

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN072822\  
 Data File : VN073616.D  
 Acq On : 28 Jul 2022 10:55  
 Operator : JC\MD  
 Sample : VSTDICC005  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC005

Quant Time: Jul 29 01:30:39 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N072822W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 29 01:29:16 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.016  | 168  | 332557   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.904  | 114  | 568127   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.686 | 117  | 513668   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.615 | 152  | 213902   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.369  | 65    | 22480    | 5.547    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 11.100%# |
| 35) Dibromofluoromethane    | 7.951  | 113   | 18014    | 5.050    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 10.100%# |
| 50) Toluene-d8              | 10.380 | 98    | 69144    | 4.925    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 9.860%#  |
| 62) 4-Bromofluorobenzene    | 12.674 | 95    | 19460    | 4.483    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 8.960%#  |

|                              |       |     |        |        |        |    |
|------------------------------|-------|-----|--------|--------|--------|----|
| Target Compounds             |       |     |        | Qvalue |        |    |
| 2) Dichlorodifluoromethane   | 2.046 | 85  | 15052  | 4.741  | ug/l   | 88 |
| 3) Chloromethane             | 2.269 | 50  | 23428  | 5.046  | ug/l   | 96 |
| 4) Vinyl Chloride            | 2.404 | 62  | 29266  | 5.226  | ug/l   | 97 |
| 5) Bromomethane              | 2.781 | 94  | 18748  | 5.730  | ug/l   | 91 |
| 6) Chloroethane              | 2.951 | 64  | 21090  | 5.372  | ug/l   | 98 |
| 7) Trichlorofluoromethane    | 3.304 | 101 | 29389  | 5.077  | ug/l   | 98 |
| 8) Diethyl Ether             | 3.763 | 74  | 11194  | 5.273  | ug/l   | 95 |
| 9) 1,1,2-Trichlorotrifluo... | 4.128 | 101 | 16491  | 4.999  | ug/l   | 95 |
| 10) Methyl Iodide            | 4.357 | 142 | 13959  | 4.269  | ug/l   | 96 |
| 11) Tert butyl alcohol       | 5.292 | 59  | 22179  | 25.375 | ug/l   | 99 |
| 12) 1,1-Dichloroethene       | 4.116 | 96  | 16067  | 5.192  | ug/l # | 82 |
| 13) Acrolein                 | 3.981 | 56  | 23243  | 26.824 | ug/l   | 95 |
| 14) Allyl chloride           | 4.757 | 41  | 26527  | 5.180  | ug/l   | 95 |
| 15) Acrylonitrile            | 5.481 | 53  | 63942  | 26.727 | ug/l   | 98 |
| 16) Acetone                  | 4.222 | 43  | 55720  | 25.669 | ug/l   | 97 |
| 17) Carbon Disulfide         | 4.451 | 76  | 42804  | 5.043  | ug/l   | 99 |
| 18) Methyl Acetate           | 4.781 | 43  | 28501  | 5.280  | ug/l   | 97 |
| 19) Methyl tert-butyl Ether  | 5.534 | 73  | 53477  | 5.047  | ug/l   | 98 |
| 20) Methylene Chloride       | 5.016 | 84  | 23338  | 5.405  | ug/l   | 98 |
| 21) trans-1,2-Dichloroethene | 5.504 | 96  | 17558  | 5.125  | ug/l   | 85 |
| 22) Diisopropyl ether        | 6.410 | 45  | 55889  | 5.264  | ug/l   | 94 |
| 23) Vinyl Acetate            | 6.351 | 43  | 224517 | 24.928 | ug/l   | 97 |
| 24) 1,1-Dichloroethane       | 6.304 | 63  | 34981  | 5.330  | ug/l   | 97 |
| 25) 2-Butanone               | 7.263 | 43  | 89891  | 26.439 | ug/l   | 96 |
| 26) 2,2-Dichloropropane      | 7.245 | 77  | 25327  | 4.786  | ug/l   | 99 |
| 27) cis-1,2-Dichloroethene   | 7.245 | 96  | 21641  | 5.166  | ug/l   | 92 |
| 28) Bromochloromethane       | 7.581 | 49  | 14505  | 5.242  | ug/l   | 99 |
| 29) Tetrahydrofuran          | 7.610 | 42  | 55592  | 25.872 | ug/l   | 96 |
| 30) Chloroform               | 7.745 | 83  | 36086  | 5.194  | ug/l   | 94 |
| 31) Cyclohexane              | 8.022 | 56  | 35137  | 5.823  | ug/l # | 89 |
| 32) 1,1,1-Trichloroethane    | 7.945 | 97  | 28907  | 5.013  | ug/l   | 97 |
| 36) 1,1-Dichloropropene      | 8.151 | 75  | 25144  | 4.943  | ug/l   | 99 |
| 37) Ethyl Acetate            | 7.339 | 43  | 33557  | 5.229  | ug/l   | 98 |
| 38) Carbon Tetrachloride     | 8.133 | 117 | 24961  | 4.896  | ug/l   | 96 |
| 39) Methylcyclohexane        | 9.392 | 83  | 27376  | 4.571  | ug/l   | 90 |
| 40) Benzene                  | 8.392 | 78  | 83557  | 5.103  | ug/l   | 97 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN072822\  
 Data File : VN073616.D  
 Acq On : 28 Jul 2022 10:55  
 Operator : JC\MD  
 Sample : VSTDICC005  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC005

Quant Time: Jul 29 01:30:39 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N072822W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 29 01:29:16 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.569  | 41   | 15112    | 5.015  | ug/l   | 94       |
| 42) 1,2-Dichloroethane        | 8.469  | 62   | 28765    | 5.141  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.492  | 43   | 43183    | 4.804  | ug/l   | 97       |
| 44) Trichloroethene           | 9.151  | 130  | 20206    | 4.896  | ug/l   | 83       |
| 45) 1,2-Dichloropropane       | 9.428  | 63   | 19950    | 4.869  | ug/l   | 92       |
| 46) Dibromomethane            | 9.516  | 93   | 14617    | 5.119  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.698  | 83   | 26937    | 4.951  | ug/l   | 94       |
| 48) Methyl methacrylate       | 9.498  | 41   | 18987    | 4.892  | ug/l   | 91       |
| 49) 1,4-Dioxane               | 9.504  | 88   | 10412    | 97.157 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 10.275 | 43   | 158878   | 24.916 | ug/l   | 98       |
| 52) Toluene                   | 10.445 | 92   | 48646    | 4.889  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.657 | 75   | 25817    | 4.775  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.127 | 75   | 28606    | 4.718  | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane     | 10.839 | 97   | 21597    | 5.089  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.704 | 69   | 25894    | 4.493  | ug/l   | 93       |
| 57) 1,3-Dichloropropane       | 10.986 | 76   | 36404    | 5.148  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether | 9.980  | 63   | 58111    | 22.063 | ug/l   | 99       |
| 59) 2-Hexanone                | 11.027 | 43   | 121294   | 24.932 | ug/l   | 95       |
| 60) Dibromochloromethane      | 11.174 | 129  | 19887    | 4.708  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.286 | 107  | 21265    | 4.945  | ug/l   | 95       |
| 64) Tetrachloroethene         | 10.916 | 164  | 19951    | 4.906  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.710 | 112  | 53445    | 4.889  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 11.780 | 131  | 18450    | 4.770  | ug/l   | 95       |
| 67) Ethyl Benzene             | 11.786 | 91   | 86319    | 4.744  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.892 | 106  | 66776    | 9.569  | ug/l   | 96       |
| 69) o-Xylene                  | 12.221 | 106  | 32212    | 4.757  | ug/l   | 99       |
| 70) Styrene                   | 12.233 | 104  | 49203    | 4.542  | ug/l   | 97       |
| 71) Bromoform                 | 12.404 | 173  | 14546    | 4.632  | ug/l # | 95       |
| 73) Isopropylbenzene          | 12.521 | 105  | 78865    | 5.017  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.327 | 43   | 29313    | 4.971  | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 12.768 | 83   | 33561    | 5.541  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.821 | 75   | 39833    | 7.859  | ug/l # | 1        |
| 77) Bromobenzene              | 12.798 | 156  | 21576    | 5.313  | ug/l   | 96       |
| 78) n-propylbenzene           | 12.863 | 91   | 85424    | 4.899  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.945 | 91   | 55664    | 5.109  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.998 | 105  | 62901    | 4.915  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.568 | 75   | 8221     | 4.981  | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 13.045 | 91   | 53192    | 5.098  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.263 | 119  | 54302    | 4.807  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.310 | 105  | 61916    | 4.932  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.439 | 105  | 77027    | 4.948  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.557 | 119  | 56278    | 4.574  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.551 | 146  | 36953    | 5.058  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.633 | 146  | 36692    | 4.923  | ug/l   | 94       |
| 89) n-Butylbenzene            | 13.880 | 91   | 44460    | 4.406  | ug/l   | 94       |
| 90) Hexachloroethane          | 14.151 | 117  | 12919    | 5.118  | ug/l   | 90       |
| 91) 1,2-Dichlorobenzene       | 13.927 | 146  | 38469    | 5.109  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.539 | 75   | 6039     | 5.059  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.192 | 180  | 16264    | 4.370  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.298 | 225  | 10182    | 5.022  | ug/l   | 97       |
| 95) Naphthalene               | 15.439 | 128  | 50223    | 4.149  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.627 | 180  | 16782    | 4.309  | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN072822\  
Data File : VN073616.D  
Acq On : 28 Jul 2022 10:55  
Operator : JC\MD  
Sample : VSTDICC005  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 4 Sample Multiplier: 1

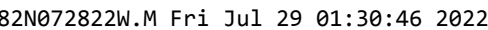
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

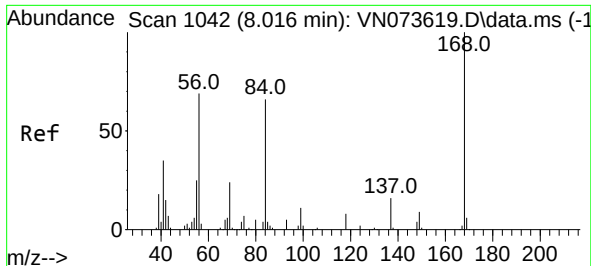
Quant Time: Jul 29 01:30:39 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N072822W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 29 01:29:16 2022  
Response via : Initial Calibration

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

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

Quant Time: Jul 29 01:30:39 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N072822W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 29 01:29:16 2022  
Response via : Initial Calibration

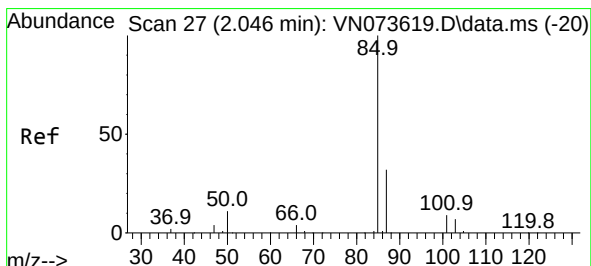
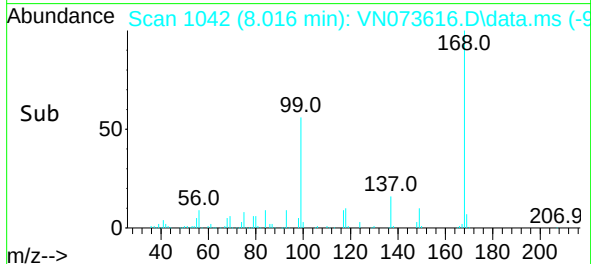
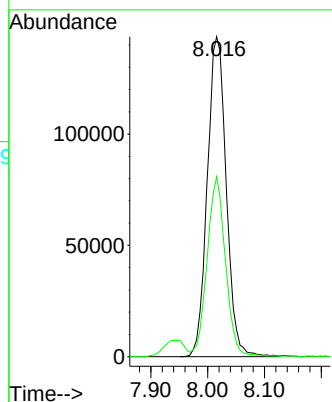
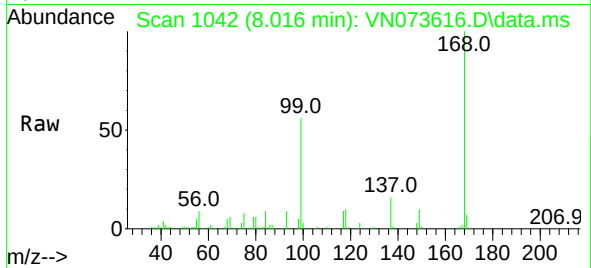




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

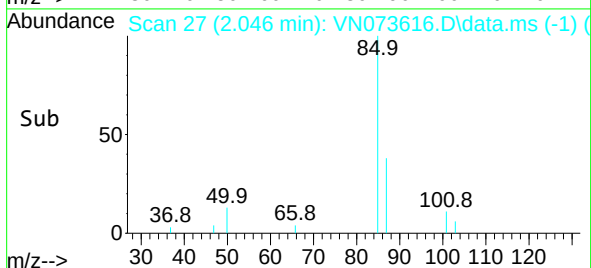
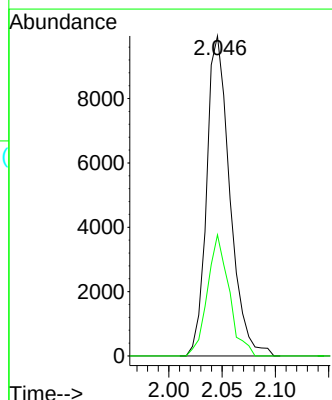
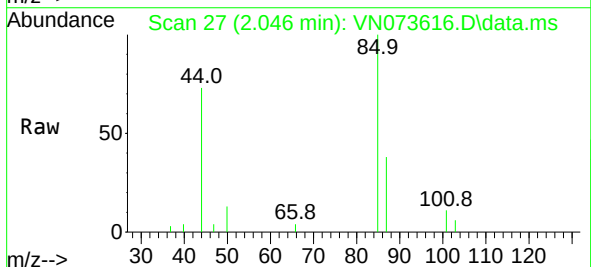
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

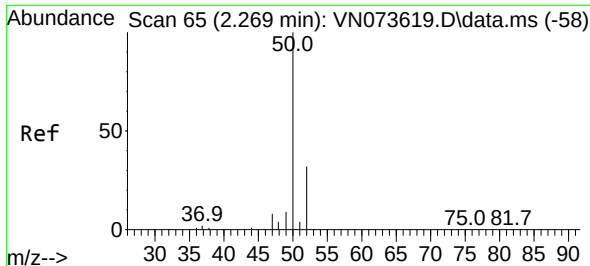
Tgt Ion:168 Resp: 332557  
Ion Ratio Lower Upper  
168 100  
99 56.1 42.3 63.5



#2  
Dichlorodifluoromethane  
Concen: 4.741 ug/l  
RT: 2.046 min Scan# 27  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

Tgt Ion: 85 Resp: 15052  
Ion Ratio Lower Upper  
85 100  
87 37.9 15.7 47.1

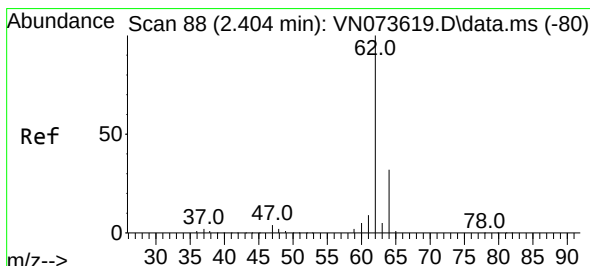
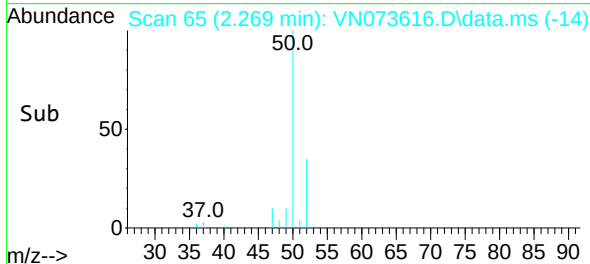
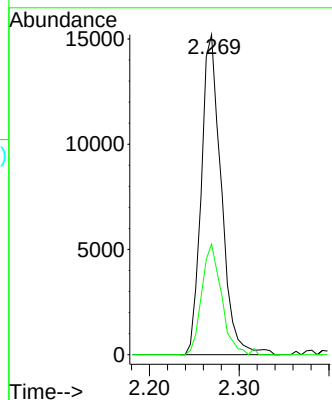
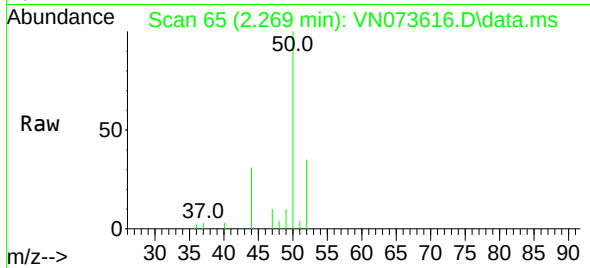




#3  
Chloromethane  
Concen: 5.046 ug/l  
RT: 2.269 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

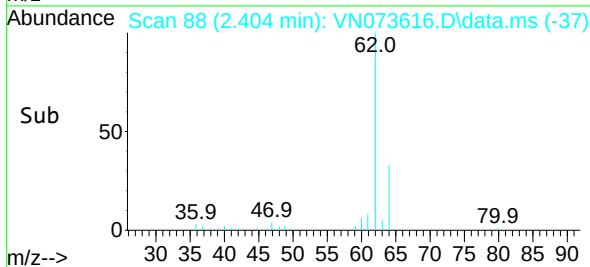
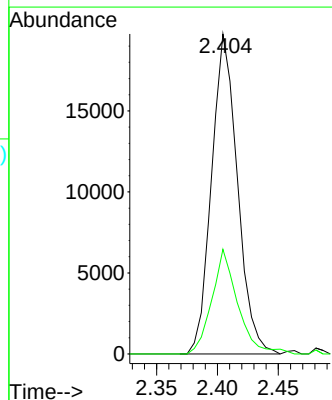
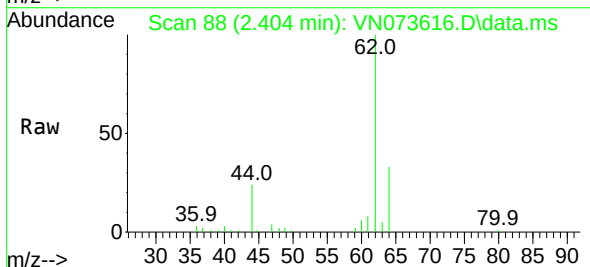
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

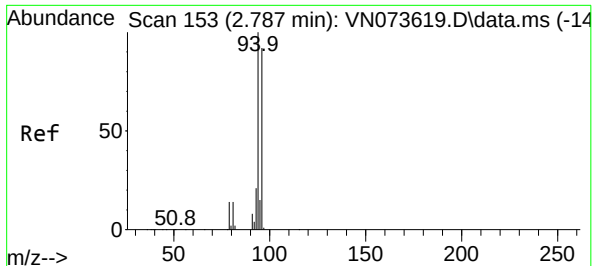
Tgt Ion: 50 Resp: 23428  
Ion Ratio Lower Upper  
50 100  
52 34.6 25.7 38.5



#4  
Vinyl Chloride  
Concen: 5.226 ug/l  
RT: 2.404 min Scan# 88  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

Tgt Ion: 62 Resp: 29266  
Ion Ratio Lower Upper  
62 100  
64 32.7 25.0 37.4

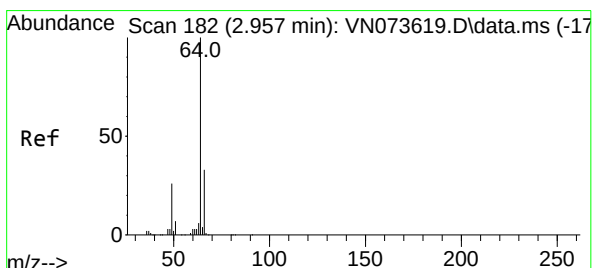
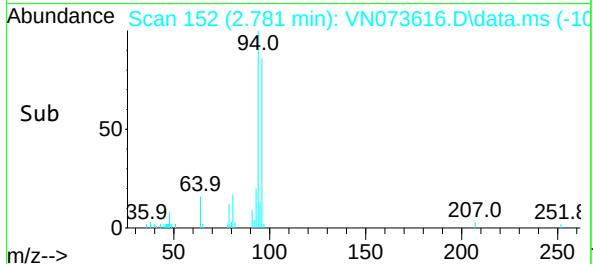
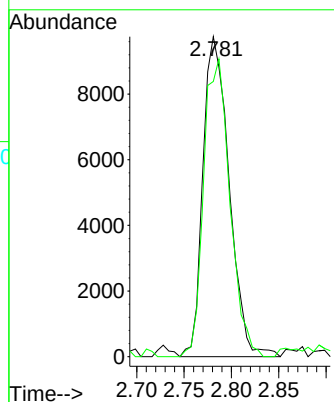
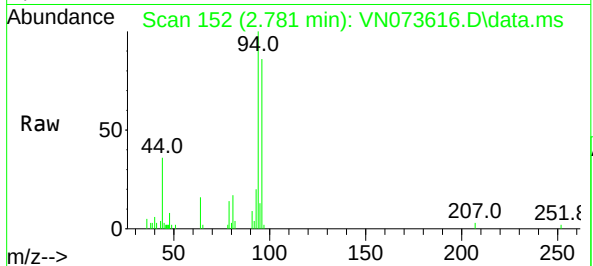




#5  
Bromomethane  
Concen: 5.730 ug/l  
RT: 2.781 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

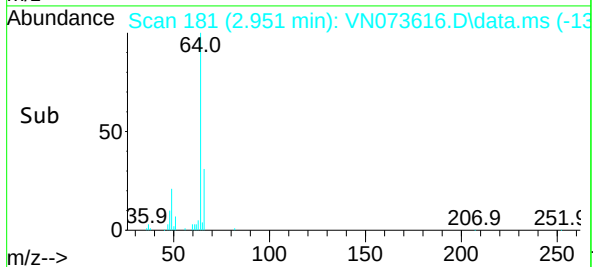
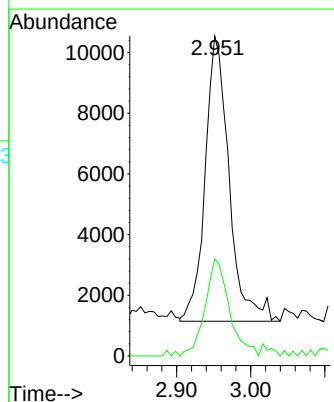
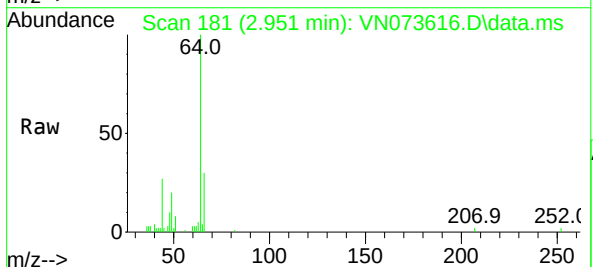
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

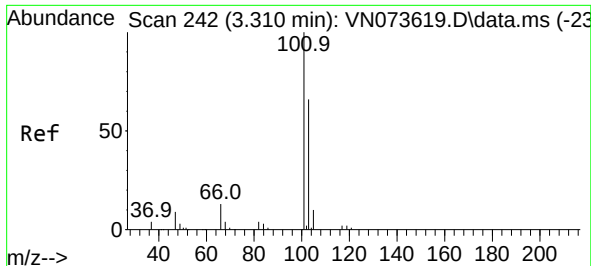
Tgt Ion: 94 Resp: 18748  
Ion Ratio Lower Upper  
94 100  
96 86.0 76.0 114.0



#6  
Chloroethane  
Concen: 5.372 ug/l  
RT: 2.951 min Scan# 181  
Delta R.T. -0.006 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

Tgt Ion: 64 Resp: 21090  
Ion Ratio Lower Upper  
64 100  
66 34.1 26.2 39.4

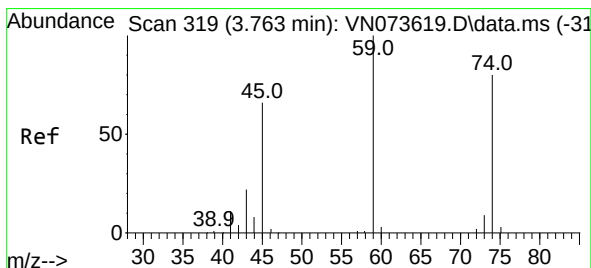
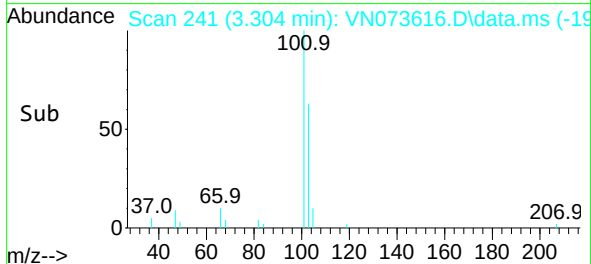
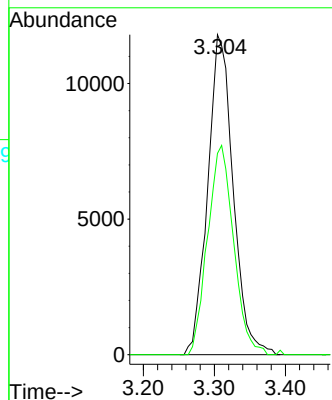
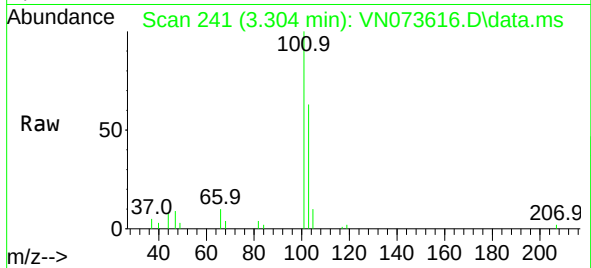




#7  
 Trichlorofluoromethane  
 Concen: 5.077 ug/l  
 RT: 3.304 min Scan# 242  
 Delta R.T. -0.006 min  
 Lab File: VN073616.D  
 Acq: 28 Jul 2022 10:55

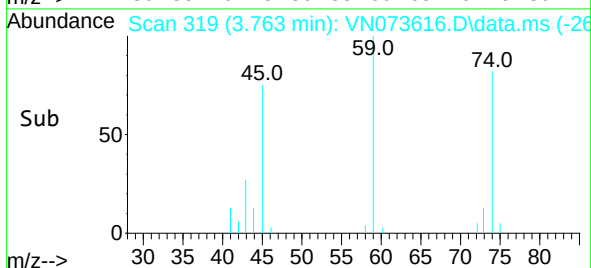
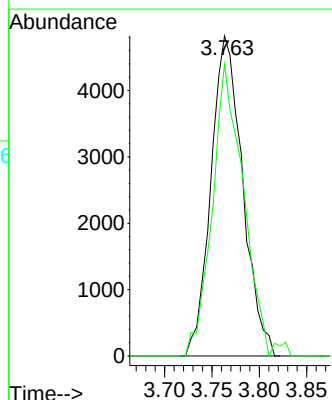
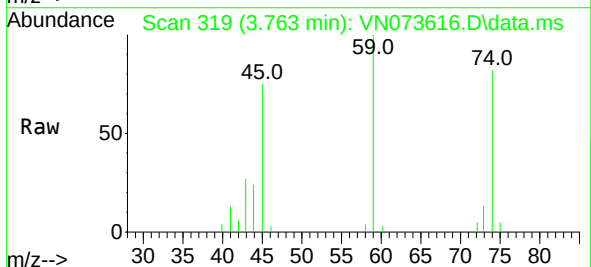
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Tgt Ion:101 Resp: 29389  
 Ion Ratio Lower Upper  
 101 100  
 103 62.9 51.5 77.3

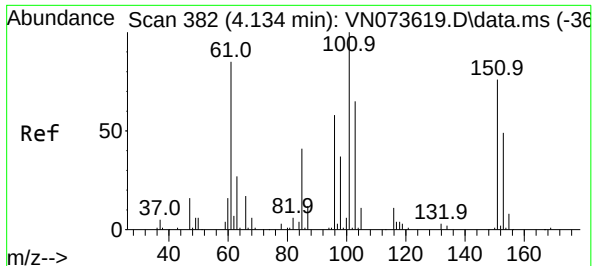


#8  
 Diethyl Ether  
 Concen: 5.273 ug/l  
 RT: 3.763 min Scan# 319  
 Delta R.T. -0.000 min  
 Lab File: VN073616.D  
 Acq: 28 Jul 2022 10:55

