

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD031424\  
 Data File : VD078665.D  
 Acq On : 14 Mar 2024 13:49  
 Operator : RP/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ml/MSVOA\_D/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Mar 15 05:47:59 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031424S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 15 05:38:03 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.881  | 168  | 141314   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.775  | 114  | 241957   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.581 | 117  | 226301   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.516 | 152  | 120558   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.228  | 65    | 65384    | 49.371   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 98.740%  |
| 35) Dibromofluoromethane    | 7.805  | 113   | 74881    | 48.067   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 96.140%  |
| 50) Toluene-d8              | 10.269 | 98    | 292197   | 51.001   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 102.000% |
| 62) 4-Bromofluorobenzene    | 12.575 | 95    | 85677    | 51.116   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =    | 102.240% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.934 | 85  | 65352  | 49.689  | ug/l   | 98  |
| 3) Chloromethane             | 2.146 | 50  | 107720 | 51.872  | ug/l   | 96  |
| 4) Vinyl Chloride            | 2.281 | 62  | 161062 | 52.576  | ug/l   | 95  |
| 5) Bromomethane              | 2.693 | 94  | 143166 | 48.810  | ug/l   | 96  |
| 6) Chloroethane              | 2.834 | 64  | 126103 | 52.784  | ug/l   | 96  |
| 7) Trichlorofluoromethane    | 3.175 | 101 | 116850 | 48.215  | ug/l   | 95  |
| 8) Diethyl Ether             | 3.593 | 74  | 35158  | 49.686  | ug/l   | 95  |
| 9) 1,1,2-Trichlorotrifluo... | 3.969 | 101 | 70659  | 46.456  | ug/l   | 96  |
| 10) Methyl Iodide            | 4.164 | 142 | 97464  | 54.172  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 5.063 | 59  | 16928  | 285.619 | ug/l # | 92  |
| 12) 1,1-Dichloroethene       | 3.946 | 96  | 69575  | 48.119  | ug/l # | 87  |
| 13) Acrolein                 | 3.793 | 56  | 18031  | 194.211 | ug/l   | 98  |
| 14) Allyl chloride           | 4.564 | 41  | 83515  | 51.765  | ug/l   | 98  |
| 15) Acrylonitrile            | 5.258 | 53  | 73488  | 257.628 | ug/l   | 96  |
| 16) Acetone                  | 4.022 | 43  | 65485  | 255.708 | ug/l   | 100 |
| 17) Carbon Disulfide         | 4.275 | 76  | 236729 | 49.943  | ug/l   | 100 |
| 18) Methyl Acetate           | 4.564 | 43  | 29776  | 54.178  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether  | 5.316 | 73  | 159090 | 54.560  | ug/l   | 98  |
| 20) Methylene Chloride       | 4.799 | 84  | 90756  | 52.195  | ug/l # | 92  |
| 21) trans-1,2-Dichloroethene | 5.311 | 96  | 88228  | 51.713  | ug/l   | 95  |
| 22) Diisopropyl ether        | 6.222 | 45  | 195554 | 53.313  | ug/l   | 96  |
| 23) Vinyl Acetate            | 6.158 | 43  | 578116 | 269.445 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 6.116 | 63  | 138803 | 50.472  | ug/l   | 98  |
| 25) 2-Butanone               | 7.075 | 43  | 84427  | 247.967 | ug/l   | 100 |
| 26) 2,2-Dichloropropane      | 7.081 | 77  | 117763 | 50.613  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 7.081 | 96  | 100757 | 51.779  | ug/l   | 99  |
| 28) Bromochloromethane       | 7.428 | 49  | 48177  | 49.138  | ug/l   | 98  |
| 29) Tetrahydrofuran          | 7.452 | 42  | 48582  | 262.340 | ug/l   | 98  |
| 30) Chloroform               | 7.599 | 83  | 152927 | 49.874  | ug/l   | 94  |
| 31) Cyclohexane              | 7.875 | 56  | 105373 | 47.338  | ug/l   | 98  |
| 32) 1,1,1-Trichloroethane    | 7.793 | 97  | 128227 | 49.289  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.010 | 75  | 112181 | 49.631  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.169 | 43  | 38430  | 52.044  | ug/l   | 95  |
| 38) Carbon Tetrachloride     | 7.993 | 117 | 115900 | 48.638  | ug/l   | 94  |
| 39) Methylcyclohexane        | 9.275 | 83  | 130687 | 49.842  | ug/l   | 98  |
| 40) Benzene                  | 8.252 | 78  | 343234 | 50.234  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD031424\  
 Data File : VD078665.D  
 Acq On : 14 Mar 2024 13:49  
 Operator : RP/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ml/MSVOA\_D/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Mar 15 05:47:59 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031424S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 15 05:38:03 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.399  | 41   | 22843    | 59.032   | ug/l   | 85       |
| 42) 1,2-Dichloroethane        | 8.328  | 62   | 86222    | 51.745   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.363  | 43   | 70055    | 52.168   | ug/l   | 97       |
| 44) Trichloroethene           | 9.028  | 130  | 91289    | 49.232   | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.304  | 63   | 81208    | 50.102   | ug/l   | 99       |
| 46) Dibromomethane            | 9.393  | 93   | 48090    | 49.495   | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.587  | 83   | 118338   | 51.162   | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.381  | 41   | 31520    | 48.172   | ug/l   | 94       |
| 49) 1,4-Dioxane               | 9.381  | 88   | 9259     | 1029.225 | ug/l   | 91       |
| 51) 4-Methyl-2-Pentanone      | 10.157 | 43   | 182760   | 260.323  | ug/l   | 99       |
| 52) Toluene                   | 10.334 | 92   | 228825   | 52.018   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.551 | 75   | 109197   | 51.635   | ug/l   | 94       |
| 54) cis-1,3-Dichloropropene   | 10.016 | 75   | 131929   | 51.893   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.734 | 97   | 65904    | 50.652   | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.599 | 69   | 71717    | 54.984   | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 10.881 | 76   | 109262   | 52.043   | ug/l   | 96       |
| 58) 2-Chloroethyl Vinyl ether | 9.869  | 63   | 137266   | 238.669  | ug/l   | 98       |
| 59) 2-Hexanone                | 10.916 | 43   | 137510   | 264.221  | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.075 | 129  | 82691    | 51.535   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.175 | 107  | 62876    | 49.935   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.810 | 164  | 75305    | 50.285   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.604 | 112  | 245140   | 51.838   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.681 | 131  | 89182    | 51.494   | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.681 | 91   | 430688   | 53.445   | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.793 | 106  | 345594   | 105.612  | ug/l   | 100      |
| 69) o-Xylene                  | 12.122 | 106  | 163553   | 54.020   | ug/l   | 99       |
| 70) Styrene                   | 12.134 | 104  | 282673   | 55.625   | ug/l   | 99       |
| 71) Bromoform                 | 12.298 | 173  | 47671    | 50.933   | ug/l # | 96       |
| 73) Isopropylbenzene          | 12.422 | 105  | 404952   | 51.017   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.234 | 43   | 67650    | 52.493   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.669 | 83   | 72611    | 49.415   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.722 | 75   | 86423    | 93.045   | ug/l # | 100      |
| 77) Bromobenzene              | 12.698 | 156  | 102320   | 51.979   | ug/l   | 98       |
| 78) n-propylbenzene           | 12.763 | 91   | 503307   | 52.092   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.851 | 91   | 272334   | 51.380   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.904 | 105  | 341238   | 51.987   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.469 | 75   | 23313    | 52.612   | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 12.945 | 91   | 284632   | 50.771   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.163 | 119  | 298755   | 52.785   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.210 | 105  | 350613   | 53.003   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.345 | 105  | 442471   | 51.660   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.457 | 119  | 384854   | 52.487   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.457 | 146  | 212126   | 51.065   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.540 | 146  | 210494   | 51.416   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.787 | 91   | 347898   | 52.537   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.051 | 117  | 73658    | 48.549   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.828 | 146  | 181669   | 50.778   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.451 | 75   | 10240    | 52.094   | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 15.098 | 180  | 108932   | 52.171   | ug/l   | 95       |
| 94) Hexachlorobutadiene       | 15.204 | 225  | 57616    | 50.970   | ug/l   | 100      |
| 95) Naphthalene               | 15.328 | 128  | 196817   | 54.216   | ug/l   | 97       |
| 96) 1,2,3-Trichlorobenzene    | 15.522 | 180  | 94725    | 52.439   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD031424\  
Data File : VD078665.D  
Acq On : 14 Mar 2024 13:49  
Operator : RP/MD  
Sample : VSTDCCC050  
Misc : 5.00G/5ml/MSVOA\_D/SOIL  
ALS Vial : 11 Sample Multiplier: 1

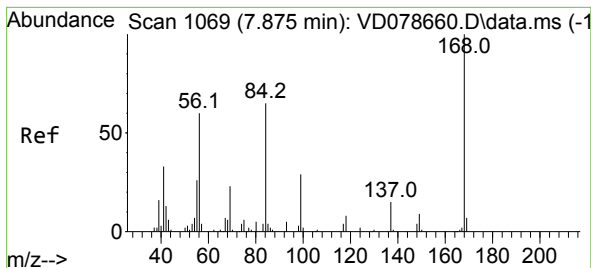
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Quant Time: Mar 15 05:47:59 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031424S.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 15 05:38:03 2024  
Response via : Initial Calibration

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

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD078665.D

Acq: 14 Mar 2024 13:49

Instrument :

MSVOA\_D

ClientSampleId :

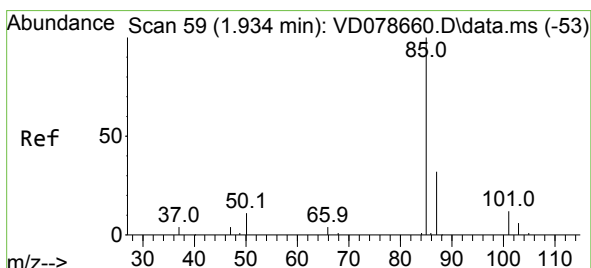
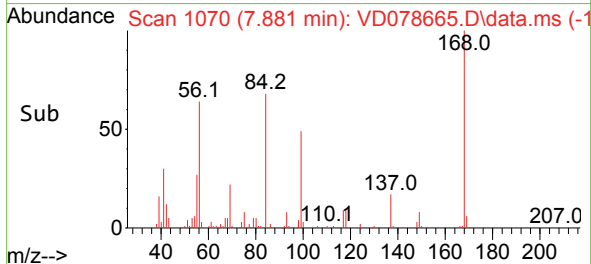
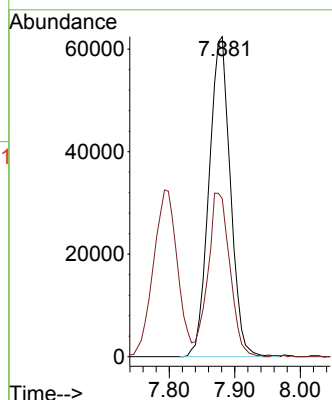
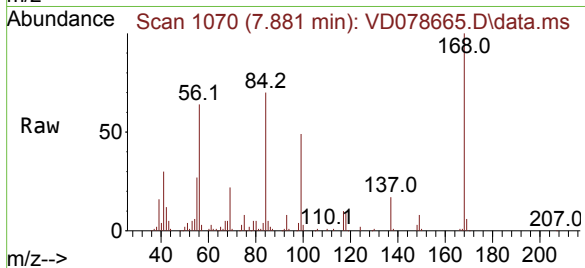
VSTDCCC050

Tgt Ion:168 Resp: 141314

Ion Ratio Lower Upper

168 100

99 49.0 38.8 58.2



#2

Dichlorodifluoromethane

Concen: 49.689 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD078665.D

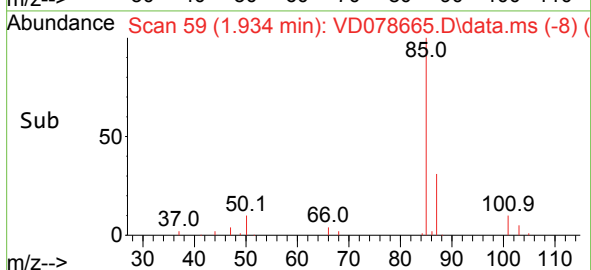
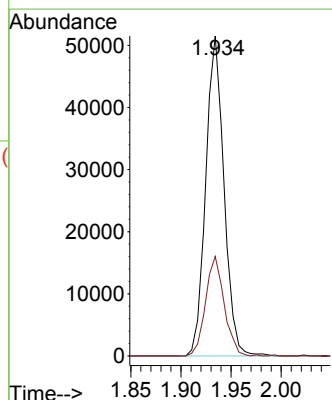
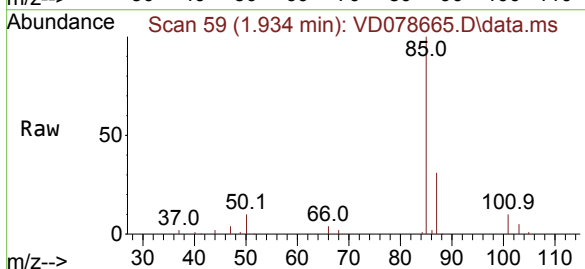
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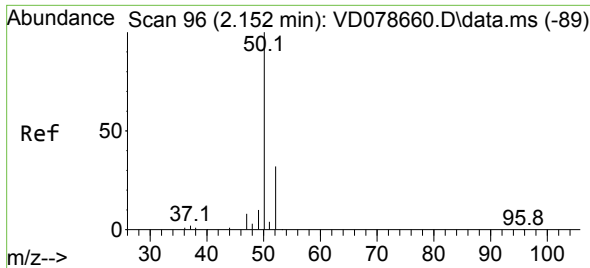
Tgt Ion: 85 Resp: 65352

Ion Ratio Lower Upper

85 100

87 31.1 16.2 48.5

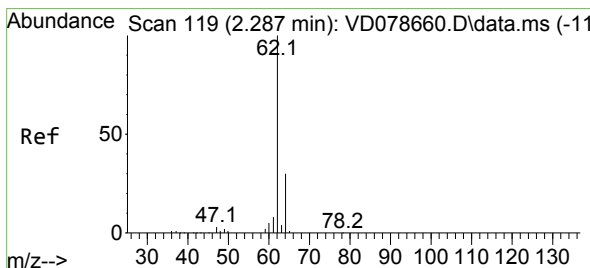
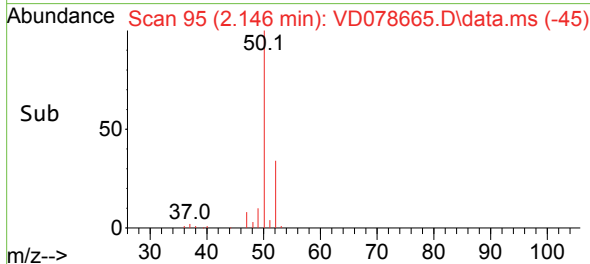
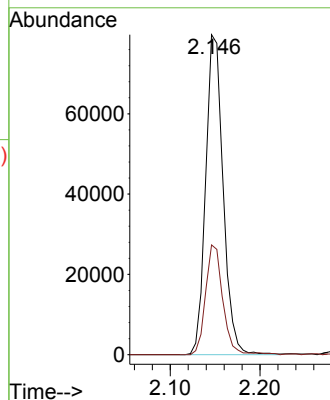
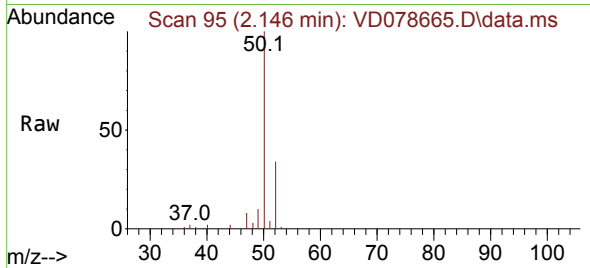




#3  
Chloromethane  
Concen: 51.872 ug/l  
RT: 2.146 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

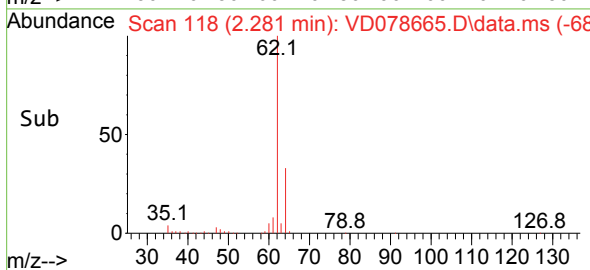
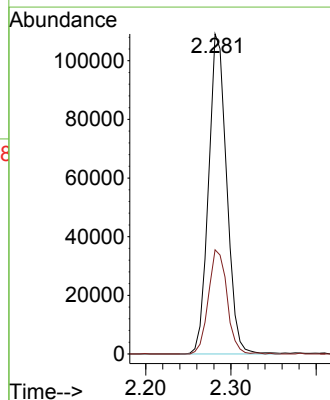
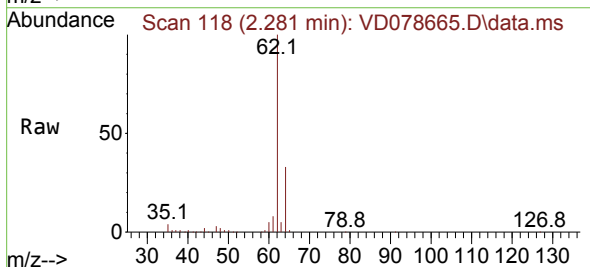
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

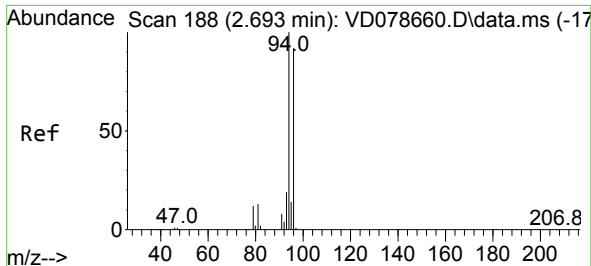
Tgt Ion: 50 Resp: 107720  
Ion Ratio Lower Upper  
50 100  
52 34.3 25.6 38.4



#4  
Vinyl Chloride  
Concen: 52.576 ug/l  
RT: 2.281 min Scan# 118  
Delta R.T. -0.006 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

Tgt Ion: 62 Resp: 161062  
Ion Ratio Lower Upper  
62 100  
64 32.5 23.7 35.5

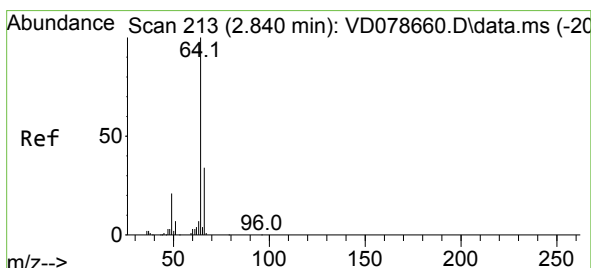
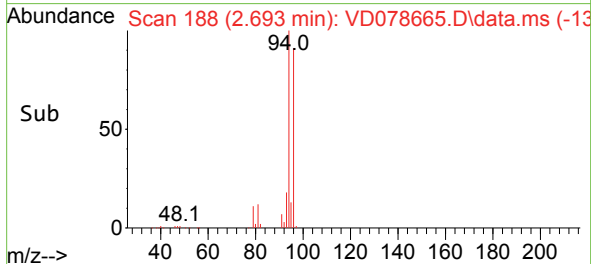
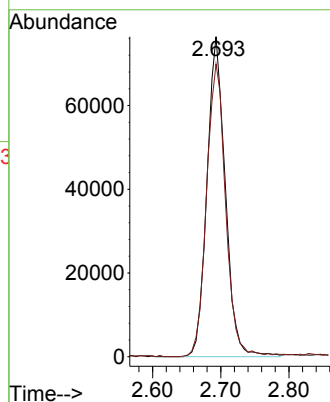
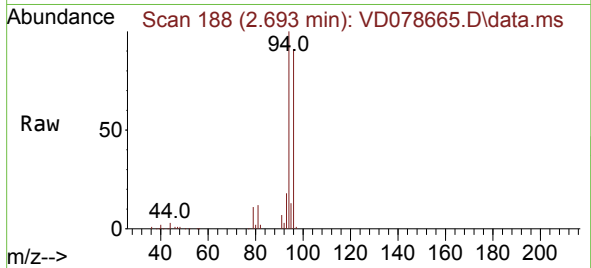




#5  
Bromomethane  
Concen: 48.810 ug/l  
RT: 2.693 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

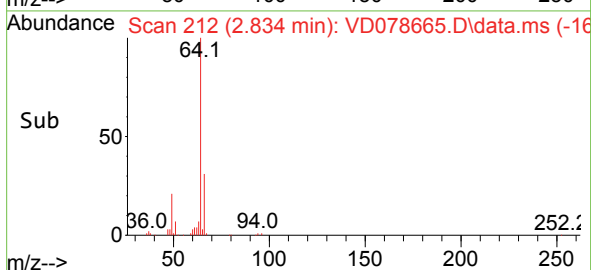
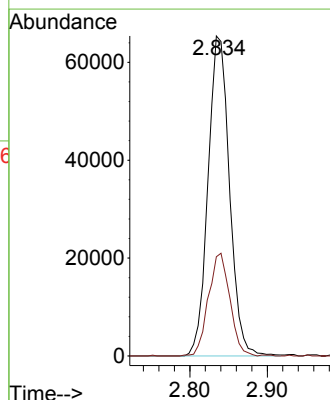
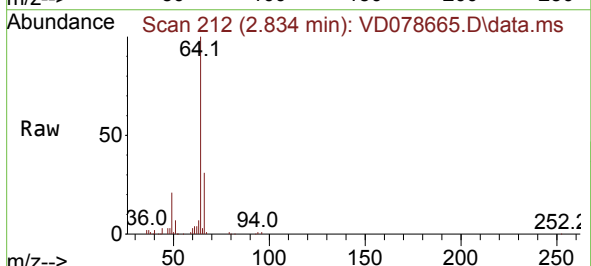
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

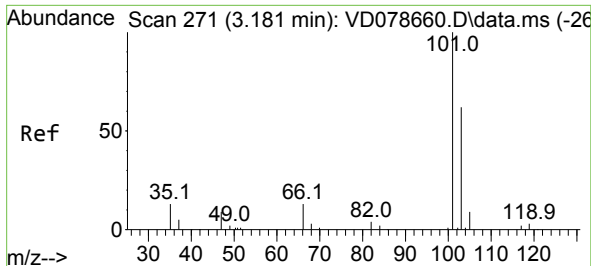
Tgt Ion: 94 Resp: 143166  
Ion Ratio Lower Upper  
94 100  
96 95.4 73.5 110.3



#6  
Chloroethane  
Concen: 52.784 ug/l  
RT: 2.834 min Scan# 212  
Delta R.T. -0.006 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

Tgt Ion: 64 Resp: 126103  
Ion Ratio Lower Upper  
64 100  
66 31.0 26.8 40.2

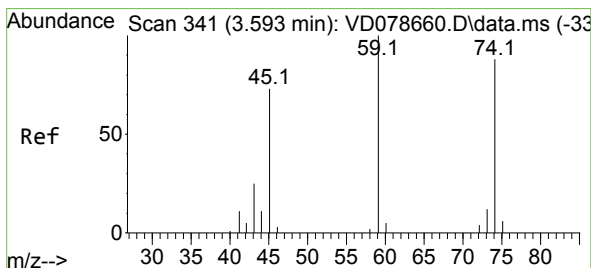
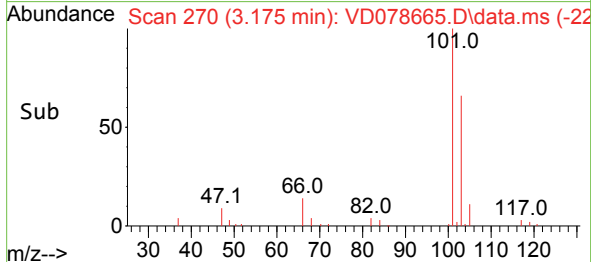
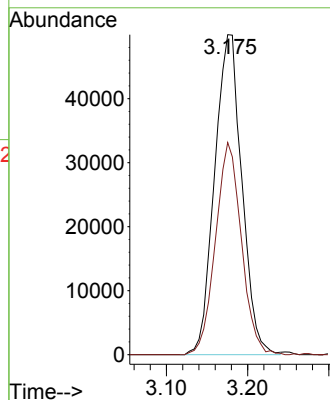
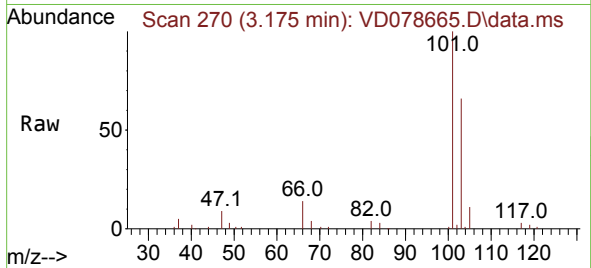




#7  
Trichlorofluoromethane  
Concen: 48.215 ug/l  
RT: 3.175 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

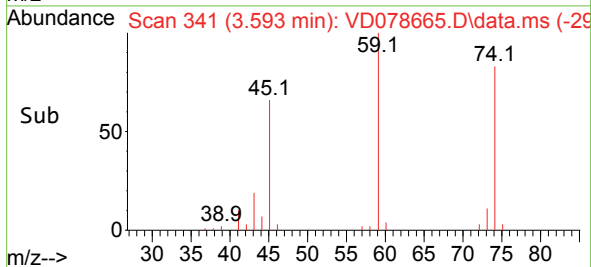
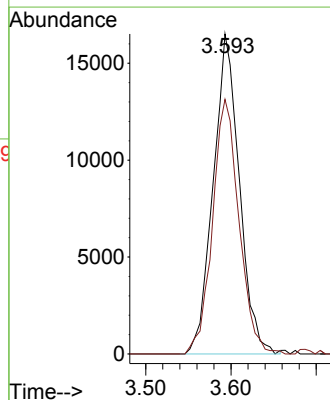
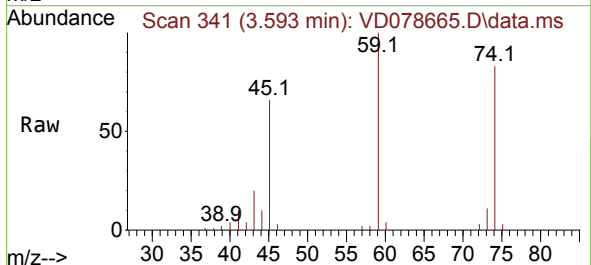
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

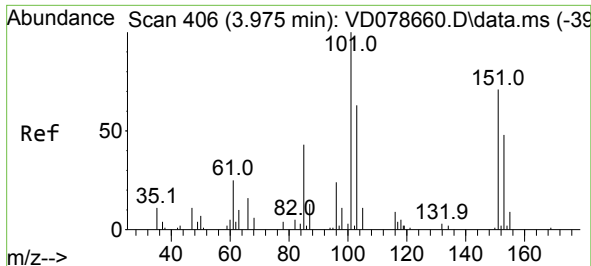
Tgt Ion:101 Resp: 116850  
Ion Ratio Lower Upper  
101 100  
103 66.3 49.7 74.5



#8  
Diethyl Ether  
Concen: 49.686 ug/l  
RT: 3.593 min Scan# 341  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

Tgt Ion: 74 Resp: 35158  
Ion Ratio Lower Upper  
74 100  
45 80.6 42.4 127.3

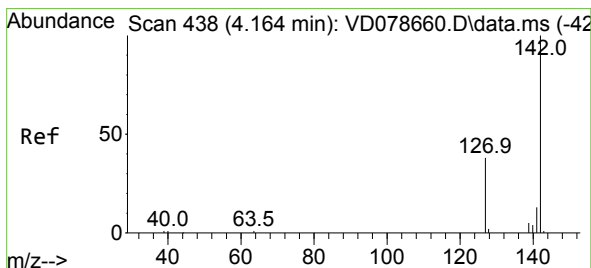
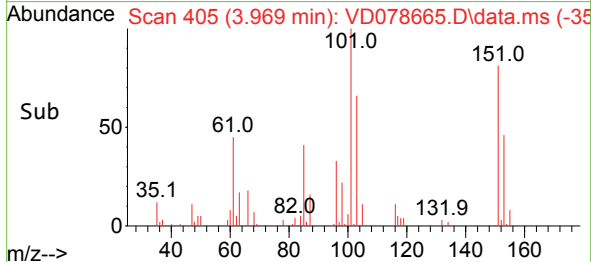
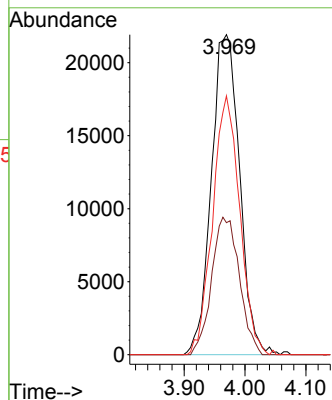
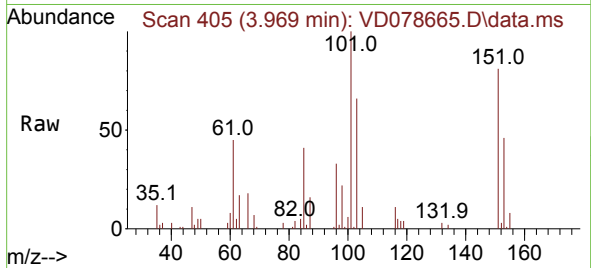




