

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052821\  
 Data File : VN067179.D  
 Acq On : 28 May 2021 13:07  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: May 29 02:18:36 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N052121W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 21 17:24:08 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.578  | 168  | 241424   | 50.00 | ug/l  | #-0.02   |
| 34) 1,4-Difluorobenzene    | 8.509  | 114  | 441194   | 50.00 | ug/l  | -0.02    |
| 63) Chlorobenzene-d5       | 11.341 | 117  | 392241   | 50.00 | ug/l  | -0.02    |
| 72) 1,4-Dichlorobenzene-d4 | 13.283 | 152  | 171262   | 50.00 | ug/l  | -0.01    |

|                             |        |       |          |          |           |       |
|-----------------------------|--------|-------|----------|----------|-----------|-------|
| System Monitoring Compounds |        |       |          |          |           |       |
| 33) 1,2-Dichloroethane-d4   | 7.940  | 65    | 187759   | 50.11    | ug/l      | -0.02 |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 100.22% |       |
| 35) Dibromofluoromethane    | 7.500  | 113   | 142824   | 52.75    | ug/l      | -0.02 |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 105.50% |       |
| 50) Toluene-d8              | 10.021 | 98    | 547795   | 52.57    | ug/l      | -0.01 |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 105.14% |       |
| 62) 4-Bromofluorobenzene    | 12.339 | 95    | 200515   | 56.29    | ug/l      | -0.02 |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 112.58% |       |

|                              |       |     |         |        |        |     |
|------------------------------|-------|-----|---------|--------|--------|-----|
| Target Compounds             |       |     |         |        | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.831 | 85  | 177495  | 57.52  | ug/l   | 100 |
| 3) Chloromethane             | 2.027 | 50  | 211659  | 48.95  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.155 | 62  | 202396  | 54.52  | ug/l   | 97  |
| 5) Bromomethane              | 2.520 | 94  | 68264   | 33.97  | ug/l   | 98  |
| 6) Chloroethane              | 2.654 | 64  | 112097  | 56.36  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 2.963 | 101 | 250378  | 56.65  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.346 | 74  | 112447  | 55.04  | ug/l   | 75  |
| 9) 1,1,2-Trichlorotrifluo... | 3.687 | 101 | 164081  | 58.65  | ug/l   | 87  |
| 10) Methyl Iodide            | 3.877 | 142 | 187650  | 45.59  | ug/l   | 93  |
| 11) Tert butyl alcohol       | 4.719 | 59  | 136871  | 173.39 | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 3.663 | 96  | 162428  | 56.02  | ug/l   | 87  |
| 13) Acrolein                 | 3.539 | 56  | 101807  | 155.16 | ug/l   | 96  |
| 14) Allyl chloride           | 4.234 | 41  | 342145  | 53.69  | ug/l # | 93  |
| 15) Acrylonitrile            | 4.883 | 53  | 402169  | 247.78 | ug/l   | 98  |
| 16) Acetone                  | 3.748 | 43  | 555543  | 360.72 | ug/l   | 95  |
| 17) Carbon Disulfide         | 3.976 | 76  | 499816  | 56.10  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.239 | 43  | 223095  | 51.90  | ug/l # | 89  |
| 19) Methyl tert-butyl Ether  | 4.936 | 73  | 524364  | 54.33  | ug/l   | 95  |
| 20) Methylene Chloride       | 4.459 | 84  | 189654  | 50.10  | ug/l # | 89  |
| 21) trans-1,2-Dichloroethene | 4.936 | 96  | 178392  | 56.41  | ug/l   | 89  |
| 22) Diisopropyl ether        | 5.848 | 45  | 597993  | 54.31  | ug/l # | 94  |
| 23) Vinyl Acetate            | 5.789 | 43  | 2630133 | 260.12 | ug/l # | 93  |
| 24) 1,1-Dichloroethane       | 5.741 | 63  | 350749  | 55.03  | ug/l   | 98  |
| 25) 2-Butanone               | 6.733 | 43  | 679716  | 277.64 | ug/l # | 87  |
| 26) 2,2-Dichloropropane      | 6.723 | 77  | 303002  | 55.96  | ug/l   | 97  |
| 27) cis-1,2-Dichloroethene   | 6.725 | 96  | 204865  | 55.74  | ug/l   | 88  |
| 28) Bromochloromethane       | 7.098 | 49  | 156628  | 50.75  | ug/l # | 70  |
| 29) Tetrahydrofuran          | 7.117 | 42  | 361025  | 227.31 | ug/l # | 85  |
| 30) Chloroform               | 7.278 | 83  | 337596  | 54.32  | ug/l   | 99  |
| 31) Cyclohexane              | 7.565 | 56  | 301591  | 52.01  | ug/l   | 89  |
| 32) 1,1,1-Trichloroethane    | 7.482 | 97  | 285394  | 53.64  | ug/l   | 96  |
| 36) 1,1-Dichloropropene      | 7.704 | 75  | 256721  | 57.55  | ug/l   | 96  |
| 37) Ethyl Acetate            | 6.830 | 43  | 255674  | 52.00  | ug/l   | 95  |
| 38) Carbon Tetrachloride     | 7.688 | 117 | 226830  | 52.20  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.005 | 83  | 291718  | 59.51  | ug/l   | 91  |
| 40) Benzene                  | 7.959 | 78  | 777838  | 57.04  | ug/l   | 100 |

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 Sample : VSTDCCC050  
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: May 29 02:18:36 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N052121W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 21 17:24:08 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.071  | 41   | 125655   | 53.30  | ug/l # | 83       |
| 42) 1,2-Dichloroethane        | 8.039  | 62   | 257192   | 55.41  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.082  | 43   | 435876   | 51.09  | ug/l # | 86       |
| 44) Trichloroethene           | 8.761  | 130  | 182038   | 59.64  | ug/l   | 84       |
| 45) 1,2-Dichloropropane       | 9.043  | 63   | 209606   | 56.32  | ug/l   | 99       |
| 46) Dibromomethane            | 9.136  | 93   | 124543   | 54.66  | ug/l # | 82       |
| 47) Bromodichloromethane      | 9.330  | 83   | 257978   | 54.43  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.128  | 41   | 191827   | 50.60  | ug/l   | 88       |
| 49) 1,4-Dioxane               | 9.142  | 88   | 46225    | 860.91 | ug/l   | 89       |
| 51) 4-Methyl-2-Pentanone      | 9.914  | 43   | 1200204  | 253.98 | ug/l   | 92       |
| 52) Toluene                   | 10.086 | 92   | 470244   | 57.23  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.316 | 75   | 288303   | 57.13  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.769  | 75   | 326647   | 57.73  | ug/l # | 89       |
| 55) 1,1,2-Trichloroethane     | 10.493 | 97   | 178273   | 56.17  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.365 | 69   | 271451   | 48.48  | ug/l # | 84       |
| 57) 1,3-Dichloropropane       | 10.638 | 76   | 309673   | 56.17  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.625  | 63   | 293905   | 335.99 | ug/l   | 91       |
| 59) 2-Hexanone                | 10.687 | 43   | 854951   | 239.51 | ug/l   | 91       |
| 60) Dibromochloromethane      | 10.837 | 129  | 173448   | 52.75  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 10.939 | 107  | 174173   | 55.57  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.563 | 164  | 145981   | 54.49  | ug/l   | 93       |
| 65) Chlorobenzene             | 11.368 | 112  | 459140   | 57.32  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.443 | 131  | 166085   | 54.51  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.446 | 91   | 883445   | 58.83  | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.558 | 106  | 657967   | 123.78 | ug/l   | 90       |
| 69) o-Xylene                  | 11.885 | 106  | 318616   | 58.22  | ug/l   | 89       |
| 70) Styrene                   | 11.902 | 104  | 524981   | 55.02  | ug/l   | 95       |
| 71) Bromoform                 | 12.065 | 173  | 106189   | 52.36  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.188 | 105  | 849611   | 50.70  | ug/l   | 96       |
| 74) N-amyl acetate            | 12.014 | 43   | 227313   | 71.85  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.443 | 83   | 244360   | 43.79  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.492 | 75   | 300236   | 62.97  | ug/l # | 100      |
| 77) Bromobenzene              | 12.462 | 156  | 177611   | 52.20  | ug/l   | 73       |
| 78) n-propylbenzene           | 12.529 | 91   | 1008234  | 56.03  | ug/l   | 94       |
| 79) 2-Chlorotoluene           | 12.612 | 91   | 590606   | 50.71  | ug/l   | 92       |
| 80) 1,3,5-Trimethylbenzene    | 12.671 | 105  | 717722   | 51.91  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.239 | 75   | 69038    | 43.67  | ug/l   | 90       |
| 82) 4-Chlorotoluene           | 12.711 | 91   | 594274   | 56.91  | ug/l   | 92       |
| 83) tert-Butylbenzene         | 12.931 | 119  | 591348   | 47.70  | ug/l   | 91       |
| 84) 1,2,4-Trimethylbenzene    | 12.980 | 105  | 701606   | 56.07  | ug/l   | 95       |
| 85) sec-Butylbenzene          | 13.108 | 105  | 862468   | 55.48  | ug/l   | 95       |
| 86) p-Isopropyltoluene        | 13.226 | 119  | 727742   | 59.91  | ug/l   | 95       |
| 87) 1,3-Dichlorobenzene       | 13.221 | 146  | 330561   | 58.39  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.302 | 146  | 339602   | 56.30  | ug/l   | 96       |
| 89) n-Butylbenzene            | 13.554 | 91   | 689910   | 68.53  | ug/l   | 96       |
| 90) Hexachloroethane          | 13.811 | 117  | 110507   | 44.30  | ug/l   | 72       |
| 91) 1,2-Dichlorobenzene       | 13.594 | 146  | 327145   | 60.62  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.211 | 75   | 43748    | 47.08  | ug/l   | 71       |
| 93) 1,2,4-Trichlorobenzene    | 14.849 | 180  | 178815   | 60.04  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 14.946 | 225  | 89681    | 60.09  | ug/l   | 98       |
| 95) Naphthalene               | 15.066 | 128  | 467668   | 53.53  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.246 | 180  | 163833   | 66.80  | ug/l   | 96       |

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ALS Vial : 2 Sample Multiplier: 1

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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N052121W.M  
Quant Title : SW846 8260  
QLast Update : Fri May 21 17:24:08 2021  
Response via : Initial Calibration

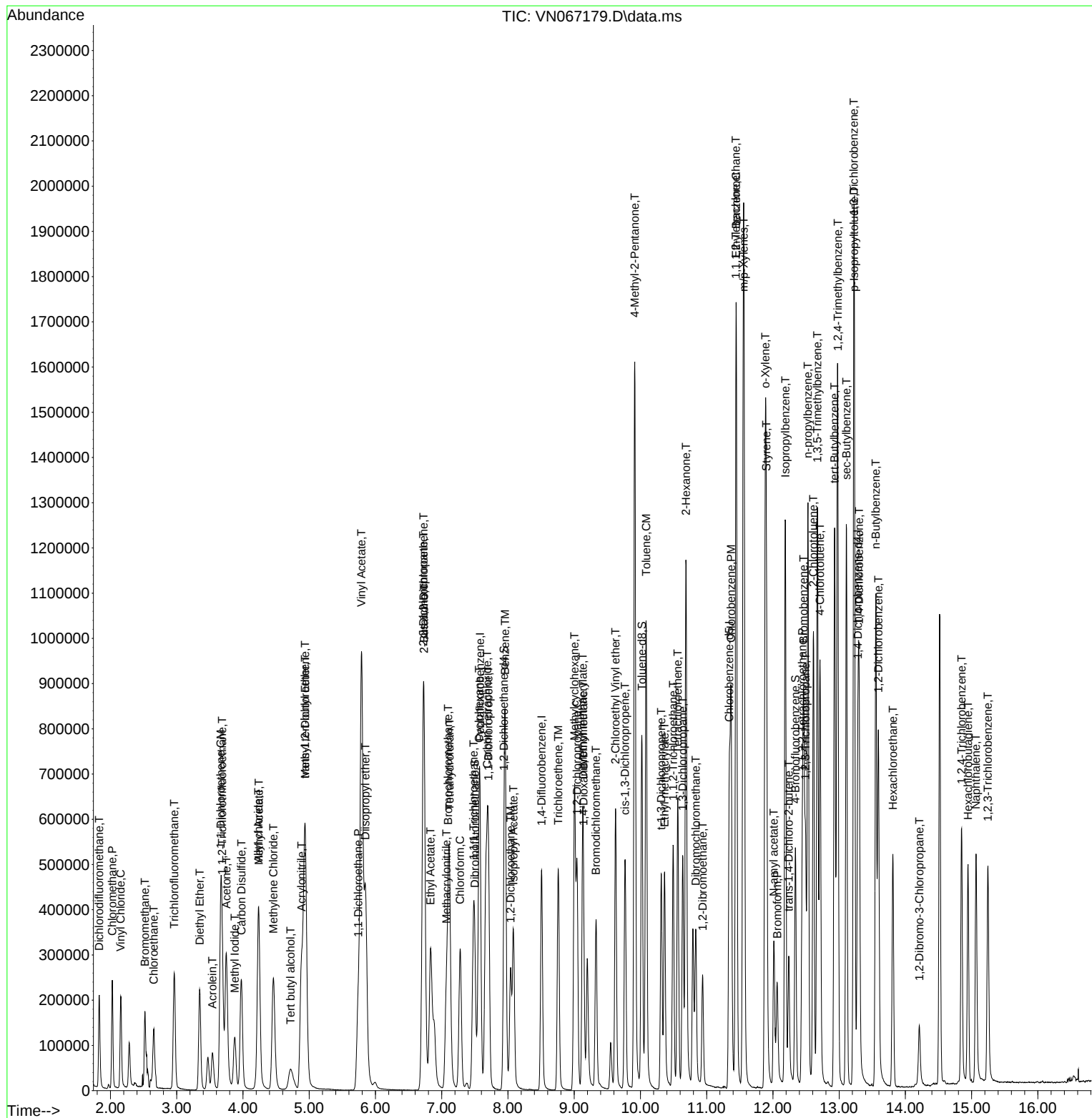
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

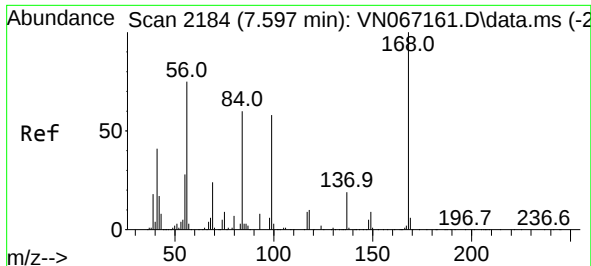
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MSVOA\_N  
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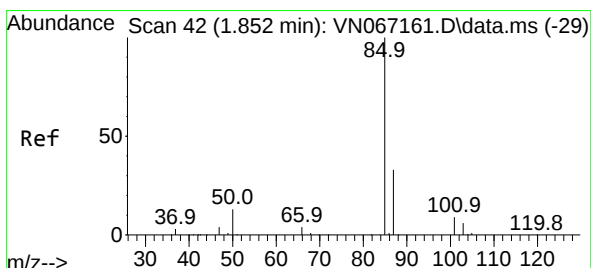
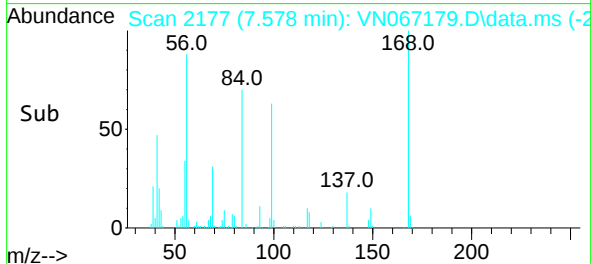
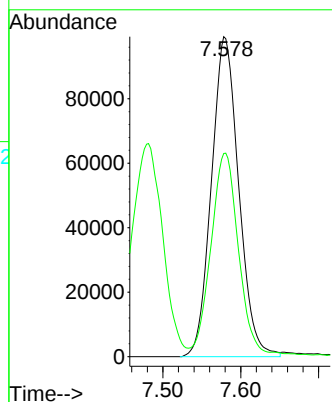
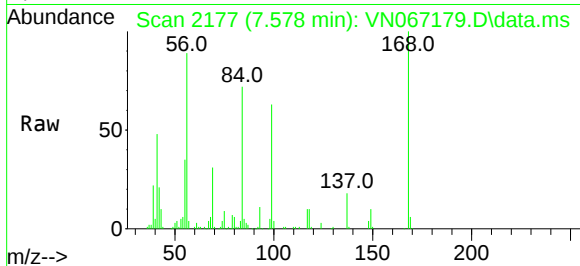




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.578 min Scan# 2177  
Delta R.T. -0.019 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

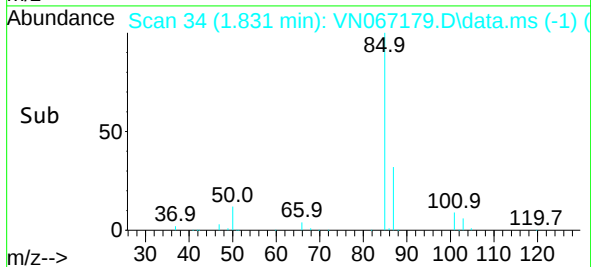
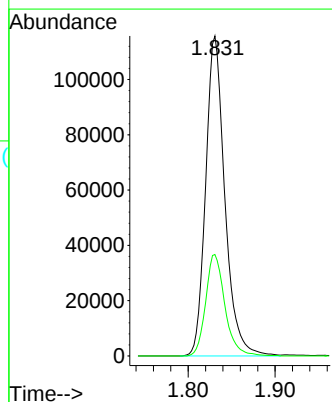
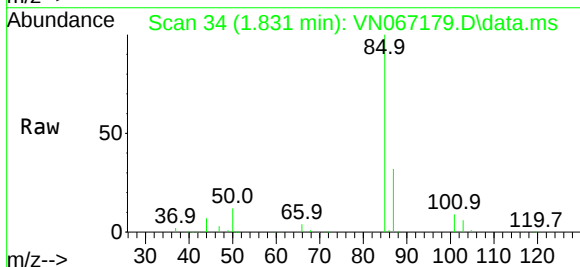
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

