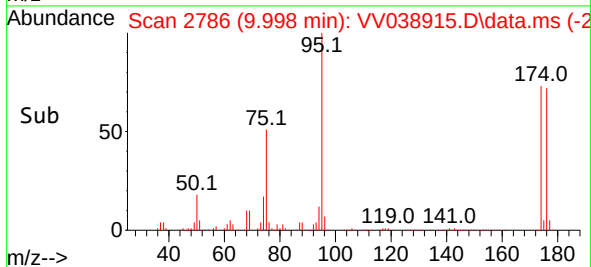
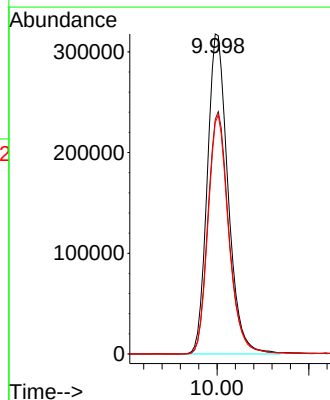
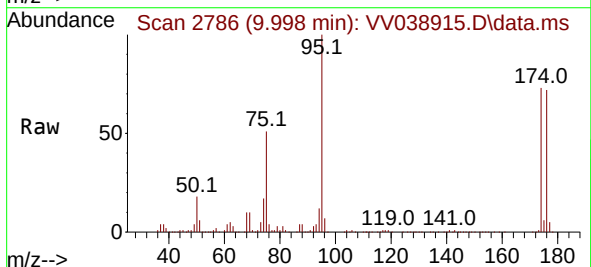
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

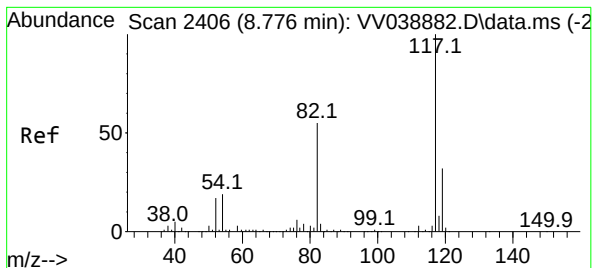
Tgt Ion:107 Resp: 400002  
Ion Ratio Lower Upper  
107 100  
109 94.4 77.1 115.7



#62  
4-Bromofluorobenzene  
Concen: 56.613 ug/l  
RT: 9.998 min Scan# 2786  
Delta R.T. -0.003 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

Tgt Ion: 95 Resp: 498074  
Ion Ratio Lower Upper  
95 100  
174 76.6 0.0 160.0  
176 74.5 0.0 152.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.773 min Scan# 2406

Delta R.T. -0.003 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Instrument :

MSVOA\_V

ClientSampleId :

VSTDCCC050

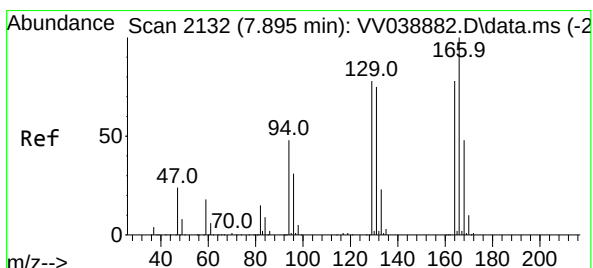
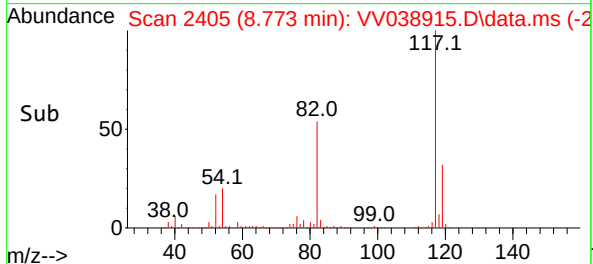
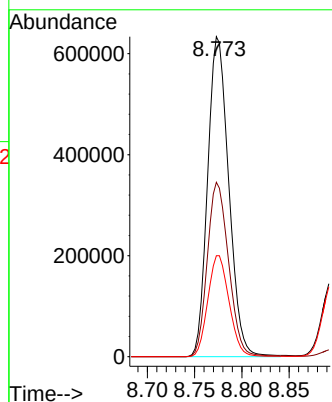
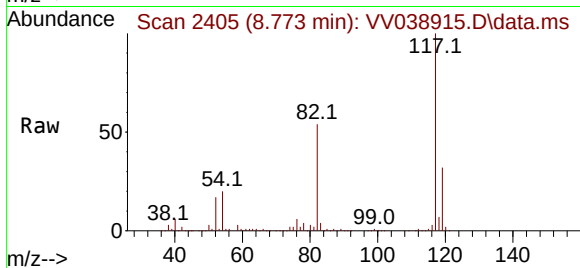
Tgt Ion:117 Resp: 984180

Ion Ratio Lower Upper

117 100

82 54.5 43.7 65.5

119 31.6 25.4 38.0



#64

Tetrachloroethene

Concen: 47.376 ug/l

RT: 7.895 min Scan# 2132

Delta R.T. -0.000 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Tgt Ion:164 Resp: 305793

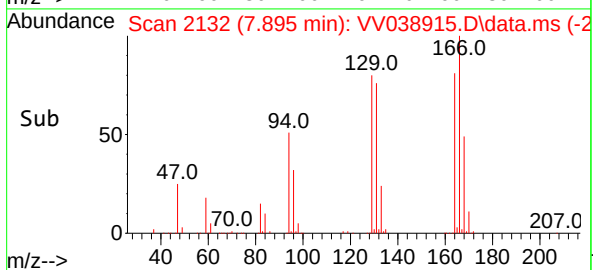
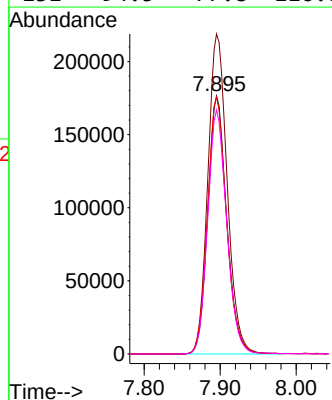
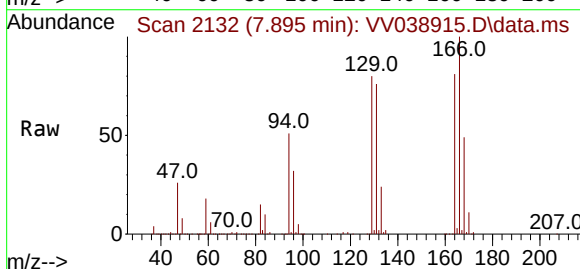
Ion Ratio Lower Upper

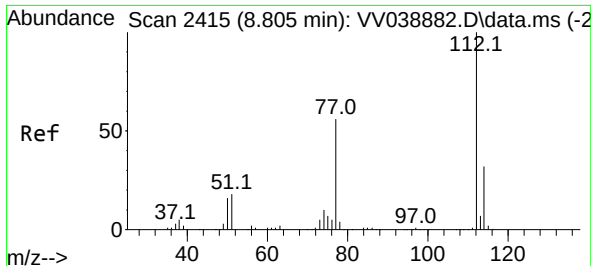
164 100

166 124.0 103.2 154.8

129 99.5 81.0 121.4

131 94.5 77.8 116.8

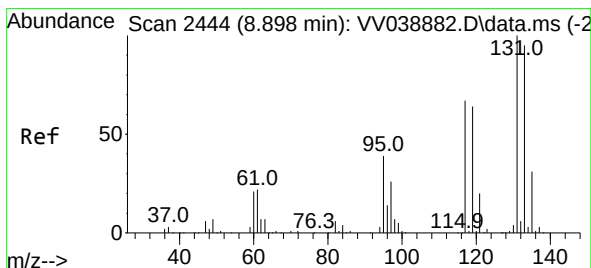
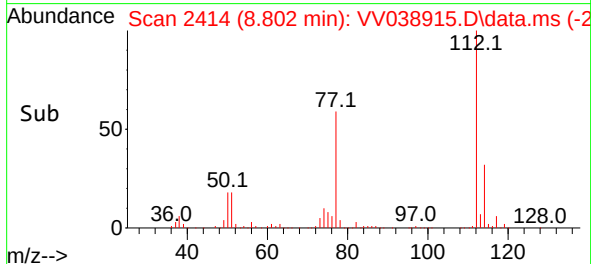
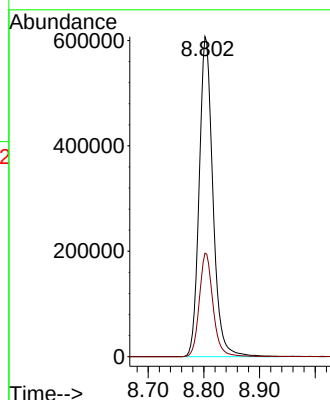
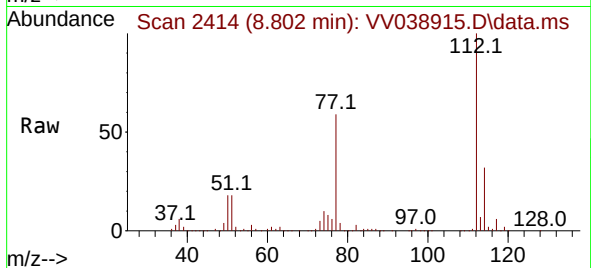




#65  
Chlorobenzene  
Concen: 48.378 ug/l  
RT: 8.802 min Scan# 2415  
Delta R.T. -0.003 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