Tgt Ion: 74 Resp: 11194  
 Ion Ratio Lower Upper  
 74 100  
 45 90.0 42.9 128.5



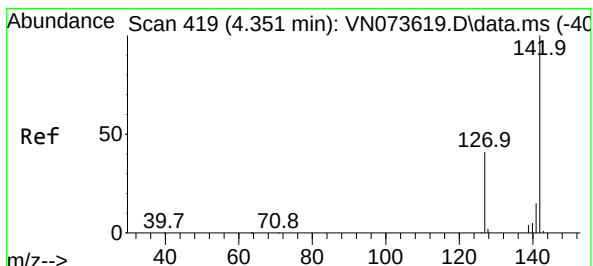
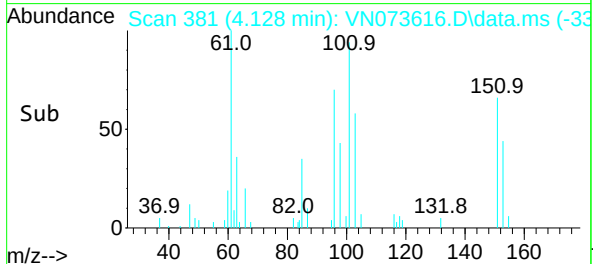
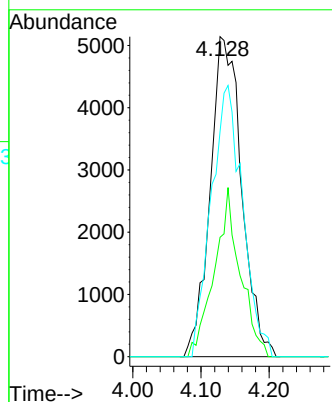
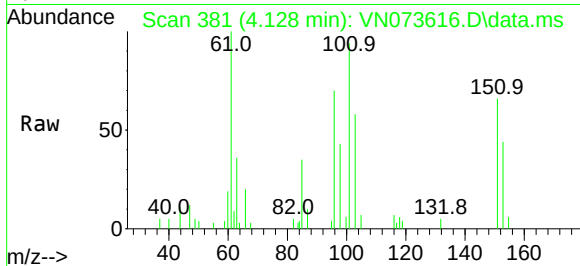




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 4.999 ug/l  
RT: 4.128 min Scan# 381  
Delta R.T. -0.006 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

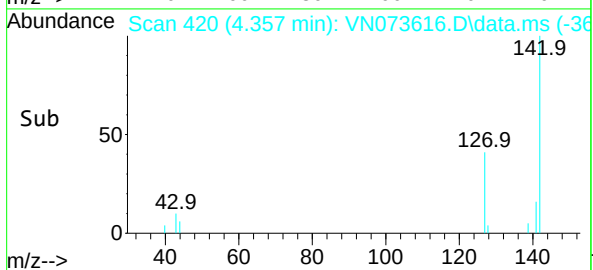
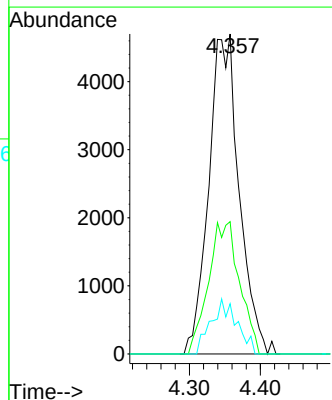
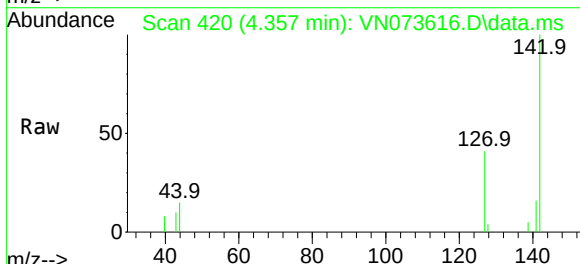
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MSVOA\_N  
ClientSampleId :  
VSTDIC005

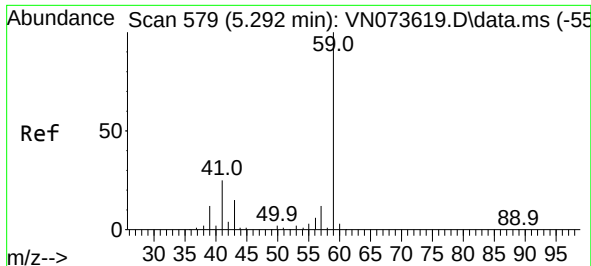
Tgt Ion:101 Resp: 16491  
Ion Ratio Lower Upper  
101 100  
85 43.3 34.7 52.1  
151 84.9 63.0 94.4



#10  
Methyl Iodide  
Concen: 4.269 ug/l  
RT: 4.357 min Scan# 420  
Delta R.T. 0.006 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

Tgt Ion:142 Resp: 13959  
Ion Ratio Lower Upper  
142 100  
127 42.3 31.3 46.9  
141 14.6 11.2 16.8

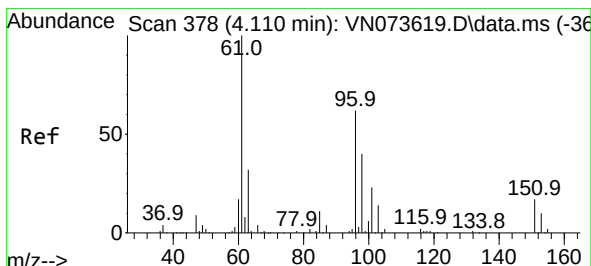
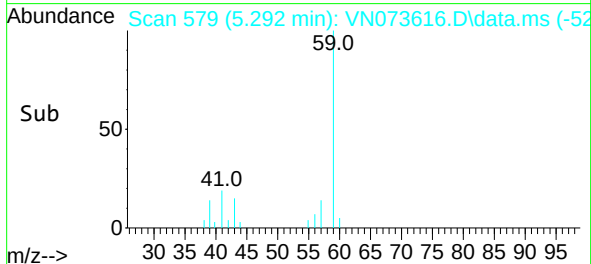
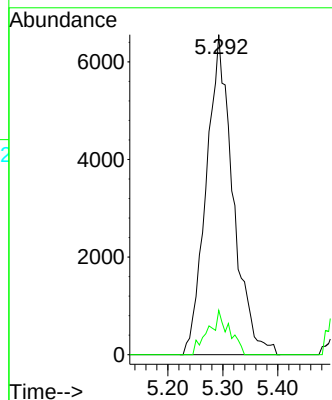
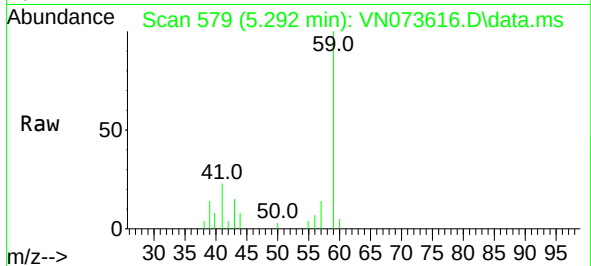




#11  
Tert butyl alcohol  
Concen: 25.375 ug/l  
RT: 5.292 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

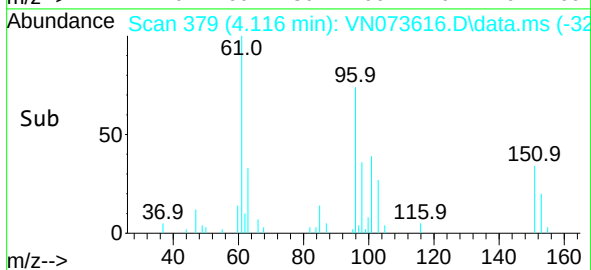
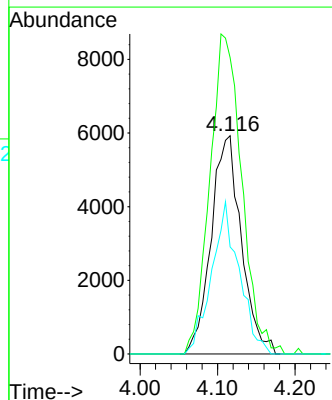
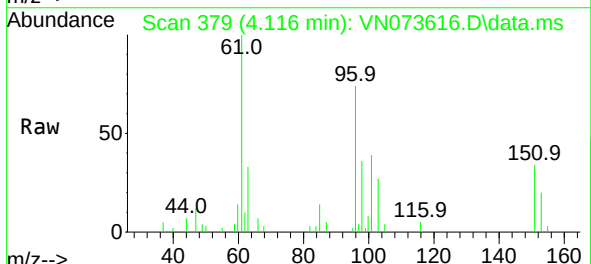
Instrument :  
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ClientSampleId :  
VSTDIC005

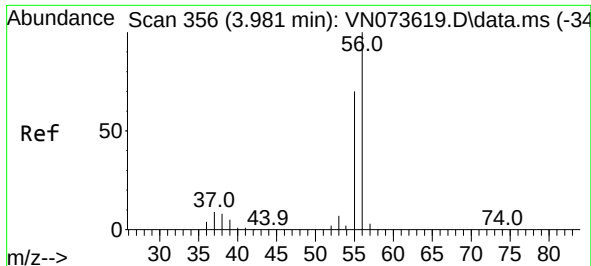
Tgt Ion: 59 Resp: 22179  
Ion Ratio Lower Upper  
59 100  
57 10.8 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 5.192 ug/l  
RT: 4.116 min Scan# 379  
Delta R.T. 0.006 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

Tgt Ion: 96 Resp: 16067  
Ion Ratio Lower Upper  
96 100  
61 135.8 127.6 191.4  
98 49.1 51.2 76.8#

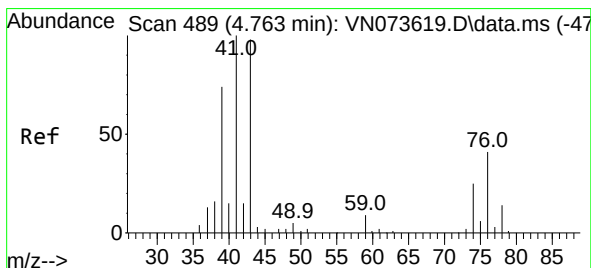
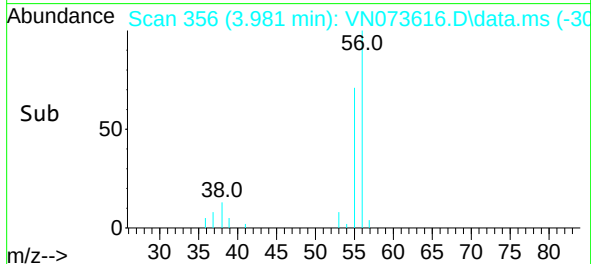
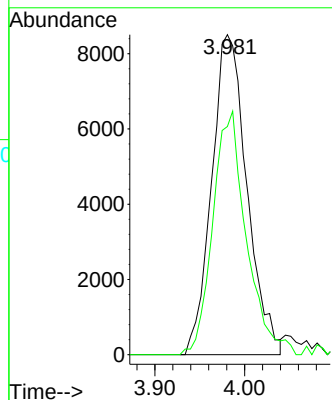
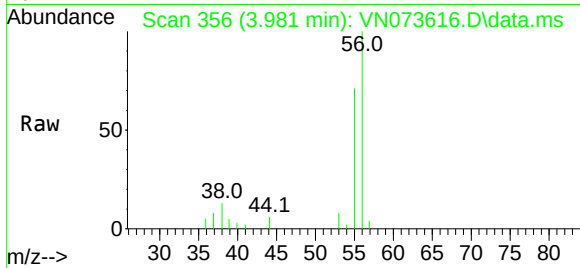




#13  
Acrolein  
Concen: 26.824 ug/l  
RT: 3.981 min Scan# 356  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

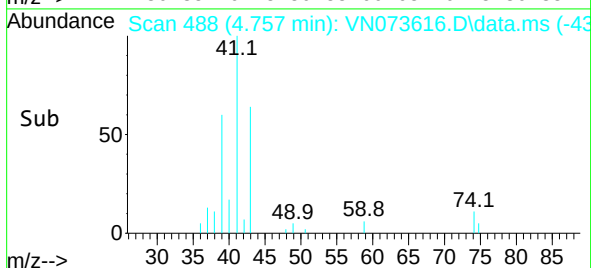
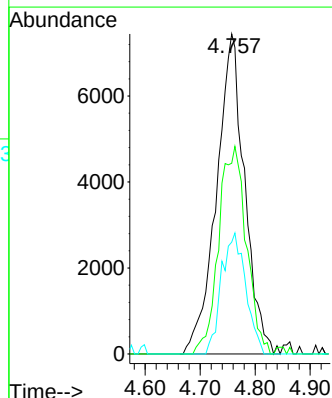
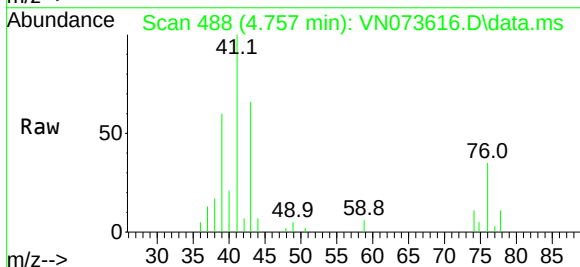
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

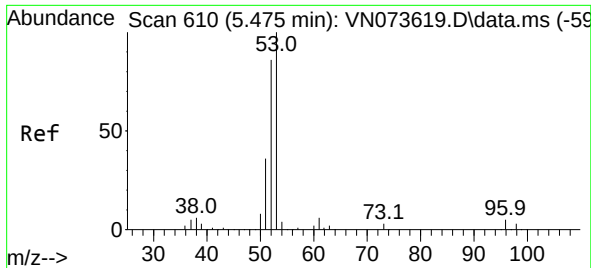
Tgt Ion: 56 Resp: 23243  
Ion Ratio Lower Upper  
56 100  
55 72.2 54.8 82.2



#14  
Allyl chloride  
Concen: 5.180 ug/l  
RT: 4.757 min Scan# 488  
Delta R.T. -0.006 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

Tgt Ion: 41 Resp: 26527  
Ion Ratio Lower Upper  
41 100  
39 63.6 53.2 79.8  
76 32.4 29.9 44.9

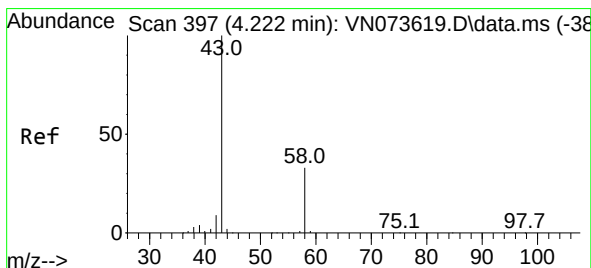
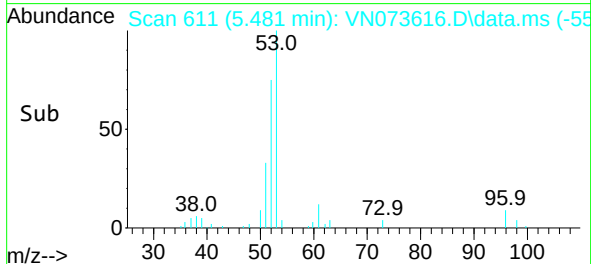
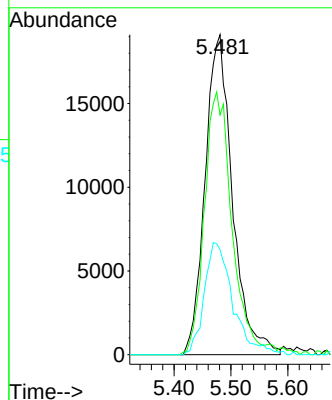
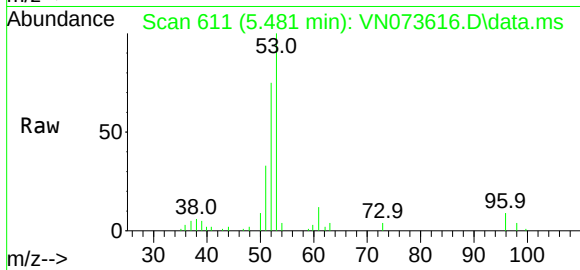




#15  
Acrylonitrile  
Concen: 26.727 ug/l  
RT: 5.481 min Scan# 610  
Delta R.T. 0.006 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

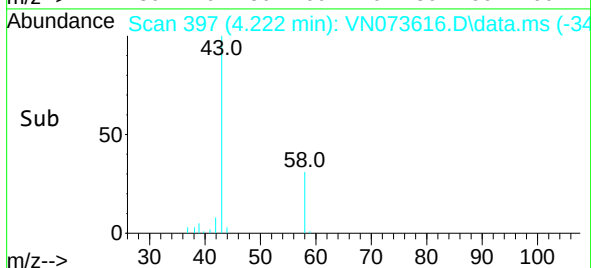
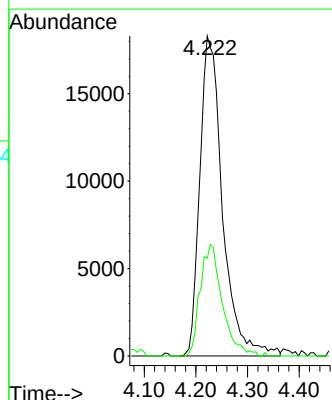
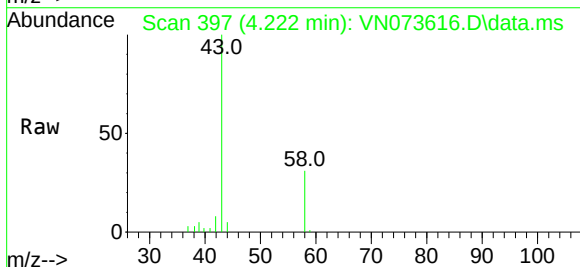
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

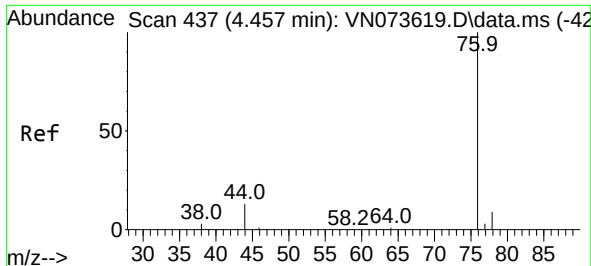
Tgt Ion: 53 Resp: 63942  
Ion Ratio Lower Upper  
53 100  
52 81.6 66.4 99.6  
51 36.5 28.5 42.7



#16  
Acetone  
Concen: 25.669 ug/l  
RT: 4.222 min Scan# 397  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

Tgt Ion: 43 Resp: 55720  
Ion Ratio Lower Upper  
43 100  
58 30.6 26.0 39.0

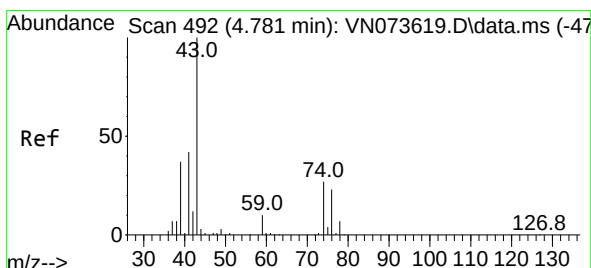
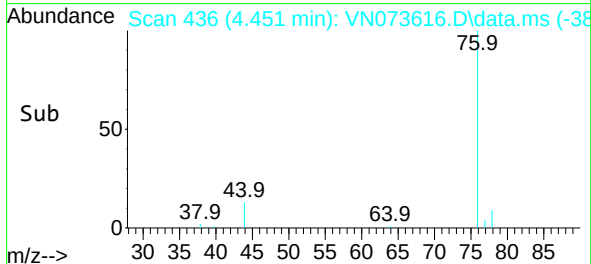
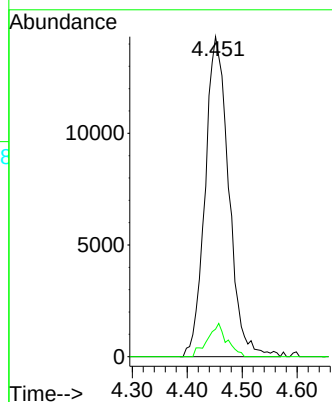
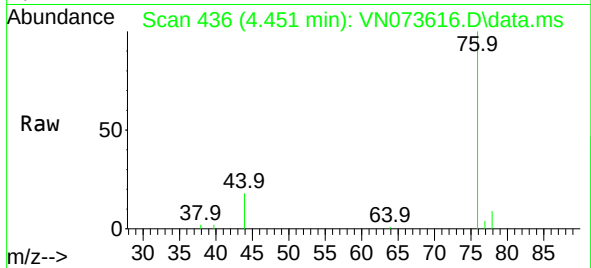




#17  
Carbon Disulfide  
Concen: 5.043 ug/l  
RT: 4.451 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

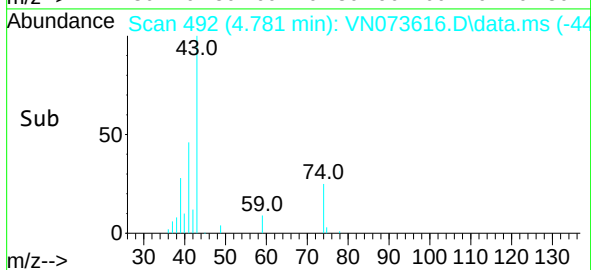
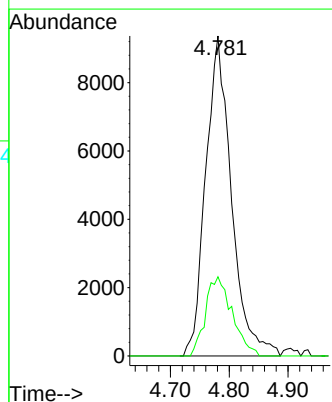
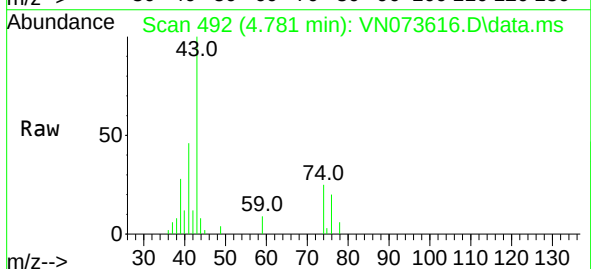
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

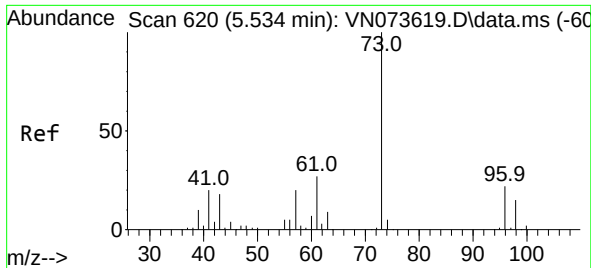
Tgt Ion: 76 Resp: 42804  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.2 10.8



#18  
Methyl Acetate  
Concen: 5.280 ug/l  
RT: 4.781 min Scan# 492  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

Tgt Ion: 43 Resp: 28501  
Ion Ratio Lower Upper  
43 100  
74 25.6 21.6 32.4

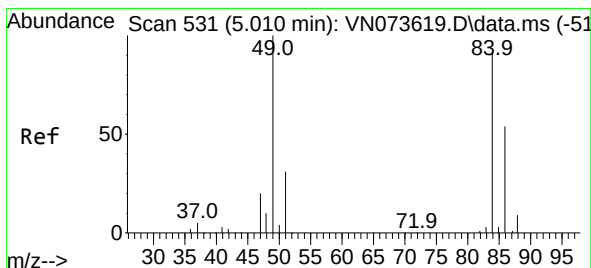
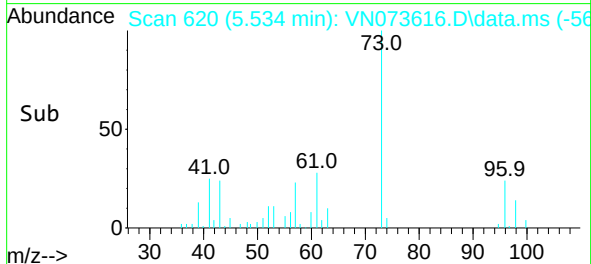
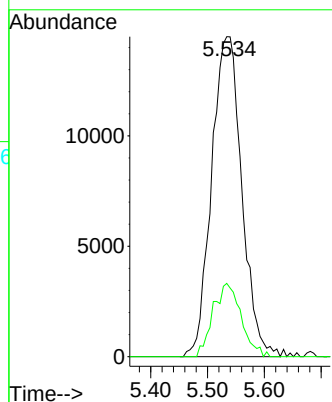
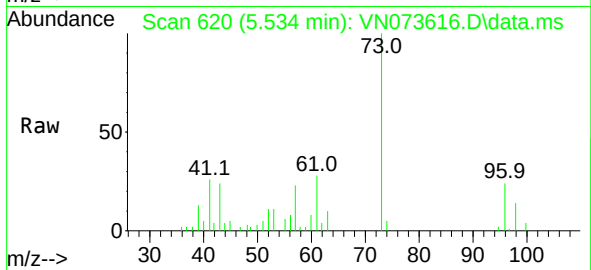




#19  
Methyl tert-butyl Ether  
Concen: 5.047 ug/l  
RT: 5.534 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

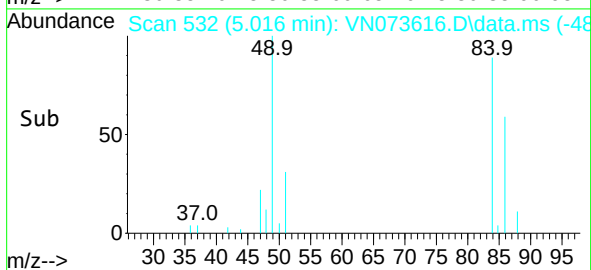
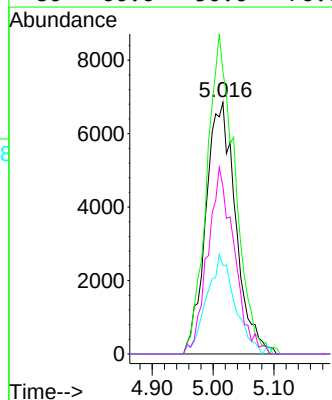
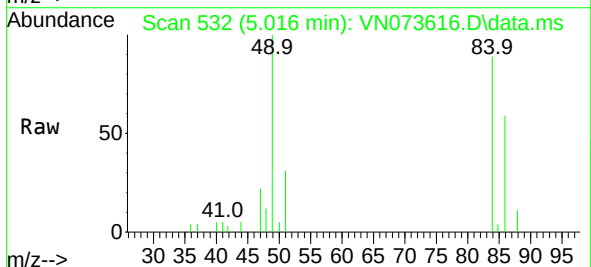
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

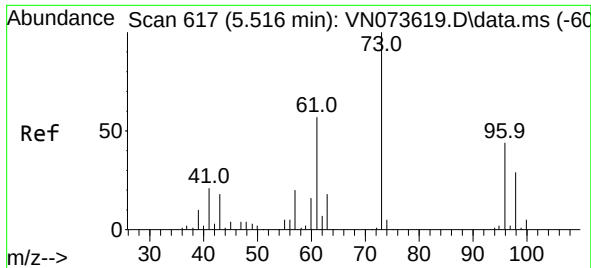
Tgt Ion: 73 Resp: 53477  
Ion Ratio Lower Upper  
73 100  
57 22.9 17.6 26.4



#20  
Methylene Chloride  
Concen: 5.405 ug/l  
RT: 5.016 min Scan# 532  
Delta R.T. 0.006 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

Tgt Ion: 84 Resp: 23338  
Ion Ratio Lower Upper  
84 100  
49 112.1 88.3 132.5  
51 35.2 28.2 42.2  
86 66.6 50.6 76.0

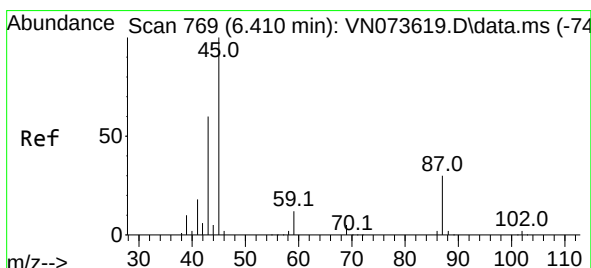
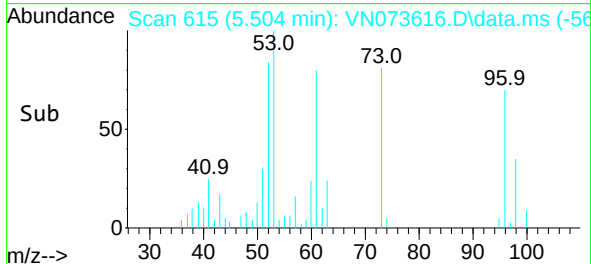
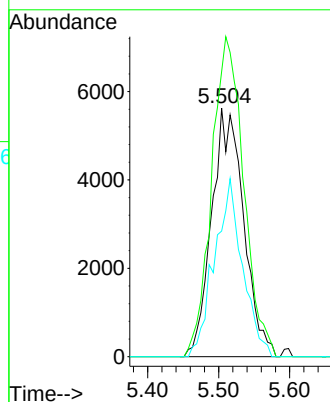
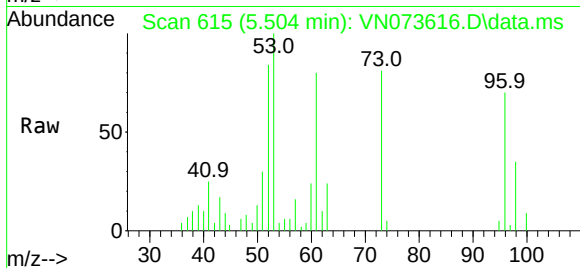