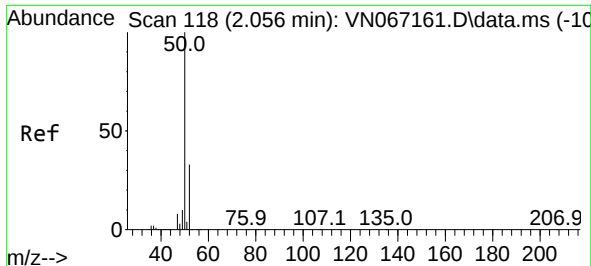
Tgt Ion:168 Resp: 241424  
Ion Ratio Lower Upper  
168 100  
99 62.3 38.5 57.7#



#2  
Dichlorodifluoromethane  
Concen: 57.52 ug/l  
RT: 1.831 min Scan# 34  
Delta R.T. -0.021 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Tgt Ion: 85 Resp: 177495  
Ion Ratio Lower Upper  
85 100  
87 31.7 15.8 47.4

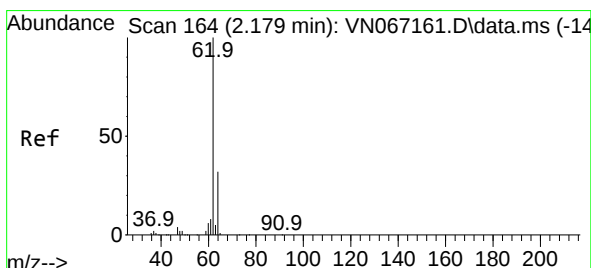
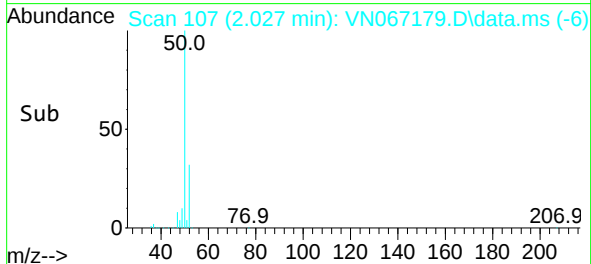
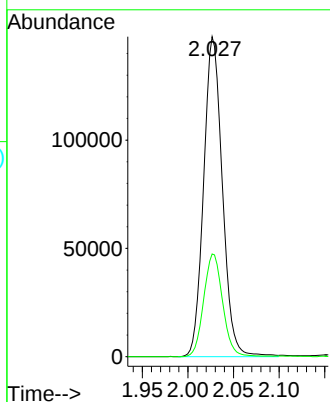
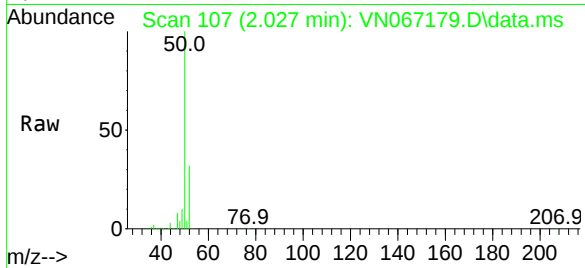




#3  
Chloromethane  
Concen: 48.95 ug/l  
RT: 2.027 min Scan# 107  
Delta R.T. -0.029 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

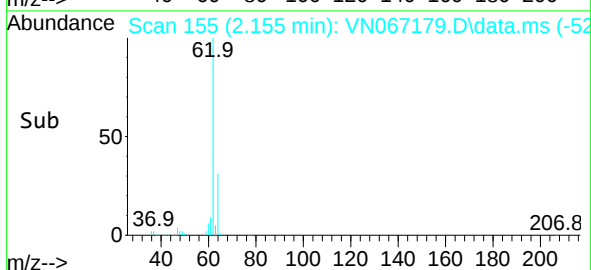
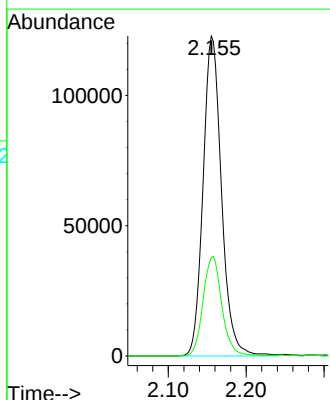
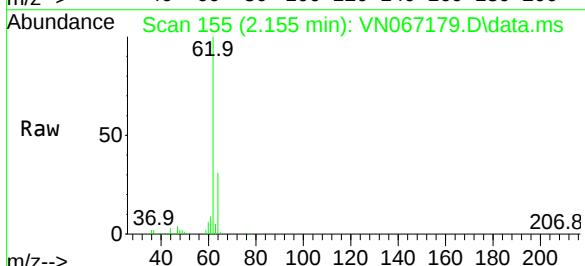
Instrument :  
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VSTDCCC050

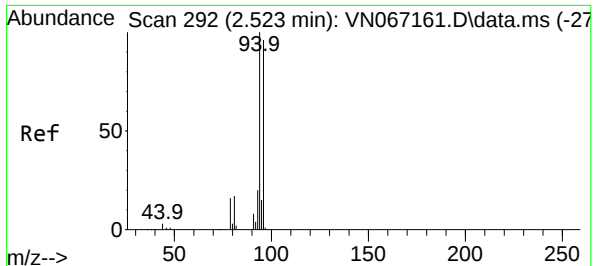
Tgt Ion: 50 Resp: 211659  
Ion Ratio Lower Upper  
50 100  
52 32.1 26.5 39.7



#4  
Vinyl Chloride  
Concen: 54.52 ug/l  
RT: 2.155 min Scan# 155  
Delta R.T. -0.024 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Tgt Ion: 62 Resp: 202396  
Ion Ratio Lower Upper  
62 100  
64 30.8 25.9 38.9

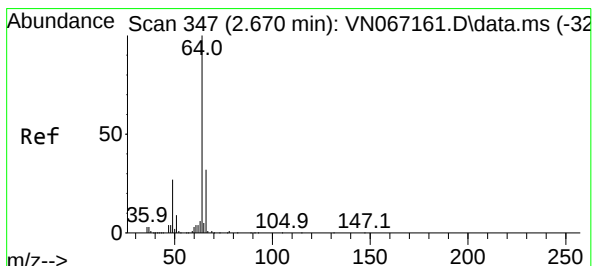
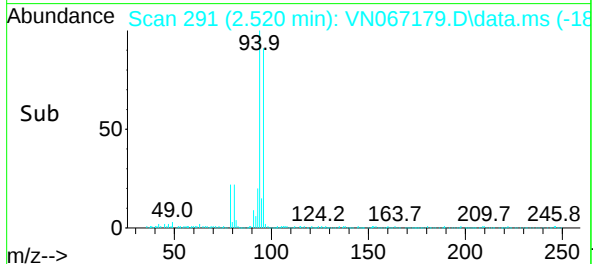
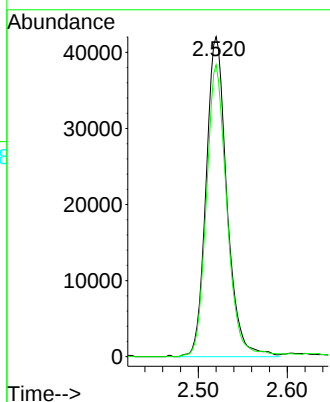
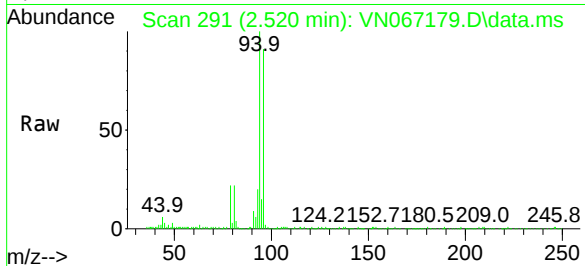




#5  
Bromomethane  
Concen: 33.97 ug/l  
RT: 2.520 min Scan# 291  
Delta R.T. -0.003 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

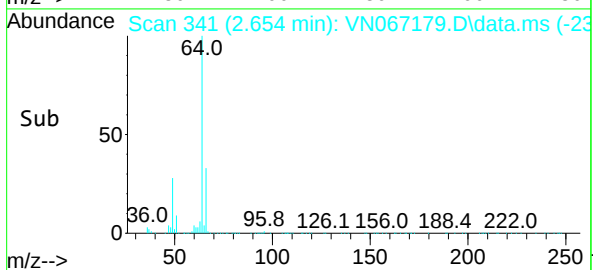
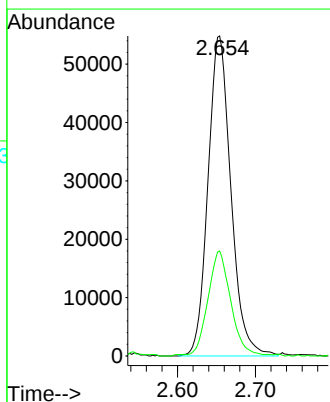
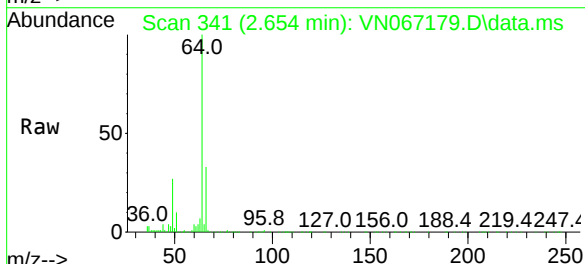
Instrument :  
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ClientSampleId :  
VSTDCCC050

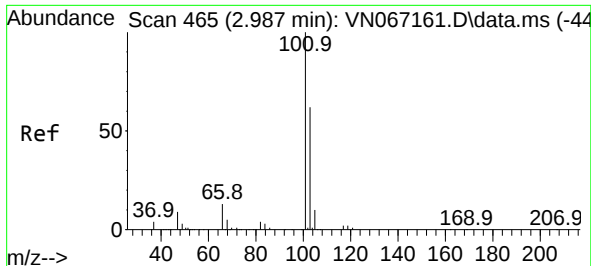
Tgt Ion: 94 Resp: 68264  
Ion Ratio Lower Upper  
94 100  
96 91.2 74.4 111.6



#6  
Chloroethane  
Concen: 56.36 ug/l  
RT: 2.654 min Scan# 341  
Delta R.T. -0.016 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Tgt Ion: 64 Resp: 112097  
Ion Ratio Lower Upper  
64 100  
66 32.5 25.0 37.6

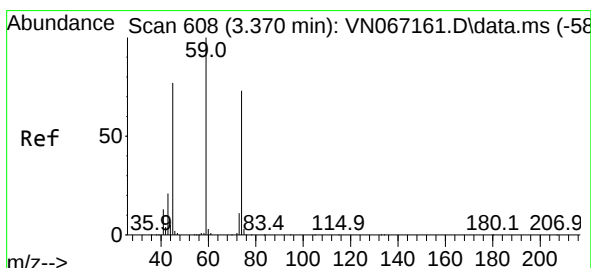
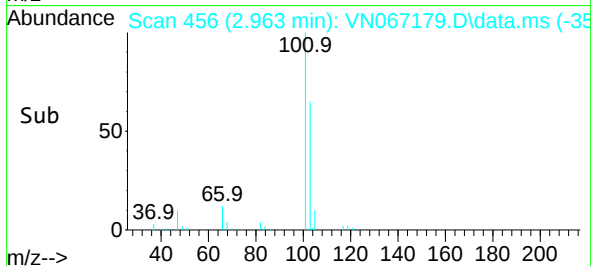
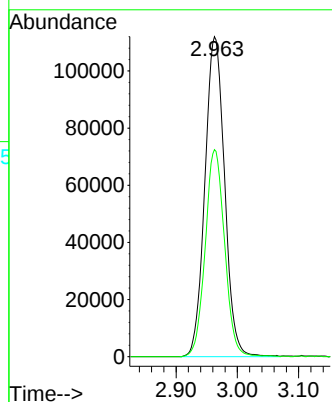
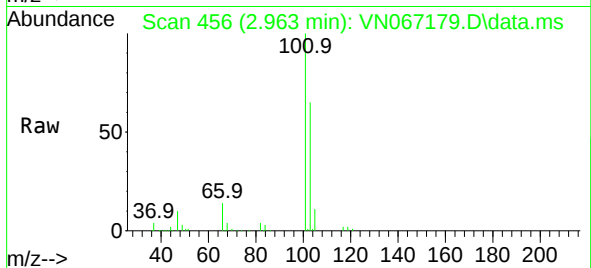




#7  
Trichlorofluoromethane  
Concen: 56.65 ug/l  
RT: 2.963 min Scan# 456  
Delta R.T. -0.024 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

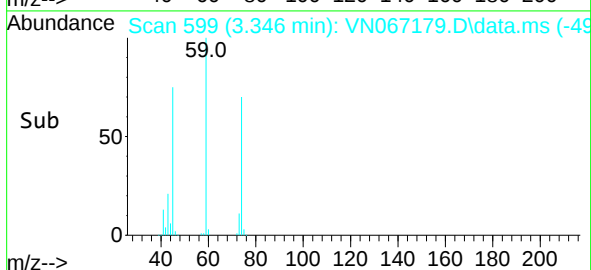
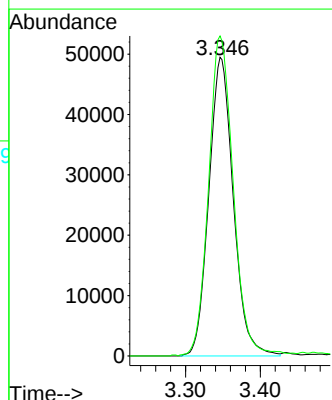
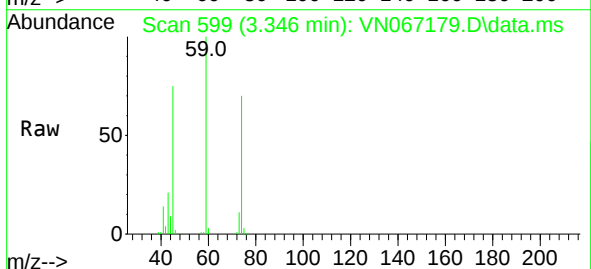
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

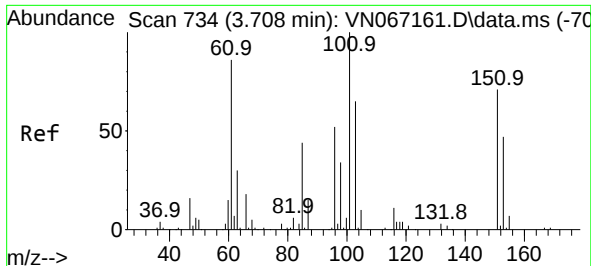
Tgt Ion:101 Resp: 250378  
Ion Ratio Lower Upper  
101 100  
103 64.7 53.2 79.8



#8  
Diethyl Ether  
Concen: 55.04 ug/l  
RT: 3.346 min Scan# 599  
Delta R.T. -0.024 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Tgt Ion: 74 Resp: 112447  
Ion Ratio Lower Upper  
74 100  
45 108.4 42.7 128.1

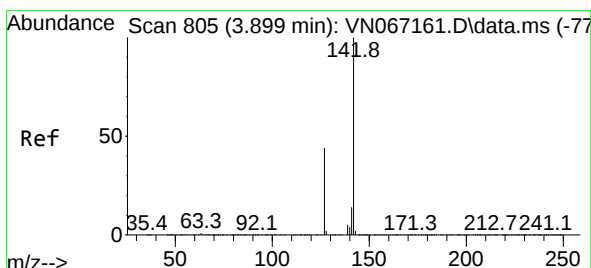
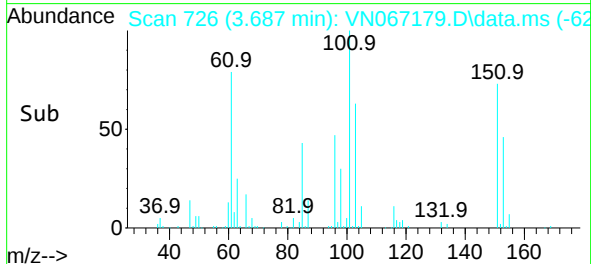
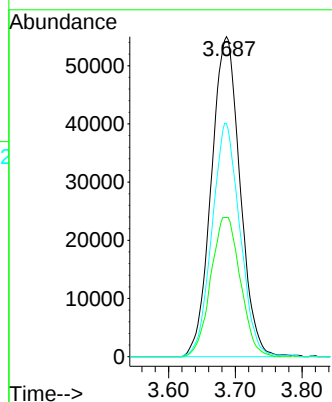
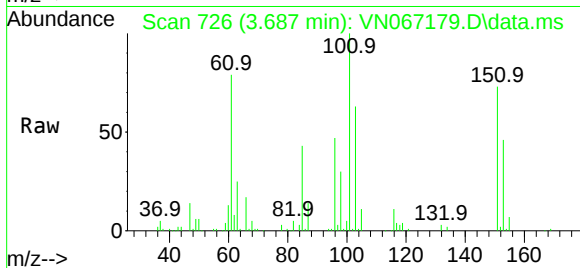




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 58.65 ug/l  
RT: 3.687 min Scan# 726  
Delta R.T. -0.021 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

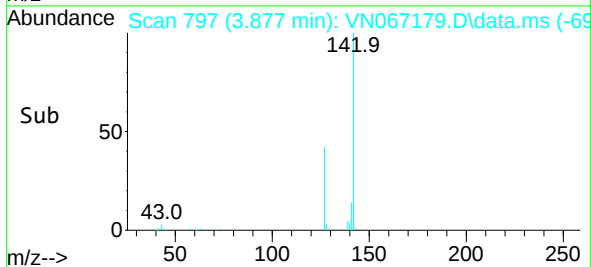
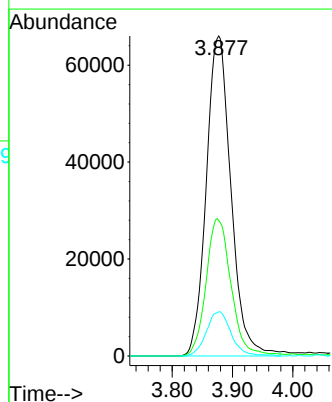
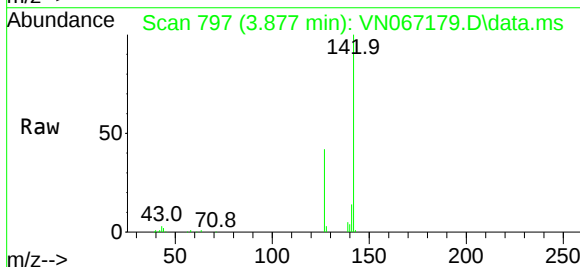
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