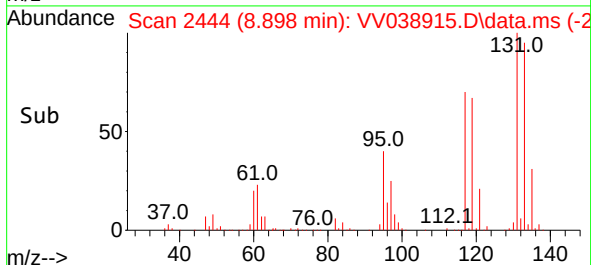
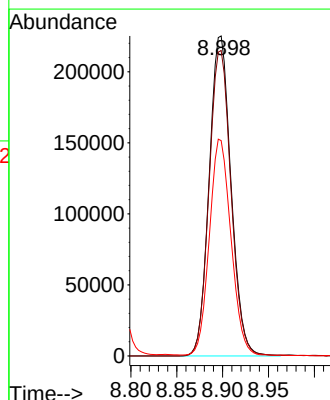
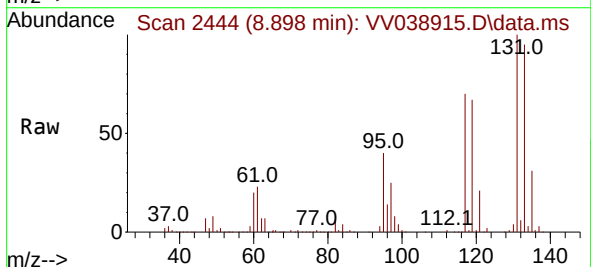
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

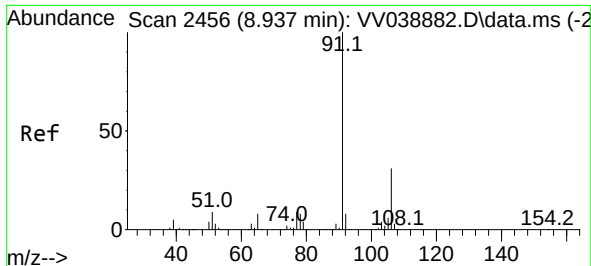
Tgt Ion:112 Resp: 1040342  
Ion Ratio Lower Upper  
112 100  
114 32.4 25.3 37.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 43.592 ug/l  
RT: 8.898 min Scan# 2444  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

Tgt Ion:131 Resp: 373842  
Ion Ratio Lower Upper  
131 100  
133 96.2 47.6 142.9  
119 66.7 32.0 96.2





#67

Ethyl Benzene

Concen: 55.746 ug/l

RT: 8.934 min Scan# 2456

Delta R.T. -0.003 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Instrument :

MSVOA\_V

ClientSampleId :

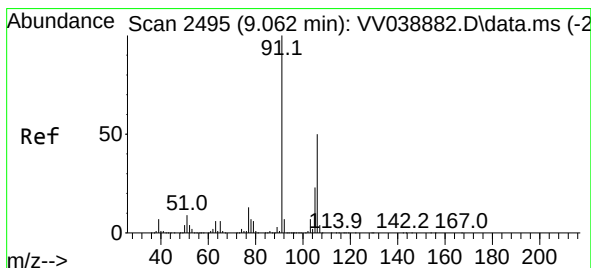
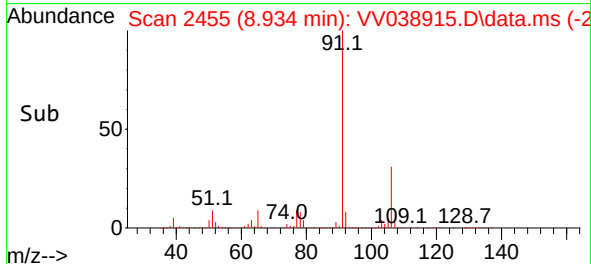
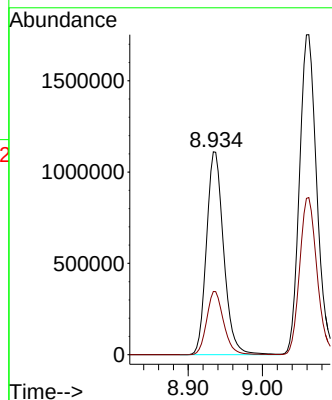
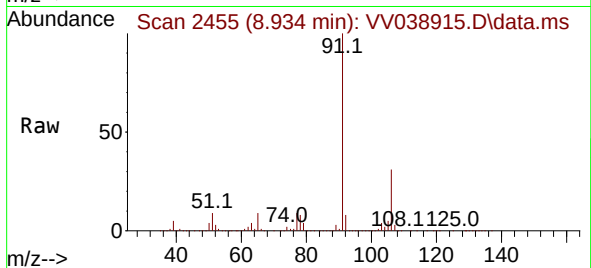
VSTDCCC050

Tgt Ion: 91 Resp: 1780062

Ion Ratio Lower Upper

91 100

106 31.1 24.8 37.2



#68

m/p-Xylenes

Concen: 112.450 ug/l

RT: 9.062 min Scan# 2495

Delta R.T. -0.000 min

Lab File: VV038915.D

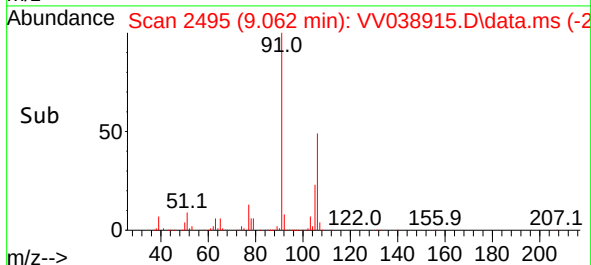
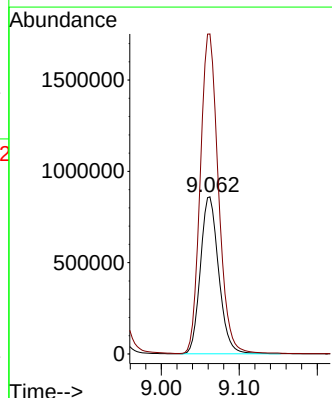
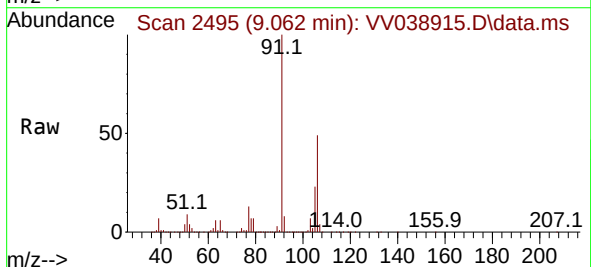
Acq: 18 Jul 2025 11:58

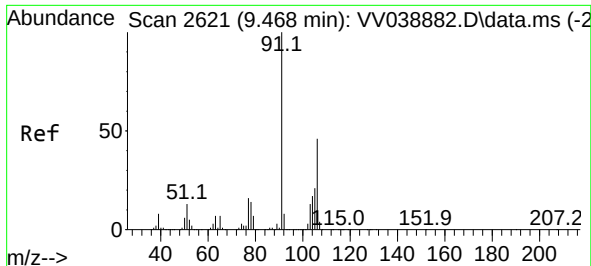
Tgt Ion: 106 Resp: 1397979

Ion Ratio Lower Upper

106 100

91 202.8 161.0 241.6

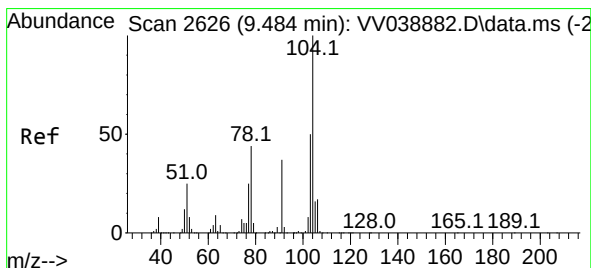
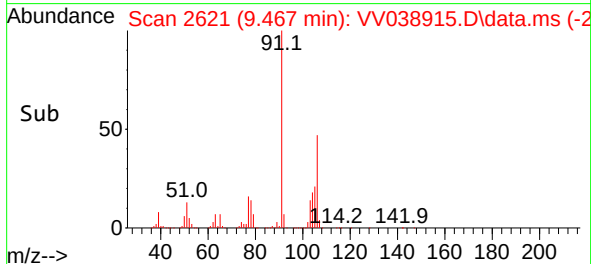
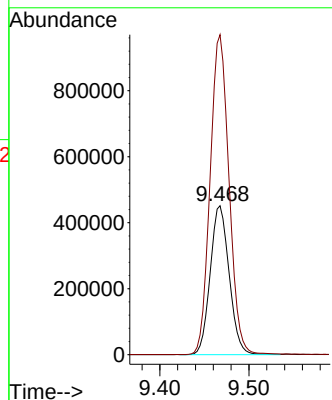
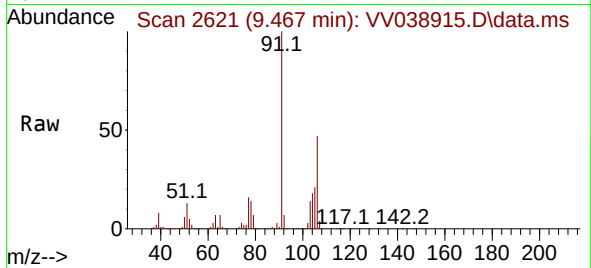




#69  
o-Xylene  
Concen: 56.703 ug/l  
RT: 9.467 min Scan# 2621  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

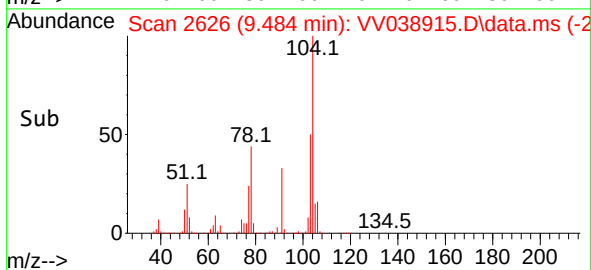
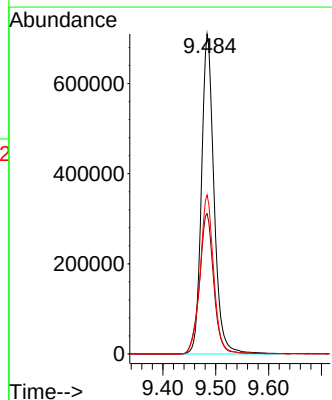
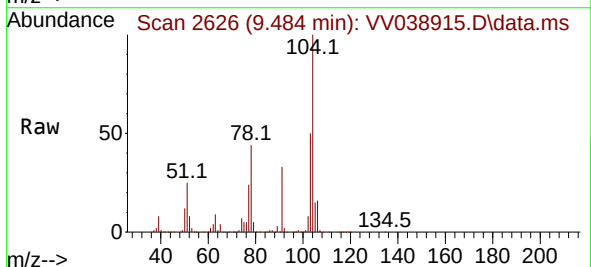
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