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 46.456 ug/l  
RT: 3.969 min Scan# 405  
Delta R.T. -0.006 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

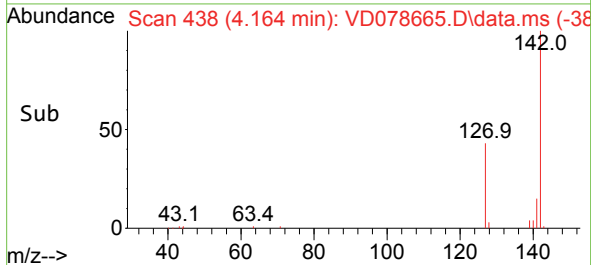
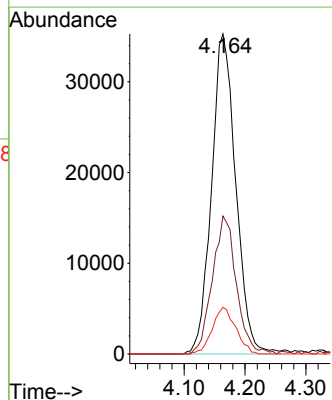
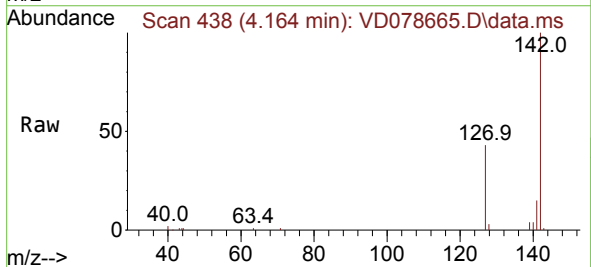
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

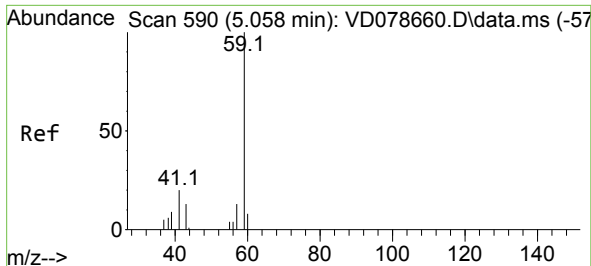
Tgt Ion:101 Resp: 70659  
Ion Ratio Lower Upper  
101 100  
85 42.2 35.8 53.6  
151 77.5 59.4 89.2



#10  
Methyl Iodide  
Concen: 54.172 ug/l  
RT: 4.164 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

Tgt Ion:142 Resp: 97464  
Ion Ratio Lower Upper  
142 100  
127 42.6 33.5 50.3  
141 14.2 11.7 17.5

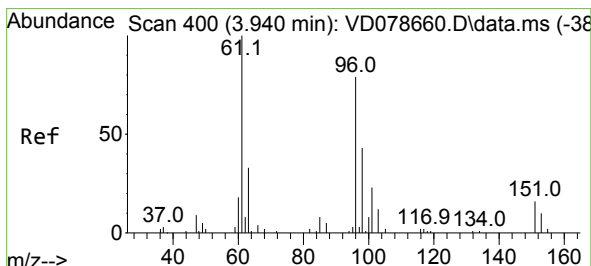
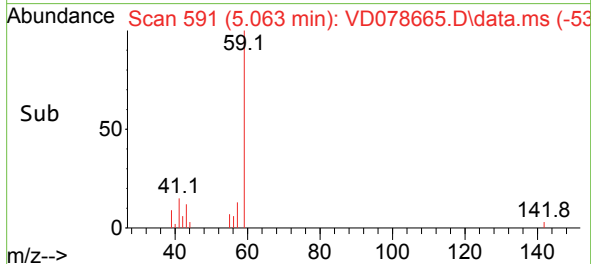
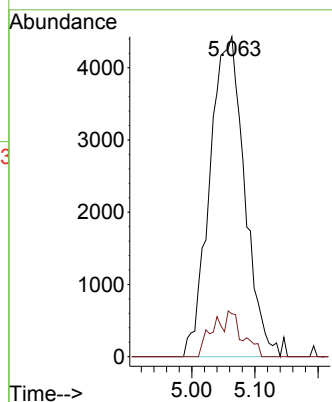
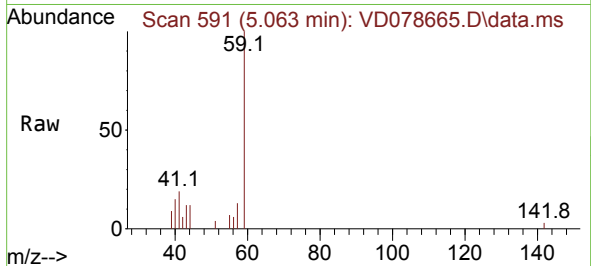




#11  
Tert butyl alcohol  
Concen: 285.619 ug/l  
RT: 5.063 min Scan# 591  
Delta R.T. 0.006 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

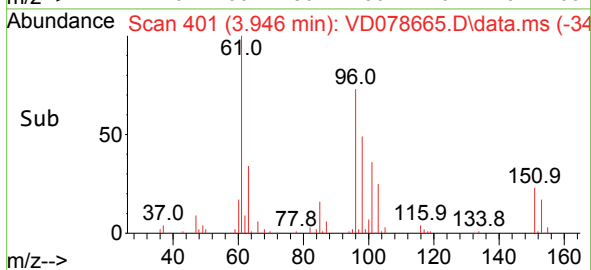
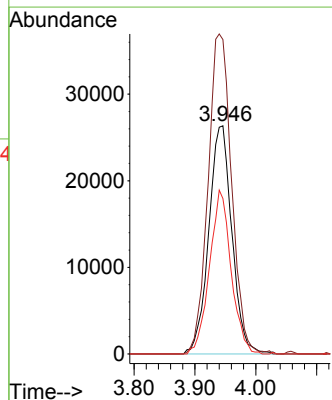
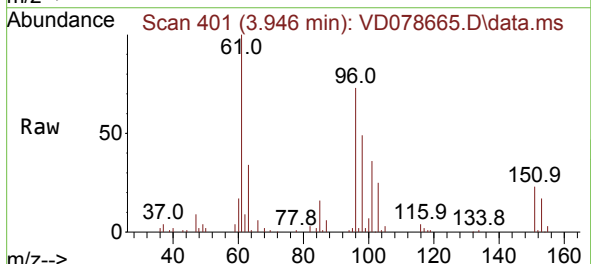
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

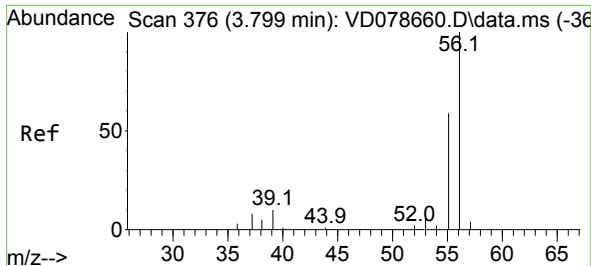
Tgt Ion: 59 Resp: 16928  
Ion Ratio Lower Upper  
59 100  
57 6.5 7.4 11.0#



#12  
1,1-Dichloroethene  
Concen: 48.119 ug/l  
RT: 3.946 min Scan# 401  
Delta R.T. 0.006 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

Tgt Ion: 96 Resp: 69575  
Ion Ratio Lower Upper  
96 100  
61 137.8 101.4 152.0  
98 68.1 43.4 65.0#





#13

Acrolein

Concen: 194.211 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078665.D

Acq: 14 Mar 2024 13:49

Instrument :

MSVOA\_D

ClientSampleId :

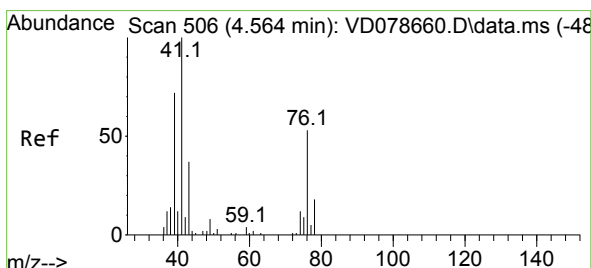
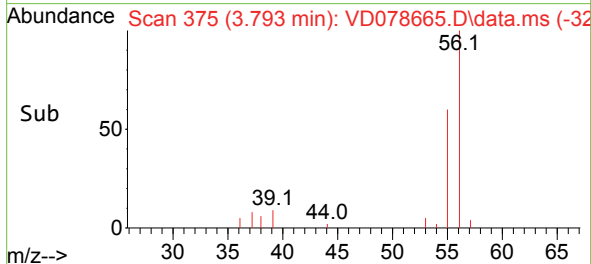
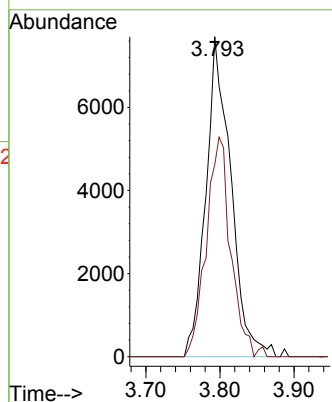
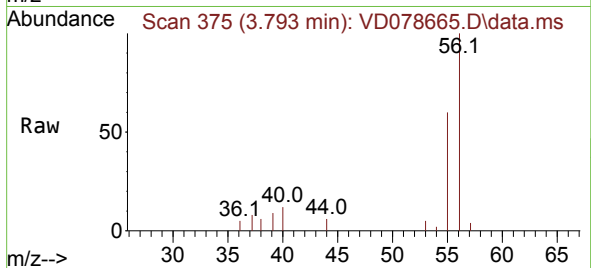
VSTDCCC050

Tgt Ion: 56 Resp: 18031

Ion Ratio Lower Upper

56 100

55 67.0 54.9 82.3



#14

Allyl chloride

Concen: 51.765 ug/l

RT: 4.564 min Scan# 506

Delta R.T. -0.000 min

Lab File: VD078665.D

Acq: 14 Mar 2024 13:49

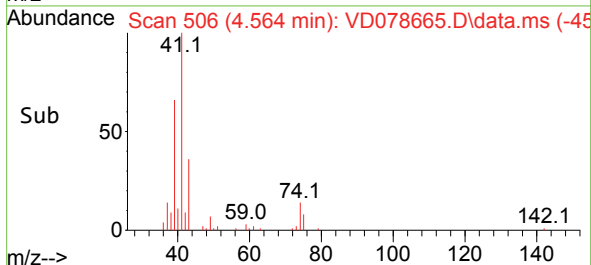
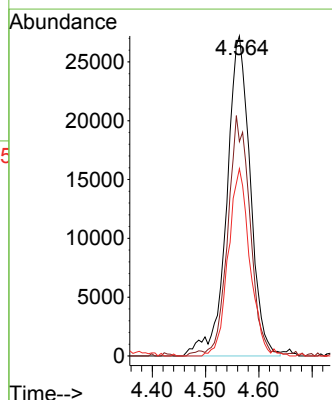
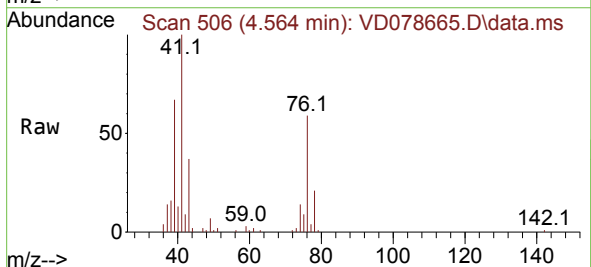
Tgt Ion: 41 Resp: 83515

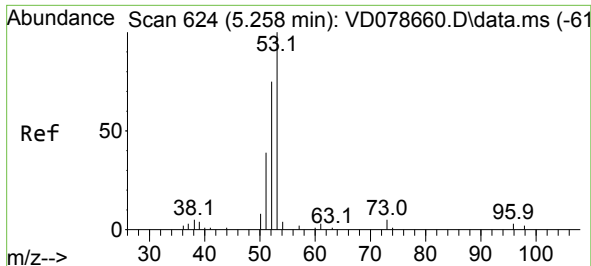
Ion Ratio Lower Upper

41 100

39 71.4 57.8 86.6

76 53.3 44.8 67.2

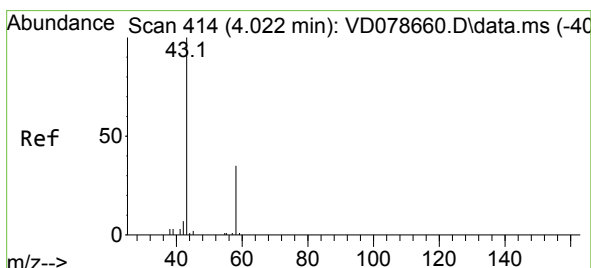
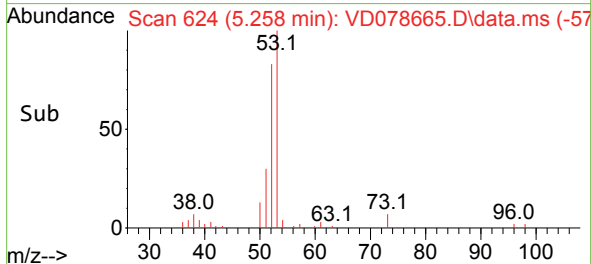
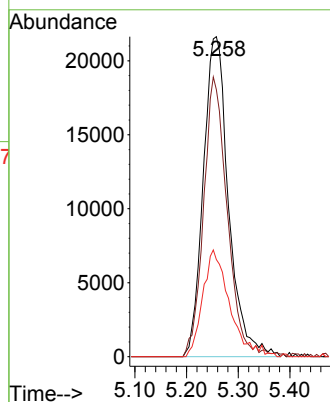
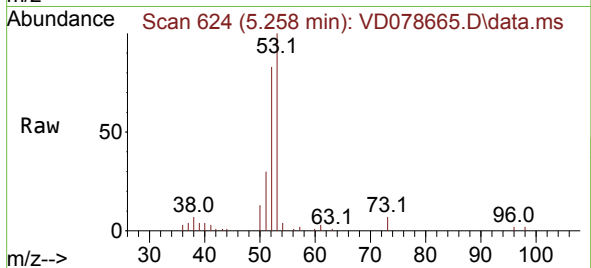




#15  
Acrylonitrile  
Concen: 257.628 ug/l  
RT: 5.258 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

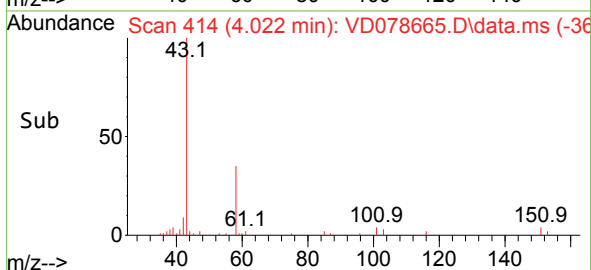
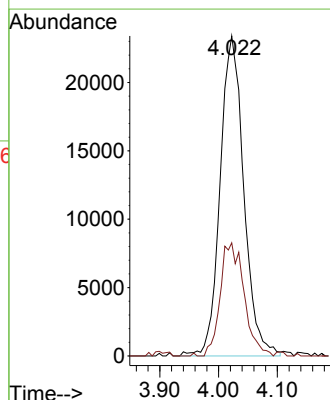
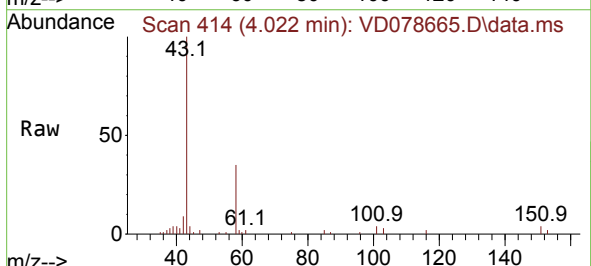
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

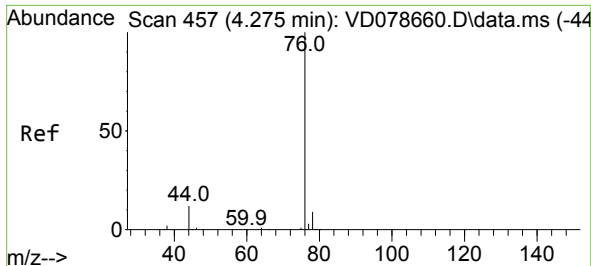
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 73488 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 82.1  | 61.9  | 92.9  |
| 51       | 35.5  | 29.0  | 43.4  |



#16  
Acetone  
Concen: 255.708 ug/l  
RT: 4.022 min Scan# 414  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 65485 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 35.3  | 28.2  | 42.4  |





#17

Carbon Disulfide

Concen: 49.943 ug/l

RT: 4.275 min Scan# 4

Delta R.T. -0.000 min

Lab File: VD078665.D

Acq: 14 Mar 2024 13:49

Instrument :

MSVOA\_D

ClientSampleId :

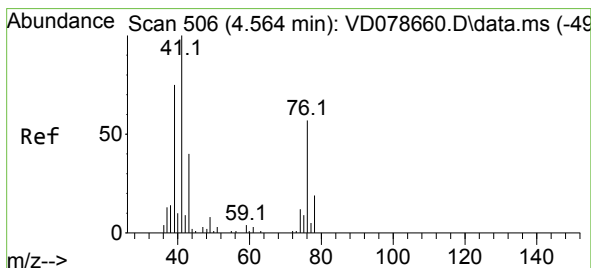
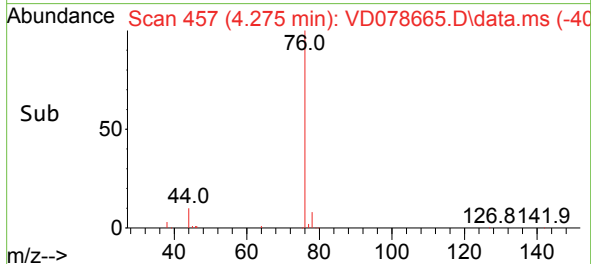
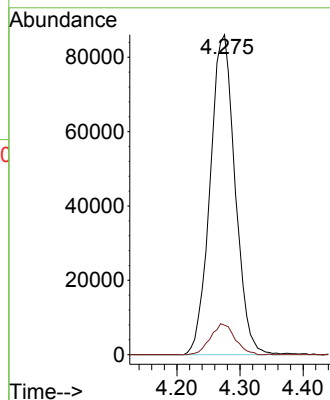
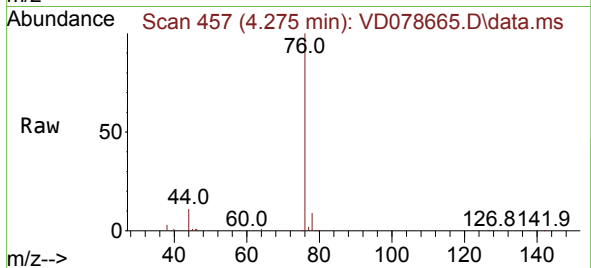
VSTDCCC050

Tgt Ion: 76 Resp: 236729

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



#18

Methyl Acetate

Concen: 54.178 ug/l

RT: 4.564 min Scan# 506

Delta R.T. -0.000 min

Lab File: VD078665.D

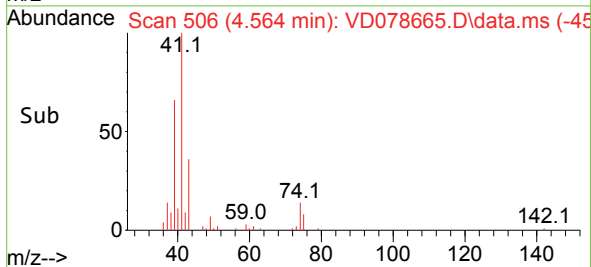
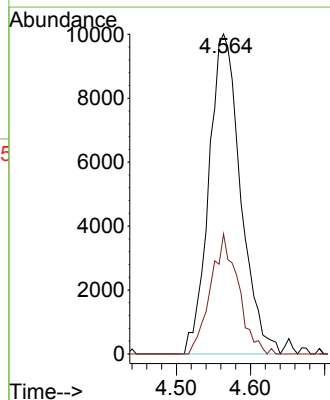
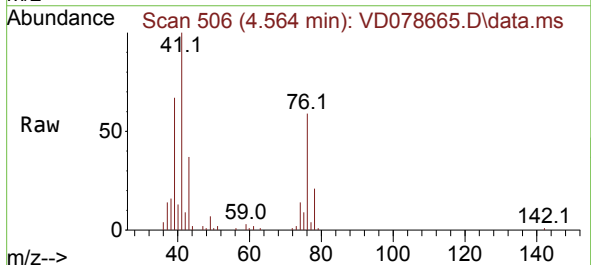
Acq: 14 Mar 2024 13:49

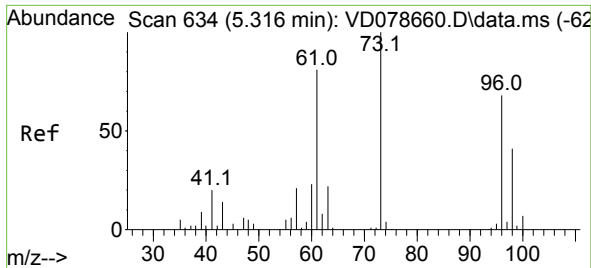
Tgt Ion: 43 Resp: 29776

Ion Ratio Lower Upper

43 100

74 32.7 25.3 37.9

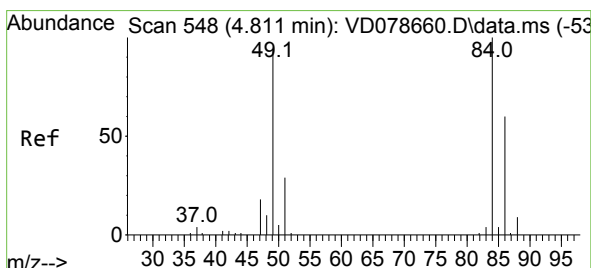
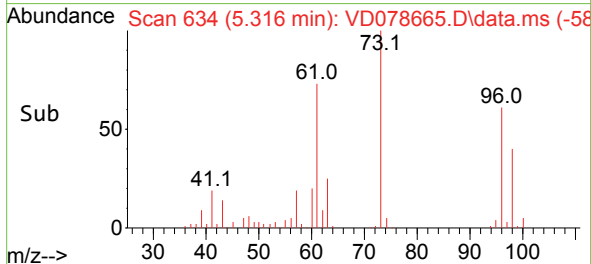
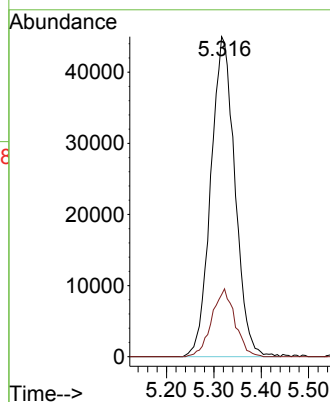
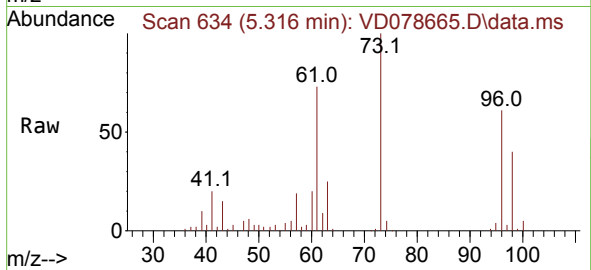




#19  
Methyl tert-butyl Ether  
Concen: 54.560 ug/l  
RT: 5.316 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

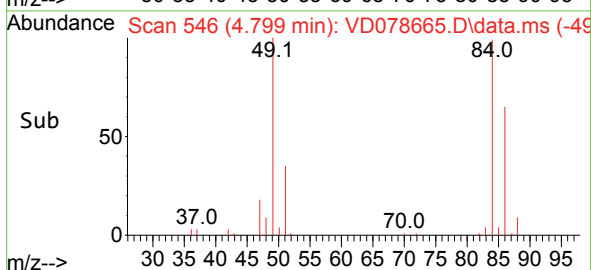
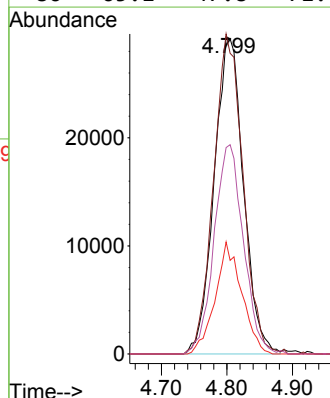
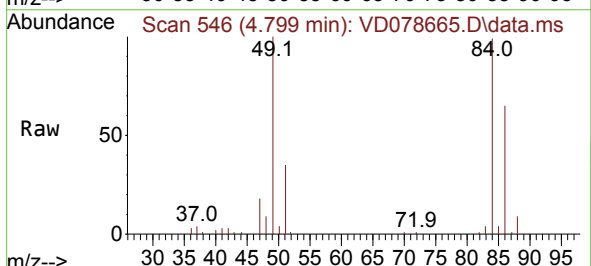
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MSVOA\_D  
ClientSampleId :  
VSTDCCC050

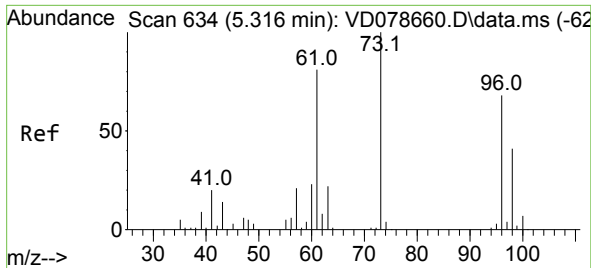
Tgt Ion: 73 Resp: 159090  
Ion Ratio Lower Upper  
73 100  
57 19.4 16.4 24.6



#20  
Methylene Chloride  
Concen: 52.195 ug/l  
RT: 4.799 min Scan# 546  
Delta R.T. -0.012 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

Tgt Ion: 84 Resp: 90756  
Ion Ratio Lower Upper  
84 100  
49 100.9 75.6 113.4  
51 35.3 23.4 35.0#  
86 65.1 47.8 71.6

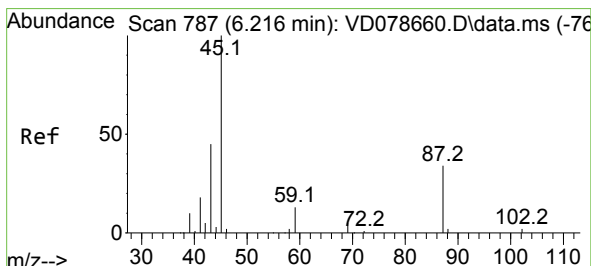
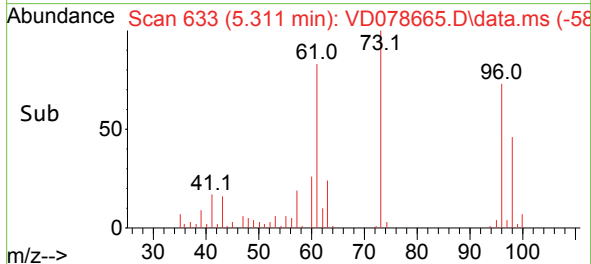
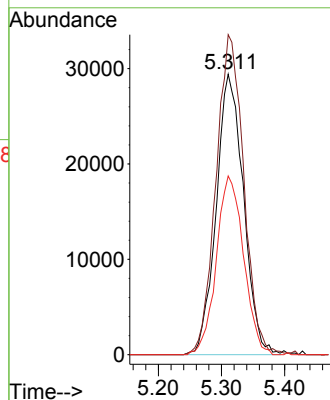
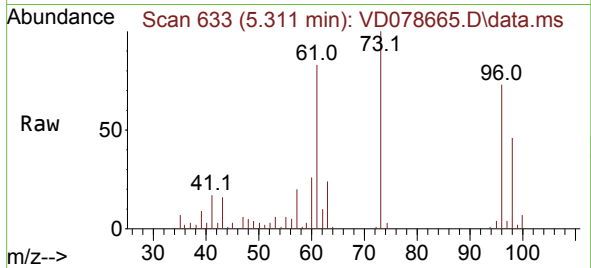