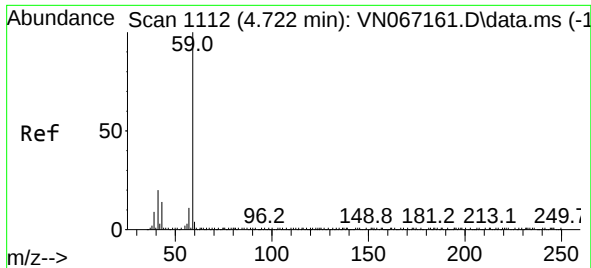
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 101   | Resp: | 164081 |
| Ion      | Ratio | Lower | Upper  |
| 101      | 100   |       |        |
| 85       | 44.8  | 32.6  | 49.0   |
| 151      | 71.0  | 68.2  | 102.2  |



#10  
Methyl Iodide  
Concen: 45.59 ug/l  
RT: 3.877 min Scan# 797  
Delta R.T. -0.022 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 142   | Resp: | 187650 |
| Ion      | Ratio | Lower | Upper  |
| 142      | 100   |       |        |
| 127      | 43.2  | 29.9  | 44.9   |
| 141      | 13.7  | 11.3  | 16.9   |

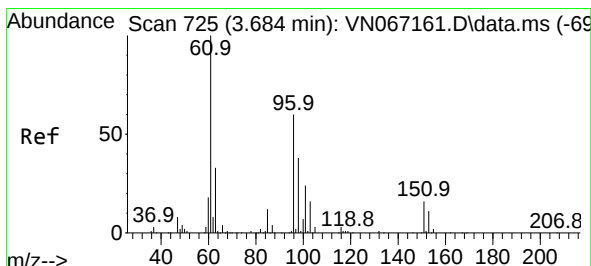
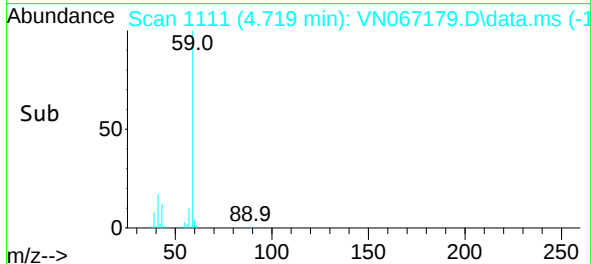
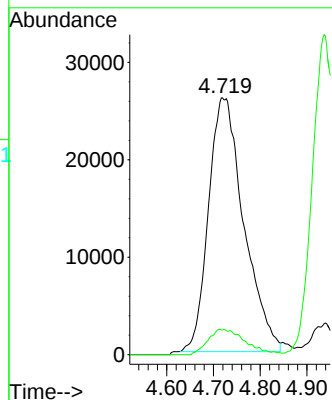
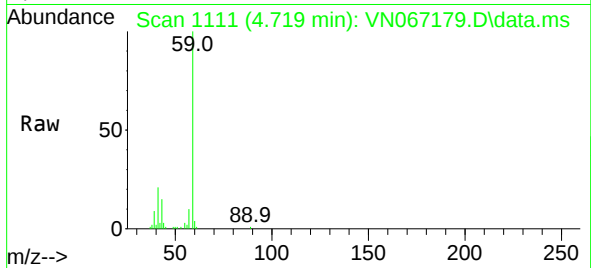




#11  
Tert butyl alcohol  
Concen: 173.39 ug/l  
RT: 4.719 min Scan# 1111  
Delta R.T. -0.003 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

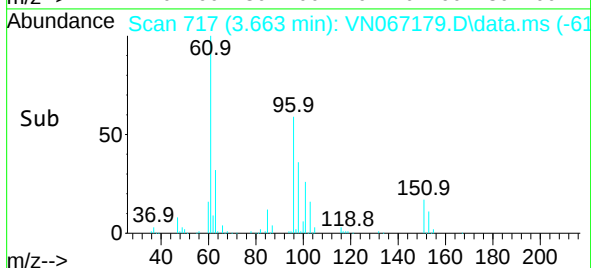
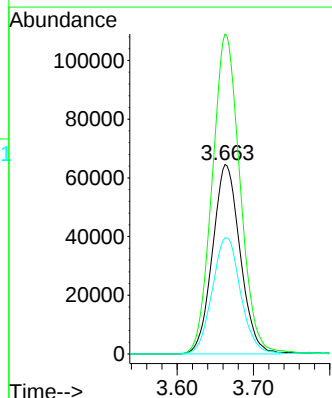
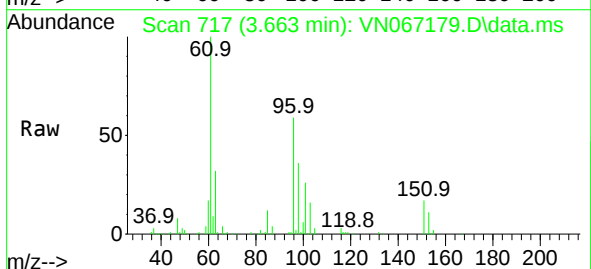
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

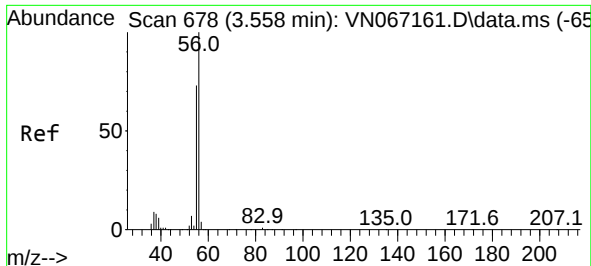
Tgt Ion: 59 Resp: 136871  
Ion Ratio Lower Upper  
59 100  
57 3.9 3.5 5.3



#12  
1,1-Dichloroethene  
Concen: 56.02 ug/l  
RT: 3.663 min Scan# 717  
Delta R.T. -0.021 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Tgt Ion: 96 Resp: 162428  
Ion Ratio Lower Upper  
96 100  
61 168.9 118.1 177.1  
98 61.2 51.1 76.7

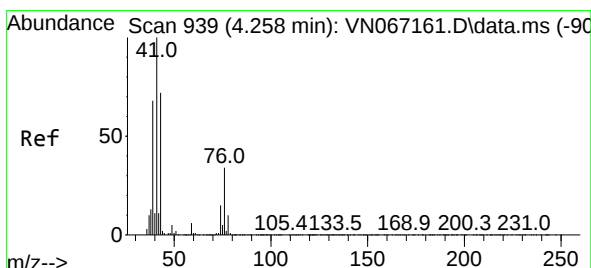
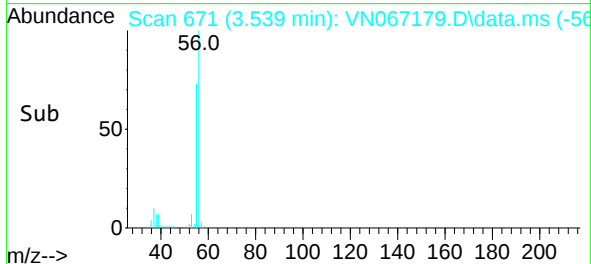
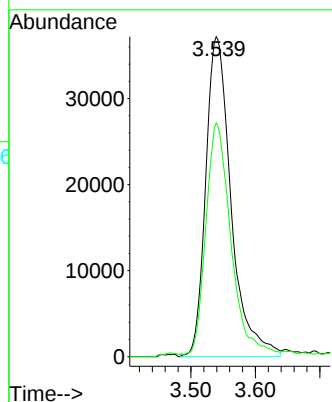
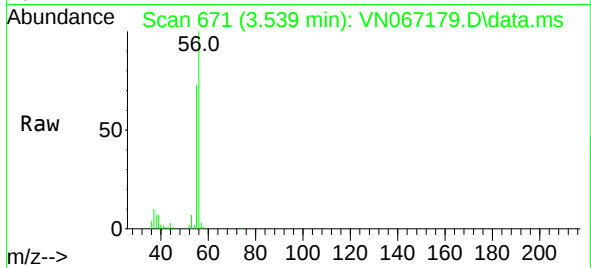




#13  
Acrolein  
Concen: 155.16 ug/l  
RT: 3.539 min Scan# 671  
Delta R.T. -0.019 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

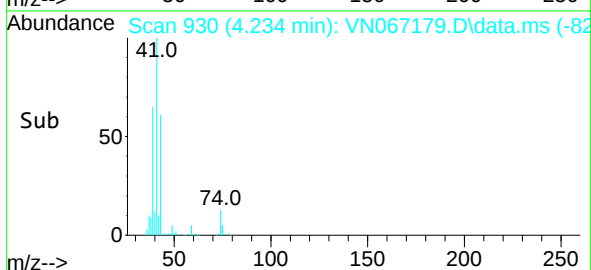
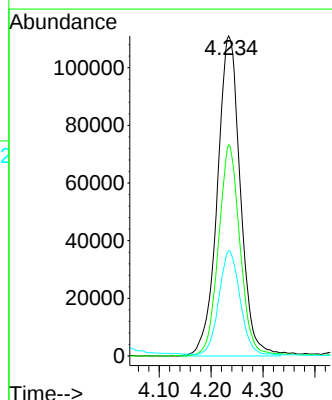
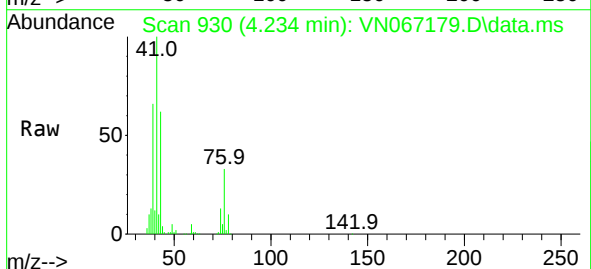
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

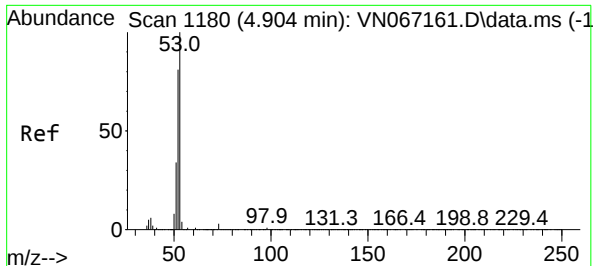
Tgt Ion: 56 Resp: 101807  
Ion Ratio Lower Upper  
56 100  
55 70.8 53.8 80.6



#14  
Allyl chloride  
Concen: 53.69 ug/l  
RT: 4.234 min Scan# 930  
Delta R.T. -0.024 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Tgt Ion: 41 Resp: 342145  
Ion Ratio Lower Upper  
41 100  
39 61.9 48.7 73.1  
76 29.9 31.4 47.2#





#15

Acrylonitrile

Concen: 247.78 ug/l

RT: 4.883 min Scan# 1172

Delta R.T. -0.021 min

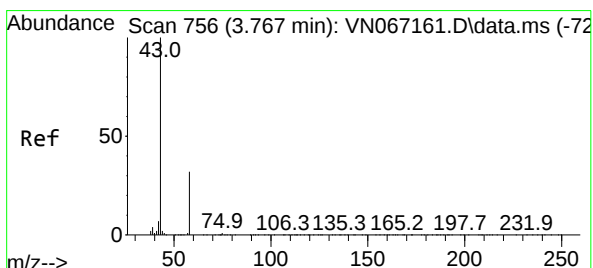
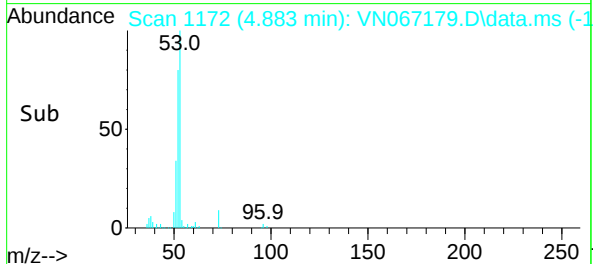
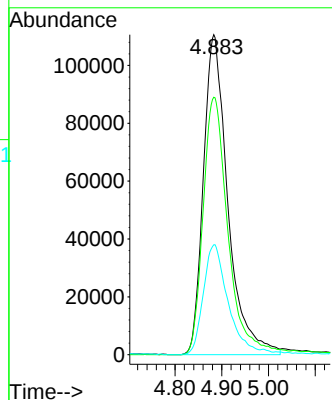
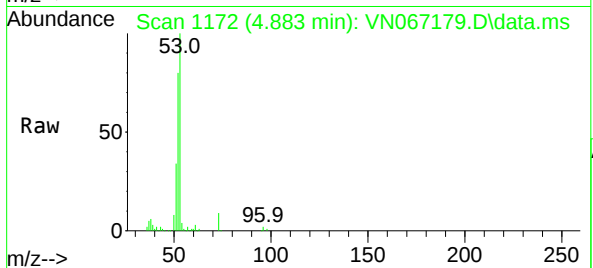
Lab File: VN067179.D

Acq: 28 May 2021 13:07

Tgt Ion: 53 Resp: 402169

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 82.0  | 66.6  | 100.0 |
| 51  | 34.5  | 28.6  | 42.8  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



#16

Acetone

Concen: 360.72 ug/l

RT: 3.748 min Scan# 749

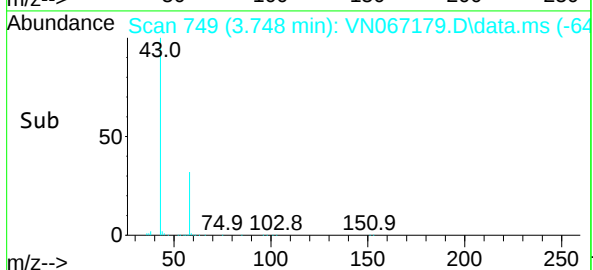
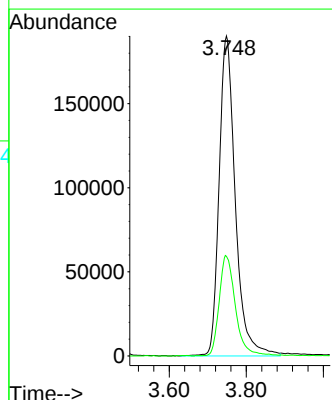
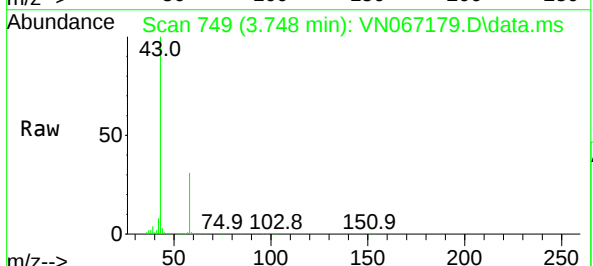
Delta R.T. -0.019 min

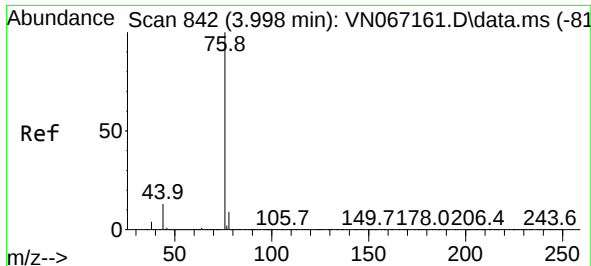
Lab File: VN067179.D

Acq: 28 May 2021 13:07

Tgt Ion: 43 Resp: 555543

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 31.1  | 27.2  | 40.8  |

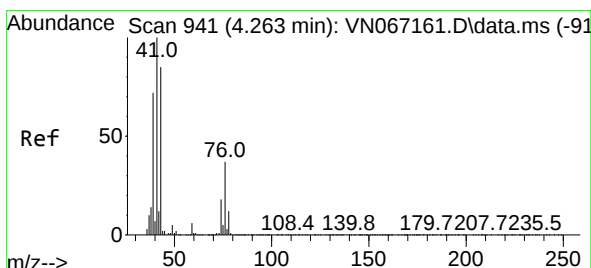
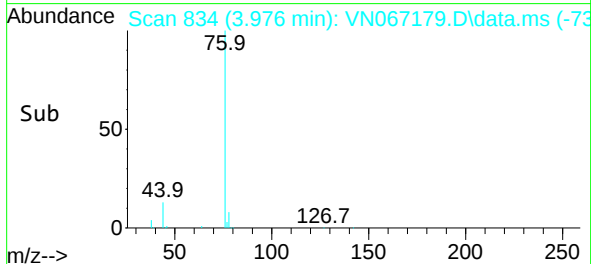
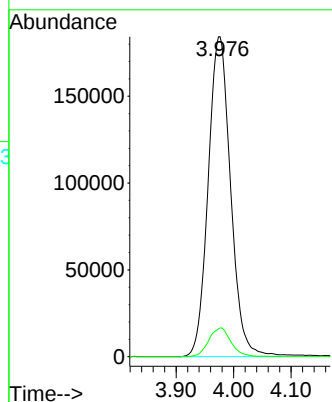
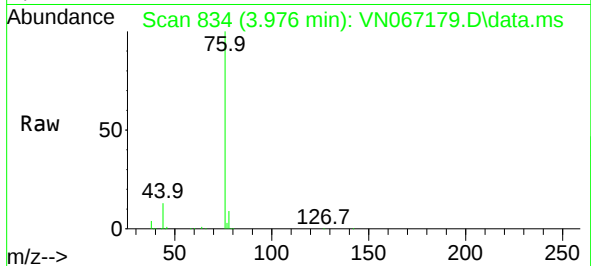




#17  
Carbon Disulfide  
Concen: 56.10 ug/l  
RT: 3.976 min Scan# 834  
Delta R.T. -0.022 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

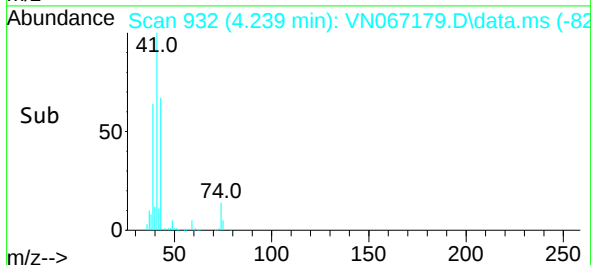
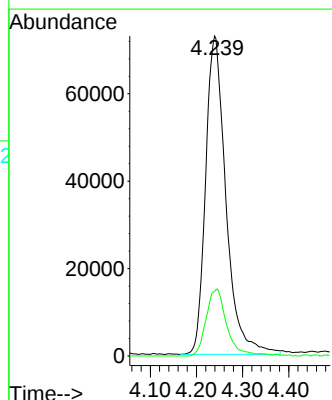
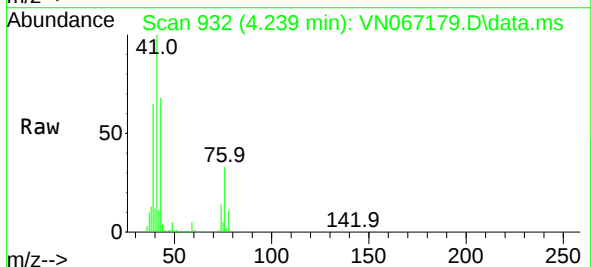
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

