

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062722\  
 Data File : VN073167.D  
 Acq On : 27 Jun 2022 17:16  
 Operator : JC\MD  
 Sample : VN0627MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0627MBS01

Quant Time: Jun 28 06:38:15 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061722W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 18 06:22:45 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.016  | 168  | 285056   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.904  | 114  | 489784   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.680 | 117  | 440081   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.610 | 152  | 239769   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.369  | 65    | 194130   | 50.373   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 100.740% |      |
| 35) Dibromofluoromethane    | 7.951  | 113   | 149212   | 49.289   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 98.580%  |      |
| 50) Toluene-d8              | 10.381 | 98    | 554514   | 49.226   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 98.460%  |      |
| 62) 4-Bromofluorobenzene    | 12.669 | 95    | 212189   | 52.384   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 104.760% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.046 | 85  | 50043   | 18.438  | ug/l   | 97  |
| 3) Chloromethane             | 2.263 | 50  | 50229   | 17.590  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.405 | 62  | 45365   | 18.638  | ug/l   | 99  |
| 5) Bromomethane              | 2.805 | 94  | 20607   | 21.507  | ug/l   | 99  |
| 6) Chloroethane              | 2.963 | 64  | 28958   | 19.017  | ug/l   | 93  |
| 7) Trichlorofluoromethane    | 3.316 | 101 | 89517   | 22.584  | ug/l   | 96  |
| 8) Diethyl Ether             | 3.763 | 74  | 41674   | 20.372  | ug/l   | 85  |
| 9) 1,1,2-Trichlorotrifluo... | 4.140 | 101 | 54287   | 19.814  | ug/l   | 97  |
| 10) Methyl Iodide            | 4.357 | 142 | 49546   | 15.777  | ug/l   | 95  |
| 11) Tert butyl alcohol       | 5.293 | 59  | 102879  | 103.343 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 4.116 | 96  | 49329   | 18.075  | ug/l   | 99  |
| 13) Acrolein                 | 3.987 | 56  | 17237   | 43.964  | ug/l   | 95  |
| 14) Allyl chloride           | 4.763 | 41  | 113919  | 19.537  | ug/l # | 91  |
| 15) Acrylonitrile            | 5.481 | 53  | 234432  | 102.155 | ug/l   | 99  |
| 16) Acetone                  | 4.228 | 43  | 213637  | 100.846 | ug/l   | 94  |
| 17) Carbon Disulfide         | 4.457 | 76  | 93034   | 13.305  | ug/l   | 100 |
| 18) Methyl Acetate           | 4.781 | 43  | 118169  | 20.947  | ug/l   | 90  |
| 19) Methyl tert-butyl Ether  | 5.540 | 73  | 221606  | 21.621  | ug/l   | 98  |
| 20) Methylene Chloride       | 5.016 | 84  | 64087   | 19.355  | ug/l   | 94  |
| 21) trans-1,2-Dichloroethene | 5.516 | 96  | 54026   | 18.199  | ug/l   | 95  |
| 22) Diisopropyl ether        | 6.416 | 45  | 242114  | 22.273  | ug/l   | 96  |
| 23) Vinyl Acetate            | 6.351 | 43  | 1057221 | 105.360 | ug/l   | 94  |
| 24) 1,1-Dichloroethane       | 6.304 | 63  | 118672  | 20.824  | ug/l   | 100 |
| 25) 2-Butanone               | 7.257 | 43  | 354411  | 105.427 | ug/l # | 88  |
| 26) 2,2-Dichloropropane      | 7.251 | 77  | 99869   | 20.773  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 7.245 | 96  | 70937   | 20.000  | ug/l   | 97  |
| 28) Bromochloromethane       | 7.587 | 49  | 44511   | 18.885  | ug/l   | 85  |
| 29) Tetrahydrofuran          | 7.610 | 42  | 232816  | 104.877 | ug/l   | 89  |
| 30) Chloroform               | 7.745 | 83  | 121305  | 21.026  | ug/l   | 97  |
| 31) Cyclohexane              | 8.022 | 56  | 94539   | 18.135  | ug/l   | 98  |
| 32) 1,1,1-Trichloroethane    | 7.939 | 97  | 106899  | 21.115  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.151 | 75  | 79301   | 19.359  | ug/l   | 97  |
| 37) Ethyl Acetate            | 7.340 | 43  | 136683  | 20.861  | ug/l   | 95  |
| 38) Carbon Tetrachloride     | 8.134 | 117 | 88350   | 20.505  | ug/l   | 96  |
| 39) Methylcyclohexane        | 9.392 | 83  | 95863   | 19.415  | ug/l   | 91  |
| 40) Benzene                  | 8.386 | 78  | 255679  | 19.861  | ug/l   | 99  |

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 Sample : VN0627MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0627MBS01

Quant Time: Jun 28 06:38:15 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061722W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 18 06:22:45 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.563  | 41   | 66681    | 21.461  | ug/l # | 89       |
| 42) 1,2-Dichloroethane        | 8.463  | 62   | 100072   | 21.886  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.498  | 43   | 203864   | 21.767  | ug/l   | 94       |
| 44) Trichloroethene           | 9.151  | 130  | 64985    | 19.919  | ug/l   | 89       |
| 45) 1,2-Dichloropropane       | 9.428  | 63   | 69418    | 21.095  | ug/l   | 96       |
| 46) Dibromomethane            | 9.516  | 93   | 46728    | 21.001  | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.698  | 83   | 94987    | 21.481  | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.498  | 41   | 91509    | 21.400  | ug/l   | 90       |
| 49) 1,4-Dioxane               | 9.504  | 88   | 37856    | 393.451 | ug/l # | 92       |
| 51) 4-Methyl-2-Pentanone      | 10.269 | 43   | 678481   | 111.089 | ug/l   | 92       |
| 52) Toluene                   | 10.445 | 92   | 163169   | 20.645  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.657 | 75   | 101631   | 21.371  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.128 | 75   | 109282   | 21.038  | ug/l # | 89       |
| 55) 1,1,2-Trichloroethane     | 10.833 | 97   | 71474    | 20.595  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.698 | 69   | 124262   | 22.339  | ug/l # | 88       |
| 57) 1,3-Dichloropropane       | 10.980 | 76   | 125109   | 21.730  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.981  | 63   | 265067   | 107.936 | ug/l   | 96       |
| 59) 2-Hexanone                | 11.022 | 43   | 522558   | 110.622 | ug/l   | 90       |
| 60) Dibromochloromethane      | 11.180 | 129  | 73224    | 22.326  | ug/l   | 95       |
| 61) 1,2-Dibromoethane         | 11.286 | 107  | 74501    | 21.776  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.910 | 164  | 61609    | 23.012  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.710 | 112  | 175217   | 20.387  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.780 | 131  | 71208    | 21.768  | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.780 | 91   | 325922   | 21.542  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.892 | 106  | 242298   | 40.832  | ug/l   | 94       |
| 69) o-Xylene                  | 12.216 | 106  | 126671   | 21.363  | ug/l   | 97       |
| 70) Styrene                   | 12.233 | 104  | 203177   | 21.337  | ug/l   | 98       |
| 71) Bromoform                 | 12.398 | 173  | 75661    | 30.676  | ug/l # | 77       |
| 73) Isopropylbenzene          | 12.516 | 105  | 325078   | 17.525  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.327 | 43   | 175482   | 18.230  | ug/l   | 90       |
| 75) 1,1,2,2-Tetrachloroethane | 12.769 | 83   | 109050   | 16.324  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.822 | 75   | 149828   | 25.774  | ug/l # | 1        |
| 77) Bromobenzene              | 12.798 | 156  | 89063    | 20.042  | ug/l   | 87       |
| 78) n-propylbenzene           | 12.857 | 91   | 377560   | 18.505  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.945 | 91   | 228555   | 17.299  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.998 | 105  | 299919   | 19.684  | ug/l   | 92       |
| 81) trans-1,4-Dichloro-2-b... | 12.569 | 75   | 34310    | 15.939  | ug/l   | 89       |
| 82) 4-Chlorotoluene           | 13.039 | 91   | 222439   | 17.795  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.263 | 119  | 248328   | 17.796  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 13.304 | 105  | 291082   | 19.181  | ug/l   | 93       |
| 85) sec-Butylbenzene          | 13.439 | 105  | 339622   | 18.245  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.551 | 119  | 284261   | 18.861  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.551 | 146  | 135359   | 17.062  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.633 | 146  | 137656   | 17.143  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.880 | 91   | 236690   | 19.233  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.145 | 117  | 46651    | 16.419  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 13.921 | 146  | 141540   | 17.107  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.539 | 75   | 29640    | 17.541  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.192 | 180  | 80652    | 17.614  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 15.298 | 225  | 35726    | 17.930  | ug/l   | 97       |
| 95) Naphthalene               | 15.433 | 128  | 377908   | 20.402  | ug/l # | 96       |
| 96) 1,2,3-Trichlorobenzene    | 15.621 | 180  | 85407    | 17.468  | ug/l   | 94       |

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Sample : VN0627MBS01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 20 Sample Multiplier: 1

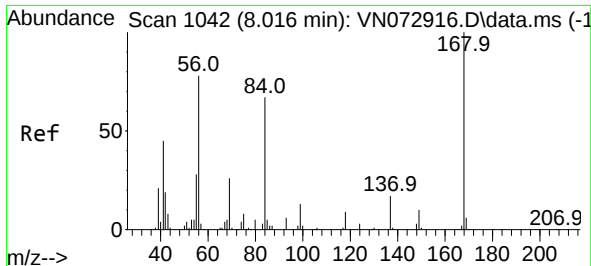
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0627MBS01

Quant Time: Jun 28 06:38:15 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061722W.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 18 06:22:45 2022  
Response via : Initial Calibration

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

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

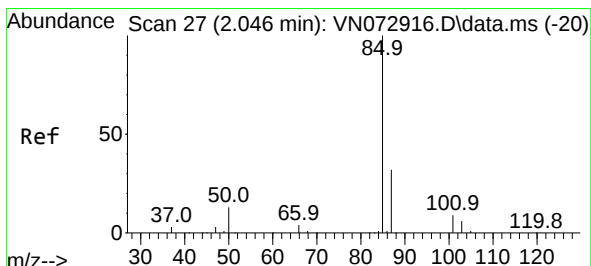
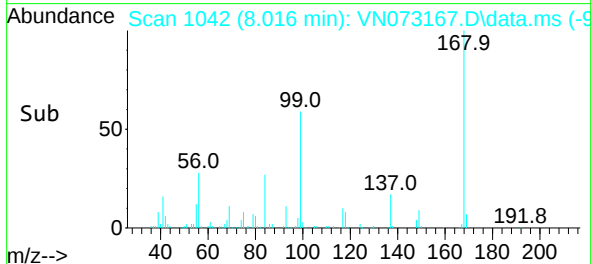
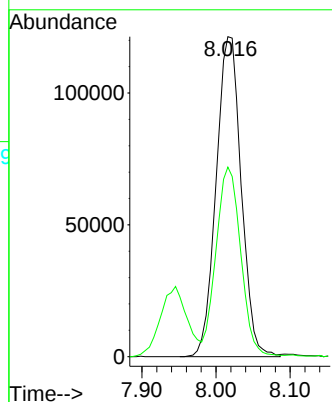
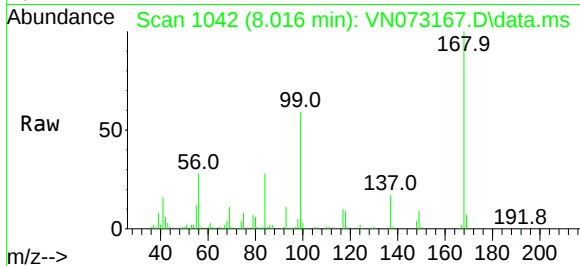




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

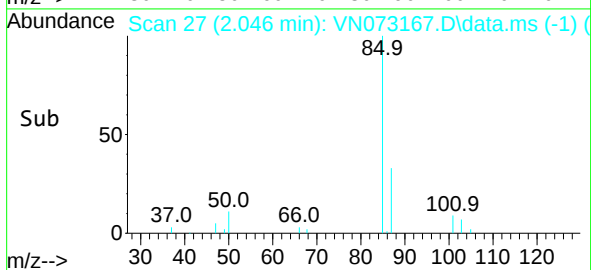
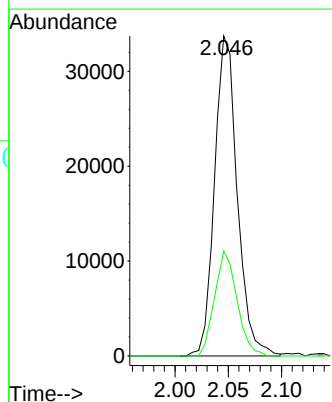
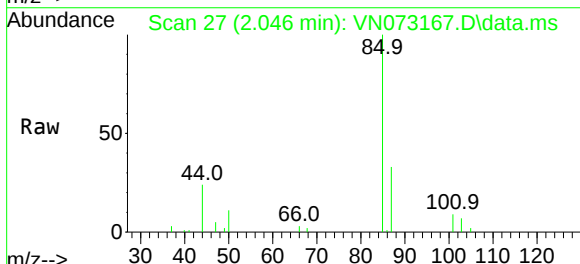
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ClientSampleId :  
VN0627MBS01

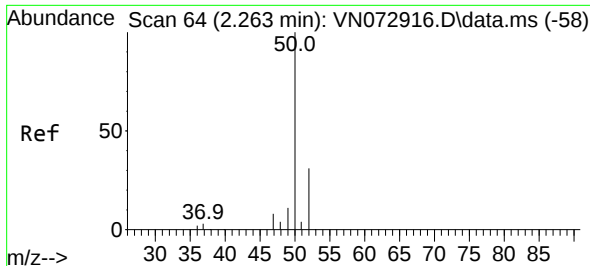
Tgt Ion:168 Resp: 285056  
Ion Ratio Lower Upper  
168 100  
99 58.8 42.3 63.5



#2  
Dichlorodifluoromethane  
Concen: 18.438 ug/l  
RT: 2.046 min Scan# 27  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

Tgt Ion: 85 Resp: 50043  
Ion Ratio Lower Upper  
85 100  
87 32.8 15.7 47.1

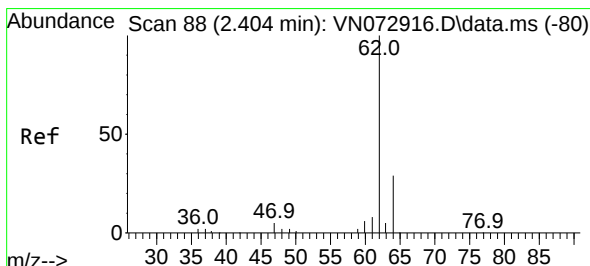
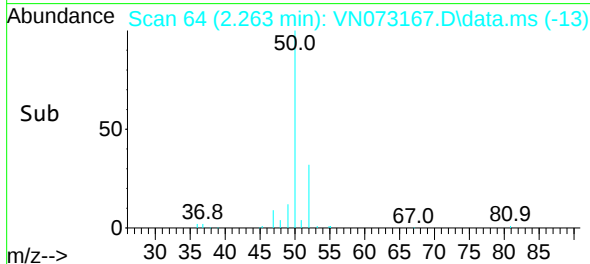
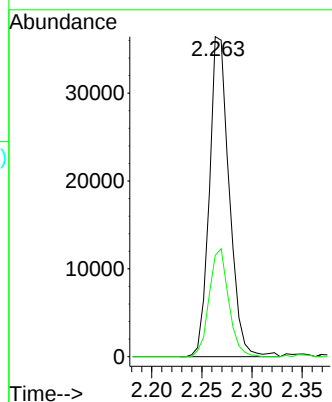
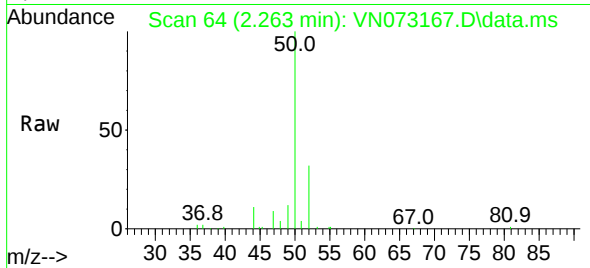




#3  
Chloromethane  
Concen: 17.590 ug/l  
RT: 2.263 min Scan# 64  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

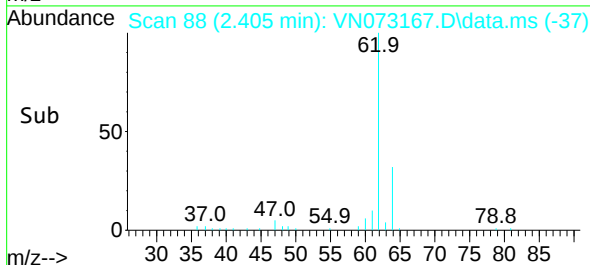
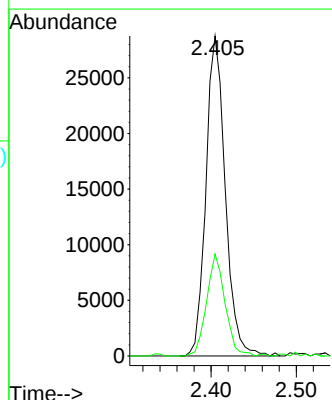
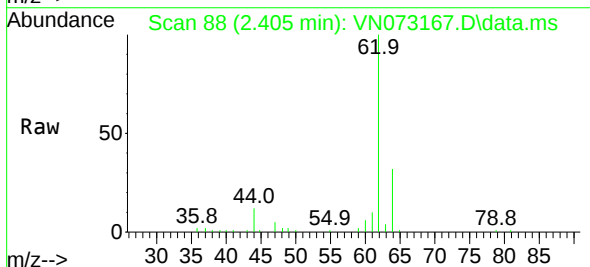
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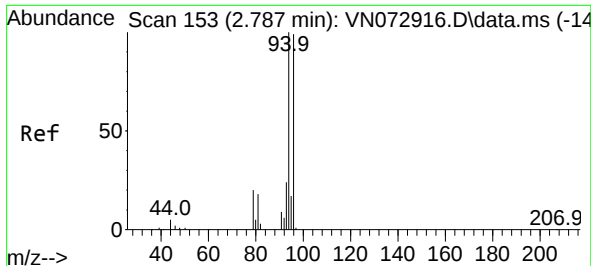
Tgt Ion: 50 Resp: 50229  
Ion Ratio Lower Upper  
50 100  
52 31.7 25.7 38.5



#4  
Vinyl Chloride  
Concen: 18.638 ug/l  
RT: 2.405 min Scan# 88  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

Tgt Ion: 62 Resp: 45365  
Ion Ratio Lower Upper  
62 100  
64 31.9 25.0 37.4

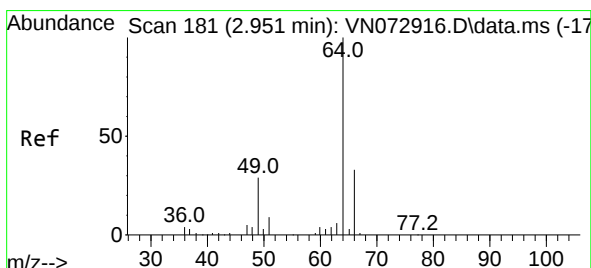
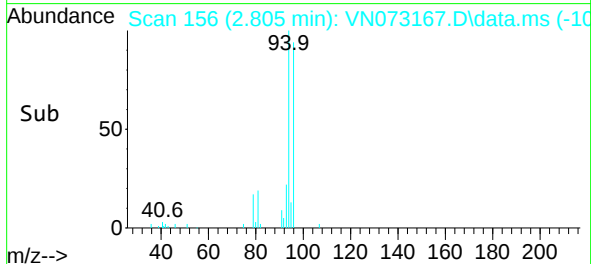
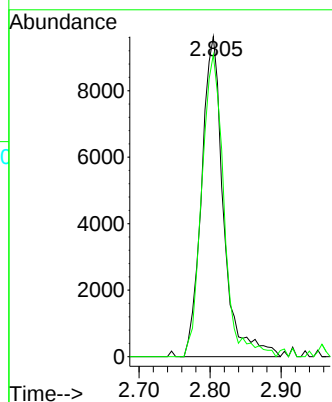
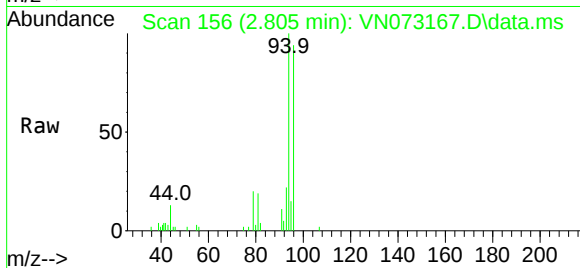




#5  
Bromomethane  
Concen: 21.507 ug/l  
RT: 2.805 min Scan# 11  
Delta R.T. 0.018 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

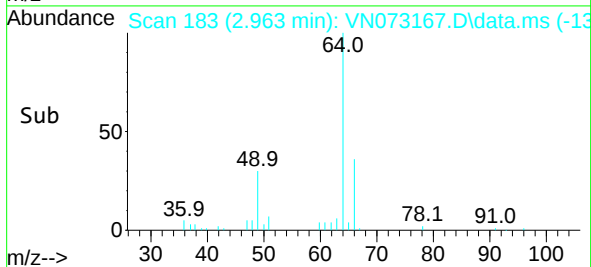
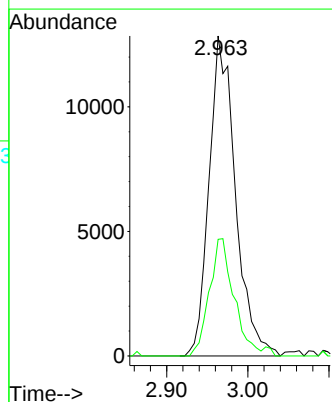
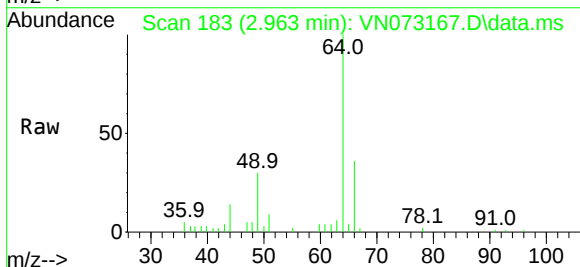
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0627MBS01

Tgt Ion: 94 Resp: 20607  
Ion Ratio Lower Upper  
94 100  
96 94.4 76.0 114.0



#6  
Chloroethane  
Concen: 19.017 ug/l  
RT: 2.963 min Scan# 183  
Delta R.T. 0.012 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

Tgt Ion: 64 Resp: 28958  
Ion Ratio Lower Upper  
64 100  
66 36.5 26.2 39.4

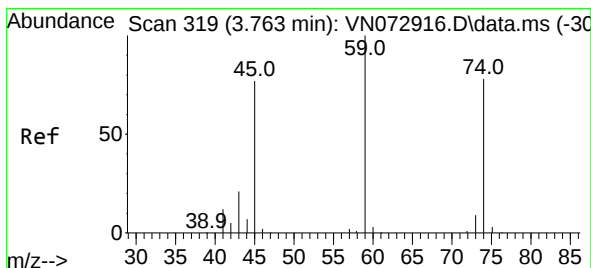
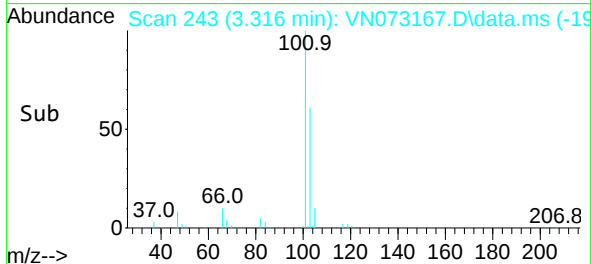
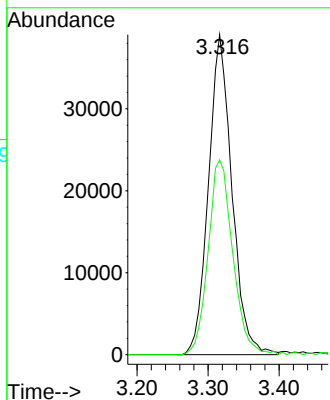
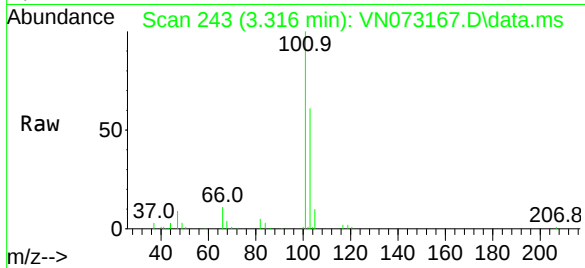




#7  
 Trichlorofluoromethane  
 Concen: 22.584 ug/l  
 RT: 3.316 min Scan# 241  
 Delta R.T. 0.012 min  
 Lab File: VN073167.D  
 Acq: 27 Jun 2022 17:16

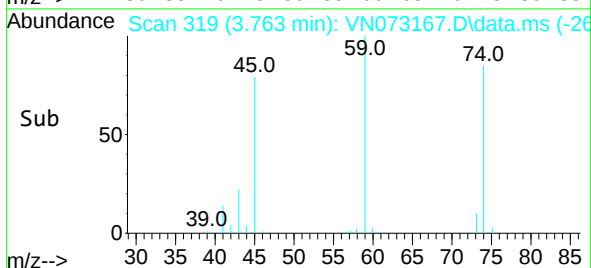
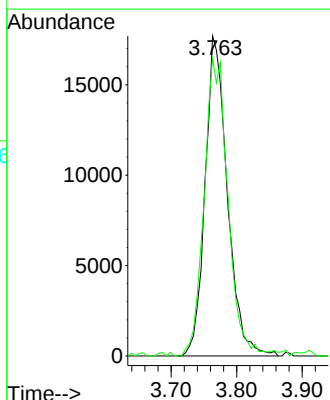
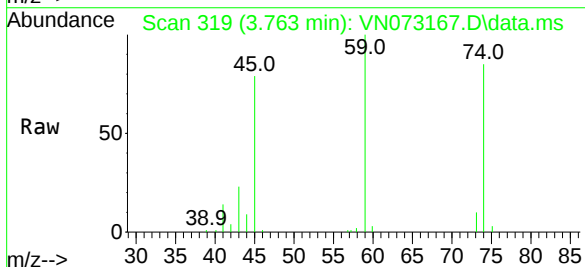
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0627MBS01

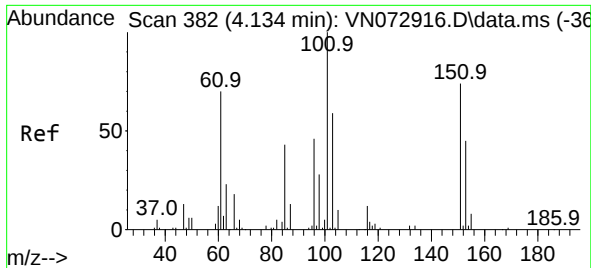
Tgt Ion:101 Resp: 89517  
 Ion Ratio Lower Upper  
 101 100  
 103 60.9 51.5 77.3



#8  
 Diethyl Ether  
 Concen: 20.372 ug/l  
 RT: 3.763 min Scan# 319  
 Delta R.T. 0.000 min  
 Lab File: VN073167.D  
 Acq: 27 Jun 2022 17:16