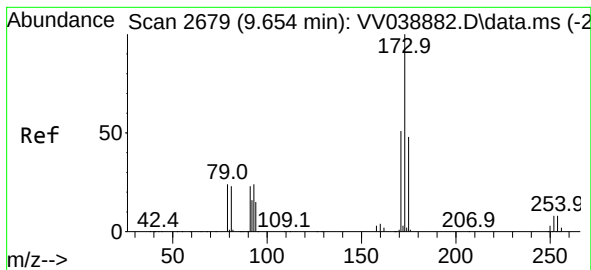
Tgt Ion:106 Resp: 665352  
Ion Ratio Lower Upper  
106 100  
91 214.3 108.9 326.6



#70  
Styrene  
Concen: 56.643 ug/l  
RT: 9.484 min Scan# 2626  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

Tgt Ion:104 Resp: 1174696  
Ion Ratio Lower Upper  
104 100  
78 49.6 39.9 59.9  
103 53.7 43.4 65.2





#71

Bromoform

Concen: 45.650 ug/l

RT: 9.654 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Instrument :

MSVOA\_V

ClientSampleId :

VSTDCCC050

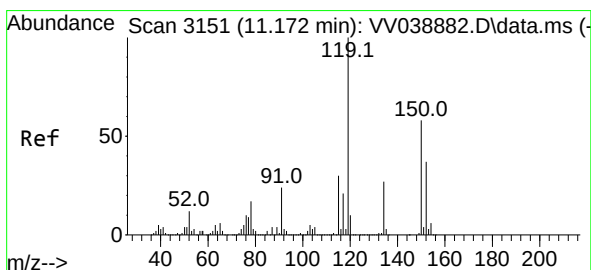
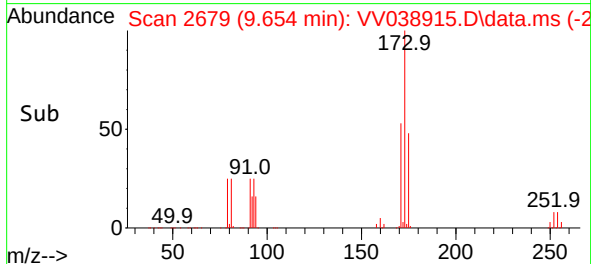
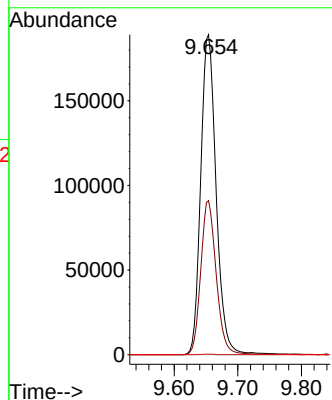
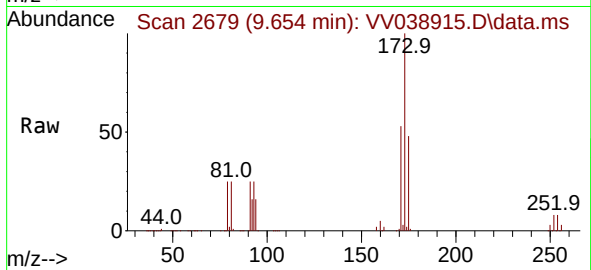
Tgt Ion:173 Resp: 318218

Ion Ratio Lower Upper

173 100

175 48.2 23.5 70.6

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

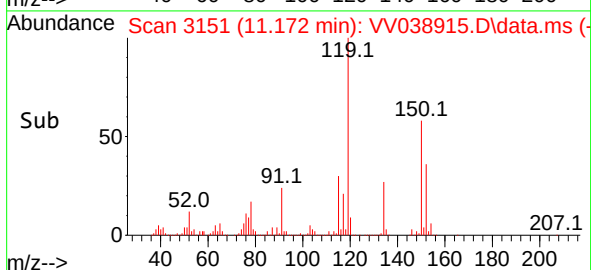
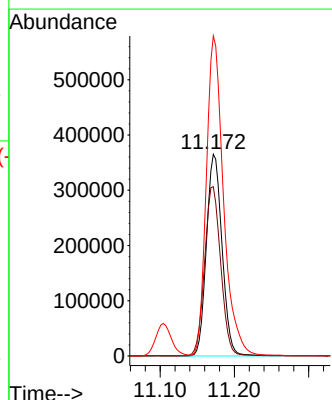
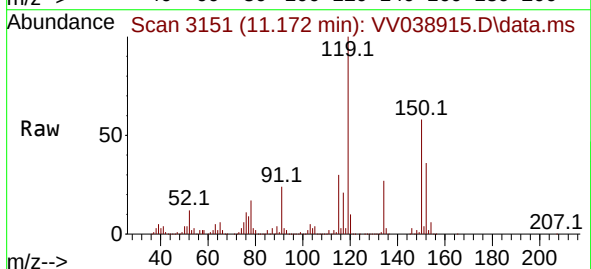
Tgt Ion:152 Resp: 532516

Ion Ratio Lower Upper

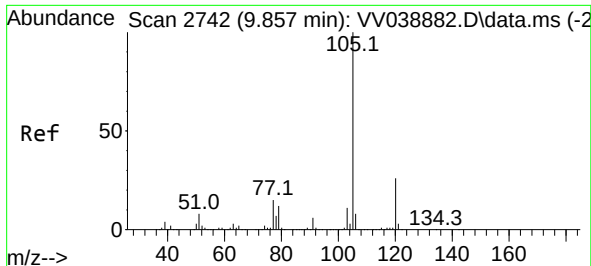
152 100

115 86.7 41.8 125.4

150 174.4 0.0 342.4



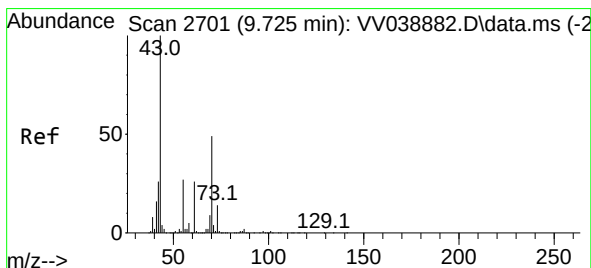
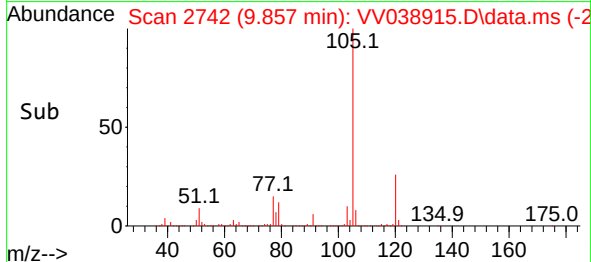
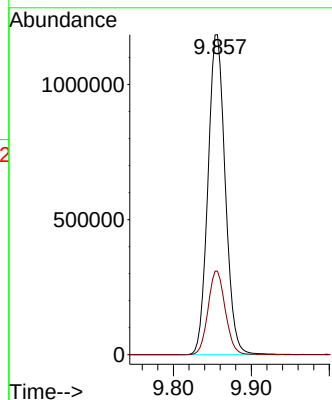
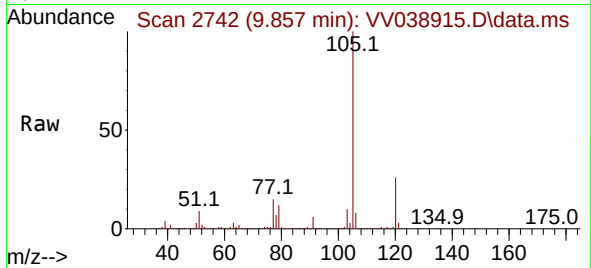




#73  
Isopropylbenzene  
Concen: 57.253 ug/l  
RT: 9.857 min Scan# 2742  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

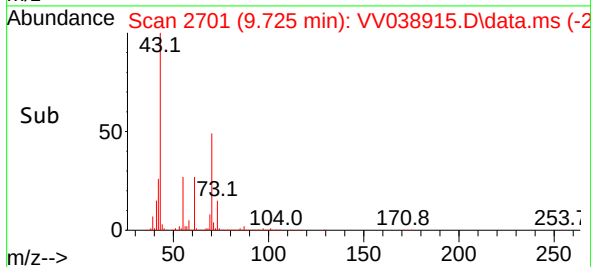
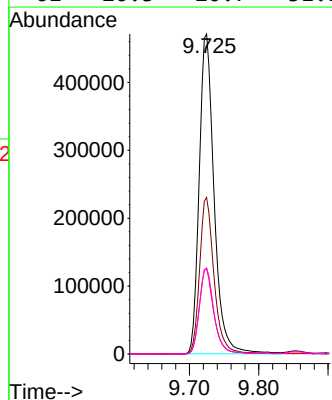
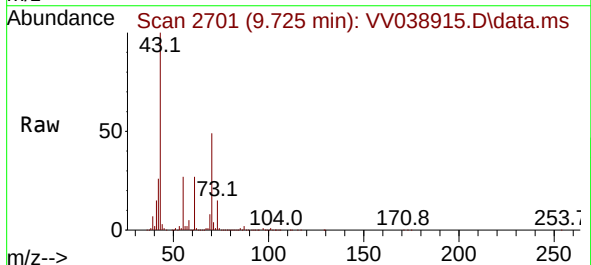
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

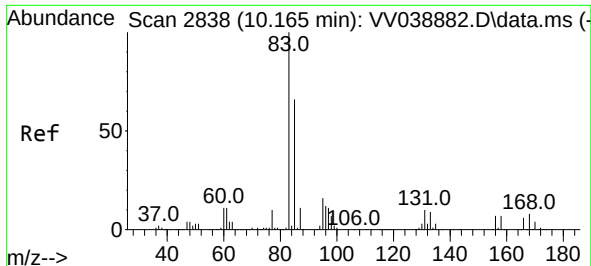
Tgt Ion:105 Resp: 1821707  
Ion Ratio Lower Upper  
105 100  
120 26.1 12.9 38.7