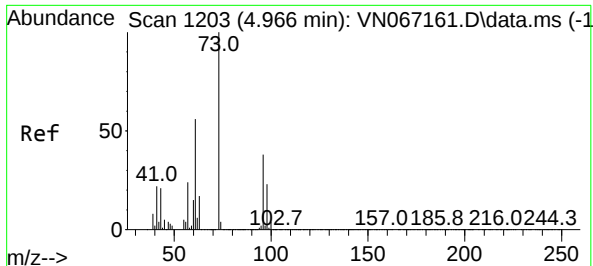
Tgt Ion: 76 Resp: 499816  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.5 11.3



#18  
Methyl Acetate  
Concen: 51.90 ug/l  
RT: 4.239 min Scan# 932  
Delta R.T. -0.024 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Tgt Ion: 43 Resp: 223095  
Ion Ratio Lower Upper  
43 100  
74 20.9 21.4 32.2#



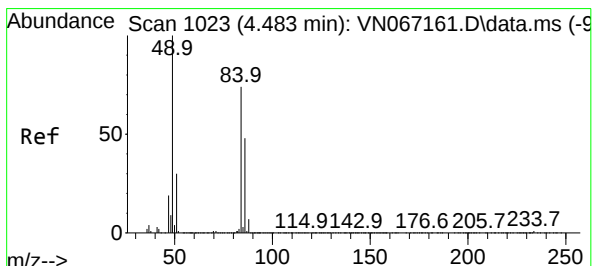
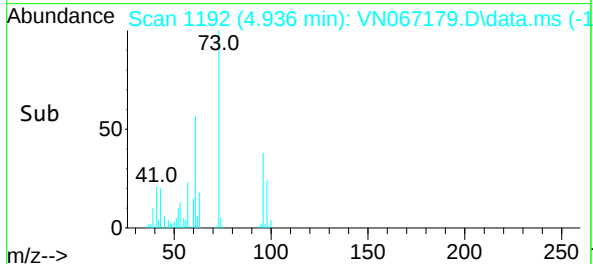
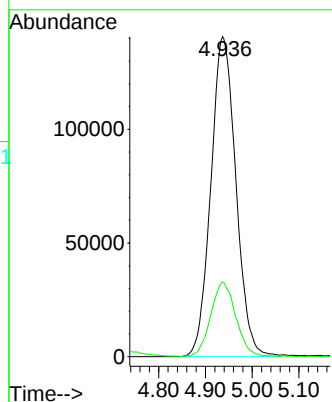
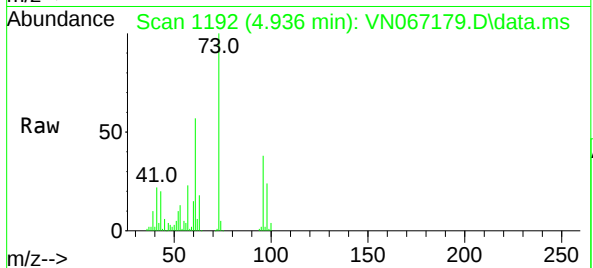


#19

Methyl tert-butyl Ether  
Concen: 54.33 ug/l  
RT: 4.936 min Scan# 1192  
Delta R.T. -0.030 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

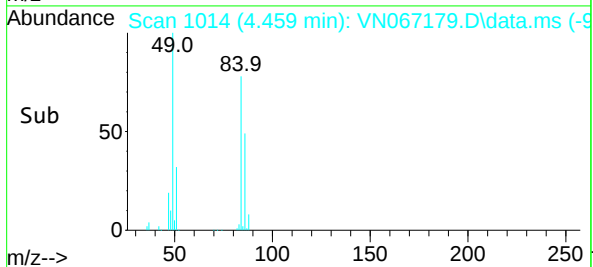
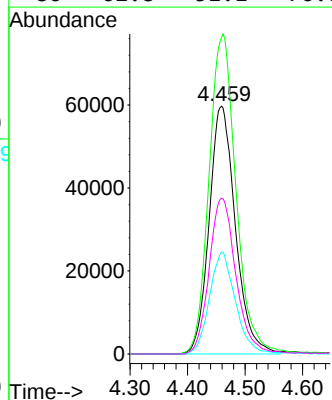
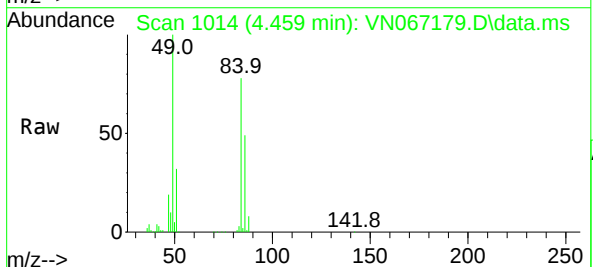
Tgt Ion: 73 Resp: 524364  
Ion Ratio Lower Upper  
73 100  
57 23.2 16.9 25.3

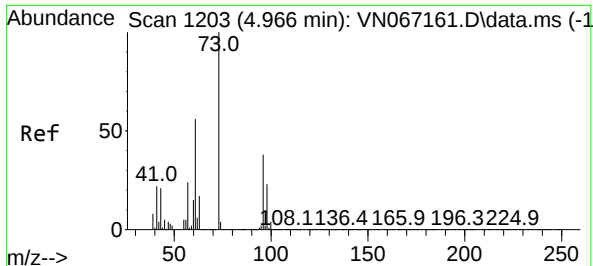


#20

Methylene Chloride  
Concen: 50.10 ug/l  
RT: 4.459 min Scan# 1014  
Delta R.T. -0.024 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Tgt Ion: 84 Resp: 189654  
Ion Ratio Lower Upper  
84 100  
49 127.7 88.3 132.5  
51 41.2 26.7 40.1#  
86 62.8 51.1 76.7

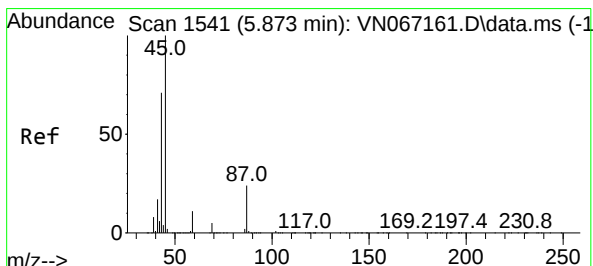
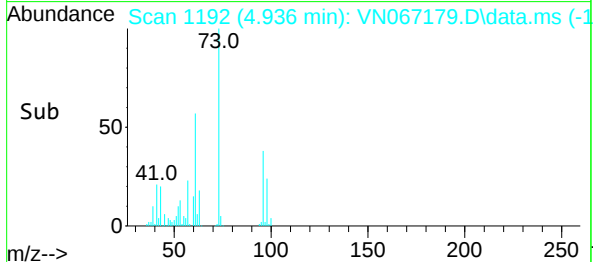
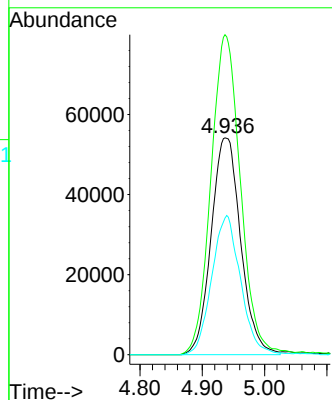
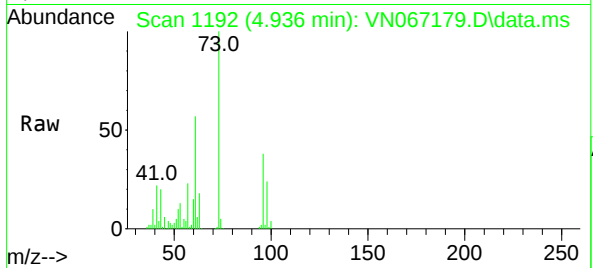




#21  
trans-1,2-Dichloroethene  
Concen: 56.41 ug/l  
RT: 4.936 min Scan# 1192  
Delta R.T. -0.030 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

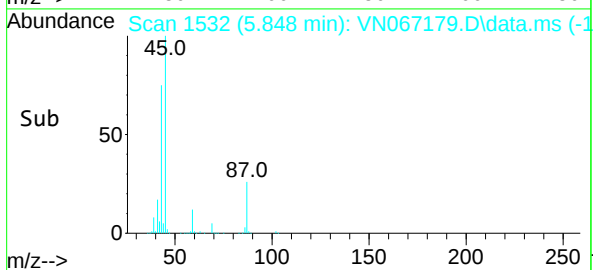
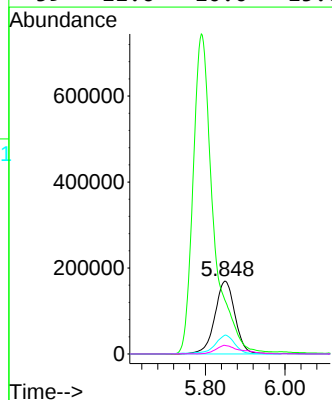
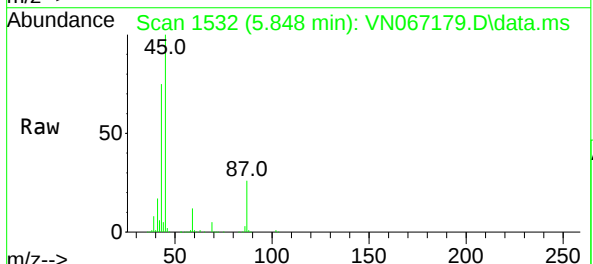
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

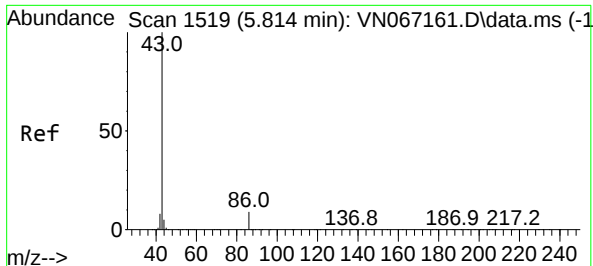
Tgt Ion: 96 Resp: 178392  
Ion Ratio Lower Upper  
96 100  
61 147.6 103.8 155.6  
98 63.1 49.8 74.8



#22  
Diisopropyl ether  
Concen: 54.31 ug/l  
RT: 5.848 min Scan# 1532  
Delta R.T. -0.025 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Tgt Ion: 45 Resp: 597993  
Ion Ratio Lower Upper  
45 100  
43 71.6 55.6 83.4  
87 25.7 26.5 39.7#  
59 11.6 10.0 15.0





#23

Vinyl Acetate

Concen: 260.12 ug/l

RT: 5.789 min Scan# 1510

Delta R.T. -0.025 min

Lab File: VN067179.D

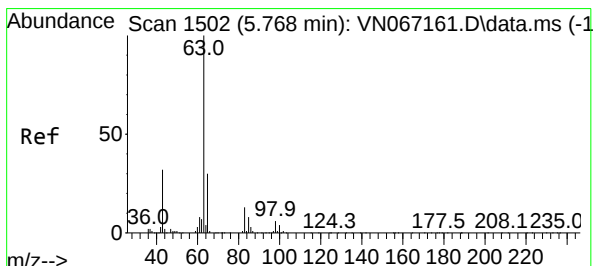
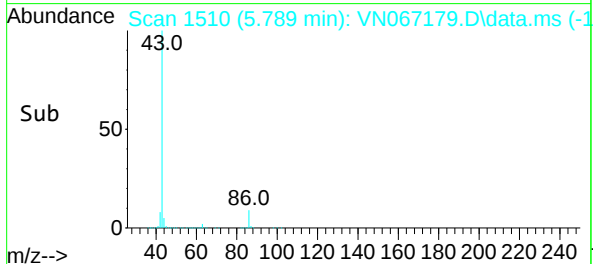
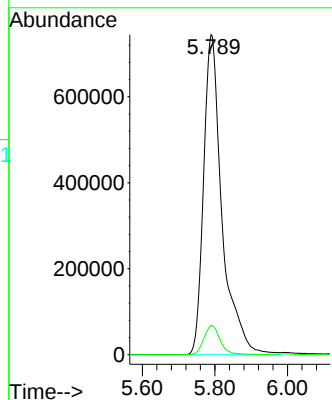
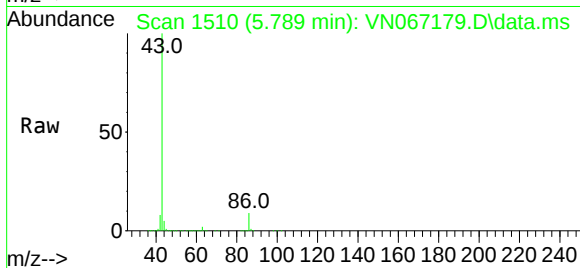
Acq: 28 May 2021 13:07

Tgt Ion: 43 Resp: 2630133

Ion Ratio Lower Upper

43 100

86 9.2 9.5 14.3#



#24

1,1-Dichloroethane

Concen: 55.03 ug/l

RT: 5.741 min Scan# 1492

Delta R.T. -0.027 min

Lab File: VN067179.D

Acq: 28 May 2021 13:07

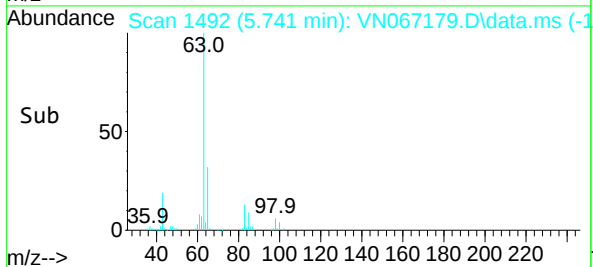
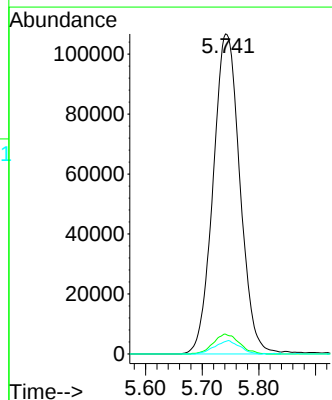
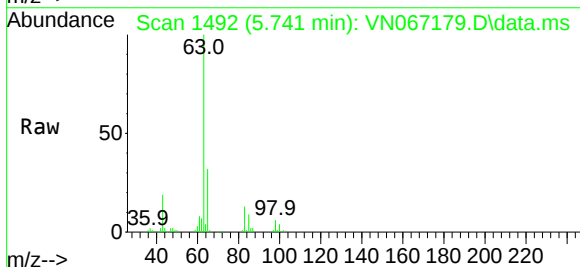
Tgt Ion: 63 Resp: 350749

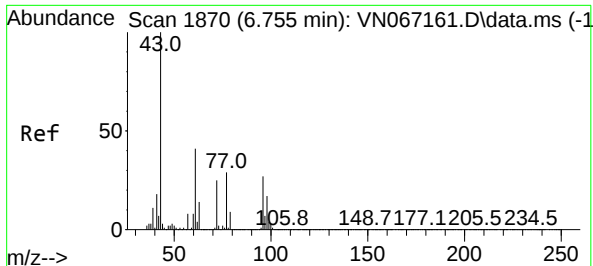
Ion Ratio Lower Upper

63 100

98 6.2 3.6 10.8

100 3.9 2.3 6.8

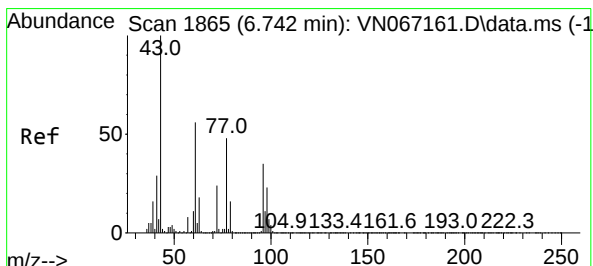
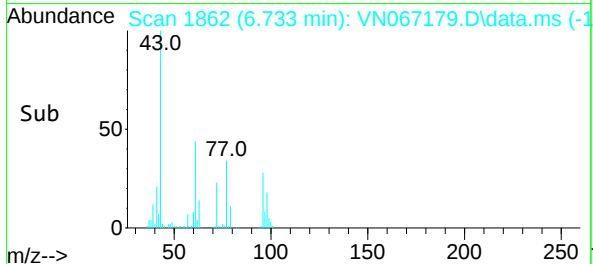
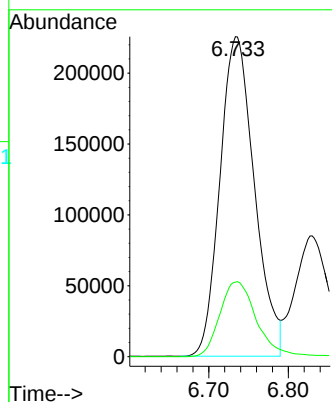
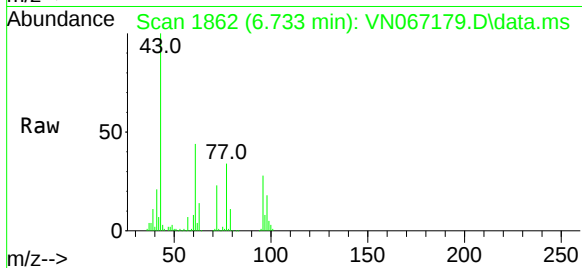




#25  
2-Butanone  
Concen: 277.64 ug/l  
RT: 6.733 min Scan# 1862  
Delta R.T. -0.022 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