Tgt Ion: 74 Resp: 41674  
 Ion Ratio Lower Upper  
 74 100  
 45 99.5 42.9 128.5

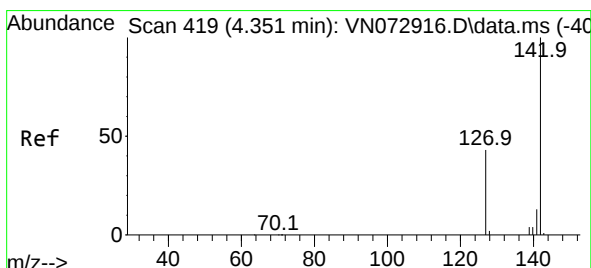
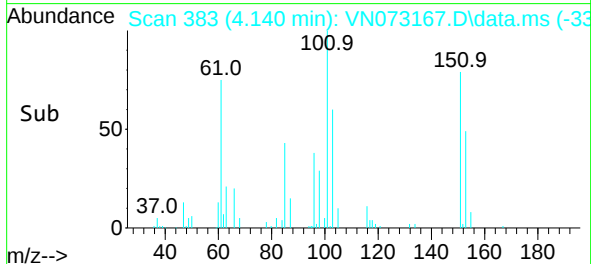
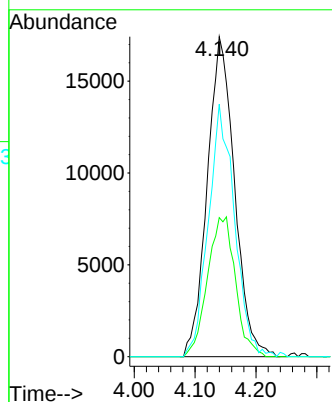
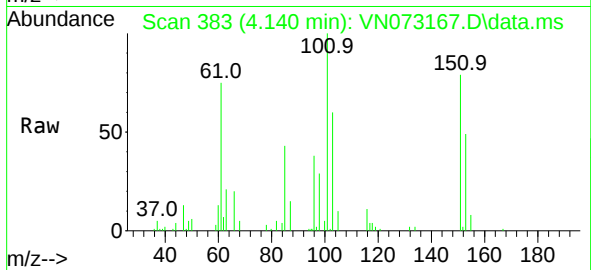




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.814 ug/l  
RT: 4.140 min Scan# 382  
Delta R.T. 0.006 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

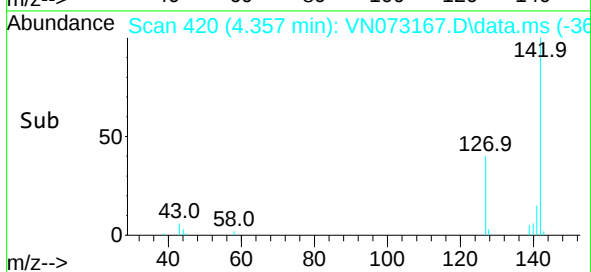
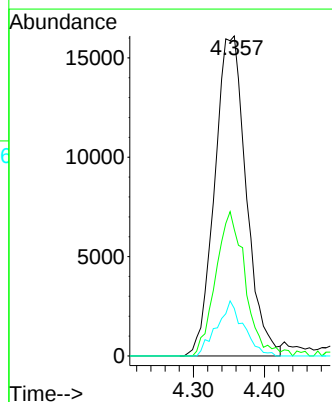
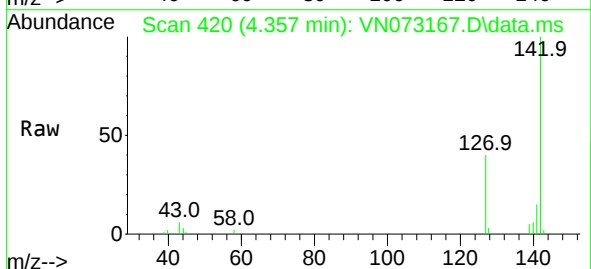
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0627MBS01

Tgt Ion:101 Resp: 54287  
Ion Ratio Lower Upper  
101 100  
85 44.6 34.7 52.1  
151 75.7 63.0 94.4



#10  
Methyl Iodide  
Concen: 15.777 ug/l  
RT: 4.357 min Scan# 420  
Delta R.T. 0.006 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

Tgt Ion:142 Resp: 49546  
Ion Ratio Lower Upper  
142 100  
127 42.6 31.3 46.9  
141 14.7 11.2 16.8





#11

Tert butyl alcohol

Concen: 103.343 ug/l

RT: 5.293 min Scan# 51

Delta R.T. -0.012 min

Lab File: VN073167.D

Acq: 27 Jun 2022 17:16

Instrument :

MSVOA\_N

ClientSampleId :

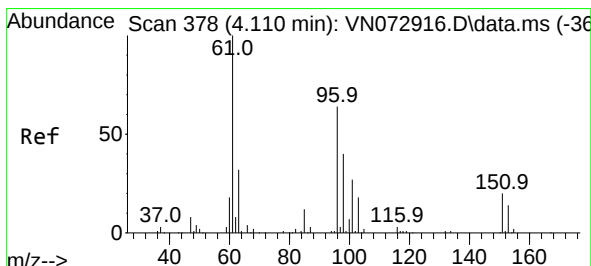
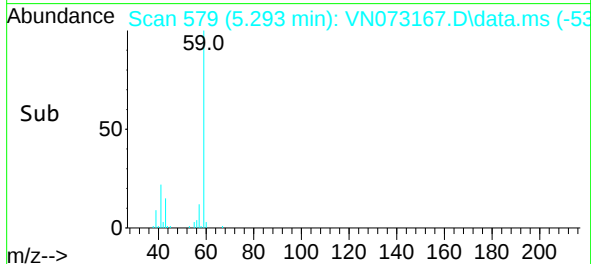
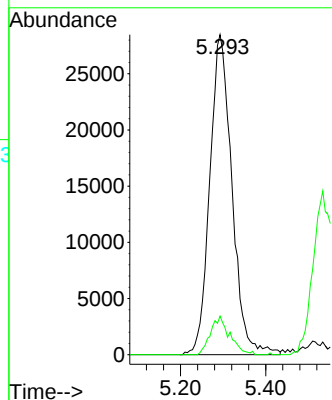
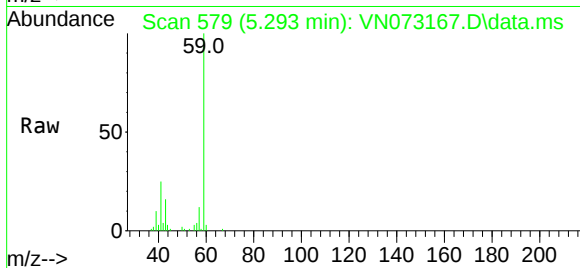
VN0627MBS01

Tgt Ion: 59 Resp: 102879

Ion Ratio Lower Upper

59 100

57 10.5 8.3 12.5



#12

1,1-Dichloroethene

Concen: 18.075 ug/l

RT: 4.116 min Scan# 379

Delta R.T. 0.006 min

Lab File: VN073167.D

Acq: 27 Jun 2022 17:16

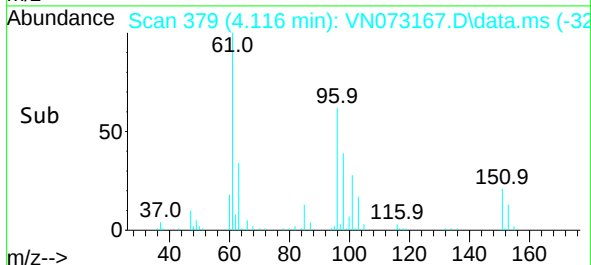
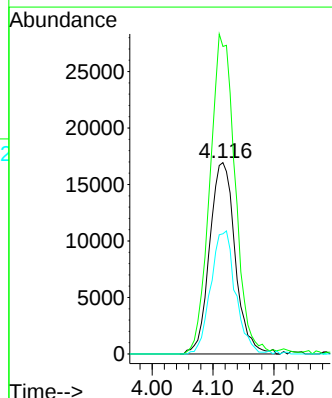
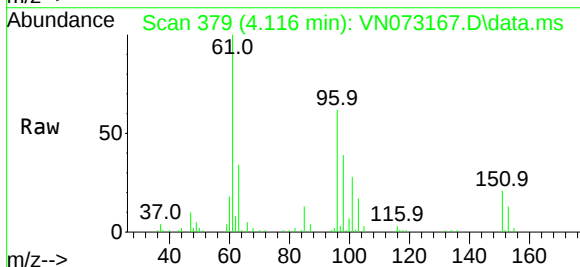
Tgt Ion: 96 Resp: 49329

Ion Ratio Lower Upper

96 100

61 160.7 127.6 191.4

98 62.7 51.2 76.8

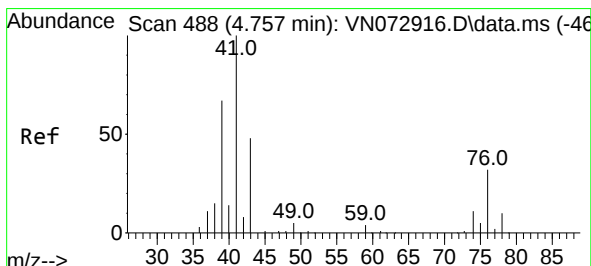
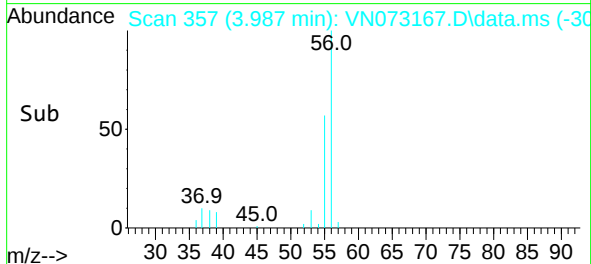
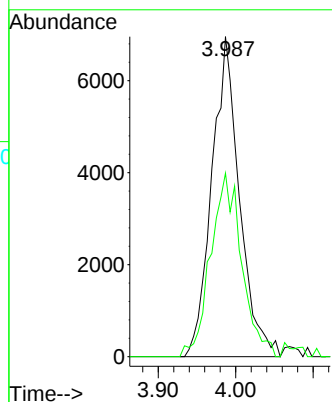
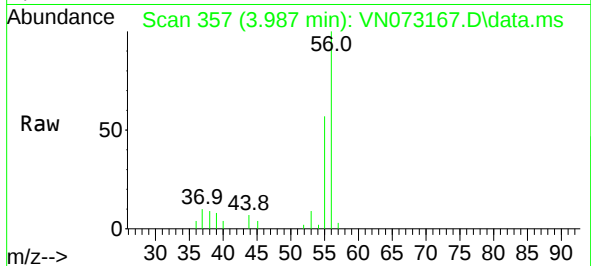




#13  
Acrolein  
Concen: 43.964 ug/l  
RT: 3.987 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

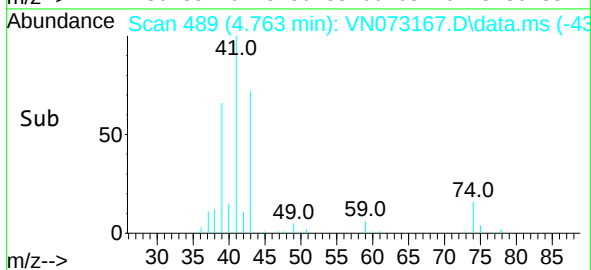
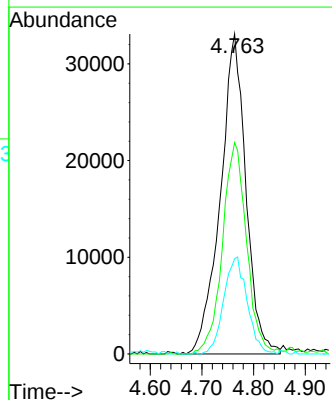
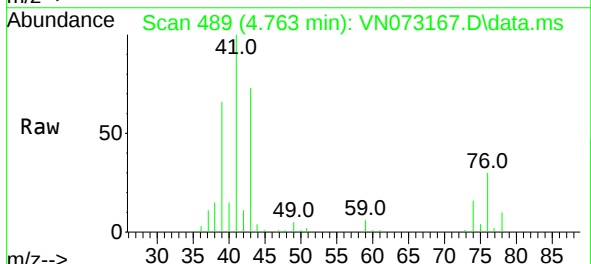
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0627MBS01

Tgt Ion: 56 Resp: 17237  
Ion Ratio Lower Upper  
56 100  
55 64.4 54.8 82.2



#14  
Allyl chloride  
Concen: 19.537 ug/l  
RT: 4.763 min Scan# 489  
Delta R.T. 0.006 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

Tgt Ion: 41 Resp: 113919  
Ion Ratio Lower Upper  
41 100  
39 62.4 53.2 79.8  
76 27.6 29.9 44.9#

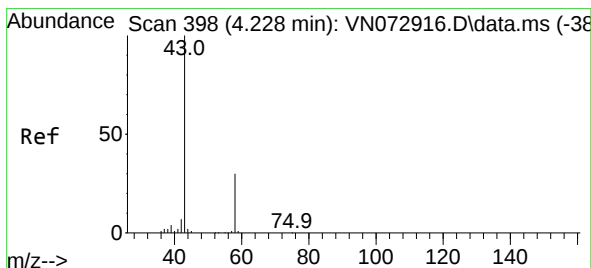
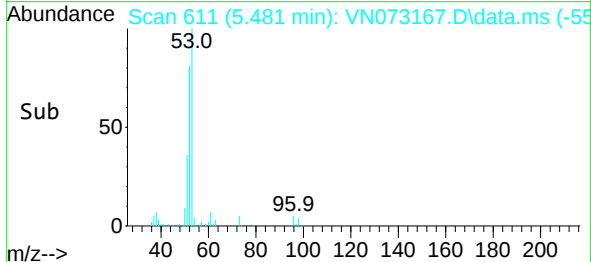
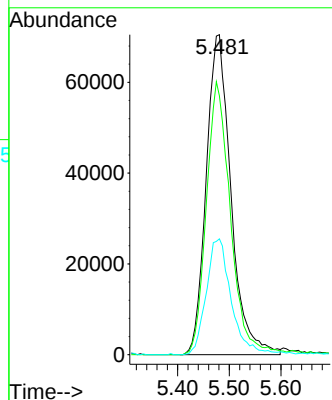
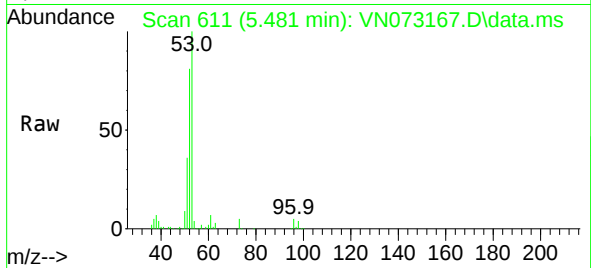




#15  
Acrylonitrile  
Concen: 102.155 ug/l  
RT: 5.481 min Scan# 611  
Delta R.T. 0.006 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

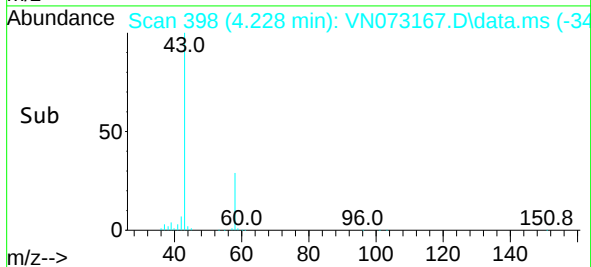
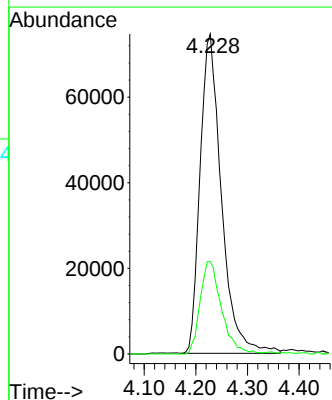
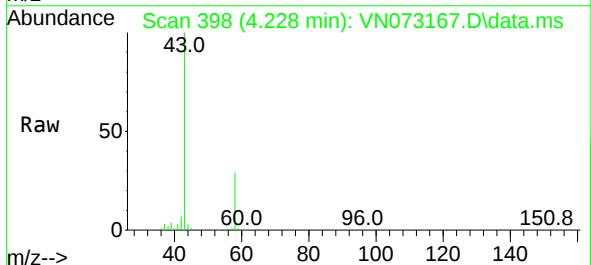
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0627MBS01

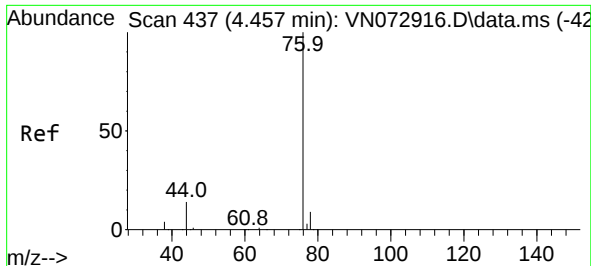
Tgt Ion: 53 Resp: 234432  
Ion Ratio Lower Upper  
53 100  
52 83.1 66.4 99.6  
51 36.9 28.5 42.7



#16  
Acetone  
Concen: 100.846 ug/l  
RT: 4.228 min Scan# 398  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

Tgt Ion: 43 Resp: 213637  
Ion Ratio Lower Upper  
43 100  
58 28.9 26.0 39.0

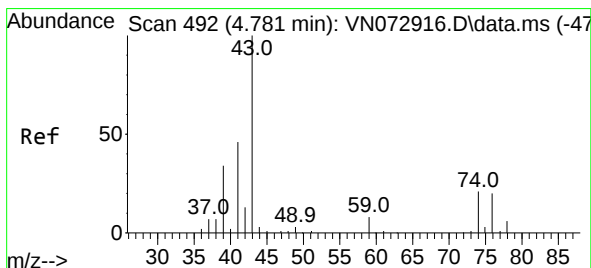
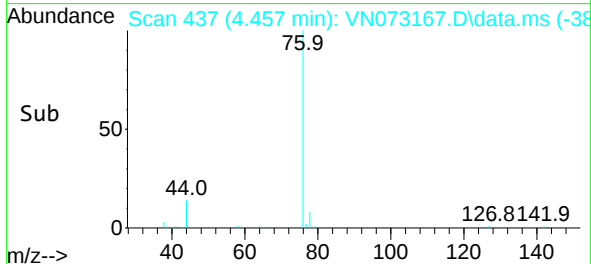
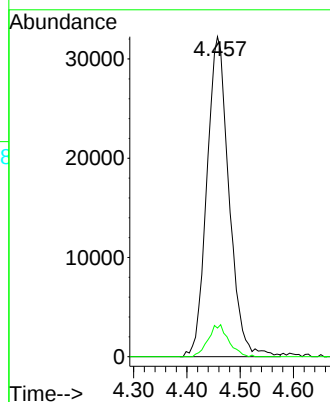
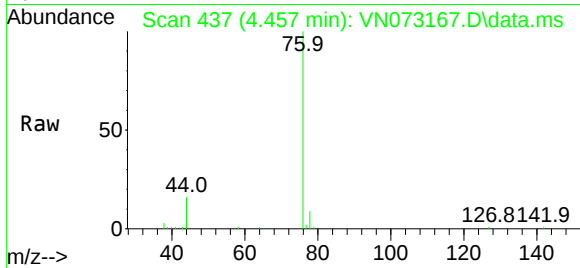




#17  
Carbon Disulfide  
Concen: 13.305 ug/l  
RT: 4.457 min Scan# 411  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

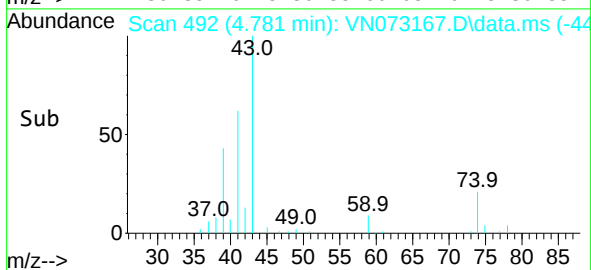
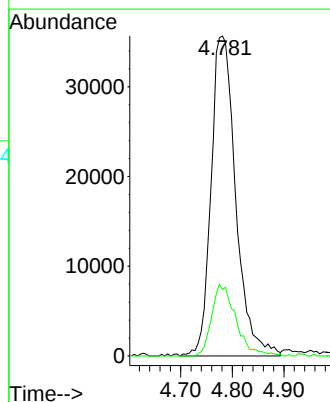
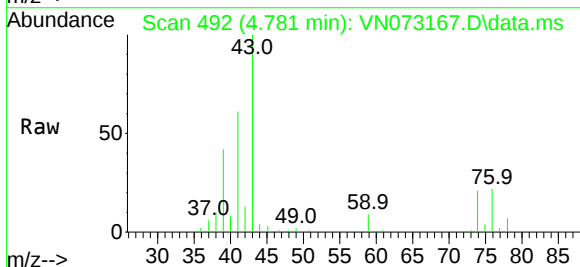
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0627MBS01

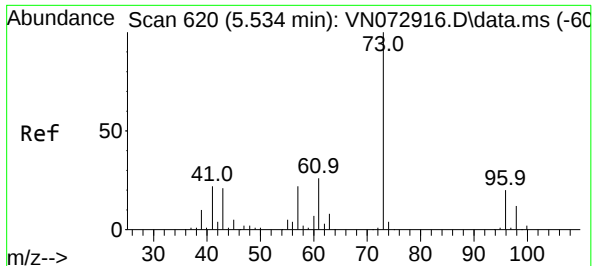
Tgt Ion: 76 Resp: 93034  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.2 10.8



#18  
Methyl Acetate  
Concen: 20.947 ug/l  
RT: 4.781 min Scan# 492  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

Tgt Ion: 43 Resp: 118169  
Ion Ratio Lower Upper  
43 100  
74 22.0 21.6 32.4





#19

Methyl tert-butyl Ether

Concen: 21.621 ug/l

RT: 5.540 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN073167.D

Acq: 27 Jun 2022 17:16

Instrument :

MSVOA\_N

ClientSampleId :

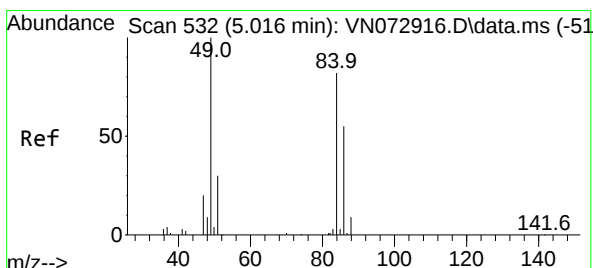
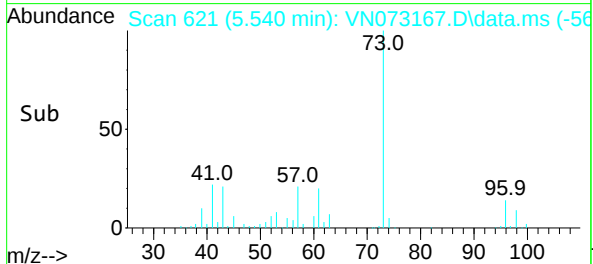
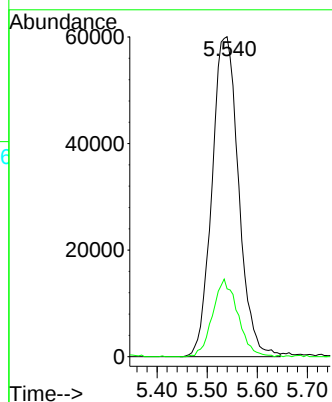
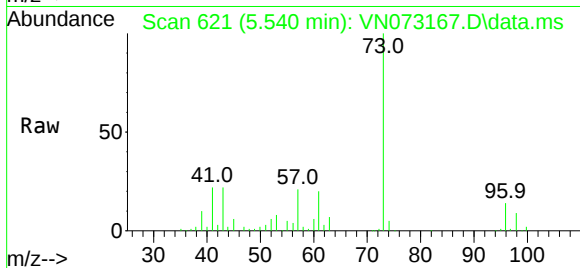
VN0627MBS01

Tgt Ion: 73 Resp: 221606

Ion Ratio Lower Upper

73 100

57 21.2 17.6 26.4



#20

Methylene Chloride

Concen: 19.355 ug/l

RT: 5.016 min Scan# 532

Delta R.T. 0.000 min

Lab File: VN073167.D

Acq: 27 Jun 2022 17:16

Tgt Ion: 84 Resp: 64087

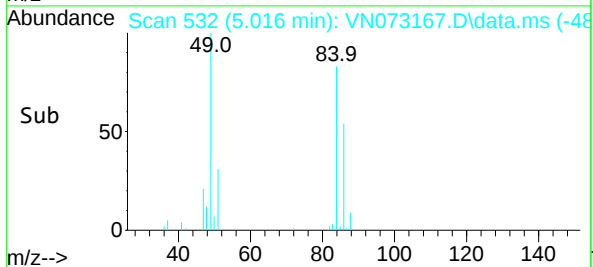
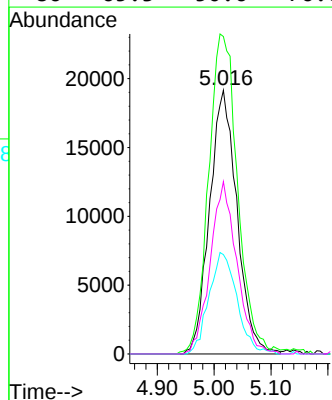
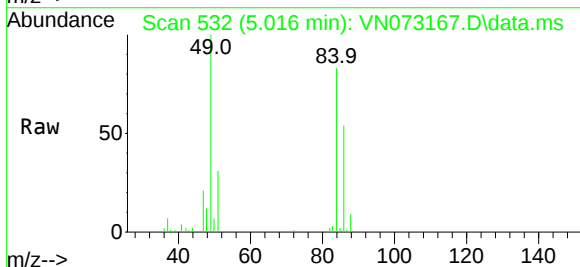
Ion Ratio Lower Upper

84 100

49 119.6 88.3 132.5

51 37.7 28.2 42.2

86 65.3 50.6 76.0

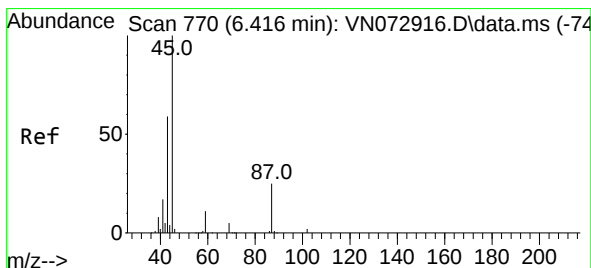
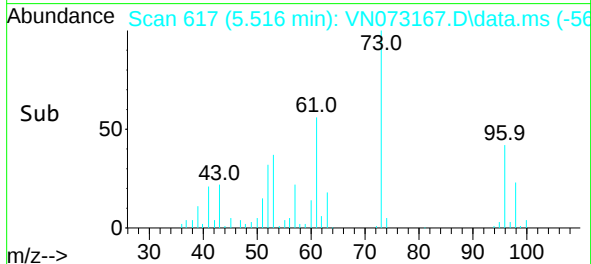
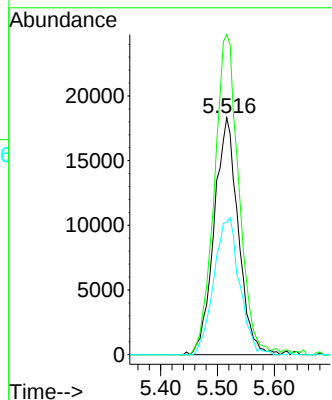
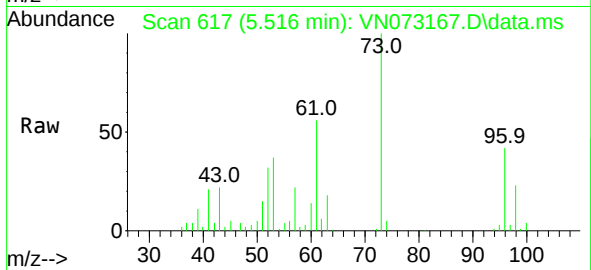




#21  
trans-1,2-Dichloroethene  
Concen: 18.199 ug/l  
RT: 5.516 min Scan# 616  
Delta R.T. 0.006 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

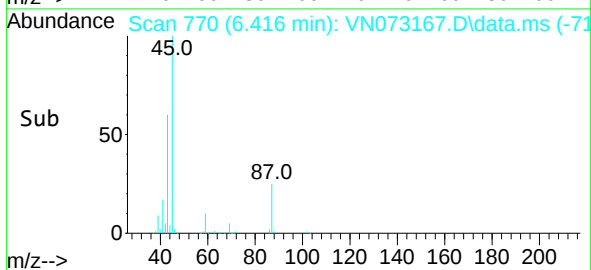
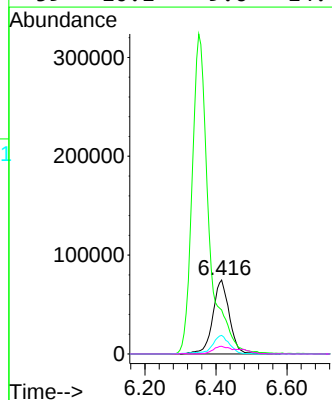
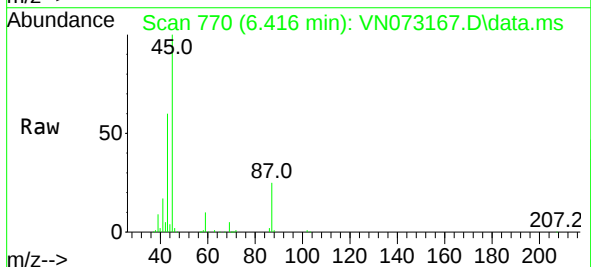
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0627MBS01