#74  
N-ethyl acetate  
Concen: 60.575 ug/l  
RT: 9.725 min Scan# 2701  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

Tgt Ion: 43 Resp: 706040  
Ion Ratio Lower Upper  
43 100  
70 47.6 38.6 58.0  
55 26.0 21.8 32.8  
61 26.3 20.7 31.1

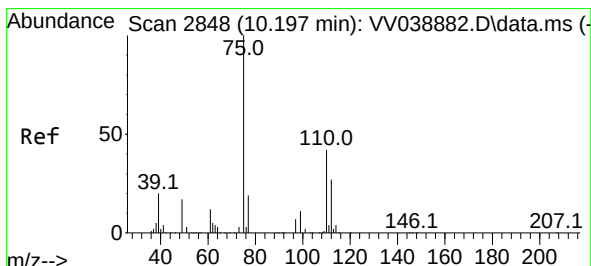
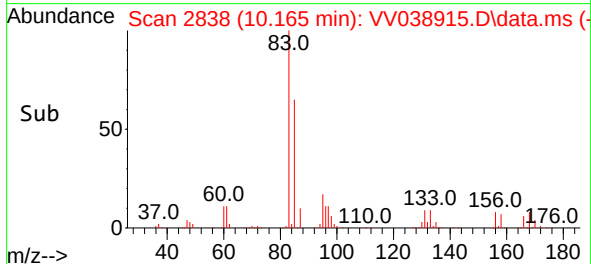
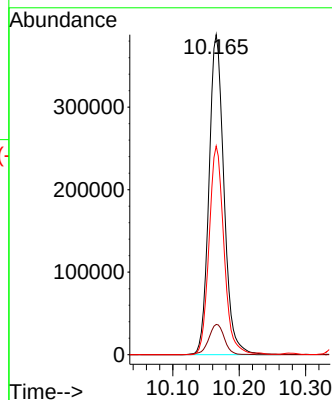
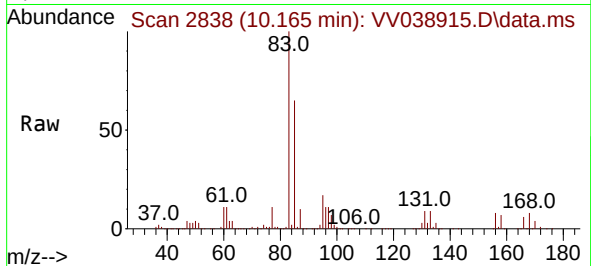




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 45.755 ug/l  
 RT: 10.165 min Scan# 2838  
 Delta R.T. -0.000 min  
 Lab File: VV038915.D  
 Acq: 18 Jul 2025 11:58

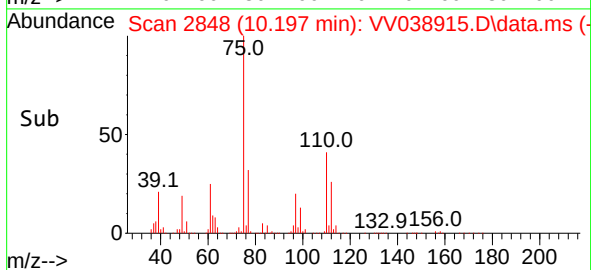
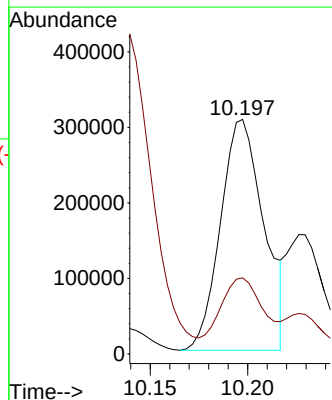
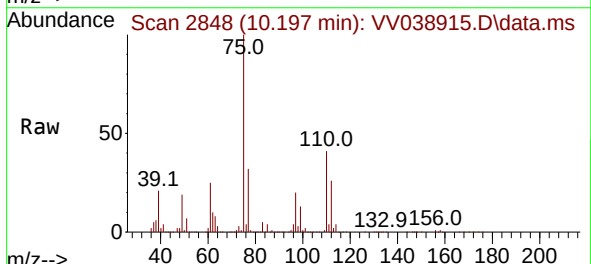
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDCCC050

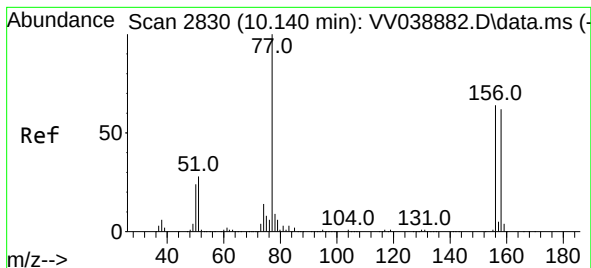
Tgt Ion: 83 Resp: 609798  
 Ion Ratio Lower Upper  
 83 100  
 131 10.0 5.1 15.4  
 85 64.7 32.6 97.7



#76  
 1,2,3-Trichloropropane  
 Concen: 47.797 ug/l  
 RT: 10.197 min Scan# 2848  
 Delta R.T. -0.000 min  
 Lab File: VV038915.D  
 Acq: 18 Jul 2025 11:58

Tgt Ion: 75 Resp: 473227  
 Ion Ratio Lower Upper  
 75 100  
 77 23.2 17.4 52.3





#77

Bromobenzene

Concen: 51.806 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. -0.000 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Instrument :

MSVOA\_V

ClientSampleId :

VSTDCCC050

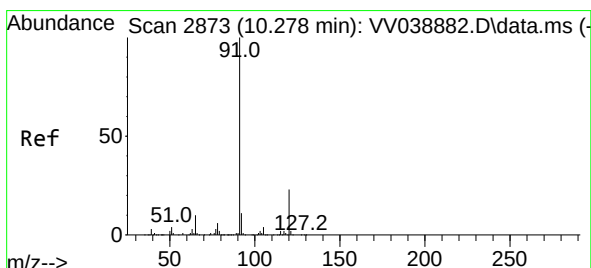
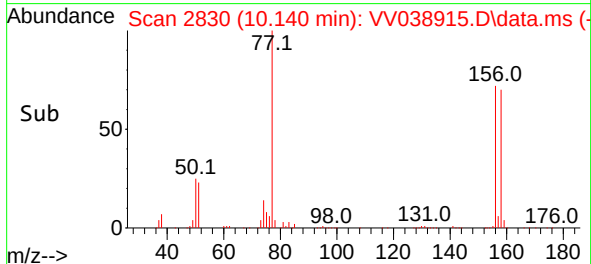
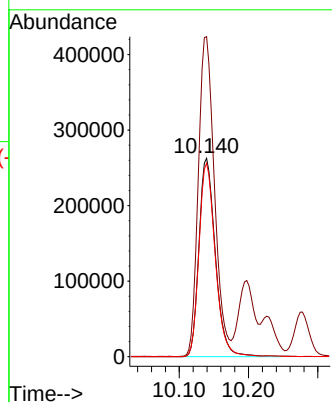
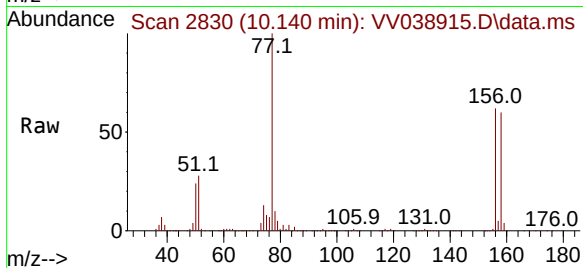
Tgt Ion:156 Resp: 432404

Ion Ratio Lower Upper

156 100

77 159.0 77.2 231.6

158 96.9 48.4 145.3



#78

n-propylbenzene

Concen: 58.587 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. -0.000 min

Lab File: VV038915.D

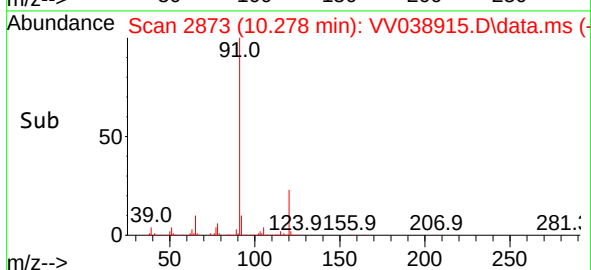
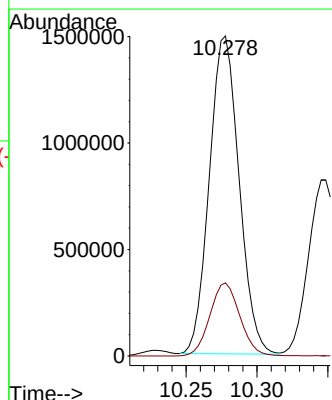
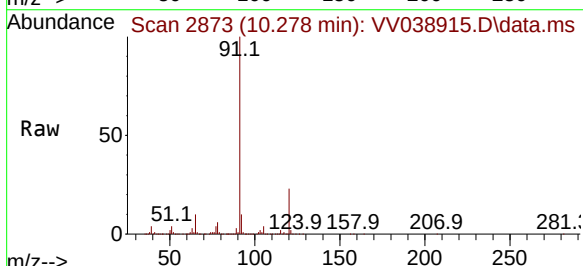
Acq: 18 Jul 2025 11:58