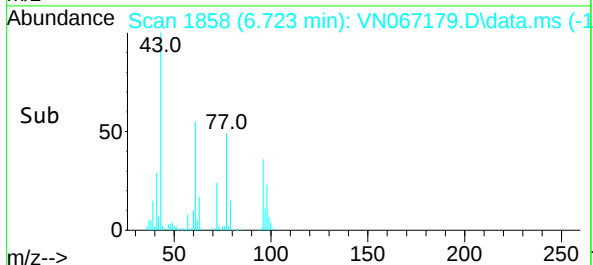
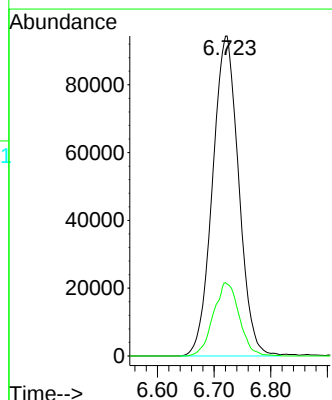
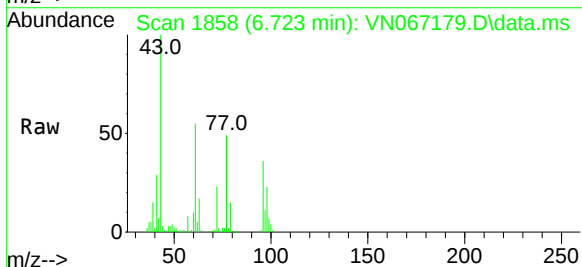
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

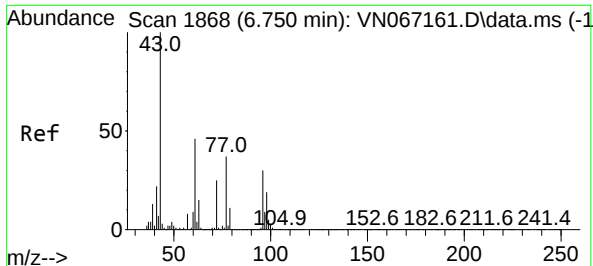
Tgt Ion: 43 Resp: 679716  
Ion Ratio Lower Upper  
43 100  
72 23.4 24.4 36.6#



#26  
2,2-Dichloropropane  
Concen: 55.96 ug/l  
RT: 6.723 min Scan# 1858  
Delta R.T. -0.019 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Tgt Ion: 77 Resp: 303002  
Ion Ratio Lower Upper  
77 100  
97 22.7 12.0 36.0

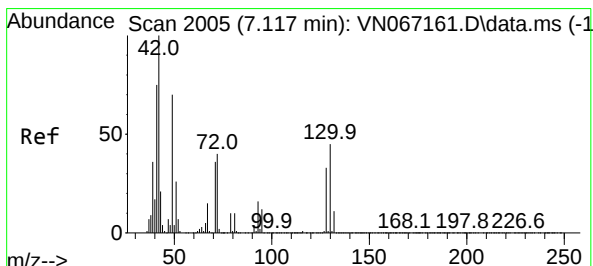
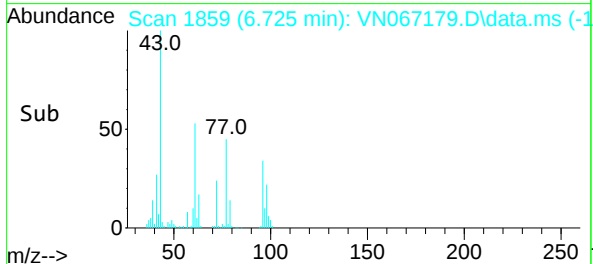
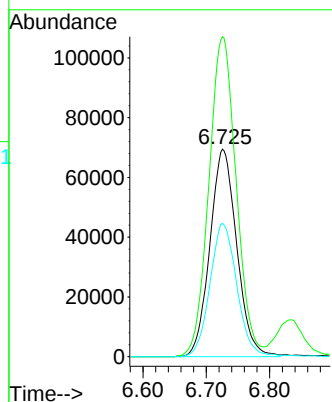
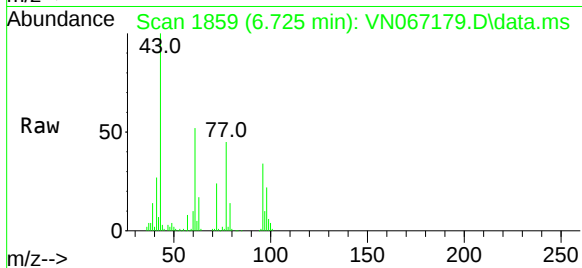




#27  
 cis-1,2-Dichloroethene  
 Concen: 55.74 ug/l  
 RT: 6.725 min Scan# 1859  
 Delta R.T. -0.025 min  
 Lab File: VN067179.D  
 Acq: 28 May 2021 13:07

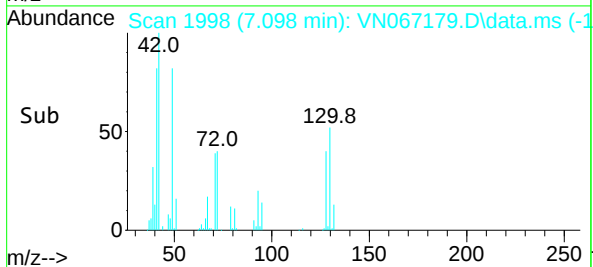
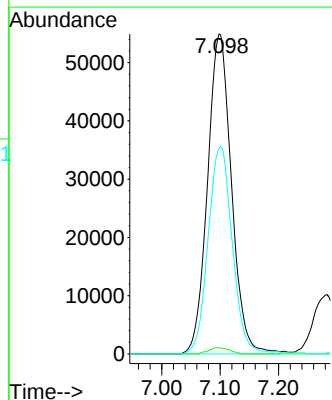
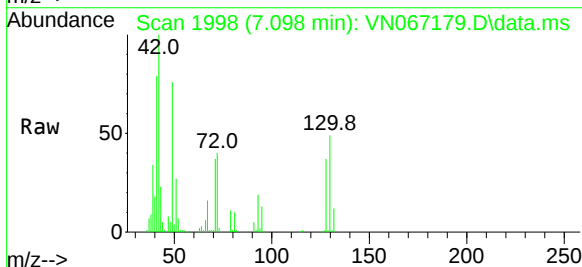
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

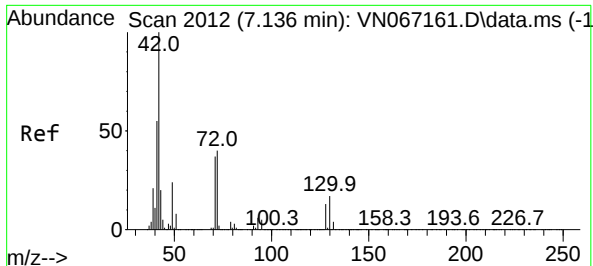
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 204865 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 156.6 | 0.0   | 272.4  |
| 98       | 64.2  | 0.0   | 130.4  |



#28  
 Bromochloromethane  
 Concen: 50.75 ug/l  
 RT: 7.098 min Scan# 1998  
 Delta R.T. -0.019 min  
 Lab File: VN067179.D  
 Acq: 28 May 2021 13:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 49    | Resp: | 156628 |
| Ion      | Ratio | Lower | Upper  |
| 49       | 100   |       |        |
| 129      | 1.7   | 0.0   | 4.8    |
| 130      | 65.3  | 76.4  | 114.6# |





#29

Tetrahydrofuran

Concen: 227.31 ug/l

RT: 7.117 min Scan# 2005

Delta R.T. -0.019 min

Lab File: VN067179.D

Acq: 28 May 2021 13:07

Tgt Ion: 42 Resp: 361025

Ion Ratio Lower Upper

42 100

72 39.8 40.1 60.1#

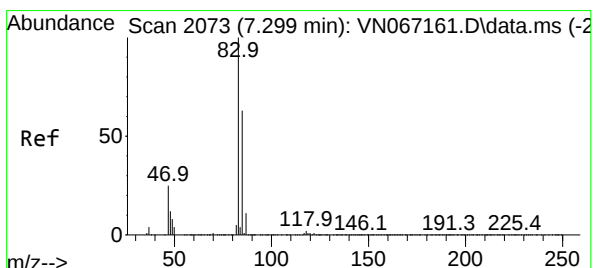
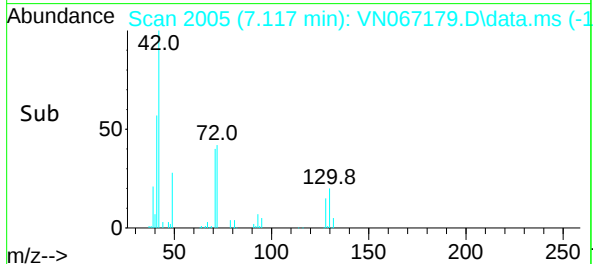
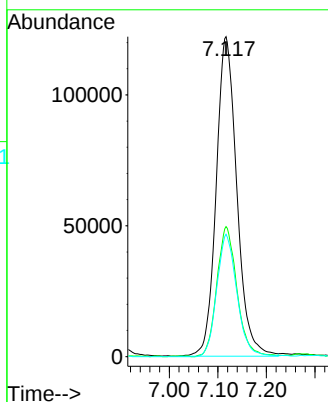
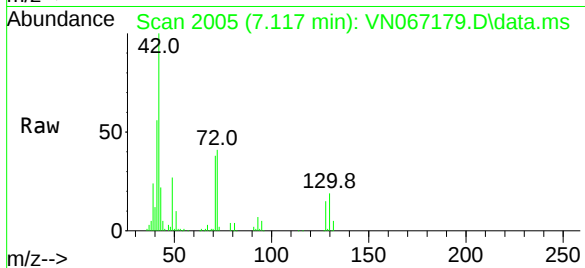
71 37.4 37.9 56.9#

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050



#30

Chloroform

Concen: 54.32 ug/l

RT: 7.278 min Scan# 2065

Delta R.T. -0.021 min

Lab File: VN067179.D

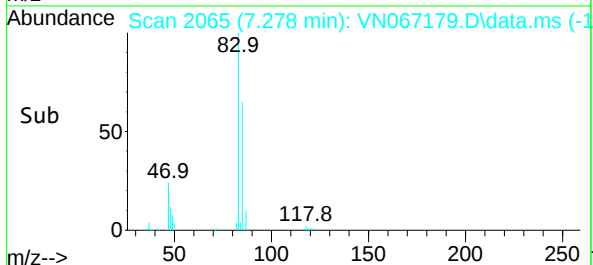
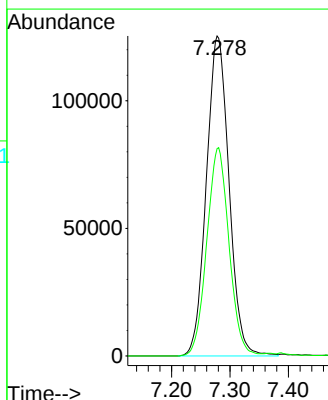
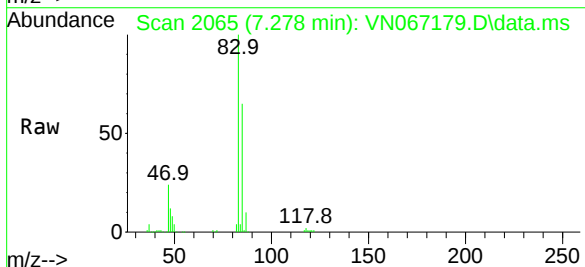
Acq: 28 May 2021 13:07

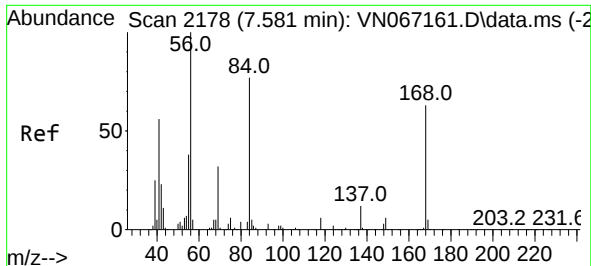
Tgt Ion: 83 Resp: 337596

Ion Ratio Lower Upper

83 100

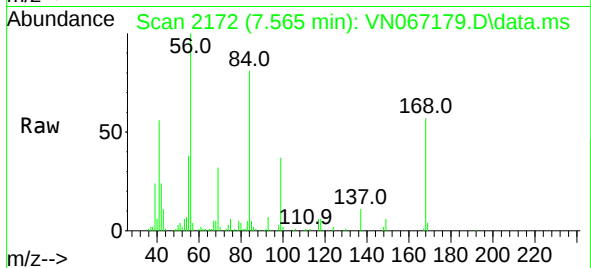
85 64.8 51.2 76.8



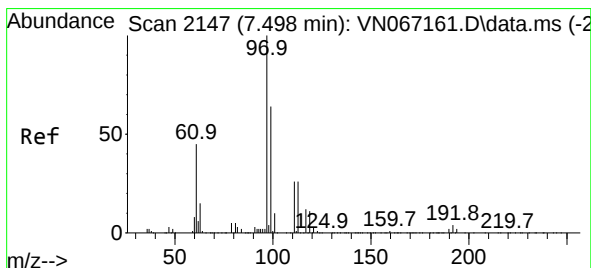
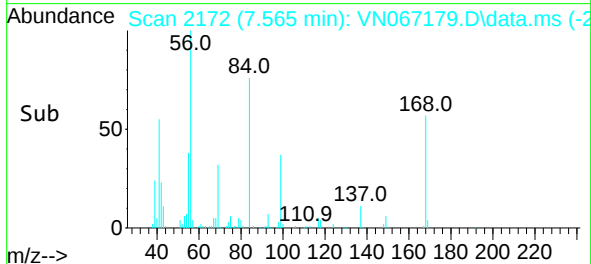
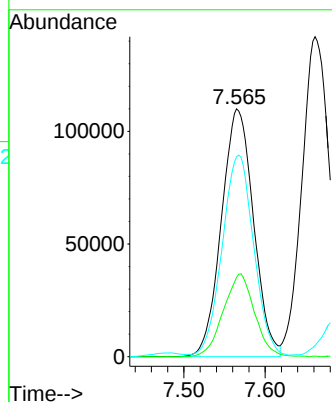


#31  
Cyclohexane  
Concen: 52.01 ug/l  
RT: 7.565 min Scan# 2172  
Delta R.T. -0.016 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

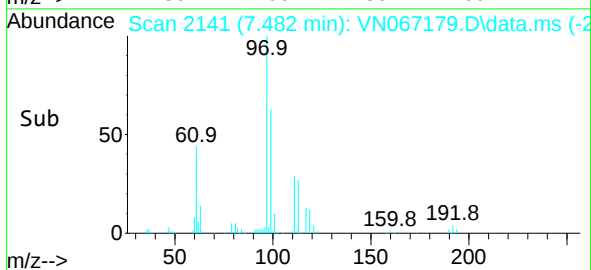
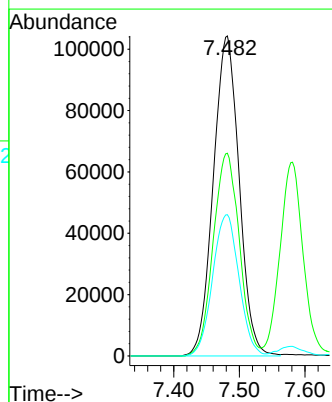
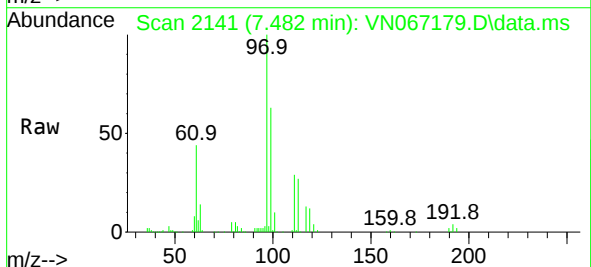


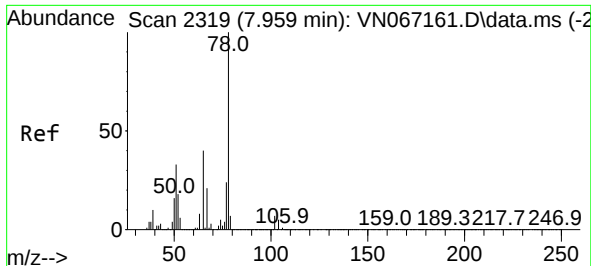
Tgt Ion: 56 Resp: 301591  
Ion Ratio Lower Upper  
56 100  
69 32.0 28.0 42.0  
84 79.6 74.2 111.2



#32  
1,1,1-Trichloroethane  
Concen: 53.64 ug/l  
RT: 7.482 min Scan# 2141  
Delta R.T. -0.016 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Tgt Ion: 97 Resp: 285394  
Ion Ratio Lower Upper  
97 100  
99 64.0 50.7 76.1  
61 45.1 31.6 47.4

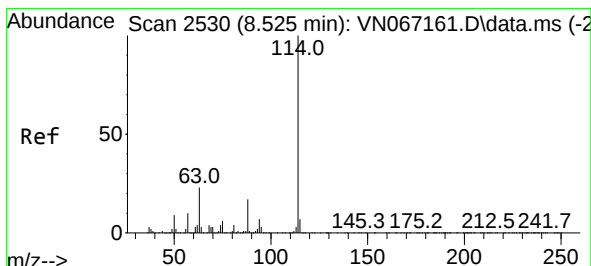
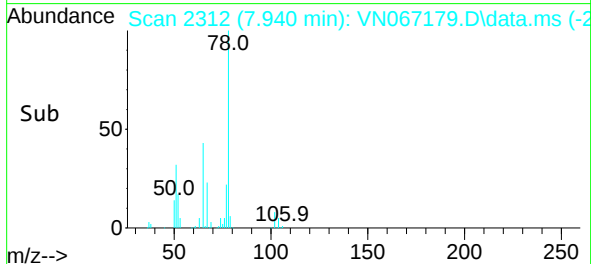
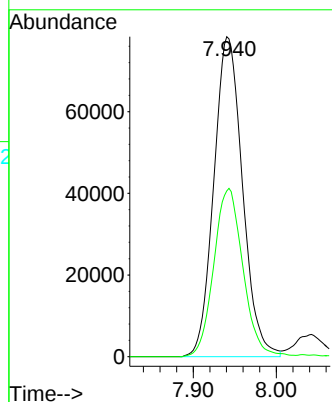
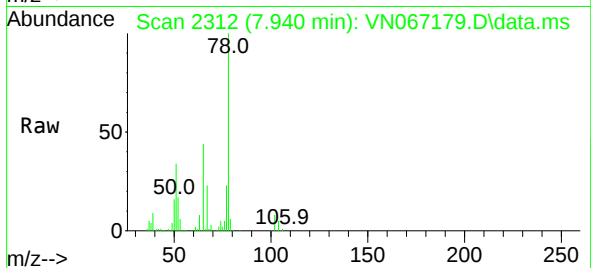