Tgt Ion: 96 Resp: 54026  
Ion Ratio Lower Upper  
96 100  
61 135.0 105.8 158.8  
98 55.8 50.3 75.5



#22  
Diisopropyl ether  
Concen: 22.273 ug/l  
RT: 6.416 min Scan# 770  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

Tgt Ion: 45 Resp: 242114  
Ion Ratio Lower Upper  
45 100  
43 58.7 46.6 70.0  
87 25.1 24.3 36.5  
59 10.1 9.6 14.4

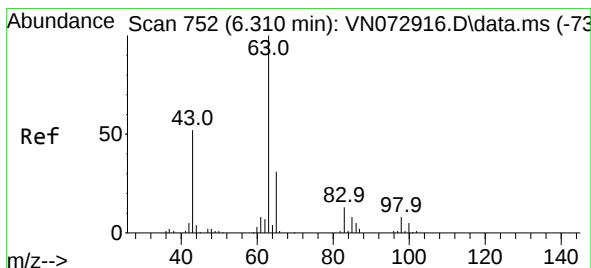
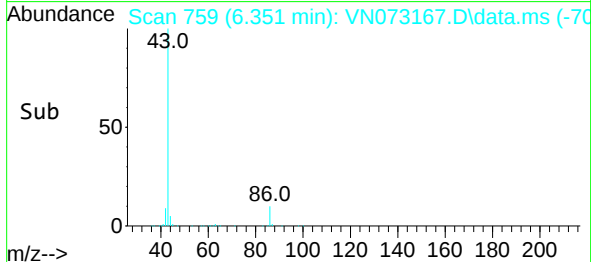
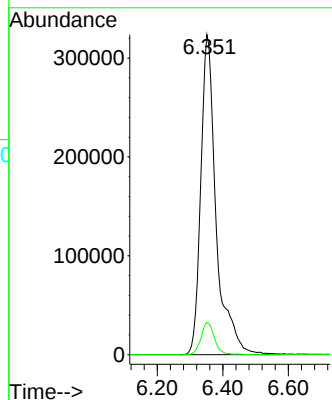
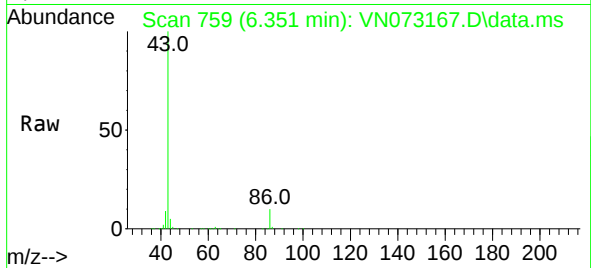




#23  
 Vinyl Acetate  
 Concen: 105.360 ug/l  
 RT: 6.351 min Scan# 759  
 Delta R.T. 0.000 min  
 Lab File: VN073167.D  
 Acq: 27 Jun 2022 17:16

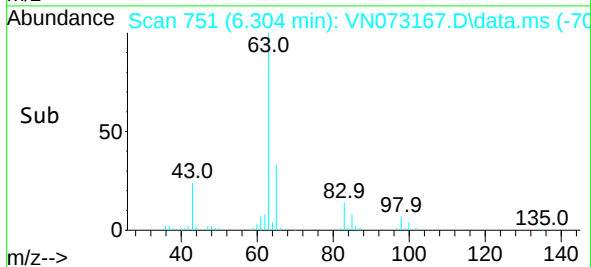
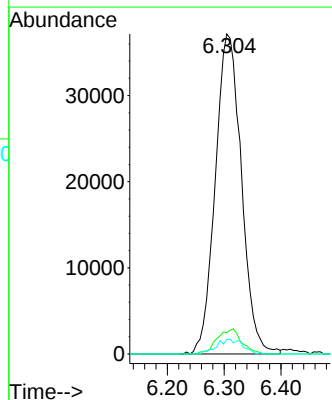
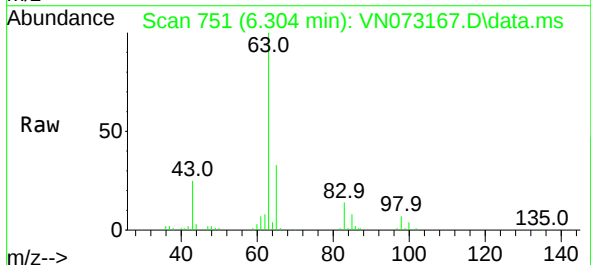
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0627MBS01

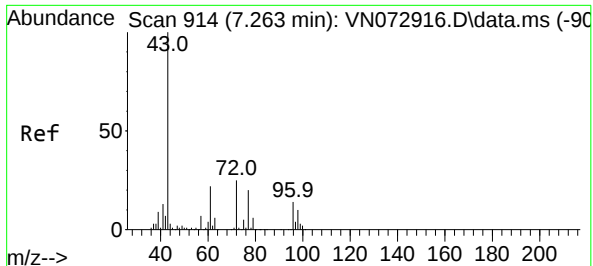
Tgt Ion: 43 Resp: 1057221  
 Ion Ratio Lower Upper  
 43 100  
 86 10.1 10.0 15.0



#24  
 1,1-Dichloroethane  
 Concen: 20.824 ug/l  
 RT: 6.304 min Scan# 751  
 Delta R.T. -0.006 min  
 Lab File: VN073167.D  
 Acq: 27 Jun 2022 17:16

Tgt Ion: 63 Resp: 118672  
 Ion Ratio Lower Upper  
 63 100  
 98 6.7 3.5 10.4  
 100 4.5 2.3 6.8

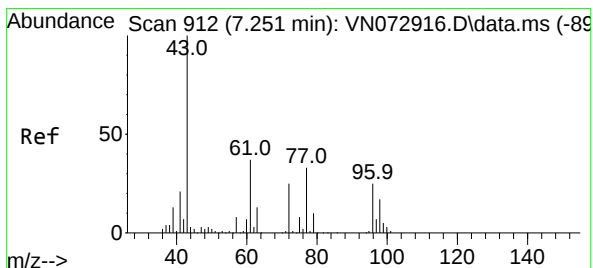
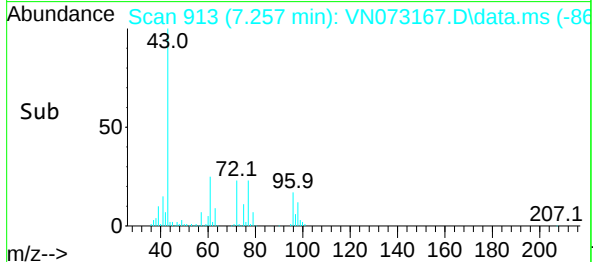
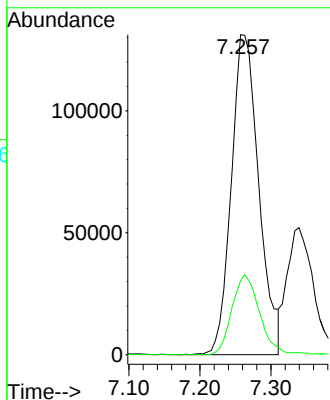
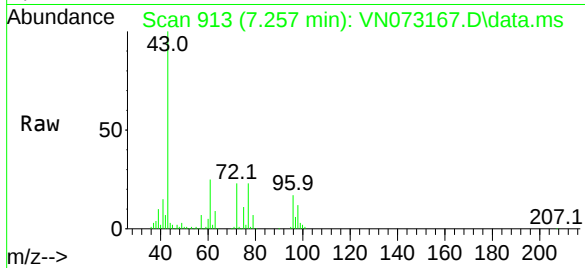




#25  
2-Butanone  
Concen: 105.427 ug/l  
RT: 7.257 min Scan# 913  
Delta R.T. -0.006 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

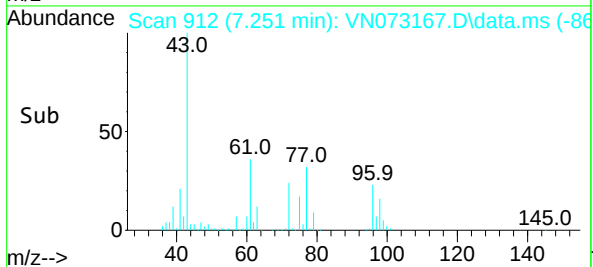
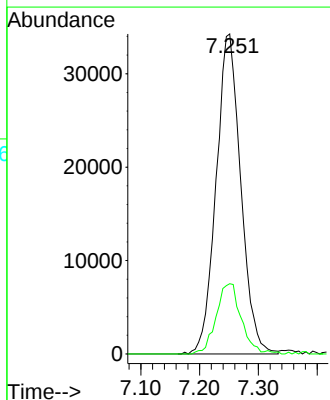
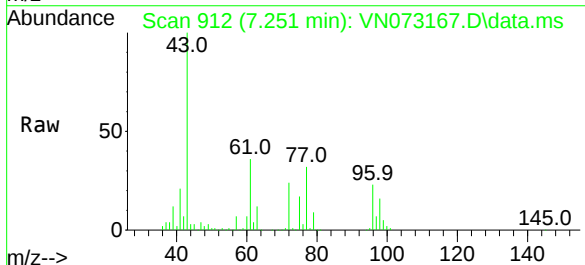
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0627MBS01

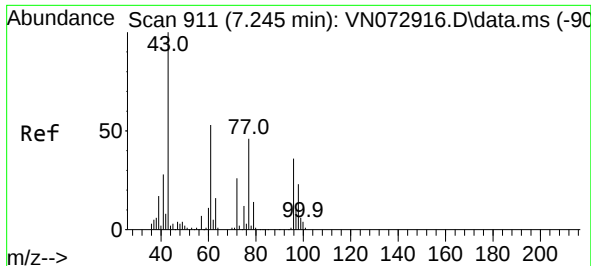
Tgt Ion: 43 Resp: 354411  
Ion Ratio Lower Upper  
43 100  
72 23.1 23.7 35.5#



#26  
2,2-Dichloropropane  
Concen: 20.773 ug/l  
RT: 7.251 min Scan# 912  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

Tgt Ion: 77 Resp: 99869  
Ion Ratio Lower Upper  
77 100  
97 22.0 11.4 34.2

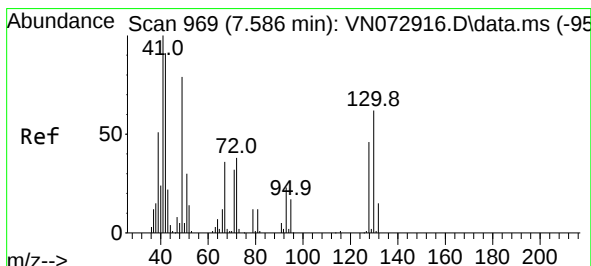
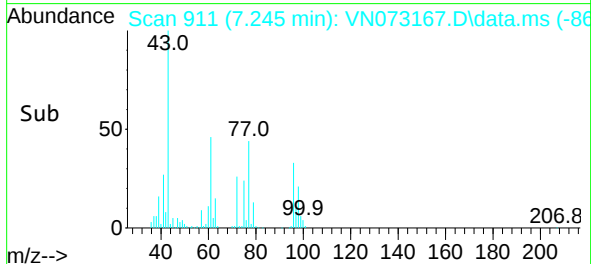
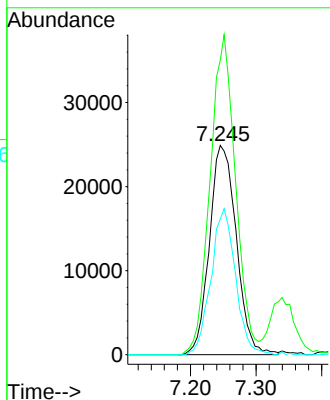
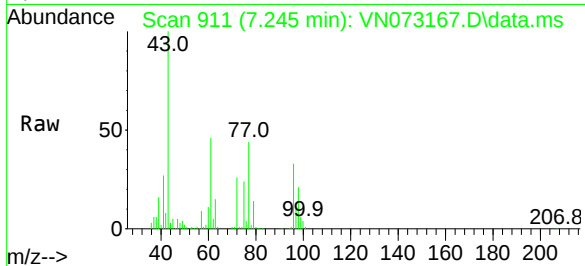




#27  
 cis-1,2-Dichloroethene  
 Concen: 20.000 ug/l  
 RT: 7.245 min Scan# 911  
 Delta R.T. 0.000 min  
 Lab File: VN073167.D  
 Acq: 27 Jun 2022 17:16

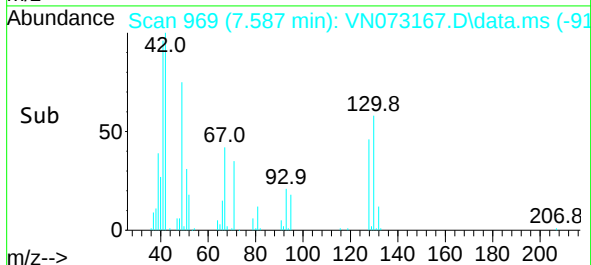
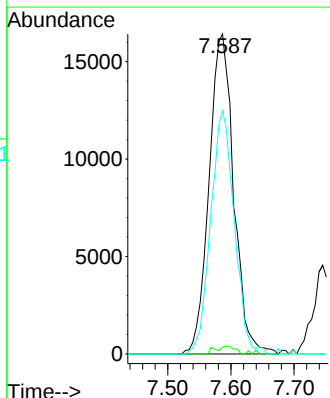
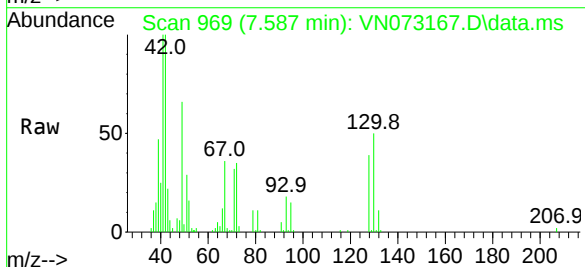
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0627MBS01

Tgt Ion: 96 Resp: 70937  
 Ion Ratio Lower Upper  
 96 100  
 61 144.8 0.0 280.6  
 98 63.7 0.0 128.4



#28  
 Bromochloromethane  
 Concen: 18.885 ug/l  
 RT: 7.587 min Scan# 969  
 Delta R.T. 0.000 min  
 Lab File: VN073167.D  
 Acq: 27 Jun 2022 17:16

Tgt Ion: 49 Resp: 44511  
 Ion Ratio Lower Upper  
 49 100  
 129 1.9 0.0 4.6  
 130 73.1 69.7 104.5





#29

Tetrahydrofuran

Concen: 104.877 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN073167.D

Acq: 27 Jun 2022 17:16

Instrument :

MSVOA\_N

ClientSampleId :

VN0627MBS01

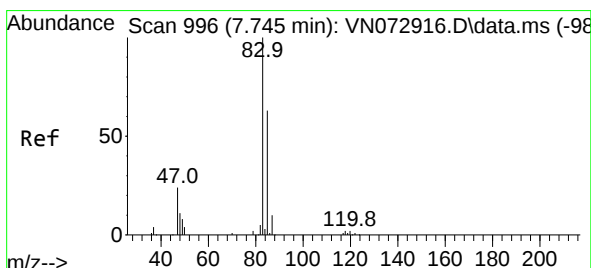
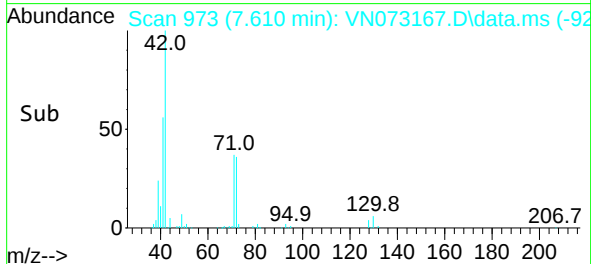
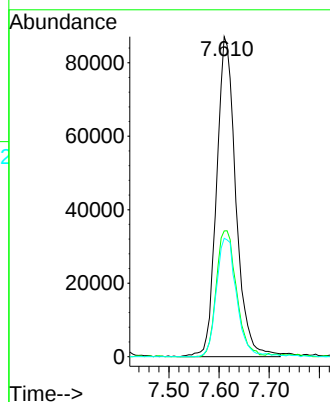
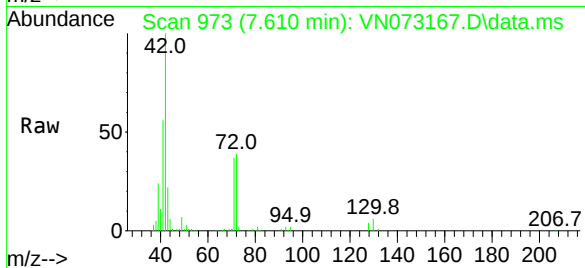
Tgt Ion: 42 Resp: 232816

Ion Ratio Lower Upper

42 100

72 41.2 39.7 59.5

71 38.8 36.6 55.0



#30

Chloroform

Concen: 21.026 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN073167.D

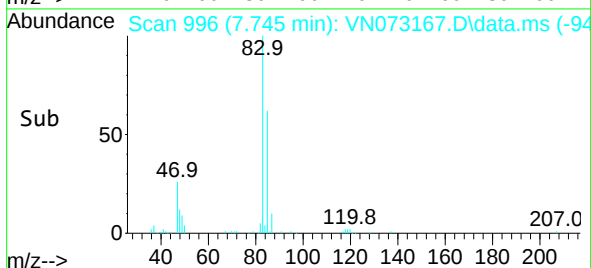
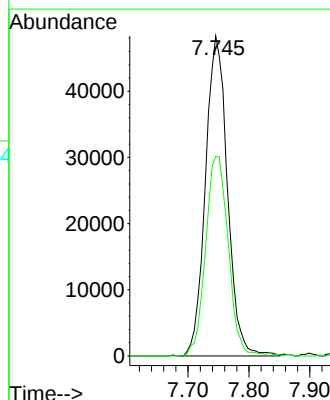
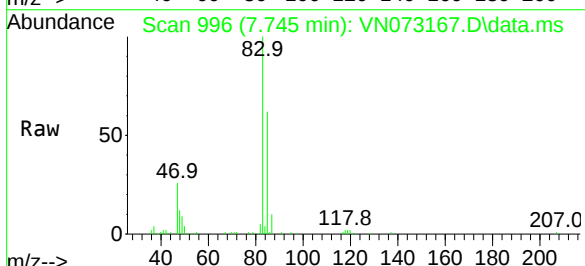
Acq: 27 Jun 2022 17:16

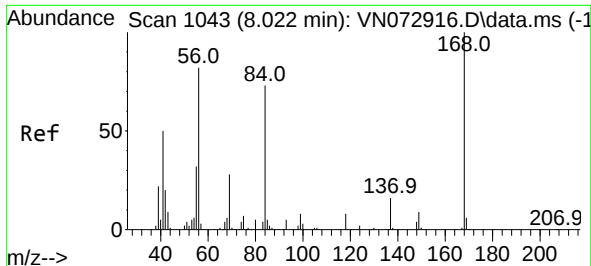
Tgt Ion: 83 Resp: 121305

Ion Ratio Lower Upper

83 100

85 62.3 51.8 77.8

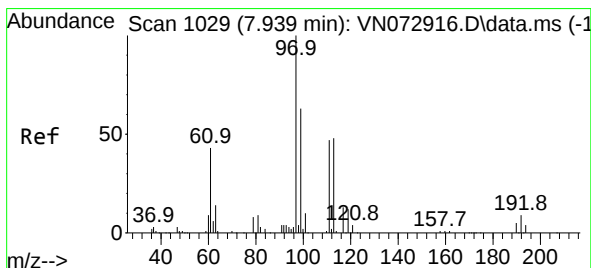
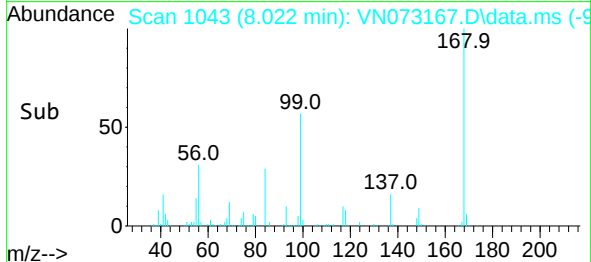
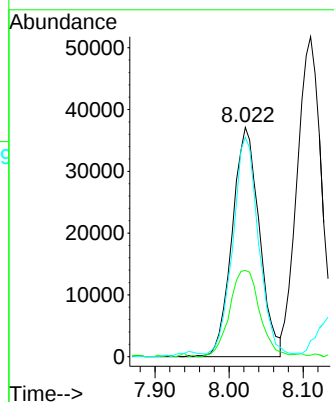
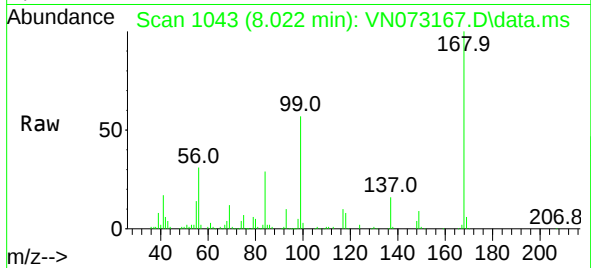




#31  
Cyclohexane  
Concen: 18.135 ug/l  
RT: 8.022 min Scan# 1043  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

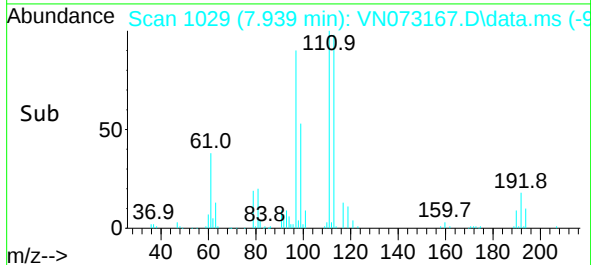
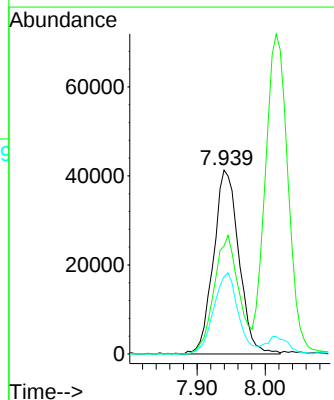
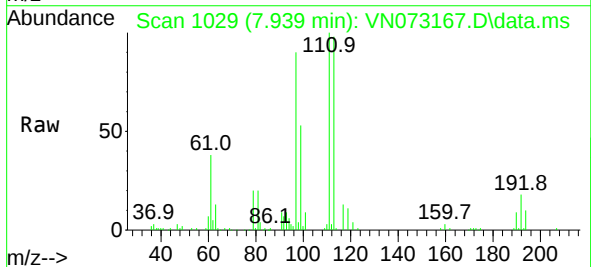
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0627MBS01

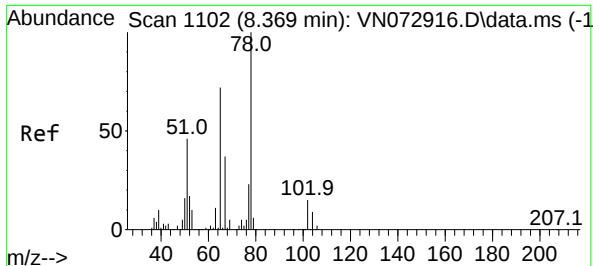
Tgt Ion: 56 Resp: 94539  
Ion Ratio Lower Upper  
56 100  
69 36.9 27.8 41.8  
84 94.2 76.9 115.3



#32  
1,1,1-Trichloroethane  
Concen: 21.115 ug/l  
RT: 7.939 min Scan# 1029  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

Tgt Ion: 97 Resp: 106899  
Ion Ratio Lower Upper  
97 100  
99 63.4 50.6 76.0  
61 42.5 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 50.373 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073167.D

Acq: 27 Jun 2022 17:16

Instrument :

MSVOA\_N

ClientSampleId :

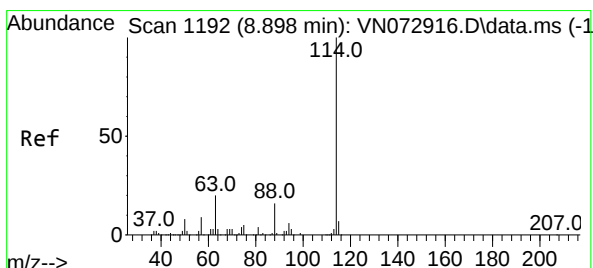
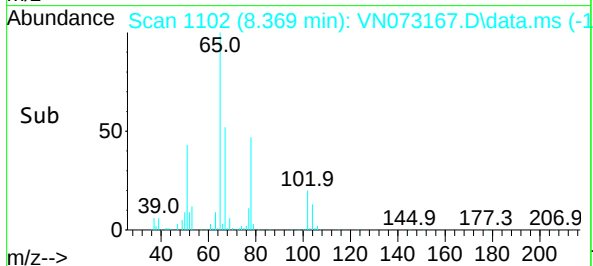
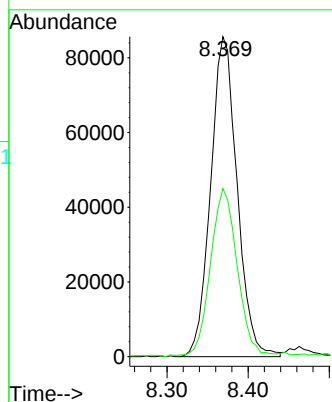
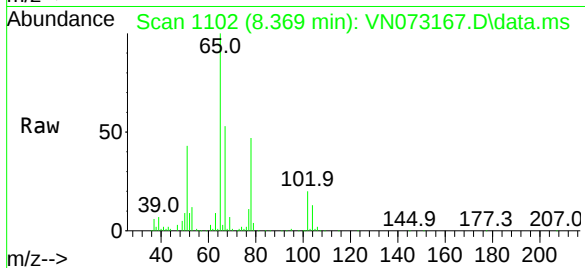
VN0627MBS01

Tgt Ion: 65 Resp: 194130

Ion Ratio Lower Upper

65 100

67 53.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073167.D

Acq: 27 Jun 2022 17:16

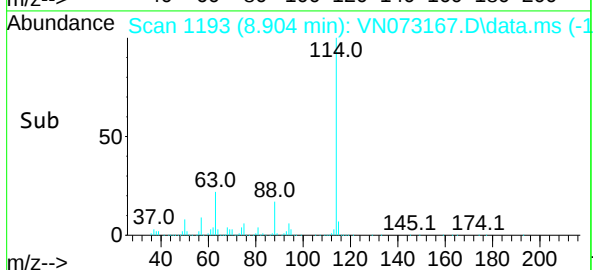
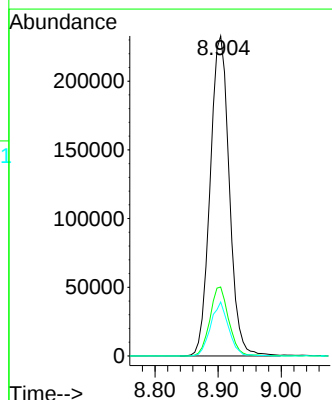
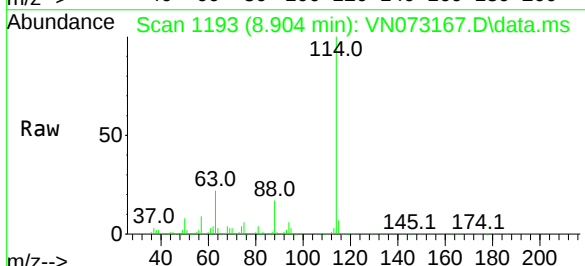
Tgt Ion: 114 Resp: 489784