#21  
trans-1,2-Dichloroethene  
Concen: 5.125 ug/l  
RT: 5.504 min Scan# 615  
Delta R.T. -0.012 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

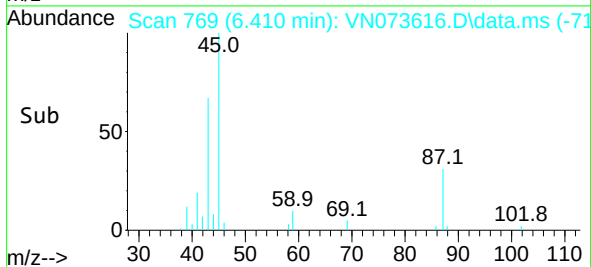
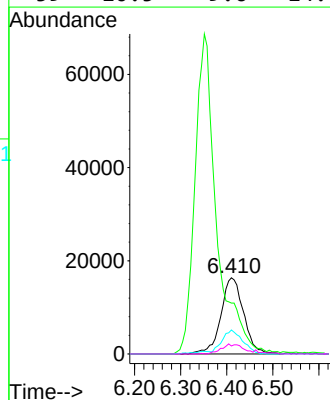
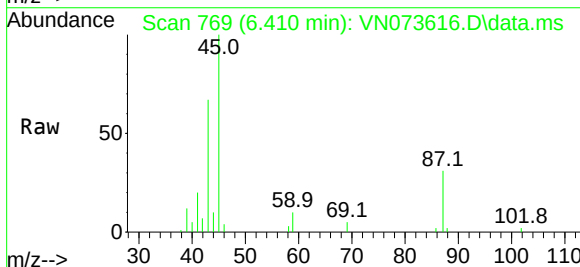
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

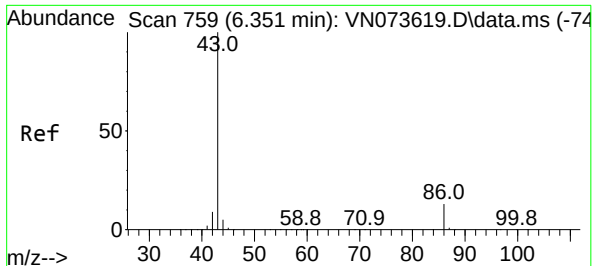
Tgt Ion: 96 Resp: 17558  
Ion Ratio Lower Upper  
96 100  
61 114.7 105.8 158.8  
98 50.5 50.3 75.5



#22  
Diisopropyl ether  
Concen: 5.264 ug/l  
RT: 6.410 min Scan# 769  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

Tgt Ion: 45 Resp: 55889  
Ion Ratio Lower Upper  
45 100  
43 65.0 46.6 70.0  
87 31.4 24.3 36.5  
59 10.5 9.6 14.4

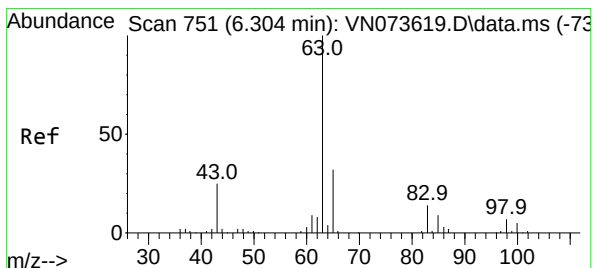
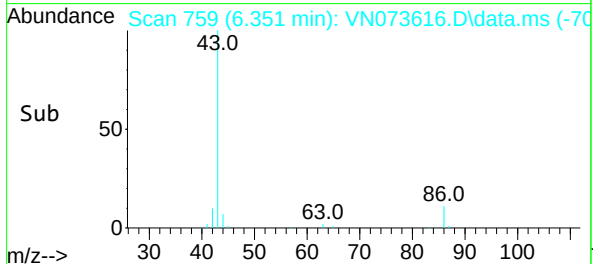
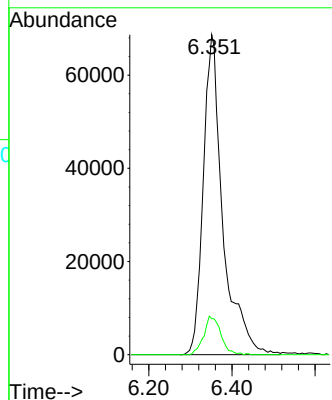
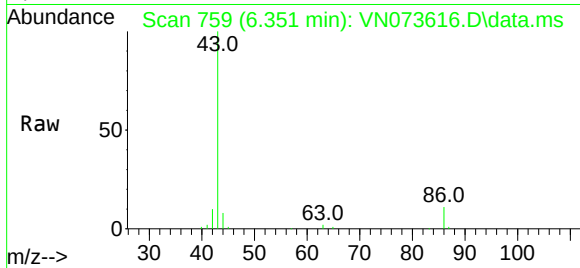




#23  
 Vinyl Acetate  
 Concen: 24.928 ug/l  
 RT: 6.351 min Scan# 759  
 Delta R.T. -0.000 min  
 Lab File: VN073616.D  
 Acq: 28 Jul 2022 10:55

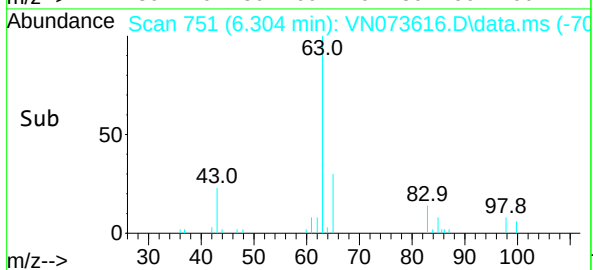
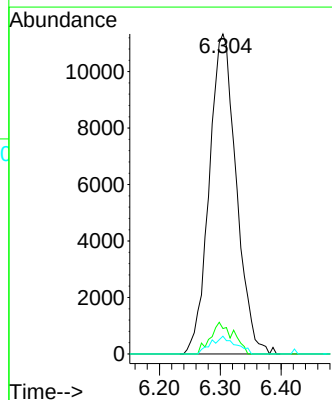
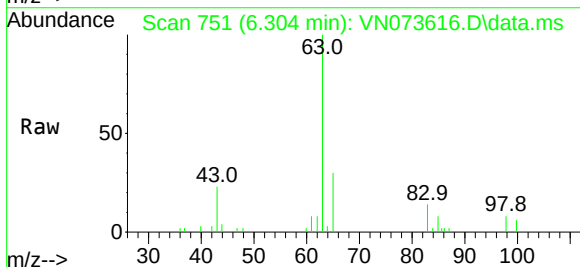
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Tgt Ion: 43 Resp: 224517  
 Ion Ratio Lower Upper  
 43 100  
 86 11.2 10.0 15.0

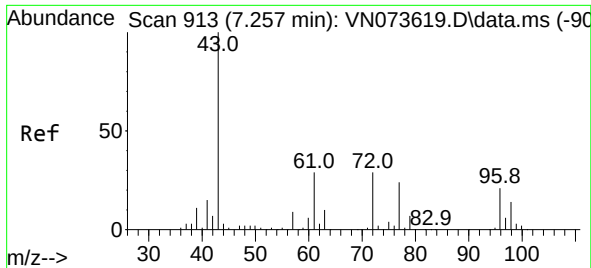


#24  
 1,1-Dichloroethane  
 Concen: 5.330 ug/l  
 RT: 6.304 min Scan# 751  
 Delta R.T. -0.000 min  
 Lab File: VN073616.D  
 Acq: 28 Jul 2022 10:55

Tgt Ion: 63 Resp: 34981  
 Ion Ratio Lower Upper  
 63 100  
 98 7.9 3.5 10.4  
 100 5.5 2.3 6.8



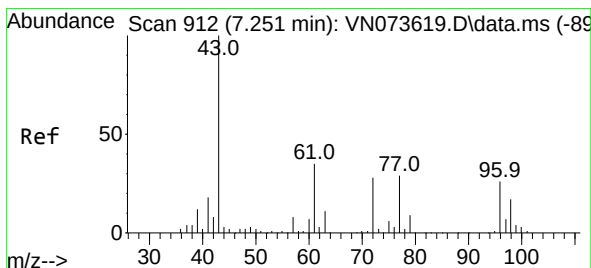
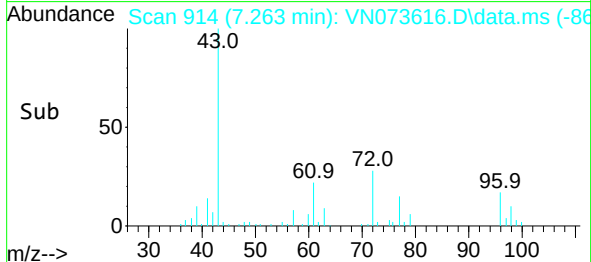
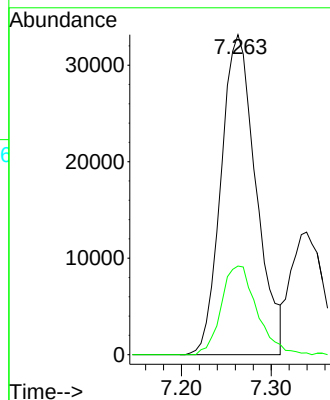
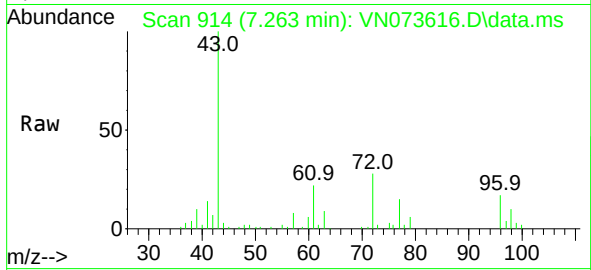




#25  
2-Butanone  
Concen: 26.439 ug/l  
RT: 7.263 min Scan# 914  
Delta R.T. 0.006 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

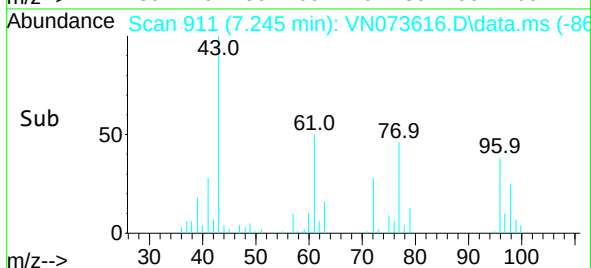
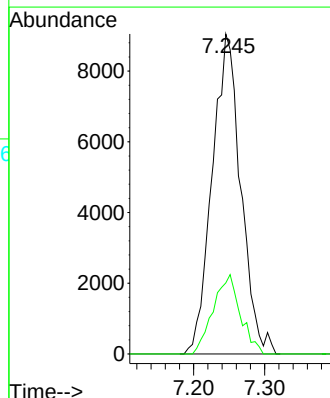
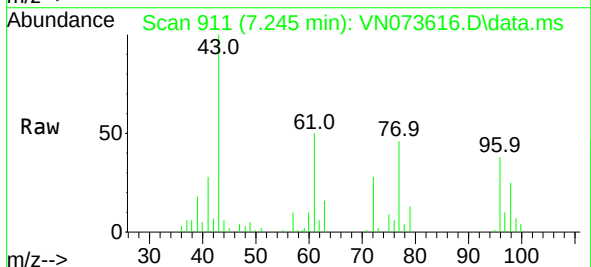
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

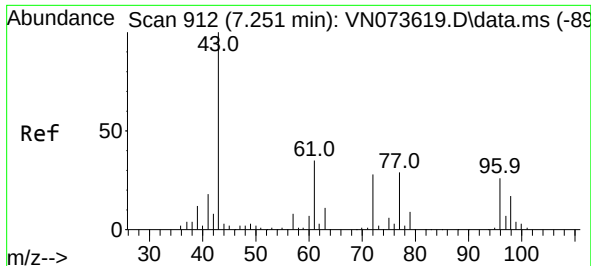
Tgt Ion: 43 Resp: 89891  
Ion Ratio Lower Upper  
43 100  
72 27.7 23.7 35.5



#26  
2,2-Dichloropropane  
Concen: 4.786 ug/l  
RT: 7.245 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

Tgt Ion: 77 Resp: 25327  
Ion Ratio Lower Upper  
77 100  
97 23.5 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 5.166 ug/l

RT: 7.245 min Scan# 911

Delta R.T. -0.006 min

Lab File: VN073616.D

Acq: 28 Jul 2022 10:55

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

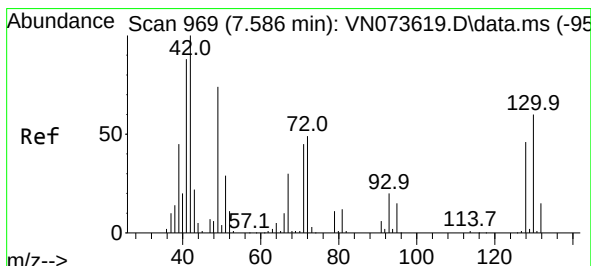
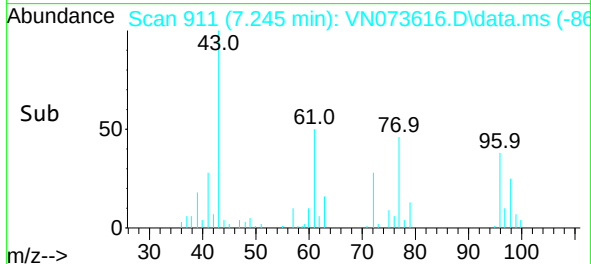
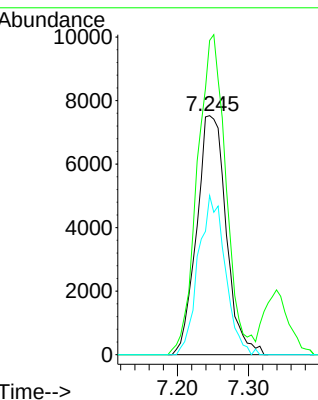
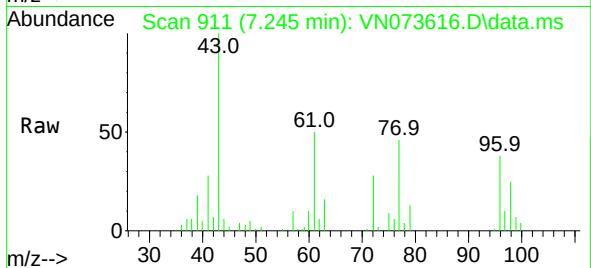
Tgt Ion: 96 Resp: 21641

Ion Ratio Lower Upper

96 100

61 128.8 0.0 280.6

98 60.9 0.0 128.4



#28

Bromochloromethane

Concen: 5.242 ug/l

RT: 7.581 min Scan# 968

Delta R.T. -0.006 min

Lab File: VN073616.D

Acq: 28 Jul 2022 10:55

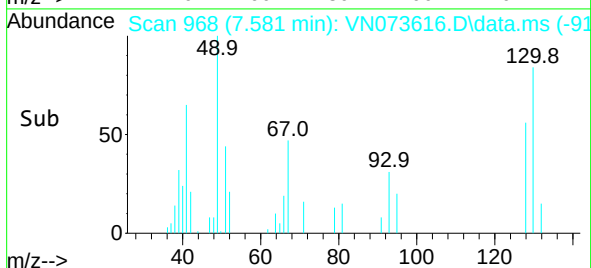
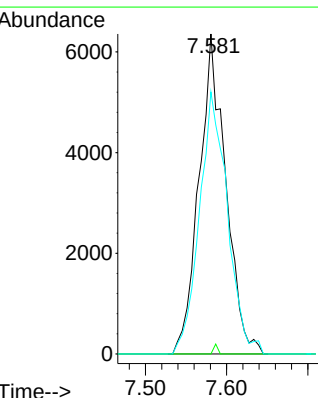
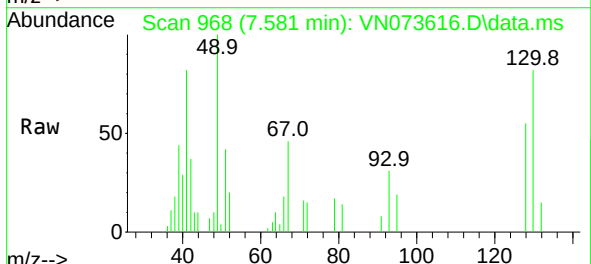
Tgt Ion: 49 Resp: 14505

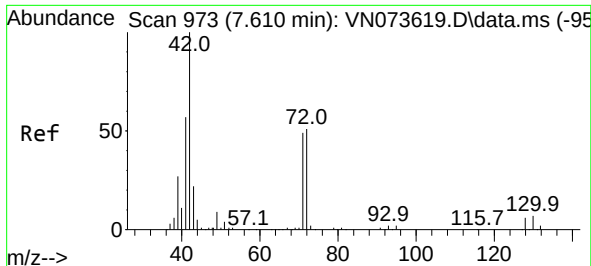
Ion Ratio Lower Upper

49 100

129 0.5 0.0 4.6

130 86.1 69.7 104.5





#29

Tetrahydrofuran

Concen: 25.872 ug/l

RT: 7.610 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN073616.D

Acq: 28 Jul 2022 10:55

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

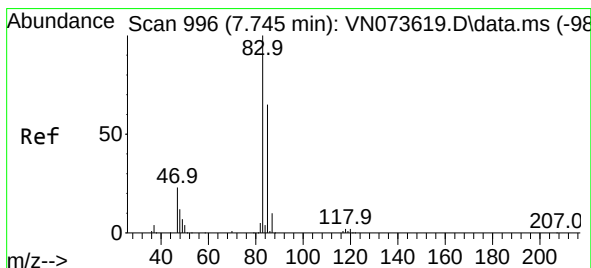
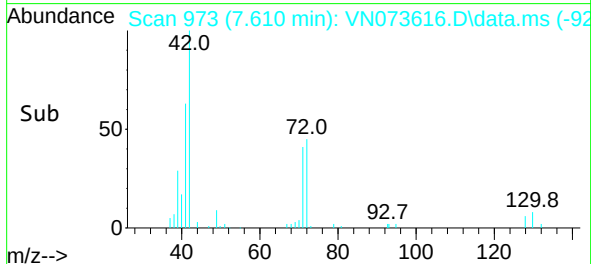
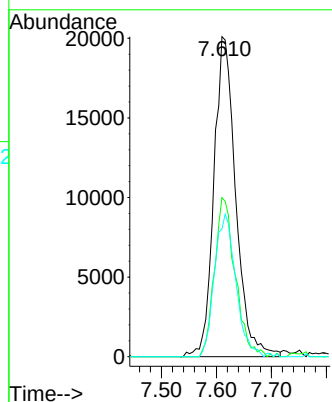
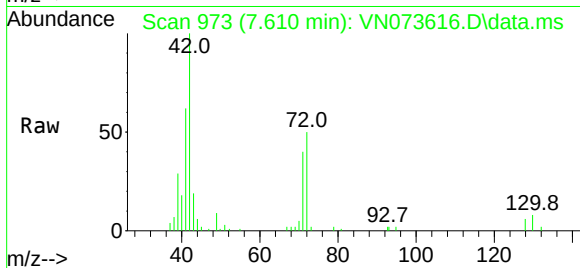
Tgt Ion: 42 Resp: 55592

Ion Ratio Lower Upper

42 100

72 47.0 39.7 59.5

71 43.4 36.6 55.0



#30

Chloroform

Concen: 5.194 ug/l

RT: 7.745 min Scan# 996

Delta R.T. -0.000 min

Lab File: VN073616.D

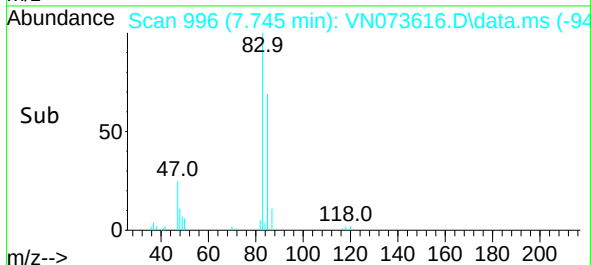
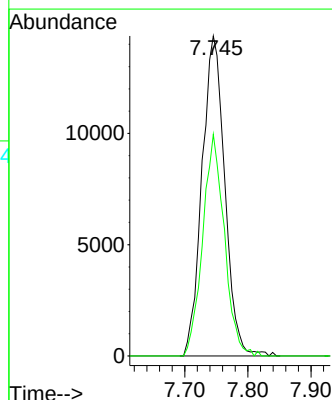
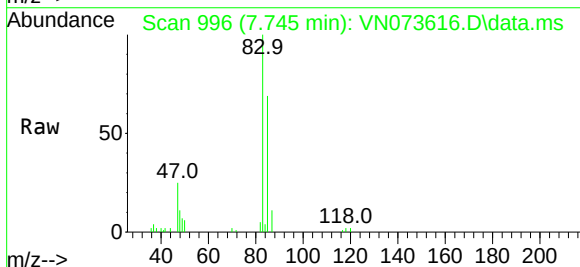
Acq: 28 Jul 2022 10:55

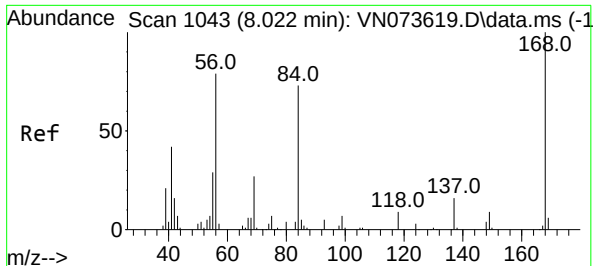
Tgt Ion: 83 Resp: 36086

Ion Ratio Lower Upper

83 100

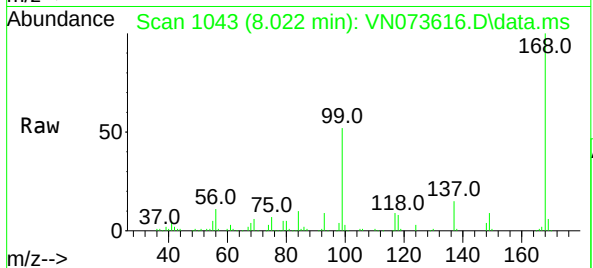
85 69.2 51.8 77.8



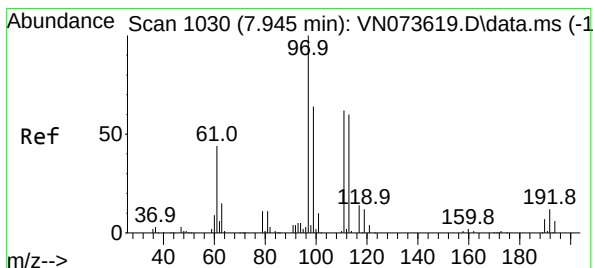
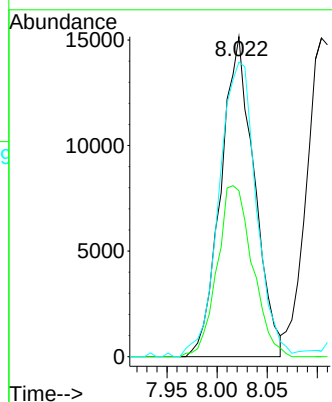
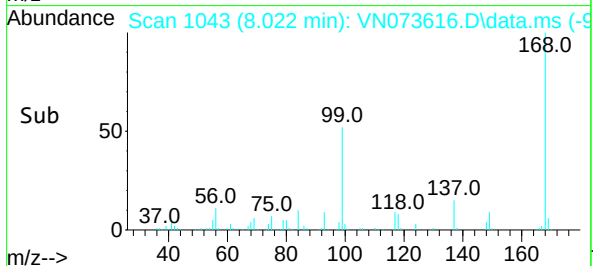


#31  
Cyclohexane  
Concen: 5.823 ug/l  
RT: 8.022 min Scan# 1043  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

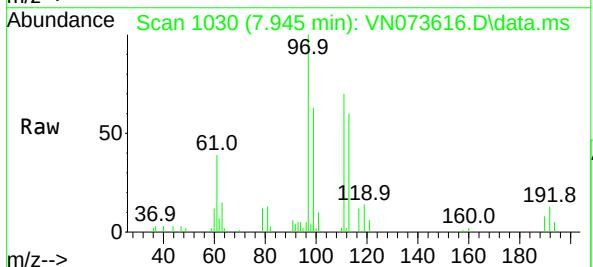
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005



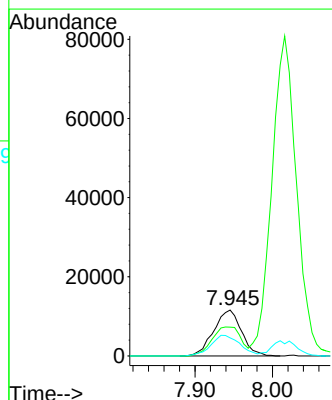
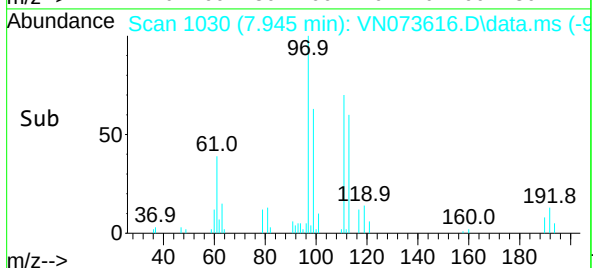
Tgt Ion: 56 Resp: 35137  
Ion Ratio Lower Upper  
56 100  
69 51.8 27.8 41.8#  
84 92.1 76.9 115.3

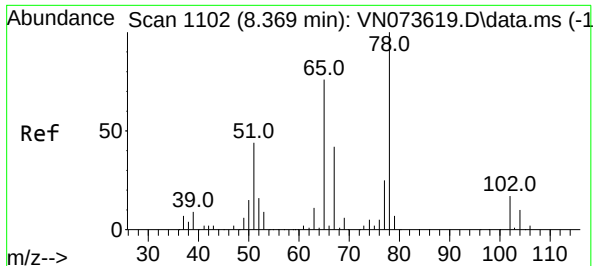


#32  
1,1,1-Trichloroethane  
Concen: 5.013 ug/l  
RT: 7.945 min Scan# 1030  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55



Tgt Ion: 97 Resp: 28907  
Ion Ratio Lower Upper  
97 100  
99 65.8 50.6 76.0  
61 47.1 36.0 54.0

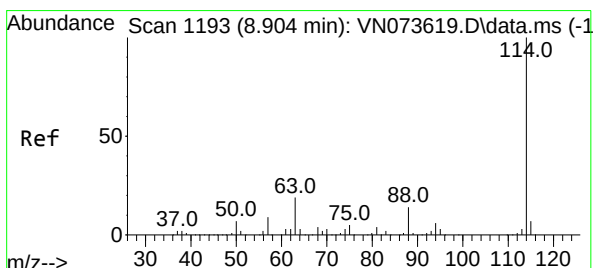
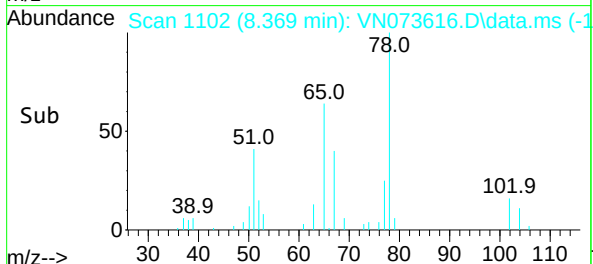
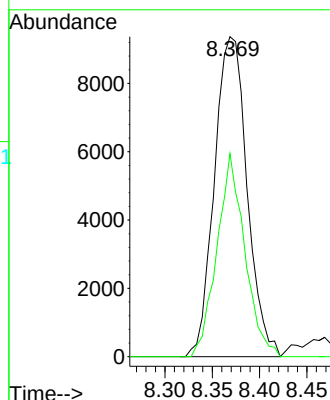
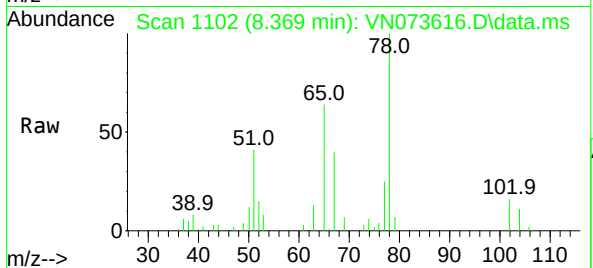