#33  
1,2-Dichloroethane-d4  
Concen: 50.11 ug/l  
RT: 7.940 min Scan# 2312  
Delta R.T. -0.019 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

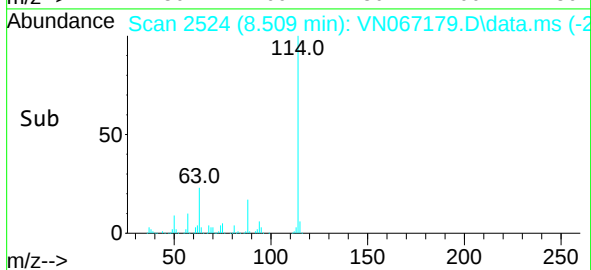
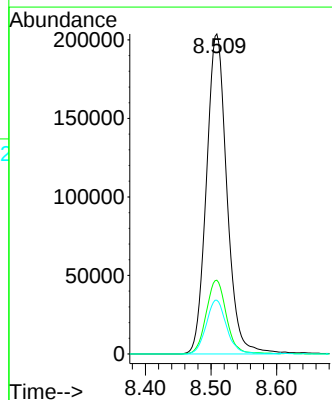
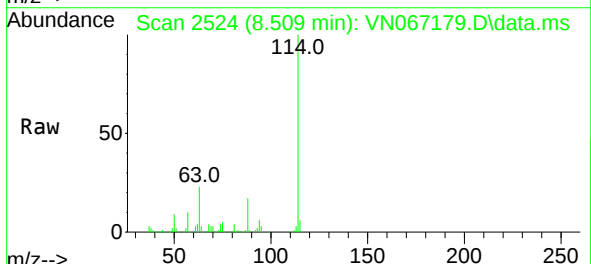
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

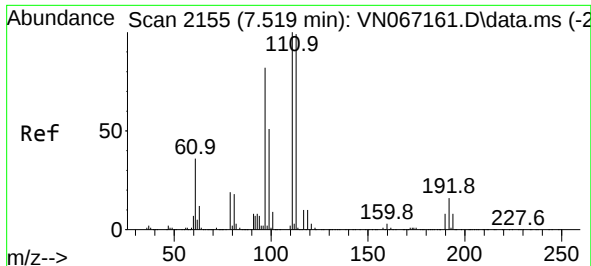
Tgt Ion: 65 Resp: 187759  
Ion Ratio Lower Upper  
65 100  
67 53.5 0.0 110.4



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.509 min Scan# 2524  
Delta R.T. -0.016 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Tgt Ion: 114 Resp: 441194  
Ion Ratio Lower Upper  
114 100  
63 23.0 0.0 35.8  
88 16.8 0.0 30.4

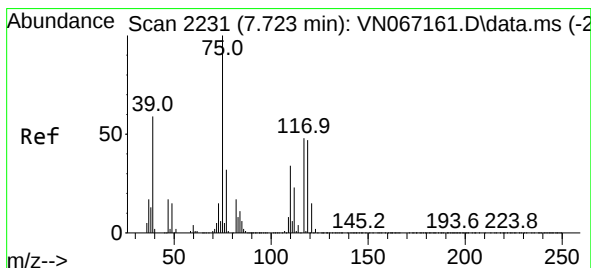
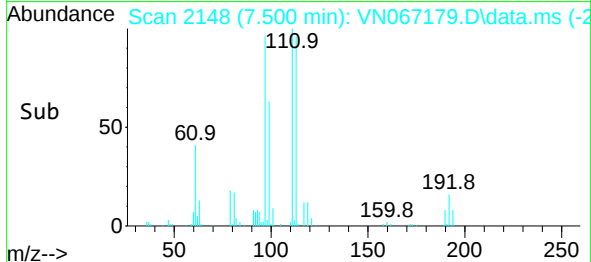
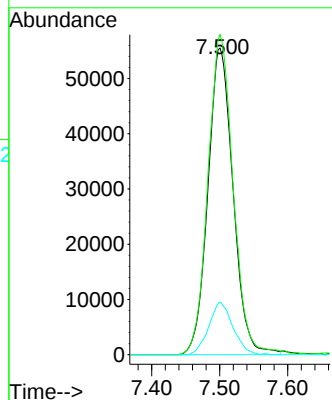
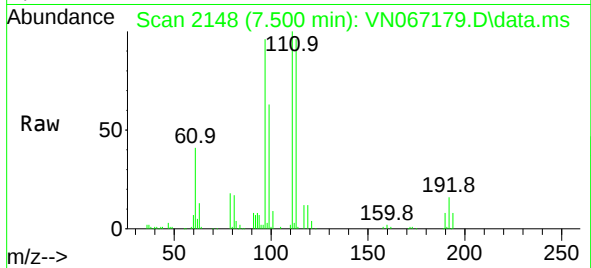




#35  
Dibromofluoromethane  
Concen: 52.75 ug/l  
RT: 7.500 min Scan# 2148  
Delta R.T. -0.019 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

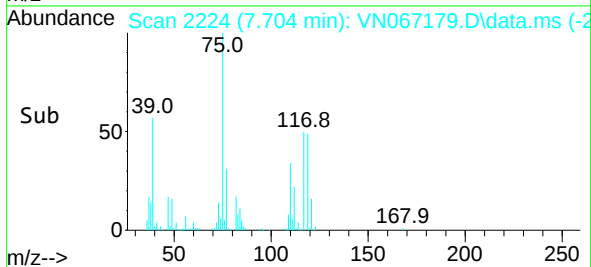
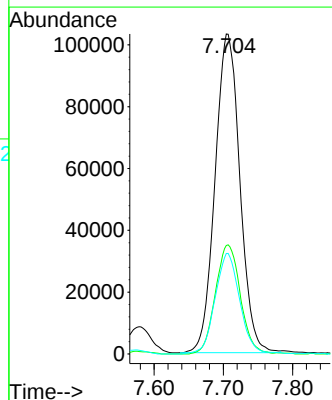
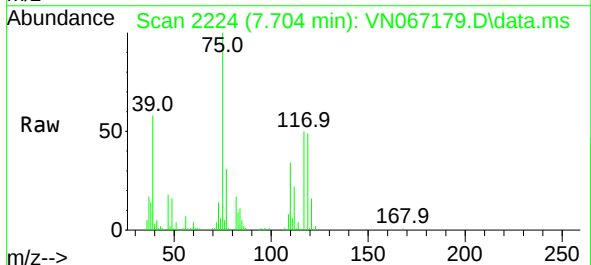
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

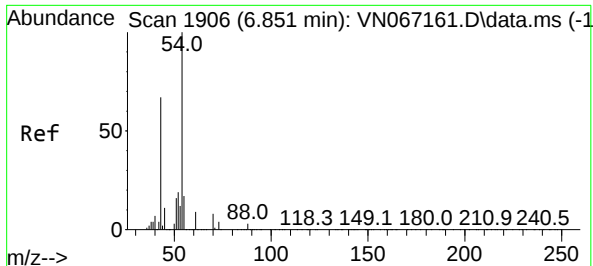
Tgt Ion:113 Resp: 142824  
Ion Ratio Lower Upper  
113 100  
111 104.9 82.6 124.0  
192 16.4 18.2 27.4#



#36  
1,1-Dichloropropene  
Concen: 57.55 ug/l  
RT: 7.704 min Scan# 2224  
Delta R.T. -0.019 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Tgt Ion: 75 Resp: 256721  
Ion Ratio Lower Upper  
75 100  
110 34.4 19.1 57.3  
77 31.4 24.8 37.2





#37

Ethyl Acetate

Concen: 52.00 ug/l

RT: 6.830 min Scan# 1898

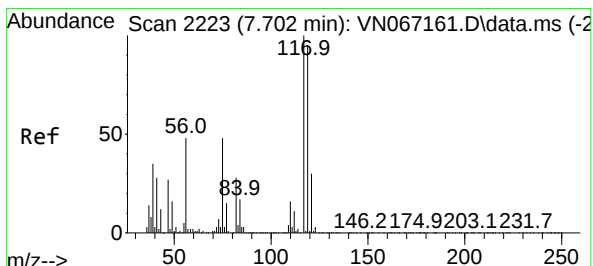
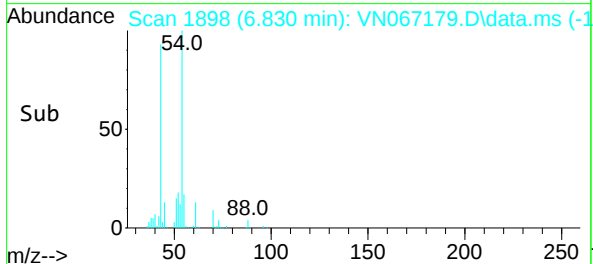
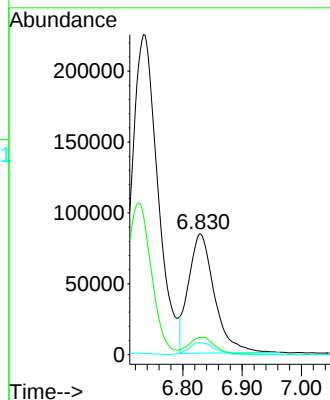
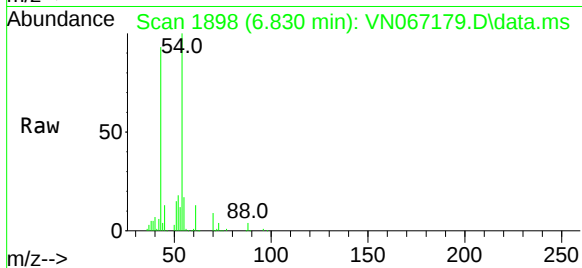
Delta R.T. -0.021 min

Lab File: VN067179.D

Acq: 28 May 2021 13:07

Tgt Ion: 43 Resp: 255674

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 13.9  | 13.0  | 19.4  |
| 70  | 10.1  | 9.2   | 13.8  |



#38

Carbon Tetrachloride

Concen: 52.20 ug/l

RT: 7.688 min Scan# 2218

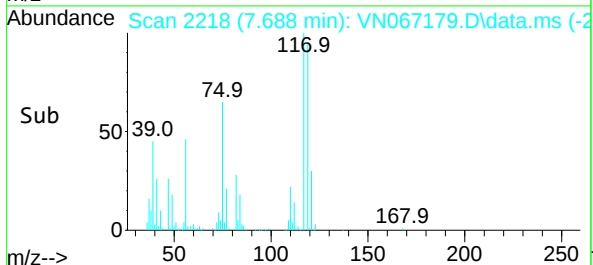
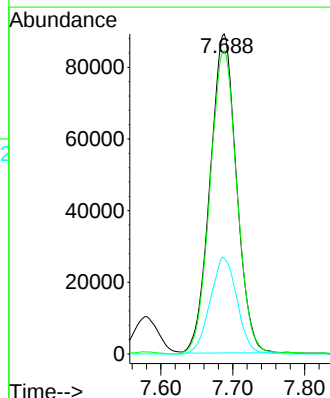
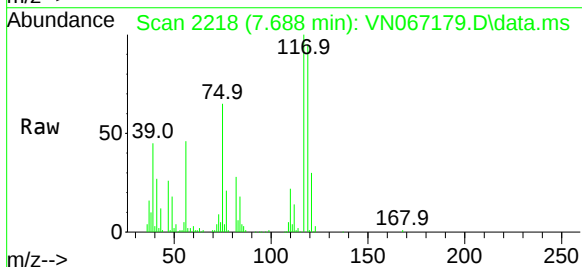
Delta R.T. -0.014 min

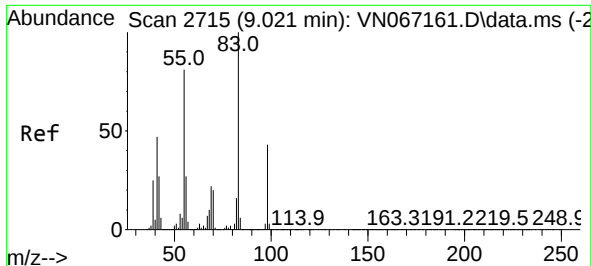
Lab File: VN067179.D

Acq: 28 May 2021 13:07

Tgt Ion: 117 Resp: 226830

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 94.8  | 78.2  | 117.2 |
| 121 | 30.0  | 24.7  | 37.1  |





#39

Methylcyclohexane

Concen: 59.51 ug/l

RT: 9.005 min Scan# 2709

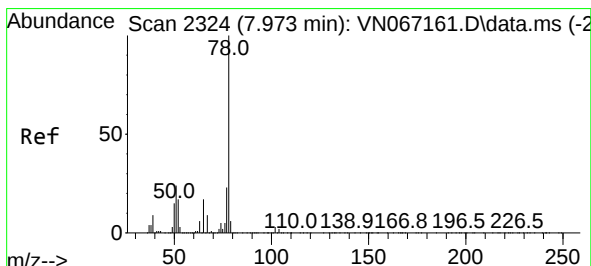
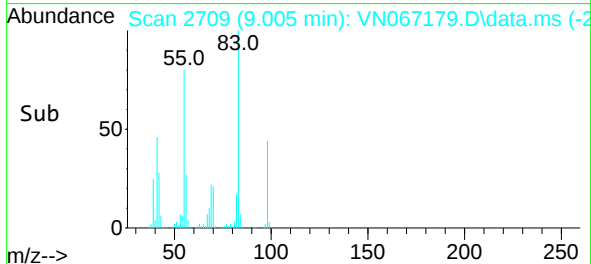
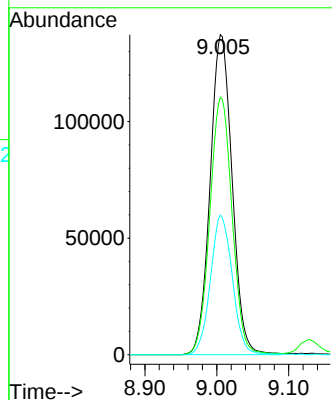
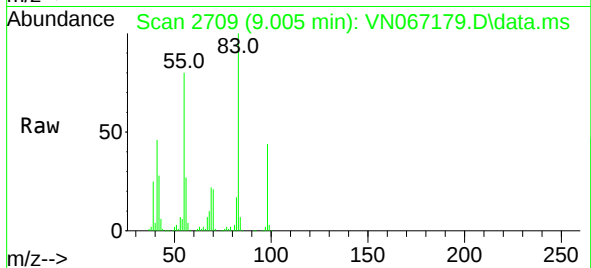
Delta R.T. -0.016 min

Lab File: VN067179.D

Acq: 28 May 2021 13:07

Tgt Ion: 83 Resp: 291718

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 80.4  | 56.2  | 84.2  |
| 98  | 43.6  | 36.8  | 55.2  |



#40

Benzene

Concen: 57.04 ug/l

RT: 7.959 min Scan# 2319

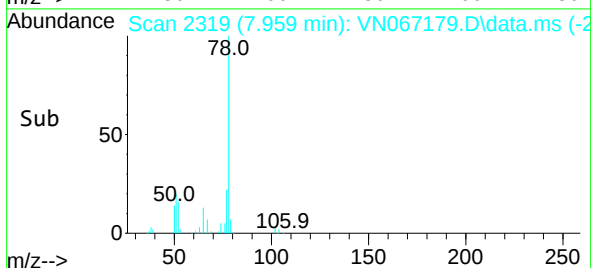
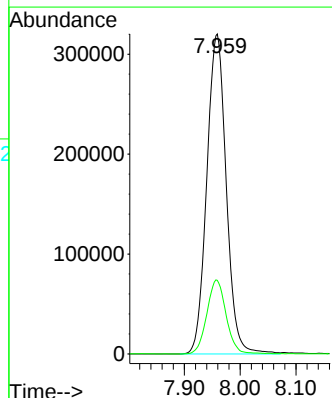
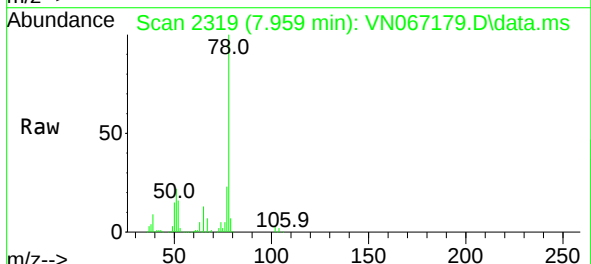
Delta R.T. -0.014 min

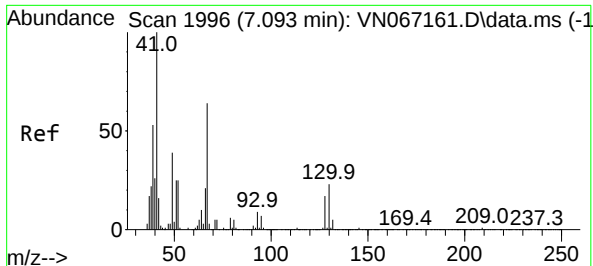
Lab File: VN067179.D

Acq: 28 May 2021 13:07

Tgt Ion: 78 Resp: 777838

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 23.0  | 18.4  | 27.6  |

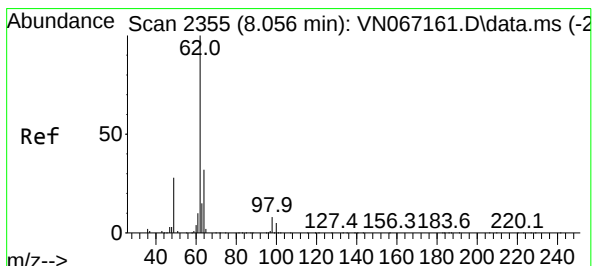
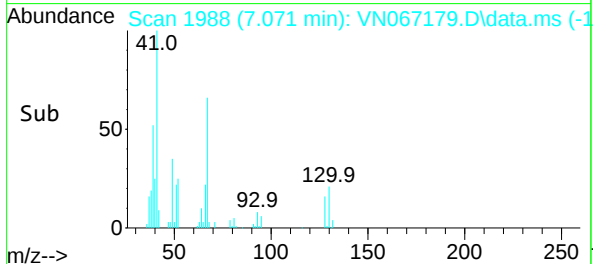
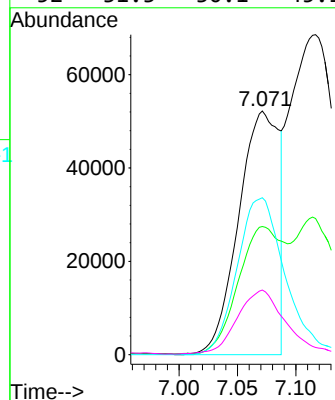
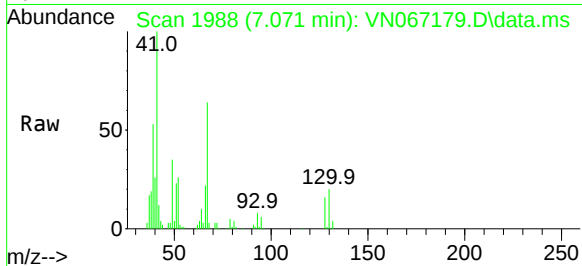