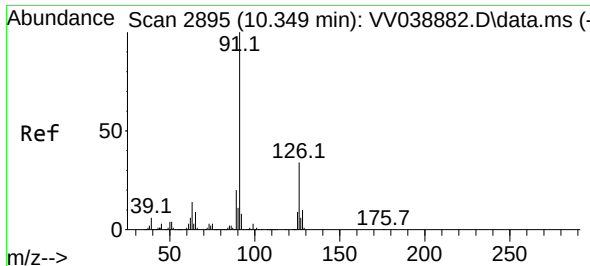
Tgt Ion: 91 Resp: 2178716

Ion Ratio Lower Upper

91 100

120 23.2 11.6 34.8

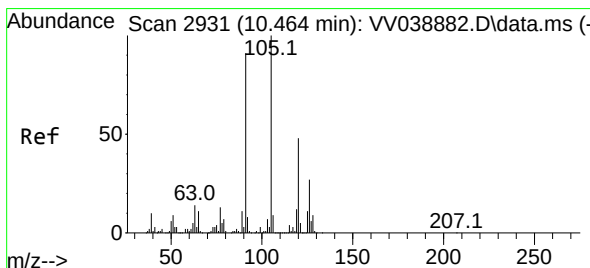
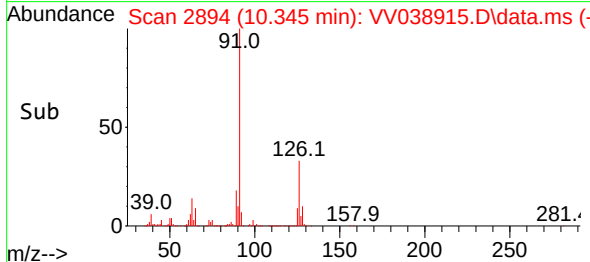
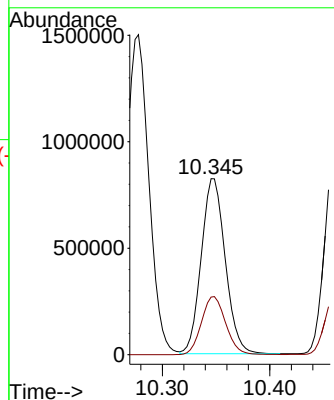
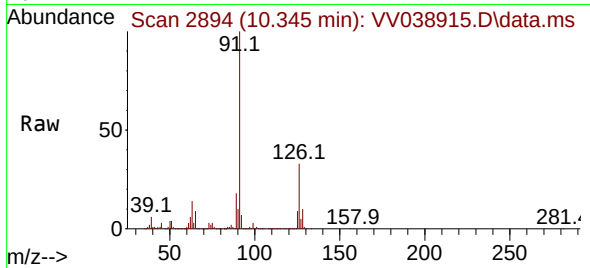




#79  
2-Chlorotoluene  
Concen: 53.961 ug/l  
RT: 10.345 min Scan# 2895  
Delta R.T. -0.003 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

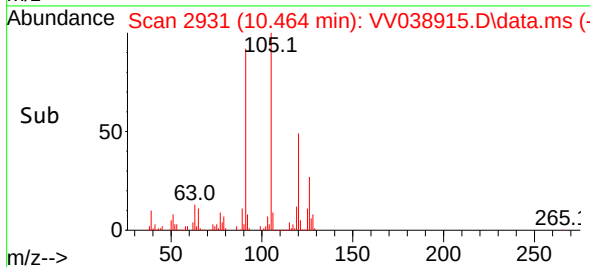
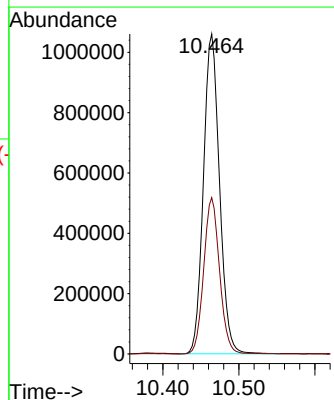
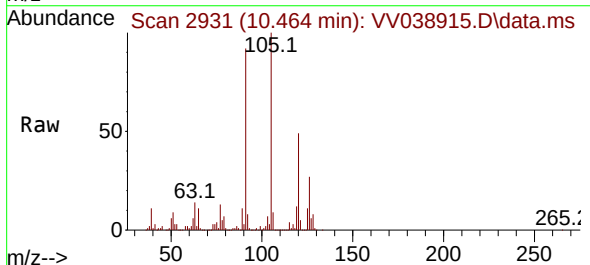
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

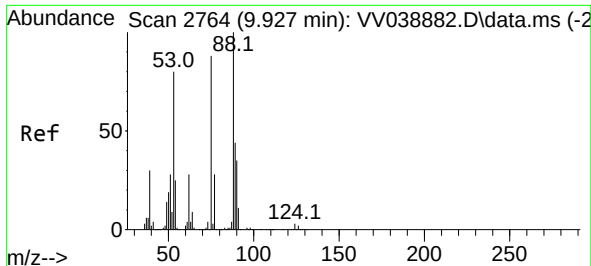
Tgt Ion: 91 Resp: 1276176  
Ion Ratio Lower Upper  
91 100  
126 33.5 17.1 51.2



#80  
1,3,5-Trimethylbenzene  
Concen: 58.065 ug/l  
RT: 10.464 min Scan# 2931  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

Tgt Ion: 105 Resp: 1558042  
Ion Ratio Lower Upper  
105 100  
120 48.2 24.0 72.0

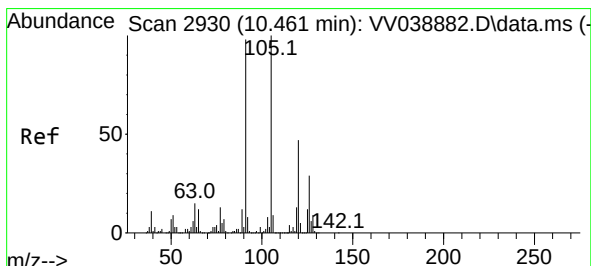
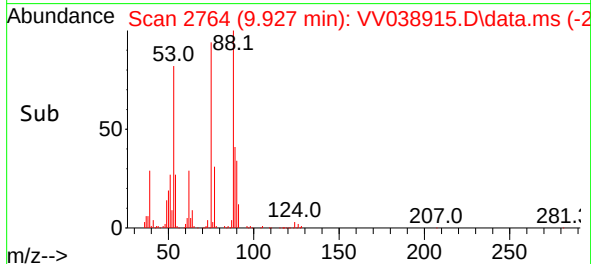
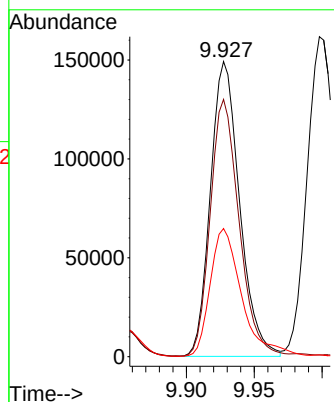
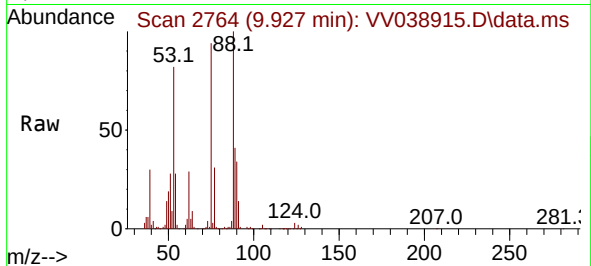




#81  
trans-1,4-Dichloro-2-butene  
Concen: 55.045 ug/l  
RT: 9.927 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

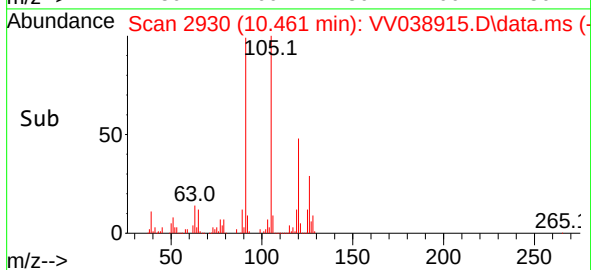
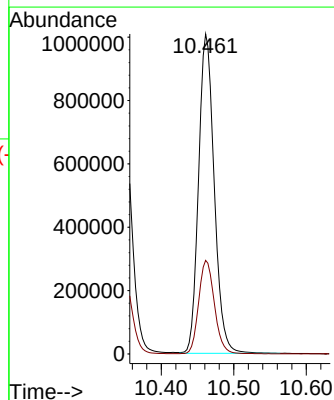
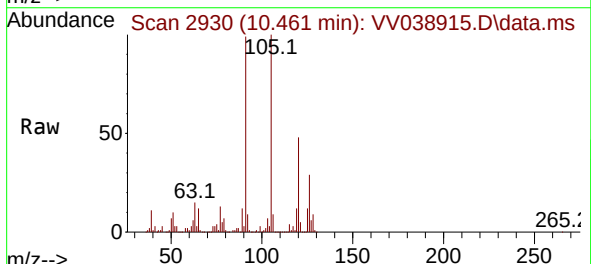
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

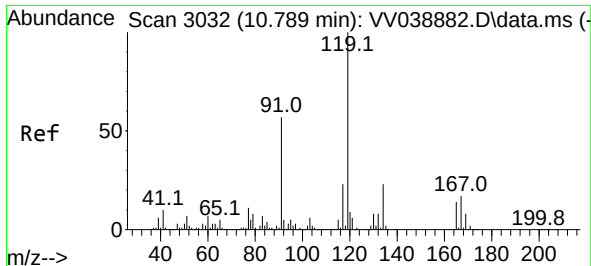
Tgt Ion: 75 Resp: 223327  
Ion Ratio Lower Upper  
75 100  
53 85.5 71.3 106.9  
89 47.0 42.2 63.2



#82  
4-Chlorotoluene  
Concen: 57.047 ug/l  
RT: 10.461 min Scan# 2930  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