#33  
 1,2-Dichloroethane-d4  
 Concen: 5.547 ug/l  
 RT: 8.369 min Scan# 1102  
 Delta R.T. -0.000 min  
 Lab File: VN073616.D  
 Acq: 28 Jul 2022 10:55

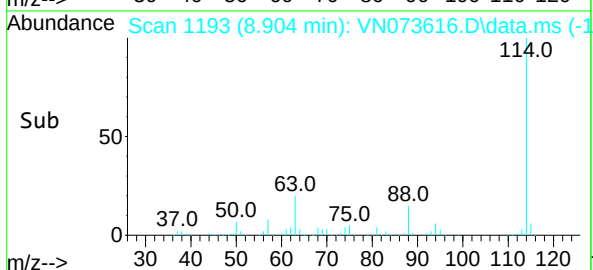
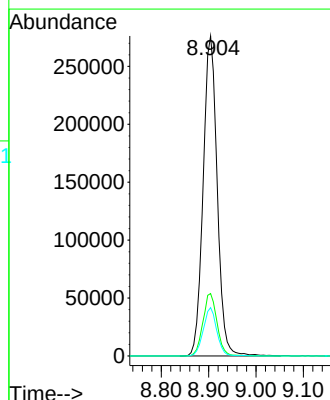
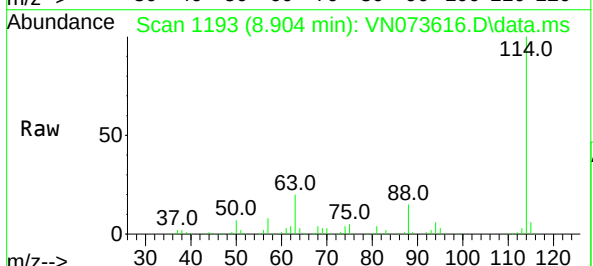
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

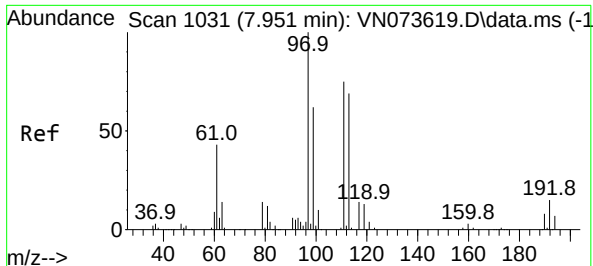
Tgt Ion: 65 Resp: 22480  
 Ion Ratio Lower Upper  
 65 100  
 67 54.1 0.0 104.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.904 min Scan# 1193  
 Delta R.T. -0.000 min  
 Lab File: VN073616.D  
 Acq: 28 Jul 2022 10:55

Tgt Ion: 114 Resp: 568127  
 Ion Ratio Lower Upper  
 114 100  
 63 19.5 0.0 40.0  
 88 15.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 5.050 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN073616.D

Acq: 28 Jul 2022 10:55

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

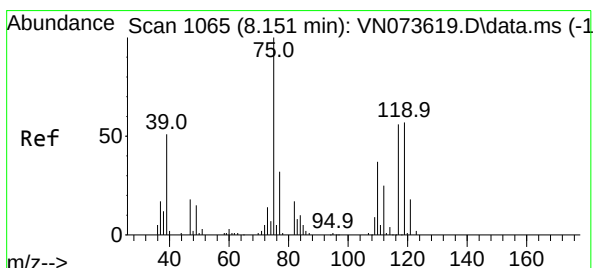
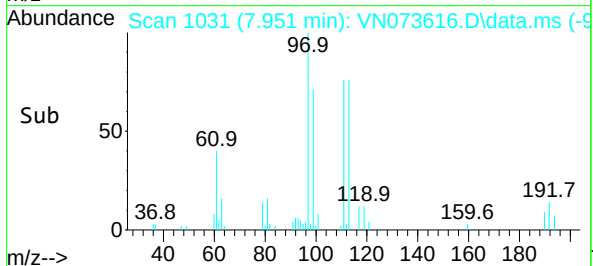
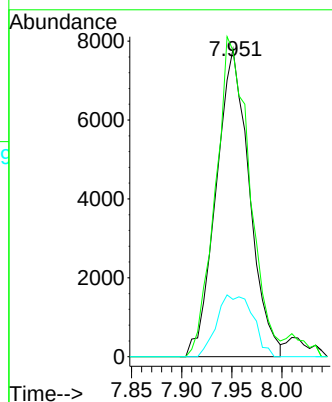
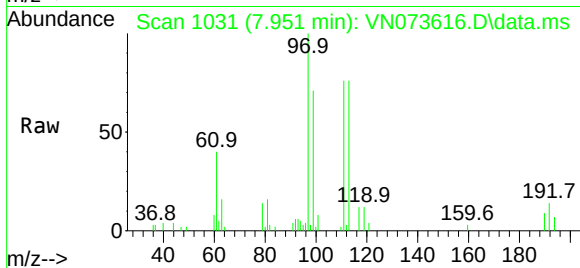
Tgt Ion:113 Resp: 18014

Ion Ratio Lower Upper

113 100

111 106.3 81.4 122.0

192 21.7 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.943 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VN073616.D

Acq: 28 Jul 2022 10:55

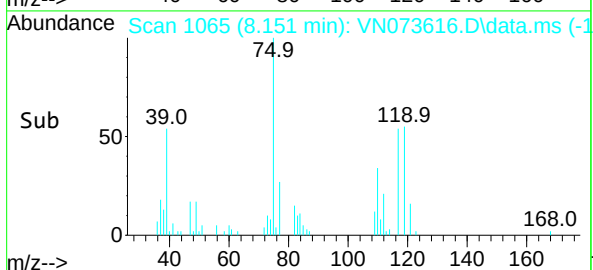
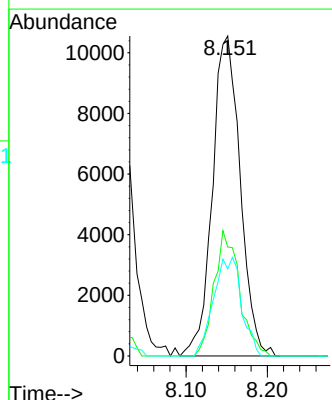
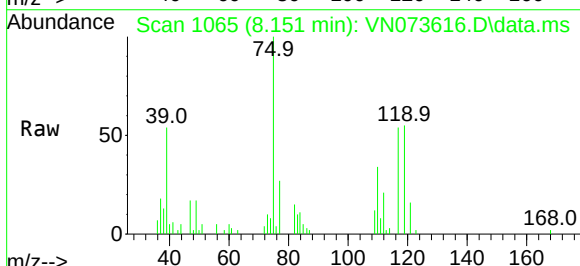
Tgt Ion: 75 Resp: 25144

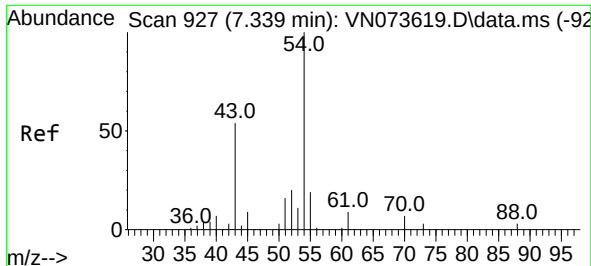
Ion Ratio Lower Upper

75 100

110 35.7 18.3 54.8

77 30.9 25.1 37.7

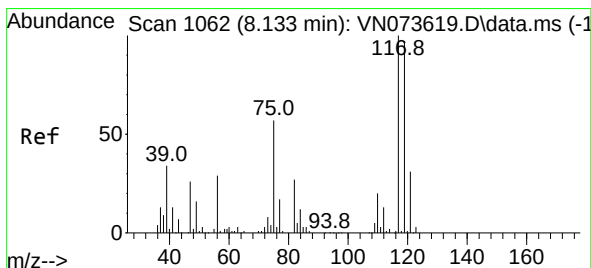
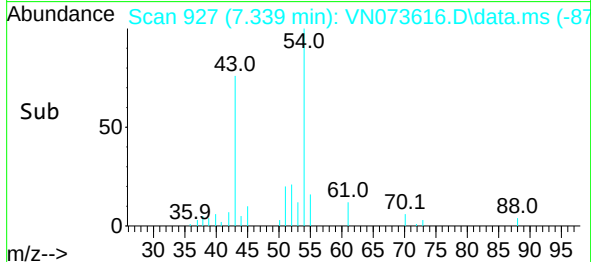
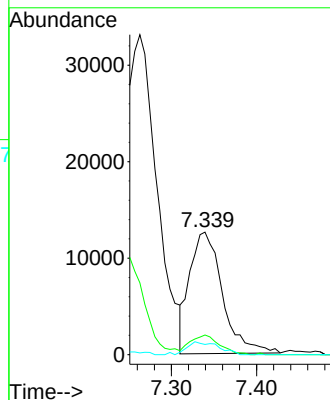
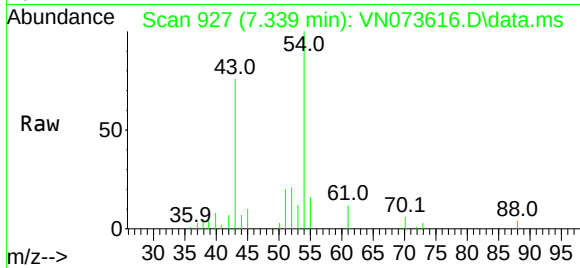




#37  
Ethyl Acetate  
Concen: 5.229 ug/l  
RT: 7.339 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

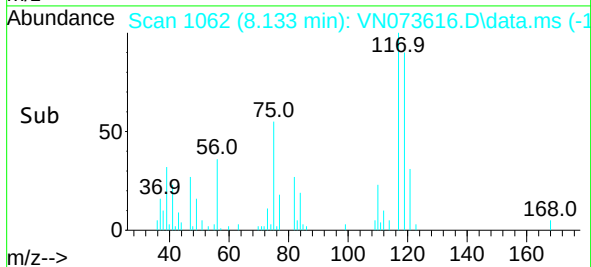
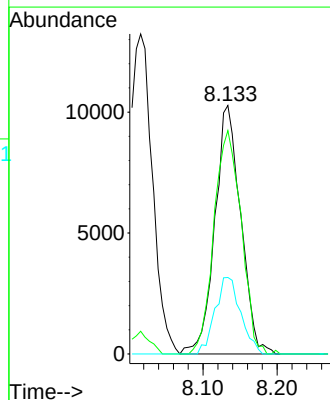
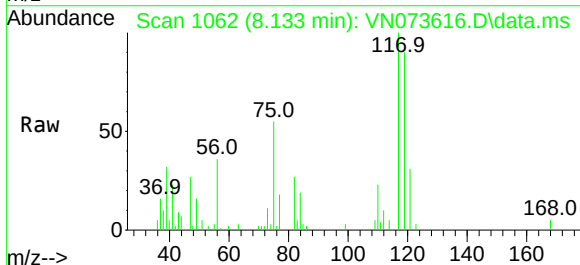
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

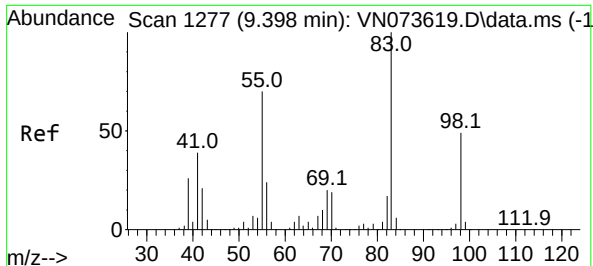
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 33557 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 14.5     | 11.8 17.6   |
| 70 10.2     | 9.3 13.9    |



#38  
Carbon Tetrachloride  
Concen: 4.896 ug/l  
RT: 8.133 min Scan# 1062  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:117 | Resp: | 24961 |       |
| Ion         | Ratio | Lower | Upper |
| 117         | 100   |       |       |
| 119         | 89.9  | 75.8  | 113.8 |
| 121         | 30.8  | 24.6  | 37.0  |





#39

Methylcyclohexane

Concen: 4.571 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VN073616.D

Acq: 28 Jul 2022 10:55

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC005

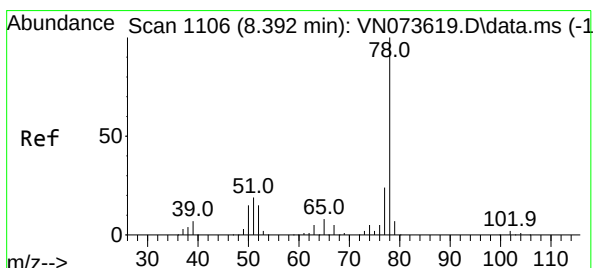
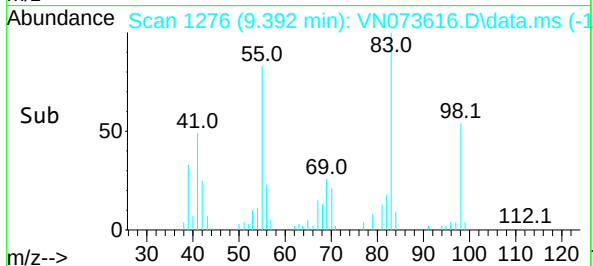
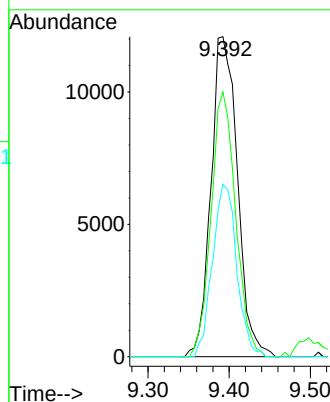
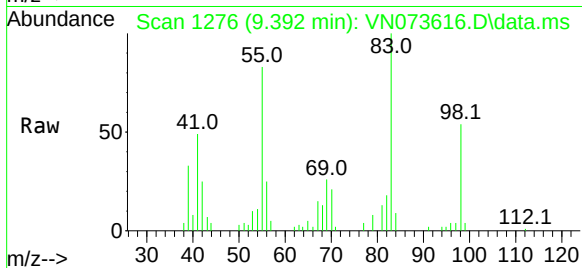
Tgt Ion: 83 Resp: 27376

Ion Ratio Lower Upper

83 100

55 82.7 57.8 86.8

98 53.9 39.4 59.2



#40

Benzene

Concen: 5.103 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VN073616.D

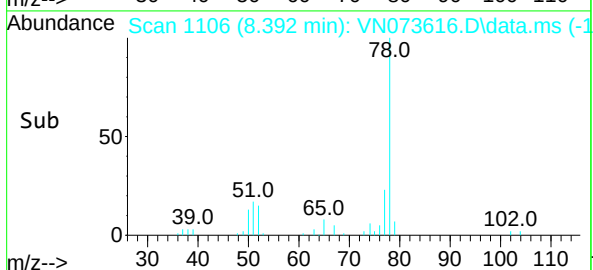
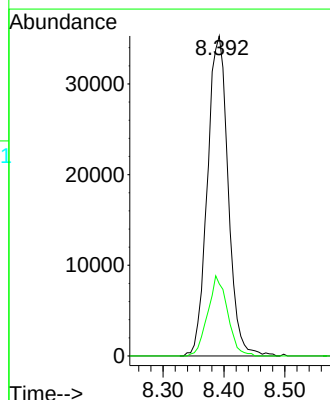
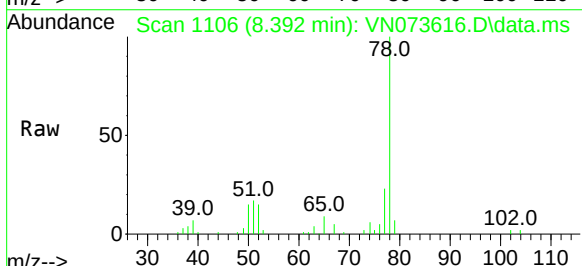
Acq: 28 Jul 2022 10:55

Tgt Ion: 78 Resp: 83557

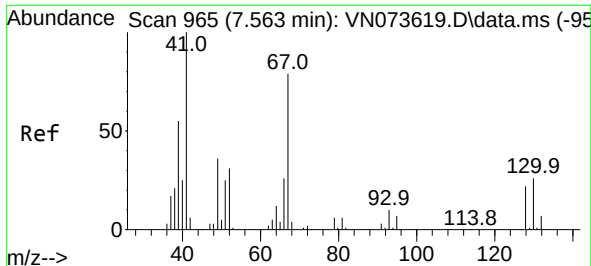
Ion Ratio Lower Upper

78 100

77 22.5 19.4 29.0





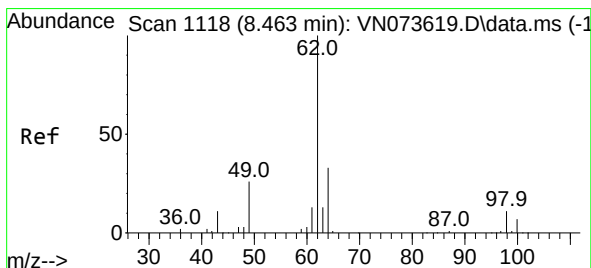
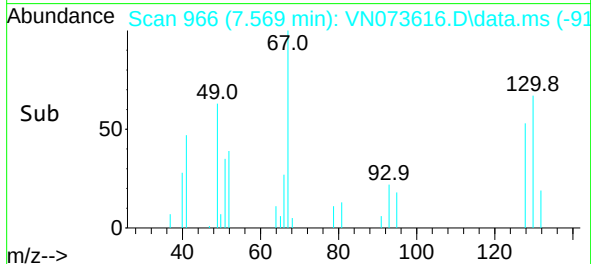
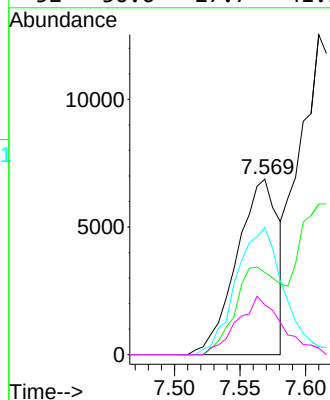
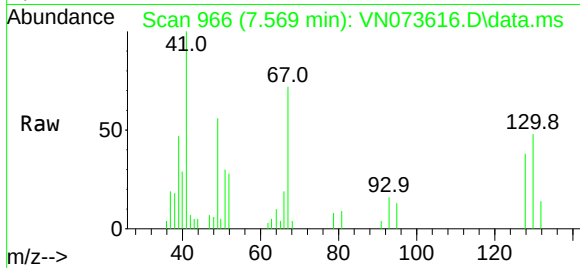


#41  
Methacrylonitrile  
Concen: 5.015 ug/l  
RT: 7.569 min Scan# 911  
Delta R.T. 0.006 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

Tgt Ion: 41 Resp: 15112

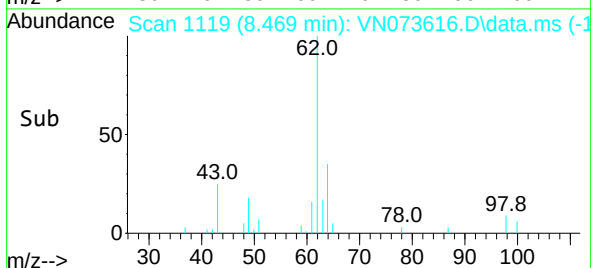
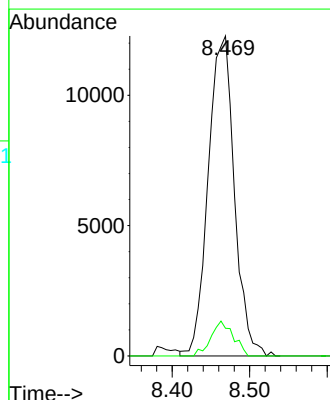
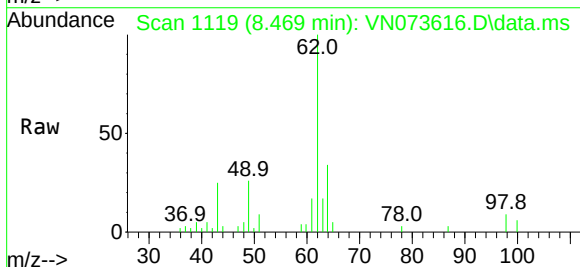
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 57.4  | 48.6  | 73.0  |
| 67  | 85.1  | 73.4  | 110.2 |
| 52  | 36.6  | 27.7  | 41.5  |

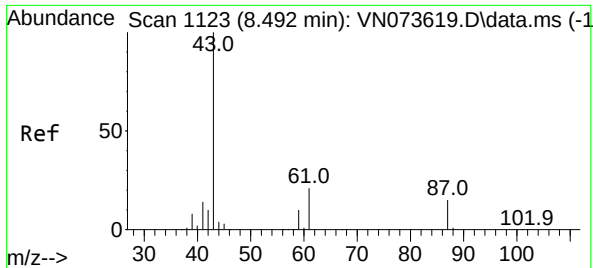


#42  
1,2-Dichloroethane  
Concen: 5.141 ug/l  
RT: 8.469 min Scan# 1119  
Delta R.T. 0.006 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

Tgt Ion: 62 Resp: 28765

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.3   | 0.0   | 19.4  |

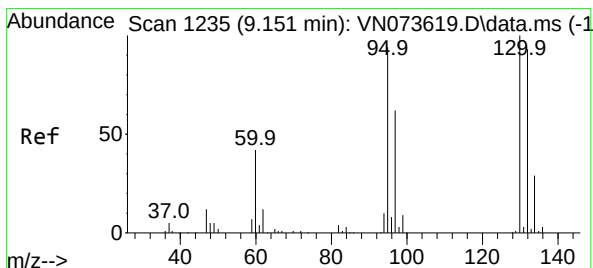
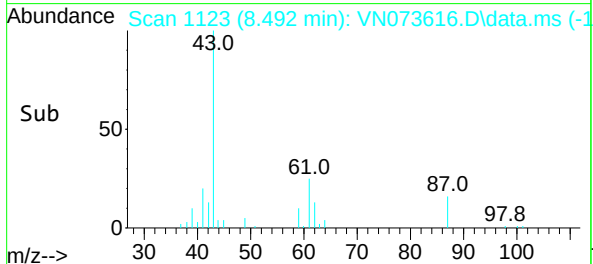
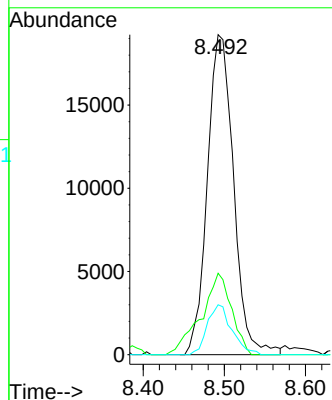
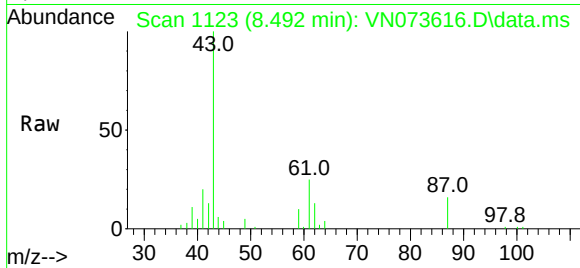




#43  
Isopropyl Acetate  
Concen: 4.804 ug/l  
RT: 8.492 min Scan# 1123  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

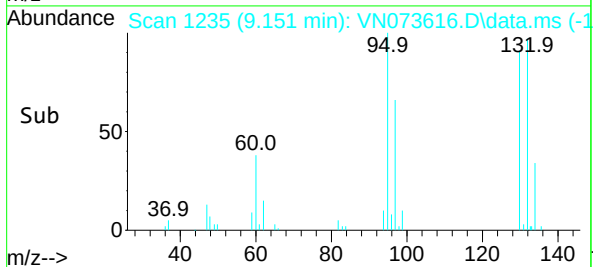
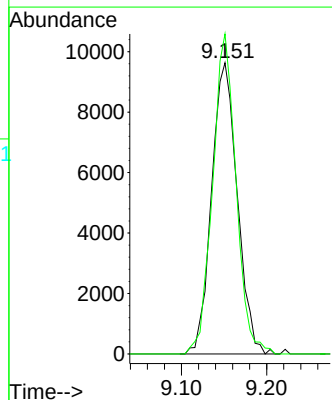
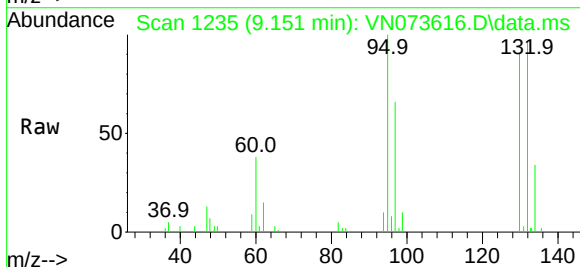
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

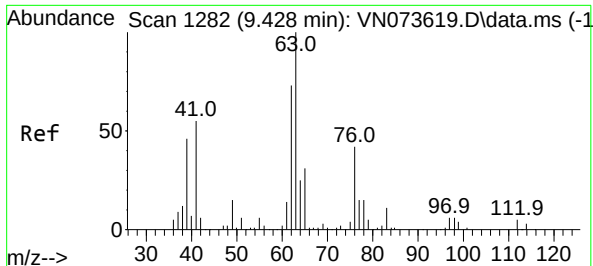
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 43183 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 29.4  | 21.9  | 32.9  |
| 87       | 14.6  | 12.0  | 18.0  |



#44  
Trichloroethene  
Concen: 4.896 ug/l  
RT: 9.151 min Scan# 1235  
Delta R.T. 0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 20206 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 109.9 | 0.0   | 186.8 |





#45

1,2-Dichloropropane

Concen: 4.869 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VN073616.D

Acq: 28 Jul 2022 10:55

Instrument :

MSVOA\_N

ClientSampleId :

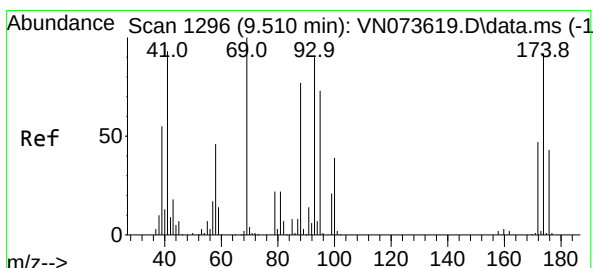
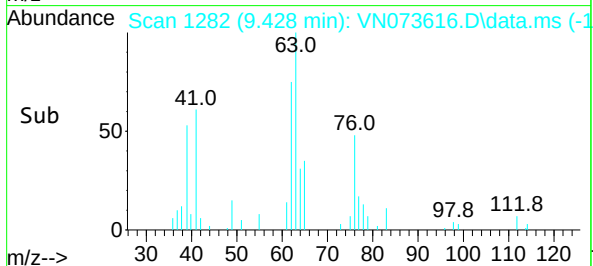
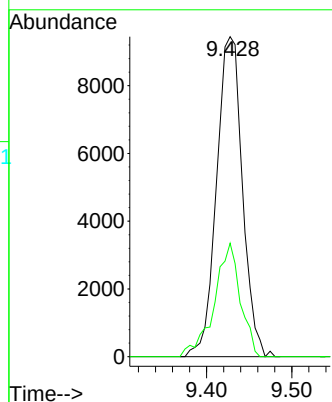
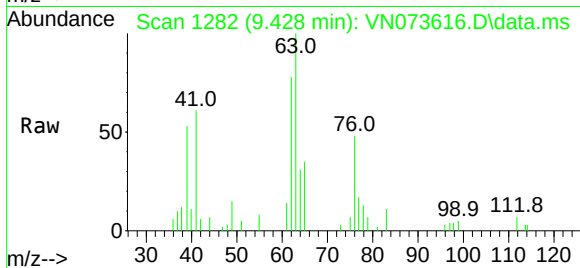
VSTDIC005

Tgt Ion: 63 Resp: 19950

Ion Ratio Lower Upper

63 100

65 35.5 24.9 37.3



#46

Dibromomethane

Concen: 5.119 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073616.D

Acq: 28 Jul 2022 10:55

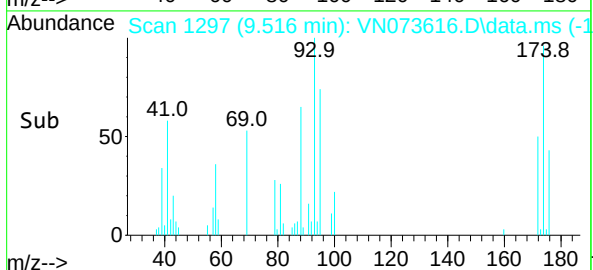
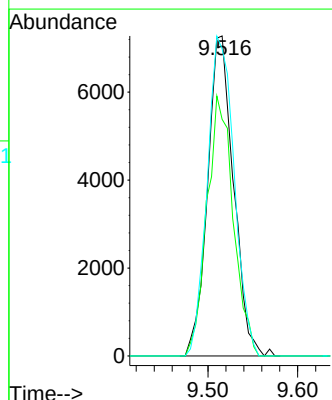
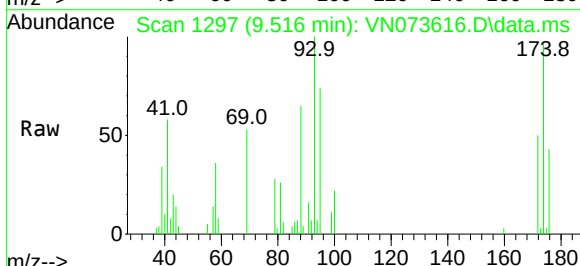
Tgt Ion: 93 Resp: 14617