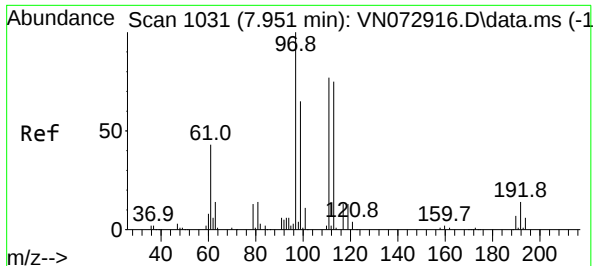
Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.0

88 16.9 0.0 32.6

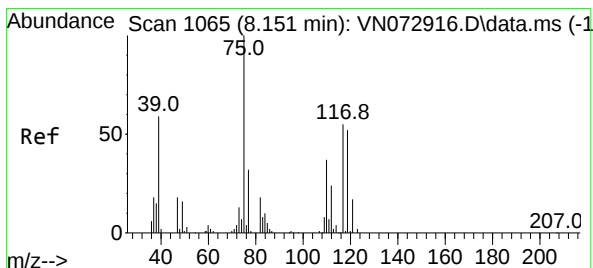
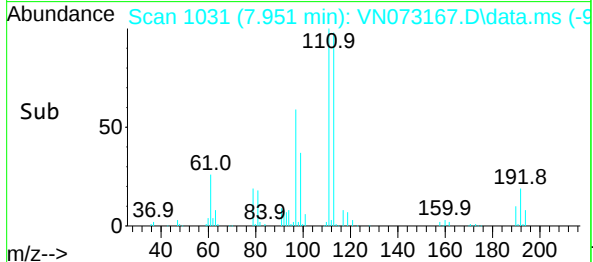
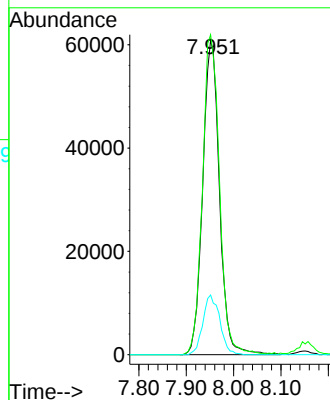
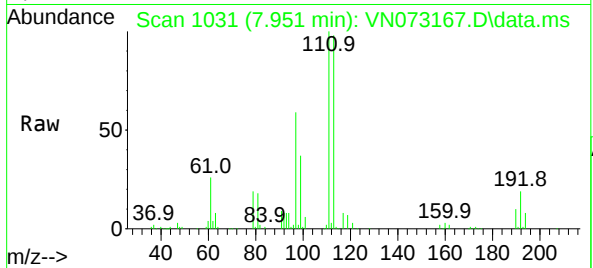




#35  
Dibromofluoromethane  
Concen: 49.289 ug/l  
RT: 7.951 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

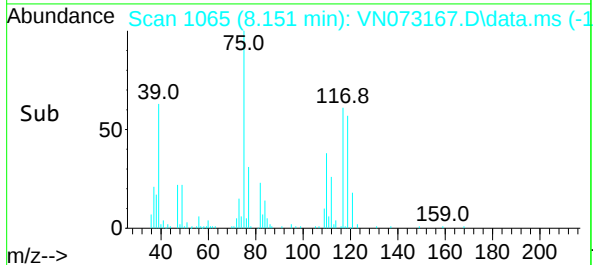
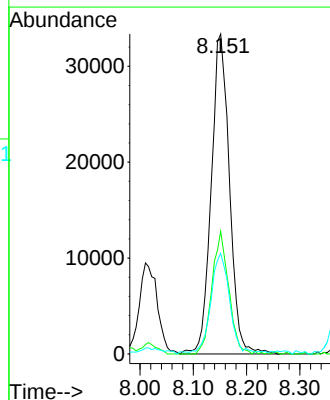
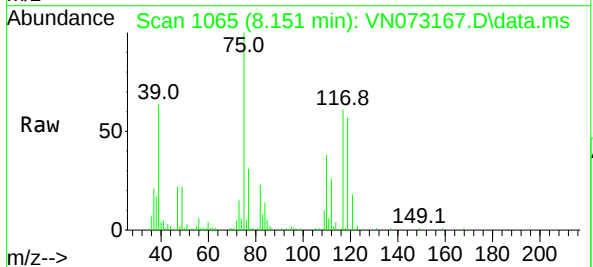
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0627MBS01

Tgt Ion:113 Resp: 149212  
Ion Ratio Lower Upper  
113 100  
111 103.6 81.4 122.0  
192 19.2 17.0 25.6



#36  
1,1-Dichloropropene  
Concen: 19.359 ug/l  
RT: 8.151 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

Tgt Ion: 75 Resp: 79301  
Ion Ratio Lower Upper  
75 100  
110 35.1 18.3 54.8  
77 32.9 25.1 37.7

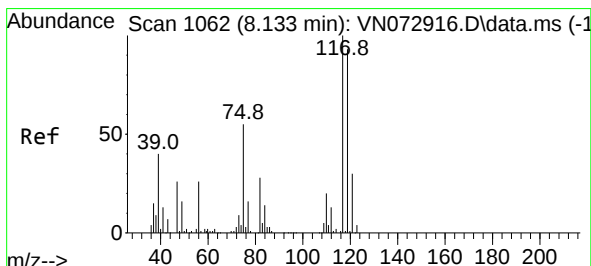
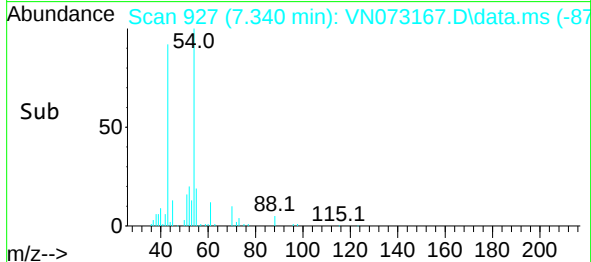
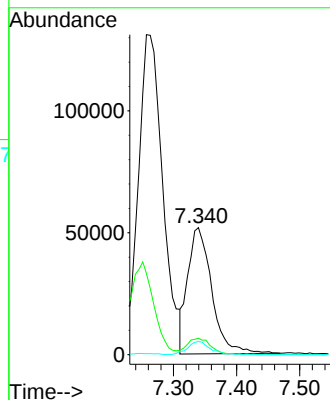
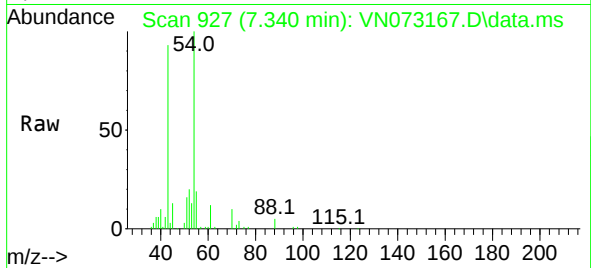




#37  
Ethyl Acetate  
Concen: 20.861 ug/l  
RT: 7.340 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

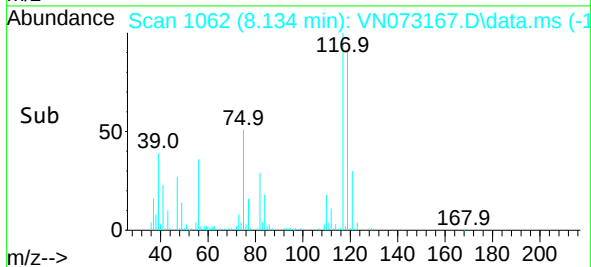
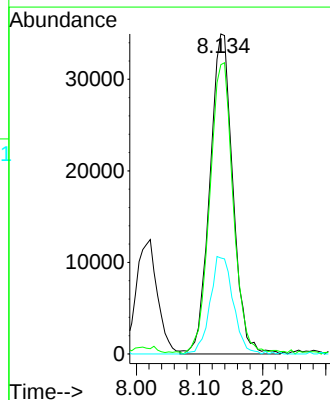
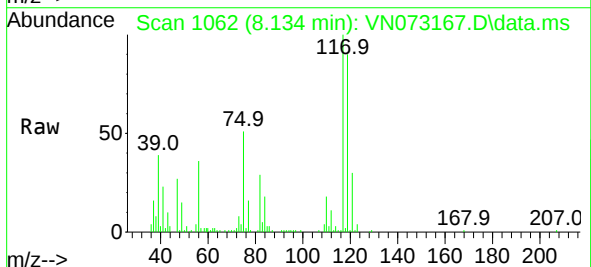
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0627MBS01

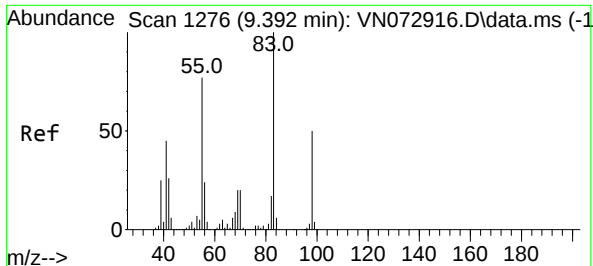
Tgt Ion: 43 Resp: 136683  
Ion Ratio Lower Upper  
43 100  
61 12.6 11.8 17.6  
70 9.8 9.3 13.9



#38  
Carbon Tetrachloride  
Concen: 20.505 ug/l  
RT: 8.134 min Scan# 1062  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

Tgt Ion: 117 Resp: 88350  
Ion Ratio Lower Upper  
117 100  
119 89.8 75.8 113.8  
121 30.0 24.6 37.0

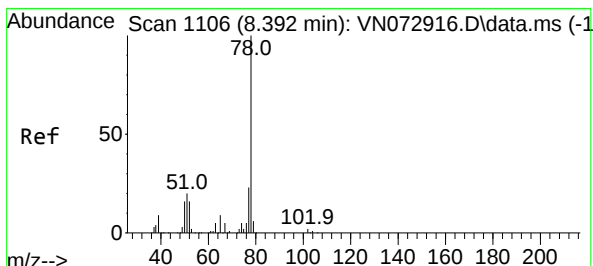
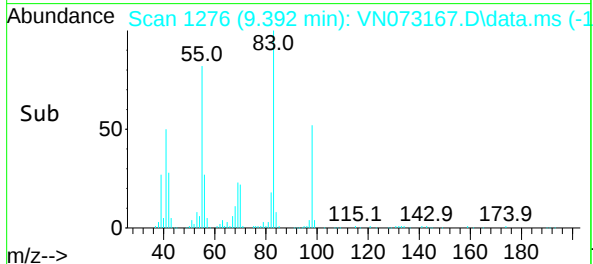
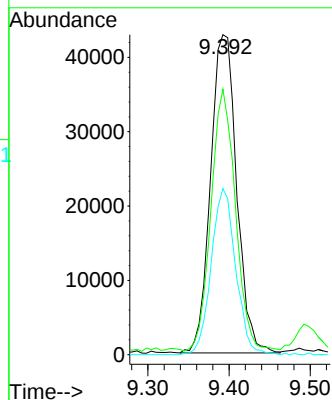
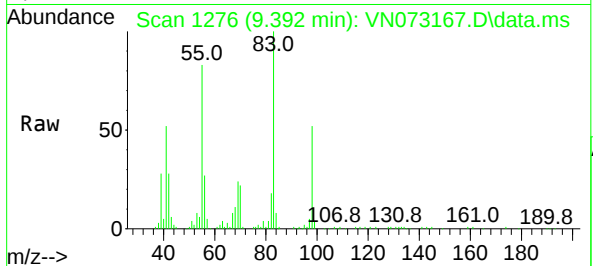




#39  
Methylcyclohexane  
Concen: 19.415 ug/l  
RT: 9.392 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

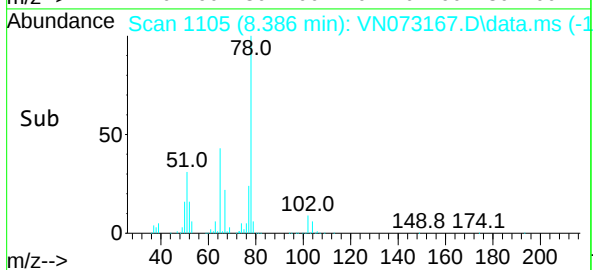
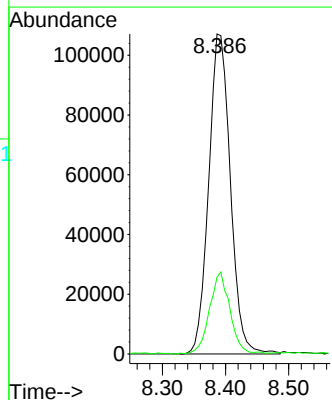
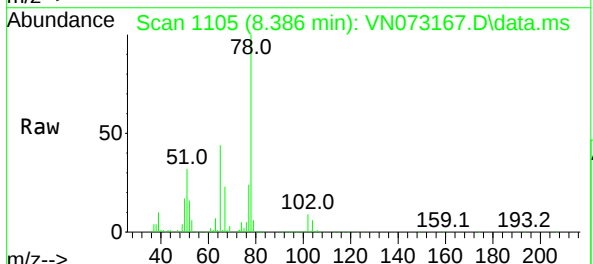
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MSVOA\_N  
ClientSampleId :  
VN0627MBS01

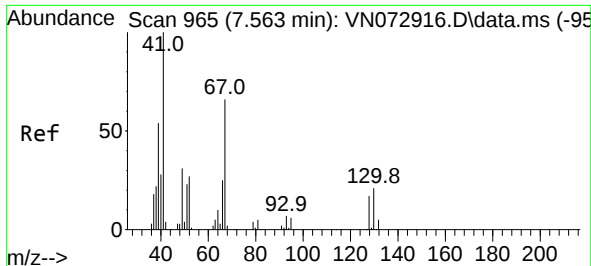
Tgt Ion: 83 Resp: 95863  
Ion Ratio Lower Upper  
83 100  
55 81.9 57.8 86.8  
98 52.2 39.4 59.2



#40  
Benzene  
Concen: 19.861 ug/l  
RT: 8.386 min Scan# 1105  
Delta R.T. -0.006 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

Tgt Ion: 78 Resp: 255679  
Ion Ratio Lower Upper  
78 100  
77 23.7 19.4 29.0

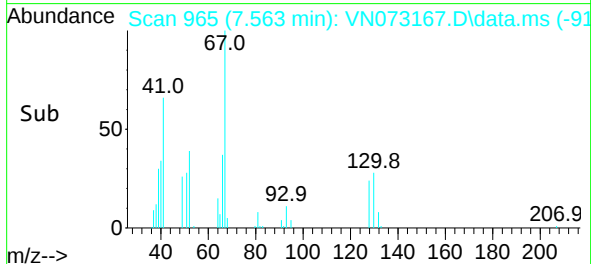
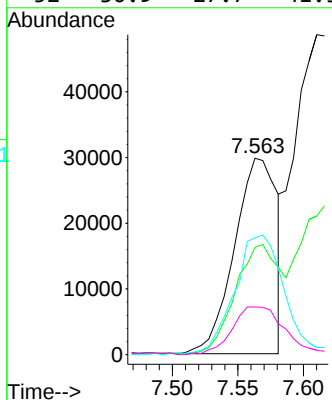
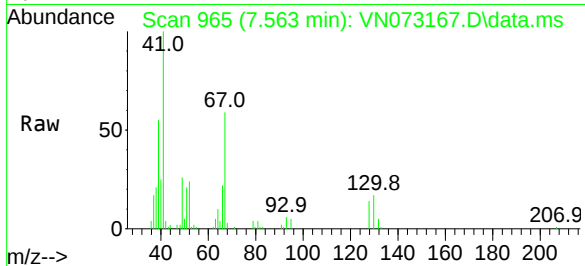




#41  
Methacrylonitrile  
Concen: 21.461 ug/l  
RT: 7.563 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

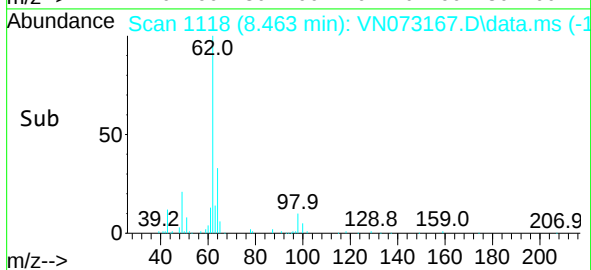
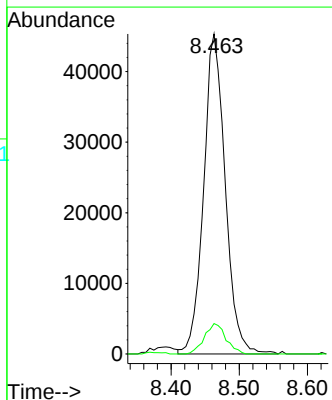
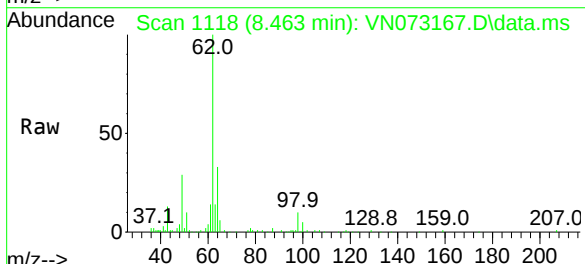
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0627MBS01

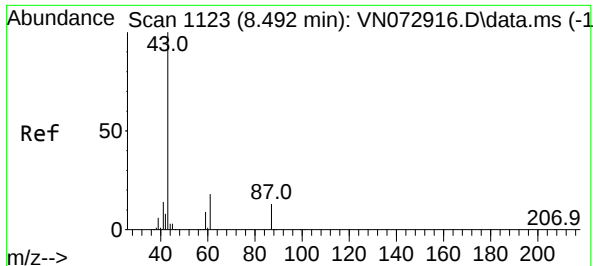
Tgt Ion: 41 Resp: 66681  
Ion Ratio Lower Upper  
41 100  
39 60.4 48.6 73.0  
67 72.8 73.4 110.2#  
52 30.9 27.7 41.5



#42  
1,2-Dichloroethane  
Concen: 21.886 ug/l  
RT: 8.463 min Scan# 1118  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

Tgt Ion: 62 Resp: 100072  
Ion Ratio Lower Upper  
62 100  
98 9.4 0.0 19.4

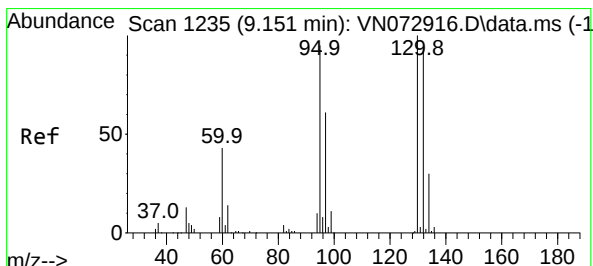
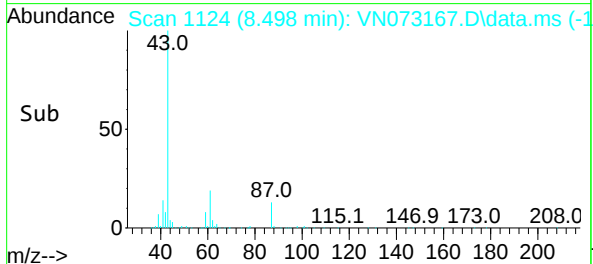
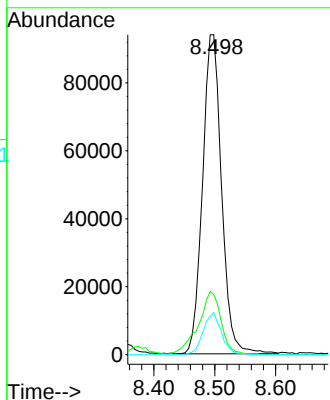
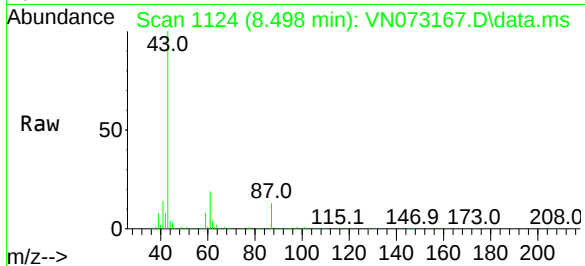




#43  
Isopropyl Acetate  
Concen: 21.767 ug/l  
RT: 8.498 min Scan# 1123  
Delta R.T. 0.006 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

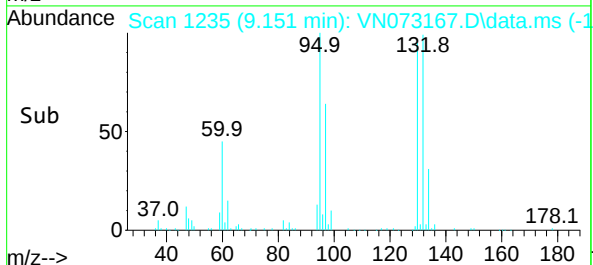
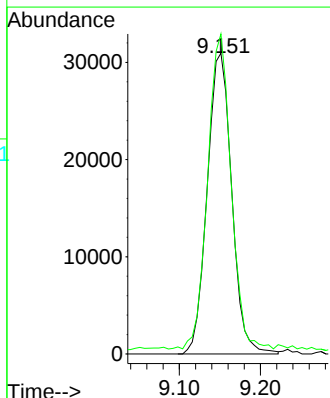
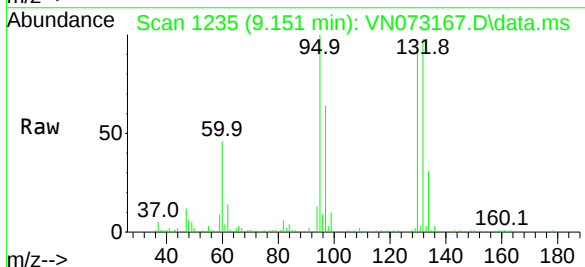
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0627MBS01

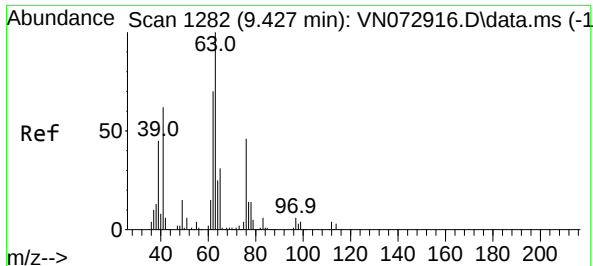
Tgt Ion: 43 Resp: 203864  
Ion Ratio Lower Upper  
43 100  
61 23.9 21.9 32.9  
87 12.6 12.0 18.0



#44  
Trichloroethene  
Concen: 19.919 ug/l  
RT: 9.151 min Scan# 1235  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

Tgt Ion: 130 Resp: 64985  
Ion Ratio Lower Upper  
130 100  
95 104.1 0.0 186.8





#45

1,2-Dichloropropane

Concen: 21.095 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN073167.D

Acq: 27 Jun 2022 17:16

Instrument :

MSVOA\_N

ClientSampleId :

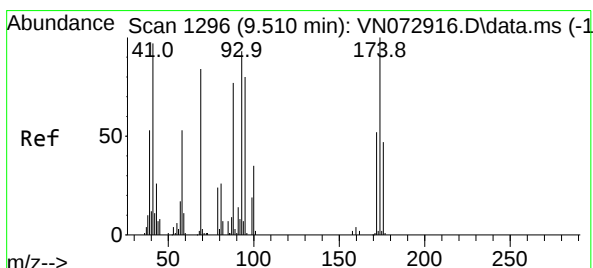
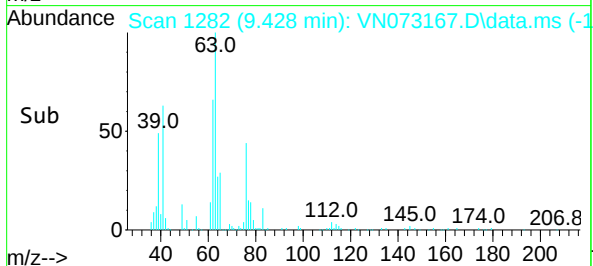
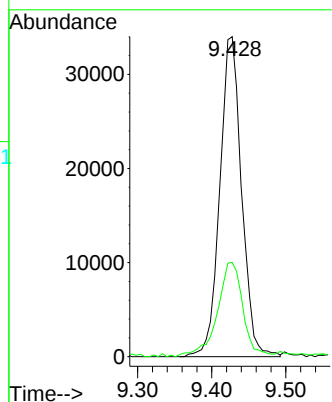
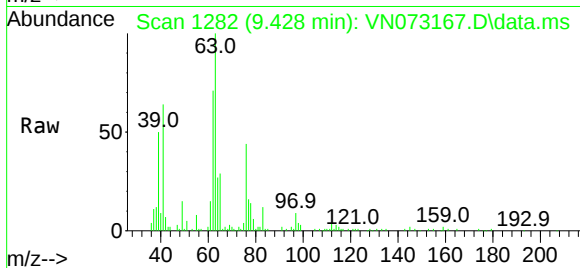
VN0627MBS01

Tgt Ion: 63 Resp: 69418

Ion Ratio Lower Upper

63 100

65 28.8 24.9 37.3



#46

Dibromomethane

Concen: 21.001 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073167.D

Acq: 27 Jun 2022 17:16

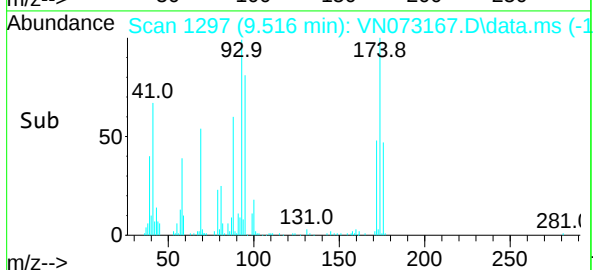
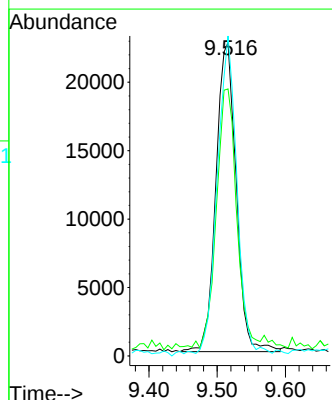
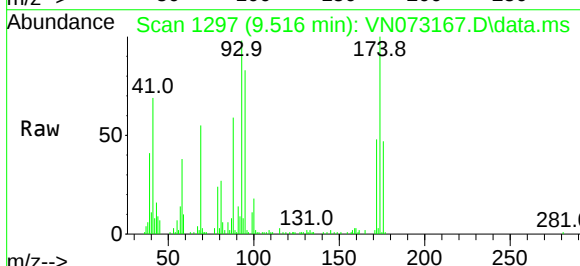
Tgt Ion: 93 Resp: 46728

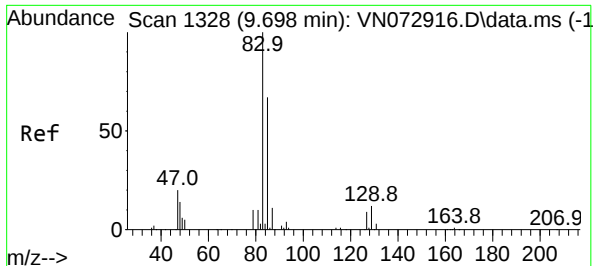
Ion Ratio Lower Upper

93 100

95 81.9 66.9 100.3

174 98.4 86.6 130.0

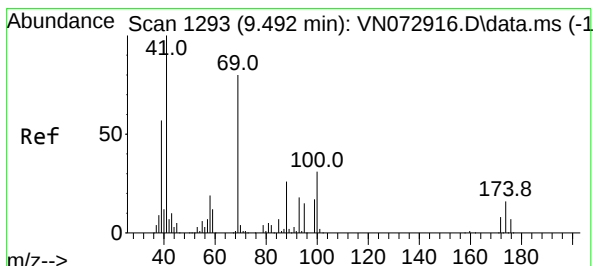
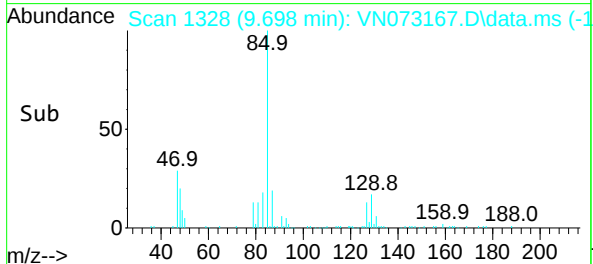
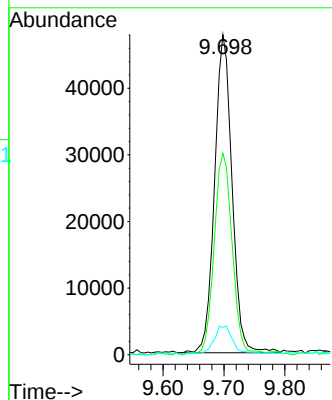
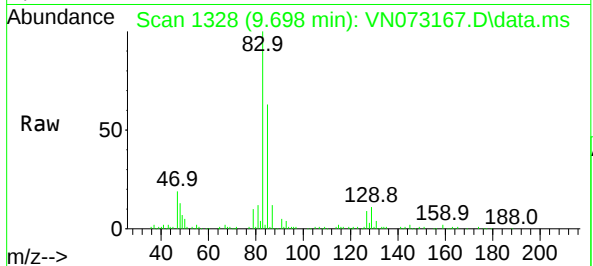