#41  
Methacrylonitrile  
Concen: 53.30 ug/l  
RT: 7.071 min Scan# 1988  
Delta R.T. -0.022 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

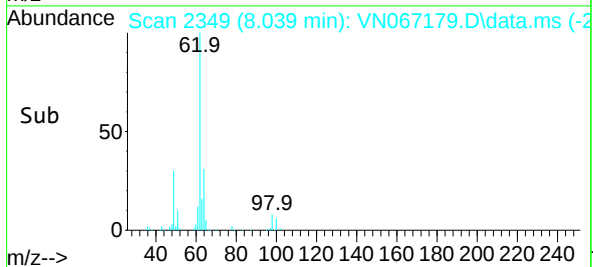
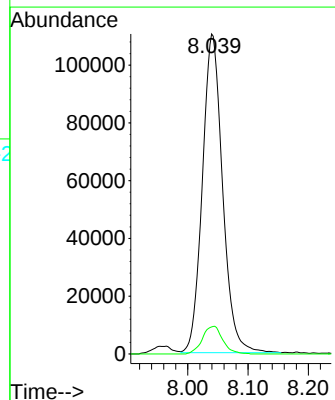
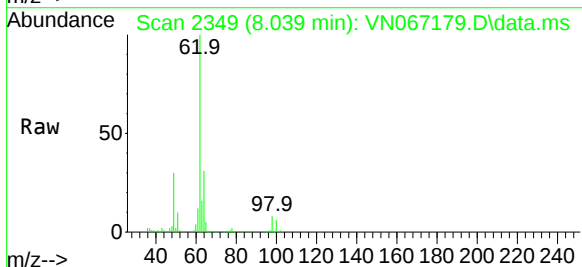
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

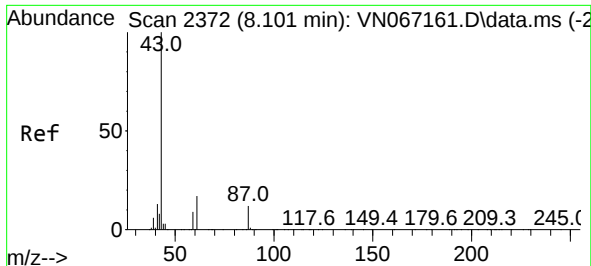
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 125655 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 39        | 57.9  | 45.3  | 67.9   |
| 67        | 77.2  | 85.1  | 127.7# |
| 52        | 31.3  | 30.1  | 45.1   |



#42  
1,2-Dichloroethane  
Concen: 55.41 ug/l  
RT: 8.039 min Scan# 2349  
Delta R.T. -0.017 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 62    | Resp: | 257192 |
| Ion Ratio | Lower | Upper |        |
| 62        | 100   |       |        |
| 98        | 8.8   | 0.0   | 20.2   |

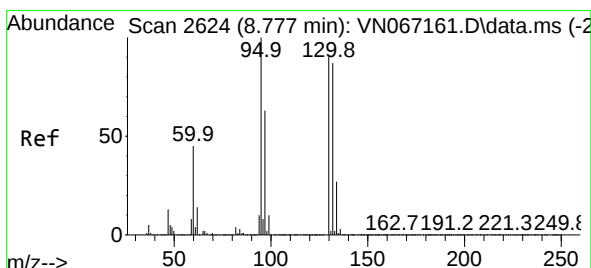
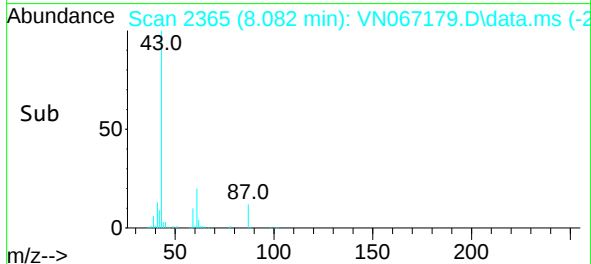
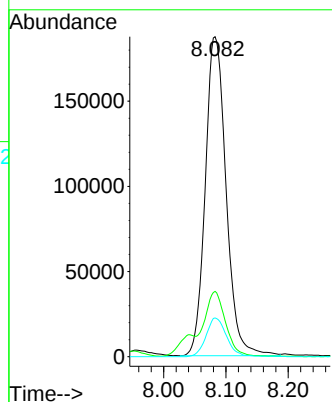
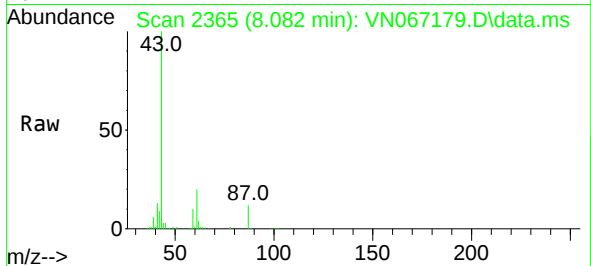




#43  
Isopropyl Acetate  
Concen: 51.09 ug/l  
RT: 8.082 min Scan# 2365  
Delta R.T. -0.019 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

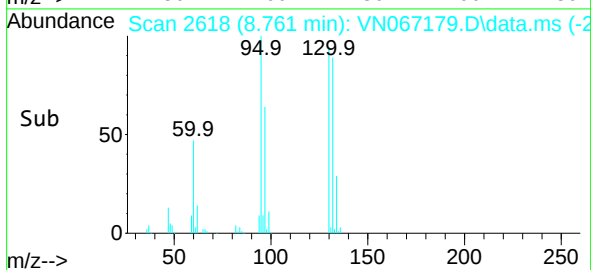
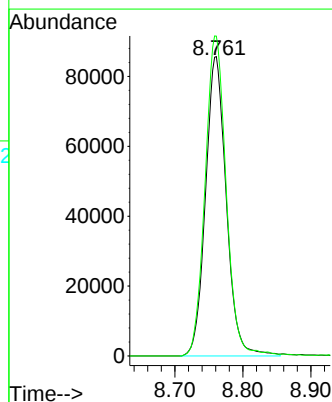
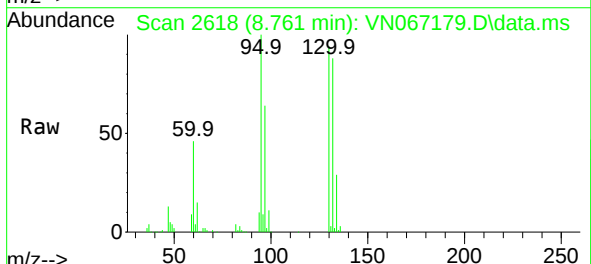
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

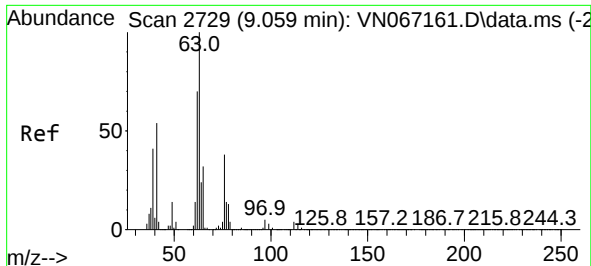
Tgt Ion: 43 Resp: 435876  
Ion Ratio Lower Upper  
43 100  
61 20.2 23.4 35.0#  
87 12.1 12.2 18.2#



#44  
Trichloroethene  
Concen: 59.64 ug/l  
RT: 8.761 min Scan# 2618  
Delta R.T. -0.016 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Tgt Ion: 130 Resp: 182038  
Ion Ratio Lower Upper  
130 100  
95 106.9 0.0 182.4





#45

1,2-Dichloropropane

Concen: 56.32 ug/l

RT: 9.043 min Scan# 2723

Delta R.T. -0.016 min

Lab File: VN067179.D

Acq: 28 May 2021 13:07

Tgt Ion: 63 Resp: 209606

Ion Ratio Lower Upper

63 100

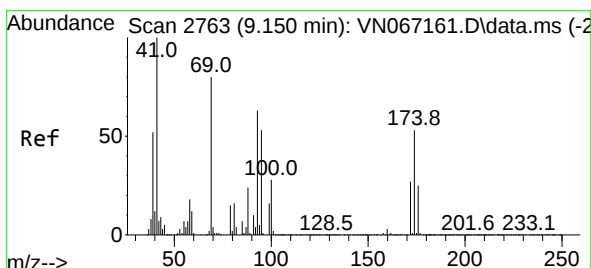
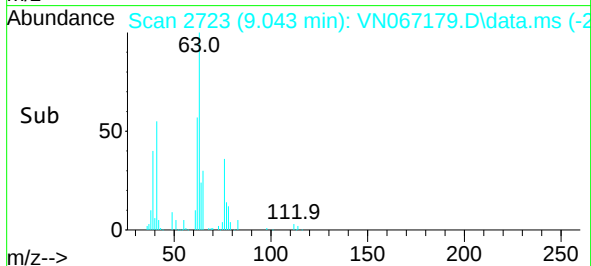
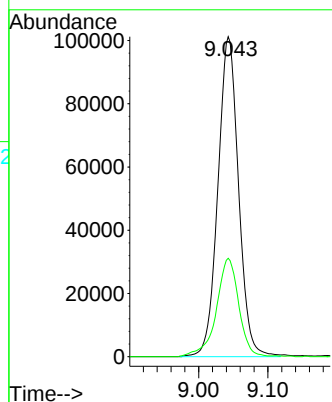
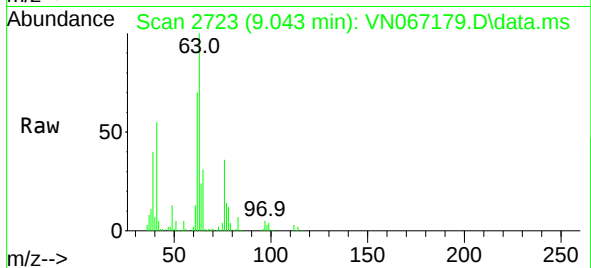
65 30.6 23.9 35.9

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050



#46

Dibromomethane

Concen: 54.66 ug/l

RT: 9.136 min Scan# 2758

Delta R.T. -0.014 min

Lab File: VN067179.D

Acq: 28 May 2021 13:07

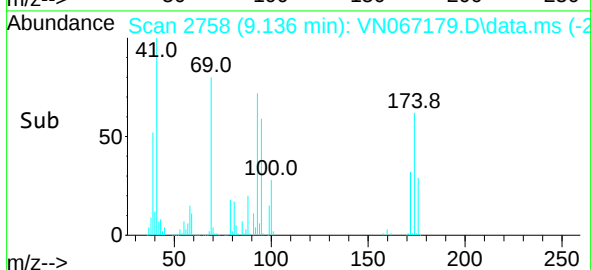
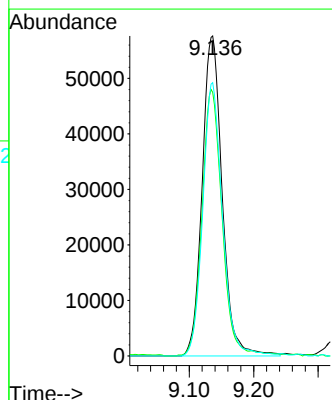
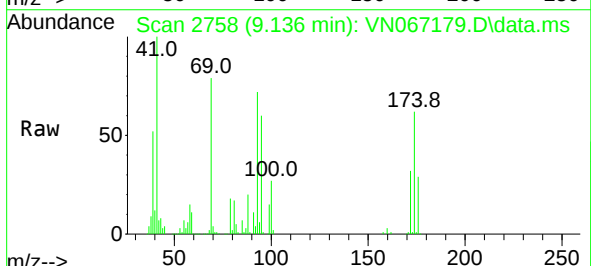
Tgt Ion: 93 Resp: 124543

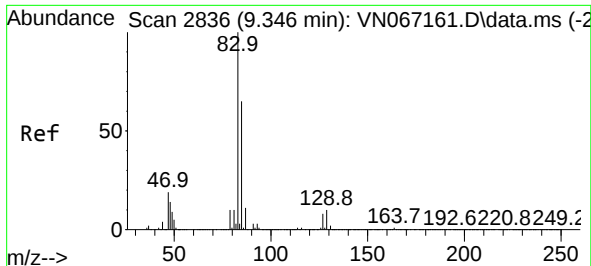
Ion Ratio Lower Upper

93 100

95 82.2 67.8 101.6

174 84.1 93.4 140.0#

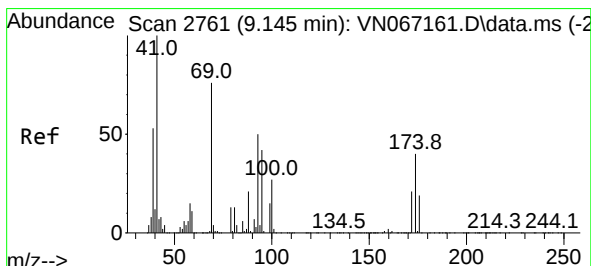
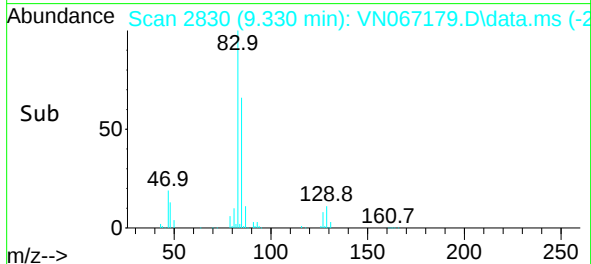
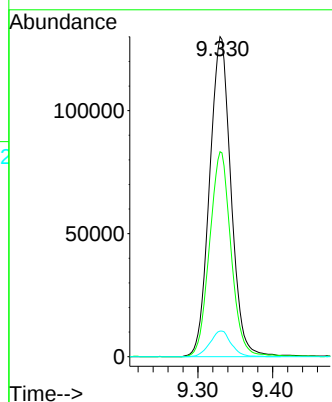
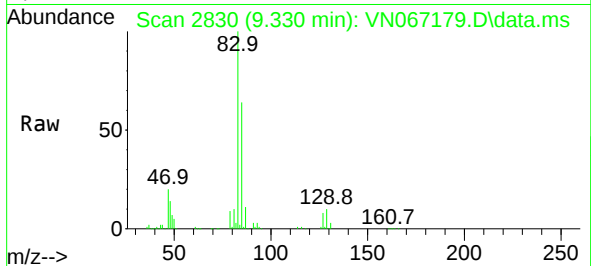




#47  
Bromodichloromethane  
Concen: 54.43 ug/l  
RT: 9.330 min Scan# 2830  
Delta R.T. -0.016 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

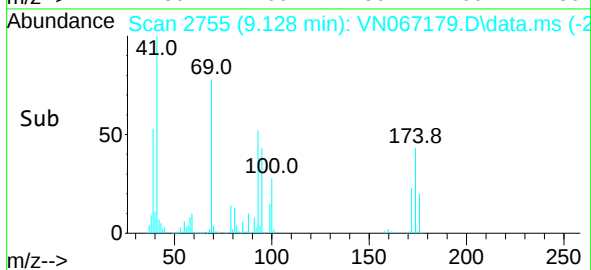
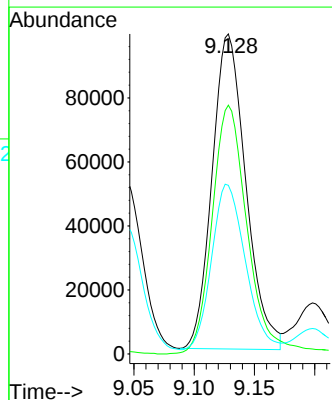
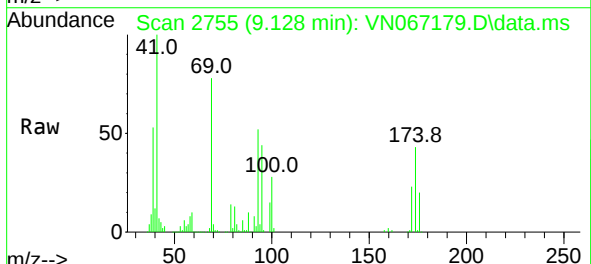
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

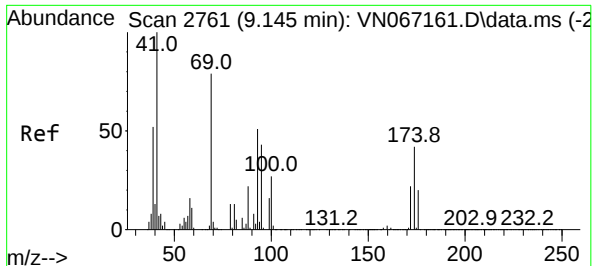
Tgt Ion: 83 Resp: 257978  
Ion Ratio Lower Upper  
83 100  
85 64.1 51.7 77.5  
127 8.0 7.4 11.0



#48  
Methyl methacrylate  
Concen: 50.60 ug/l  
RT: 9.128 min Scan# 2755  
Delta R.T. -0.017 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Tgt Ion: 41 Resp: 191827  
Ion Ratio Lower Upper  
41 100  
69 83.1 80.5 120.7  
39 52.9 41.4 62.0