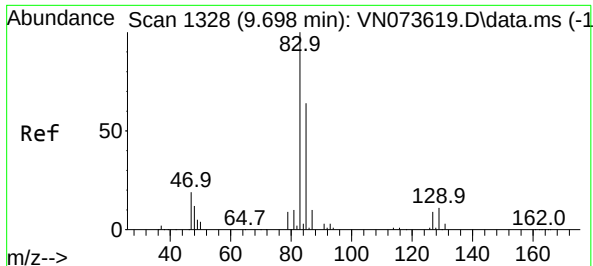
Ion Ratio Lower Upper

93 100

95 82.3 66.9 100.3

174 103.8 86.6 130.0

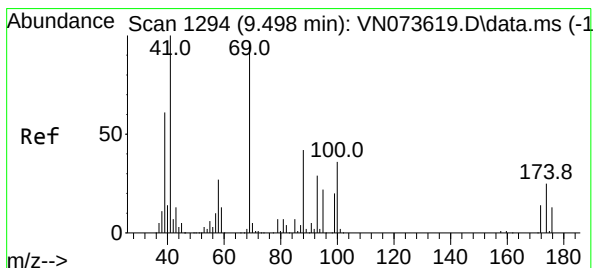
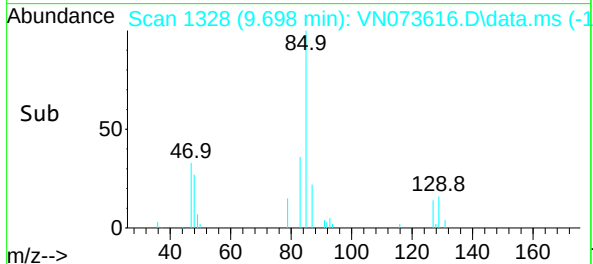
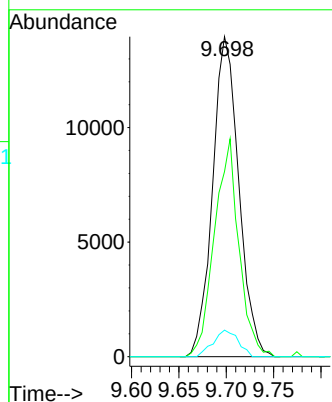
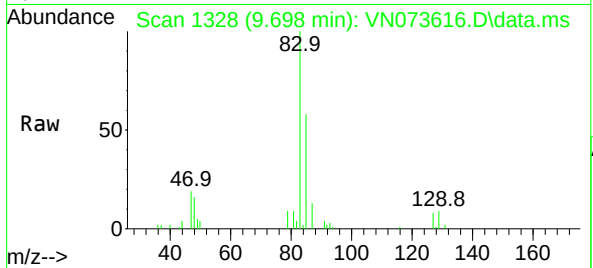




#47  
Bromodichloromethane  
Concen: 4.951 ug/l  
RT: 9.698 min Scan# 1328  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

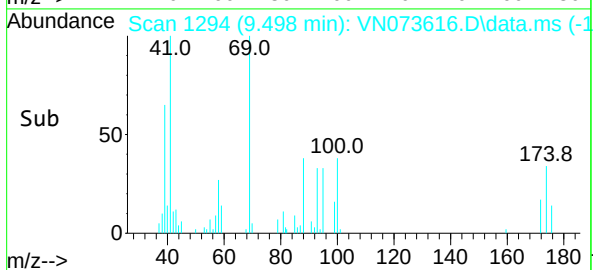
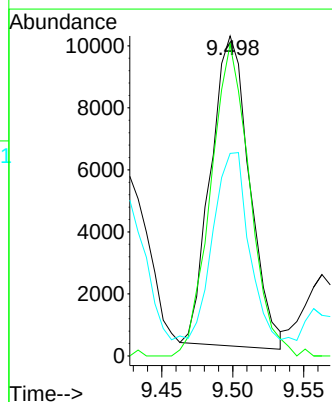
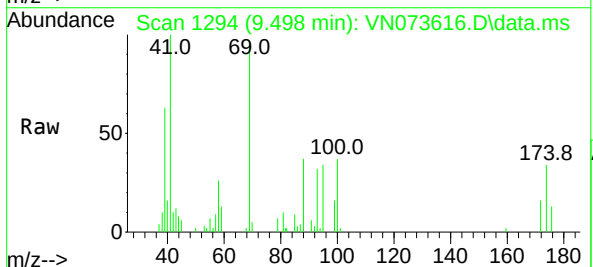
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

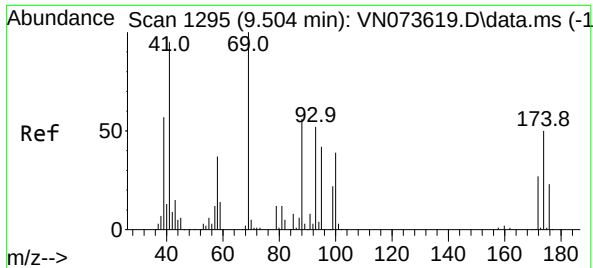
Tgt Ion: 83 Resp: 26937  
Ion Ratio Lower Upper  
83 100  
85 57.8 50.5 75.7  
127 8.3 6.8 10.2



#48  
Methyl methacrylate  
Concen: 4.892 ug/l  
RT: 9.498 min Scan# 1294  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

Tgt Ion: 41 Resp: 18987  
Ion Ratio Lower Upper  
41 100  
69 101.3 74.7 112.1  
39 65.4 45.6 68.4





#49

1,4-Dioxane

Concen: 97.157 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VN073616.D

Acq: 28 Jul 2022 10:55

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

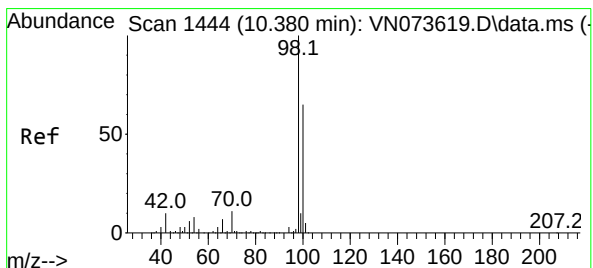
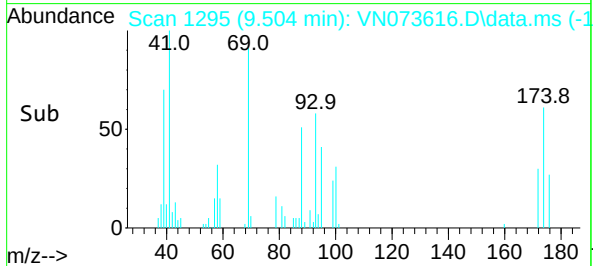
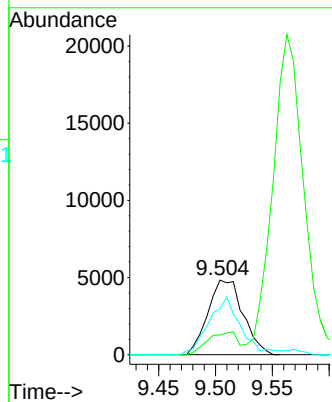
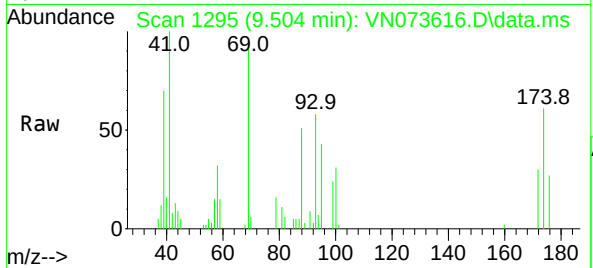
Tgt Ion: 88 Resp: 10412

Ion Ratio Lower Upper

88 100

43 25.6 20.2 30.4

58 69.9 54.2 81.4



#50

Toluene-d8

Concen: 4.925 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN073616.D

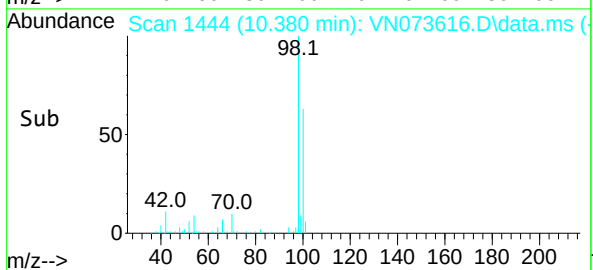
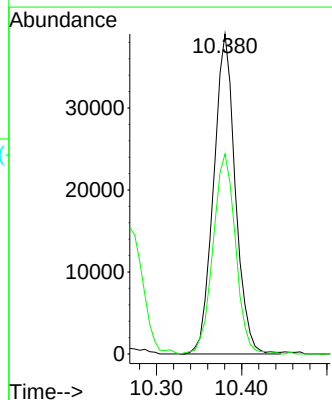
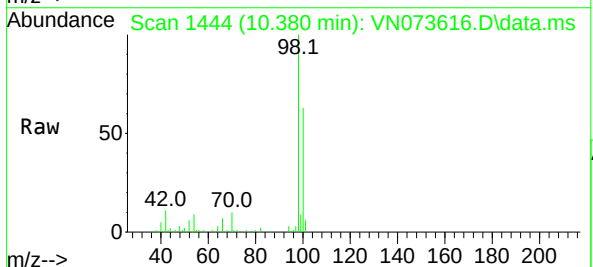
Acq: 28 Jul 2022 10:55

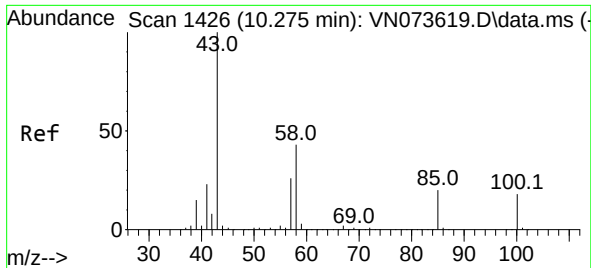
Tgt Ion: 98 Resp: 69144

Ion Ratio Lower Upper

98 100

100 64.9 52.6 78.8

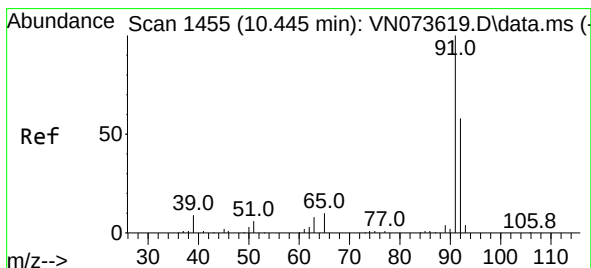
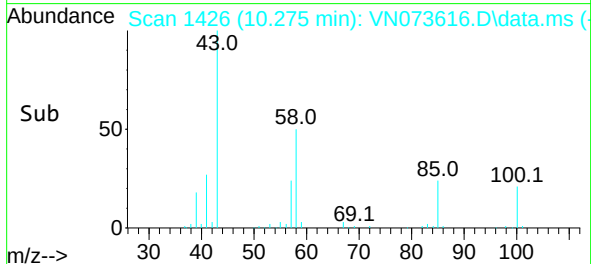
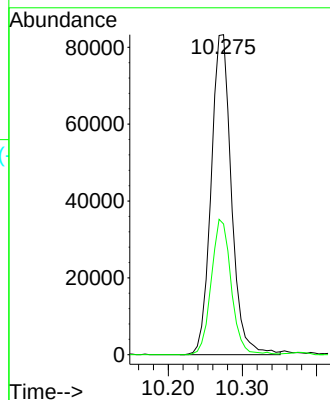
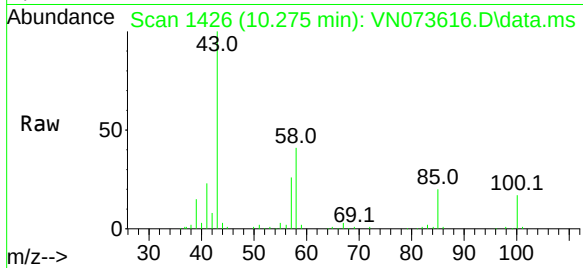




#51  
4-Methyl-2-Pentanone  
Concen: 24.916 ug/l  
RT: 10.275 min Scan# 1426  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

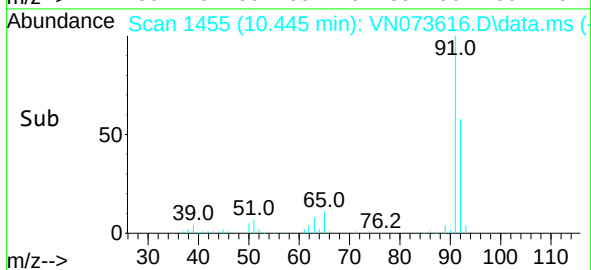
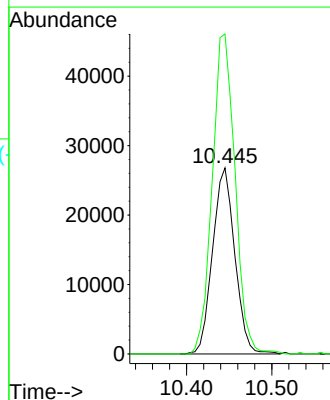
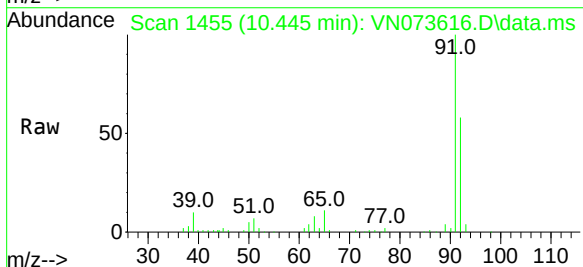
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

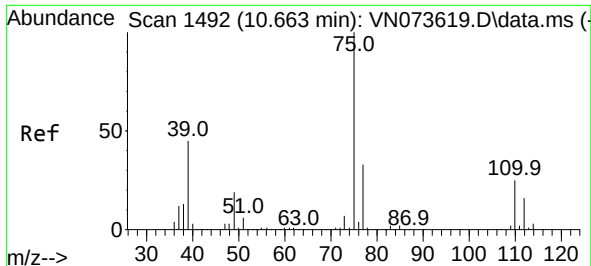
Tgt Ion: 43 Resp: 158878  
Ion Ratio Lower Upper  
43 100  
58 41.5 34.1 51.1



#52  
Toluene  
Concen: 4.889 ug/l  
RT: 10.445 min Scan# 1455  
Delta R.T. 0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

Tgt Ion: 92 Resp: 48646  
Ion Ratio Lower Upper  
92 100  
91 176.4 138.6 207.8

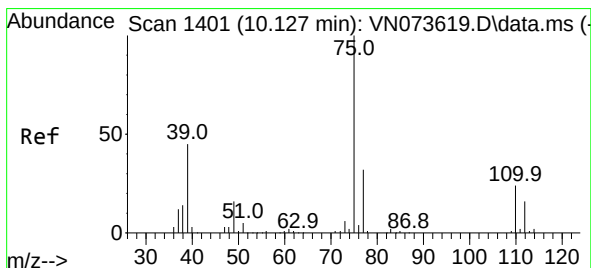
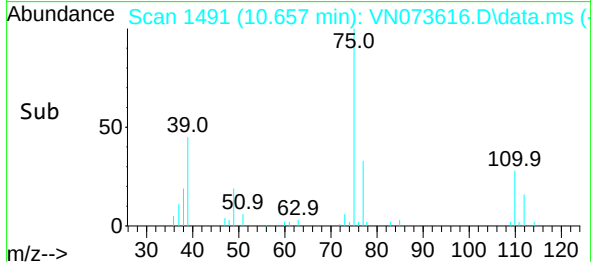
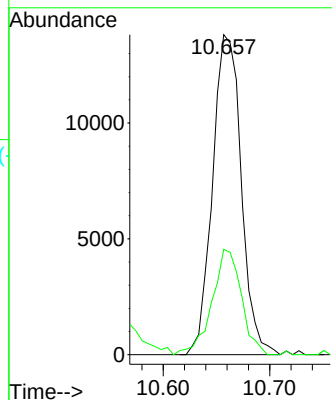
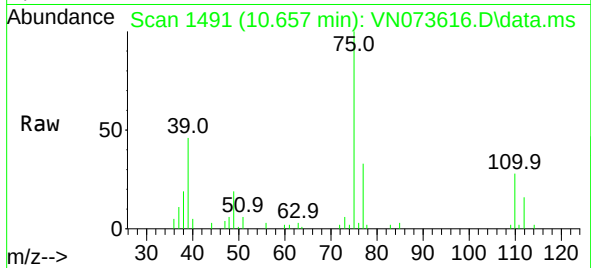




#53  
t-1,3-Dichloropropene  
Concen: 4.775 ug/l  
RT: 10.657 min Scan# 1491  
Delta R.T. -0.006 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

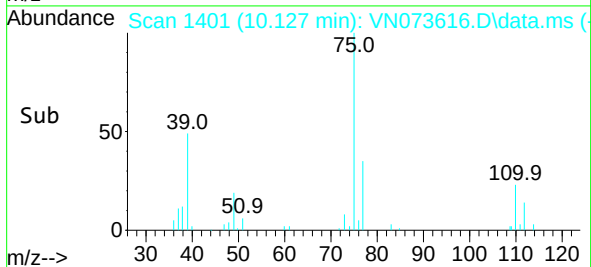
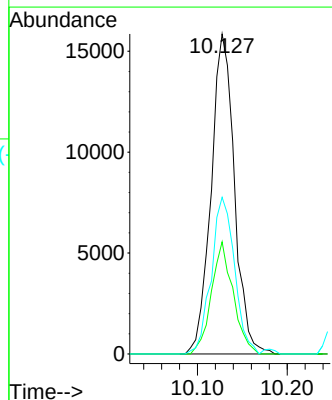
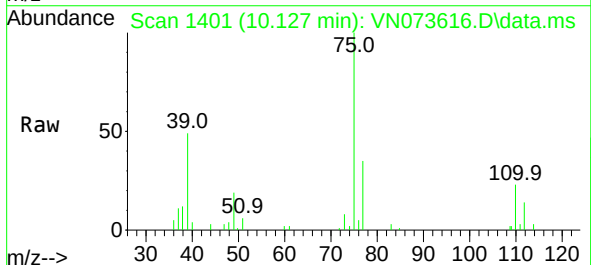
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

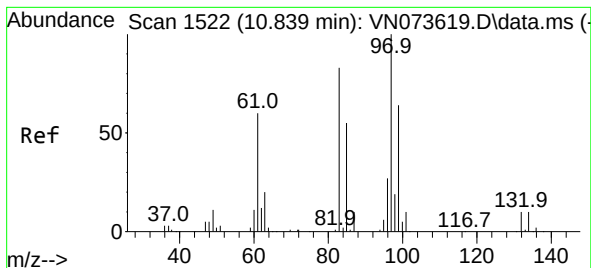
Tgt Ion: 75 Resp: 25817  
Ion Ratio Lower Upper  
75 100  
77 32.9 25.6 38.4



#54  
cis-1,3-Dichloropropene  
Concen: 4.718 ug/l  
RT: 10.127 min Scan# 1401  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

Tgt Ion: 75 Resp: 28606  
Ion Ratio Lower Upper  
75 100  
77 35.1 25.2 37.8  
39 49.0 35.7 53.5





#55

1,1,2-Trichloroethane

Concen: 5.089 ug/l

RT: 10.839 min Scan# 1522

Delta R.T. -0.000 min

Lab File: VN073616.D

Acq: 28 Jul 2022 10:55

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 21597

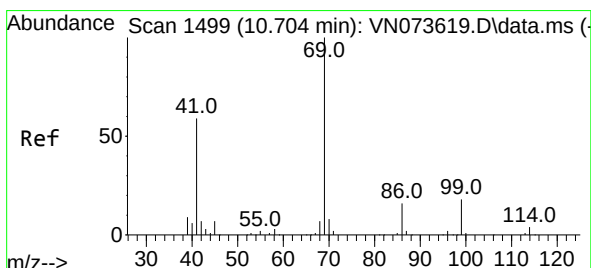
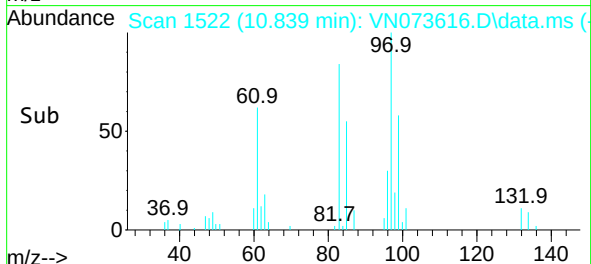
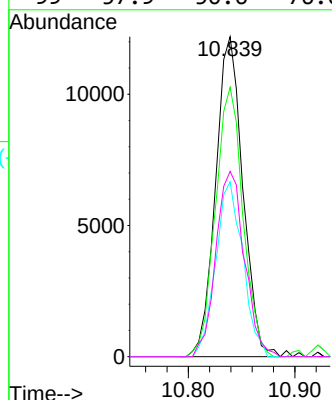
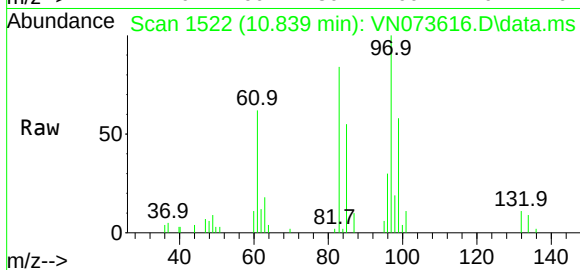
Ion Ratio Lower Upper

97 100

83 84.2 66.2 99.4

85 54.6 43.9 65.9

99 57.9 50.6 76.0



#56

Ethyl methacrylate

Concen: 4.493 ug/l

RT: 10.704 min Scan# 1499

Delta R.T. -0.000 min

Lab File: VN073616.D

Acq: 28 Jul 2022 10:55

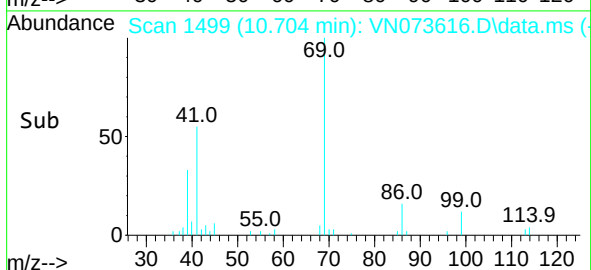
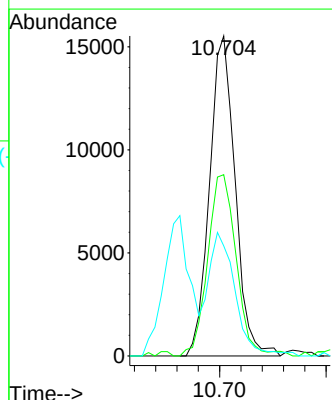
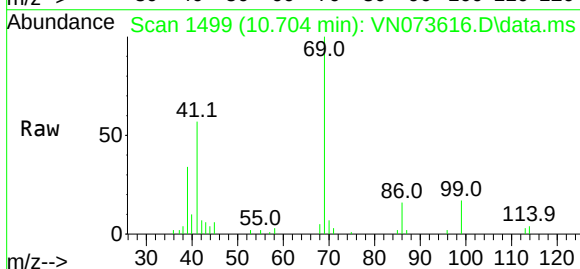
Tgt Ion: 69 Resp: 25894

Ion Ratio Lower Upper

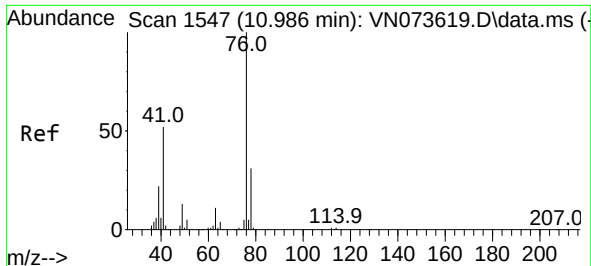
69 100

41 63.2 47.8 71.6

39 40.6 27.3 40.9







#57

1,3-Dichloropropane

Concen: 5.148 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. -0.000 min

Lab File: VN073616.D

Acq: 28 Jul 2022 10:55

Instrument :

MSVOA\_N

ClientSampleId :

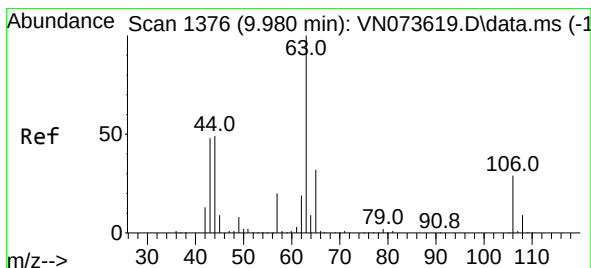
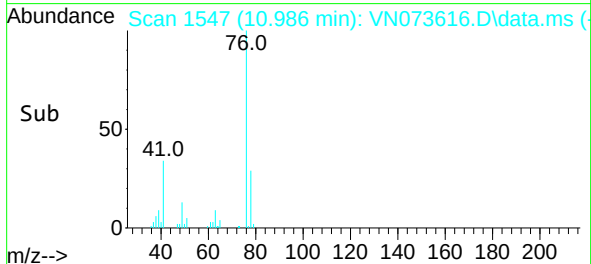
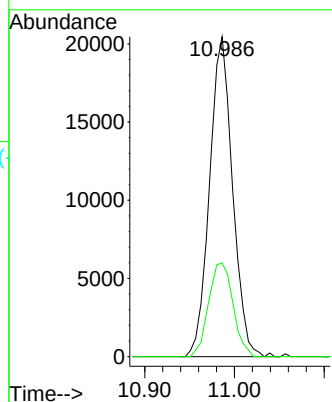
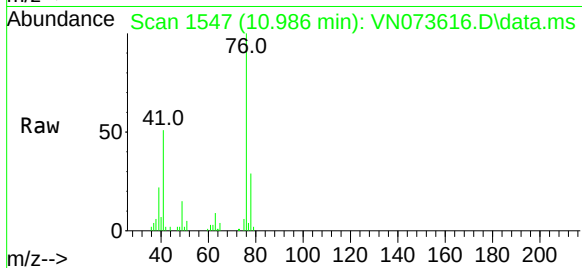
VSTDIC005

Tgt Ion: 76 Resp: 36404

Ion Ratio Lower Upper

76 100

78 31.1 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 22.063 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VN073616.D

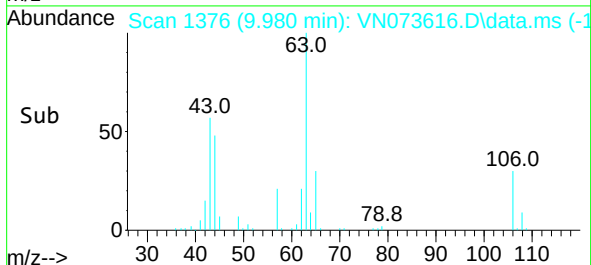
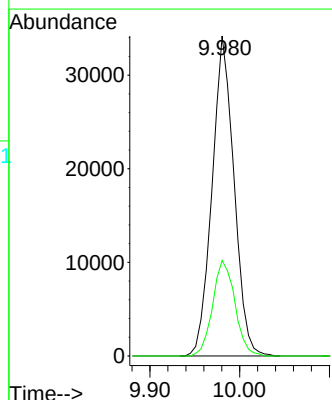
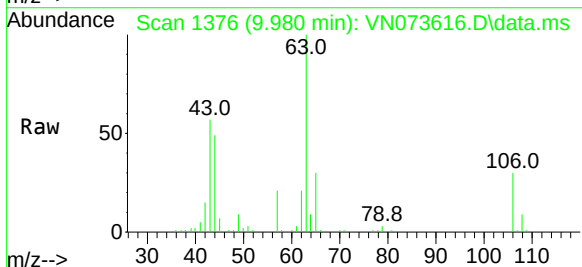
Acq: 28 Jul 2022 10:55