#21  
trans-1,2-Dichloroethene  
Concen: 51.713 ug/l  
RT: 5.311 min Scan# 611  
Delta R.T. -0.006 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

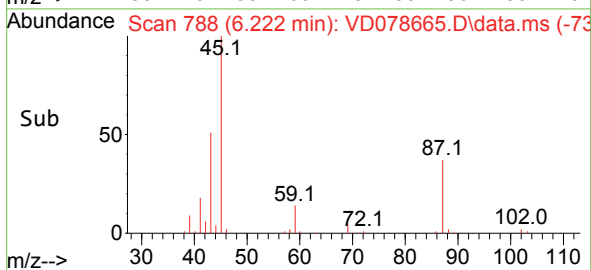
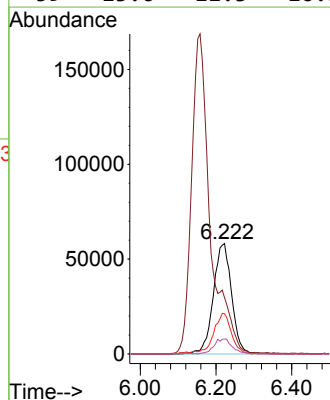
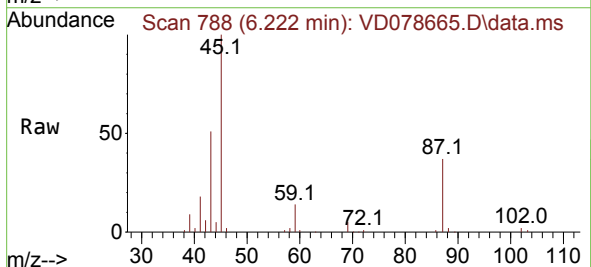
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

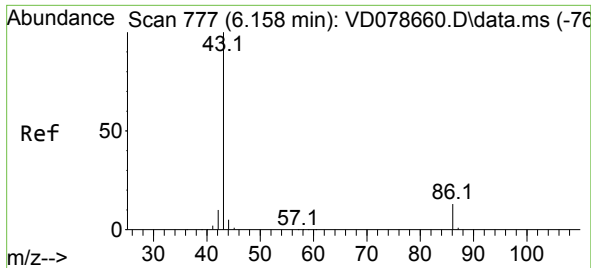
Tgt Ion: 96 Resp: 88228  
Ion Ratio Lower Upper  
96 100  
61 114.1 96.1 144.1  
98 63.7 48.9 73.3



#22  
Diisopropyl ether  
Concen: 53.313 ug/l  
RT: 6.222 min Scan# 788  
Delta R.T. 0.006 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

Tgt Ion: 45 Resp: 195554  
Ion Ratio Lower Upper  
45 100  
43 50.3 44.3 66.5  
87 36.5 28.3 42.5  
59 13.6 11.3 16.9

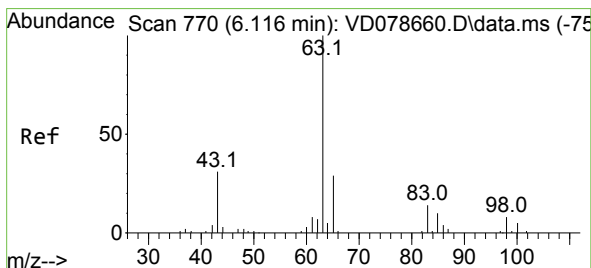
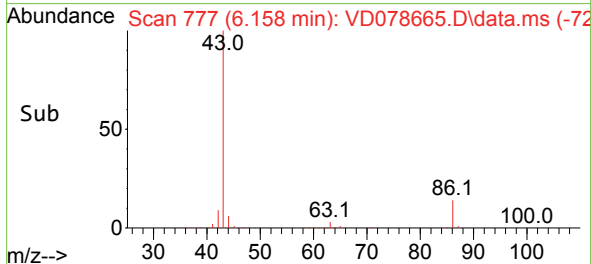
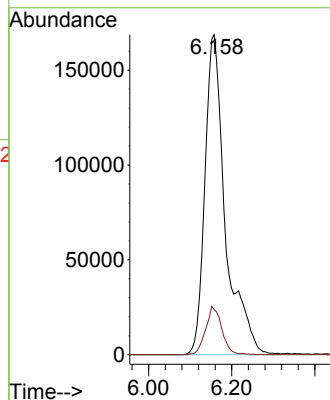
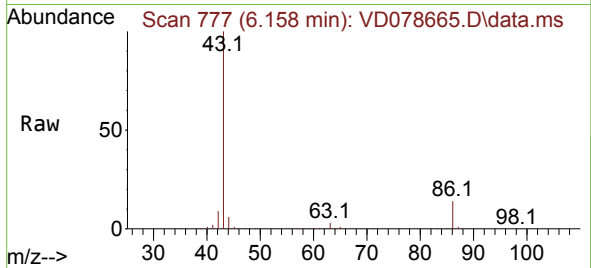




#23  
 Vinyl Acetate  
 Concen: 269.445 ug/l  
 RT: 6.158 min Scan# 777  
 Delta R.T. -0.000 min  
 Lab File: VD078665.D  
 Acq: 14 Mar 2024 13:49

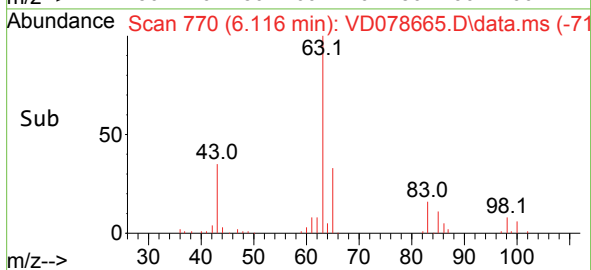
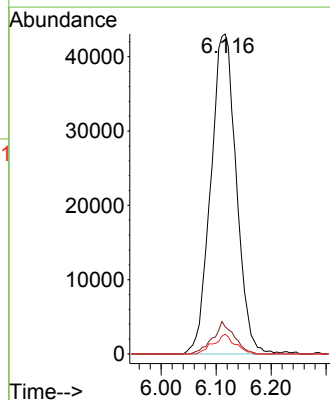
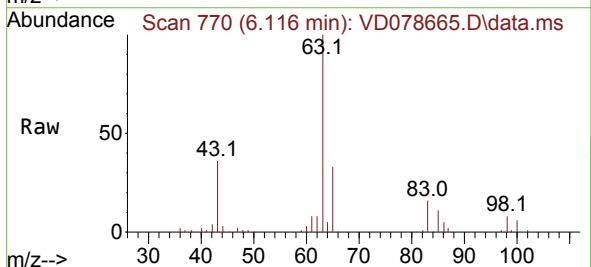
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

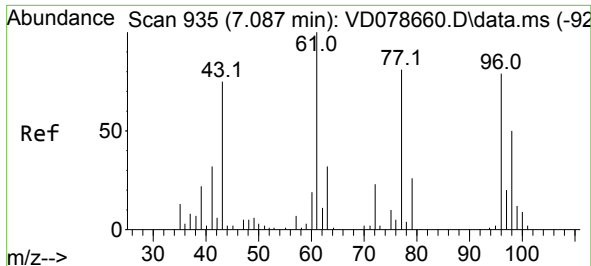
Tgt Ion: 43 Resp: 578116  
 Ion Ratio Lower Upper  
 43 100  
 86 14.1 10.7 16.1



#24  
 1,1-Dichloroethane  
 Concen: 50.472 ug/l  
 RT: 6.116 min Scan# 770  
 Delta R.T. -0.000 min  
 Lab File: VD078665.D  
 Acq: 14 Mar 2024 13:49

Tgt Ion: 63 Resp: 138803  
 Ion Ratio Lower Upper  
 63 100  
 98 8.5 4.0 11.9  
 100 6.2 2.7 8.1

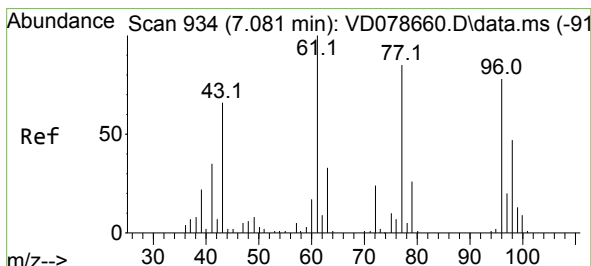
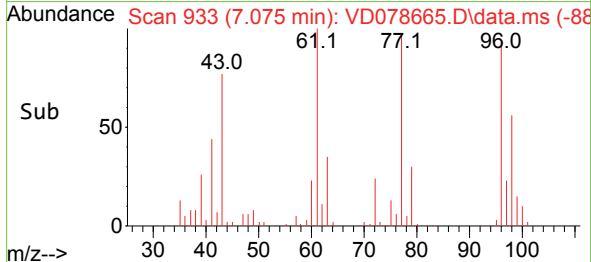
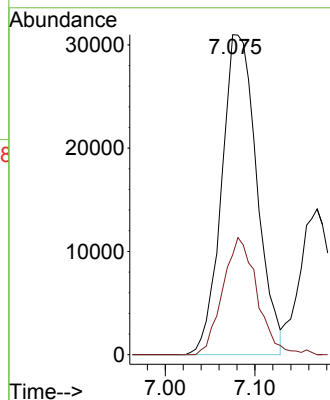
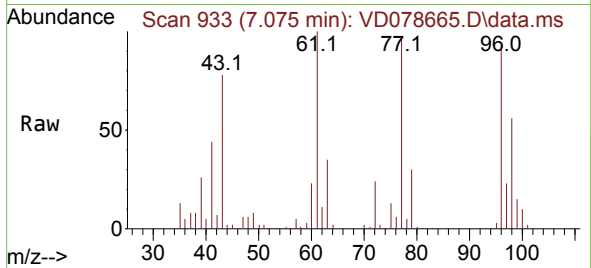




#25  
2-Butanone  
Concen: 247.967 ug/l  
RT: 7.075 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

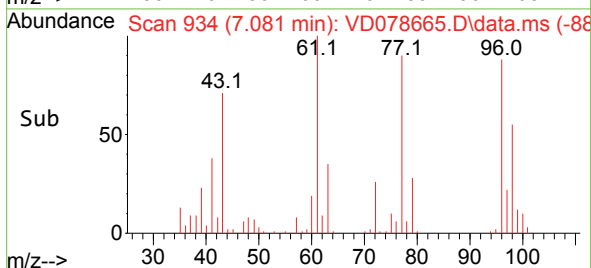
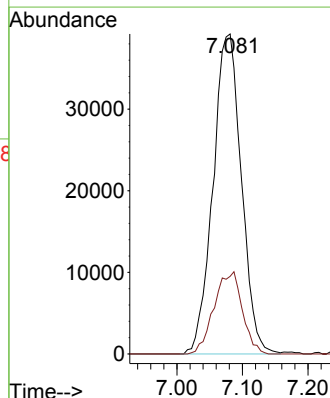
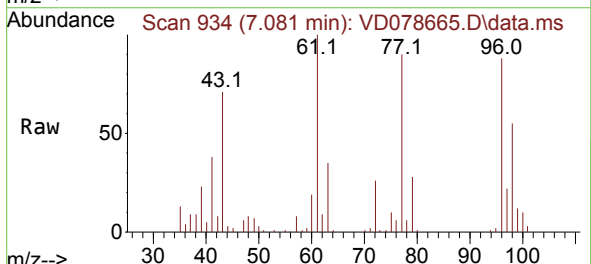
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

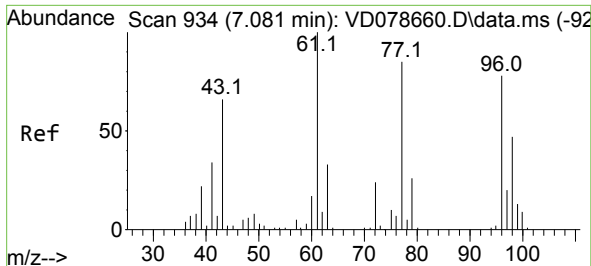
Tgt Ion: 43 Resp: 84427  
Ion Ratio Lower Upper  
43 100  
72 31.2 25.0 37.6



#26  
2,2-Dichloropropane  
Concen: 50.613 ug/l  
RT: 7.081 min Scan# 934  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

Tgt Ion: 77 Resp: 117763  
Ion Ratio Lower Upper  
77 100  
97 25.5 12.4 37.0

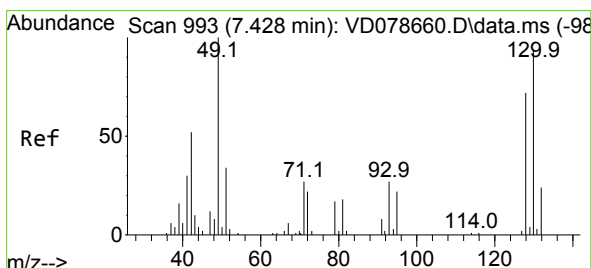
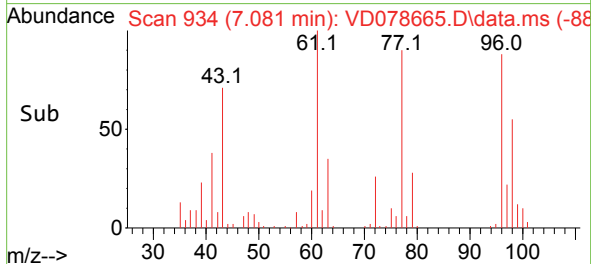
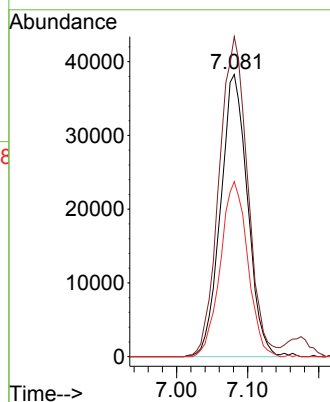
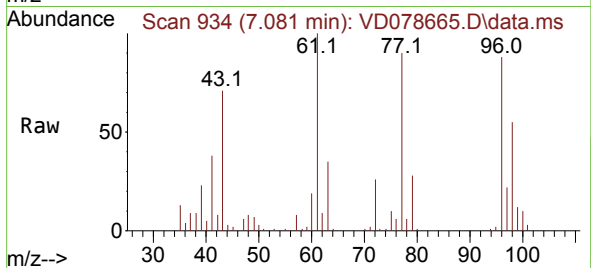




#27  
cis-1,2-Dichloroethene  
Concen: 51.779 ug/l  
RT: 7.081 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

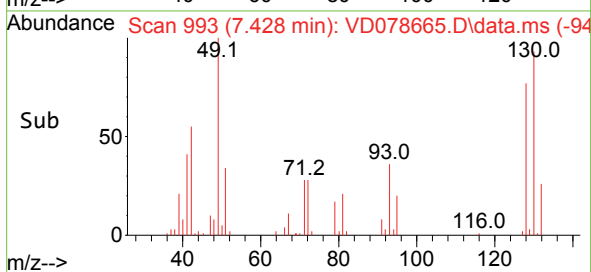
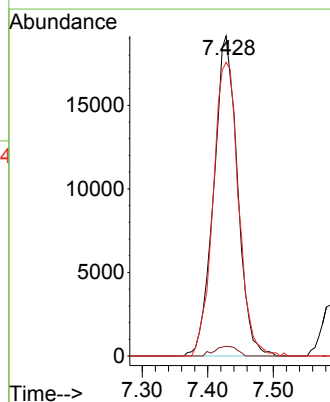
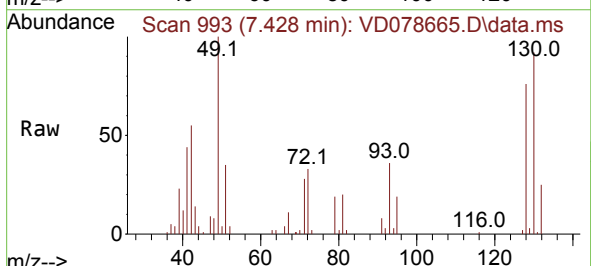
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

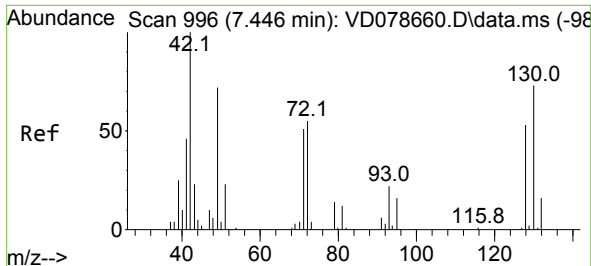
Tgt Ion: 96 Resp: 100757  
Ion Ratio Lower Upper  
96 100  
61 120.5 0.0 245.0  
98 62.9 0.0 126.6



#28  
Bromochloromethane  
Concen: 49.138 ug/l  
RT: 7.428 min Scan# 993  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

Tgt Ion: 49 Resp: 48177  
Ion Ratio Lower Upper  
49 100  
129 2.9 0.0 6.2  
130 98.3 77.1 115.7





#29

Tetrahydrofuran

Concen: 262.340 ug/l

RT: 7.452 min Scan# 997

Delta R.T. 0.006 min

Lab File: VD078665.D

Acq: 14 Mar 2024 13:49

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

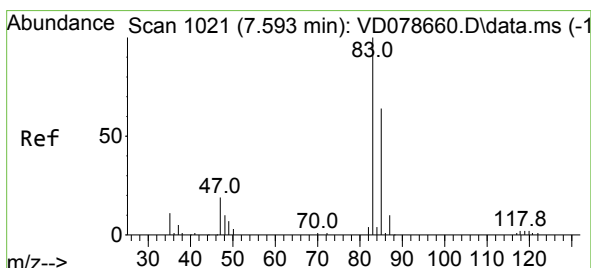
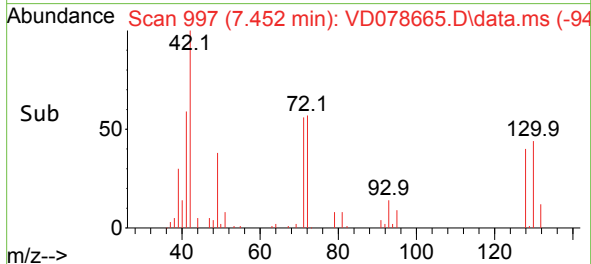
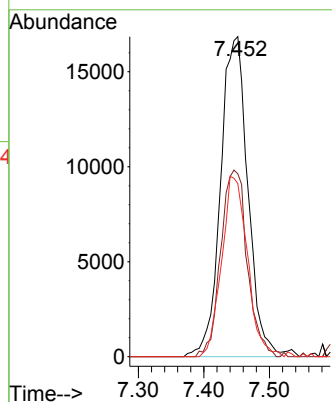
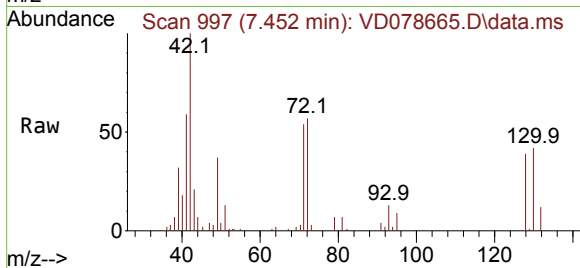
Tgt Ion: 42 Resp: 48582

Ion Ratio Lower Upper

42 100

72 56.7 43.8 65.6

71 53.3 42.0 63.0



#30

Chloroform

Concen: 49.874 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD078665.D

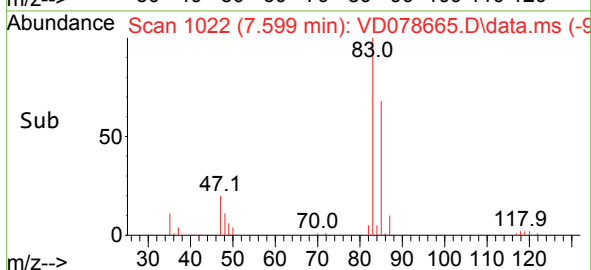
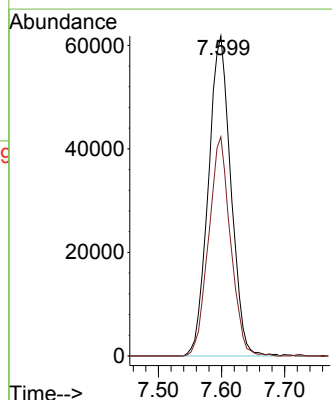
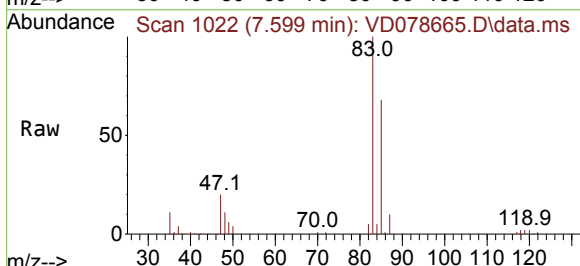
Acq: 14 Mar 2024 13:49

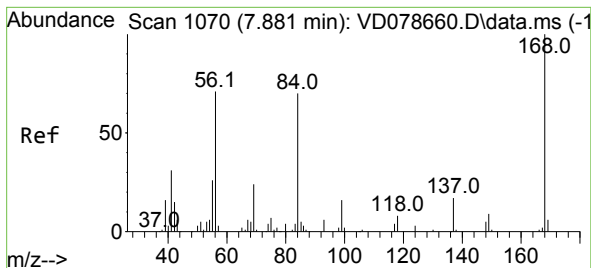
Tgt Ion: 83 Resp: 152927

Ion Ratio Lower Upper

83 100

85 68.4 51.2 76.8





#31

Cyclohexane

Concen: 47.338 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078665.D

Acq: 14 Mar 2024 13:49

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

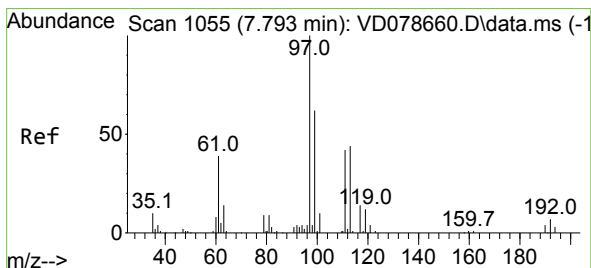
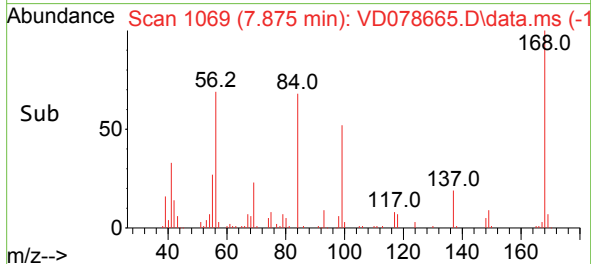
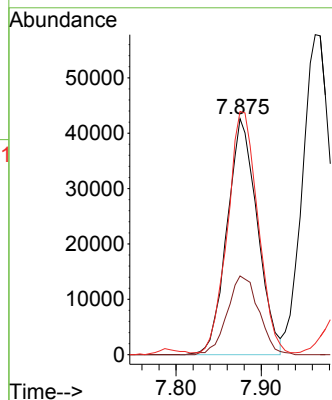
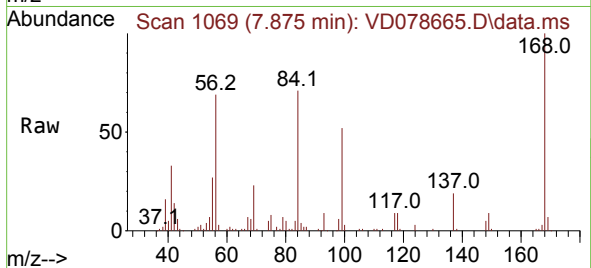
Tgt Ion: 56 Resp: 105373

Ion Ratio Lower Upper

56 100

69 33.0 26.6 40.0

84 101.7 79.4 119.2



#32

1,1,1-Trichloroethane

Concen: 49.289 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD078665.D

Acq: 14 Mar 2024 13:49

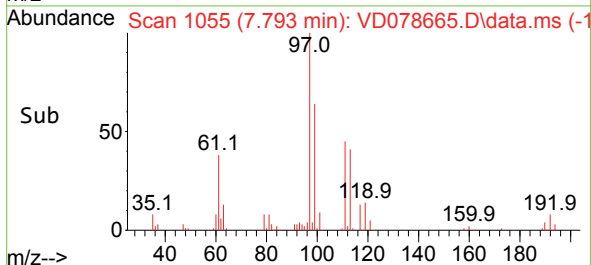
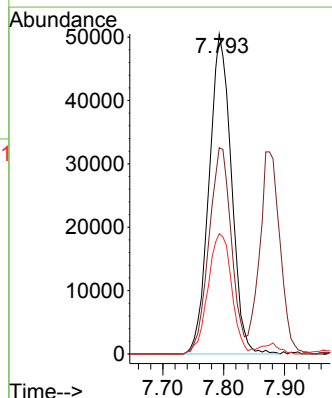
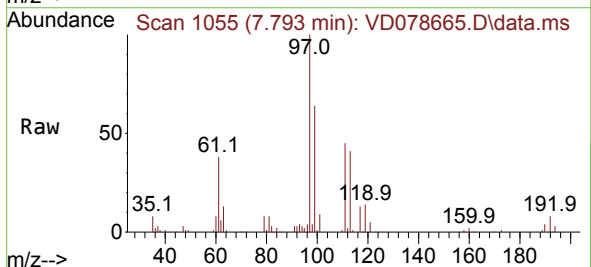
Tgt Ion: 97 Resp: 128227

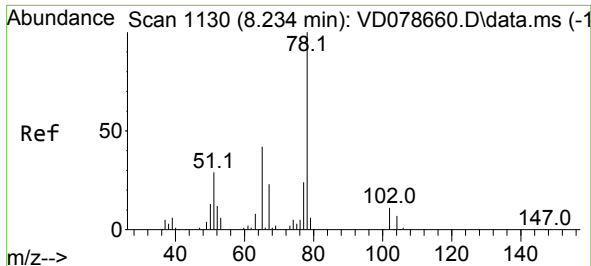
Ion Ratio Lower Upper

97 100

99 64.7 50.8 76.2

61 40.2 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 49.371 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078665.D

Acq: 14 Mar 2024 13:49

Instrument :

MSVOA\_D

ClientSampleId :

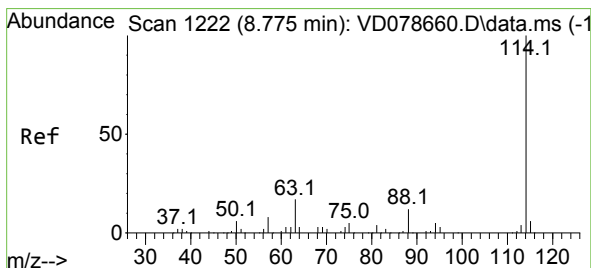
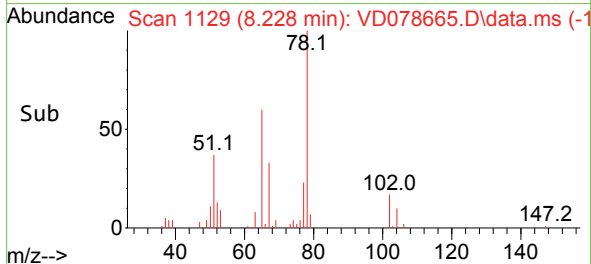
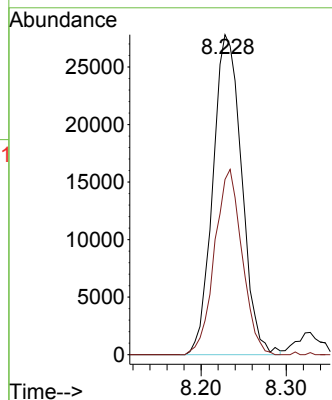
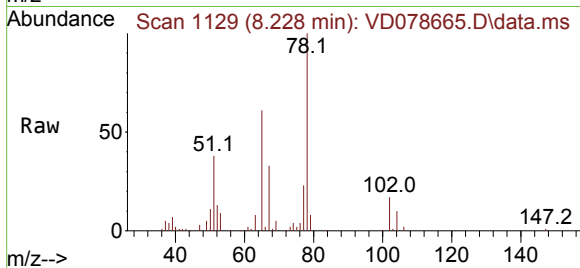
VSTDCCC050