Tgt Ion: 91 Resp: 1508137  
Ion Ratio Lower Upper  
91 100  
126 29.4 14.9 44.9

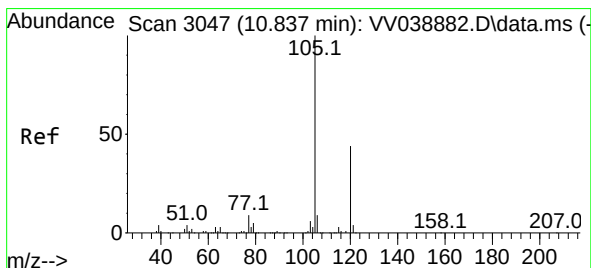
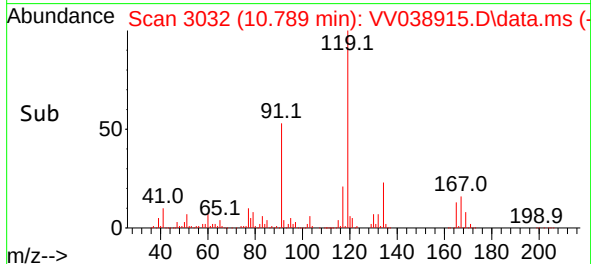
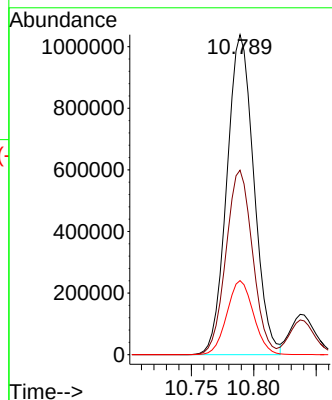
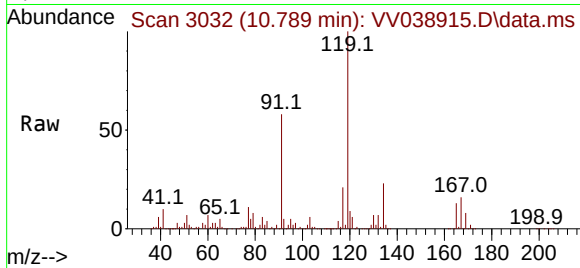




#83  
 tert-Butylbenzene  
 Concen: 55.682 ug/l  
 RT: 10.789 min Scan# 3032  
 Delta R.T. -0.000 min  
 Lab File: VV038915.D  
 Acq: 18 Jul 2025 11:58

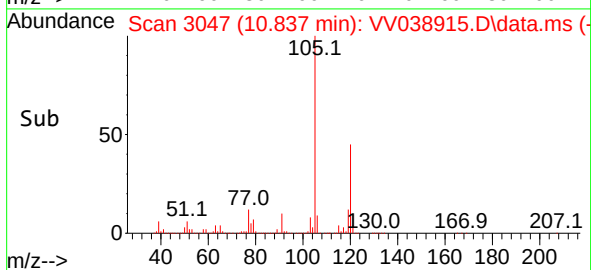
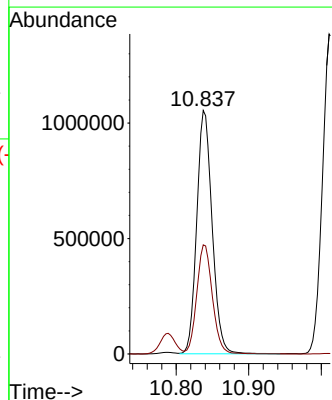
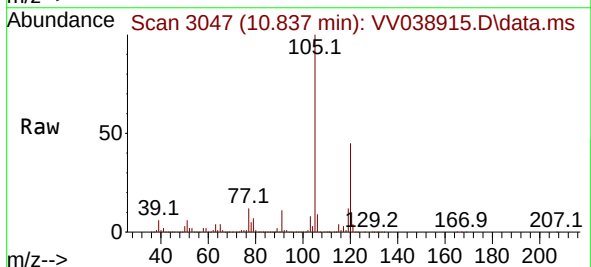
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDCCC050

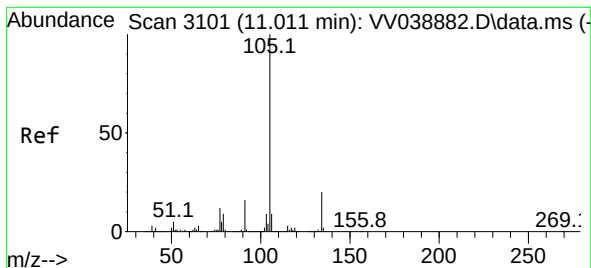
Tgt Ion:119 Resp: 1566460  
 Ion Ratio Lower Upper  
 119 100  
 91 56.8 28.1 84.2  
 134 22.8 11.4 34.1



#84  
 1,2,4-Trimethylbenzene  
 Concen: 58.757 ug/l  
 RT: 10.837 min Scan# 3047  
 Delta R.T. -0.000 min  
 Lab File: VV038915.D  
 Acq: 18 Jul 2025 11:58

Tgt Ion:105 Resp: 1551326  
 Ion Ratio Lower Upper  
 105 100  
 120 45.5 22.6 67.8





#85

sec-Butylbenzene

Concen: 56.993 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. -0.000 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Instrument :

MSVOA\_V

ClientSampleId :

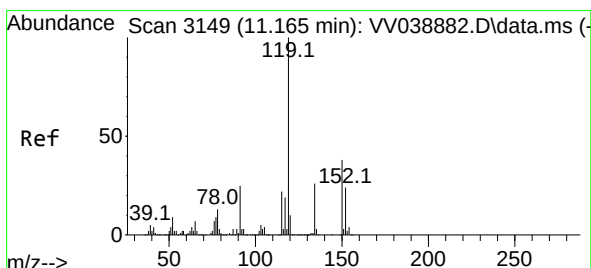
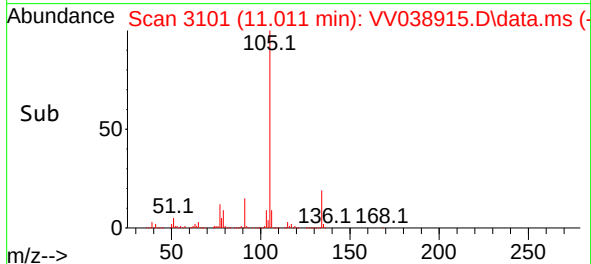
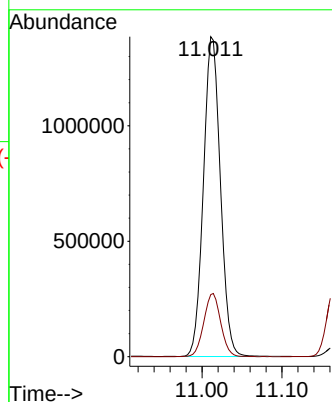
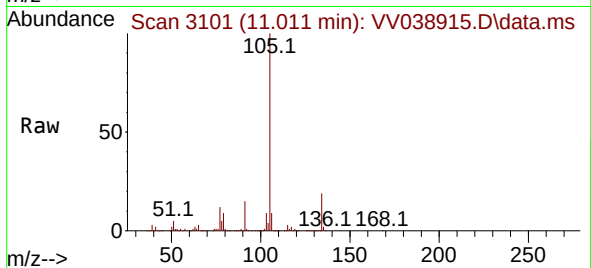
VSTDCCC050

Tgt Ion:105 Resp: 2046359

Ion Ratio Lower Upper

105 100

134 19.7 9.9 29.7



#86

p-Isopropyltoluene

Concen: 56.521 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

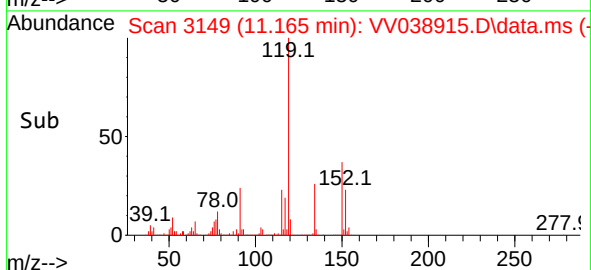
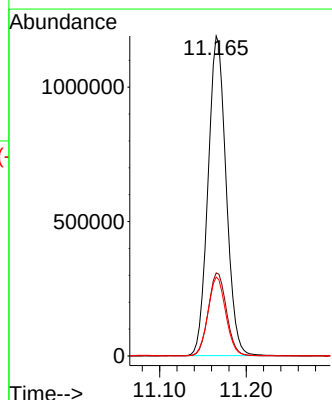
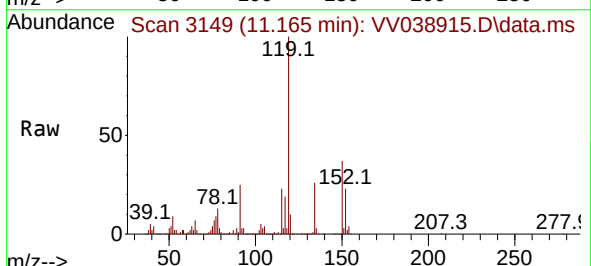
Tgt Ion:119 Resp: 1723002

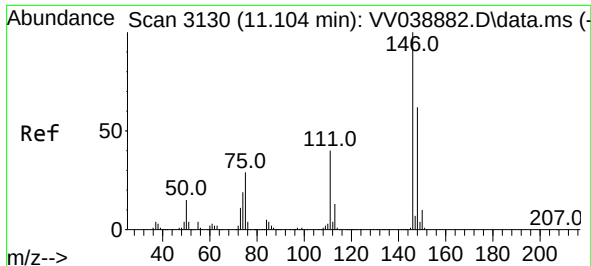
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 24.4 12.3 36.8

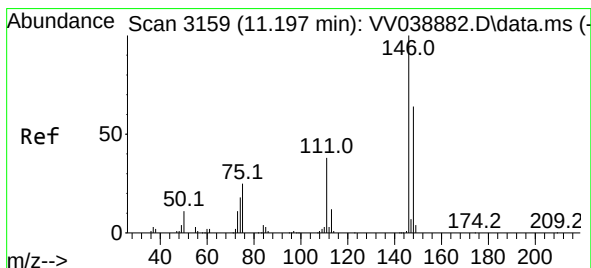
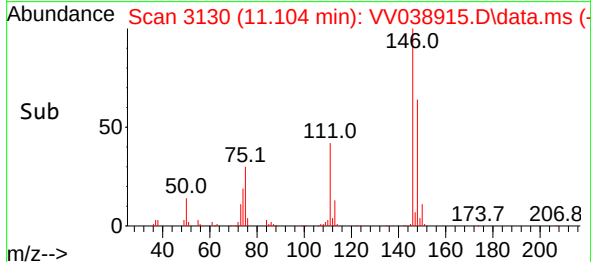
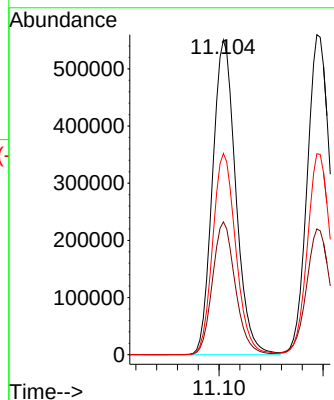
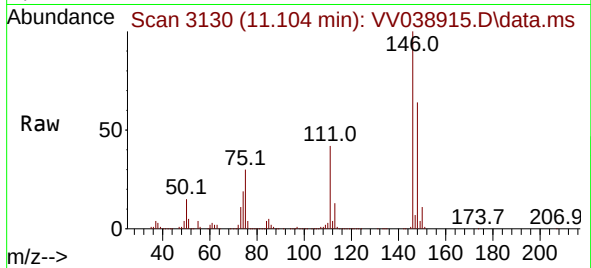