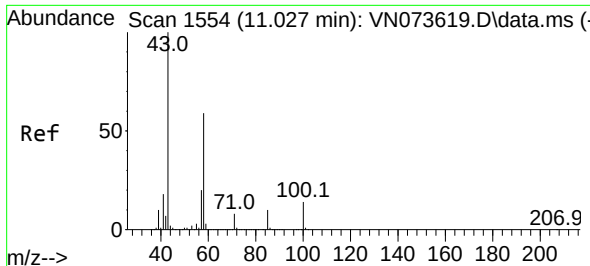
Tgt Ion: 63 Resp: 58111

Ion Ratio Lower Upper

63 100

106 30.2 24.6 36.8

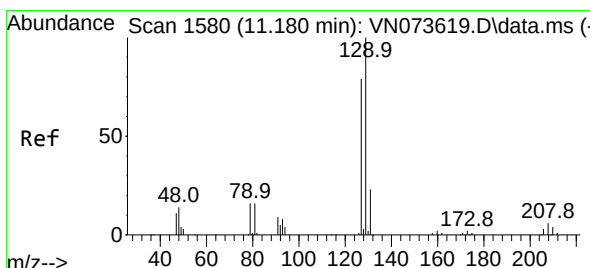
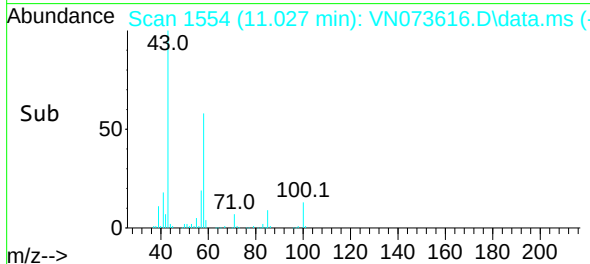
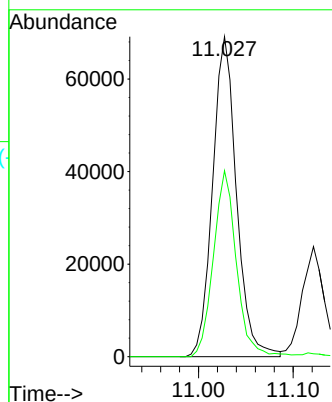
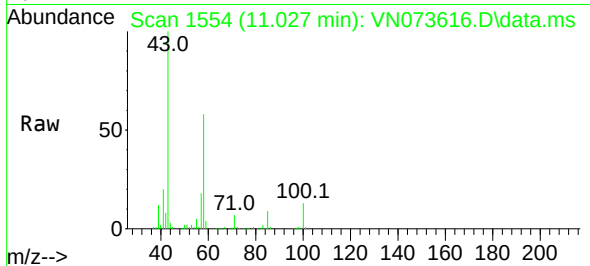




#59  
2-Hexanone  
Concen: 24.932 ug/l  
RT: 11.027 min Scan# 1554  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

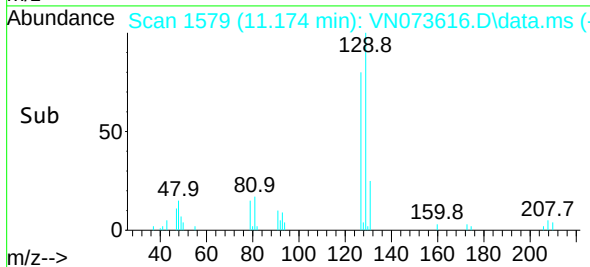
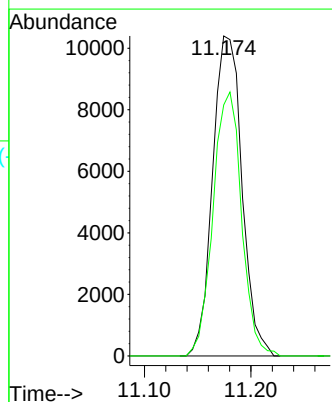
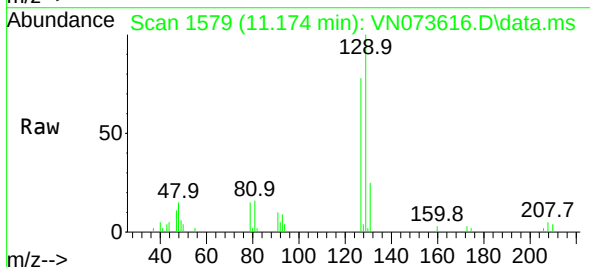
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

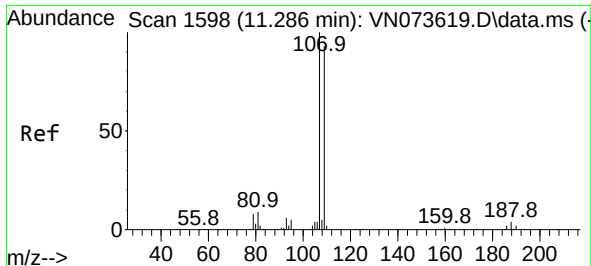
Tgt Ion: 43 Resp: 121294  
Ion Ratio Lower Upper  
43 100  
58 55.9 29.7 89.1



#60  
Dibromochloromethane  
Concen: 4.708 ug/l  
RT: 11.174 min Scan# 1579  
Delta R.T. -0.006 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

Tgt Ion: 129 Resp: 19887  
Ion Ratio Lower Upper  
129 100  
127 80.1 38.8 116.4

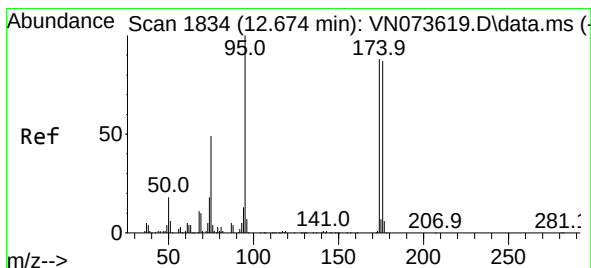
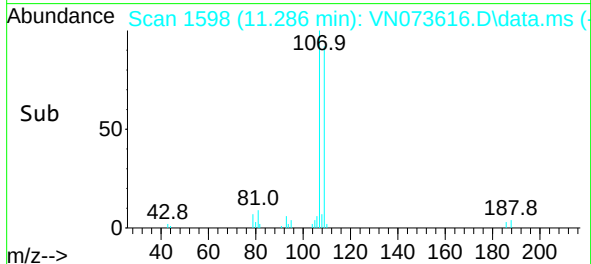
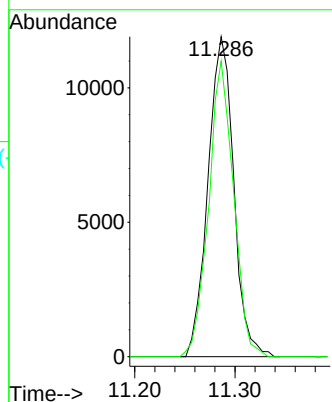
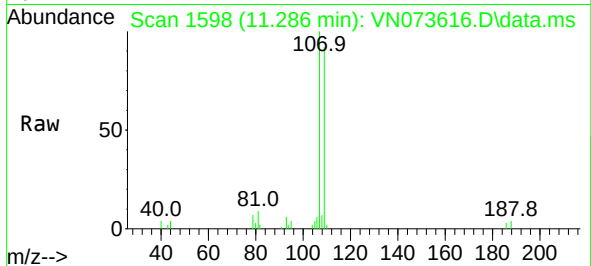




#61  
1,2-Dibromoethane  
Concen: 4.945 ug/l  
RT: 11.286 min Scan# 1598  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

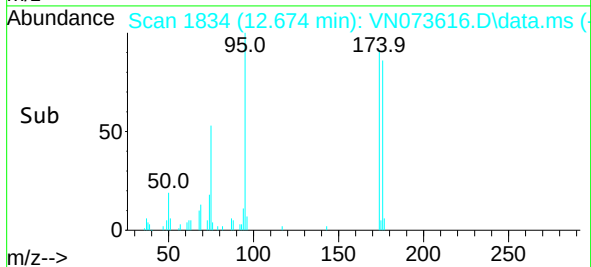
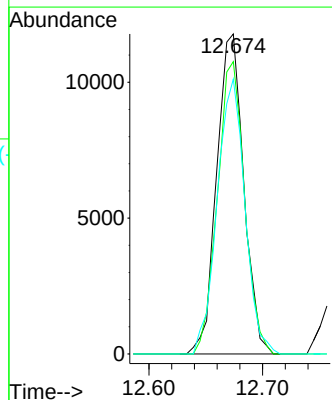
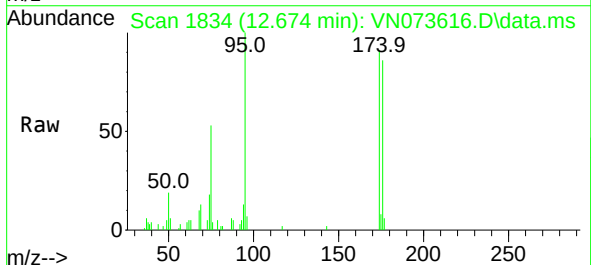
Instrument :  
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ClientSampleId :  
VSTDIC005

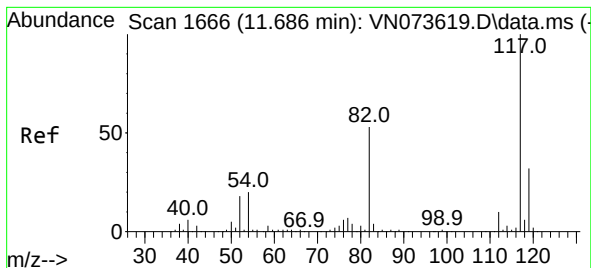
Tgt Ion:107 Resp: 21265  
Ion Ratio Lower Upper  
107 100  
109 89.5 75.0 112.6



#62  
4-Bromofluorobenzene  
Concen: 4.483 ug/l  
RT: 12.674 min Scan# 1834  
Delta R.T. 0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

Tgt Ion: 95 Resp: 19460  
Ion Ratio Lower Upper  
95 100  
174 91.5 0.0 167.6  
176 88.2 0.0 163.4

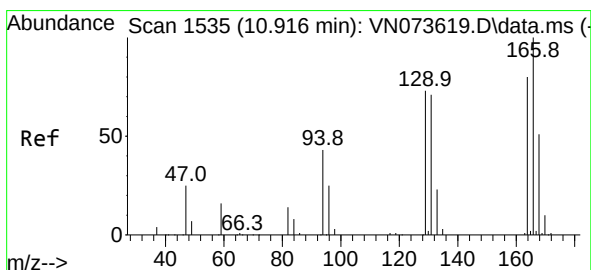
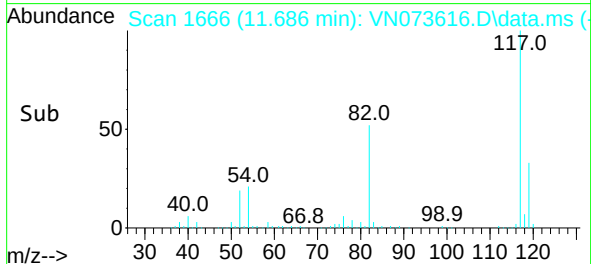
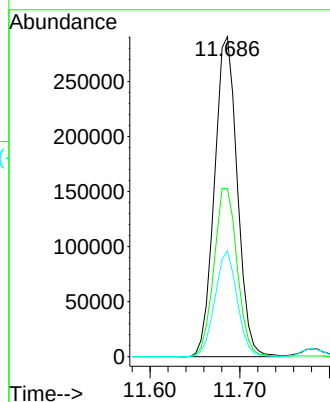
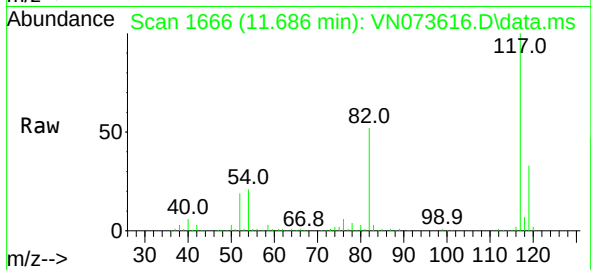




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.686 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

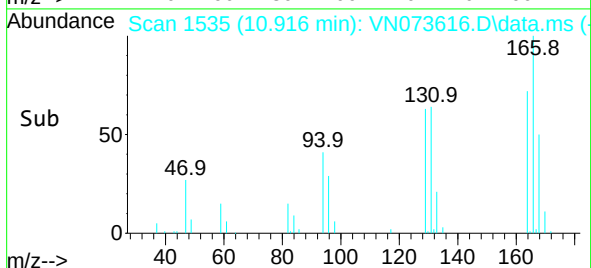
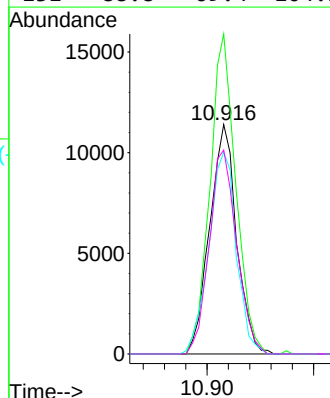
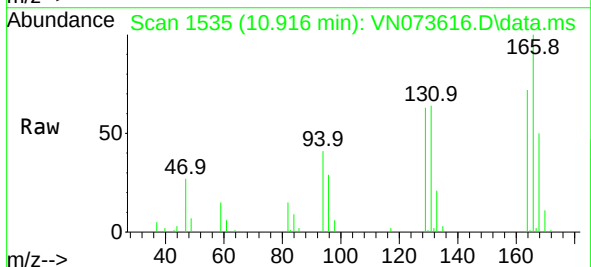
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

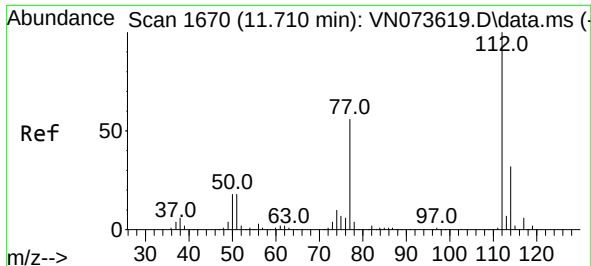
Tgt Ion:117 Resp: 513668  
Ion Ratio Lower Upper  
117 100  
82 52.5 44.2 66.2  
119 33.1 25.4 38.0



#64  
Tetrachloroethene  
Concen: 4.906 ug/l  
RT: 10.916 min Scan# 1535  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

Tgt Ion:164 Resp: 19951  
Ion Ratio Lower Upper  
164 100  
166 139.5 104.2 156.2  
129 88.0 73.9 110.9  
131 88.8 69.4 104.2

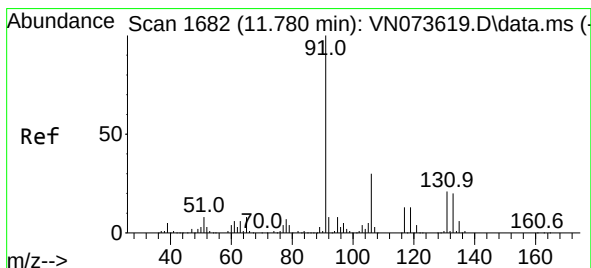
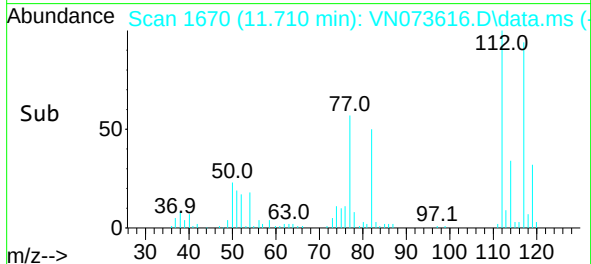
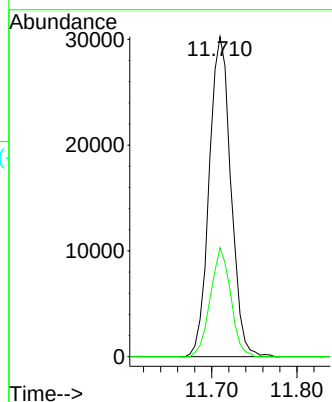
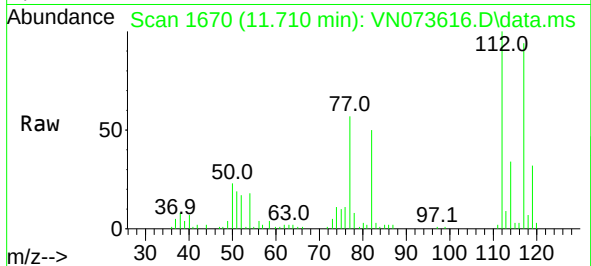




#65  
Chlorobenzene  
Concen: 4.889 ug/l  
RT: 11.710 min Scan# 1670  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

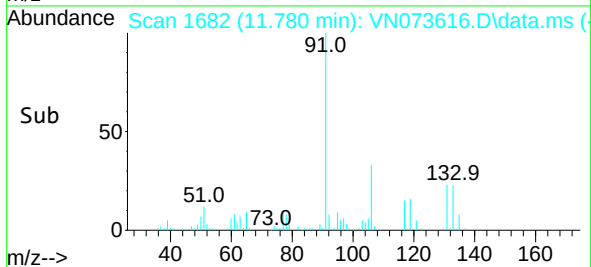
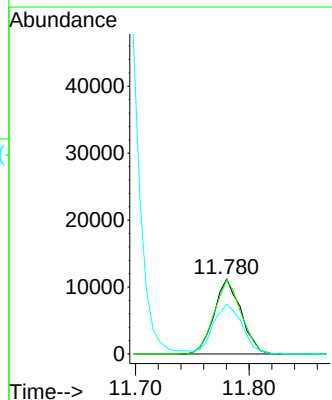
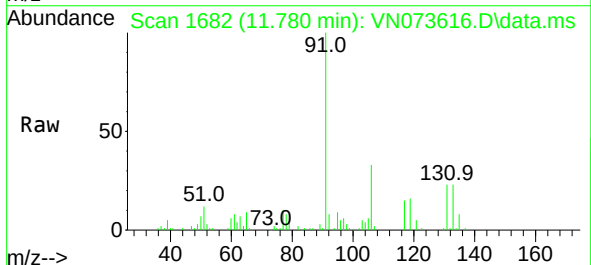
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

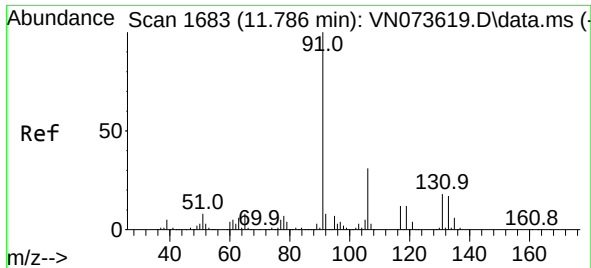
Tgt Ion:112 Resp: 53445  
Ion Ratio Lower Upper  
112 100  
114 34.0 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 4.770 ug/l  
RT: 11.780 min Scan# 1682  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

Tgt Ion:131 Resp: 18450  
Ion Ratio Lower Upper  
131 100  
133 99.8 47.8 143.4  
119 70.9 33.4 100.2

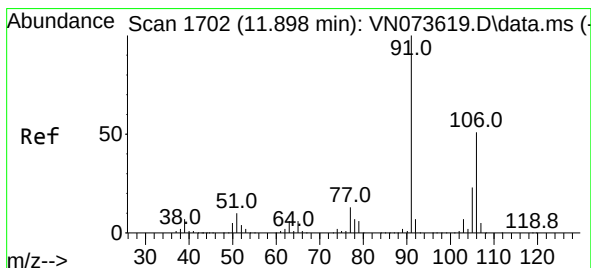
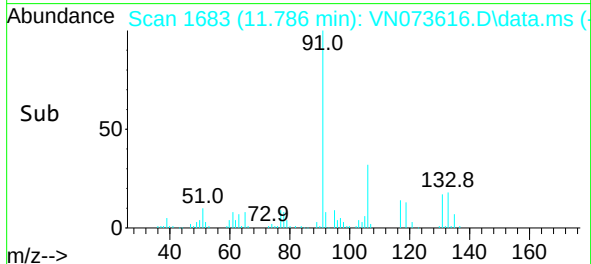
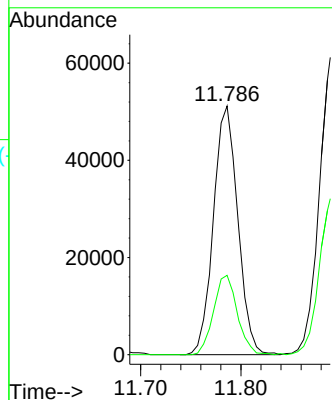
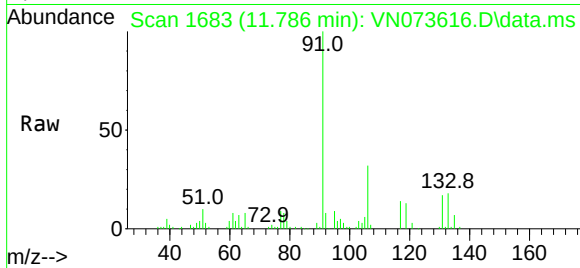




#67  
Ethyl Benzene  
Concen: 4.744 ug/l  
RT: 11.786 min Scan# 1170  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

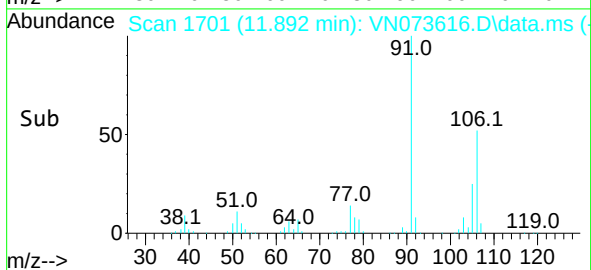
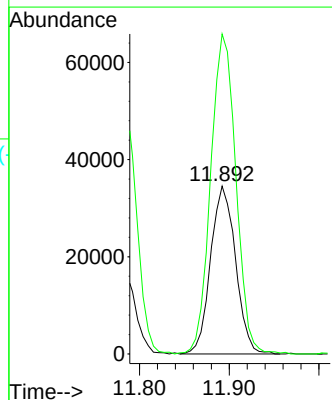
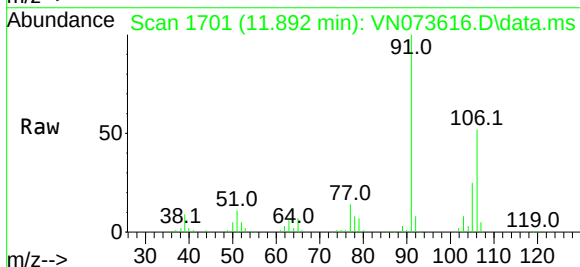
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

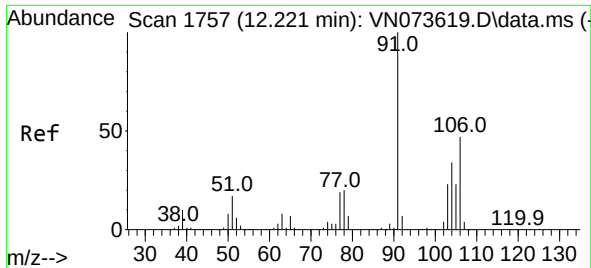
Tgt Ion: 91 Resp: 86319  
Ion Ratio Lower Upper  
91 100  
106 31.9 24.9 37.3



#68  
m/p-Xylenes  
Concen: 9.569 ug/l  
RT: 11.892 min Scan# 1701  
Delta R.T. -0.006 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

Tgt Ion: 106 Resp: 66776  
Ion Ratio Lower Upper  
106 100  
91 192.8 158.9 238.3

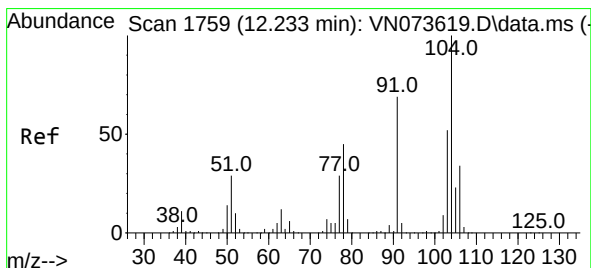
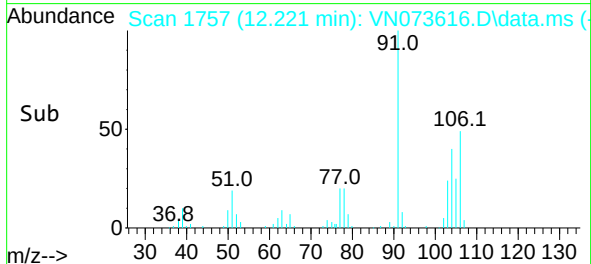
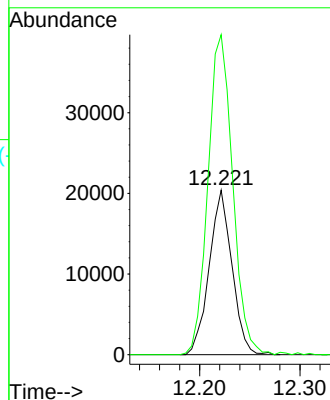
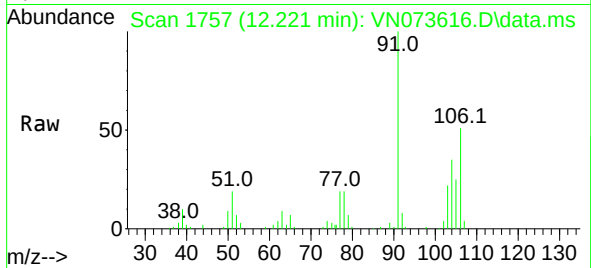




#69  
o-Xylene  
Concen: 4.757 ug/l  
RT: 12.221 min Scan# 1757  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

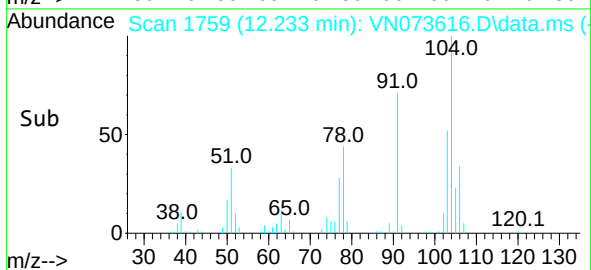
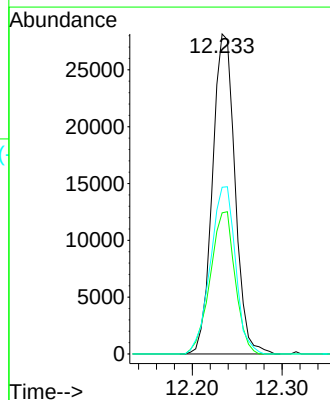
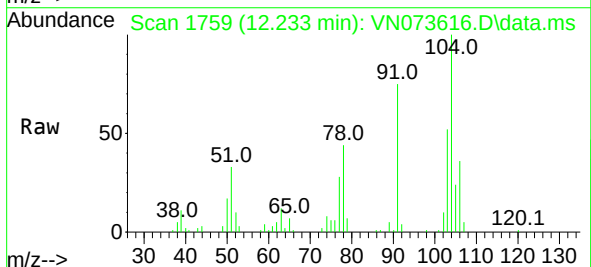
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

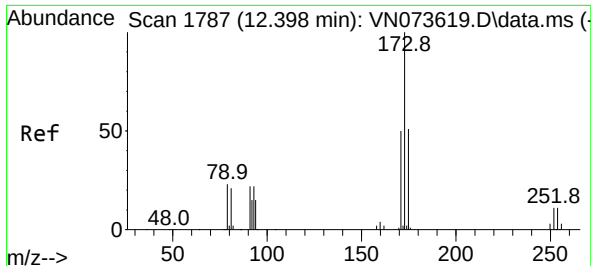
Tgt Ion:106 Resp: 32212  
Ion Ratio Lower Upper  
106 100  
91 210.7 106.0 318.0



#70  
Styrene  
Concen: 4.542 ug/l  
RT: 12.233 min Scan# 1759  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

Tgt Ion:104 Resp: 49203  
Ion Ratio Lower Upper  
104 100  
78 48.9 39.5 59.3  
103 58.1 44.0 66.0