#47  
Bromodichloromethane  
Concen: 21.481 ug/l  
RT: 9.698 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

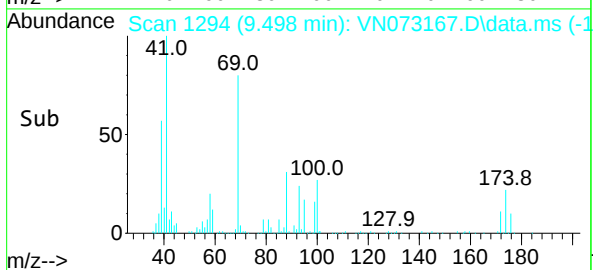
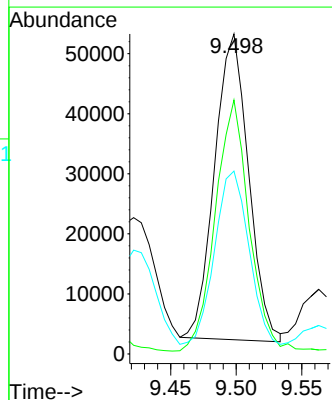
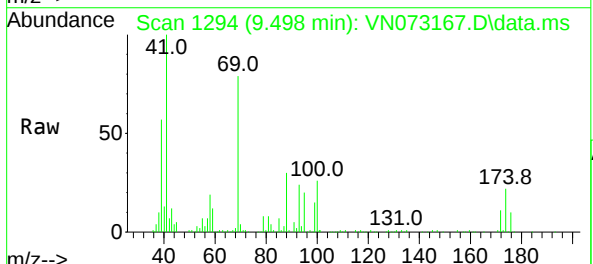
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0627MBS01

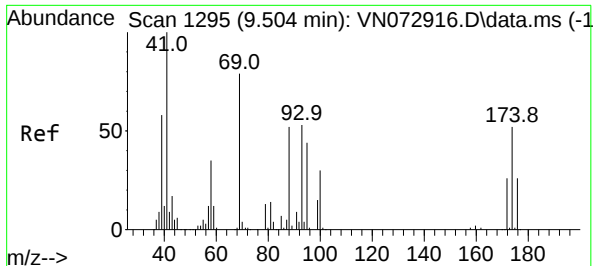
Tgt Ion: 83 Resp: 94987  
Ion Ratio Lower Upper  
83 100  
85 63.3 50.5 75.7  
127 8.6 6.8 10.2



#48  
Methyl methacrylate  
Concen: 21.400 ug/l  
RT: 9.498 min Scan# 1294  
Delta R.T. 0.006 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

Tgt Ion: 41 Resp: 91509  
Ion Ratio Lower Upper  
41 100  
69 82.0 74.7 112.1  
39 62.4 45.6 68.4





#49

1,4-Dioxane

Concen: 393.451 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN073167.D

Acq: 27 Jun 2022 17:16

Instrument :

MSVOA\_N

ClientSampleId :

VN0627MBS01

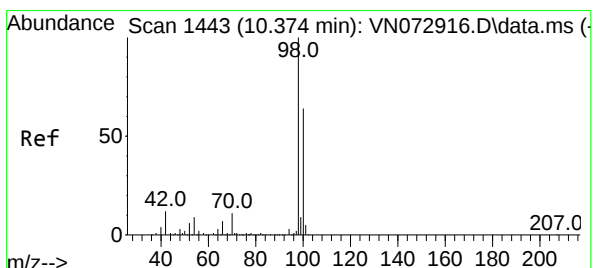
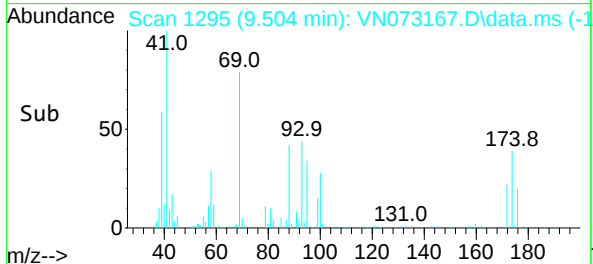
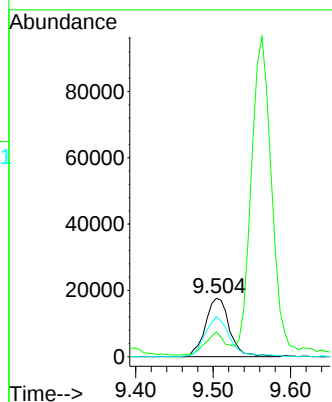
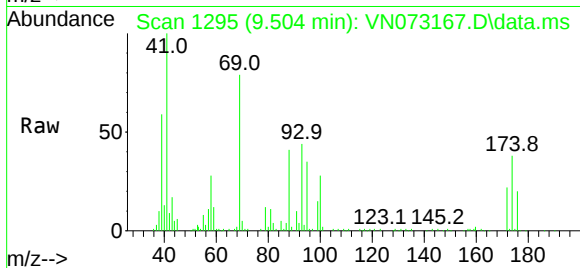
Tgt Ion: 88 Resp: 37856

Ion Ratio Lower Upper

88 100

43 33.9 20.2 30.4#

58 71.1 54.2 81.4



#50

Toluene-d8

Concen: 49.226 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.006 min

Lab File: VN073167.D

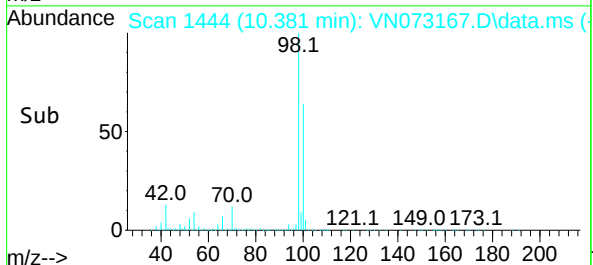
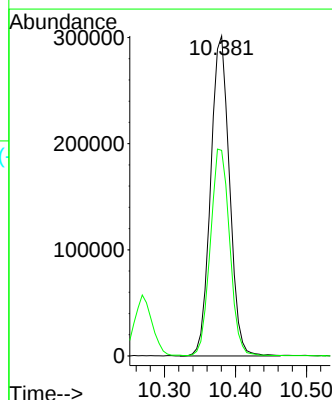
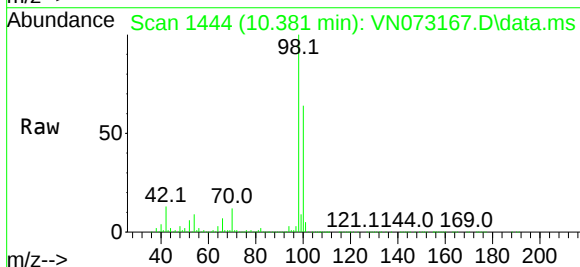
Acq: 27 Jun 2022 17:16

Tgt Ion: 98 Resp: 554514

Ion Ratio Lower Upper

98 100

100 66.2 52.6 78.8

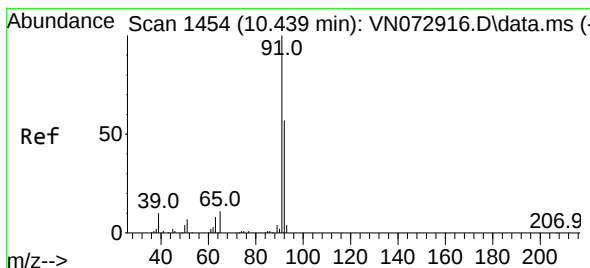
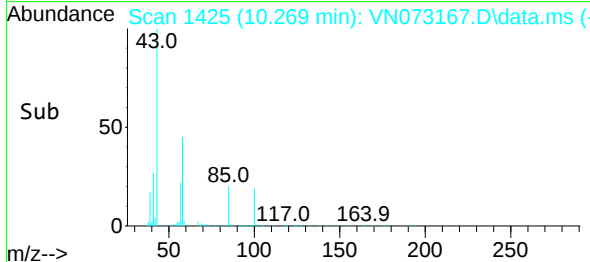
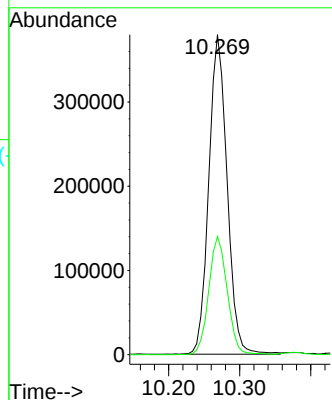
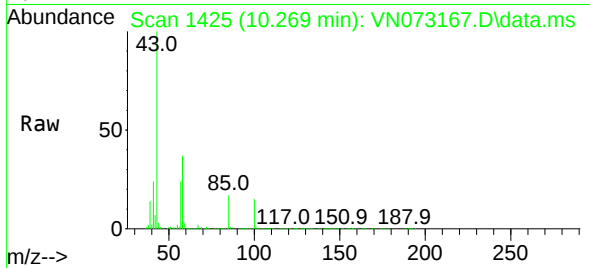




#51  
4-Methyl-2-Pentanone  
Concen: 111.089 ug/l  
RT: 10.269 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

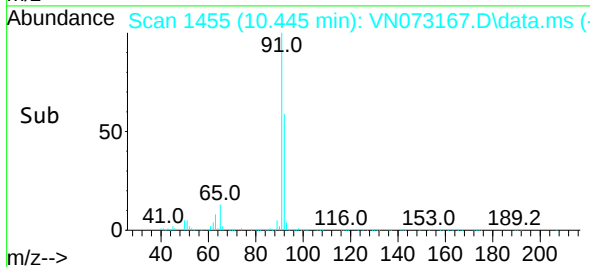
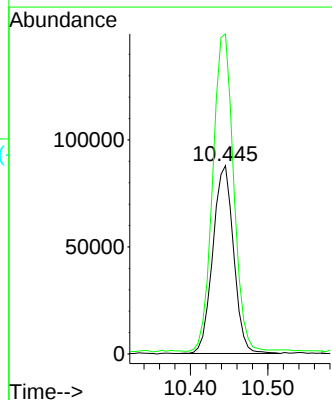
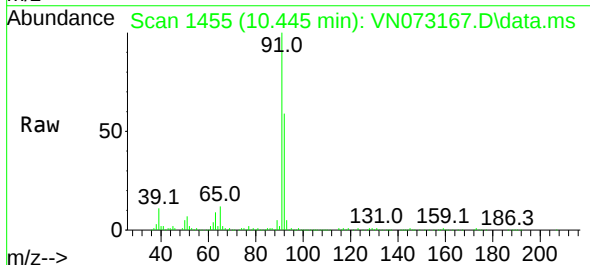
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0627MBS01

Tgt Ion: 43 Resp: 678481  
Ion Ratio Lower Upper  
43 100  
58 37.4 34.1 51.1



#52  
Toluene  
Concen: 20.645 ug/l  
RT: 10.445 min Scan# 1455  
Delta R.T. 0.006 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

Tgt Ion: 92 Resp: 163169  
Ion Ratio Lower Upper  
92 100  
91 169.9 138.6 207.8

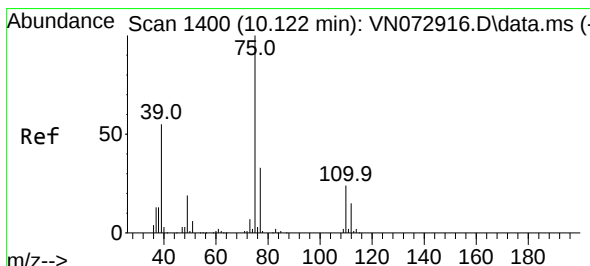
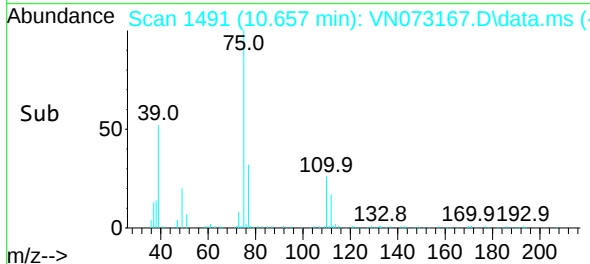
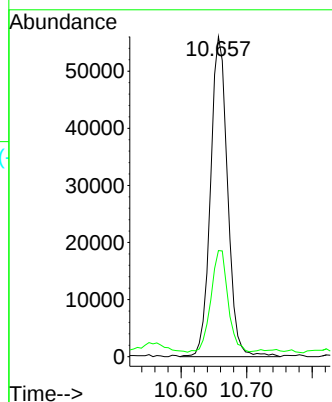
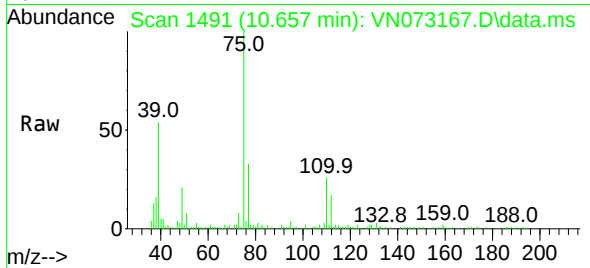




#53  
t-1,3-Dichloropropene  
Concen: 21.371 ug/l  
RT: 10.657 min Scan# 1491  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

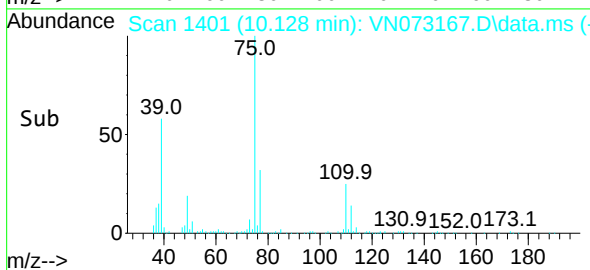
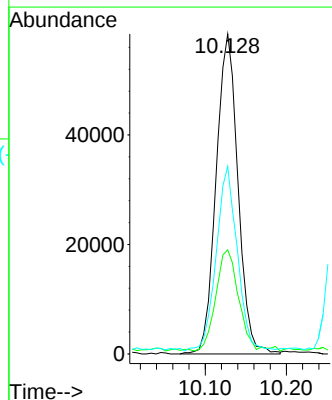
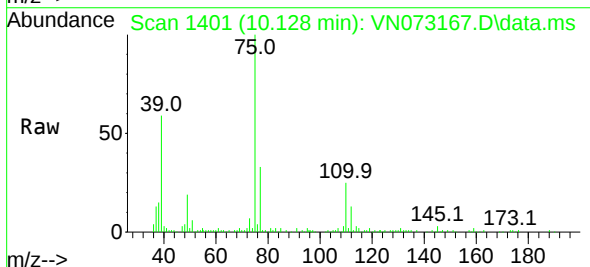
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0627MBS01

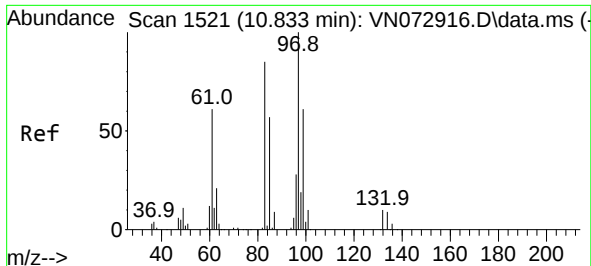
Tgt Ion: 75 Resp: 101631  
Ion Ratio Lower Upper  
75 100  
77 31.4 25.6 38.4



#54  
cis-1,3-Dichloropropene  
Concen: 21.038 ug/l  
RT: 10.128 min Scan# 1401  
Delta R.T. 0.006 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

Tgt Ion: 75 Resp: 109282  
Ion Ratio Lower Upper  
75 100  
77 31.6 25.2 37.8  
39 56.9 35.7 53.5#

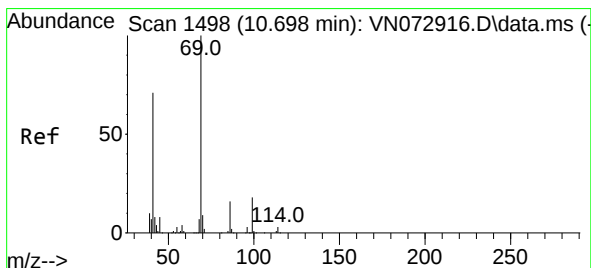
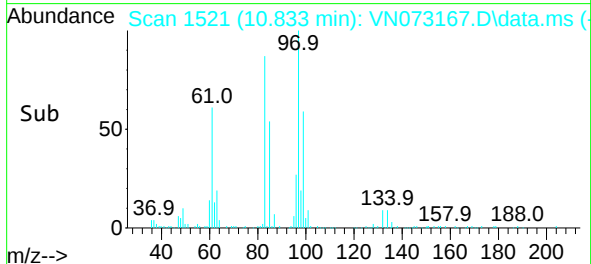
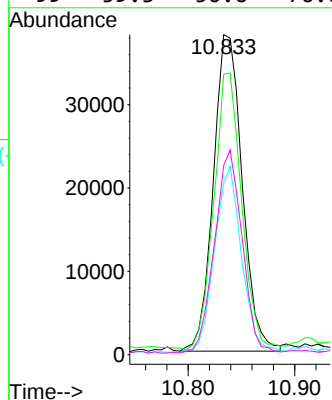
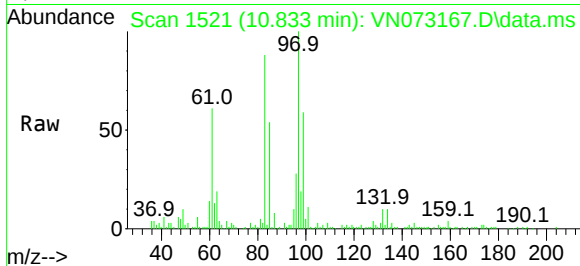




#55  
1,1,2-Trichloroethane  
Concen: 20.595 ug/l  
RT: 10.833 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

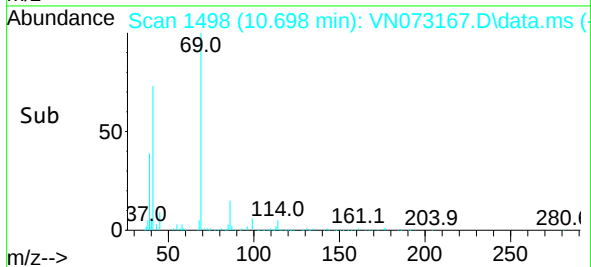
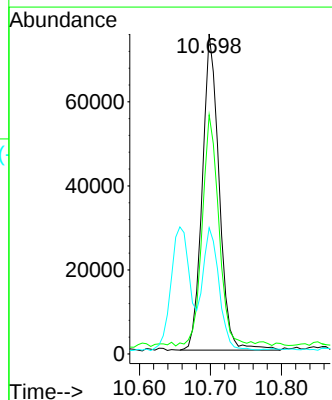
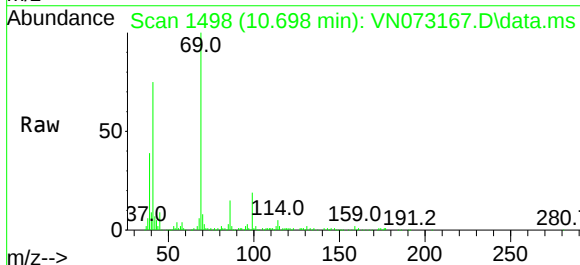
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0627MBS01

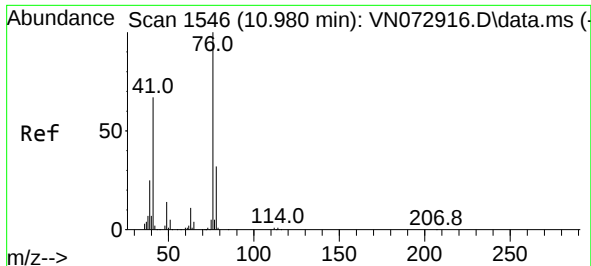
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 71474 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.5  | 66.2  | 99.4  |
| 85       | 53.5  | 43.9  | 65.9  |
| 99       | 59.3  | 50.6  | 76.0  |



#56  
Ethyl methacrylate  
Concen: 22.339 ug/l  
RT: 10.698 min Scan# 1498  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 124262 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 72.1  | 47.8  | 71.6#  |
| 39       | 36.7  | 27.3  | 40.9   |





#57

1,3-Dichloropropane

Concen: 21.730 ug/l

RT: 10.980 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN073167.D

Acq: 27 Jun 2022 17:16

Instrument :

MSVOA\_N

ClientSampleId :

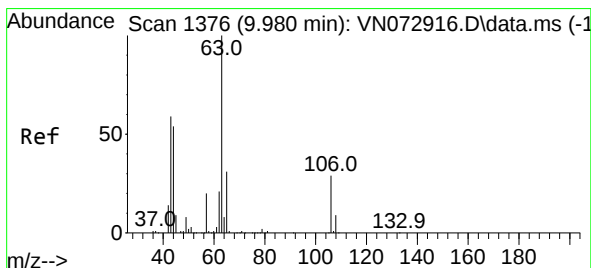
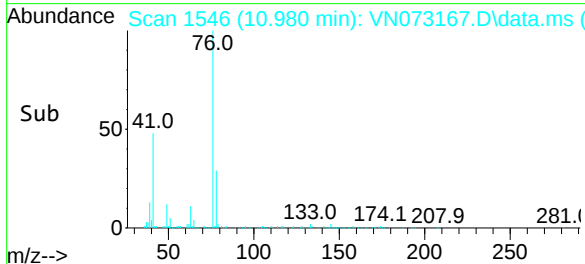
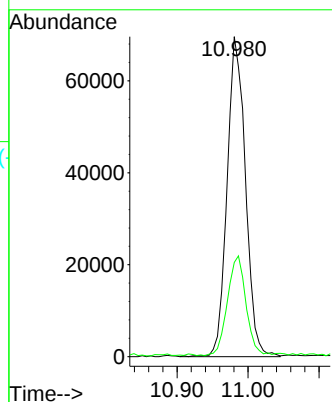
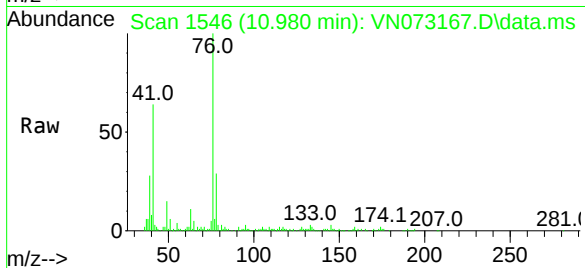
VN0627MBS01

Tgt Ion: 76 Resp: 125109

Ion Ratio Lower Upper

76 100

78 31.5 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 107.936 ug/l

RT: 9.981 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN073167.D

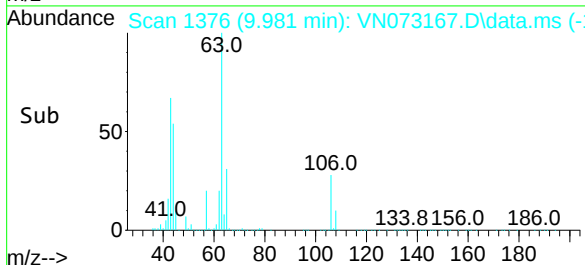
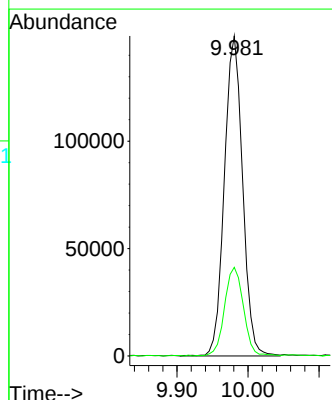
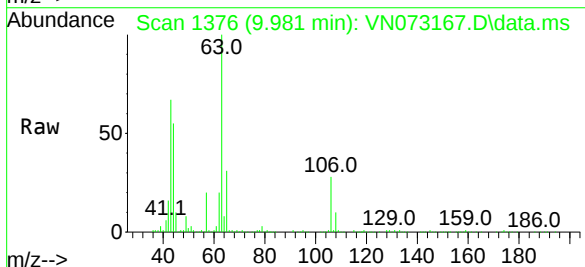
Acq: 27 Jun 2022 17:16

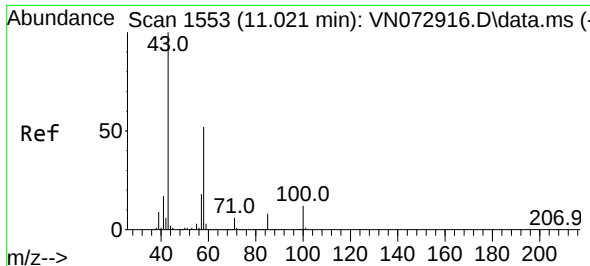
Tgt Ion: 63 Resp: 265067

Ion Ratio Lower Upper

63 100

106 28.8 24.6 36.8

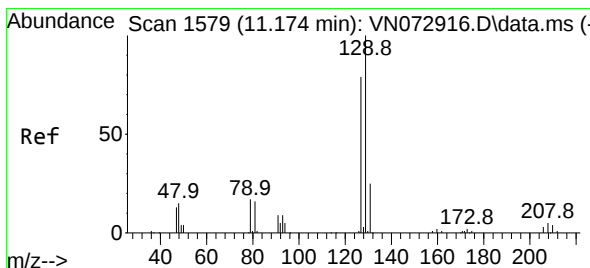
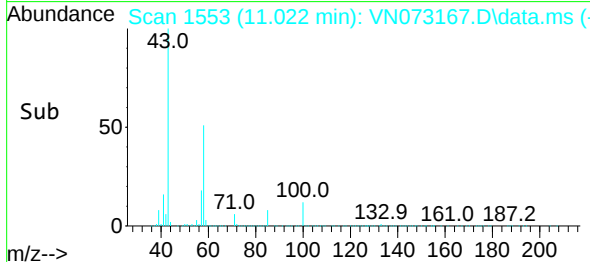
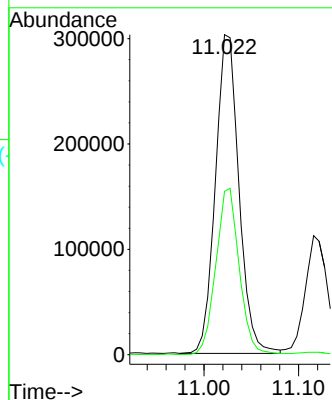
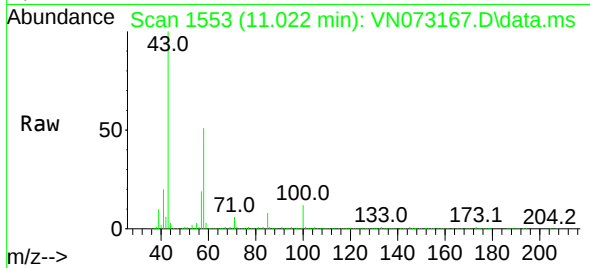




#59  
2-Hexanone  
Concen: 110.622 ug/l  
RT: 11.022 min Scan# 1553  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