Tgt Ion: 65 Resp: 65384

Ion Ratio Lower Upper

65 100

67 55.2 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD078665.D

Acq: 14 Mar 2024 13:49

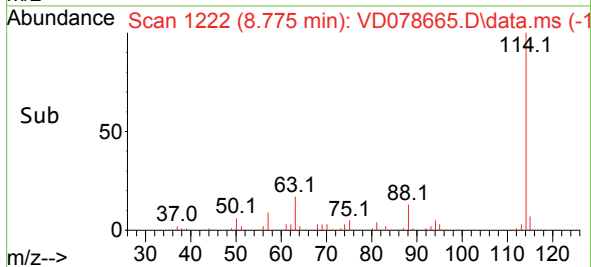
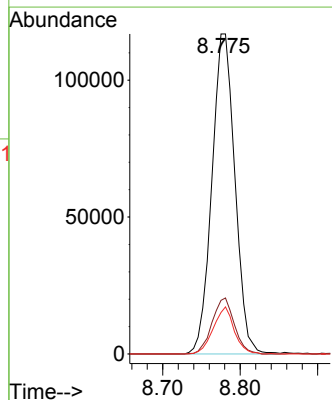
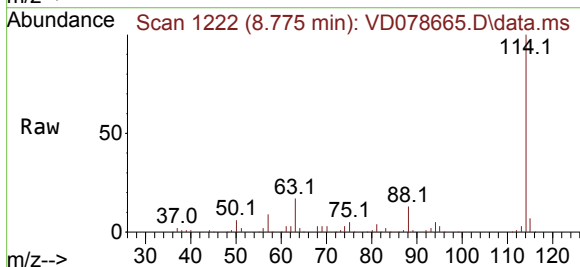
Tgt Ion: 114 Resp: 241957

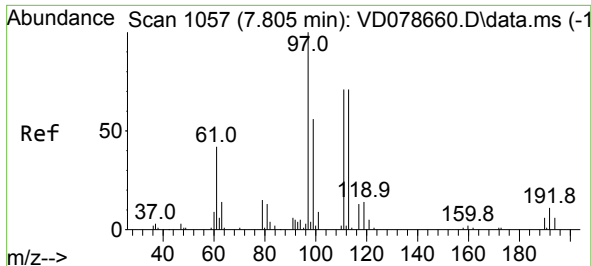
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

88 12.9 0.0 24.6

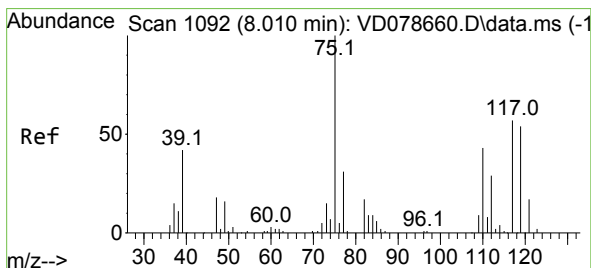
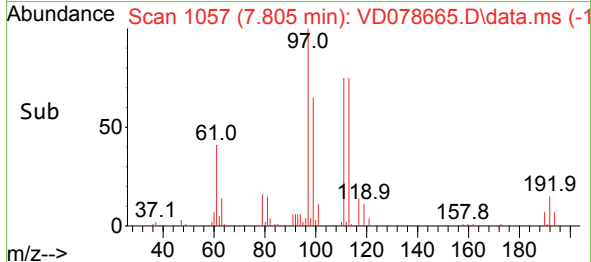
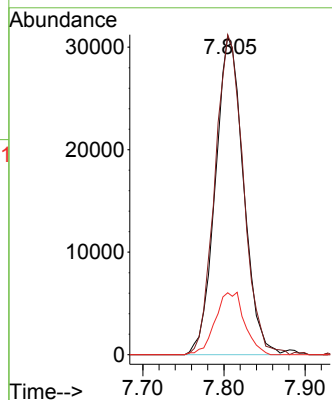
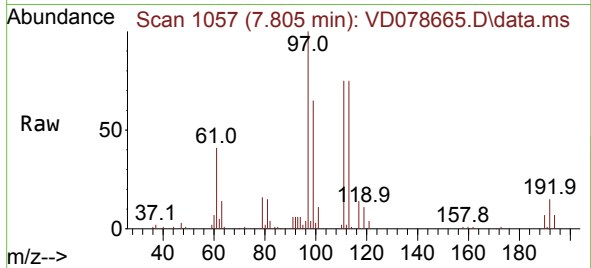




#35  
Dibromofluoromethane  
Concen: 48.067 ug/l  
RT: 7.805 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

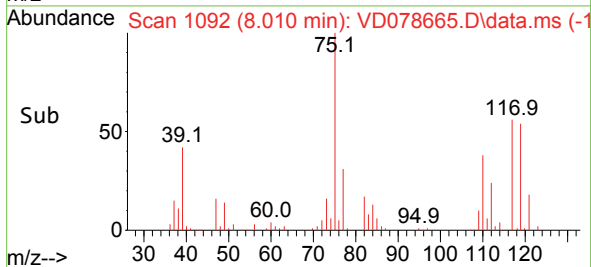
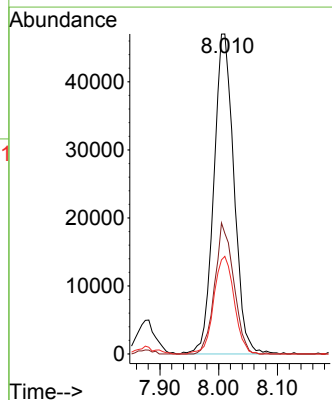
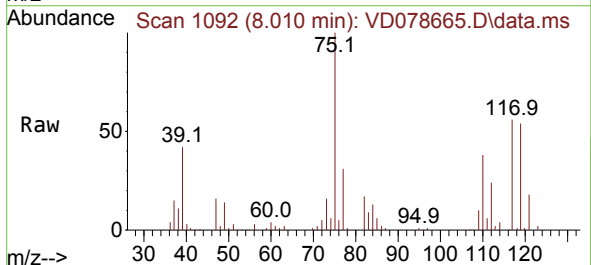
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

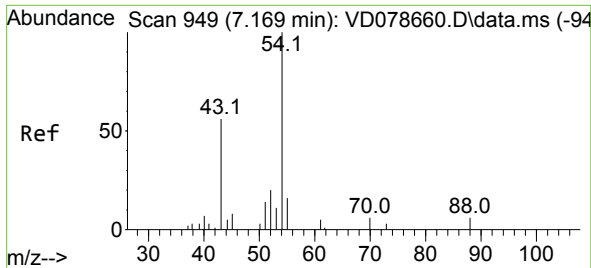
Tgt Ion:113 Resp: 74881  
Ion Ratio Lower Upper  
113 100  
111 101.6 81.9 122.9  
192 20.4 15.4 23.0



#36  
1,1-Dichloropropene  
Concen: 49.631 ug/l  
RT: 8.010 min Scan# 1092  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

Tgt Ion: 75 Resp: 112181  
Ion Ratio Lower Upper  
75 100  
110 38.4 19.1 57.1  
77 30.8 25.4 38.2

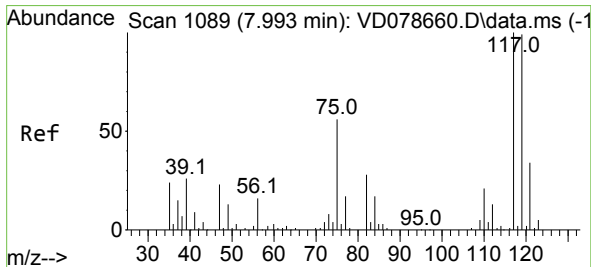
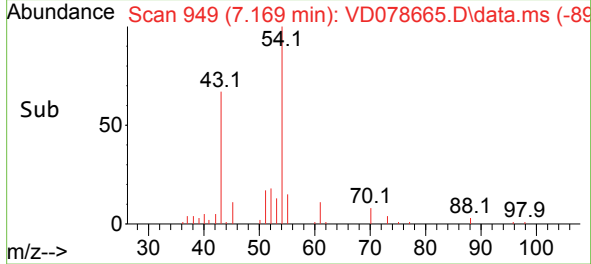
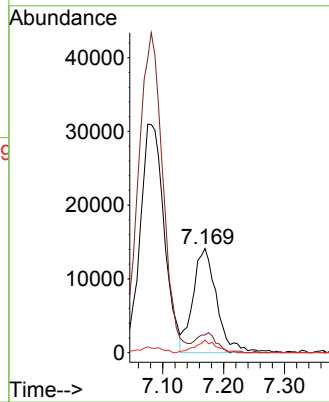
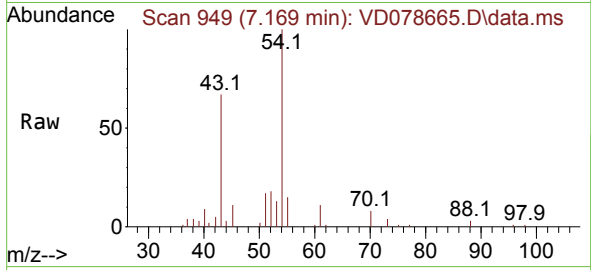




#37  
Ethyl Acetate  
Concen: 52.044 ug/l  
RT: 7.169 min Scan# 949  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

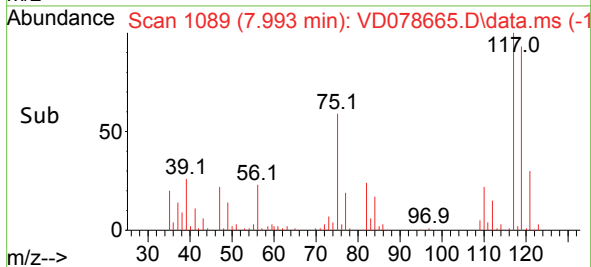
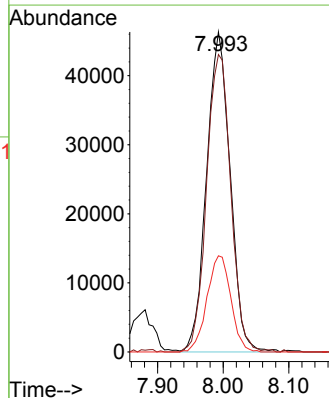
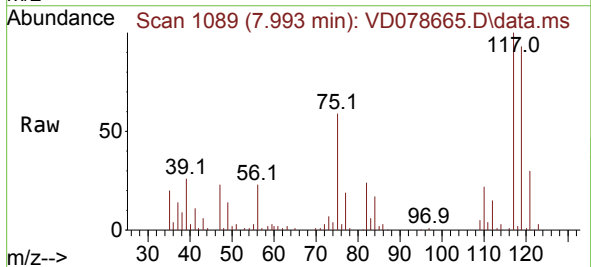
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

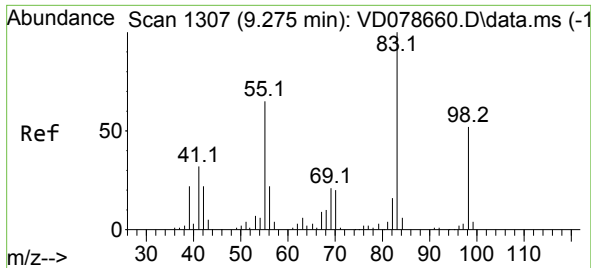
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 43 | Resp: | 38430     |
| Ion Ratio   | Lower | Upper     |
| 43          | 100   |           |
| 61          | 15.5  | 14.6 21.8 |
| 70          | 10.5  | 9.4 14.0  |



#38  
Carbon Tetrachloride  
Concen: 48.638 ug/l  
RT: 7.993 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

|              |       |            |
|--------------|-------|------------|
| Tgt Ion: 117 | Resp: | 115900     |
| Ion Ratio    | Lower | Upper      |
| 117          | 100   |            |
| 119          | 93.0  | 79.2 118.8 |
| 121          | 30.1  | 26.8 40.2  |





#39

Methylcyclohexane

Concen: 49.842 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD078665.D

Acq: 14 Mar 2024 13:49

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

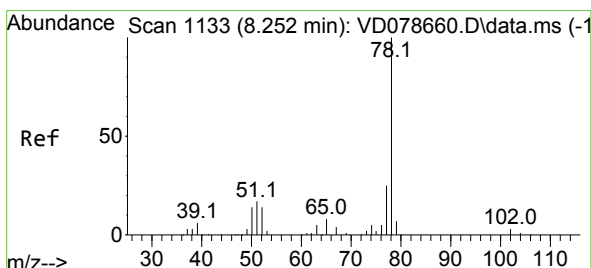
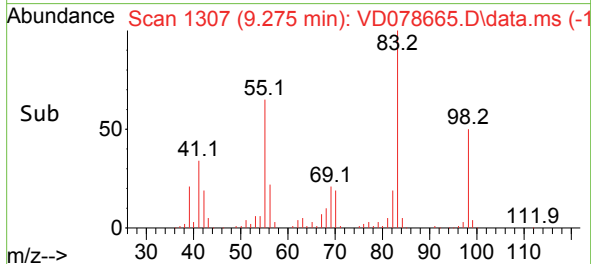
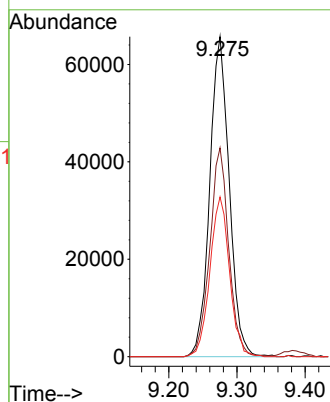
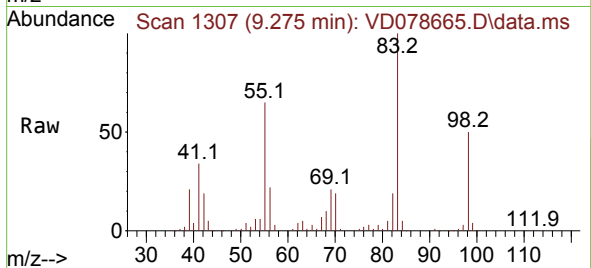
Tgt Ion: 83 Resp: 130687

Ion Ratio Lower Upper

83 100

55 65.3 51.7 77.5

98 49.9 41.4 62.0



#40

Benzene

Concen: 50.234 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD078665.D

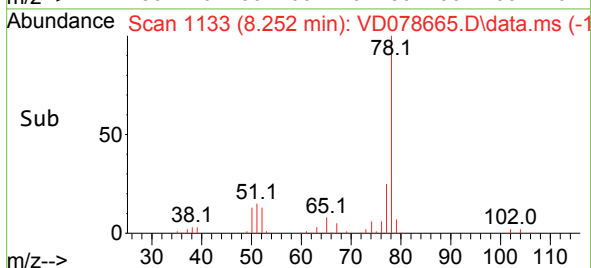
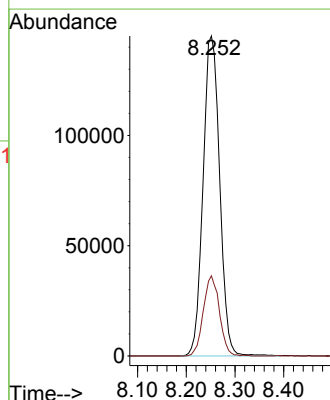
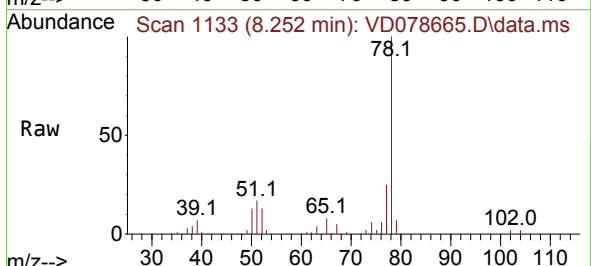
Acq: 14 Mar 2024 13:49

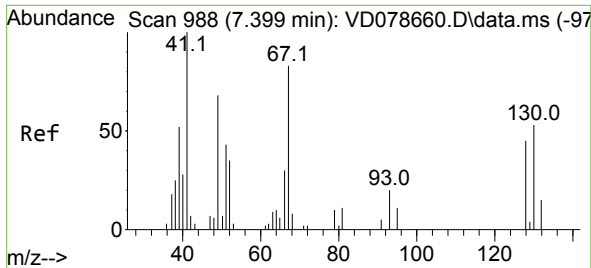
Tgt Ion: 78 Resp: 343234

Ion Ratio Lower Upper

78 100

77 25.1 20.4 30.6

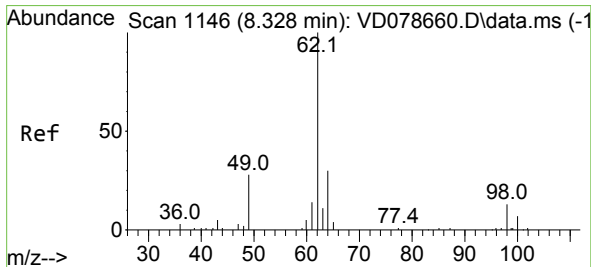
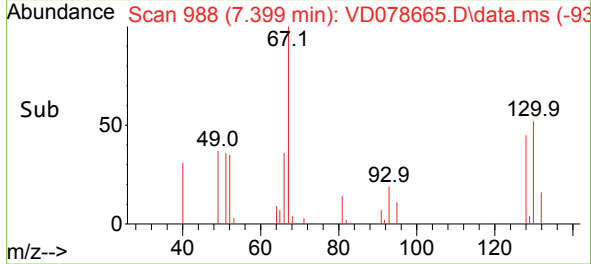
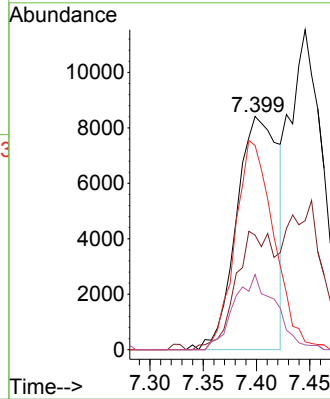
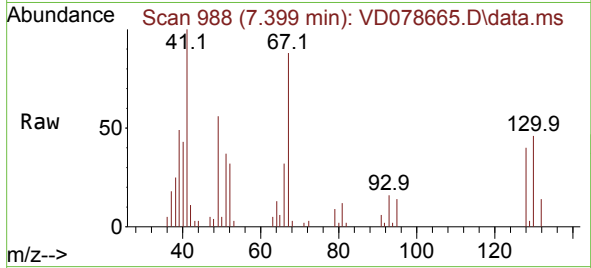




#41  
Methacrylonitrile  
Concen: 59.032 ug/l  
RT: 7.399 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

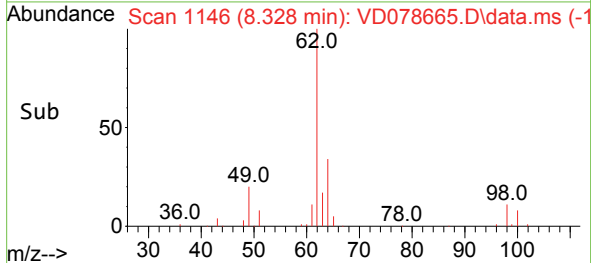
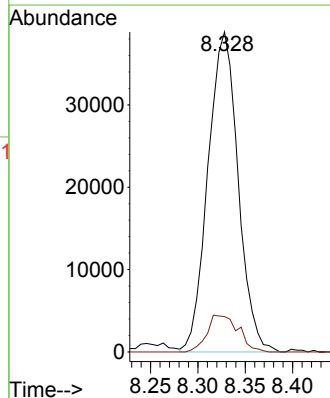
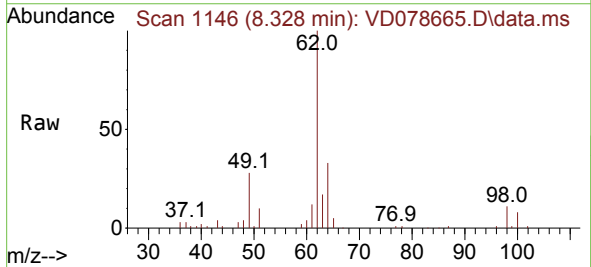
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

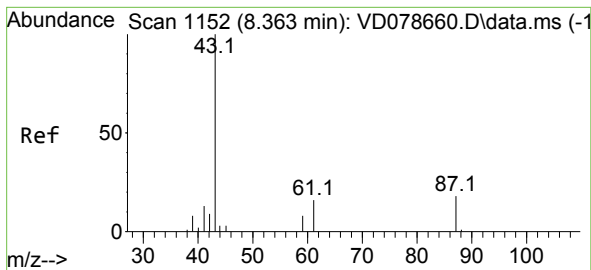
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 22843 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 44.4  | 39.8  | 59.6  |
| 67       | 84.0  | 83.5  | 125.3 |
| 52       | 32.2  | 30.3  | 45.5  |



#42  
1,2-Dichloroethane  
Concen: 51.745 ug/l  
RT: 8.328 min Scan# 1146  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 86222 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 12.0  | 0.0   | 23.8  |





#43

Isopropyl Acetate

Concen: 52.168 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. -0.000 min

Lab File: VD078665.D

Acq: 14 Mar 2024 13:49

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

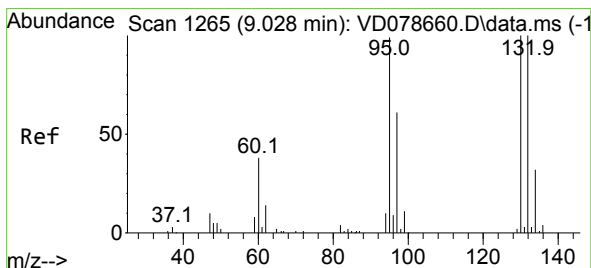
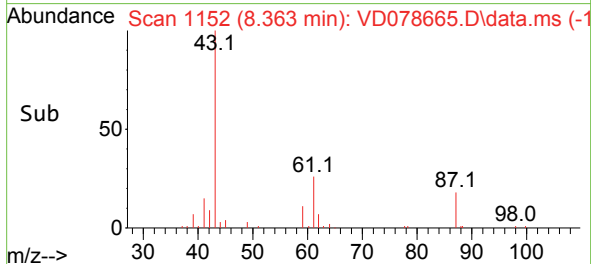
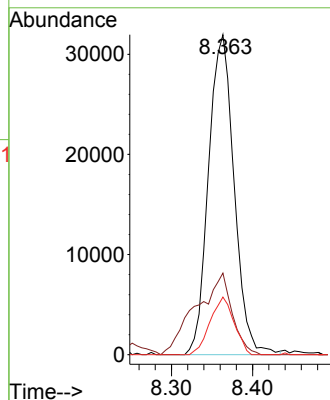
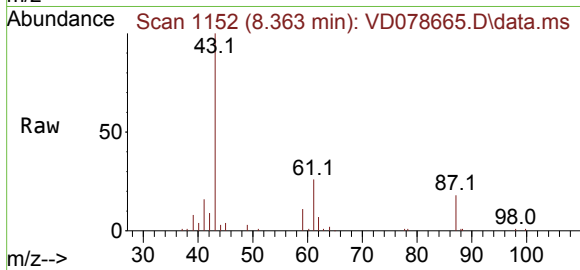
Tgt Ion: 43 Resp: 70055

Ion Ratio Lower Upper

43 100

61 35.8 30.1 45.1

87 16.9 14.4 21.6



#44

Trichloroethene

Concen: 49.232 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD078665.D

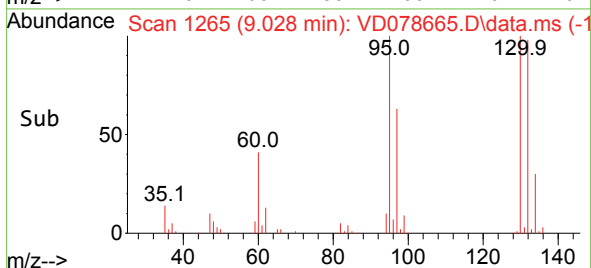
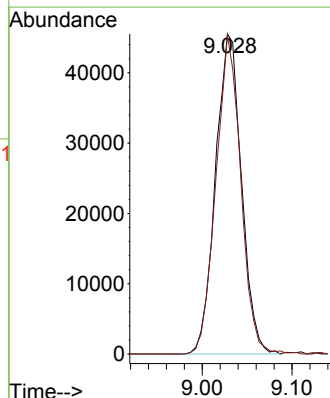
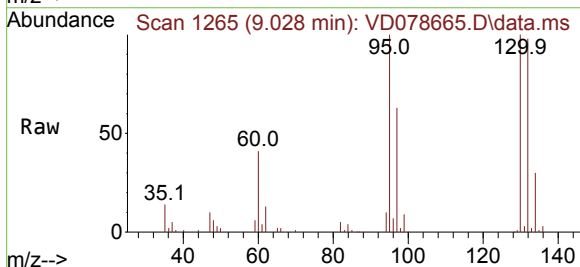
Acq: 14 Mar 2024 13:49

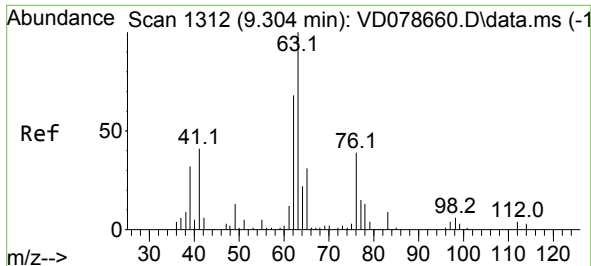
Tgt Ion:130 Resp: 91289

Ion Ratio Lower Upper

130 100

95 99.6 0.0 197.8





#45

1,2-Dichloropropane

Concen: 50.102 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD078665.D

Acq: 14 Mar 2024 13:49

Instrument :

MSVOA\_D

ClientSampleId :

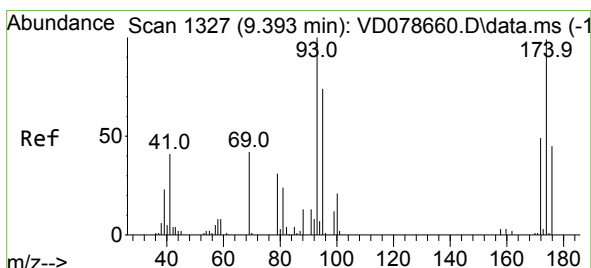
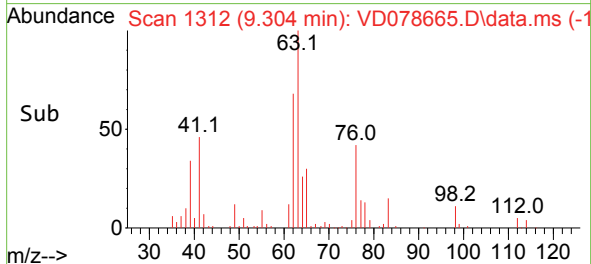
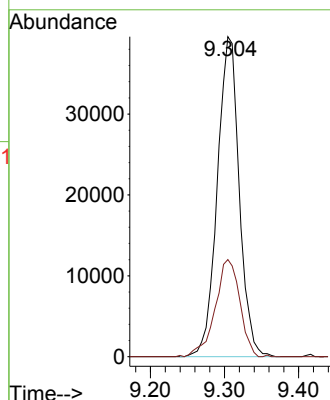
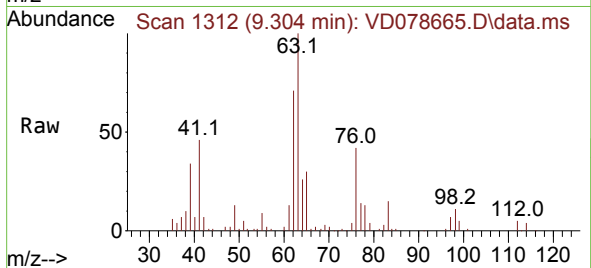
VSTDCCC050

Tgt Ion: 63 Resp: 81208

Ion Ratio Lower Upper

63 100

65 30.4 24.8 37.2



#46

Dibromomethane

Concen: 49.495 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078665.D

Acq: 14 Mar 2024 13:49

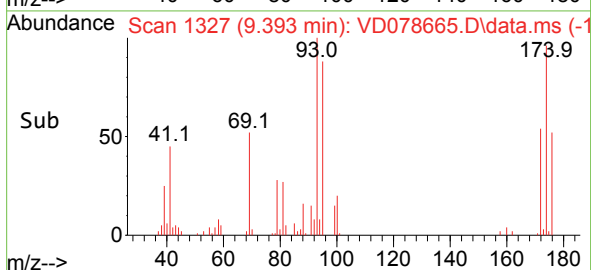
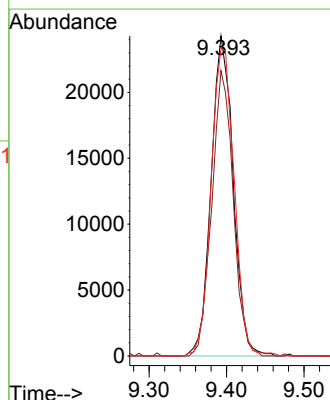
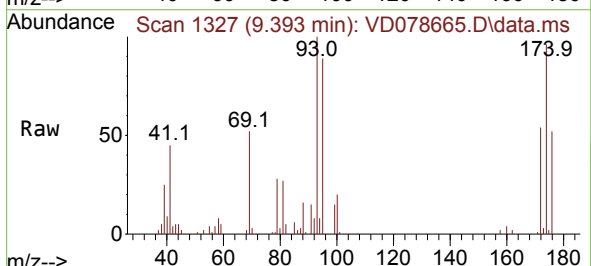
Tgt Ion: 93 Resp: 48090