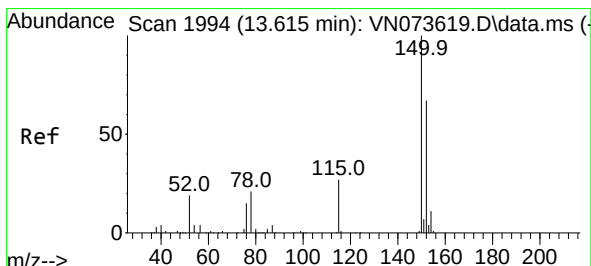
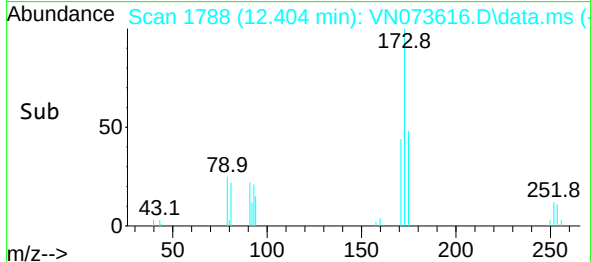
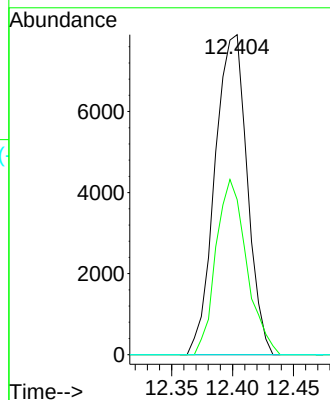
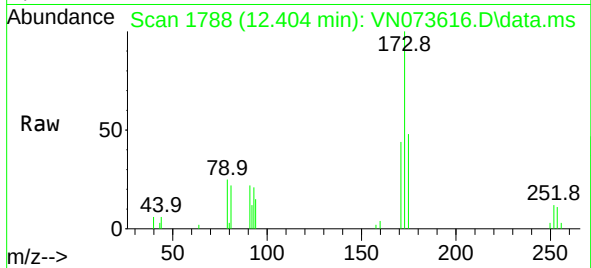




#71  
Bromoform  
Concen: 4.632 ug/l  
RT: 12.404 min Scan# 1788  
Delta R.T. 0.006 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

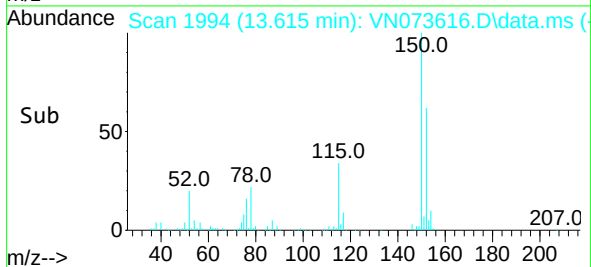
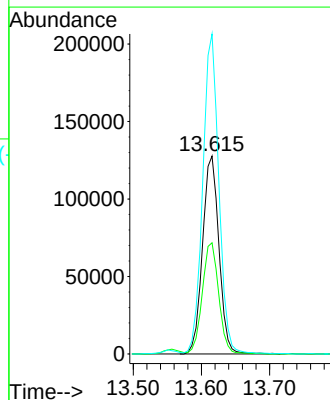
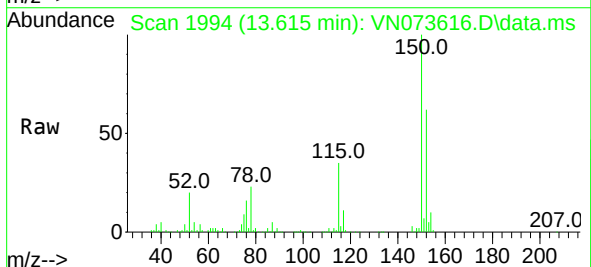
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

Tgt Ion:173 Resp: 14546  
Ion Ratio Lower Upper  
173 100  
175 52.2 24.6 73.6  
254 0.0 0.1 0.1#

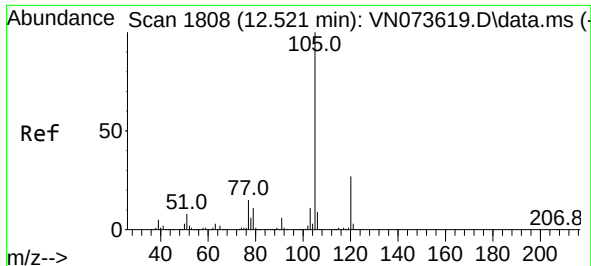


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.615 min Scan# 1994  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

Tgt Ion:152 Resp: 213902  
Ion Ratio Lower Upper  
152 100  
115 56.2 28.9 86.7  
150 157.5 0.0 356.2



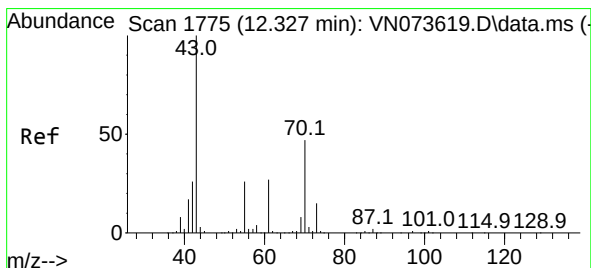
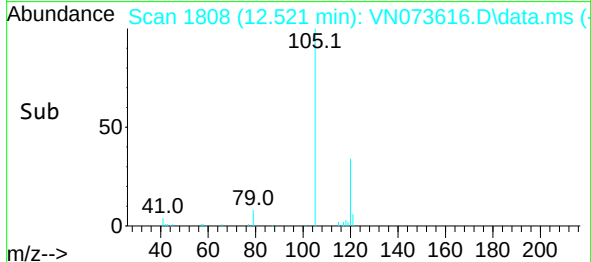
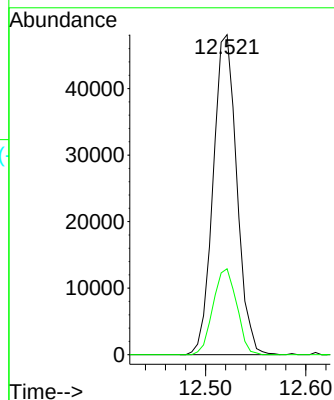
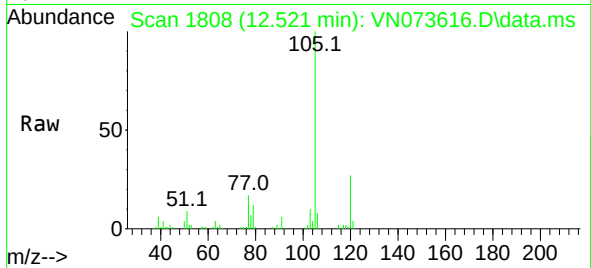




#73  
Isopropylbenzene  
Concen: 5.017 ug/l  
RT: 12.521 min Scan# 1808  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

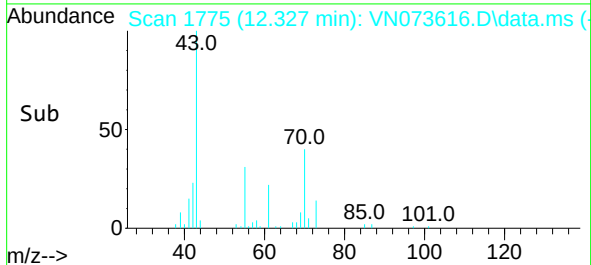
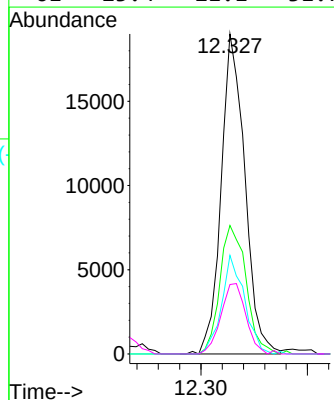
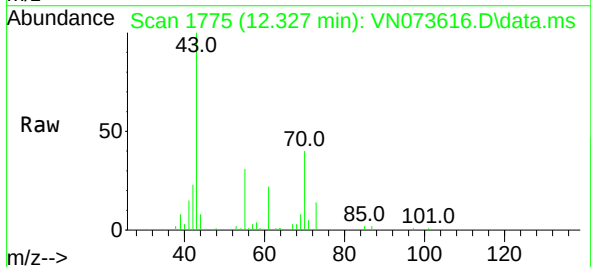
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

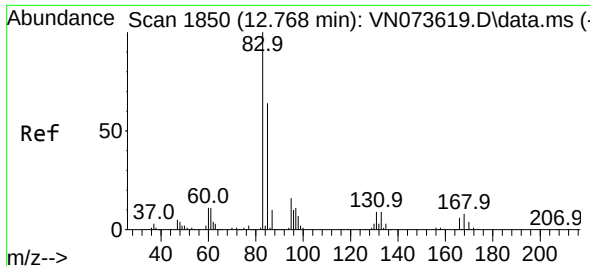
Tgt Ion:105 Resp: 78865  
Ion Ratio Lower Upper  
105 100  
120 26.8 13.5 40.4



#74  
N-ethyl acetate  
Concen: 4.971 ug/l  
RT: 12.327 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

Tgt Ion: 43 Resp: 29313  
Ion Ratio Lower Upper  
43 100  
70 44.4 39.0 58.4  
55 29.9 21.1 31.7  
61 23.4 21.1 31.7

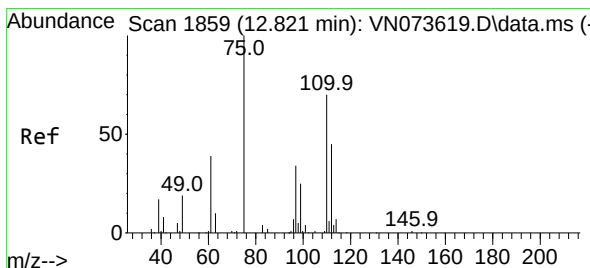
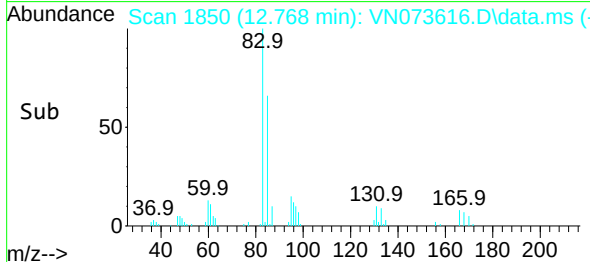
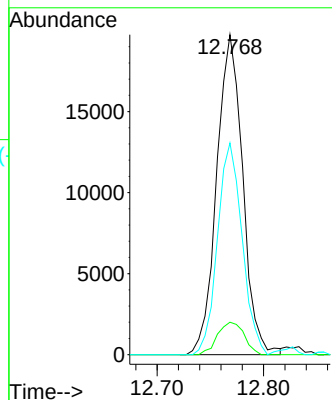
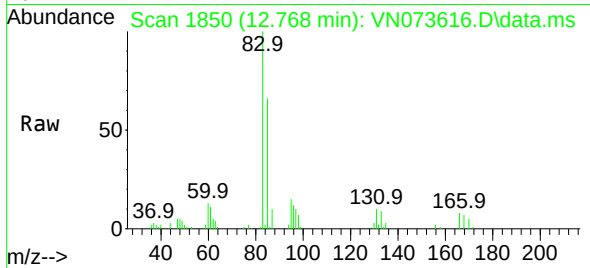




#75  
 1,1,2-Tetrachloroethane  
 Concen: 5.541 ug/l  
 RT: 12.768 min Scan# 1850  
 Delta R.T. -0.000 min  
 Lab File: VN073616.D  
 Acq: 28 Jul 2022 10:55

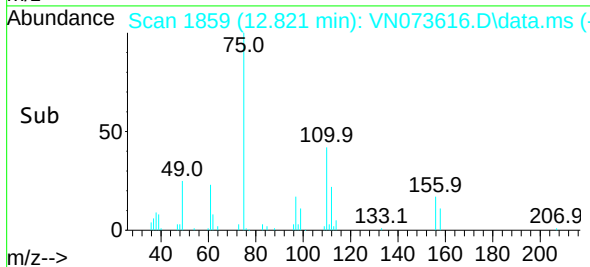
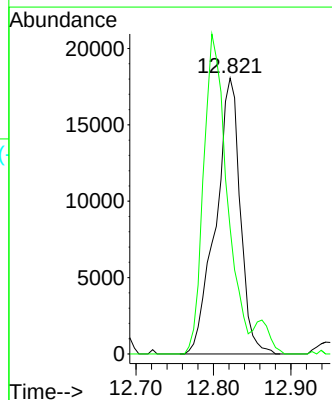
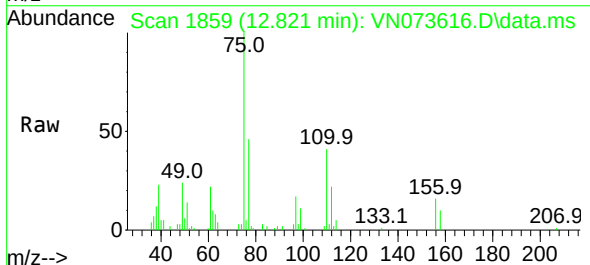
Instrument :  
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 ClientSampleId :  
 VSTDIC005

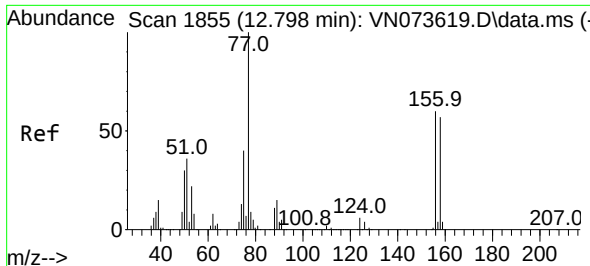
Tgt Ion: 83 Resp: 33561  
 Ion Ratio Lower Upper  
 83 100  
 131 10.4 5.3 15.9  
 85 62.4 32.3 96.9



#76  
 1,2,3-Trichloropropane  
 Concen: 7.859 ug/l  
 RT: 12.821 min Scan# 1859  
 Delta R.T. 0.000 min  
 Lab File: VN073616.D  
 Acq: 28 Jul 2022 10:55

Tgt Ion: 75 Resp: 39833  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 98.5 295.5#

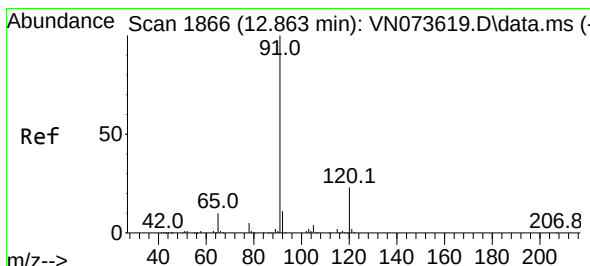
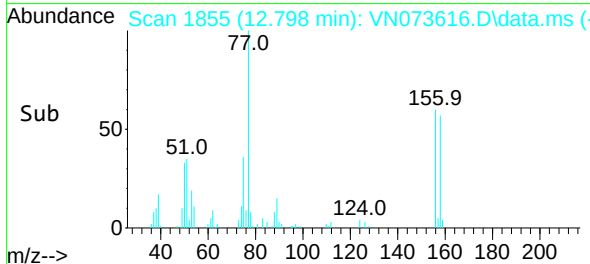
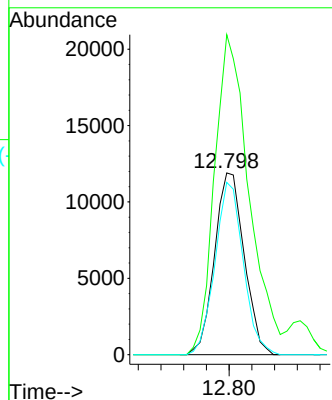
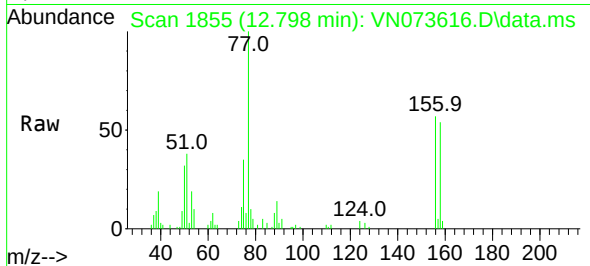




#77  
Bromobenzene  
Concen: 5.313 ug/l  
RT: 12.798 min Scan# 1855  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

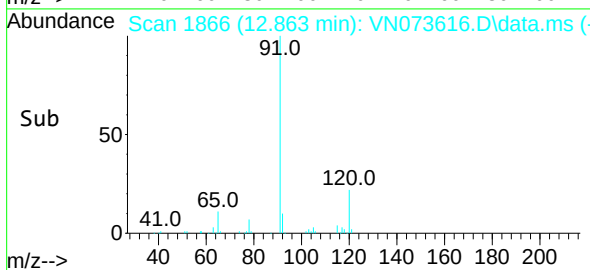
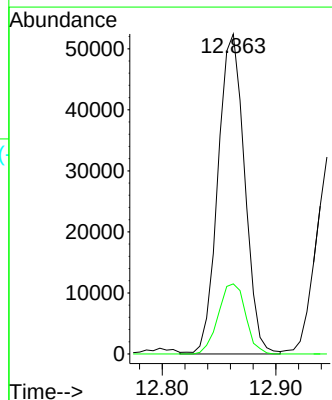
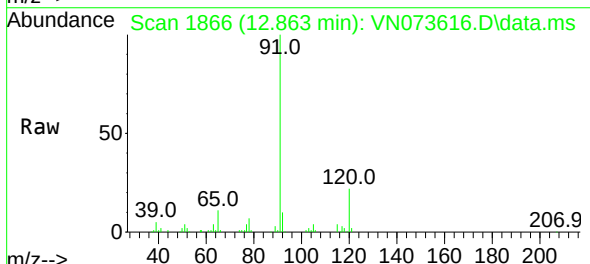
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

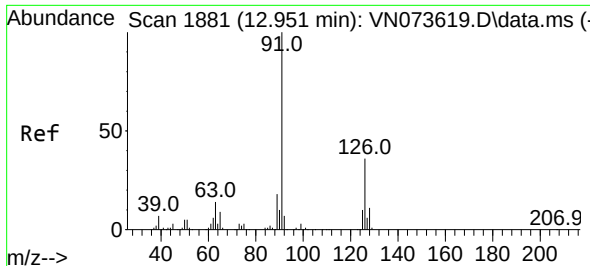
Tgt Ion:156 Resp: 21576  
Ion Ratio Lower Upper  
156 100  
77 204.2 100.5 301.5  
158 90.6 48.9 146.6



#78  
n-propylbenzene  
Concen: 4.899 ug/l  
RT: 12.863 min Scan# 1866  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

Tgt Ion: 91 Resp: 85424  
Ion Ratio Lower Upper  
91 100  
120 22.4 11.9 35.5

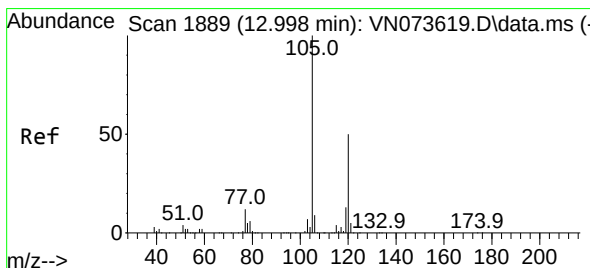
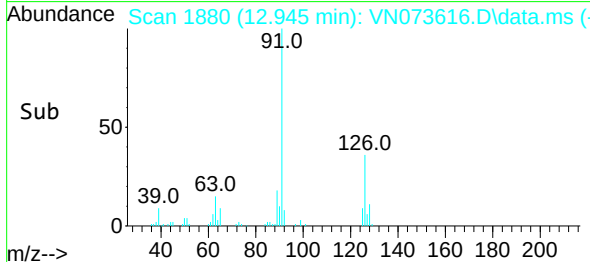
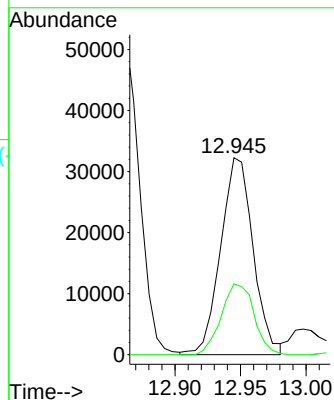
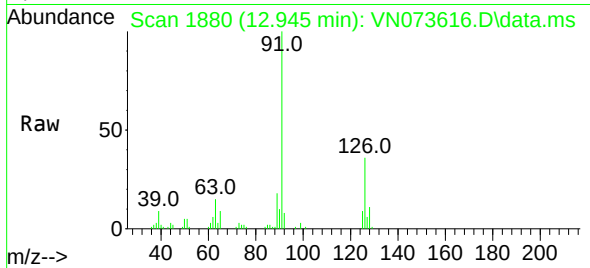




#79  
2-Chlorotoluene  
Concen: 5.109 ug/l  
RT: 12.945 min Scan# 1880  
Delta R.T. -0.006 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

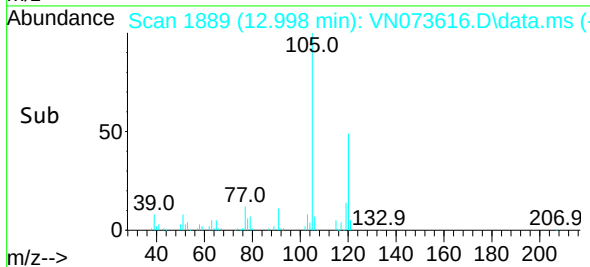
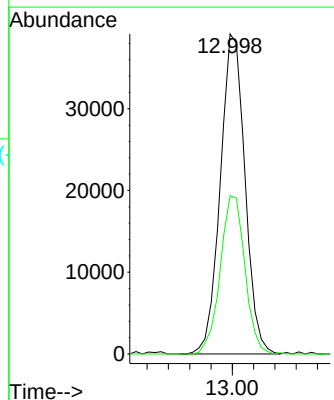
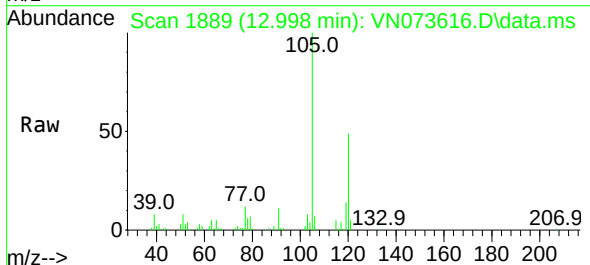
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

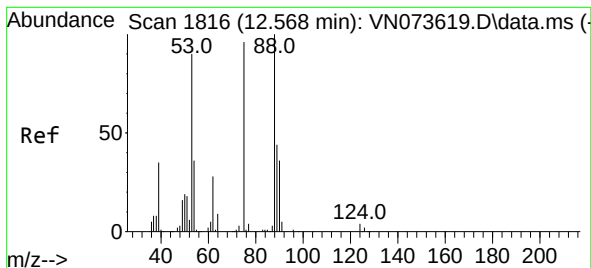
Tgt Ion: 91 Resp: 55664  
Ion Ratio Lower Upper  
91 100  
126 36.2 17.3 51.9



#80  
1,3,5-Trimethylbenzene  
Concen: 4.915 ug/l  
RT: 12.998 min Scan# 1889  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

Tgt Ion: 105 Resp: 62901  
Ion Ratio Lower Upper  
105 100  
120 49.5 24.9 74.7

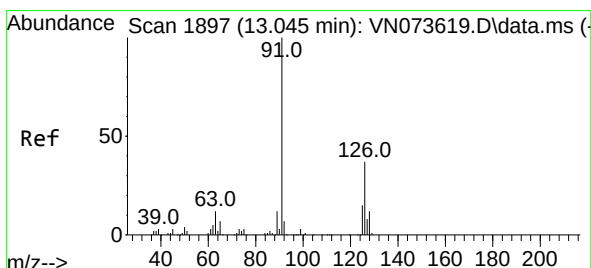
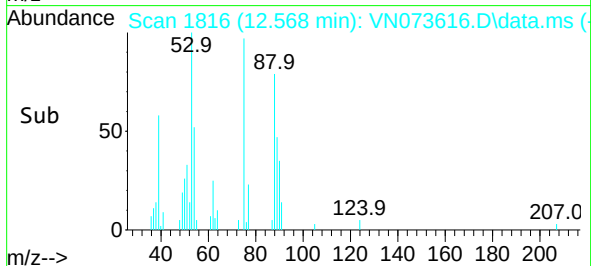
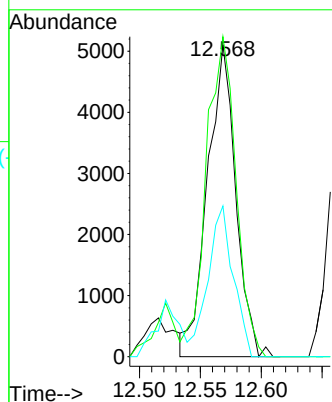
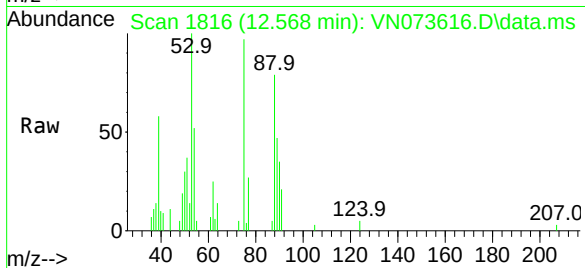




#81  
trans-1,4-Dichloro-2-butene  
Concen: 4.981 ug/l  
RT: 12.568 min Scan# 1816  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

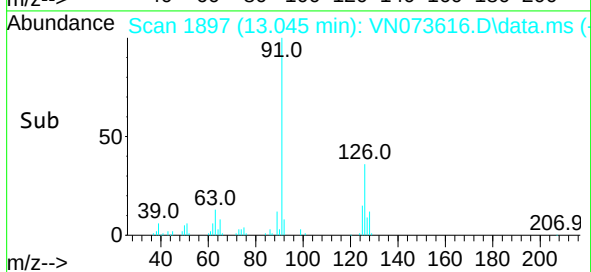
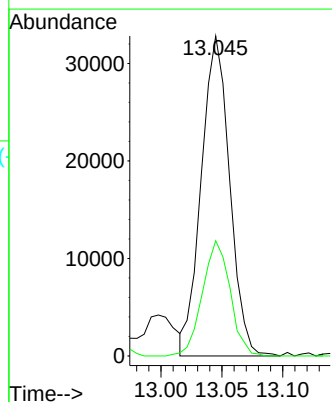
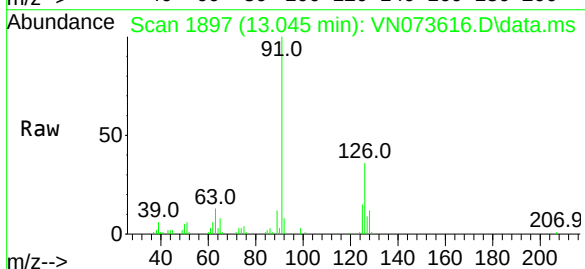
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

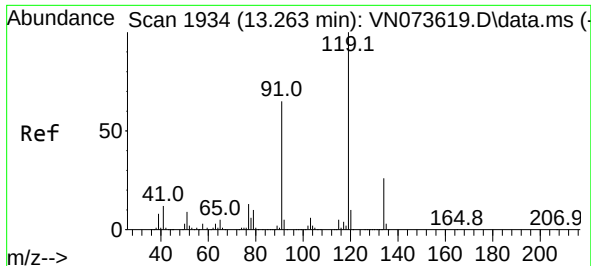
Tgt Ion: 75 Resp: 8221  
Ion Ratio Lower Upper  
75 100  
53 108.0 78.0 117.0  
89 43.3 37.2 55.8



#82  
4-Chlorotoluene  
Concen: 5.098 ug/l  
RT: 13.045 min Scan# 1897  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

Tgt Ion: 91 Resp: 53192  
Ion Ratio Lower Upper  
91 100  
126 35.2 17.2 51.6

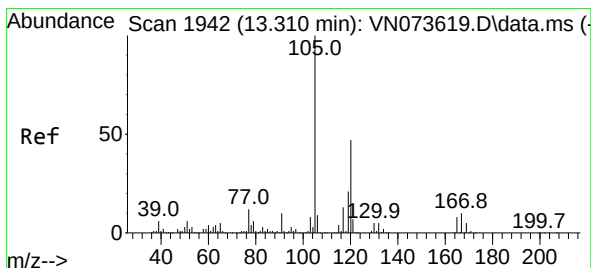
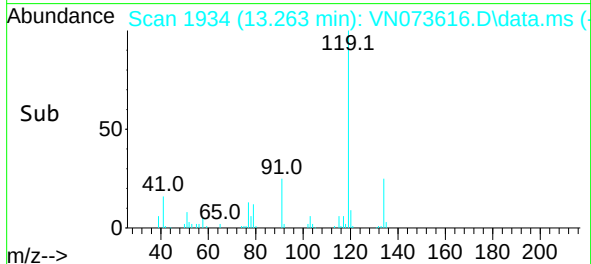
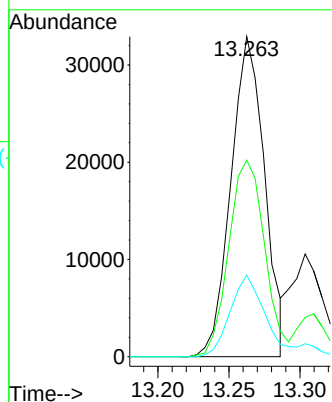
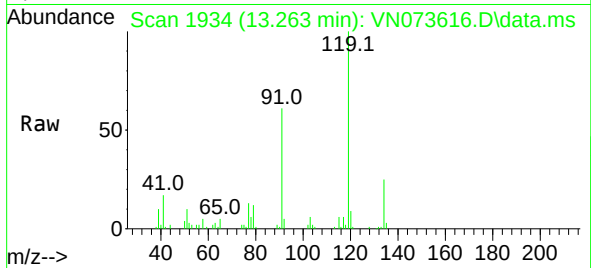