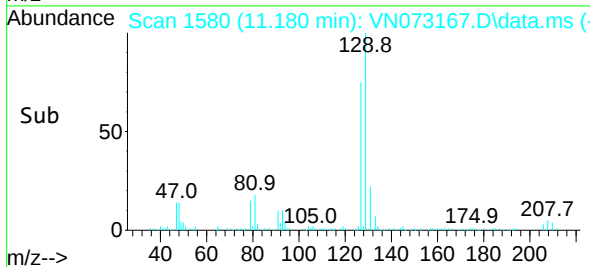
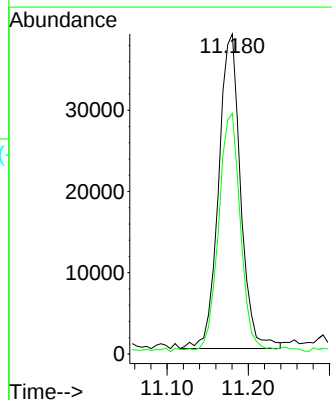
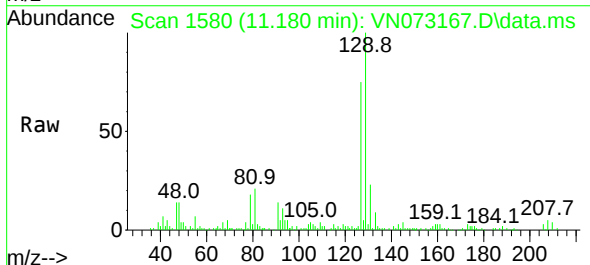
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0627MBS01

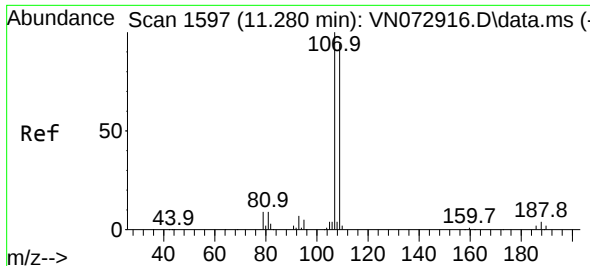
Tgt Ion: 43 Resp: 522558  
Ion Ratio Lower Upper  
43 100  
58 51.9 29.7 89.1



#60  
Dibromochloromethane  
Concen: 22.326 ug/l  
RT: 11.180 min Scan# 1580  
Delta R.T. 0.006 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

Tgt Ion: 129 Resp: 73224  
Ion Ratio Lower Upper  
129 100  
127 73.0 38.8 116.4

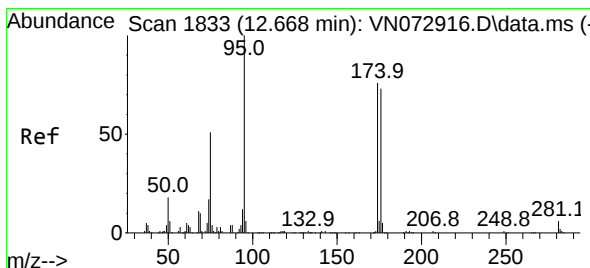
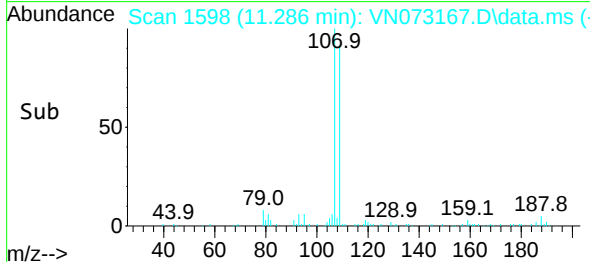
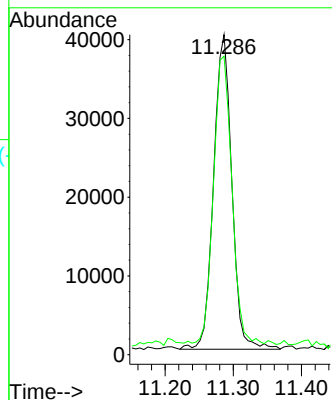
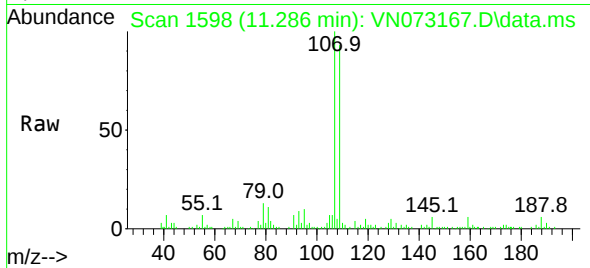




#61  
1,2-Dibromoethane  
Concen: 21.776 ug/l  
RT: 11.286 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

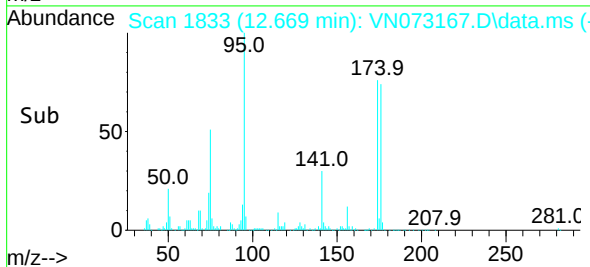
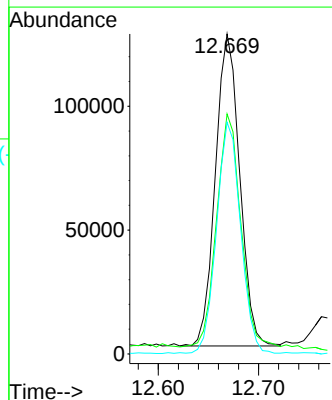
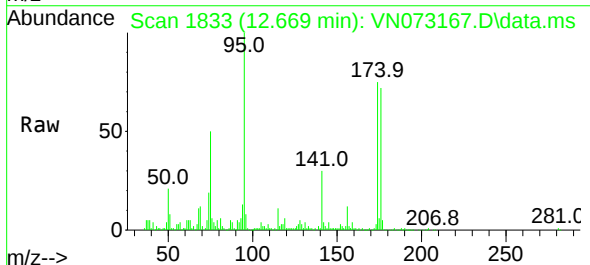
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0627MBS01

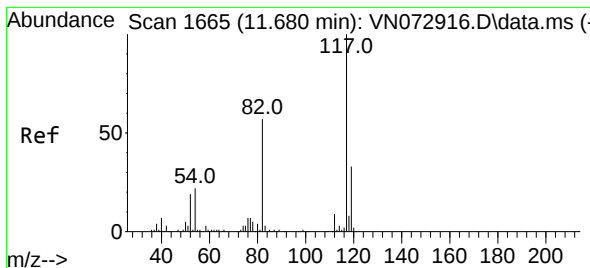
Tgt Ion:107 Resp: 74501  
Ion Ratio Lower Upper  
107 100  
109 91.8 75.0 112.6



#62  
4-Bromofluorobenzene  
Concen: 52.384 ug/l  
RT: 12.669 min Scan# 1833  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

Tgt Ion: 95 Resp: 212189  
Ion Ratio Lower Upper  
95 100  
174 81.4 0.0 167.6  
176 73.3 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073167.D

Acq: 27 Jun 2022 17:16

Instrument :

MSVOA\_N

ClientSampleId :

VN0627MBS01

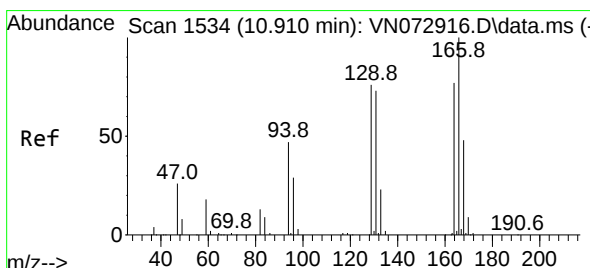
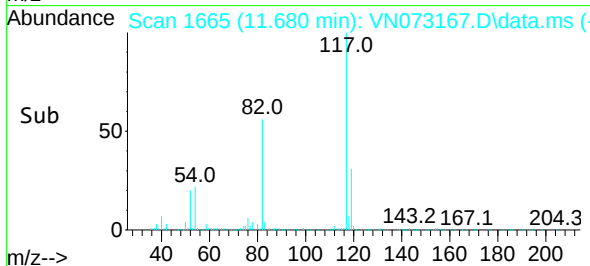
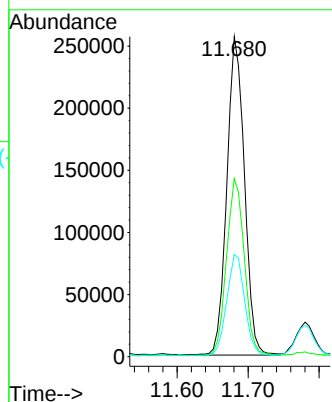
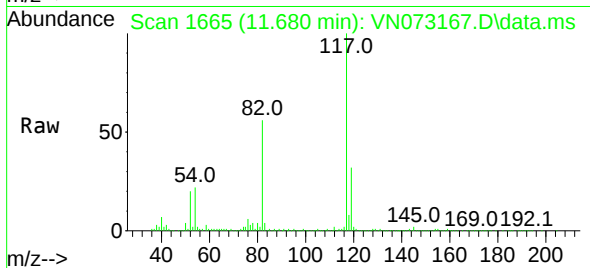
Tgt Ion:117 Resp: 440081

Ion Ratio Lower Upper

117 100

82 55.6 44.2 66.2

119 31.6 25.4 38.0



#64

Tetrachloroethene

Concen: 23.012 ug/l

RT: 10.910 min Scan# 1534

Delta R.T. 0.000 min

Lab File: VN073167.D

Acq: 27 Jun 2022 17:16

Tgt Ion:164 Resp: 61609

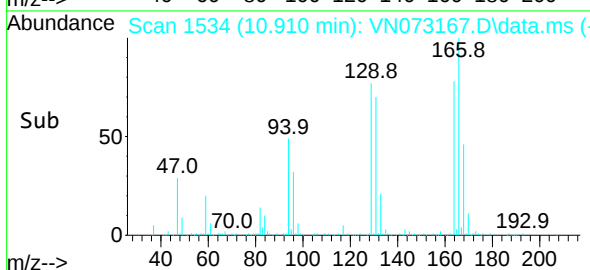
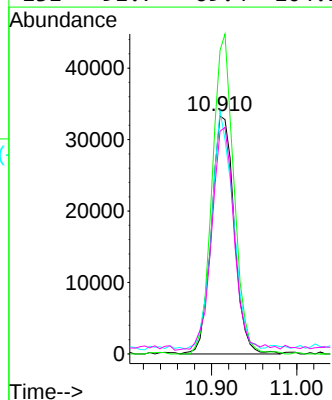
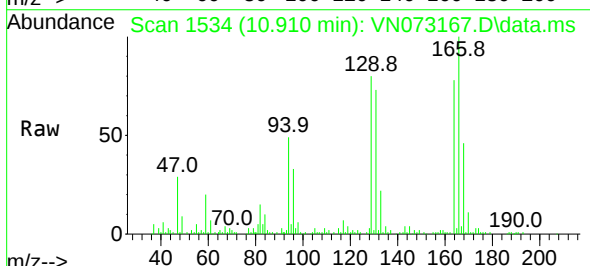
Ion Ratio Lower Upper

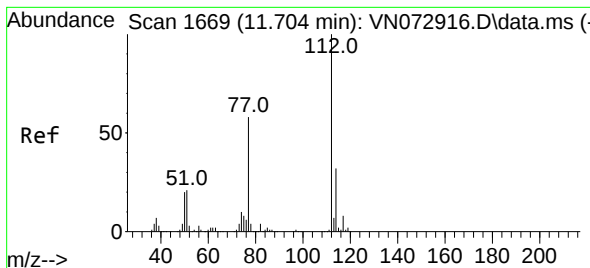
164 100

166 127.6 104.2 156.2

129 99.4 73.9 110.9

131 91.7 69.4 104.2





#65

Chlorobenzene

Concen: 20.387 ug/l

RT: 11.710 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073167.D

Acq: 27 Jun 2022 17:16

Instrument :

MSVOA\_N

ClientSampleId :

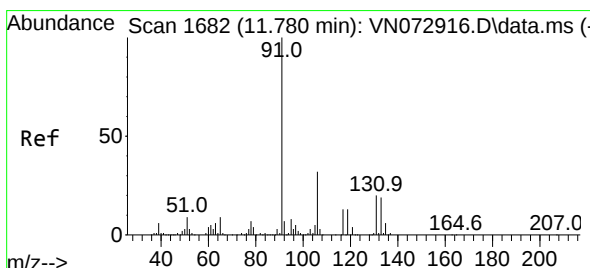
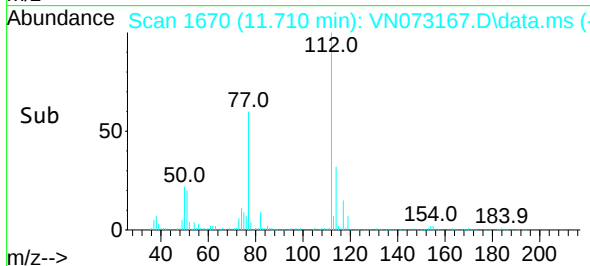
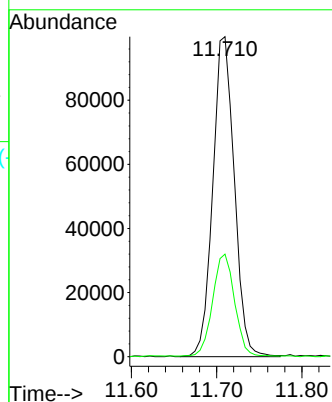
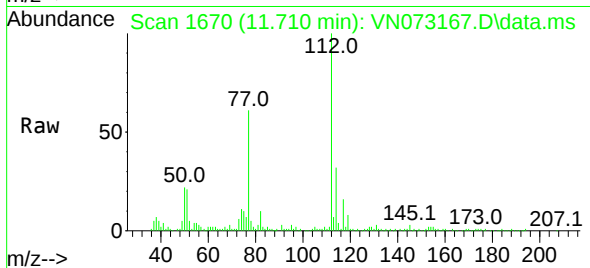
VN0627MBS01

Tgt Ion:112 Resp: 175217

Ion Ratio Lower Upper

112 100

114 31.8 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 21.768 ug/l

RT: 11.780 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VN073167.D

Acq: 27 Jun 2022 17:16

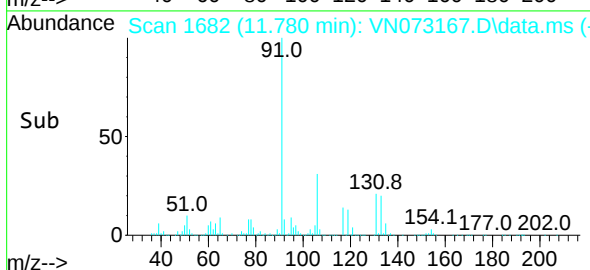
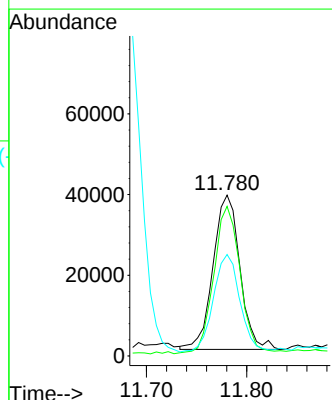
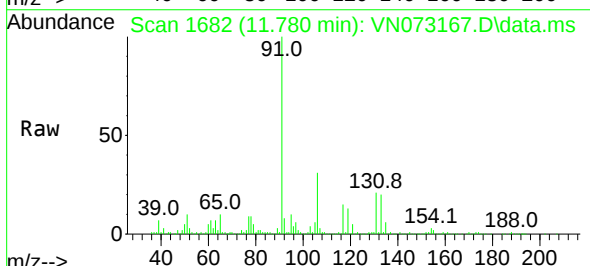
Tgt Ion:131 Resp: 71208

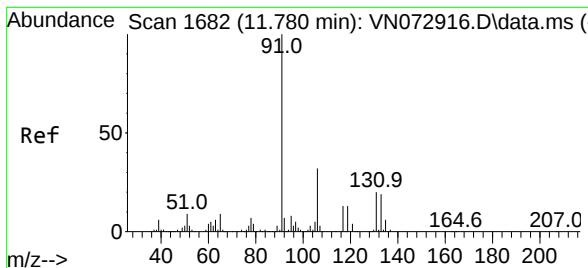
Ion Ratio Lower Upper

131 100

133 93.6 47.8 143.4

119 62.1 33.4 100.2





#67

Ethyl Benzene

Concen: 21.542 ug/l

RT: 11.780 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073167.D

Acq: 27 Jun 2022 17:16

Instrument :

MSVOA\_N

ClientSampleId :

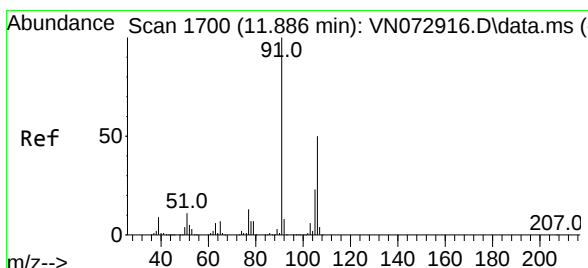
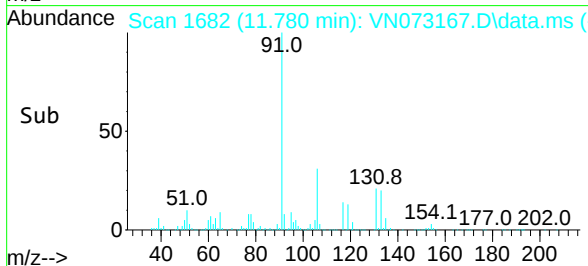
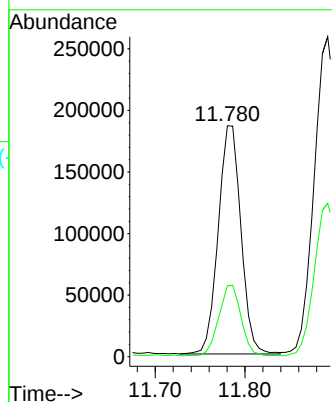
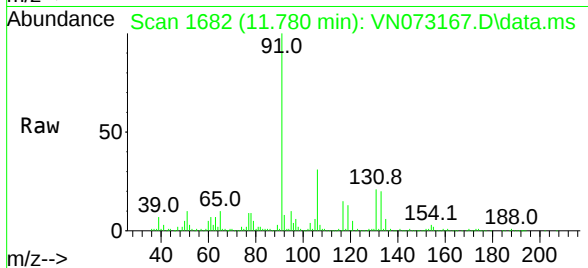
VN0627MBS01

Tgt Ion: 91 Resp: 325922

Ion Ratio Lower Upper

91 100

106 30.7 24.9 37.3



#68

m/p-Xylenes

Concen: 40.832 ug/l

RT: 11.892 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VN073167.D

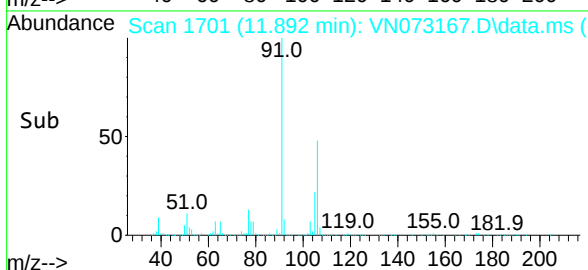
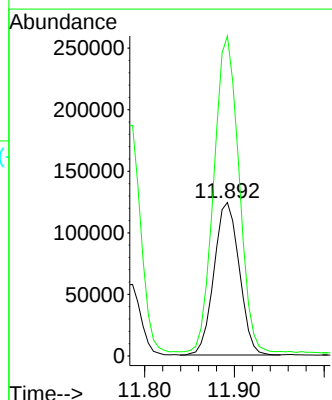
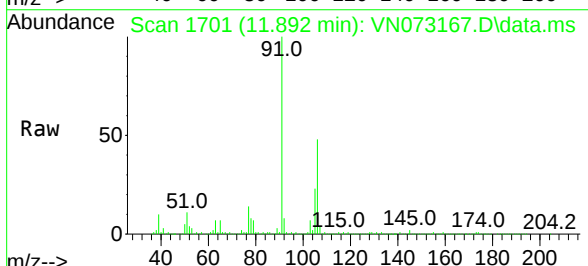
Acq: 27 Jun 2022 17:16

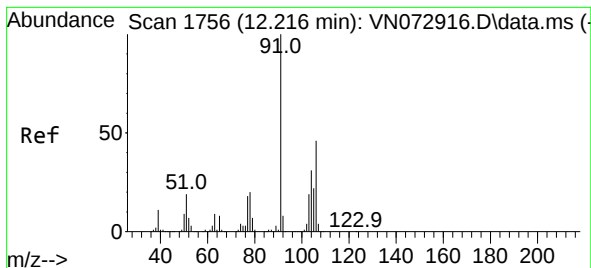
Tgt Ion: 106 Resp: 242298

Ion Ratio Lower Upper

106 100

91 207.6 158.9 238.3





#69

o-Xylene

Concen: 21.363 ug/l

RT: 12.216 min Scan# 1756

Delta R.T. 0.000 min

Lab File: VN073167.D

Acq: 27 Jun 2022 17:16

Instrument :

MSVOA\_N

ClientSampleId :

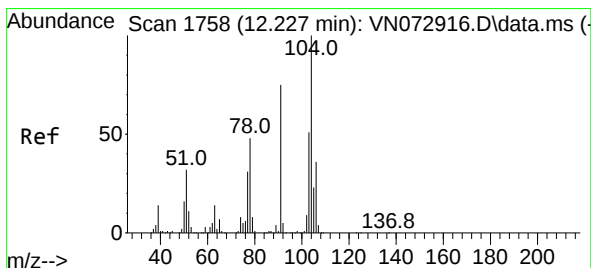
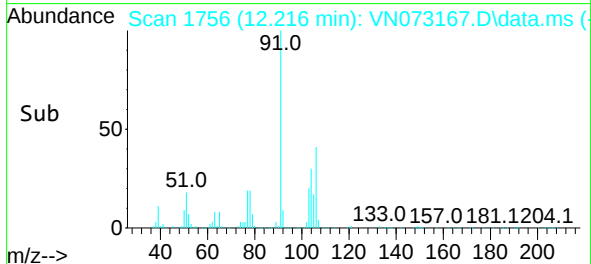
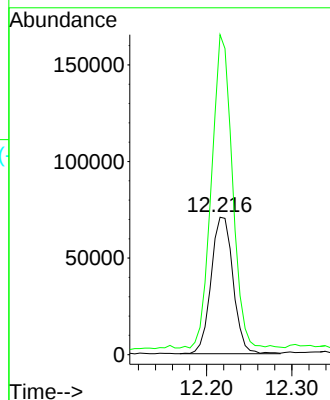
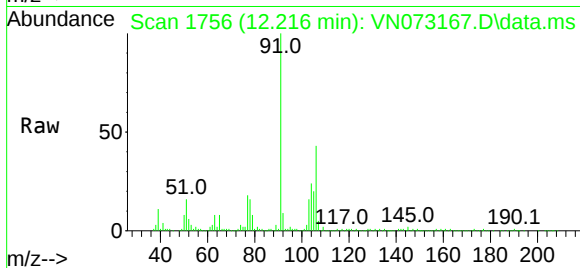
VN0627MBS01

Tgt Ion:106 Resp: 126671

Ion Ratio Lower Upper

106 100

91 217.3 106.0 318.0



#70

Styrene

Concen: 21.337 ug/l

RT: 12.233 min Scan# 1759

Delta R.T. 0.006 min

Lab File: VN073167.D

Acq: 27 Jun 2022 17:16

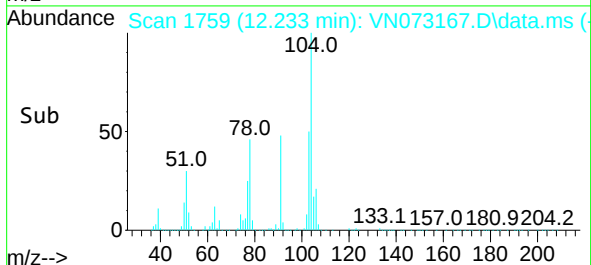
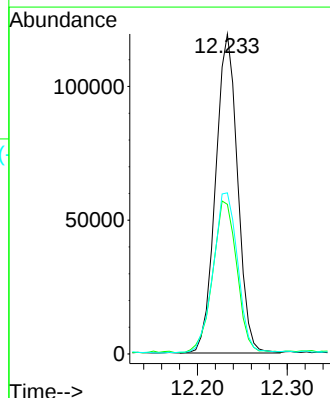
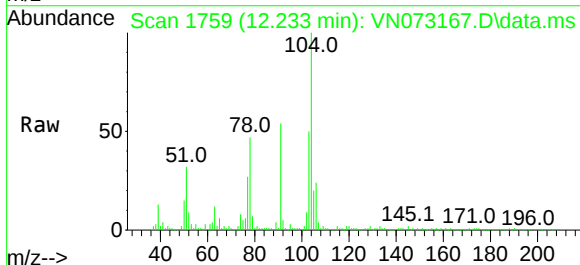
Tgt Ion:104 Resp: 203177

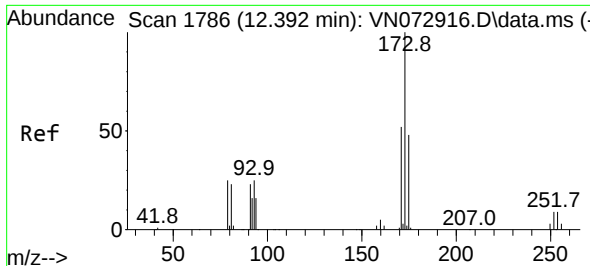
Ion Ratio Lower Upper

104 100

78 52.0 39.5 59.3

103 55.9 44.0 66.0

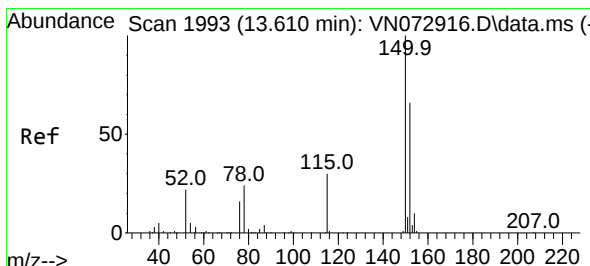
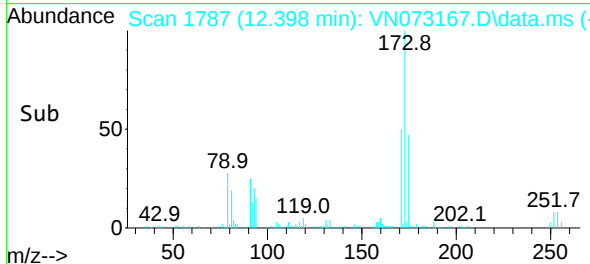
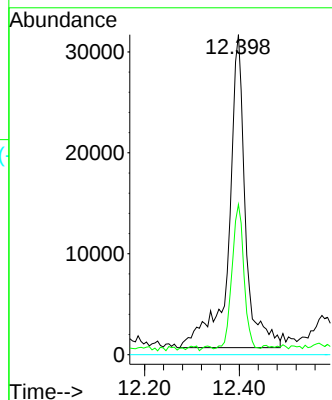
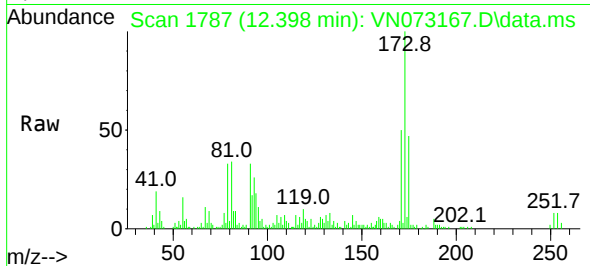




#71  
Bromoform  
Concen: 30.676 ug/l  
RT: 12.398 min Scan# 1786  
Delta R.T. 0.006 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