#87  
1,3-Dichlorobenzene  
Concen: 50.292 ug/l  
RT: 11.104 min Scan# 3130  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

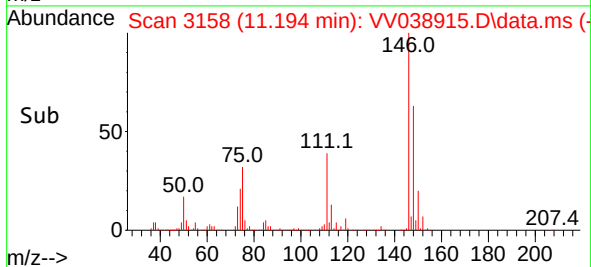
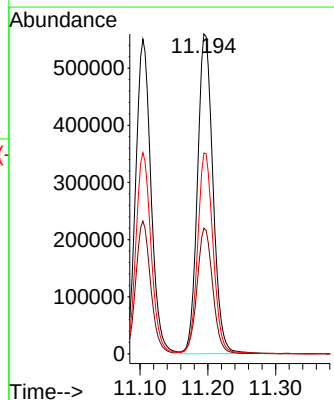
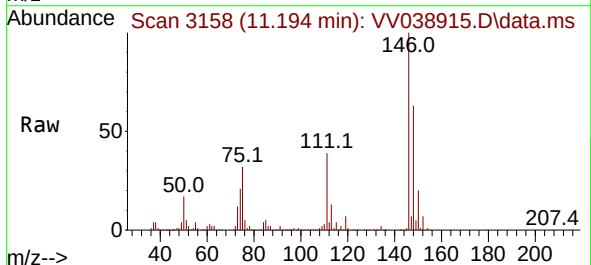
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

Tgt Ion:146 Resp: 856812  
Ion Ratio Lower Upper  
146 100  
111 41.4 20.2 60.5  
148 63.5 31.4 94.3

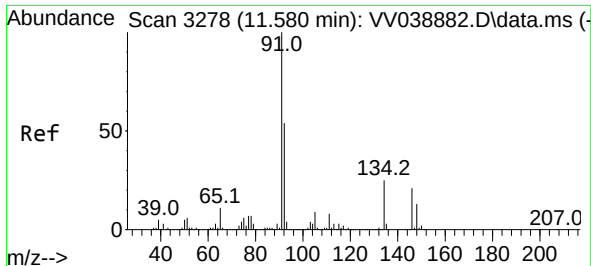


#88  
1,4-Dichlorobenzene  
Concen: 47.893 ug/l  
RT: 11.194 min Scan# 3158  
Delta R.T. -0.003 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

Tgt Ion:146 Resp: 887583  
Ion Ratio Lower Upper  
146 100  
111 39.9 19.8 59.3  
148 62.7 32.1 96.5







#89

n-Butylbenzene

Concen: 59.580 ug/l

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Instrument :

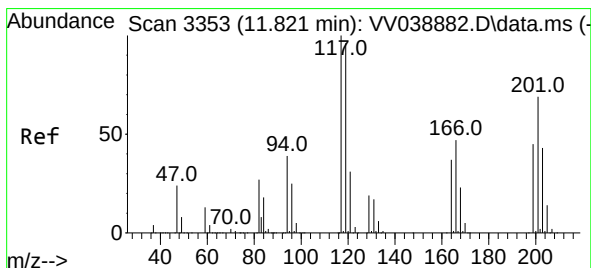
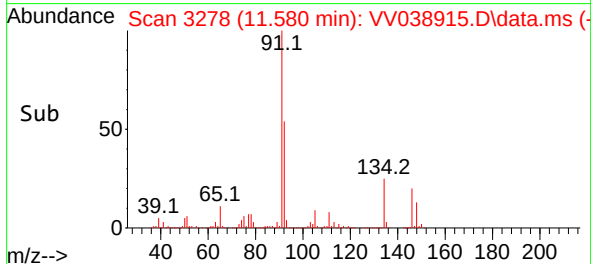
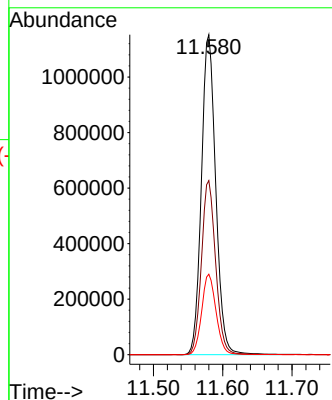
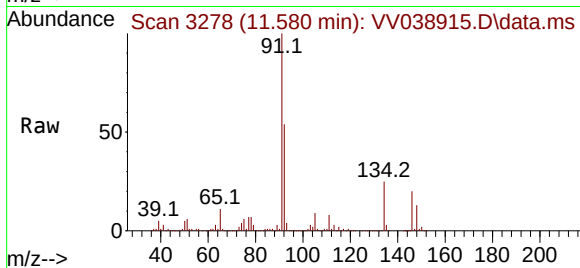
MSVOA\_V

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1658054

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 54.0  | 26.7  | 80.1  |
| 134 | 25.2  | 12.7  | 38.1  |



#90

Hexachloroethane

Concen: 46.015 ug/l

RT: 11.821 min Scan# 3353

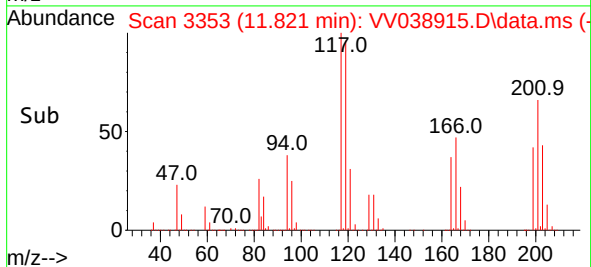
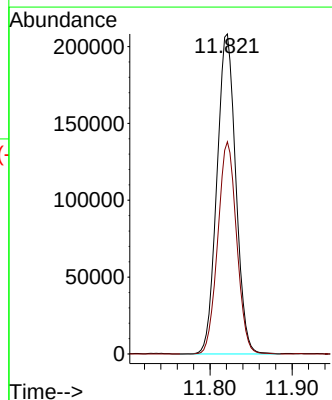
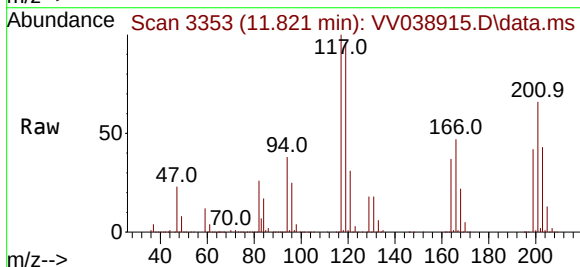
Delta R.T. -0.000 min

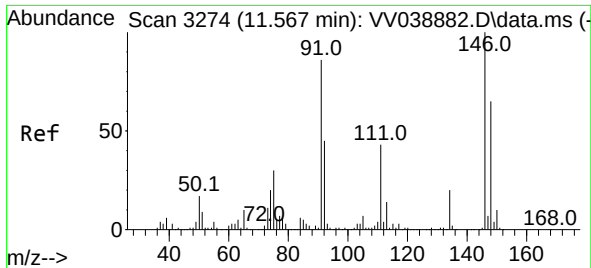
Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Tgt Ion: 117 Resp: 333637

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 66.1  | 34.0  | 102.0 |

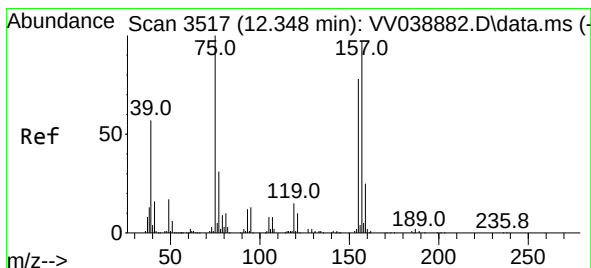
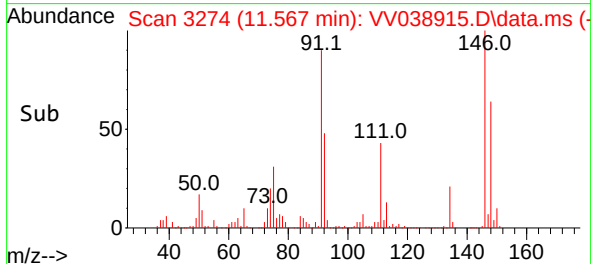
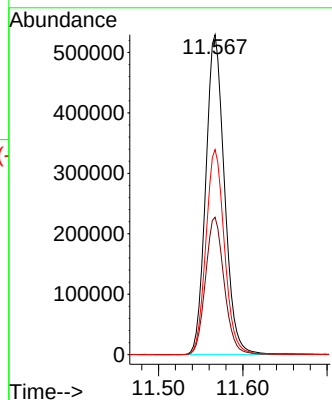
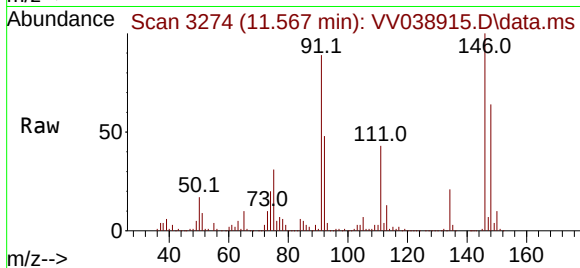