#83  
tert-Butylbenzene  
Concen: 4.807 ug/l  
RT: 13.263 min Scan# 1934  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

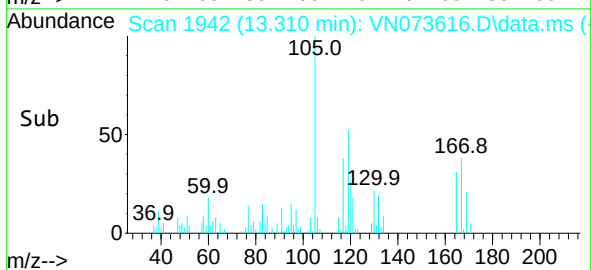
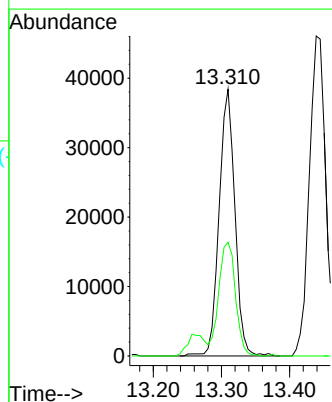
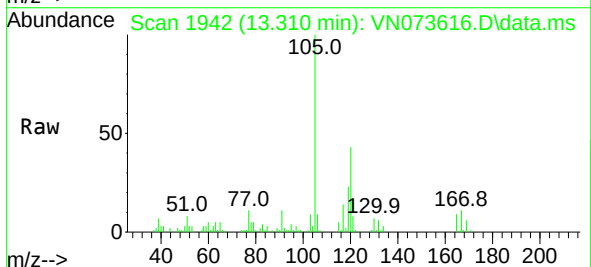
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

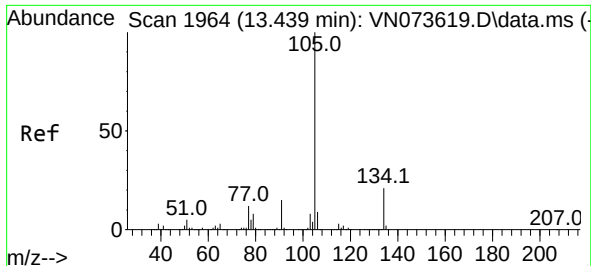
Tgt Ion:119 Resp: 54302  
Ion Ratio Lower Upper  
119 100  
91 65.6 31.6 94.8  
134 26.5 13.7 41.1



#84  
1,2,4-Trimethylbenzene  
Concen: 4.932 ug/l  
RT: 13.310 min Scan# 1942  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

Tgt Ion:105 Resp: 61916  
Ion Ratio Lower Upper  
105 100  
120 45.3 23.3 69.8

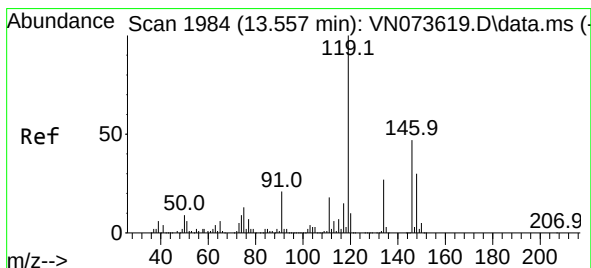
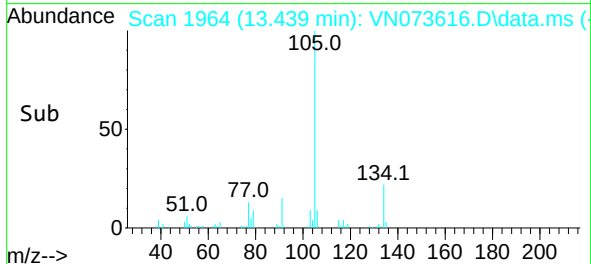
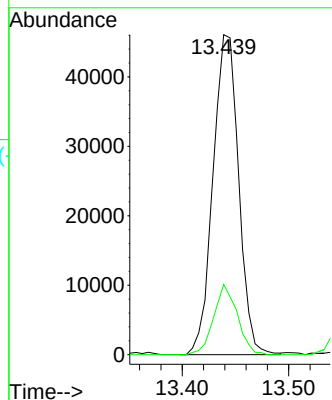
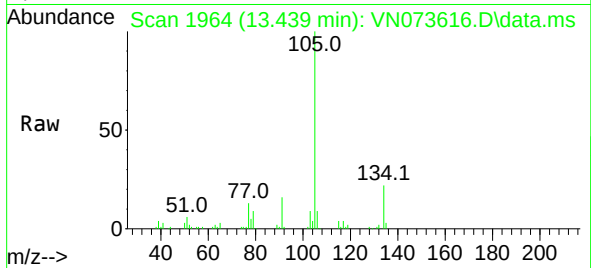




#85  
 sec-Butylbenzene  
 Concen: 4.948 ug/l  
 RT: 13.439 min Scan# 1964  
 Delta R.T. -0.000 min  
 Lab File: VN073616.D  
 Acq: 28 Jul 2022 10:55

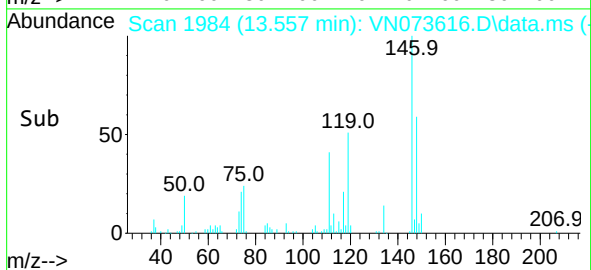
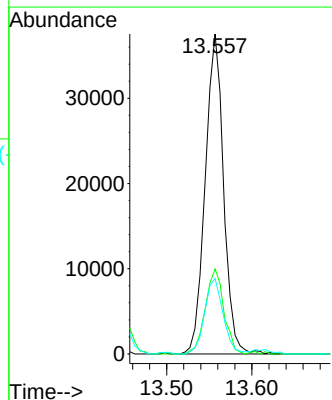
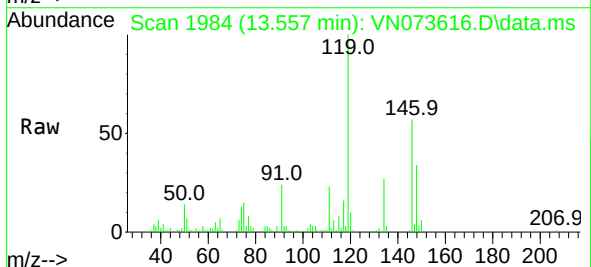
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

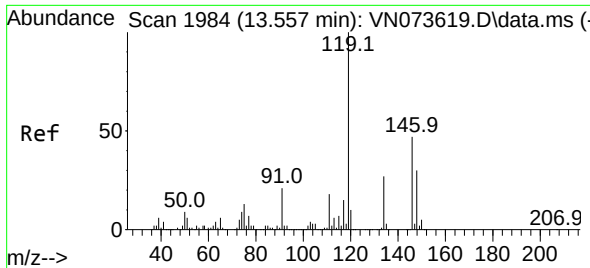
Tgt Ion:105 Resp: 77027  
 Ion Ratio Lower Upper  
 105 100  
 134 20.2 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 4.574 ug/l  
 RT: 13.557 min Scan# 1984  
 Delta R.T. -0.000 min  
 Lab File: VN073616.D  
 Acq: 28 Jul 2022 10:55

Tgt Ion:119 Resp: 56278  
 Ion Ratio Lower Upper  
 119 100  
 134 26.8 13.3 39.8  
 91 23.8 11.3 33.9

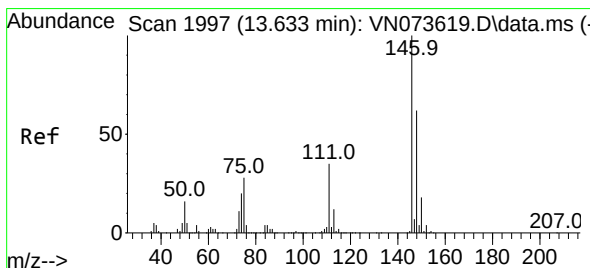
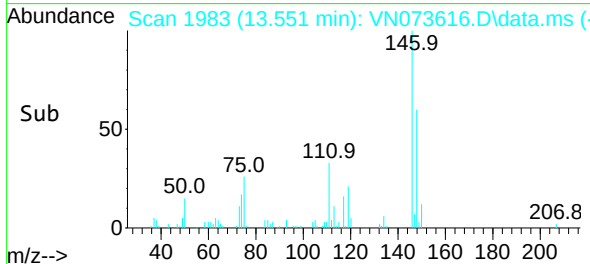
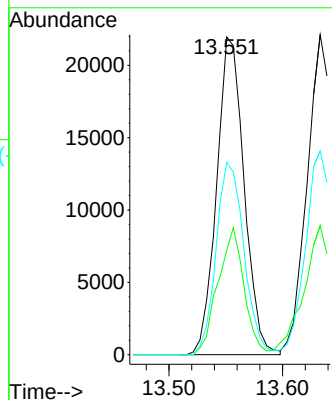
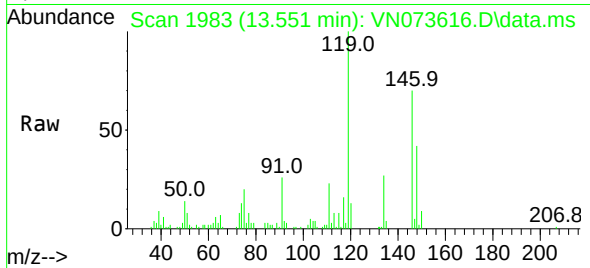




#87  
1,3-Dichlorobenzene  
Concen: 5.058 ug/l  
RT: 13.551 min Scan# 1983  
Delta R.T. -0.006 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

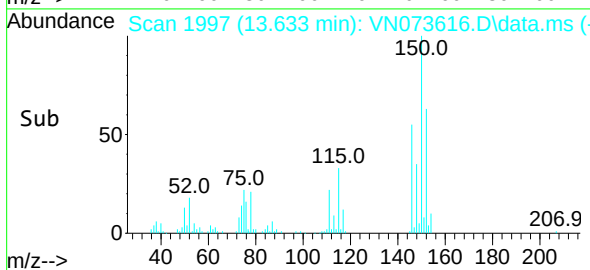
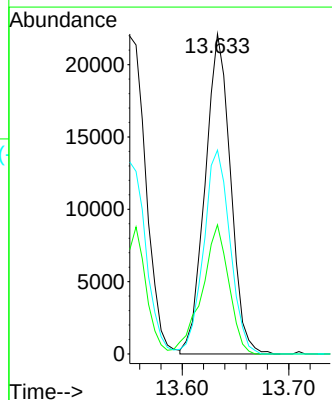
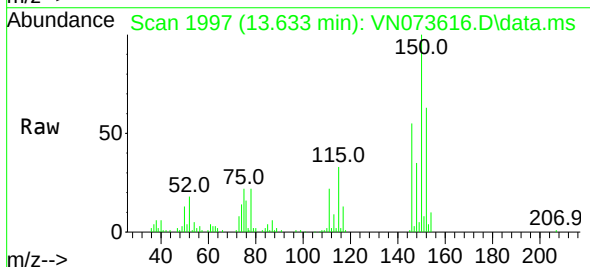
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion:146 Resp: 36953  
Ion Ratio Lower Upper  
146 100  
111 37.9 20.0 60.0  
148 61.4 32.0 96.0

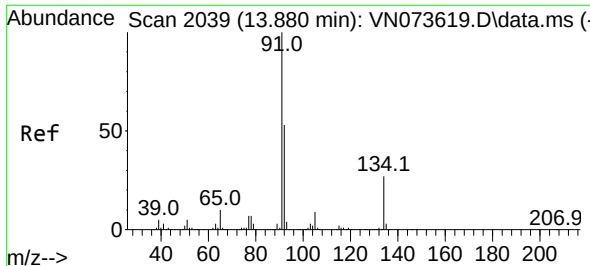


#88  
1,4-Dichlorobenzene  
Concen: 4.923 ug/l  
RT: 13.633 min Scan# 1997  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

Tgt Ion:146 Resp: 36692  
Ion Ratio Lower Upper  
146 100  
111 42.7 19.1 57.1  
148 66.4 31.4 94.3



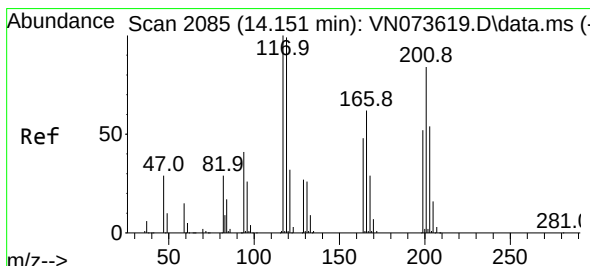
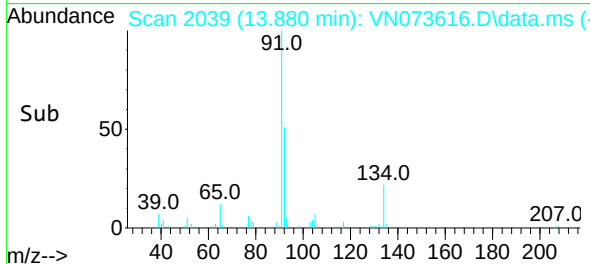
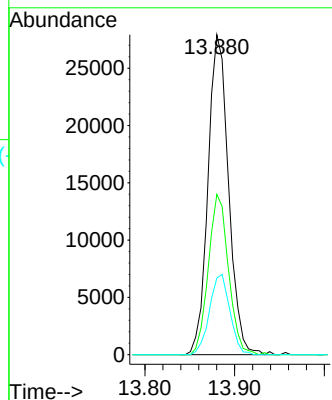
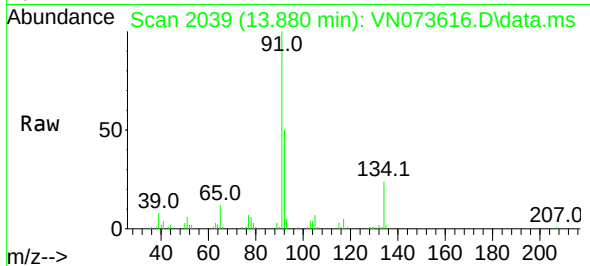




#89  
n-Butylbenzene  
Concen: 4.406 ug/l  
RT: 13.880 min Scan# 2039  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

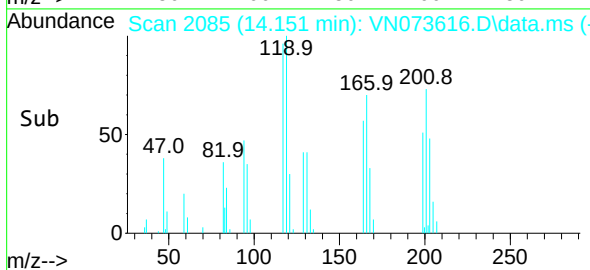
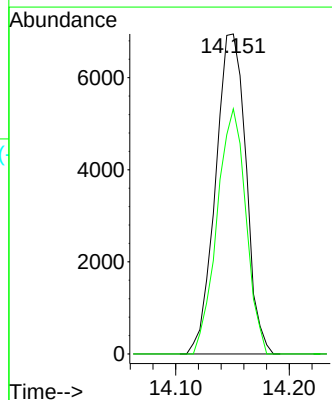
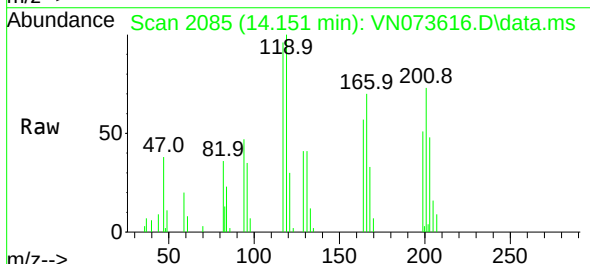
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

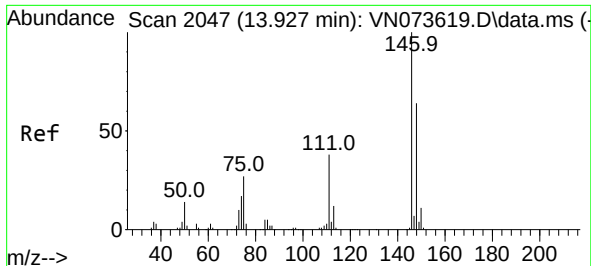
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 44460 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 49.2  | 26.9  | 80.7  |
| 134      | 24.8  | 13.6  | 40.8  |



#90  
Hexachloroethane  
Concen: 5.118 ug/l  
RT: 14.151 min Scan# 2085  
Delta R.T. -0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 12919 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 72.7  | 40.6  | 122.0 |





#91

1,2-Dichlorobenzene

Concen: 5.109 ug/l

RT: 13.927 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VN073616.D

Acq: 28 Jul 2022 10:55

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

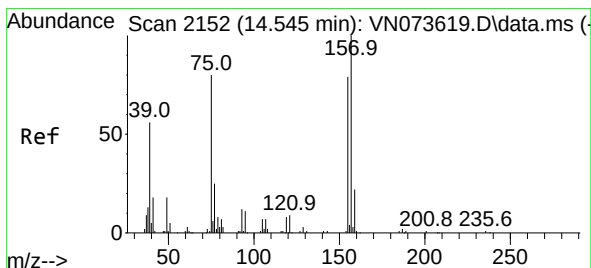
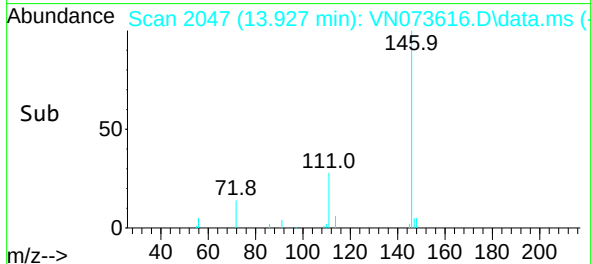
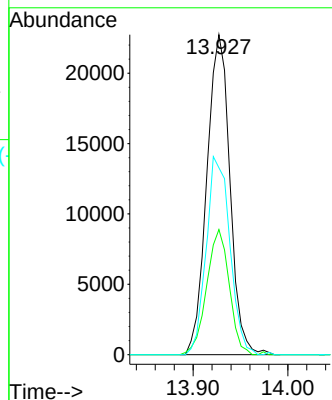
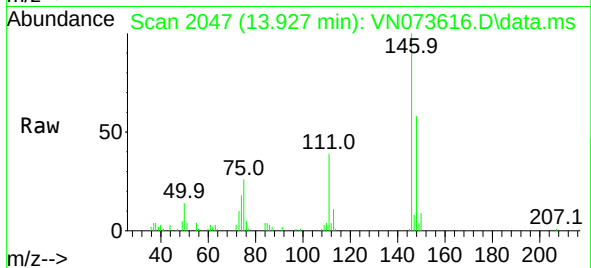
Tgt Ion:146 Resp: 38469

Ion Ratio Lower Upper

146 100

111 38.2 20.9 62.8

148 63.4 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.059 ug/l

RT: 14.539 min Scan# 2151

Delta R.T. -0.006 min

Lab File: VN073616.D

Acq: 28 Jul 2022 10:55

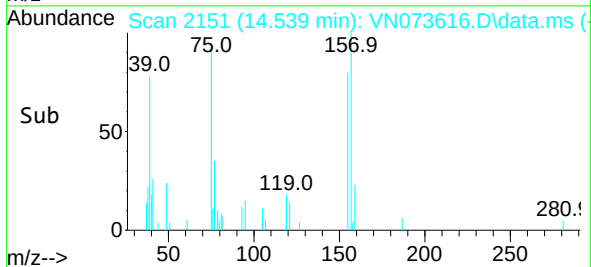
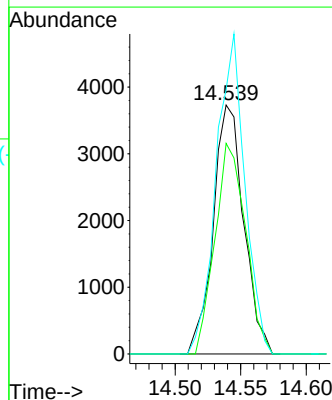
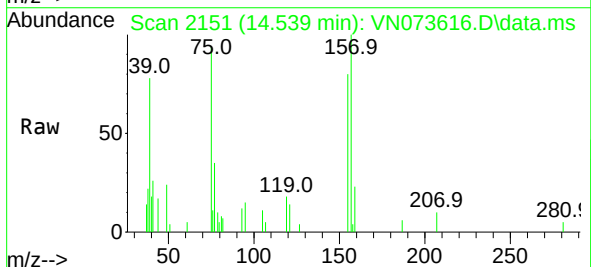
Tgt Ion: 75 Resp: 6039

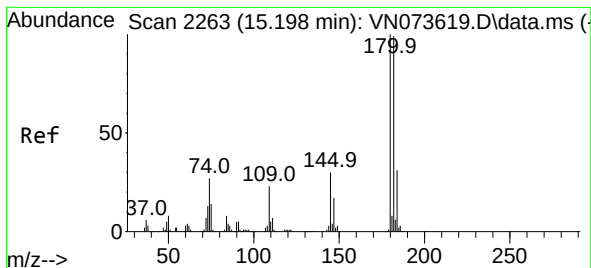
Ion Ratio Lower Upper

75 100

155 85.2 44.9 134.5

157 120.5 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 4.370 ug/l

RT: 15.192 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN073616.D

Acq: 28 Jul 2022 10:55

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

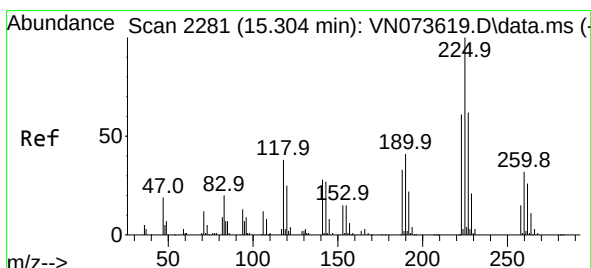
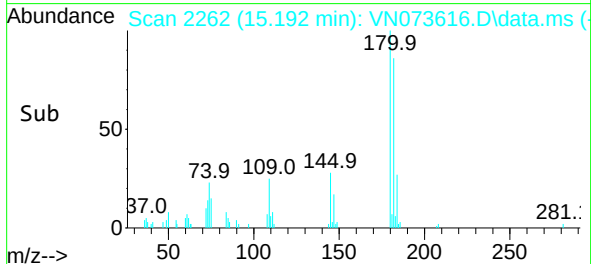
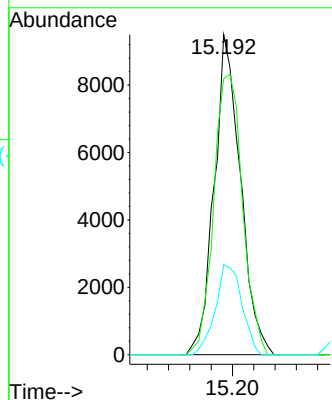
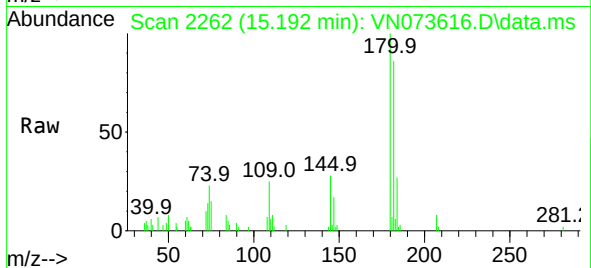
Tgt Ion:180 Resp: 16264

Ion Ratio Lower Upper

180 100

182 95.8 47.5 142.5

145 28.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 5.022 ug/l

RT: 15.298 min Scan# 2280

Delta R.T. -0.006 min

Lab File: VN073616.D

Acq: 28 Jul 2022 10:55

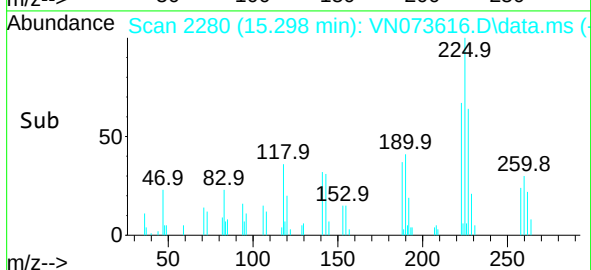
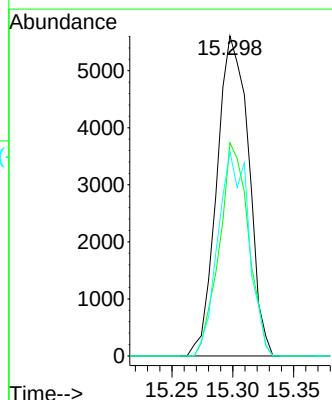
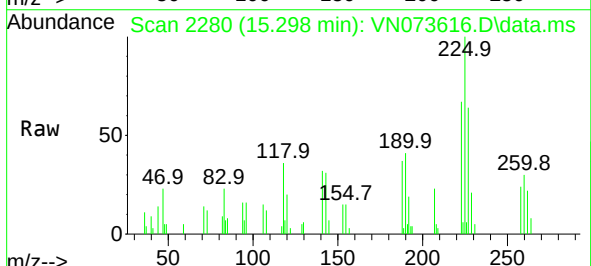
Tgt Ion:225 Resp: 10182

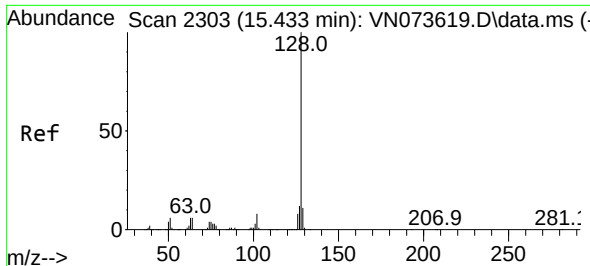
Ion Ratio Lower Upper

225 100

223 61.0 32.4 97.2

227 62.2 31.8 95.4

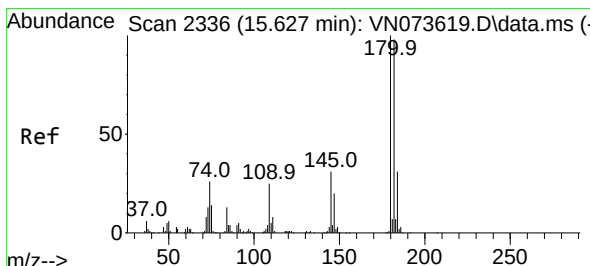
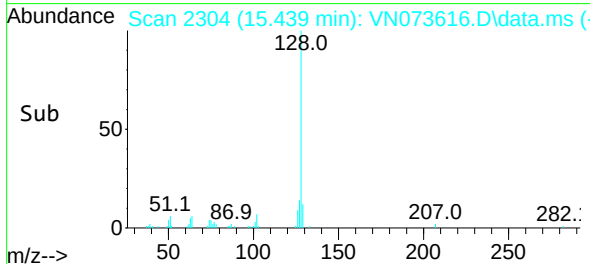
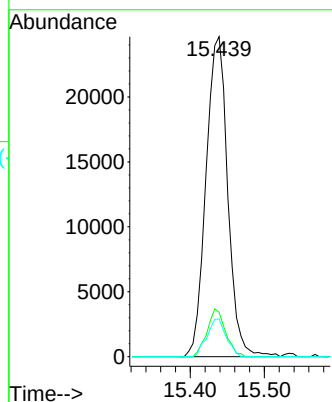
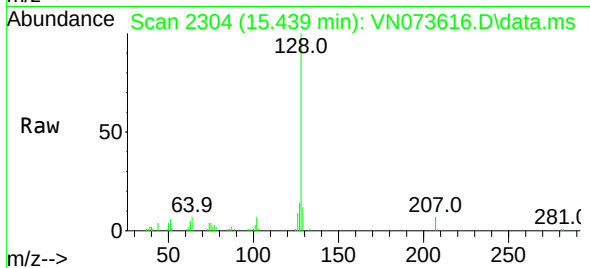




#95  
Naphthalene  
Concen: 4.149 ug/l  
RT: 15.439 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 50223 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 12.7  | 10.3  | 15.5  |
| 129       | 10.4  | 8.6   | 13.0  |



#96  
1,2,3-Trichlorobenzene  
Concen: 4.309 ug/l  
RT: 15.627 min Scan# 2336  
Delta R.T. 0.000 min  
Lab File: VN073616.D  
Acq: 28 Jul 2022 10:55

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 16782 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.4  | 47.8  | 143.3 |
| 145       | 30.3  | 15.5  | 46.5  |