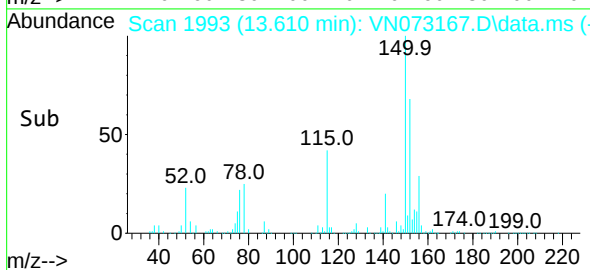
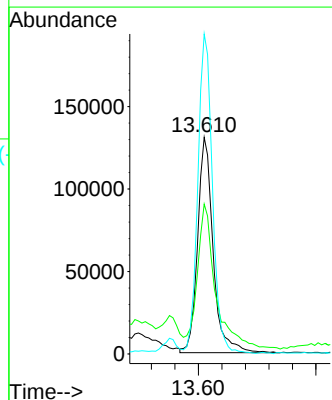
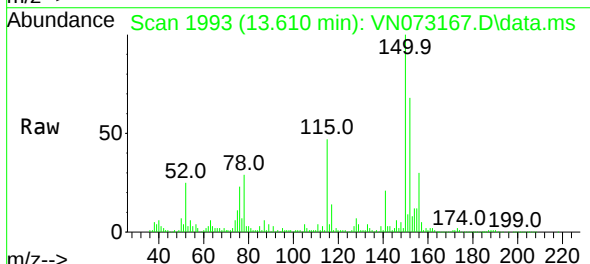
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0627MBS01

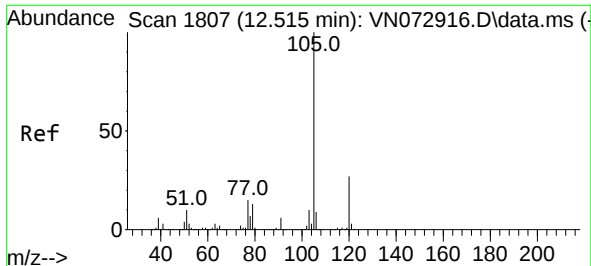
Tgt Ion:173 Resp: 75661  
Ion Ratio Lower Upper  
173 100  
175 33.5 24.6 73.6  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.610 min Scan# 1993  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

Tgt Ion:152 Resp: 239769  
Ion Ratio Lower Upper  
152 100  
115 79.5 28.9 86.7  
150 139.1 0.0 356.2

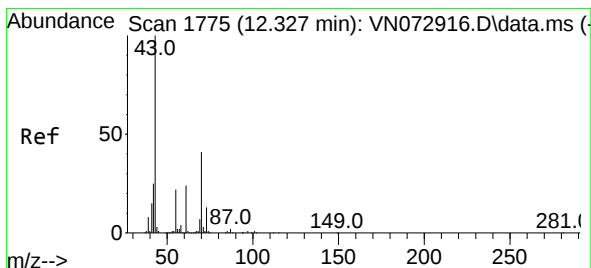
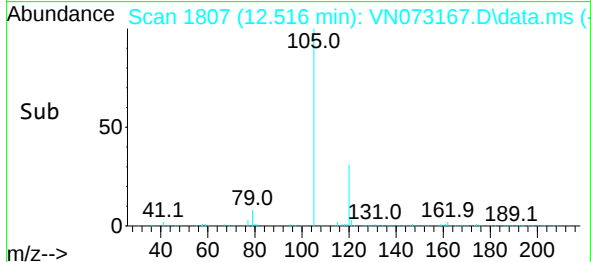
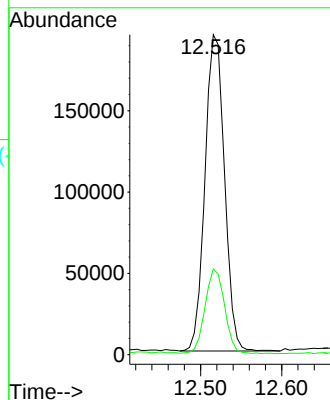
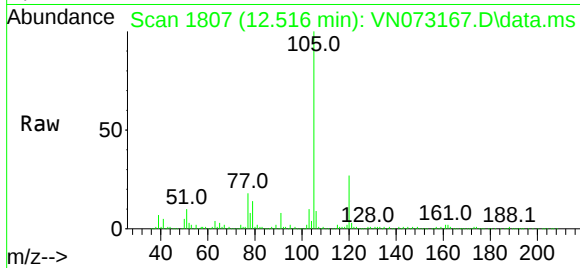




#73  
Isopropylbenzene  
Concen: 17.525 ug/l  
RT: 12.516 min Scan# 1807  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

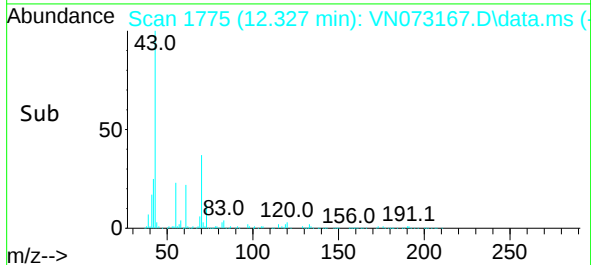
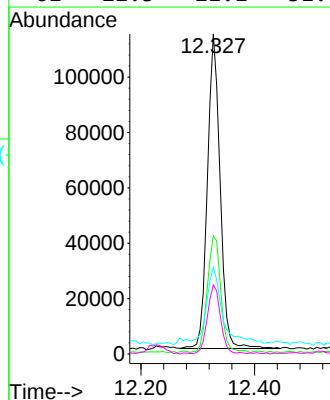
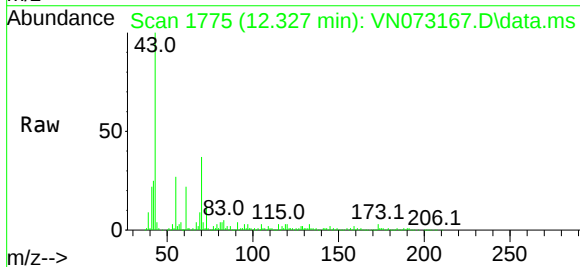
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0627MBS01

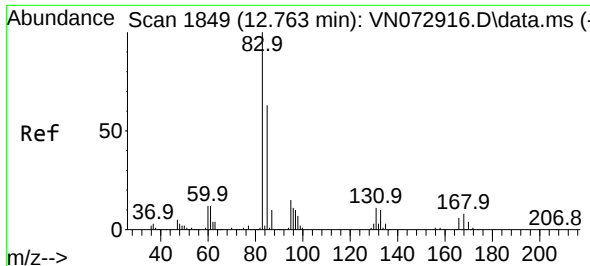
Tgt Ion:105 Resp: 325078  
Ion Ratio Lower Upper  
105 100  
120 26.8 13.5 40.4



#74  
N-ethyl acetate  
Concen: 18.230 ug/l  
RT: 12.327 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

Tgt Ion: 43 Resp: 175482  
Ion Ratio Lower Upper  
43 100  
70 39.4 39.0 58.4  
55 29.5 21.1 31.7  
61 22.3 21.1 31.7

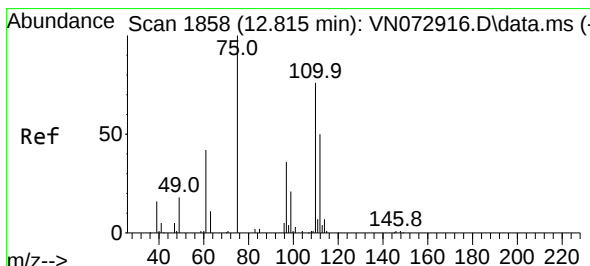
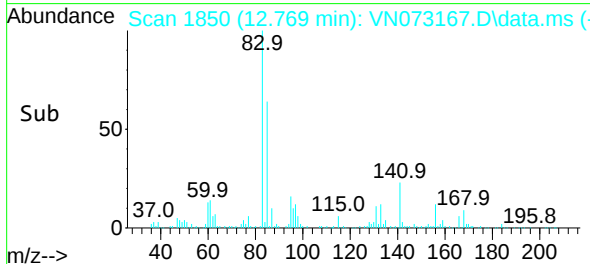
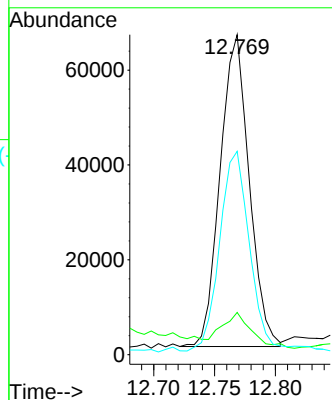
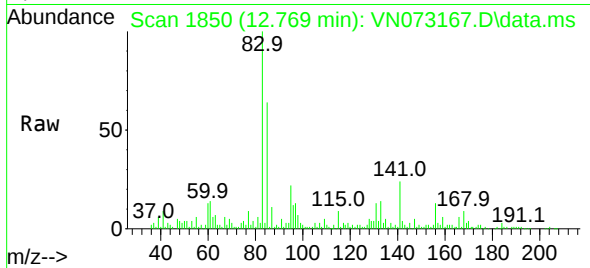




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 16.324 ug/l  
 RT: 12.769 min Scan# 1849  
 Delta R.T. 0.006 min  
 Lab File: VN073167.D  
 Acq: 27 Jun 2022 17:16

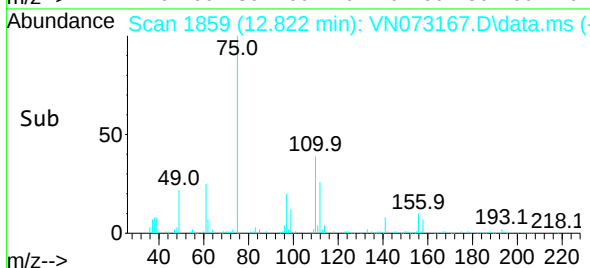
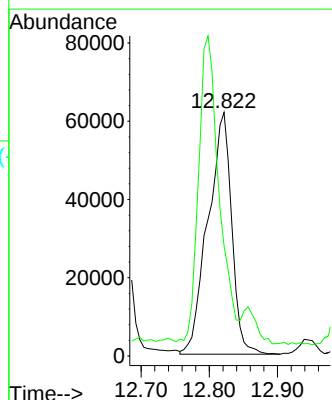
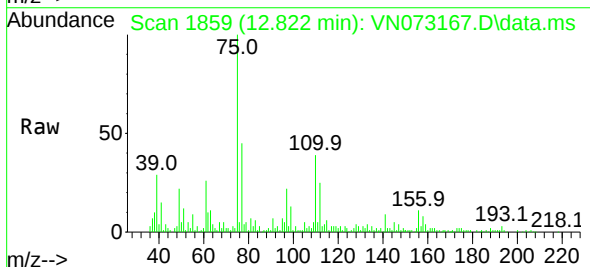
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0627MBS01

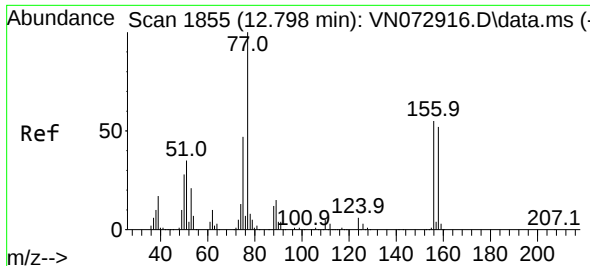
Tgt Ion: 83 Resp: 109050  
 Ion Ratio Lower Upper  
 83 100  
 131 11.8 5.3 15.9  
 85 66.8 32.3 96.9



#76  
 1,2,3-Trichloropropane  
 Concen: 25.774 ug/l  
 RT: 12.822 min Scan# 1859  
 Delta R.T. 0.006 min  
 Lab File: VN073167.D  
 Acq: 27 Jun 2022 17:16

Tgt Ion: 75 Resp: 149828  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 98.5 295.5#

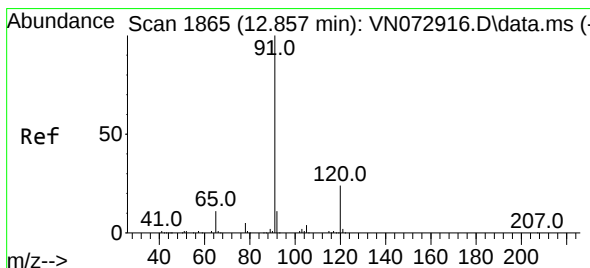
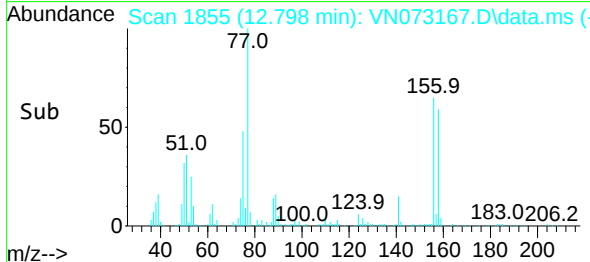
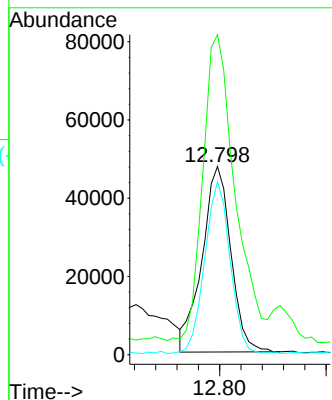
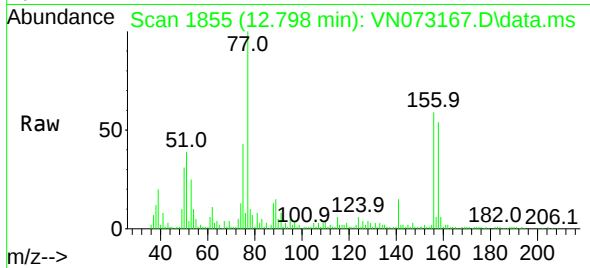




#77  
Bromobenzene  
Concen: 20.042 ug/l  
RT: 12.798 min Scan# 1855  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

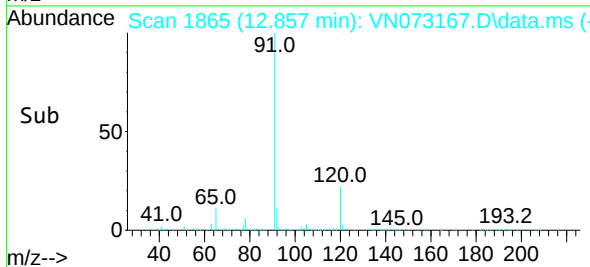
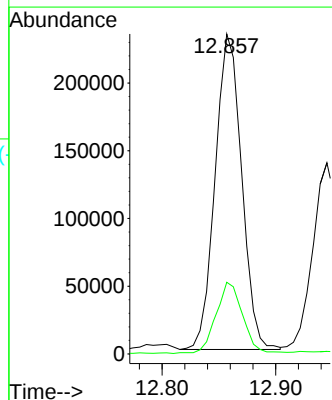
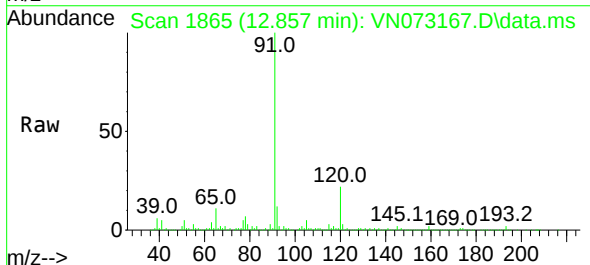
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0627MBS01

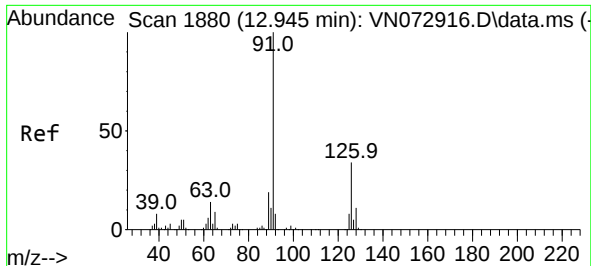
Tgt Ion:156 Resp: 89063  
Ion Ratio Lower Upper  
156 100  
77 184.3 100.5 301.5  
158 82.0 48.9 146.6



#78  
n-propylbenzene  
Concen: 18.505 ug/l  
RT: 12.857 min Scan# 1865  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

Tgt Ion: 91 Resp: 377560  
Ion Ratio Lower Upper  
91 100  
120 22.6 11.9 35.5





#79

2-Chlorotoluene

Concen: 17.299 ug/l

RT: 12.945 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VN073167.D

Acq: 27 Jun 2022 17:16

Instrument :

MSVOA\_N

ClientSampleId :

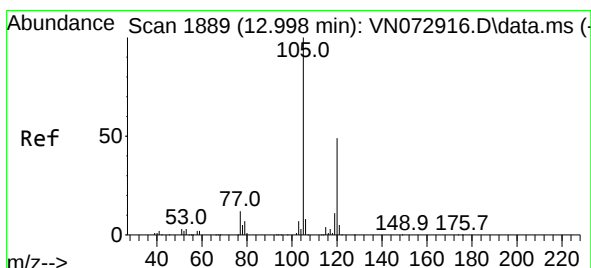
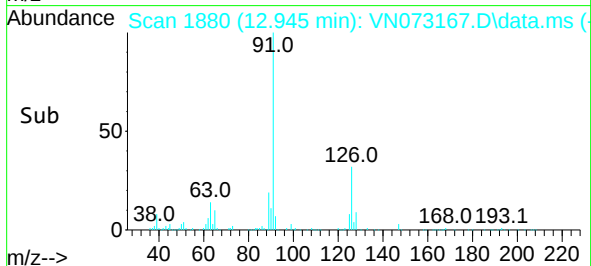
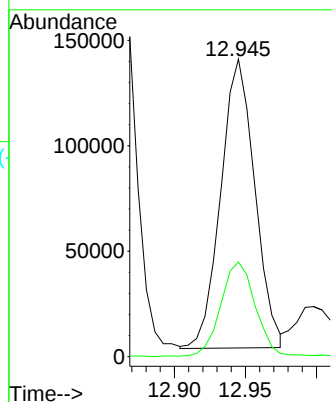
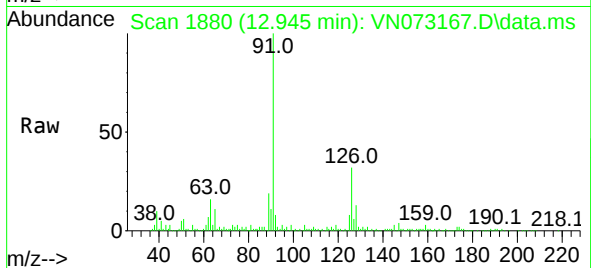
VN0627MBS01

Tgt Ion: 91 Resp: 228555

Ion Ratio Lower Upper

91 100

126 33.6 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 19.684 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VN073167.D

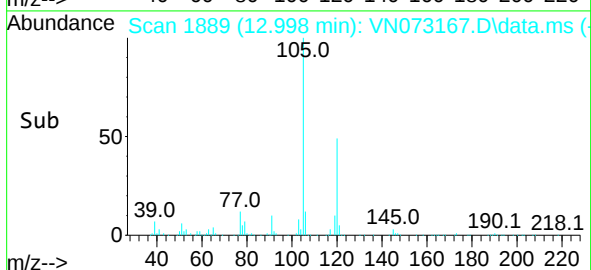
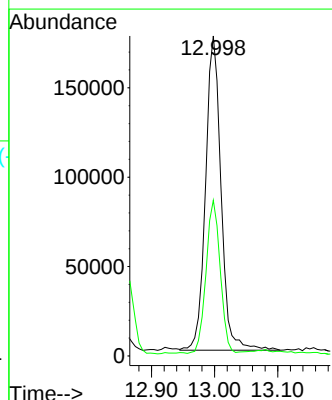
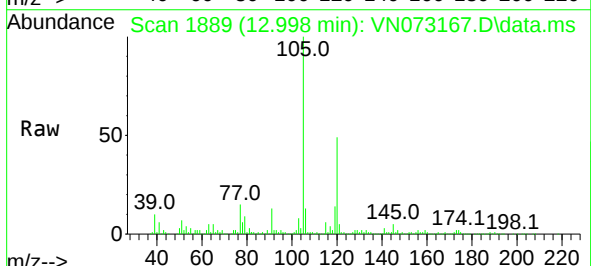
Acq: 27 Jun 2022 17:16

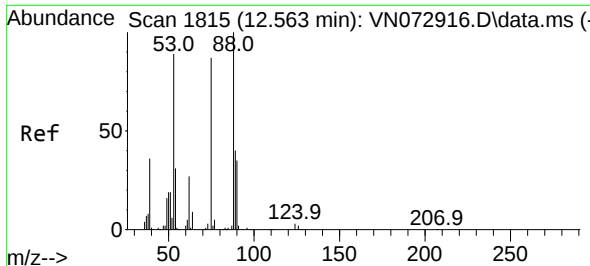
Tgt Ion: 105 Resp: 299919

Ion Ratio Lower Upper

105 100

120 44.3 24.9 74.7

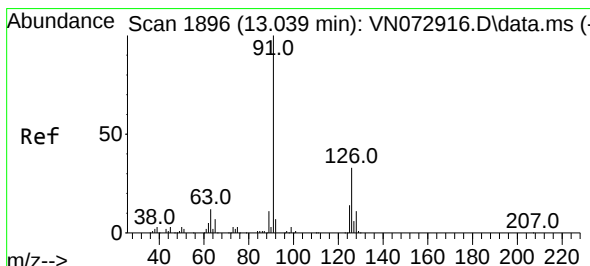
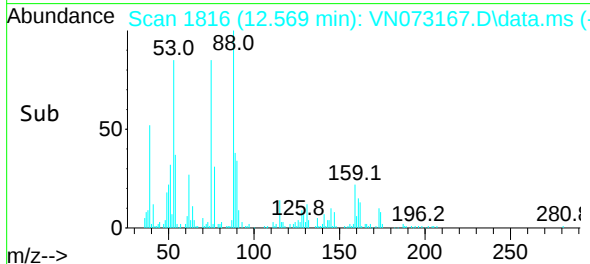
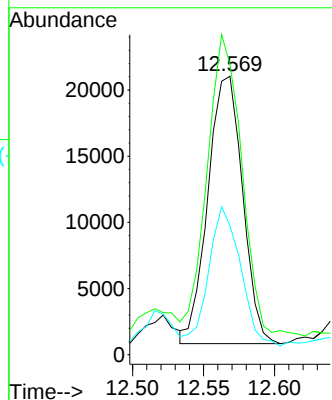
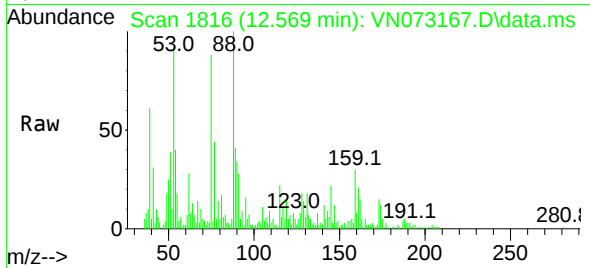




#81  
trans-1,4-Dichloro-2-butene  
Concen: 15.939 ug/l  
RT: 12.569 min Scan# 1815  
Delta R.T. 0.006 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

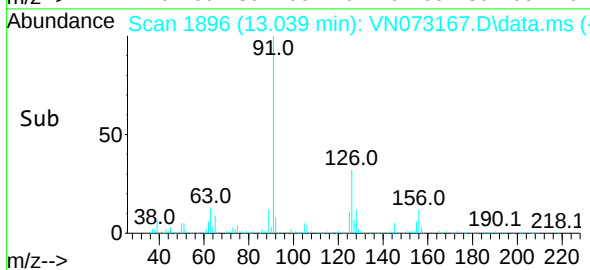
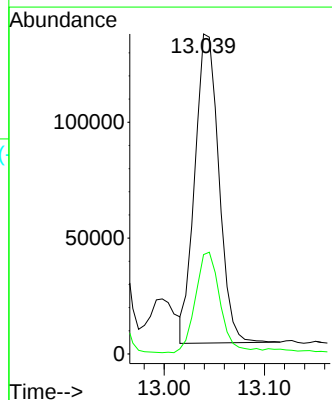
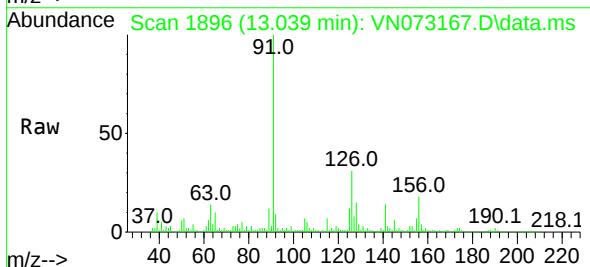
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0627MBS01

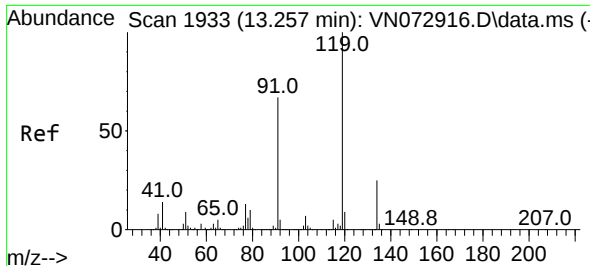
Tgt Ion: 75 Resp: 34310  
Ion Ratio Lower Upper  
75 100  
53 112.2 78.0 117.0  
89 48.3 37.2 55.8



#82  
4-Chlorotoluene  
Concen: 17.795 ug/l  
RT: 13.039 min Scan# 1896  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

Tgt Ion: 91 Resp: 222439  
Ion Ratio Lower Upper  
91 100  
126 33.8 17.2 51.6

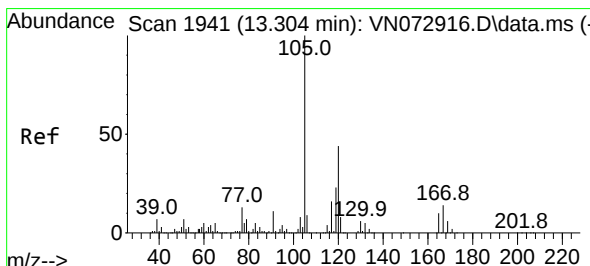
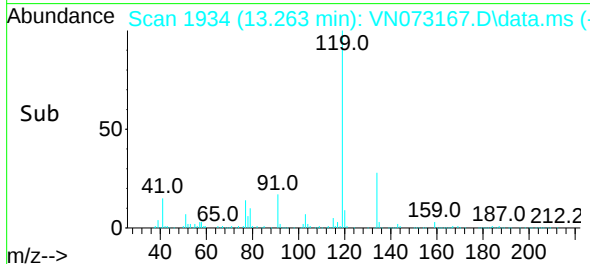
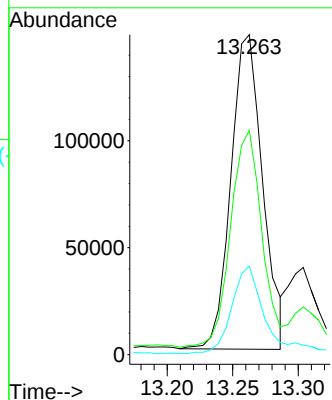
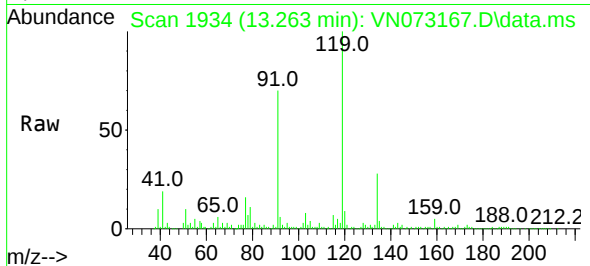




#83  
tert-Butylbenzene  
Concen: 17.796 ug/l  
RT: 13.263 min Scan# 1933  
Delta R.T. 0.006 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

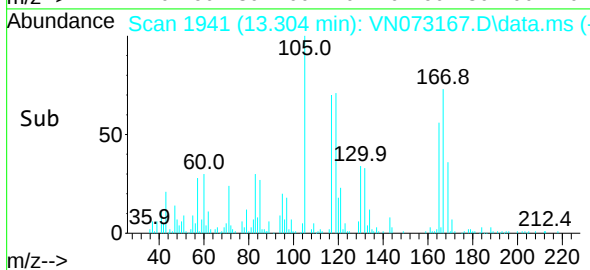
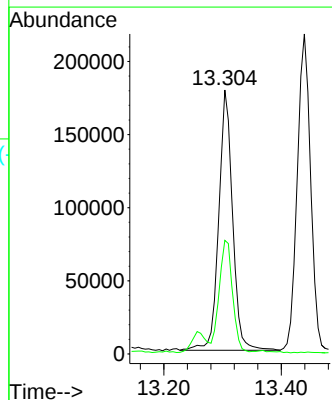
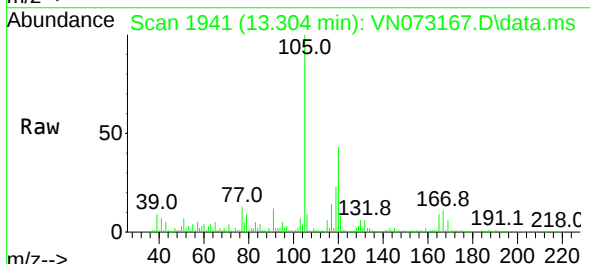
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0627MBS01