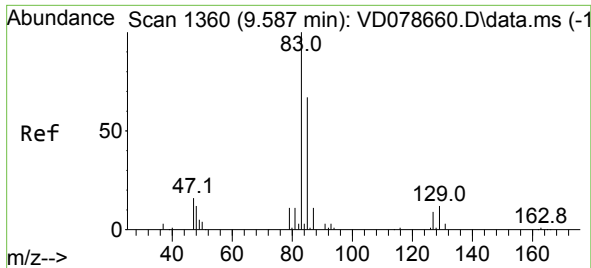
Ion Ratio Lower Upper

93 100

95 86.5 67.3 100.9

174 100.3 80.9 121.3

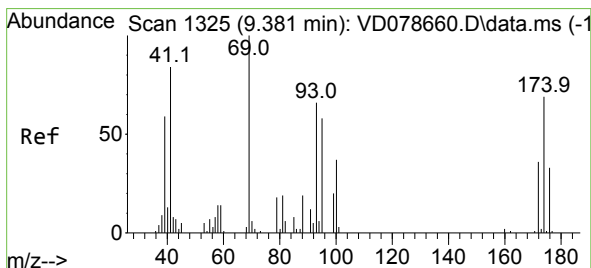
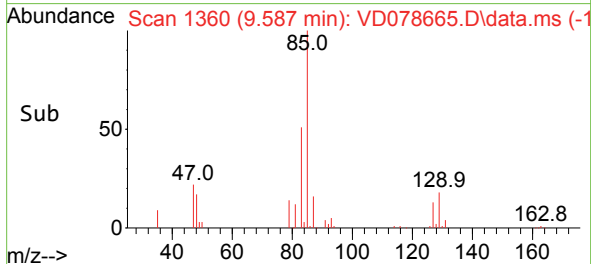
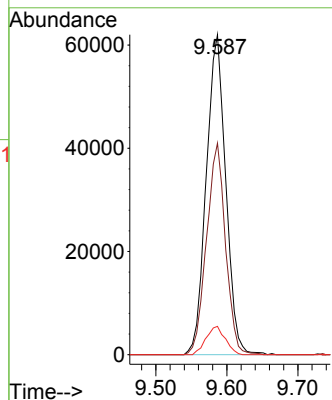
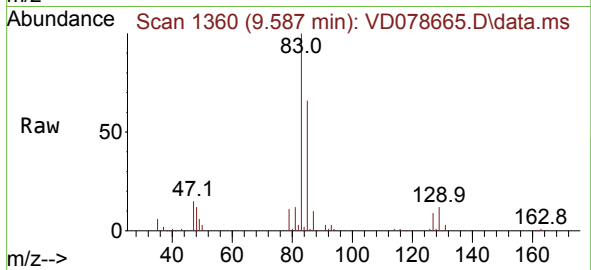




#47  
Bromodichloromethane  
Concen: 51.162 ug/l  
RT: 9.587 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

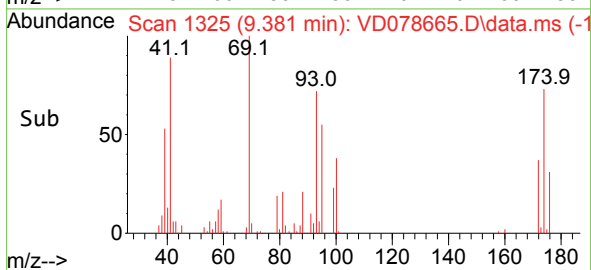
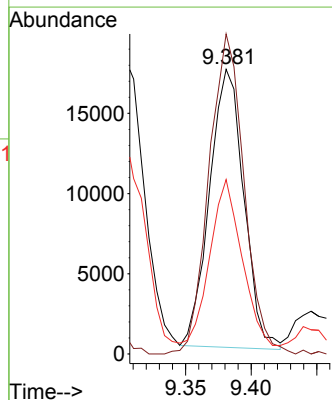
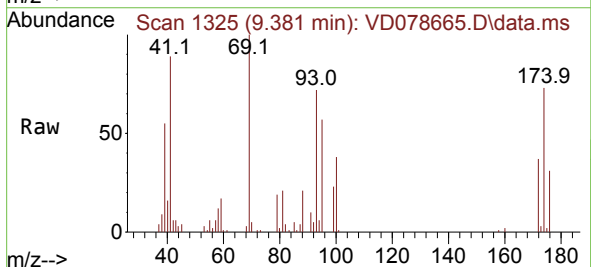
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

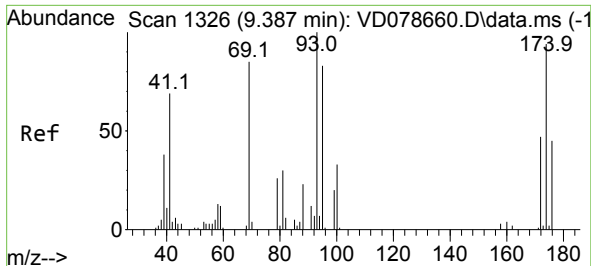
Tgt Ion: 83 Resp: 118338  
Ion Ratio Lower Upper  
83 100  
85 66.1 54.0 81.0  
127 8.9 7.1 10.7



#48  
Methyl methacrylate  
Concen: 48.172 ug/l  
RT: 9.381 min Scan# 1325  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

Tgt Ion: 41 Resp: 31520  
Ion Ratio Lower Upper  
41 100  
69 117.4 88.3 132.5  
39 62.6 46.6 69.8





#49

1,4-Dioxane

Concen: 1029.225 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD078665.D

Acq: 14 Mar 2024 13:49

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

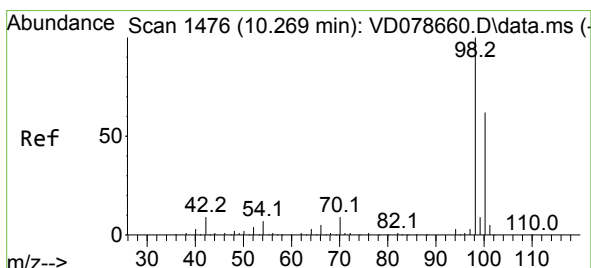
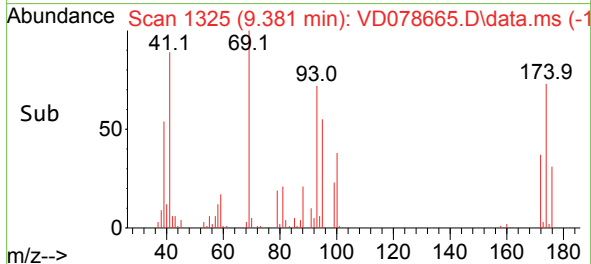
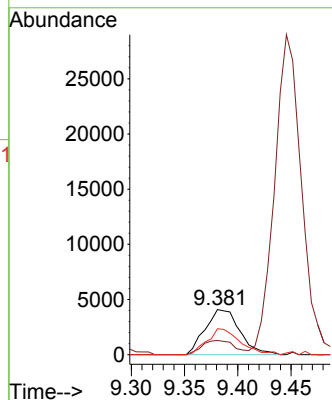
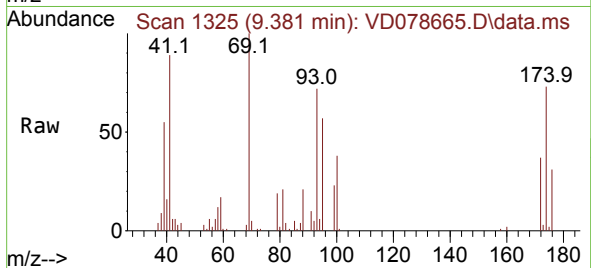
Tgt Ion: 88 Resp: 9259

Ion Ratio Lower Upper

88 100

43 30.5 23.2 34.8

58 54.5 51.0 76.6



#50

Toluene-d8

Concen: 51.001 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078665.D

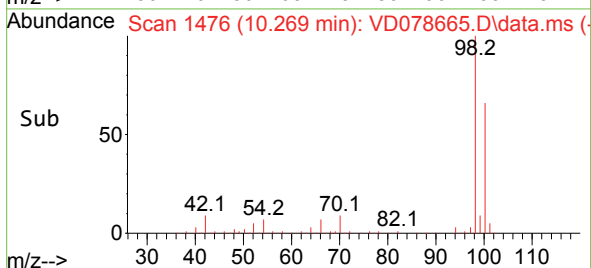
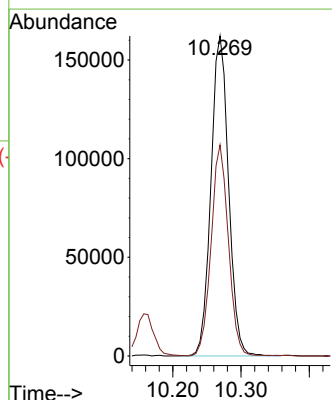
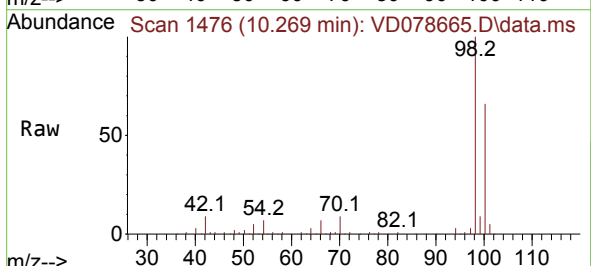
Acq: 14 Mar 2024 13:49

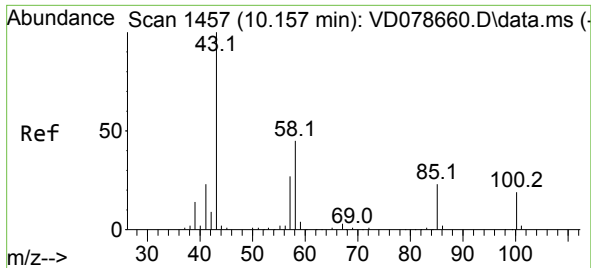
Tgt Ion: 98 Resp: 292197

Ion Ratio Lower Upper

98 100

100 64.6 50.5 75.7





#51

4-Methyl-2-Pentanone

Concen: 260.323 ug/l

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD078665.D

Acq: 14 Mar 2024 13:49

Instrument :

MSVOA\_D

ClientSampleId :

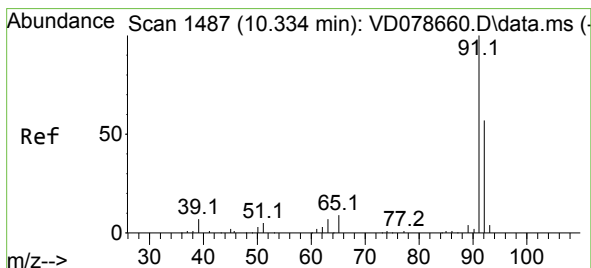
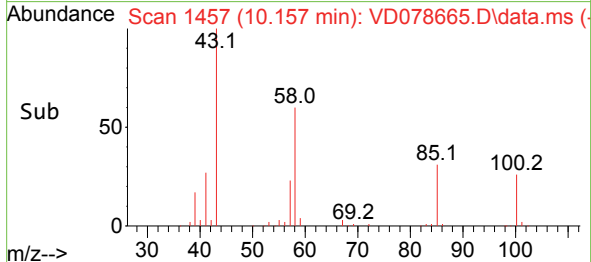
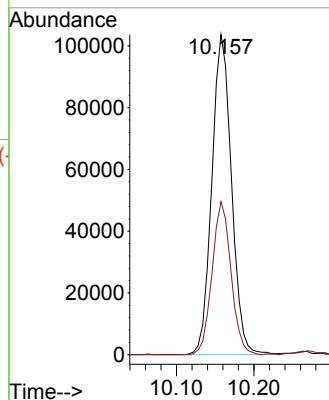
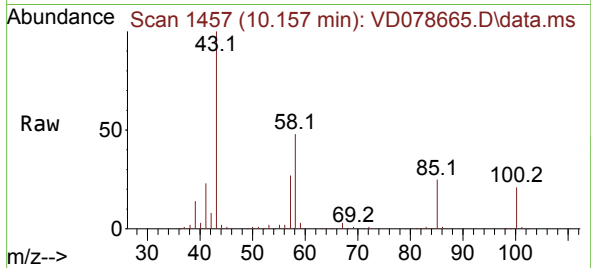
VSTDCCC050

Tgt Ion: 43 Resp: 182760

Ion Ratio Lower Upper

43 100

58 46.0 36.4 54.6



#52

Toluene

Concen: 52.018 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD078665.D

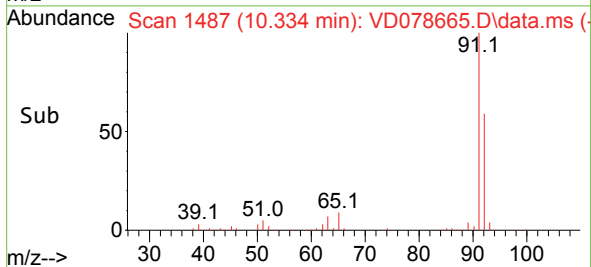
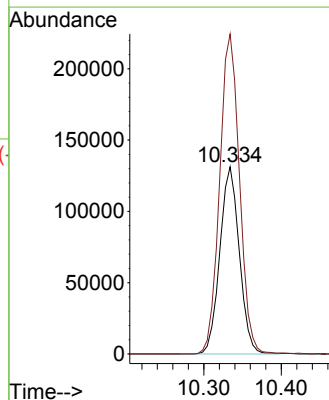
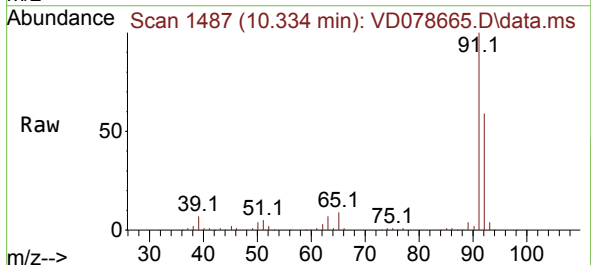
Acq: 14 Mar 2024 13:49

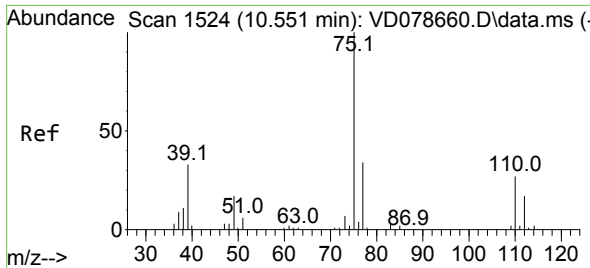
Tgt Ion: 92 Resp: 228825

Ion Ratio Lower Upper

92 100

91 174.5 136.6 205.0

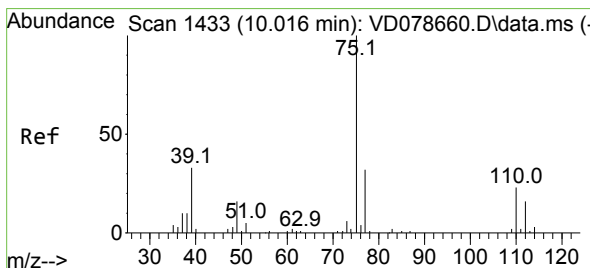
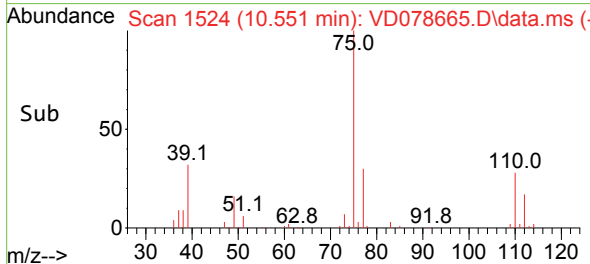
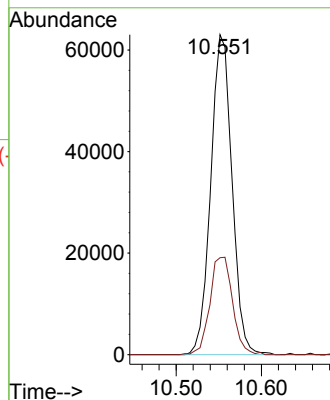
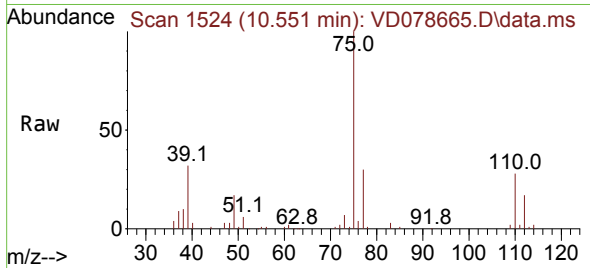




#53  
 t-1,3-Dichloropropene  
 Concen: 51.635 ug/l  
 RT: 10.551 min Scan# 1524  
 Delta R.T. -0.000 min  
 Lab File: VD078665.D  
 Acq: 14 Mar 2024 13:49

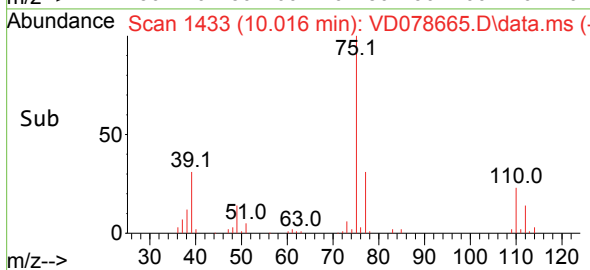
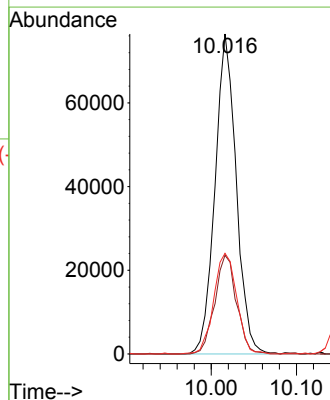
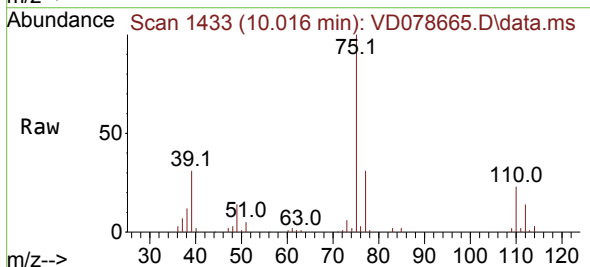
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

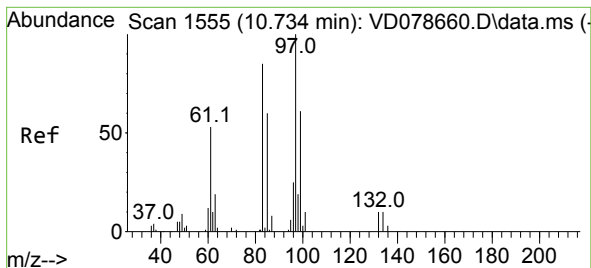
Tgt Ion: 75 Resp: 109197  
 Ion Ratio Lower Upper  
 75 100  
 77 30.3 27.1 40.7



#54  
 cis-1,3-Dichloropropene  
 Concen: 51.893 ug/l  
 RT: 10.016 min Scan# 1433  
 Delta R.T. -0.000 min  
 Lab File: VD078665.D  
 Acq: 14 Mar 2024 13:49

Tgt Ion: 75 Resp: 131929  
 Ion Ratio Lower Upper  
 75 100  
 77 30.9 25.4 38.0  
 39 31.5 26.7 40.1





#55

1,1,2-Trichloroethane

Concen: 50.652 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD078665.D

Acq: 14 Mar 2024 13:49

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 65904

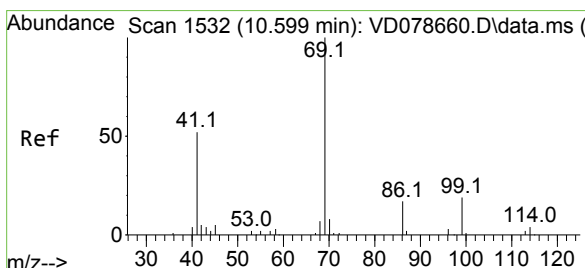
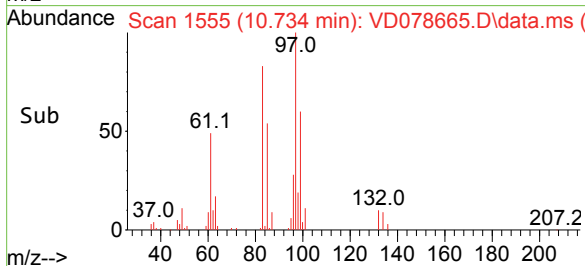
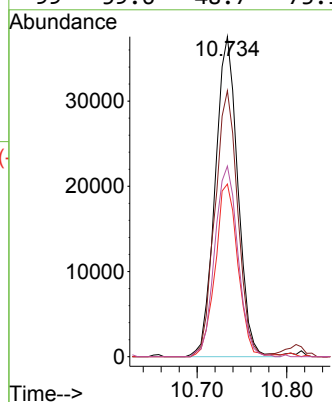
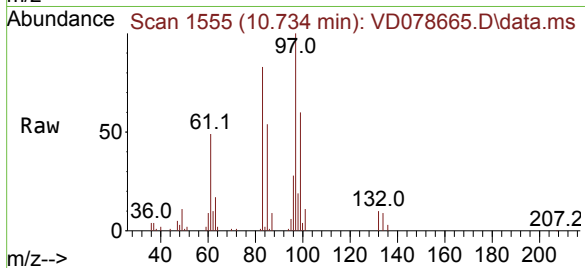
Ion Ratio Lower Upper

97 100

83 83.1 68.1 102.1

85 54.0 48.2 72.2

99 59.6 48.7 73.1



#56

Ethyl methacrylate

Concen: 54.984 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD078665.D

Acq: 14 Mar 2024 13:49

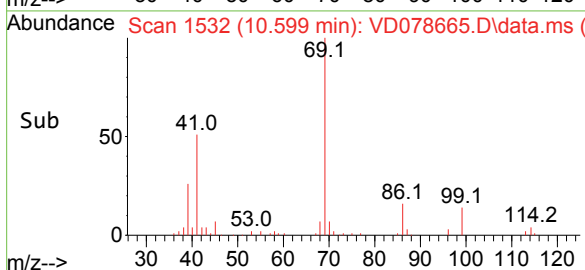
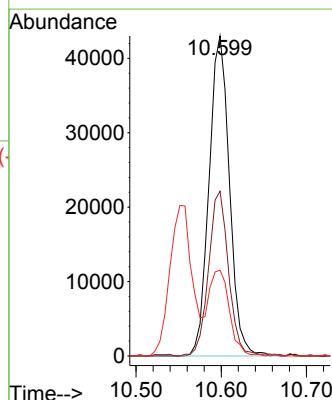
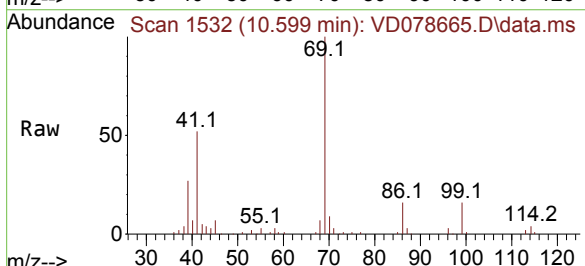
Tgt Ion: 69 Resp: 71717

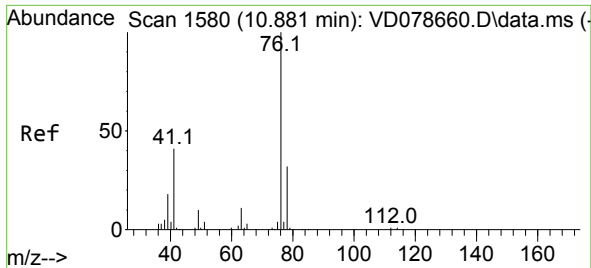
Ion Ratio Lower Upper

69 100

41 50.7 40.9 61.3

39 28.4 25.5 38.3





#57

1,3-Dichloropropane

Concen: 52.043 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078665.D

Acq: 14 Mar 2024 13:49

Instrument :

MSVOA\_D

ClientSampleId :

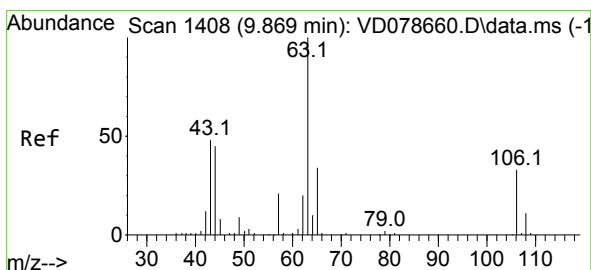
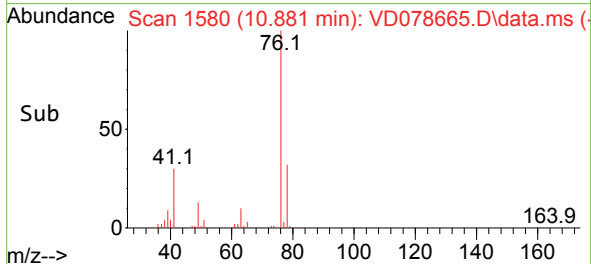
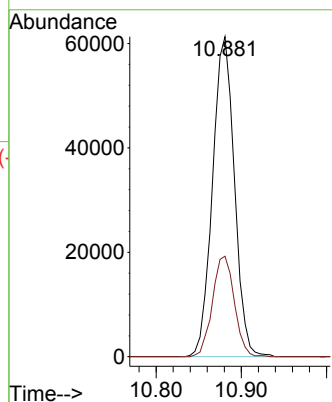
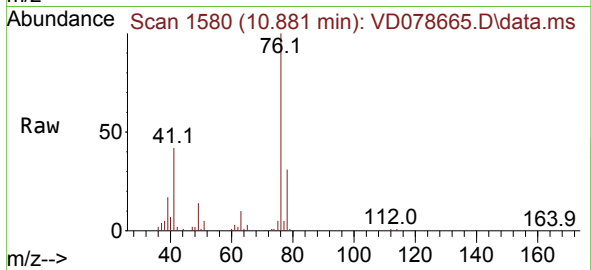
VSTDCCC050

Tgt Ion: 76 Resp: 109262

Ion Ratio Lower Upper

76 100

78 31.4 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 238.669 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078665.D

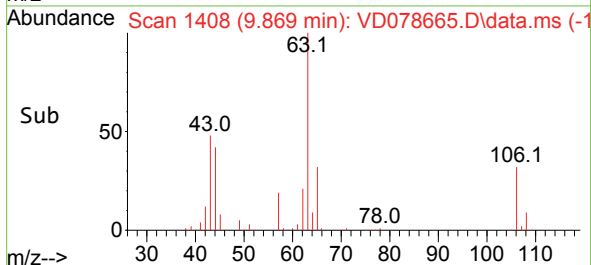
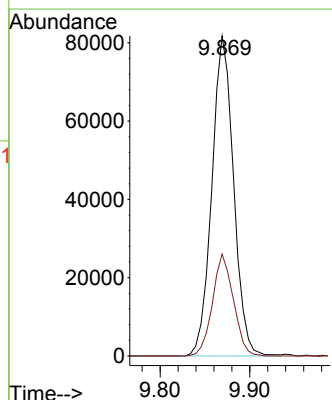
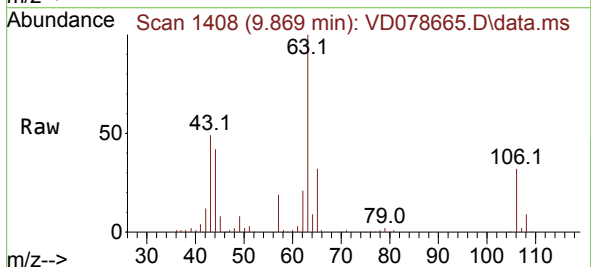
Acq: 14 Mar 2024 13:49