#91  
1,2-Dichlorobenzene  
Concen: 49.453 ug/l  
RT: 11.567 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

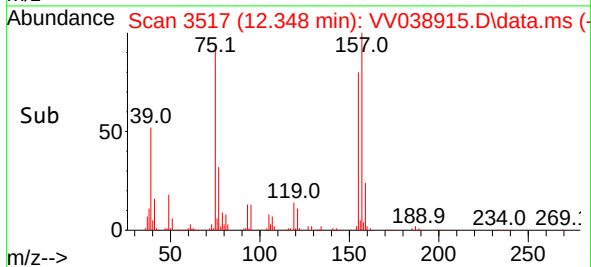
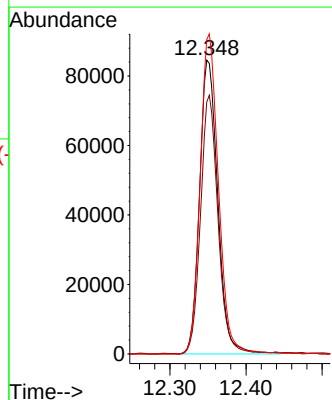
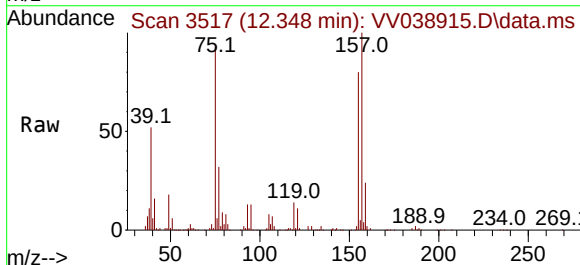
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

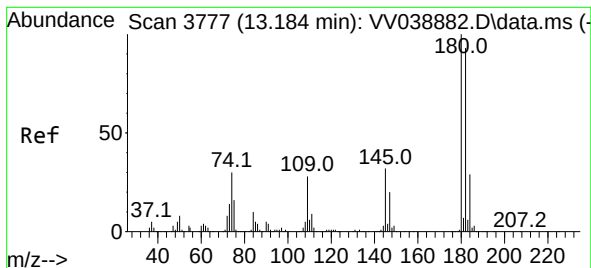
Tgt Ion:146 Resp: 817878  
Ion Ratio Lower Upper  
146 100  
111 43.1 21.4 64.3  
148 64.0 32.0 96.2



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 46.757 ug/l  
RT: 12.348 min Scan# 3517  
Delta R.T. -0.000 min  
Lab File: VV038915.D  
Acq: 18 Jul 2025 11:58

Tgt Ion: 75 Resp: 140887  
Ion Ratio Lower Upper  
75 100  
155 84.2 40.2 120.6  
157 109.0 51.1 153.3





#93

1,2,4-Trichlorobenzene

Concen: 56.816 ug/l

RT: 13.184 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Instrument :

MSVOA\_V

ClientSampleId :

VSTDCCC050

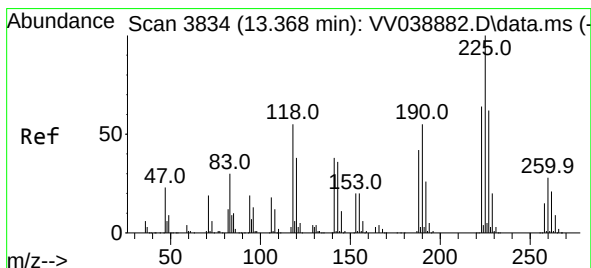
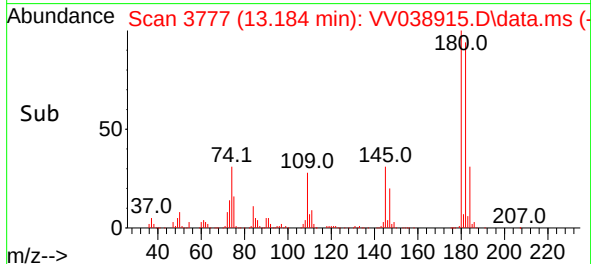
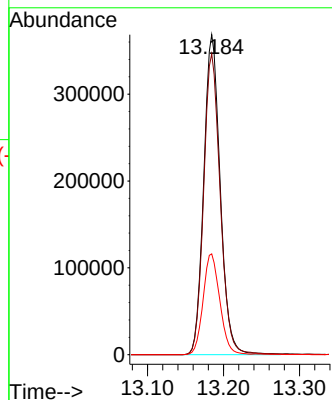
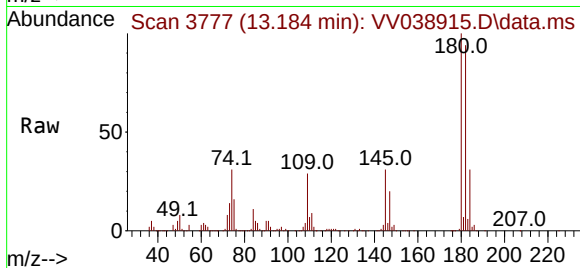
Tgt Ion:180 Resp: 554662

Ion Ratio Lower Upper

180 100

182 94.6 47.4 142.3

145 31.9 16.2 48.6



#94

Hexachlorobutadiene

Concen: 48.833 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

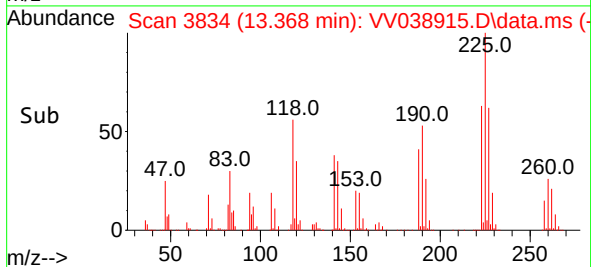
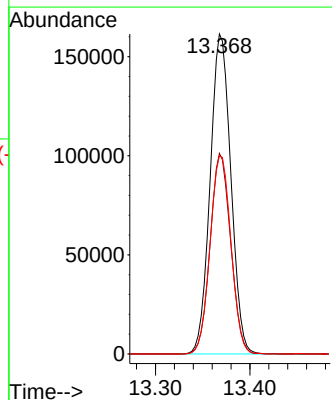
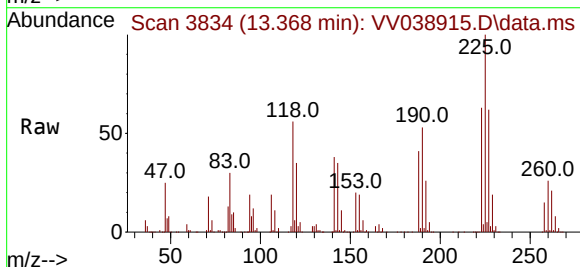
Tgt Ion:225 Resp: 245506

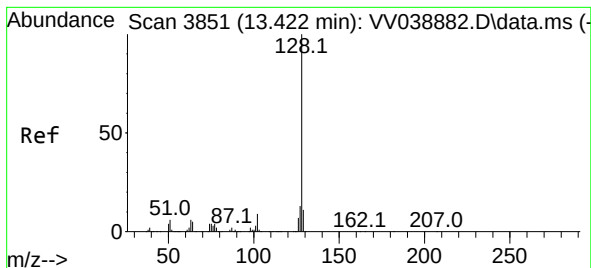
Ion Ratio Lower Upper

225 100

223 62.2 32.4 97.2

227 62.5 31.3 93.9





#95

Naphthalene

Concen: 60.399 ug/l

RT: 13.422 min Scan# 3851

Delta R.T. -0.000 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Instrument :

MSVOA\_V

ClientSampleId :

VSTDCCC050

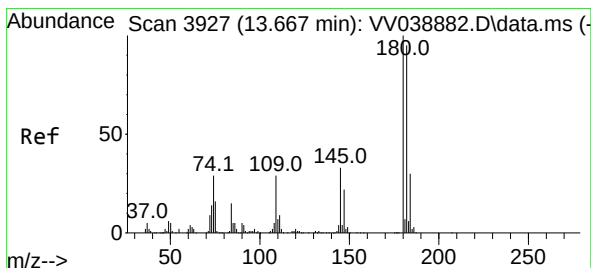
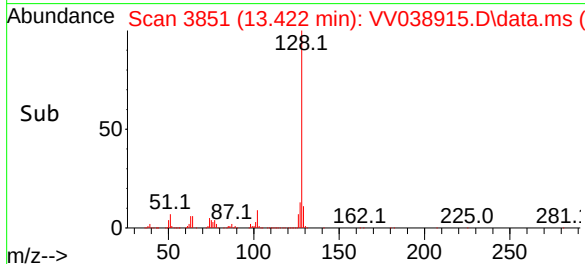
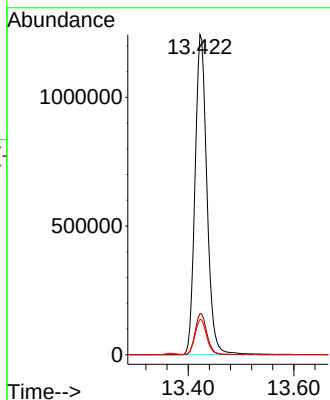
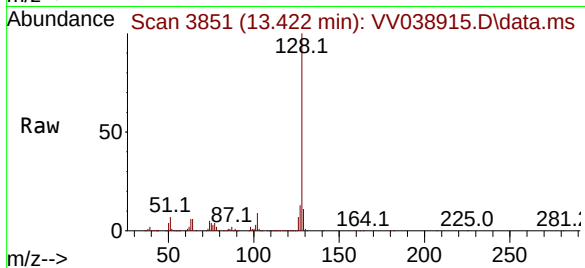
Tgt Ion:128 Resp: 1937306

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 54.963 ug/l

RT: 13.663 min Scan# 3926

Delta R.T. -0.003 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Tgt Ion:180 Resp: 556168

Ion Ratio Lower Upper

180 100

182 95.1 47.0 141.2

145 34.6 17.0 51.0