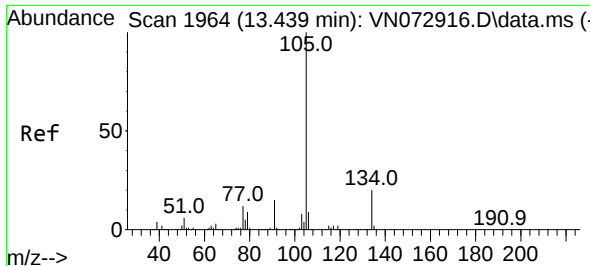
Tgt Ion:119 Resp: 248328  
Ion Ratio Lower Upper  
119 100  
91 67.2 31.6 94.8  
134 29.2 13.7 41.1



#84  
1,2,4-Trimethylbenzene  
Concen: 19.181 ug/l  
RT: 13.304 min Scan# 1941  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

Tgt Ion:105 Resp: 291082  
Ion Ratio Lower Upper  
105 100  
120 41.6 23.3 69.8

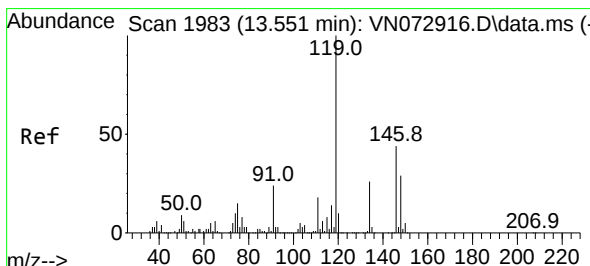
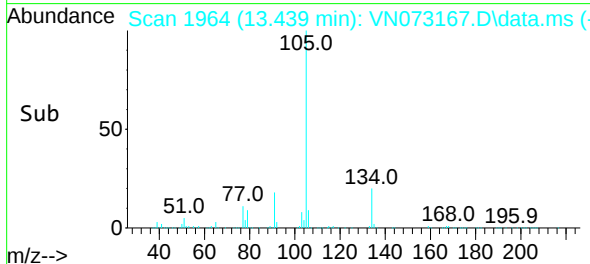
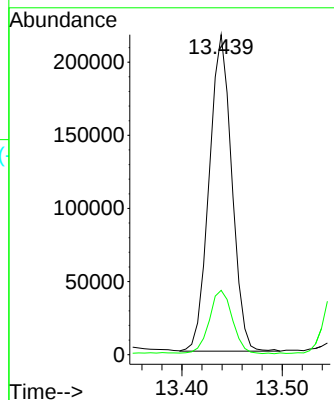
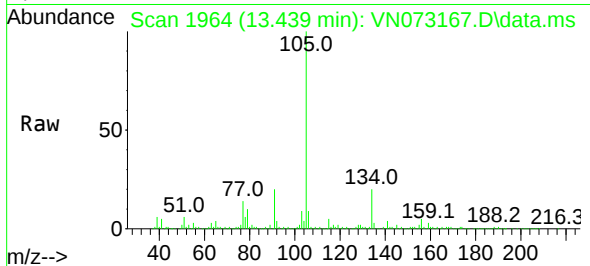




#85  
 sec-Butylbenzene  
 Concen: 18.245 ug/l  
 RT: 13.439 min Scan# 1964  
 Delta R.T. 0.000 min  
 Lab File: VN073167.D  
 Acq: 27 Jun 2022 17:16

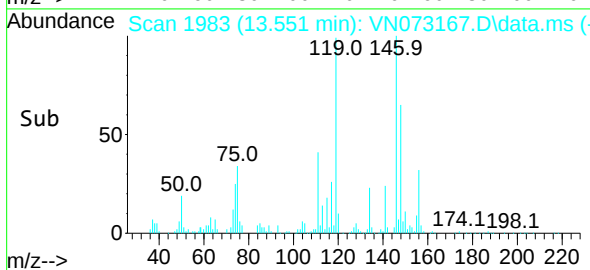
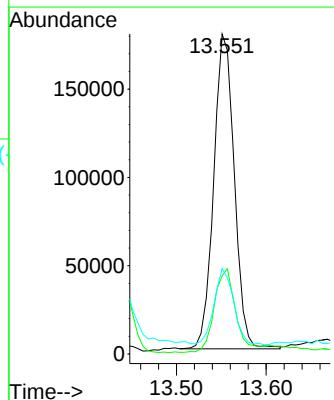
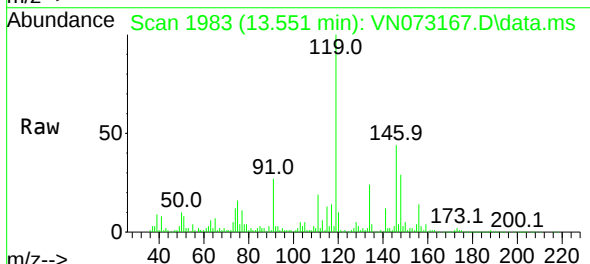
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0627MBS01

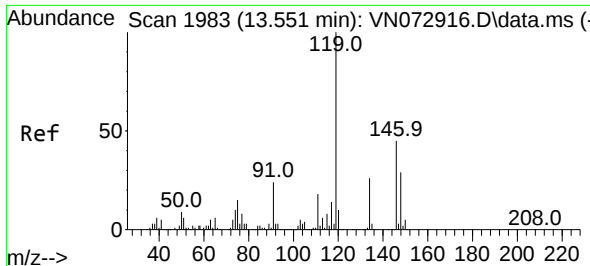
Tgt Ion:105 Resp: 339622  
 Ion Ratio Lower Upper  
 105 100  
 134 20.5 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 18.861 ug/l  
 RT: 13.551 min Scan# 1983  
 Delta R.T. 0.000 min  
 Lab File: VN073167.D  
 Acq: 27 Jun 2022 17:16

Tgt Ion:119 Resp: 284261  
 Ion Ratio Lower Upper  
 119 100  
 134 28.3 13.3 39.8  
 91 23.0 11.3 33.9

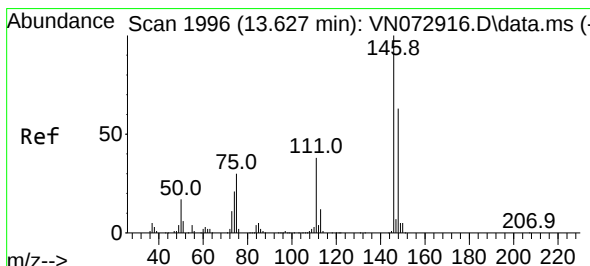
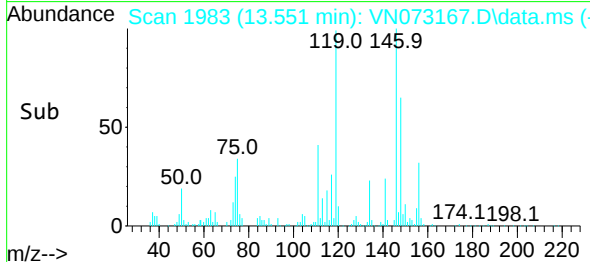
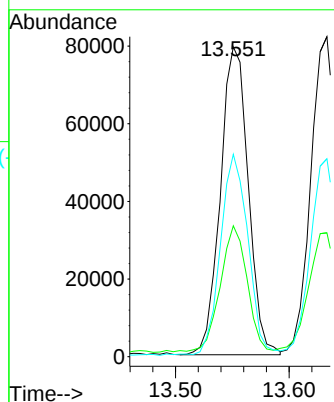
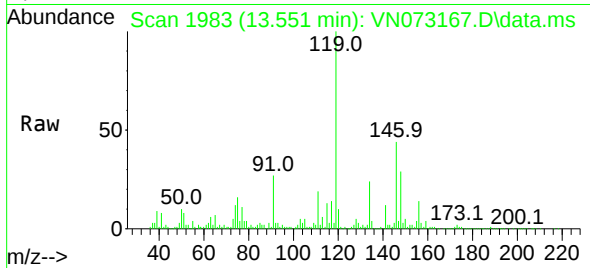




#87  
 1,3-Dichlorobenzene  
 Concen: 17.062 ug/l  
 RT: 13.551 min Scan# 1983  
 Delta R.T. 0.000 min  
 Lab File: VN073167.D  
 Acq: 27 Jun 2022 17:16

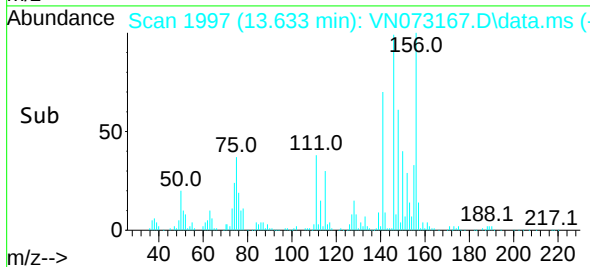
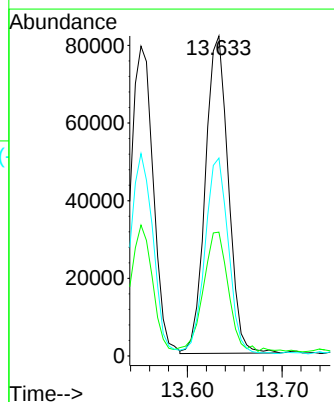
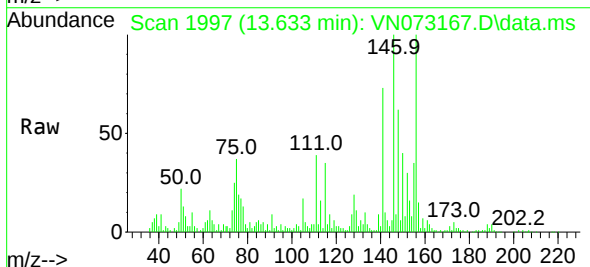
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0627MBS01

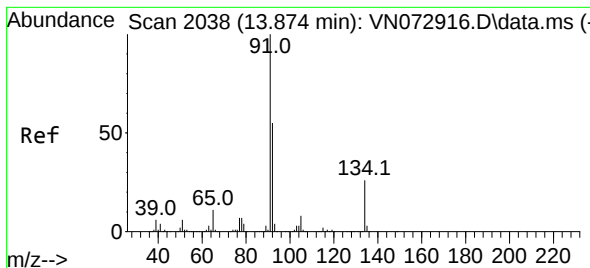
Tgt Ion:146 Resp: 135359  
 Ion Ratio Lower Upper  
 146 100  
 111 39.4 20.0 60.0  
 148 64.8 32.0 96.0



#88  
 1,4-Dichlorobenzene  
 Concen: 17.143 ug/l  
 RT: 13.633 min Scan# 1997  
 Delta R.T. 0.006 min  
 Lab File: VN073167.D  
 Acq: 27 Jun 2022 17:16

Tgt Ion:146 Resp: 137656  
 Ion Ratio Lower Upper  
 146 100  
 111 41.5 19.1 57.1  
 148 62.9 31.4 94.3





#89

n-Butylbenzene

Concen: 19.233 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VN073167.D

Acq: 27 Jun 2022 17:16

Instrument :

MSVOA\_N

ClientSampleId :

VN0627MBS01

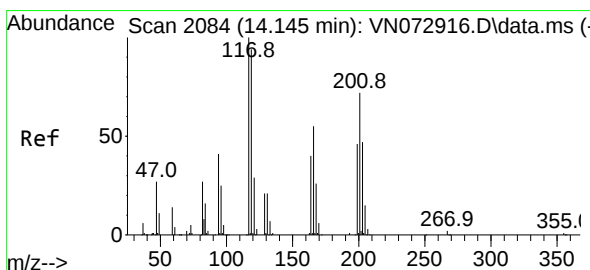
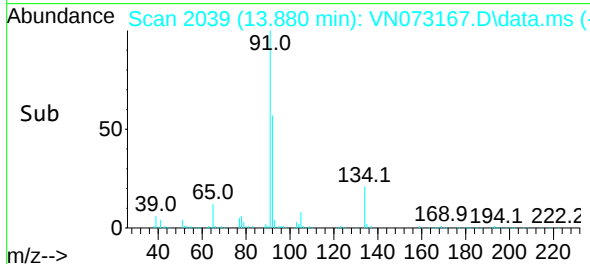
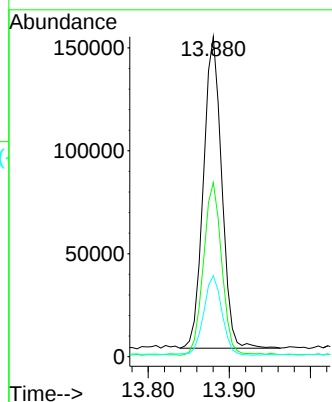
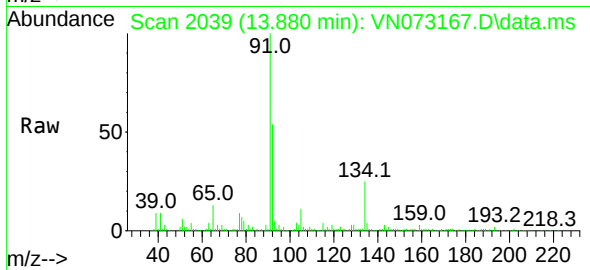
Tgt Ion: 91 Resp: 236690

Ion Ratio Lower Upper

91 100

92 55.3 26.9 80.7

134 25.9 13.6 40.8



#90

Hexachloroethane

Concen: 16.419 ug/l

RT: 14.145 min Scan# 2084

Delta R.T. 0.000 min

Lab File: VN073167.D

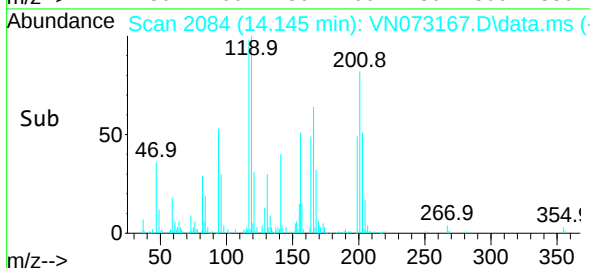
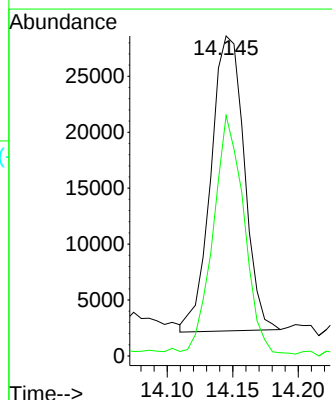
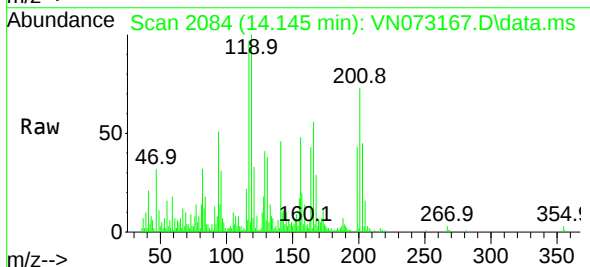
Acq: 27 Jun 2022 17:16

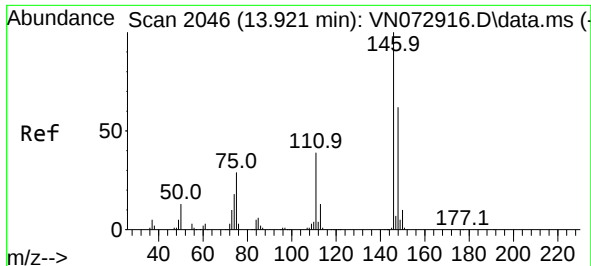
Tgt Ion: 117 Resp: 46651

Ion Ratio Lower Upper

117 100

201 74.9 40.6 122.0

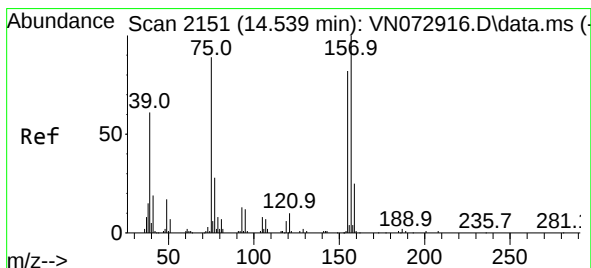
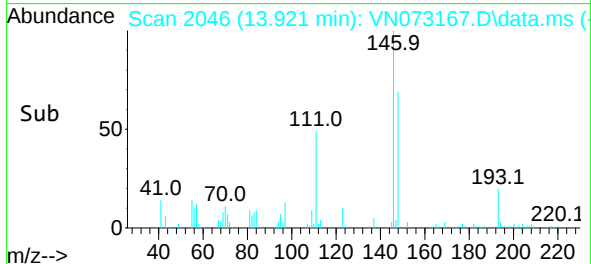
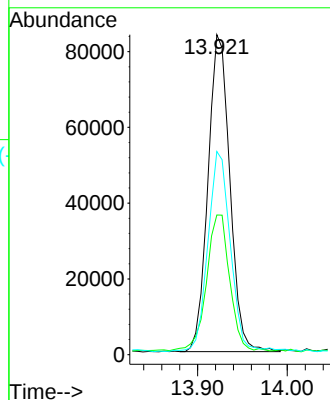
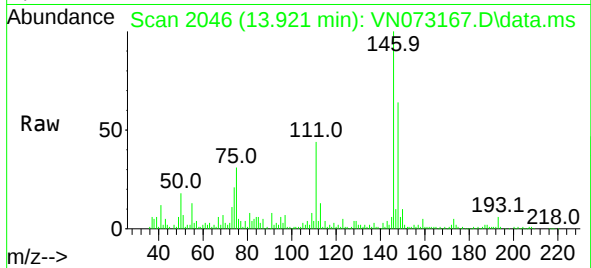




#91  
1,2-Dichlorobenzene  
Concen: 17.107 ug/l  
RT: 13.921 min Scan# 2046  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

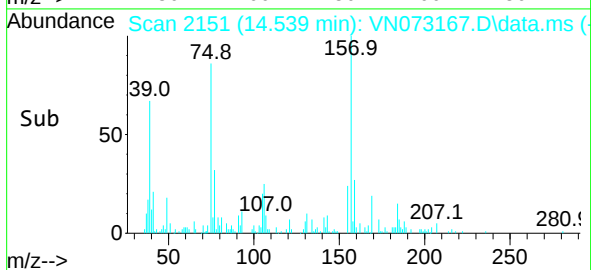
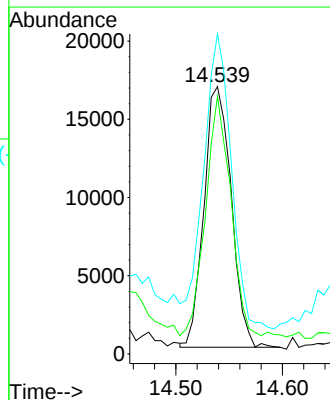
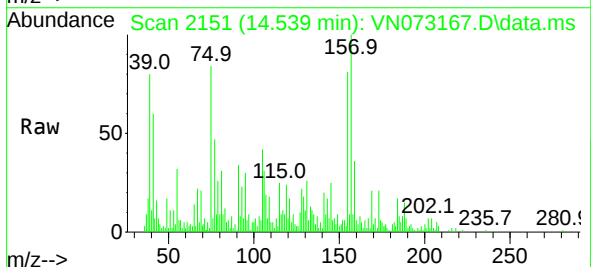
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0627MBS01

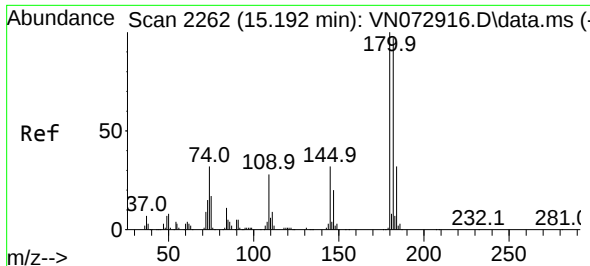
Tgt Ion:146 Resp: 141540  
Ion Ratio Lower Upper  
146 100  
111 45.9 20.9 62.8  
148 65.6 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 17.541 ug/l  
RT: 14.539 min Scan# 2151  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

Tgt Ion: 75 Resp: 29640  
Ion Ratio Lower Upper  
75 100  
155 85.1 44.9 134.5  
157 115.3 59.0 176.8

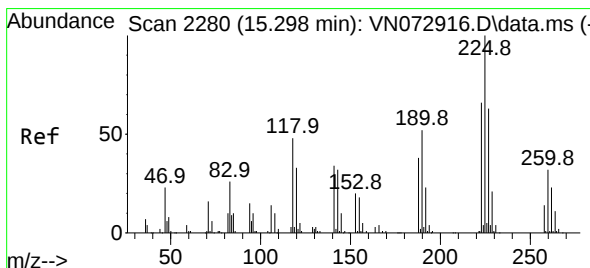
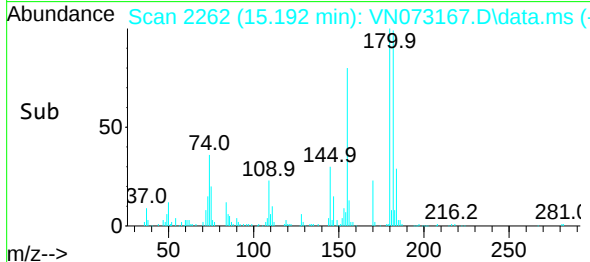
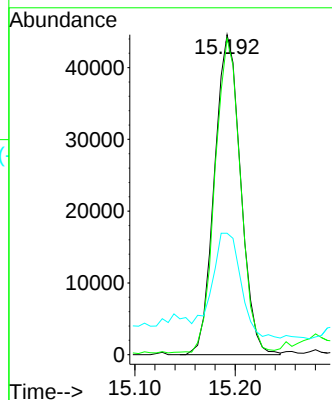
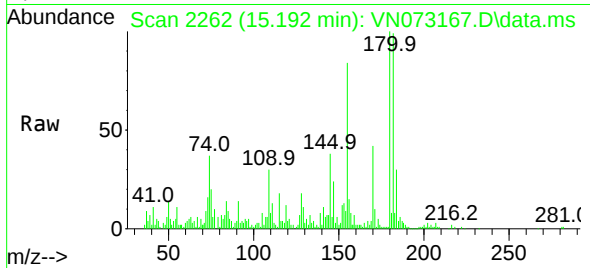




#93  
1,2,4-Trichlorobenzene  
Concen: 17.614 ug/l  
RT: 15.192 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

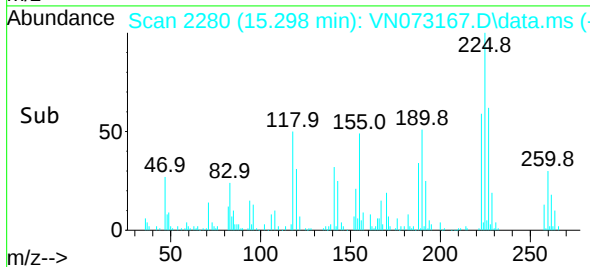
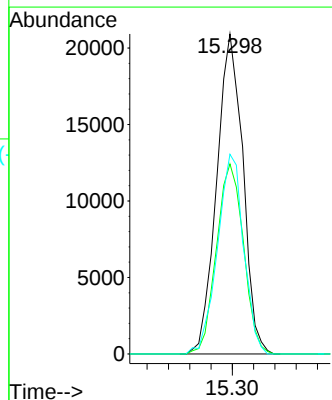
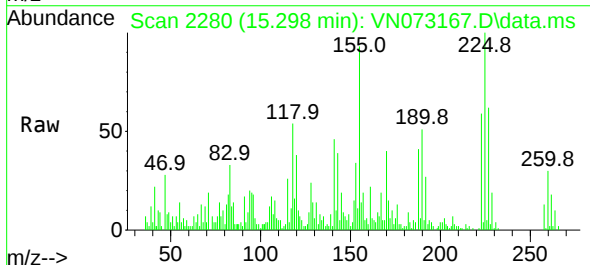
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0627MBS01

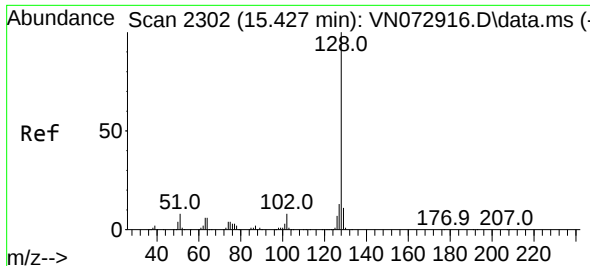
Tgt Ion:180 Resp: 80652  
Ion Ratio Lower Upper  
180 100  
182 95.3 47.5 142.5  
145 36.5 14.5 43.5



#94  
Hexachlorobutadiene  
Concen: 17.930 ug/l  
RT: 15.298 min Scan# 2280  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

Tgt Ion:225 Resp: 35726  
Ion Ratio Lower Upper  
225 100  
223 61.2 32.4 97.2  
227 62.2 31.8 95.4

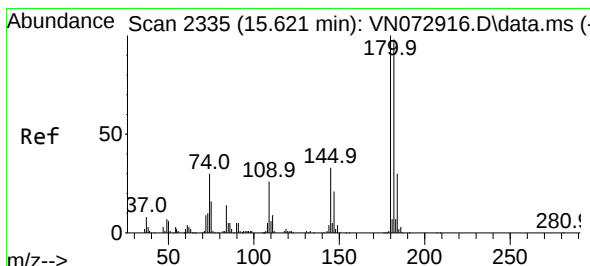
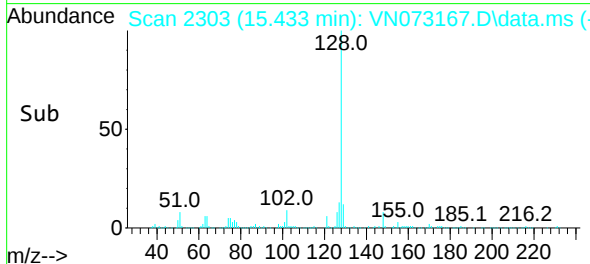
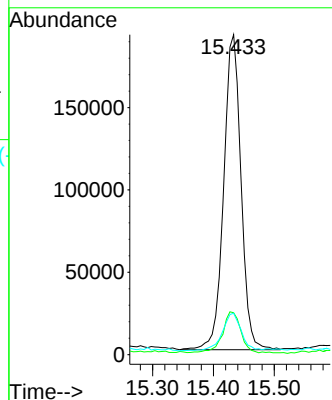
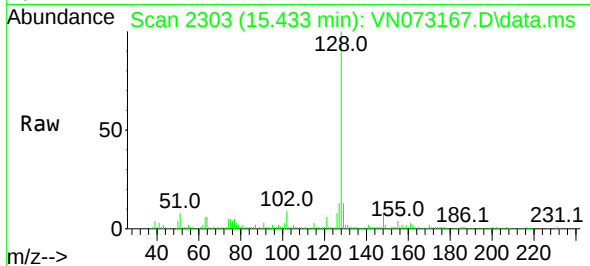




#95  
Naphthalene  
Concen: 20.402 ug/l  
RT: 15.433 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0627MBS01

Tgt Ion:128 Resp: 377908  
Ion Ratio Lower Upper  
128 100  
127 13.6 10.3 15.5  
129 13.2 8.6 13.0#



#96  
1,2,3-Trichlorobenzene  
Concen: 17.468 ug/l  
RT: 15.621 min Scan# 2335  
Delta R.T. 0.000 min  
Lab File: VN073167.D  
Acq: 27 Jun 2022 17:16

Tgt Ion:180 Resp: 85407  
Ion Ratio Lower Upper  
180 100  
182 96.1 47.8 143.3  
145 44.3 15.5 46.5