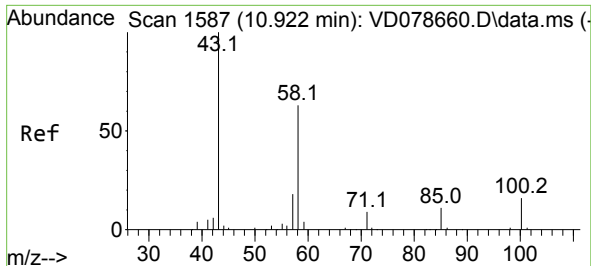
Tgt Ion: 63 Resp: 137266

Ion Ratio Lower Upper

63 100

106 30.7 25.2 37.8

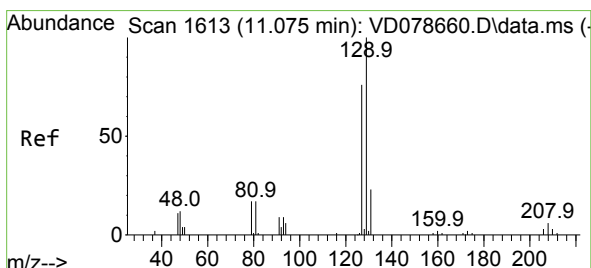
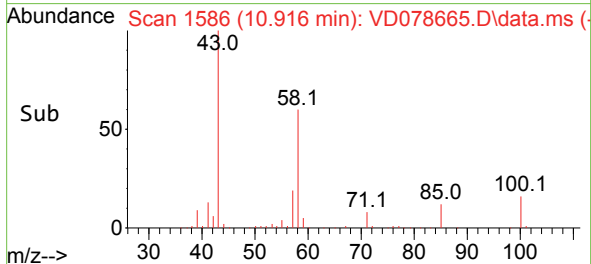
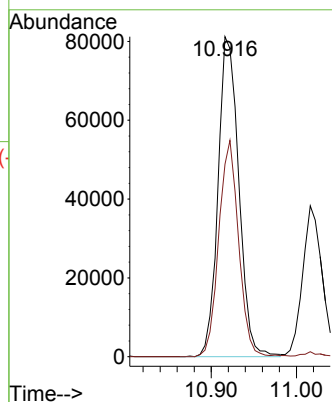
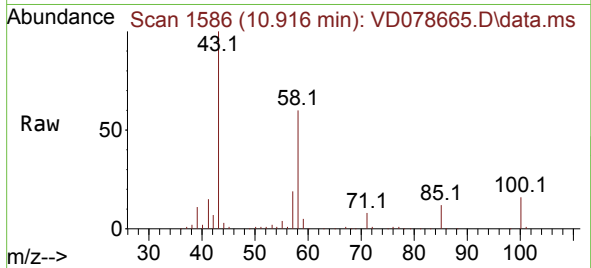




#59  
2-Hexanone  
Concen: 264.221 ug/l  
RT: 10.916 min Scan# 1586  
Delta R.T. -0.006 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

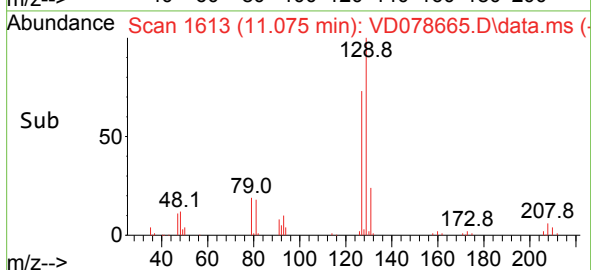
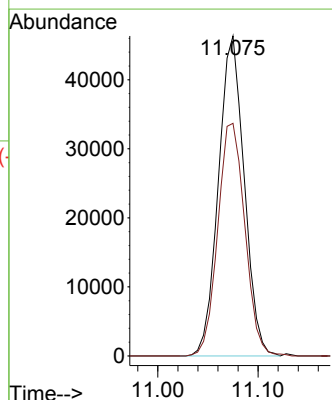
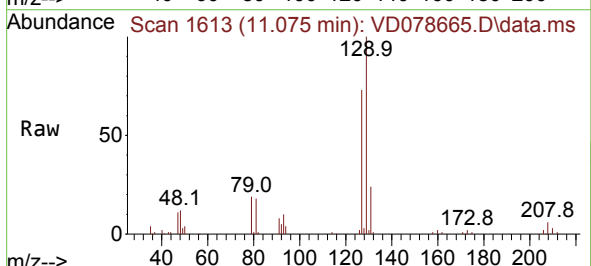
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

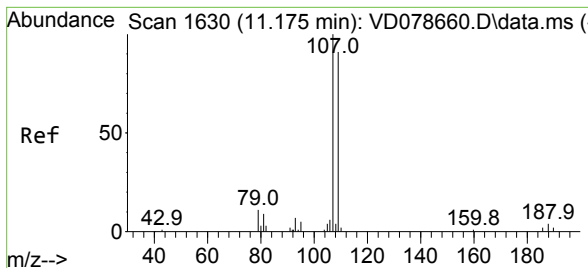
Tgt Ion: 43 Resp: 137510  
Ion Ratio Lower Upper  
43 100  
58 64.7 31.5 94.5



#60  
Dibromochloromethane  
Concen: 51.535 ug/l  
RT: 11.075 min Scan# 1613  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

Tgt Ion: 129 Resp: 82691  
Ion Ratio Lower Upper  
129 100  
127 76.4 38.8 116.3

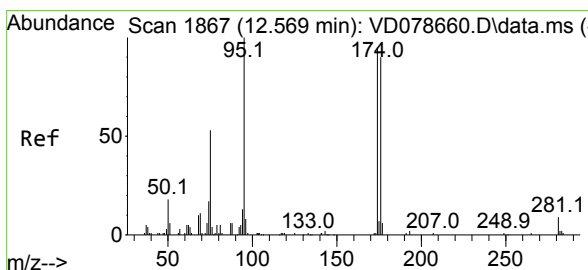
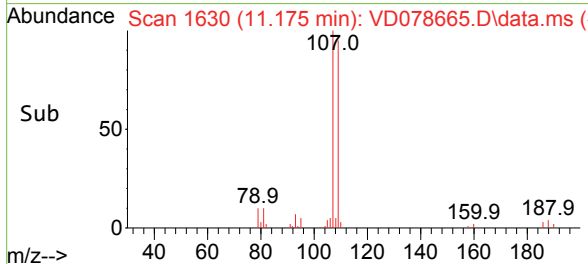
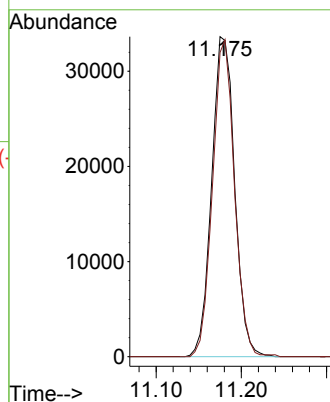
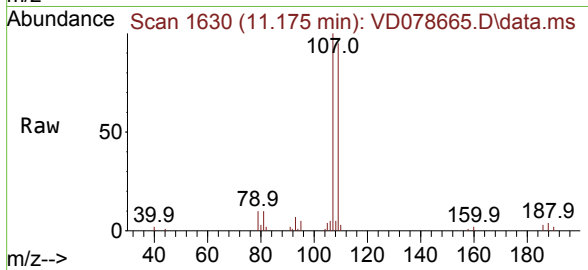




#61  
1,2-Dibromoethane  
Concen: 49.935 ug/l  
RT: 11.175 min Scan# 1630  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

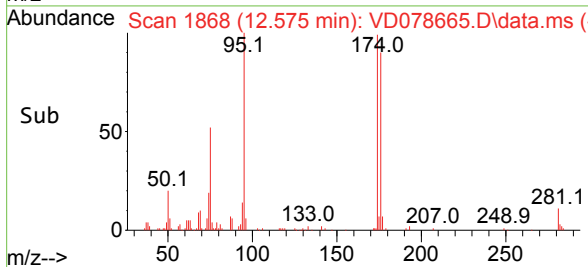
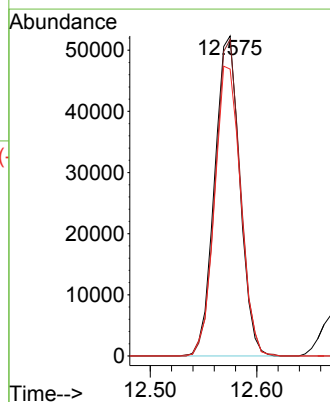
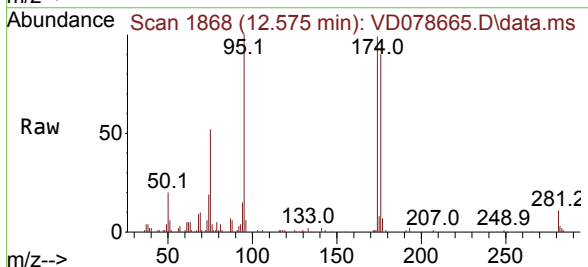
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

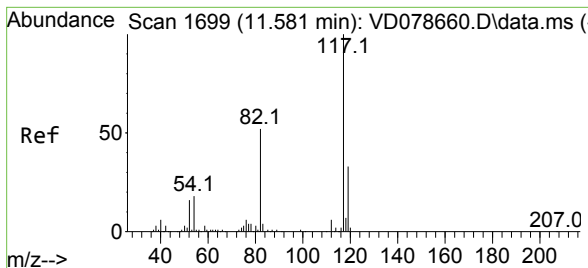
Tgt Ion:107 Resp: 62876  
Ion Ratio Lower Upper  
107 100  
109 94.5 74.8 112.2



#62  
4-Bromofluorobenzene  
Concen: 51.116 ug/l  
RT: 12.575 min Scan# 1868  
Delta R.T. 0.006 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

Tgt Ion: 95 Resp: 85677  
Ion Ratio Lower Upper  
95 100  
174 98.4 0.0 195.2  
176 93.5 0.0 188.2

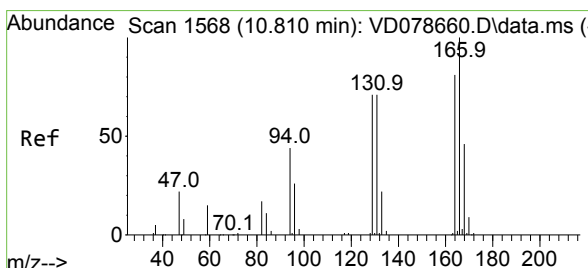
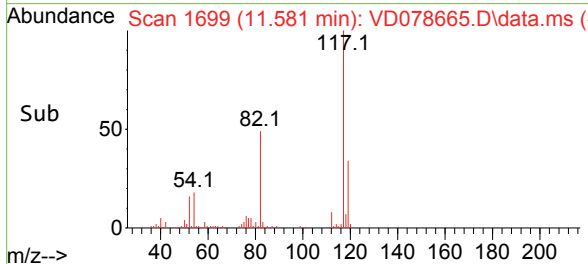
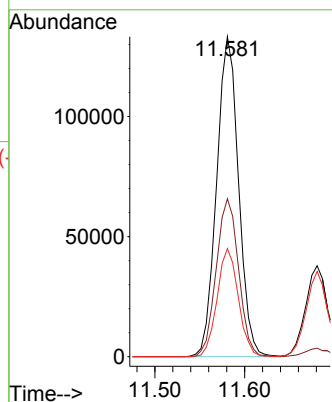
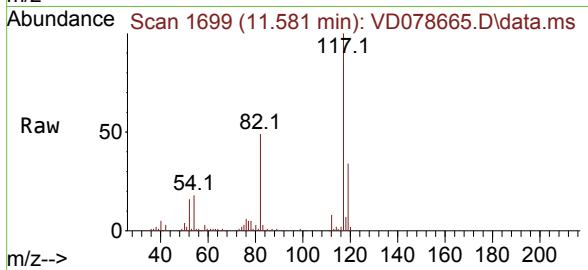




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.581 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

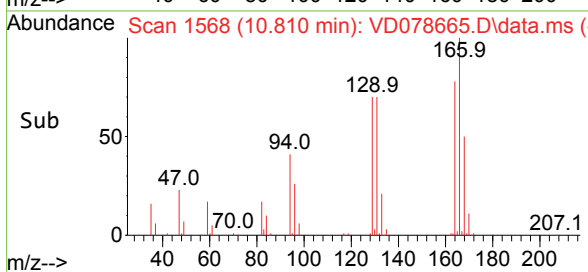
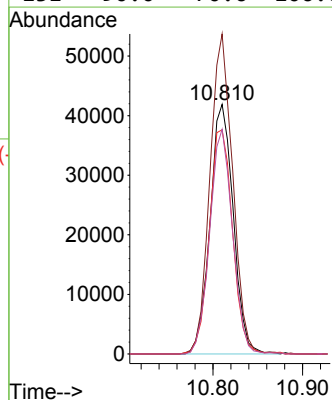
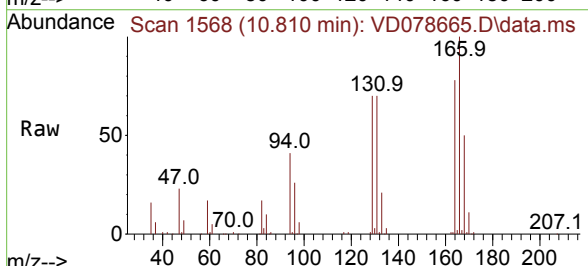
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

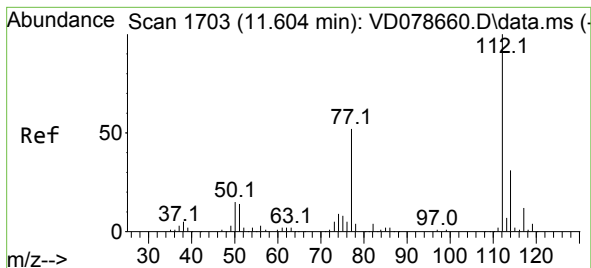
Tgt Ion:117 Resp: 226301  
Ion Ratio Lower Upper  
117 100  
82 49.4 41.4 62.2  
119 33.8 26.5 39.7



#64  
Tetrachloroethene  
Concen: 50.285 ug/l  
RT: 10.810 min Scan# 1568  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

Tgt Ion:164 Resp: 75305  
Ion Ratio Lower Upper  
164 100  
166 128.2 98.9 148.3  
129 89.8 70.3 105.5  
131 90.0 70.6 106.0

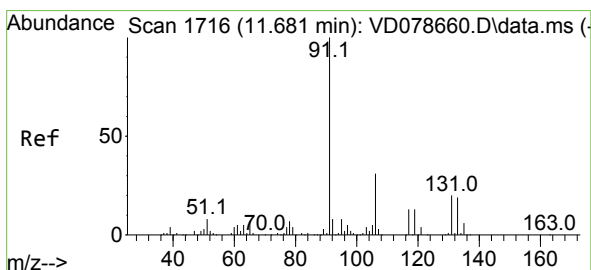
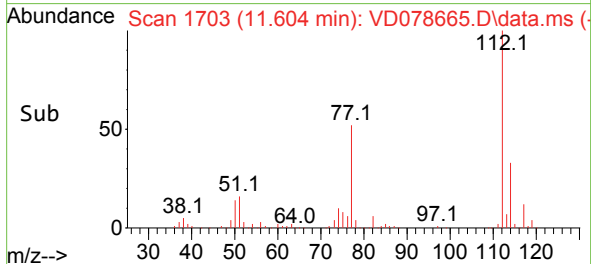
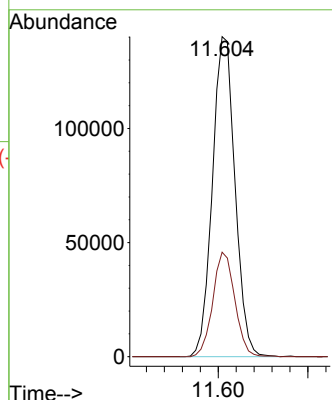
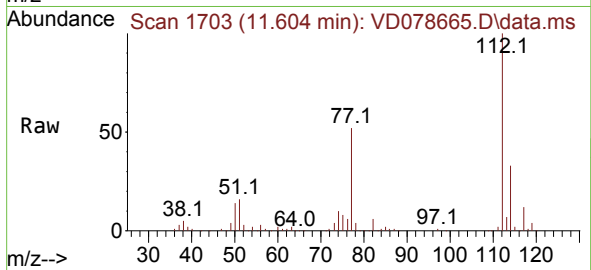




#65  
Chlorobenzene  
Concen: 51.838 ug/l  
RT: 11.604 min Scan# 1703  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

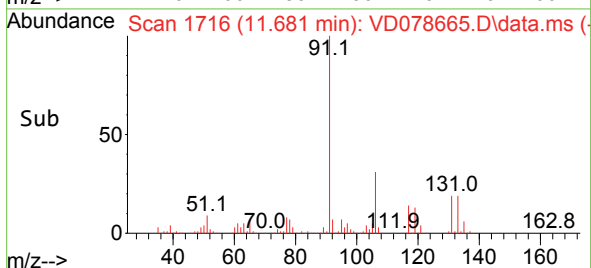
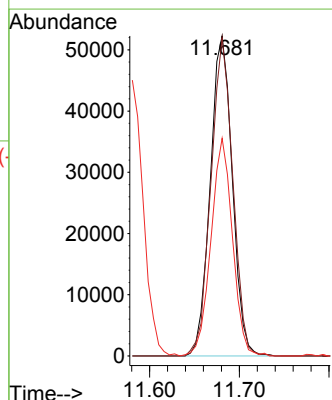
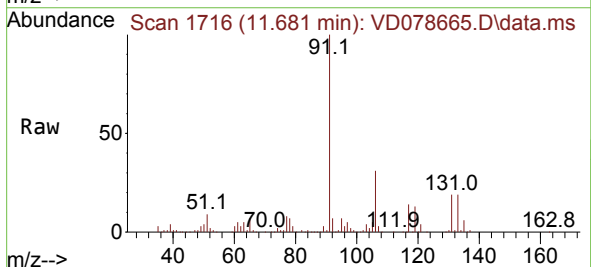
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

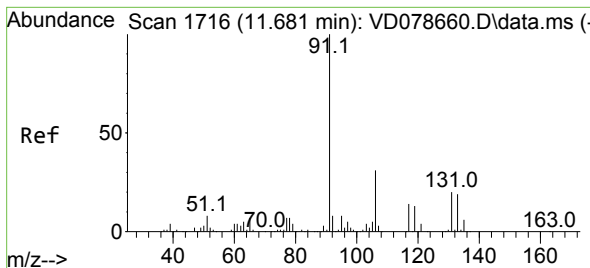
Tgt Ion:112 Resp: 245140  
Ion Ratio Lower Upper  
112 100  
114 32.6 25.0 37.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.494 ug/l  
RT: 11.681 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

Tgt Ion:131 Resp: 89182  
Ion Ratio Lower Upper  
131 100  
133 98.6 47.6 142.9  
119 66.3 34.1 102.3





#67

Ethyl Benzene

Concen: 53.445 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD078665.D

Acq: 14 Mar 2024 13:49

Instrument :

MSVOA\_D

ClientSampleId :

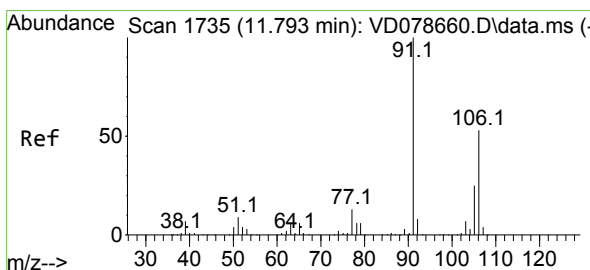
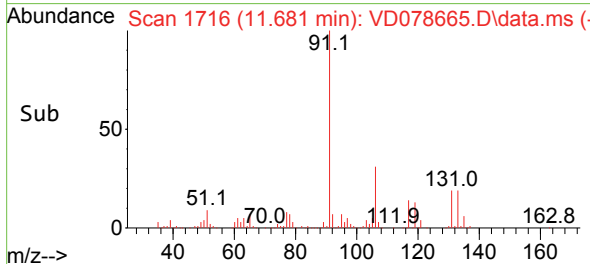
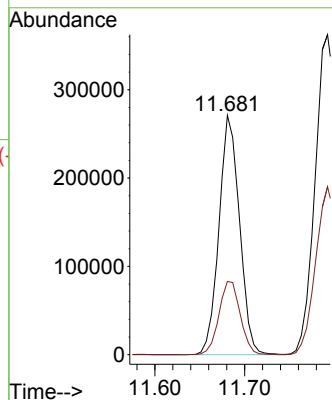
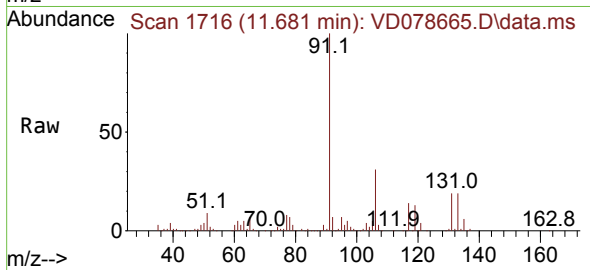
VSTDCCC050

Tgt Ion: 91 Resp: 430688

Ion Ratio Lower Upper

91 100

106 30.6 24.5 36.7



#68

m/p-Xylenes

Concen: 105.612 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD078665.D

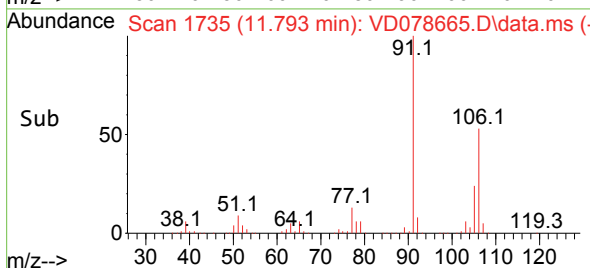
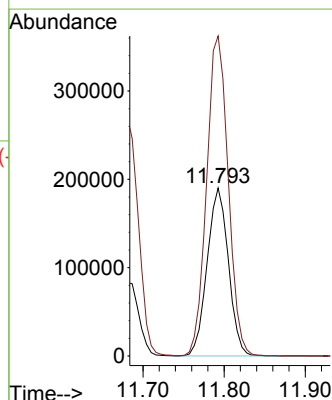
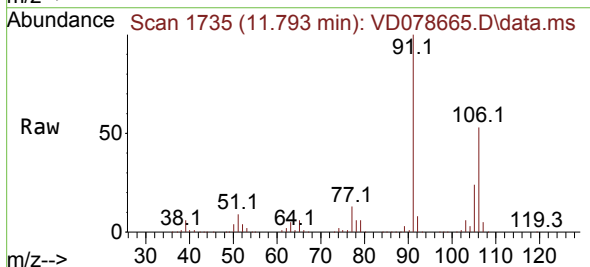
Acq: 14 Mar 2024 13:49

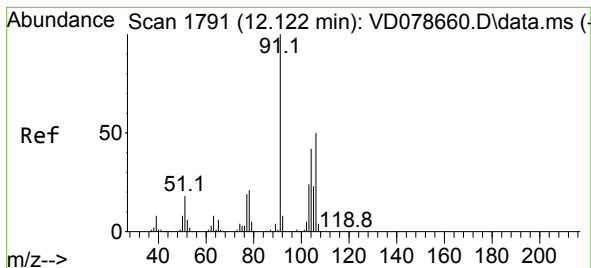
Tgt Ion: 106 Resp: 345594

Ion Ratio Lower Upper

106 100

91 193.7 154.4 231.6

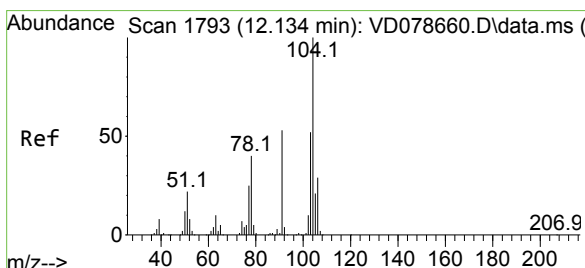
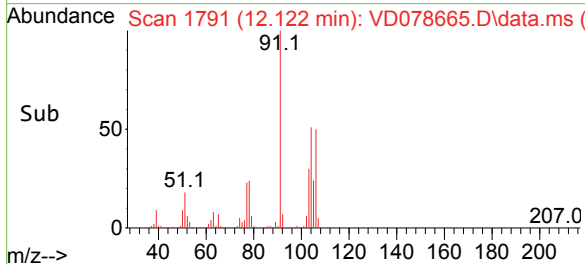
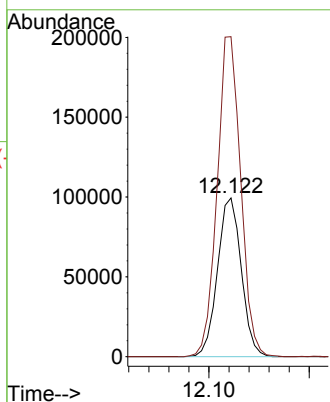
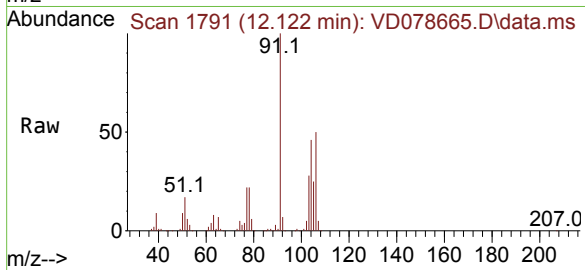




#69  
o-Xylene  
Concen: 54.020 ug/l  
RT: 12.122 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

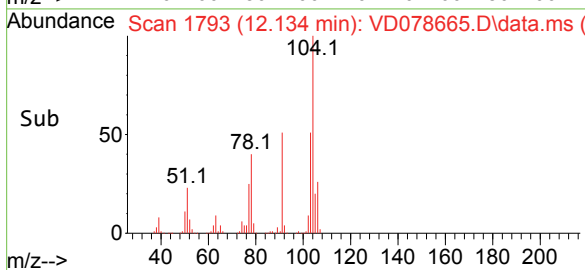
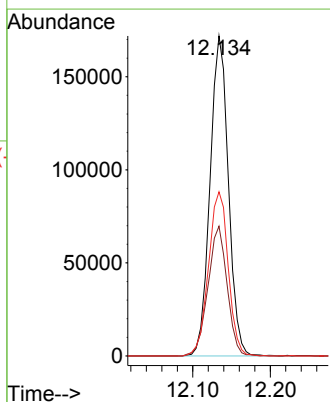
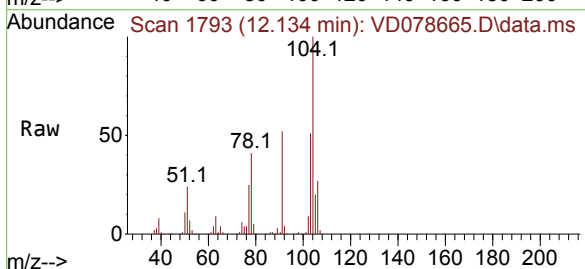
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

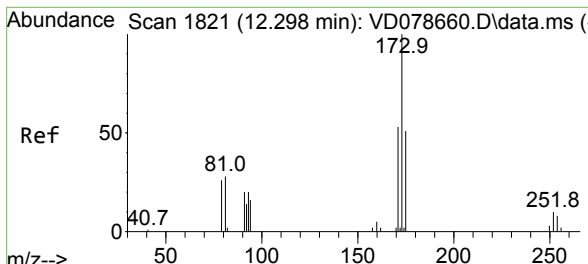
Tgt Ion:106 Resp: 163553  
Ion Ratio Lower Upper  
106 100  
91 199.9 99.6 298.7



#70  
Styrene  
Concen: 55.625 ug/l  
RT: 12.134 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

Tgt Ion:104 Resp: 282673  
Ion Ratio Lower Upper  
104 100  
78 42.3 34.6 52.0  
103 55.1 44.2 66.2

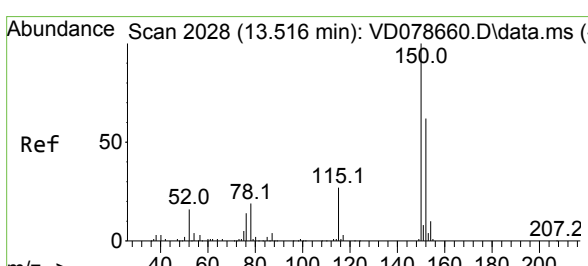
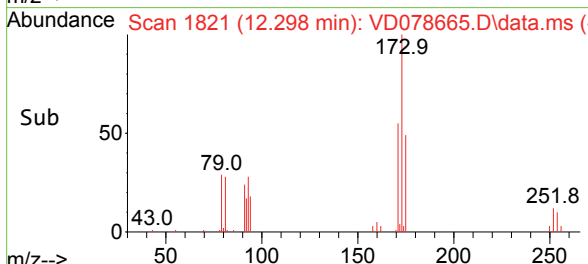
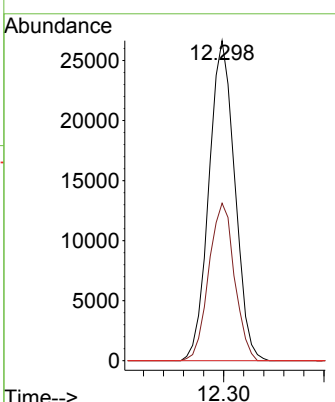
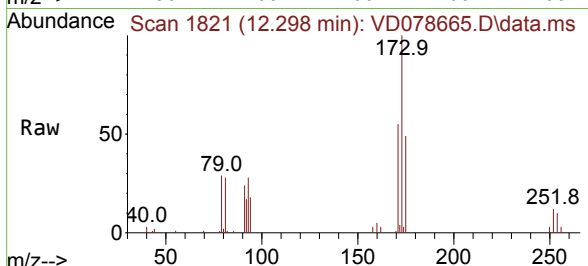




#71  
 Bromoform  
 Concen: 50.933 ug/l  
 RT: 12.298 min Scan# 1821  
 Delta R.T. -0.000 min  
 Lab File: VD078665.D  
 Acq: 14 Mar 2024 13:49

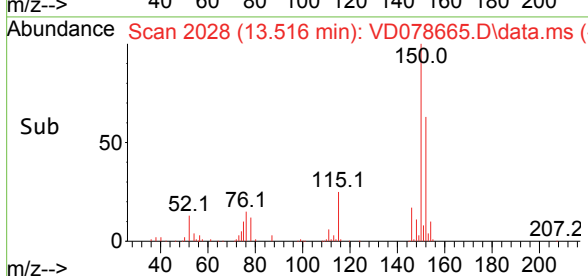
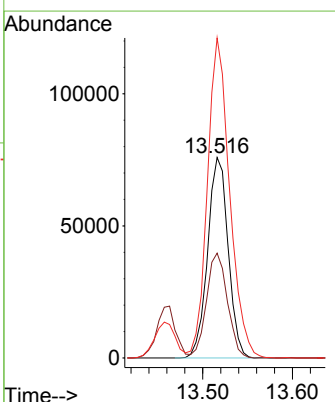
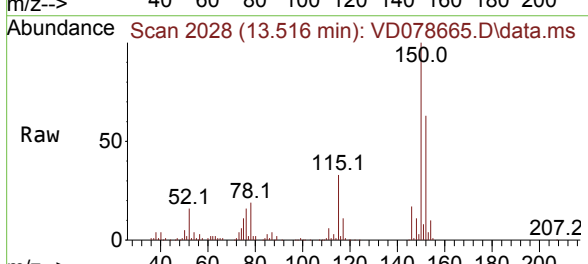
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

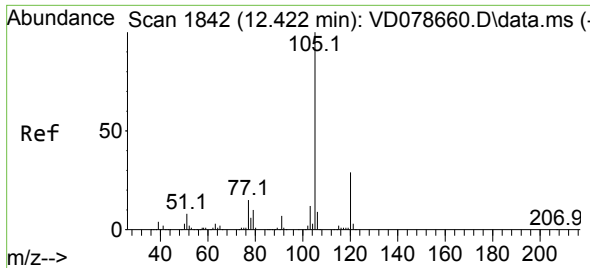
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 47671 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 48.8  | 25.8  | 77.4  |
| 254       | 0.0   | 0.0   | 0.0   |



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.516 min Scan# 2028  
 Delta R.T. -0.000 min  
 Lab File: VD078665.D  
 Acq: 14 Mar 2024 13:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 120558 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 53.0  | 27.1  | 81.2   |
| 150       | 172.9 | 0.0   | 350.2  |

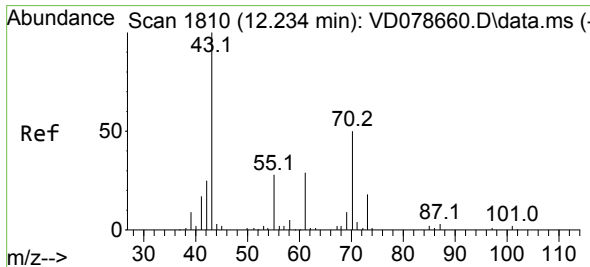
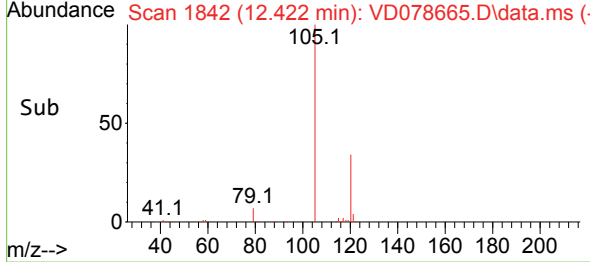
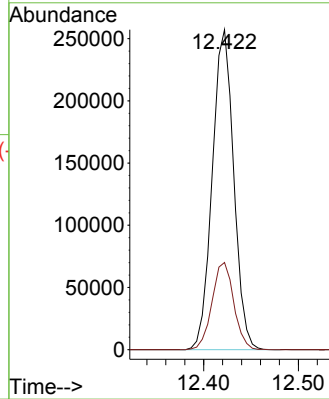
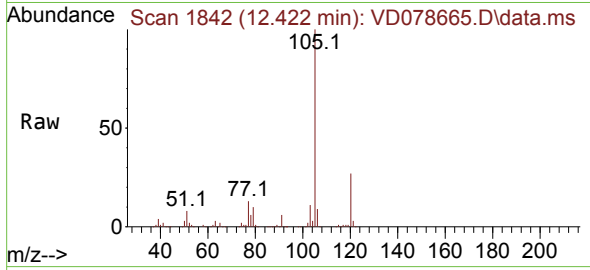




#73  
Isopropylbenzene  
Concen: 51.017 ug/l  
RT: 12.422 min Scan# 1842  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

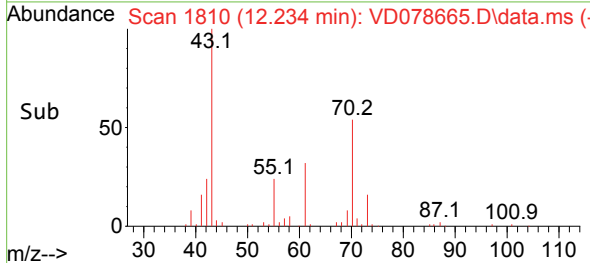
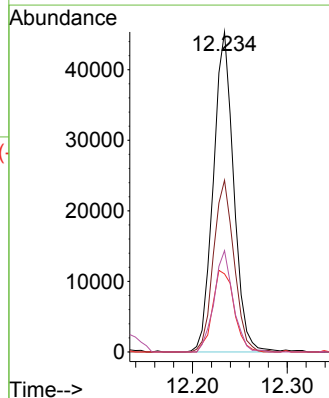
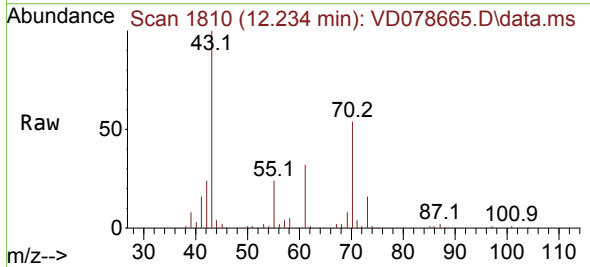
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

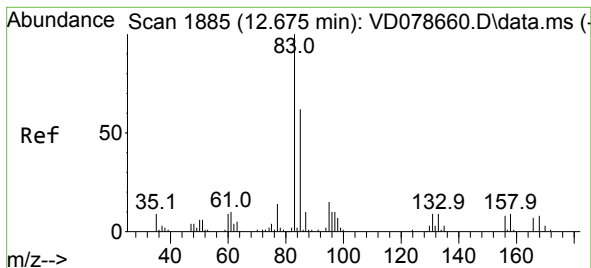
Tgt Ion:105 Resp: 404952  
Ion Ratio Lower Upper  
105 100  
120 27.7 13.7 41.0



#74  
N-ethyl acetate  
Concen: 52.493 ug/l  
RT: 12.234 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

Tgt Ion: 43 Resp: 67650  
Ion Ratio Lower Upper  
43 100  
70 54.2 42.1 63.1  
55 27.1 22.6 33.8  
61 29.7 22.6 34.0

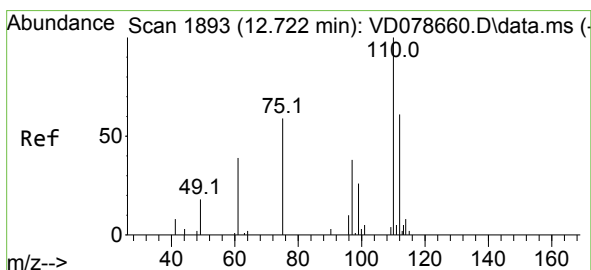
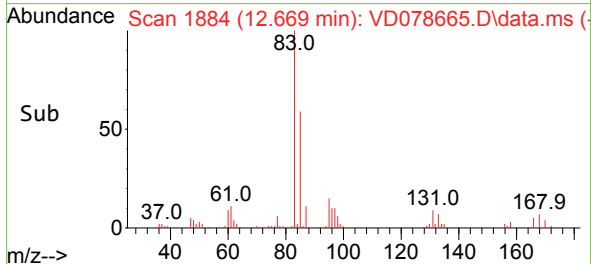
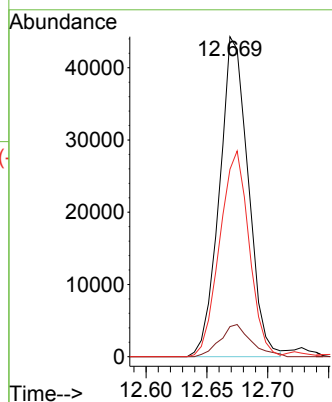
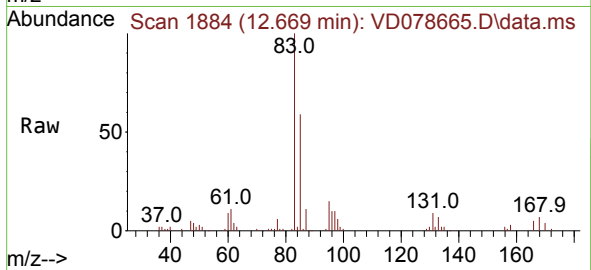




#75  
1,1,2,2-Tetrachloroethane  
Concen: 49.415 ug/l  
RT: 12.669 min Scan# 1884  
Delta R.T. -0.006 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

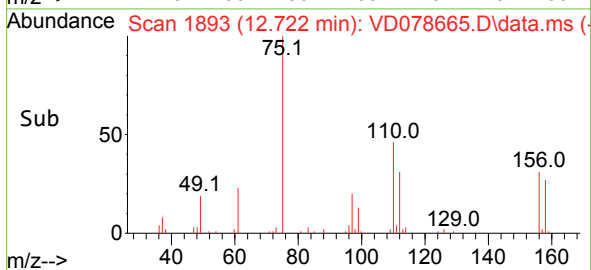
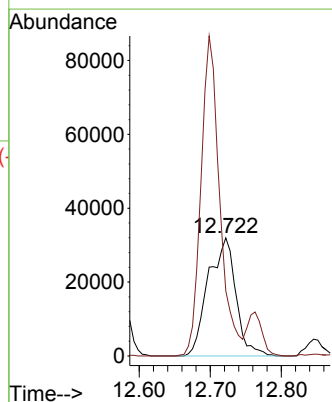
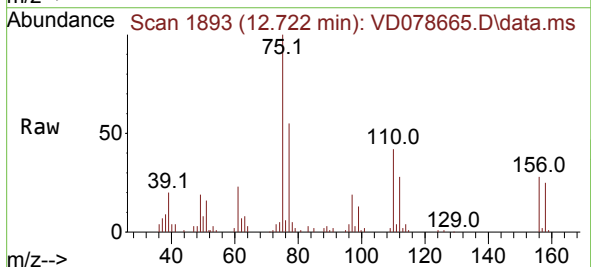
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

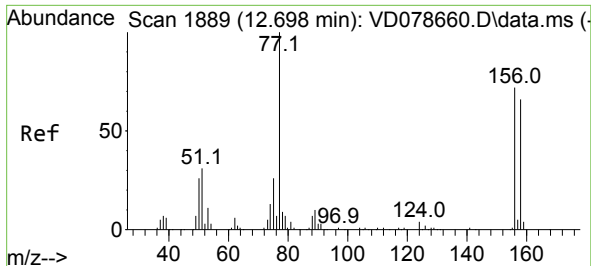
Tgt Ion: 83 Resp: 72611  
Ion Ratio Lower Upper  
83 100  
131 10.8 4.9 14.7  
85 65.8 32.2 96.6



#76  
1,2,3-Trichloropropane  
Concen: 93.045 ug/l  
RT: 12.722 min Scan# 1893  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

Tgt Ion: 75 Resp: 86423  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

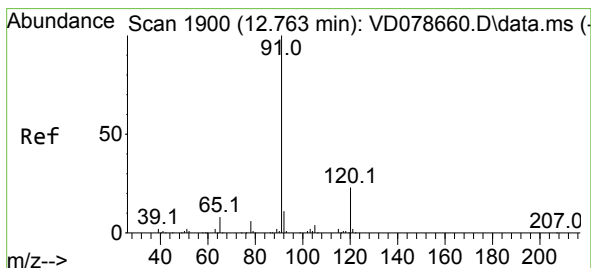
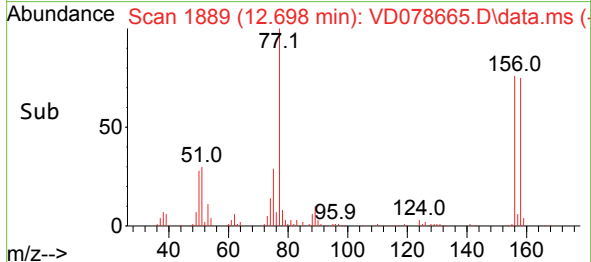
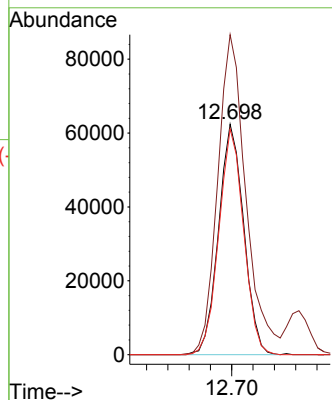
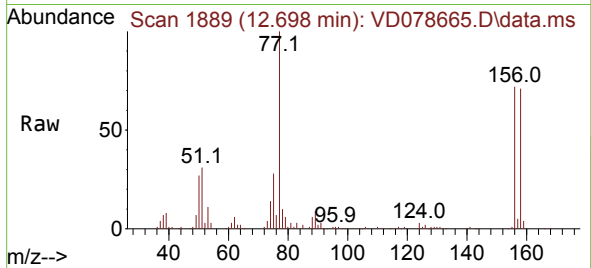




#77  
Bromobenzene  
Concen: 51.979 ug/l  
RT: 12.698 min Scan# 1889  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

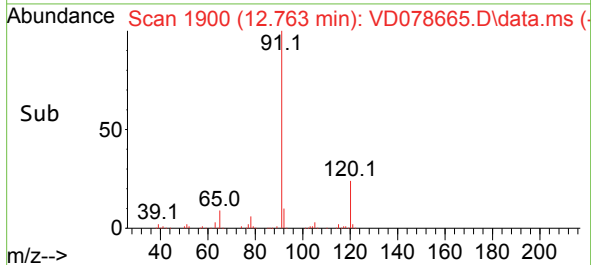
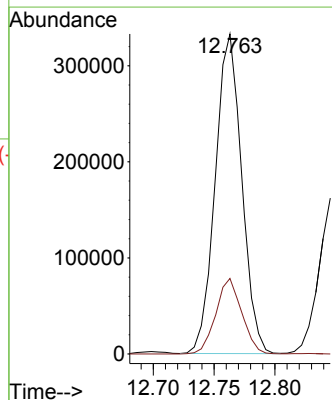
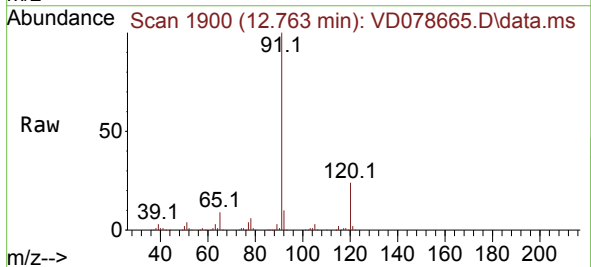
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

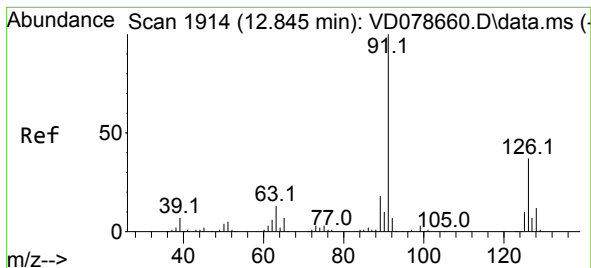
Tgt Ion:156 Resp: 102320  
Ion Ratio Lower Upper  
156 100  
77 156.0 79.1 237.3  
158 96.4 47.0 141.0



#78  
n-propylbenzene  
Concen: 52.092 ug/l  
RT: 12.763 min Scan# 1900  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

Tgt Ion: 91 Resp: 503307  
Ion Ratio Lower Upper  
91 100  
120 23.1 11.7 35.1





#79

2-Chlorotoluene

Concen: 51.380 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VD078665.D

Acq: 14 Mar 2024 13:49

Instrument :

MSVOA\_D

ClientSampleId :

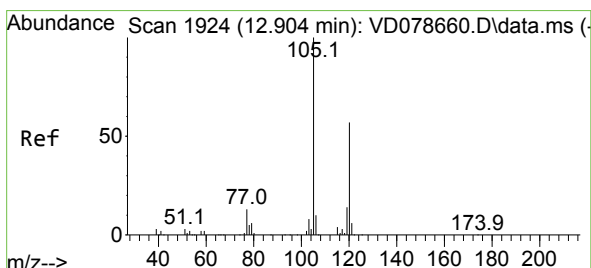
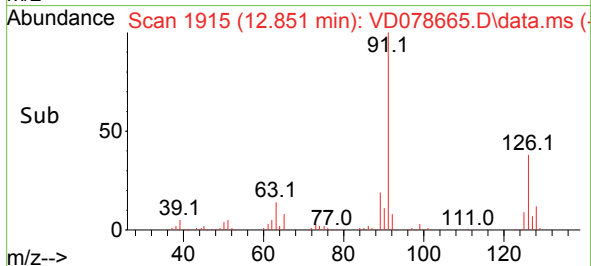
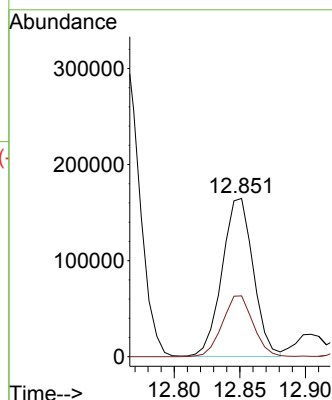
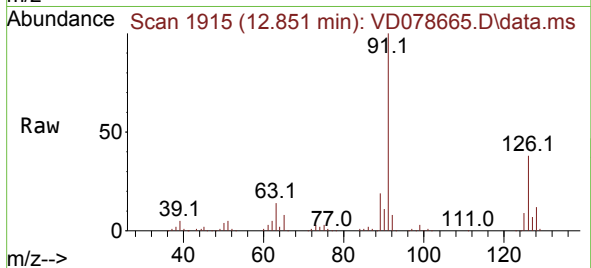
VSTDCCC050

Tgt Ion: 91 Resp: 272334

Ion Ratio Lower Upper

91 100

126 38.1 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 51.987 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD078665.D

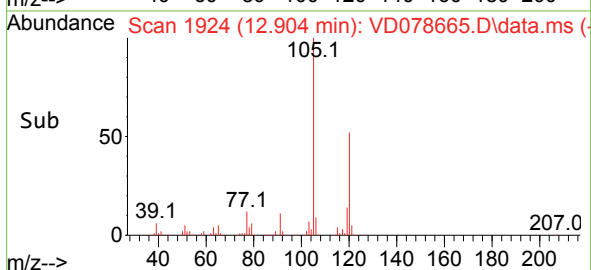
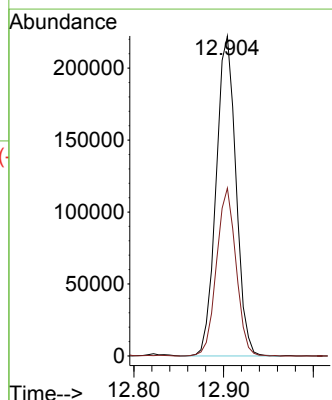
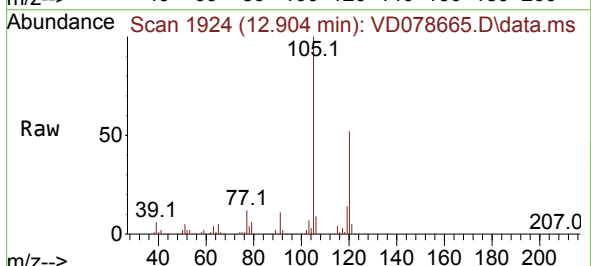
Acq: 14 Mar 2024 13:49

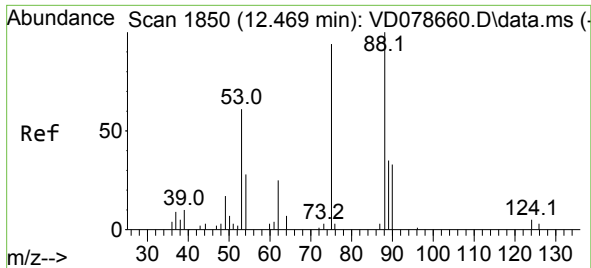
Tgt Ion: 105 Resp: 341238

Ion Ratio Lower Upper

105 100

120 51.5 25.9 77.7

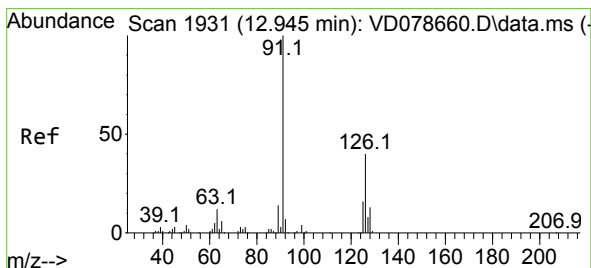
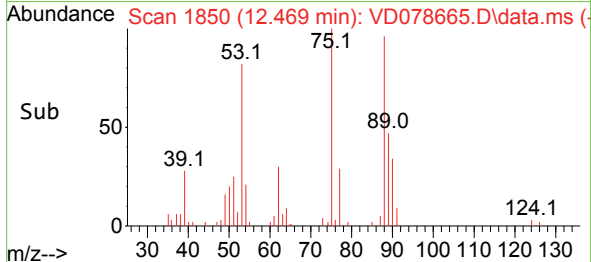
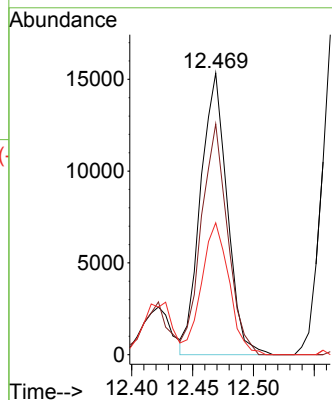
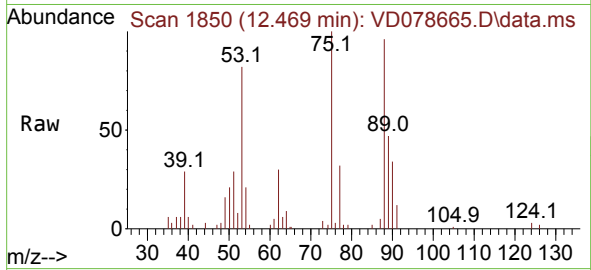




#81  
trans-1,4-Dichloro-2-butene  
Concen: 52.612 ug/l  
RT: 12.469 min Scan# 1850  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

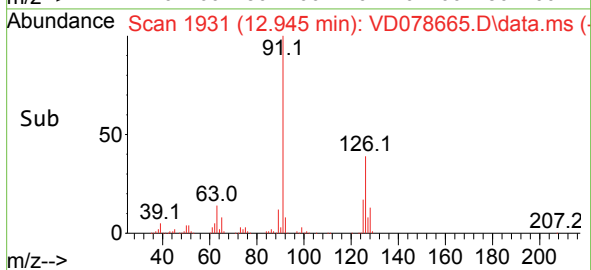
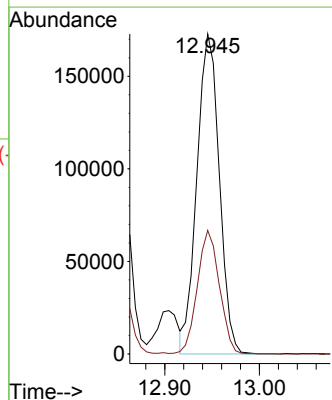
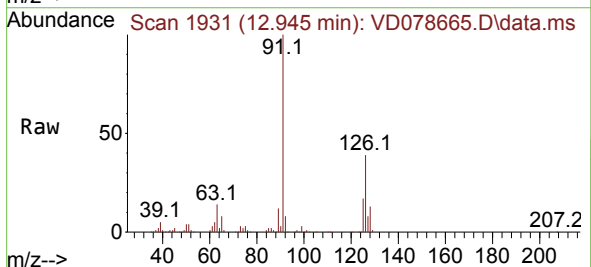
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

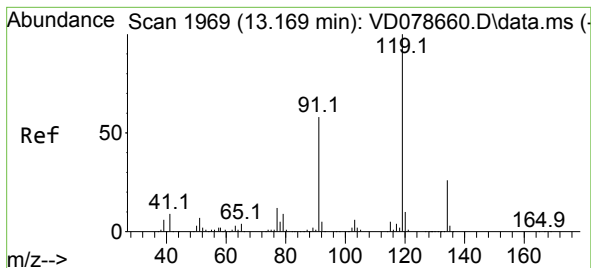
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 23313 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 81.0  | 61.0  | 91.6  |
| 89       | 48.5  | 35.4  | 53.0  |



#82  
4-Chlorotoluene  
Concen: 50.771 ug/l  
RT: 12.945 min Scan# 1931  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 284632 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 38.1  | 18.9  | 56.5   |





#83

tert-Butylbenzene

Concen: 52.785 ug/l

RT: 13.163 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VD078665.D

Acq: 14 Mar 2024 13:49

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

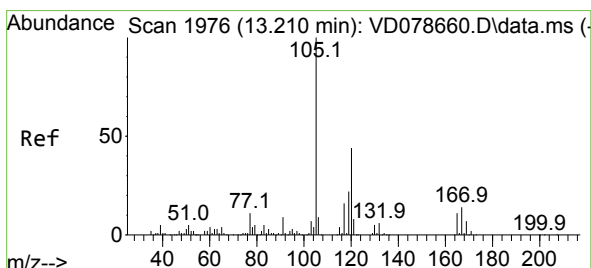
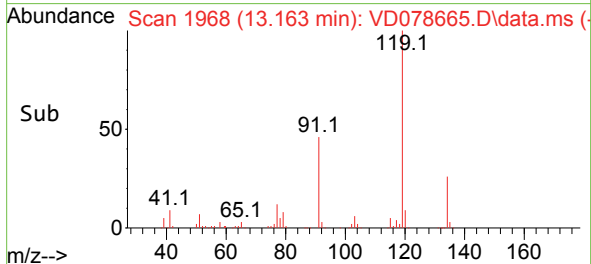
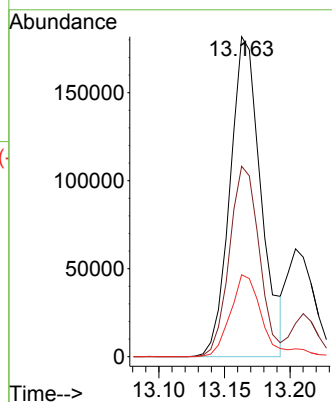
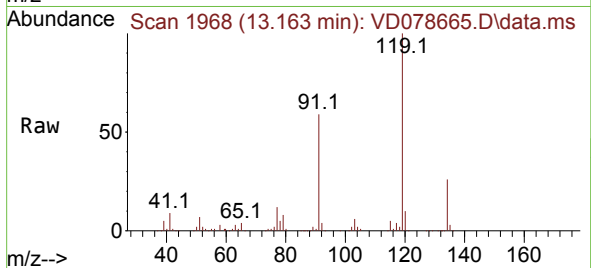
Tgt Ion:119 Resp: 298755

Ion Ratio Lower Upper

119 100

91 57.4 28.9 86.7

134 26.7 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 53.003 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD078665.D

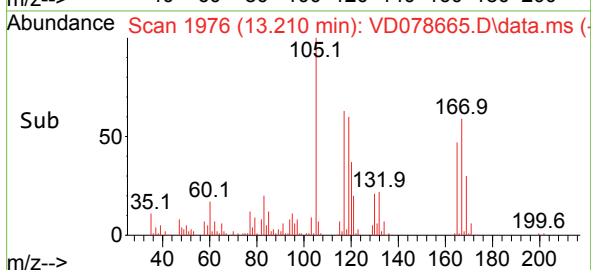
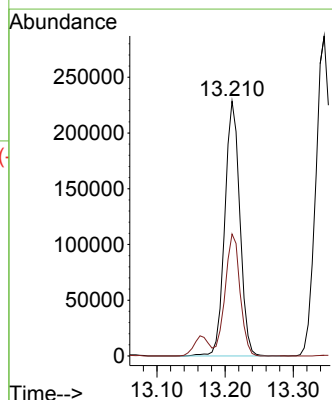
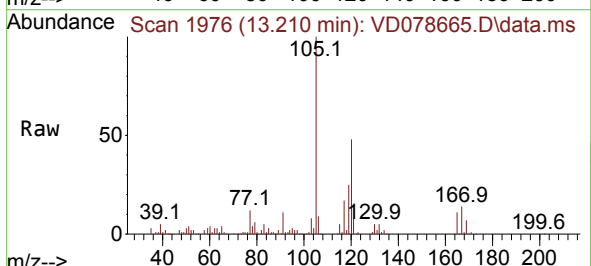
Acq: 14 Mar 2024 13:49

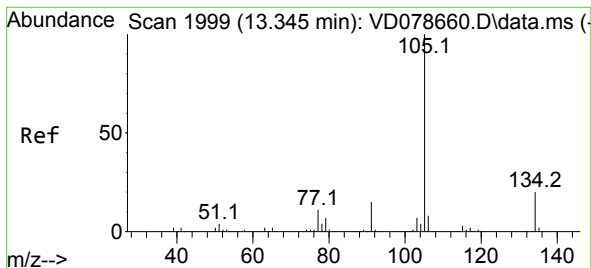
Tgt Ion:105 Resp: 350613

Ion Ratio Lower Upper

105 100

120 47.7 23.1 69.2





#85

sec-Butylbenzene

Concen: 51.660 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078665.D

Acq: 14 Mar 2024 13:49

Instrument :

MSVOA\_D

ClientSampleId :

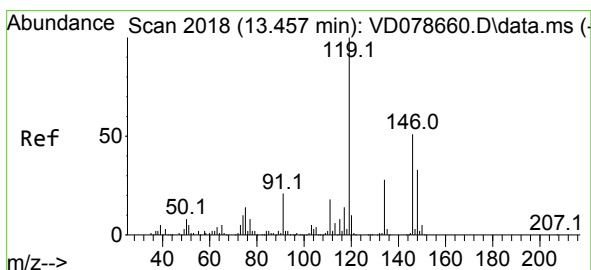
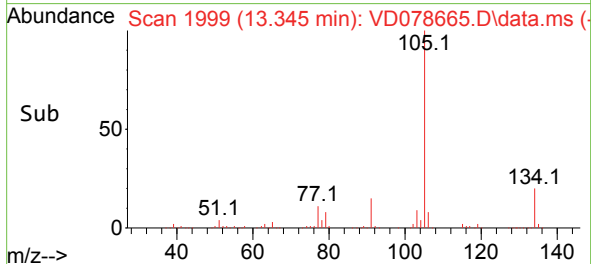
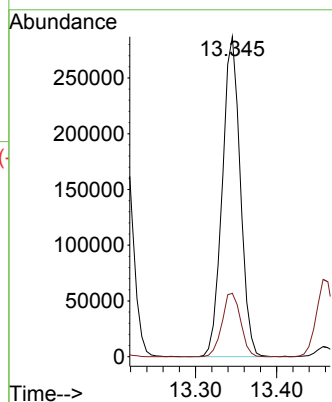
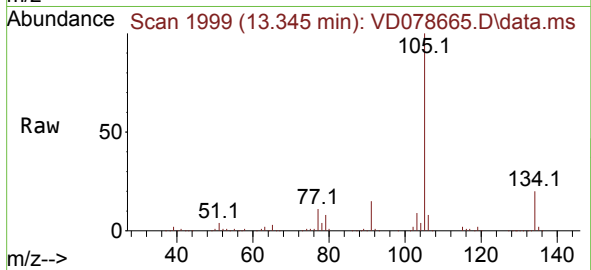
VSTDCCC050

Tgt Ion:105 Resp: 442471

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.2



#86

p-Isopropyltoluene

Concen: 52.487 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD078665.D

Acq: 14 Mar 2024 13:49

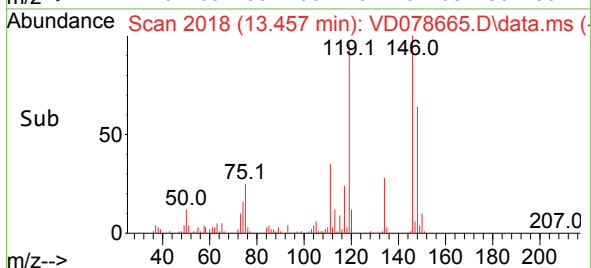
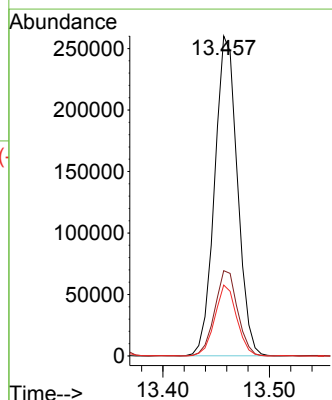
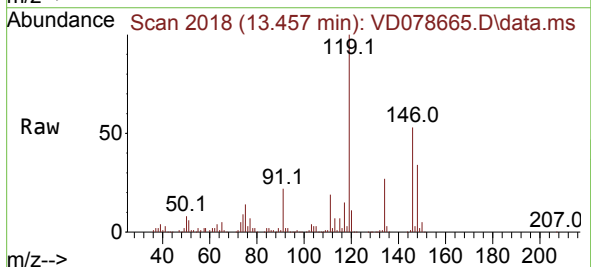
Tgt Ion:119 Resp: 384854

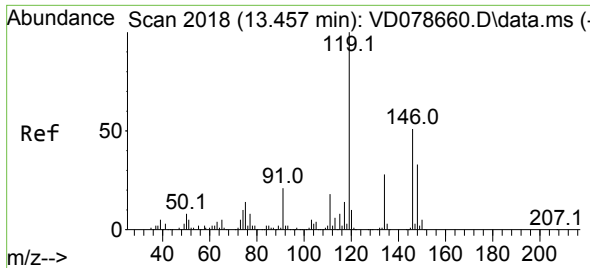
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.5

91 21.4 10.4 31.2

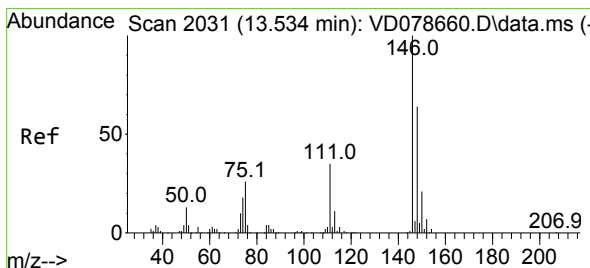
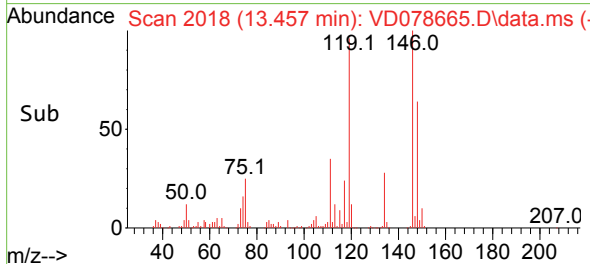
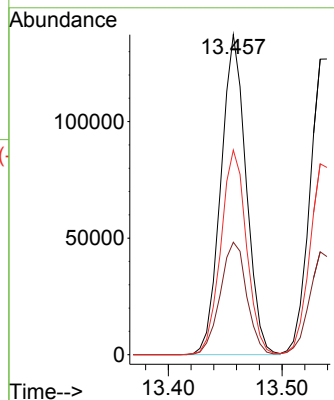
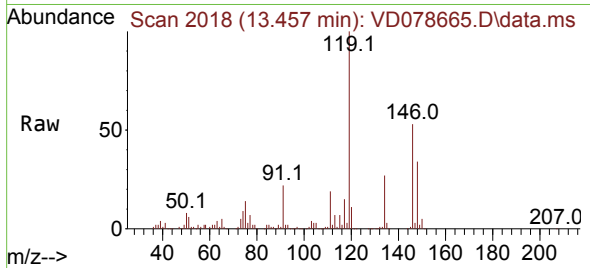




#87  
1,3-Dichlorobenzene  
Concen: 51.065 ug/l  
RT: 13.457 min Scan# 2018  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

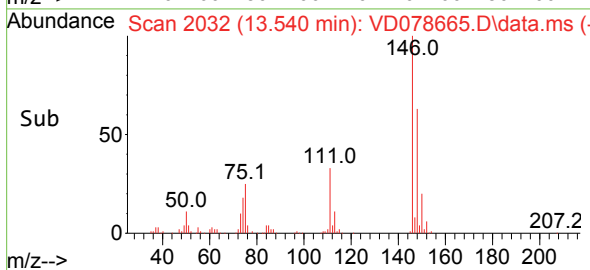
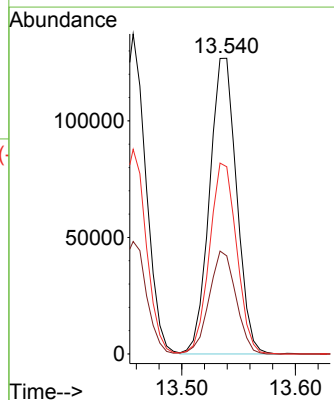
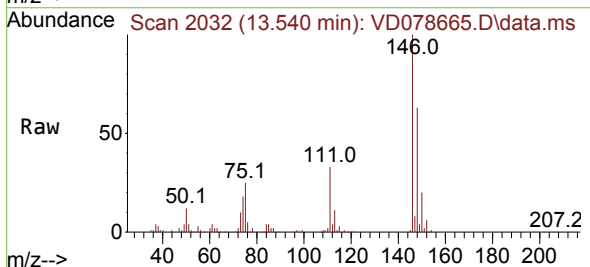
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

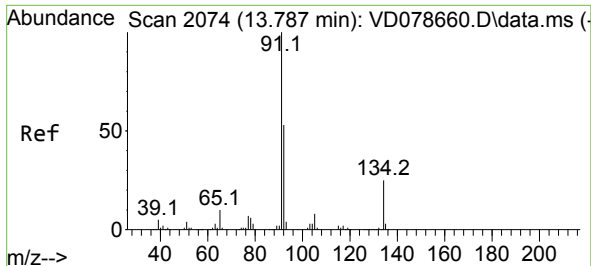
Tgt Ion:146 Resp: 212126  
Ion Ratio Lower Upper  
146 100  
111 37.0 18.2 54.6  
148 64.9 31.1 93.5



#88  
1,4-Dichlorobenzene  
Concen: 51.416 ug/l  
RT: 13.540 min Scan# 2032  
Delta R.T. 0.006 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

Tgt Ion:146 Resp: 210494  
Ion Ratio Lower Upper  
146 100  
111 34.4 17.8 53.3  
148 64.5 32.4 97.0

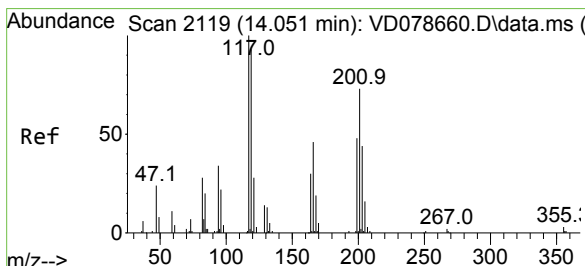
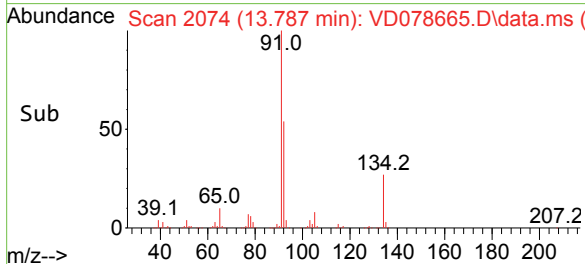
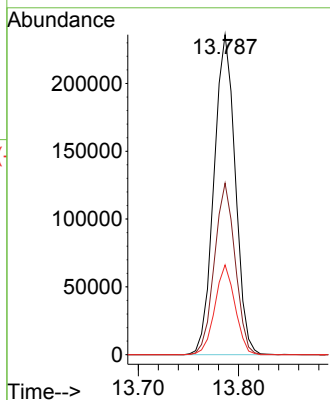
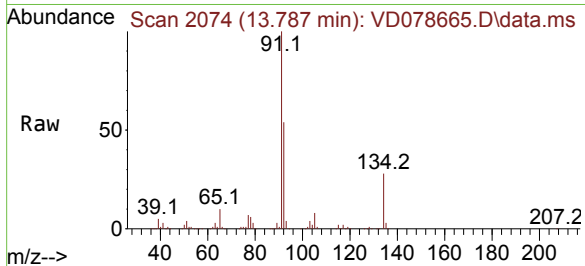




#89  
n-Butylbenzene  
Concen: 52.537 ug/l  
RT: 13.787 min Scan# 2074  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

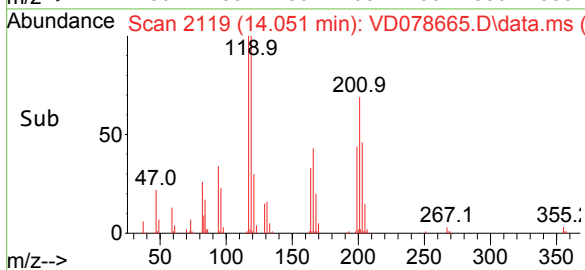
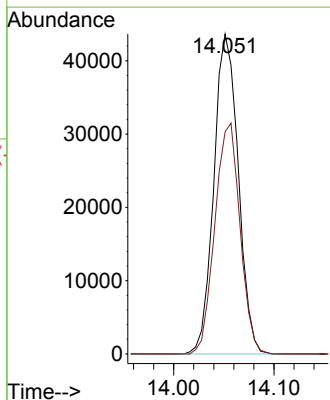
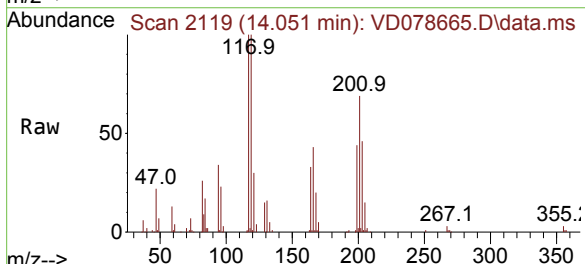
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

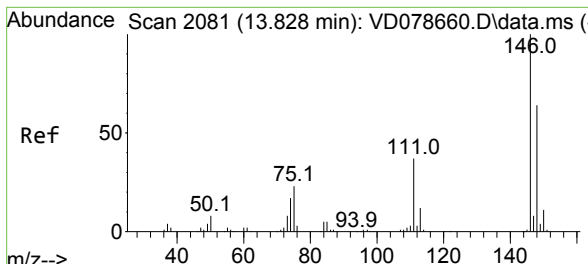
Tgt Ion: 91 Resp: 347898  
Ion Ratio Lower Upper  
91 100  
92 52.1 26.4 79.0  
134 26.5 13.0 38.9



#90  
Hexachloroethane  
Concen: 48.549 ug/l  
RT: 14.051 min Scan# 2119  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

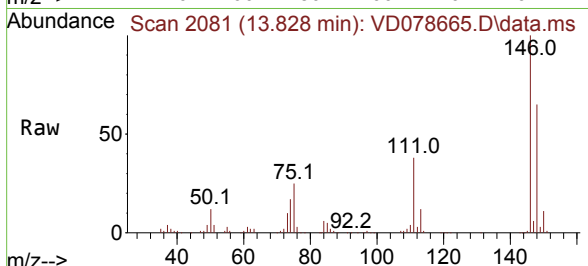
Tgt Ion: 117 Resp: 73658  
Ion Ratio Lower Upper  
117 100  
201 74.3 36.2 108.6





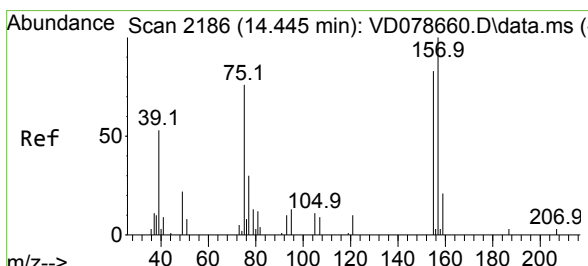
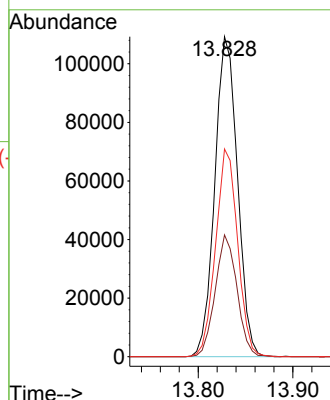
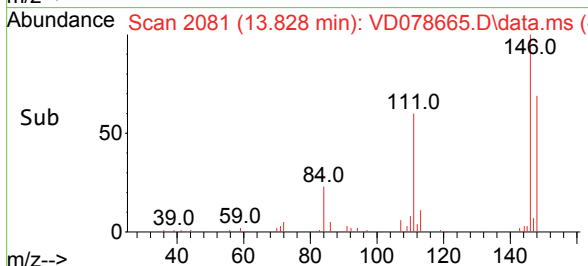
#91  
 1,2-Dichlorobenzene  
 Concen: 50.778 ug/l  
 RT: 13.828 min Scan# 2081  
 Delta R.T. -0.000 min  
 Lab File: VD078665.D  
 Acq: 14 Mar 2024 13:49

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

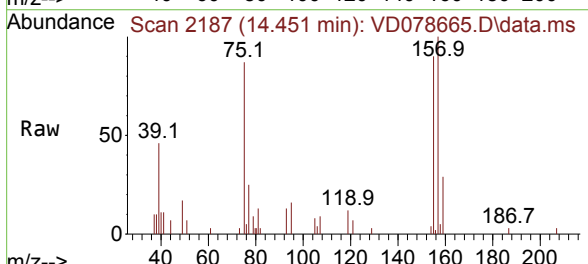


Tgt Ion:146 Resp: 181669

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 36.6  | 18.6  | 56.0  |
| 148 | 63.2  | 32.1  | 96.5  |

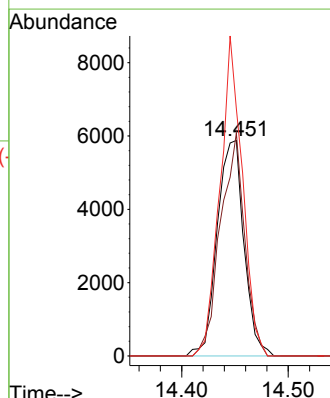
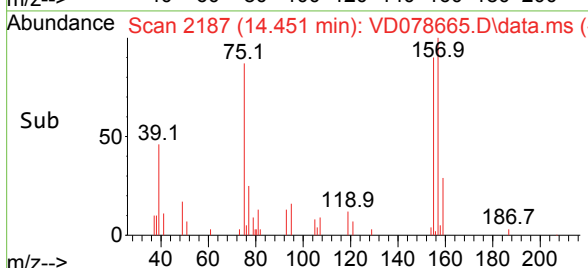


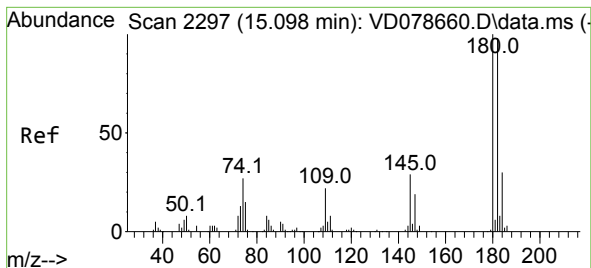
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 52.094 ug/l  
 RT: 14.451 min Scan# 2187  
 Delta R.T. 0.006 min  
 Lab File: VD078665.D  
 Acq: 14 Mar 2024 13:49



Tgt Ion: 75 Resp: 10240

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 155 | 93.8  | 49.8  | 149.3 |
| 157 | 124.2 | 65.5  | 196.3 |





#93

1,2,4-Trichlorobenzene

Concen: 52.171 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD078665.D

Acq: 14 Mar 2024 13:49

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

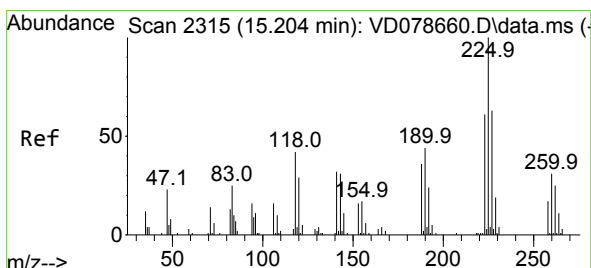
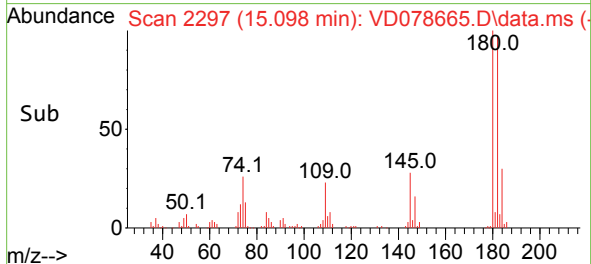
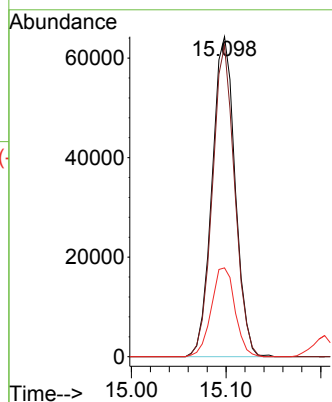
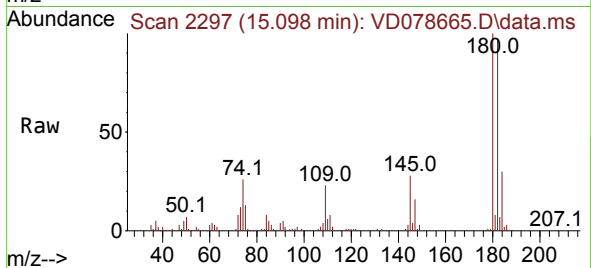
Tgt Ion:180 Resp: 108932

Ion Ratio Lower Upper

180 100

182 94.0 49.7 149.1

145 28.5 14.6 44.0



#94

Hexachlorobutadiene

Concen: 50.970 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078665.D

Acq: 14 Mar 2024 13:49

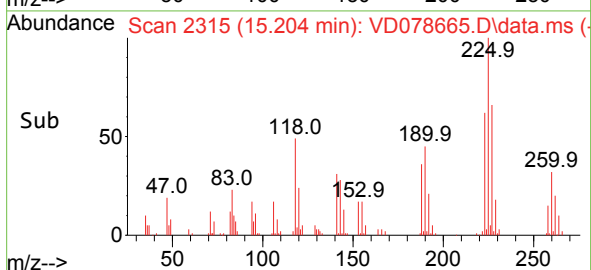
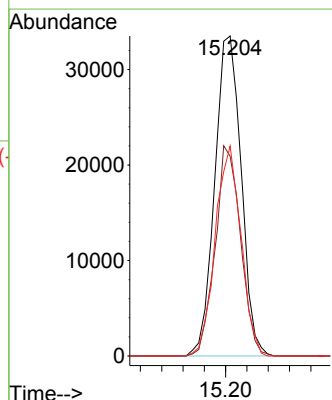
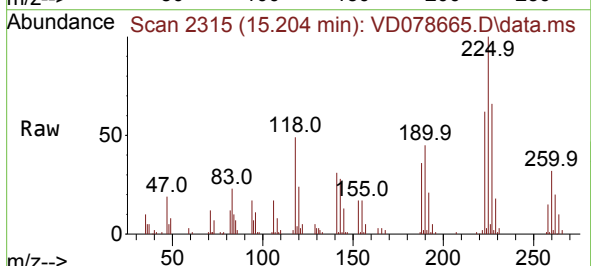
Tgt Ion:225 Resp: 57616

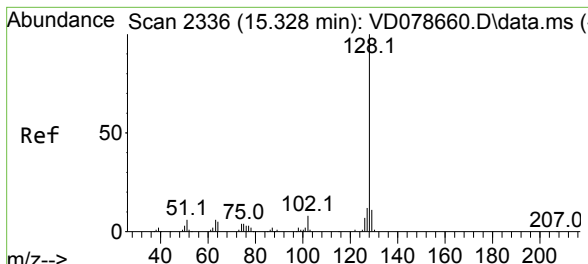
Ion Ratio Lower Upper

225 100

223 63.1 31.9 95.7

227 64.0 32.0 96.0

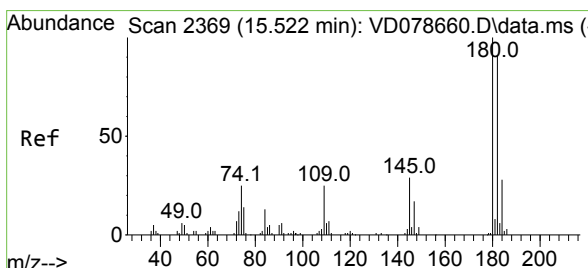
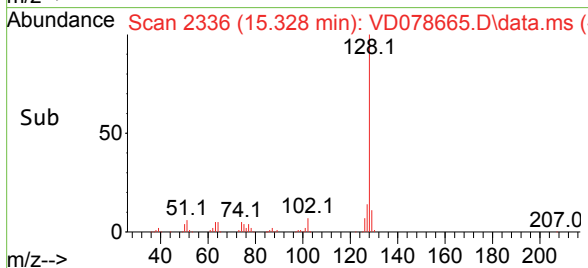
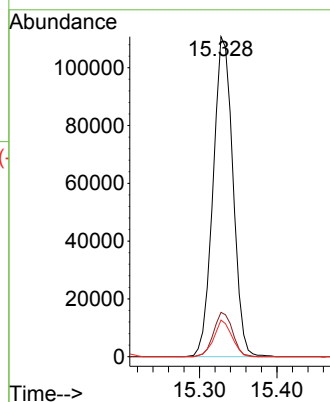
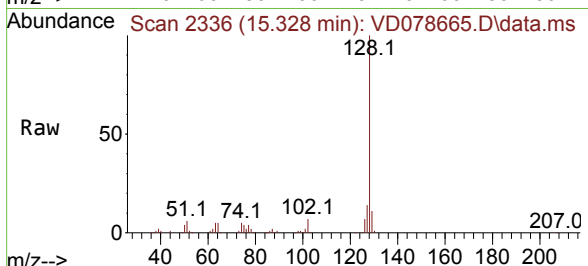




#95  
Naphthalene  
Concen: 54.216 ug/l  
RT: 15.328 min Scan# 2336  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 196817 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.8  | 9.3   | 13.9   |
| 129       | 11.4  | 8.9   | 13.3   |



#96  
1,2,3-Trichlorobenzene  
Concen: 52.439 ug/l  
RT: 15.522 min Scan# 2369  
Delta R.T. -0.000 min  
Lab File: VD078665.D  
Acq: 14 Mar 2024 13:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 94725 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.2  | 46.7  | 140.1 |
| 145       | 30.5  | 14.4  | 43.4  |