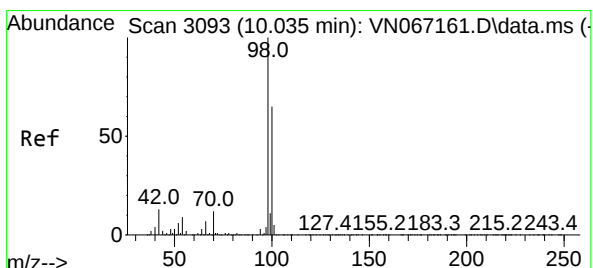
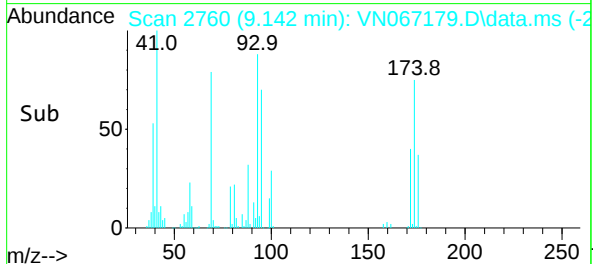
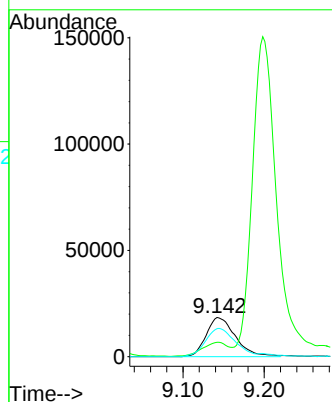
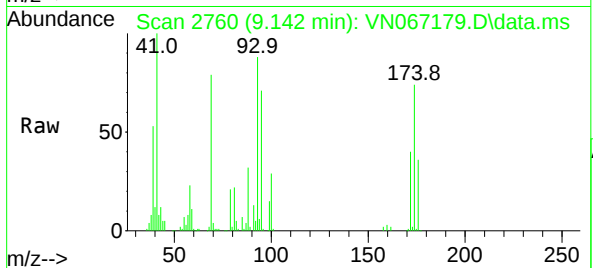




#49  
1,4-Dioxane  
Concen: 860.91 ug/l  
RT: 9.142 min Scan# 2760  
Delta R.T. -0.003 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

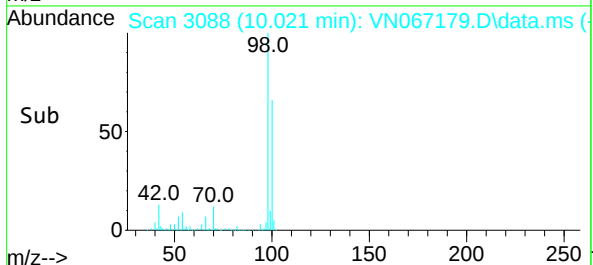
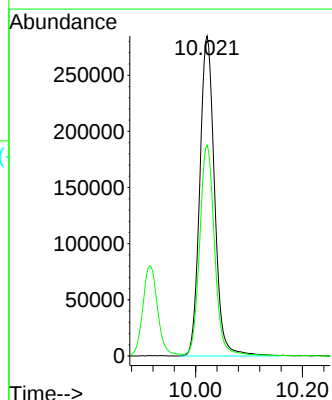
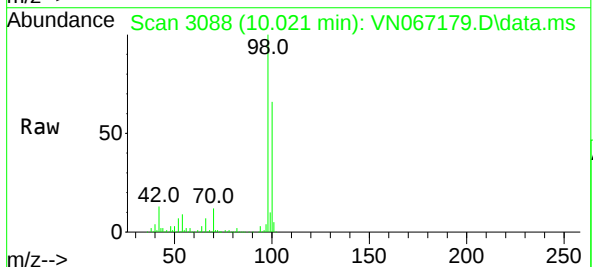
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

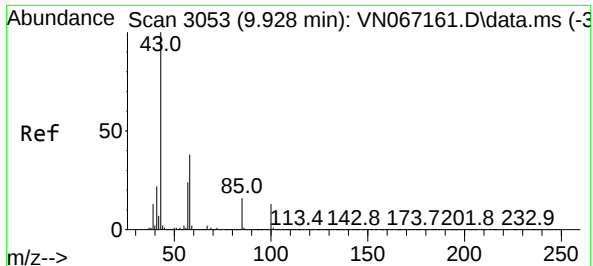
Tgt Ion: 88 Resp: 46225  
Ion Ratio Lower Upper  
88 100  
43 31.6 21.8 32.8  
58 72.8 50.8 76.2



#50  
Toluene-d8  
Concen: 52.57 ug/l  
RT: 10.021 min Scan# 3088  
Delta R.T. -0.014 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Tgt Ion: 98 Resp: 547795  
Ion Ratio Lower Upper  
98 100  
100 66.4 51.8 77.8

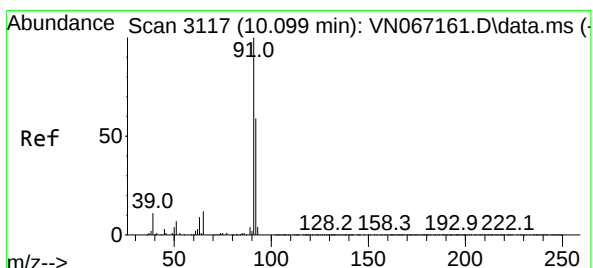
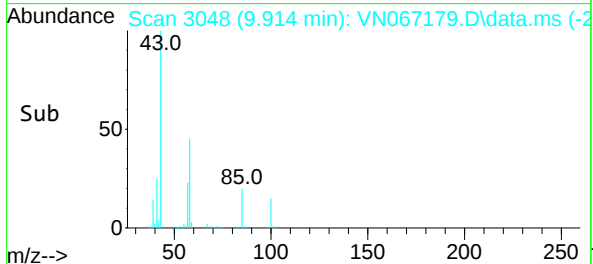
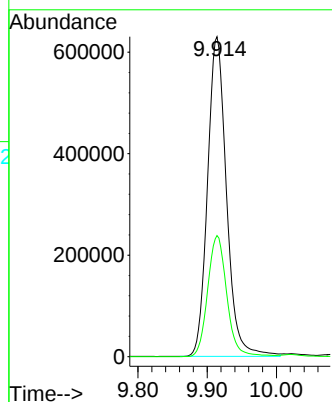
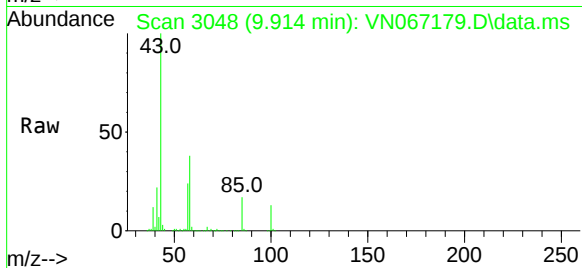




#51  
4-Methyl-2-Pentanone  
Concen: 253.98 ug/l  
RT: 9.914 min Scan# 3048  
Delta R.T. -0.014 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

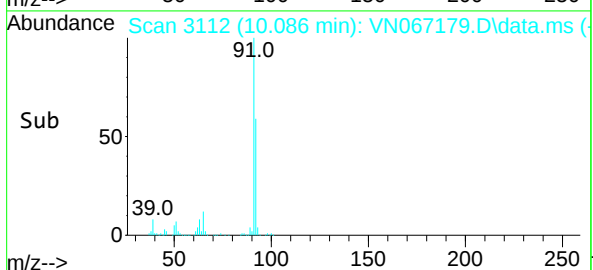
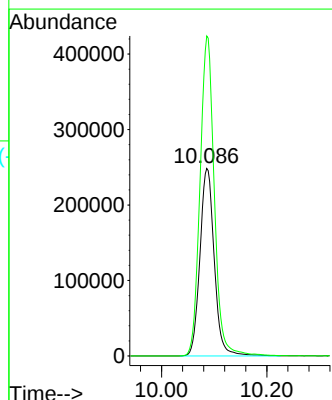
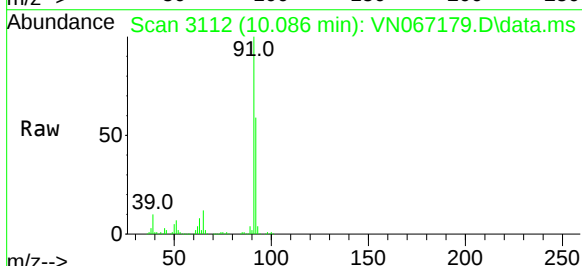
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

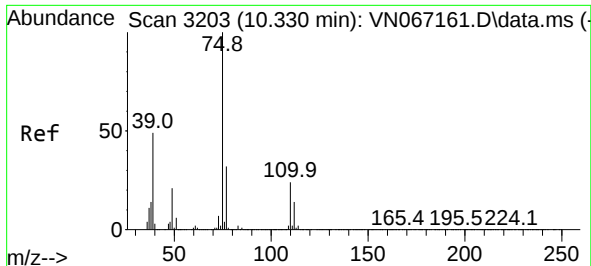
Tgt Ion: 43 Resp: 1200204  
Ion Ratio Lower Upper  
43 100  
58 38.2 34.5 51.7



#52  
Toluene  
Concen: 57.23 ug/l  
RT: 10.086 min Scan# 3112  
Delta R.T. -0.013 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Tgt Ion: 92 Resp: 470244  
Ion Ratio Lower Upper  
92 100  
91 169.2 138.7 208.1

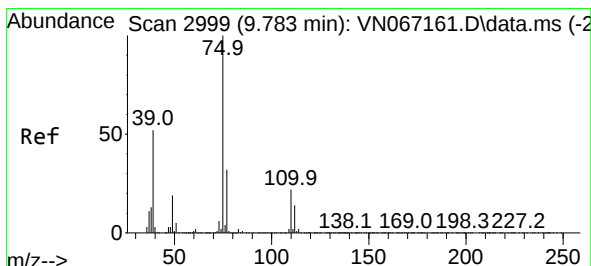
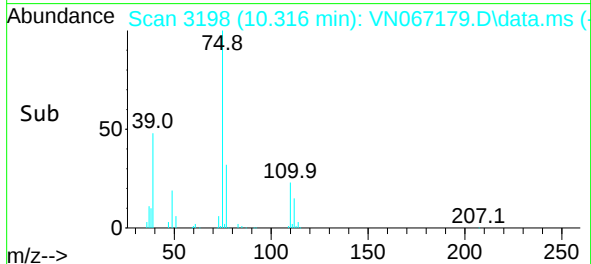
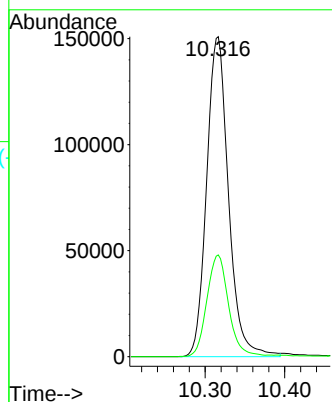
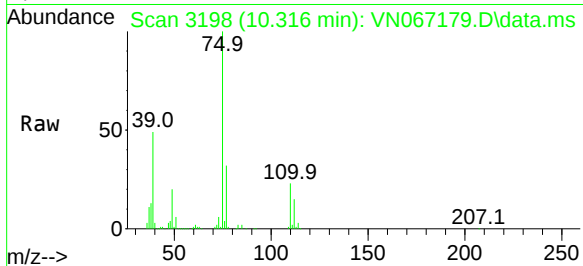




#53  
t-1,3-Dichloropropene  
Concen: 57.13 ug/l  
RT: 10.316 min Scan# 3198  
Delta R.T. -0.014 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

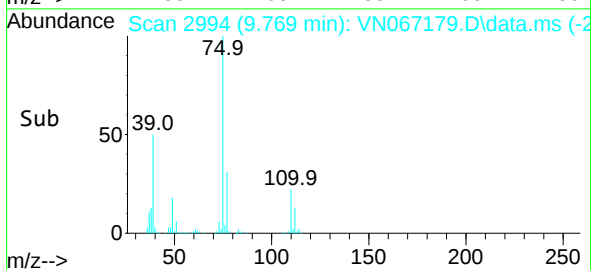
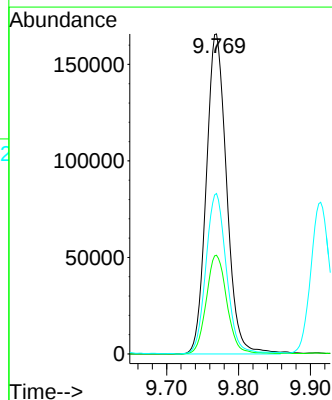
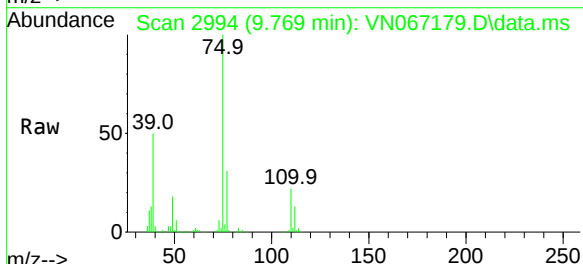
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

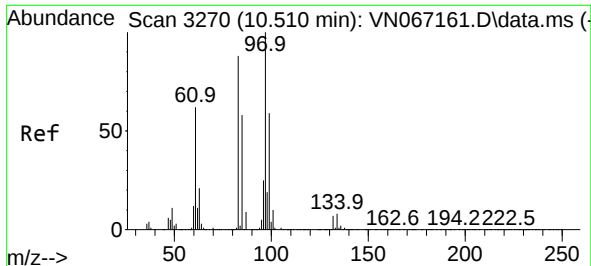
Tgt Ion: 75 Resp: 288303  
Ion Ratio Lower Upper  
75 100  
77 31.7 25.5 38.3



#54  
cis-1,3-Dichloropropene  
Concen: 57.73 ug/l  
RT: 9.769 min Scan# 2994  
Delta R.T. -0.014 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Tgt Ion: 75 Resp: 326647  
Ion Ratio Lower Upper  
75 100  
77 30.8 25.1 37.7  
39 50.2 30.9 46.3#

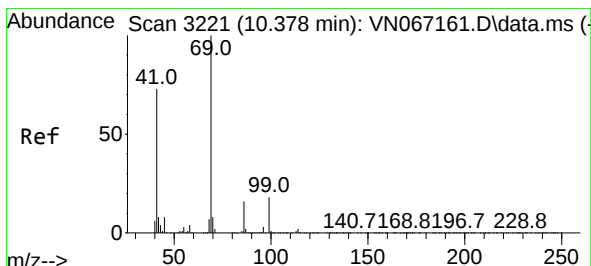
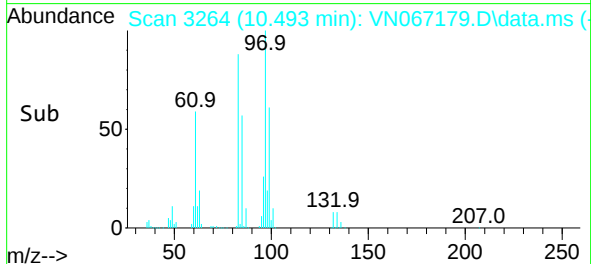
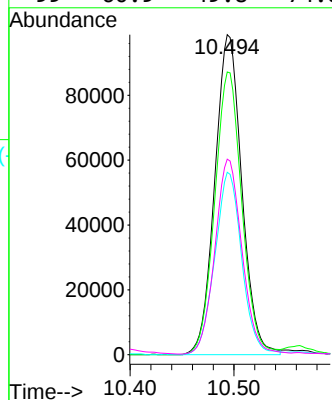
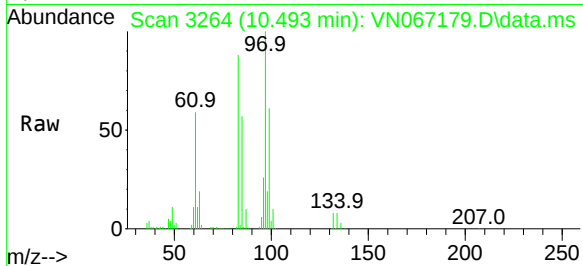




#55  
1,1,2-Trichloroethane  
Concen: 56.17 ug/l  
RT: 10.493 min Scan# 3264  
Delta R.T. -0.017 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

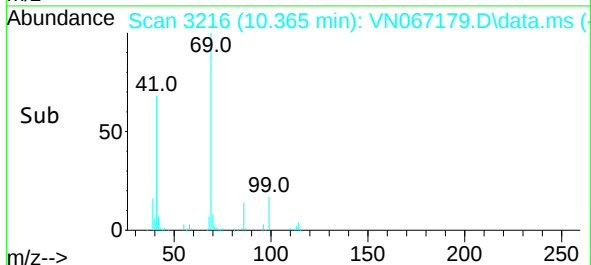
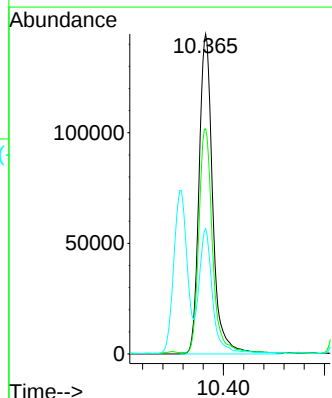
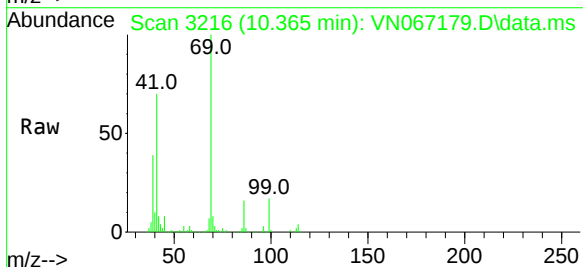
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

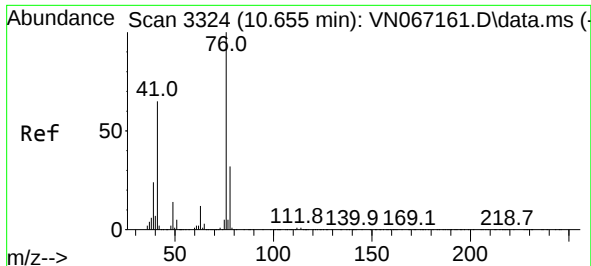
|             |              |
|-------------|--------------|
| Tgt Ion: 97 | Resp: 178273 |
| Ion Ratio   | Lower Upper  |
| 97 100      |              |
| 83 88.4     | 67.3 100.9   |
| 85 57.0     | 44.2 66.4    |
| 99 60.9     | 49.8 74.8    |



#56  
Ethyl methacrylate  
Concen: 48.48 ug/l  
RT: 10.365 min Scan# 3216  
Delta R.T. -0.013 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

|             |              |
|-------------|--------------|
| Tgt Ion: 69 | Resp: 271451 |
| Ion Ratio   | Lower Upper  |
| 69 100      |              |
| 41 68.8     | 45.5 68.3#   |
| 39 36.6     | 22.9 34.3#   |

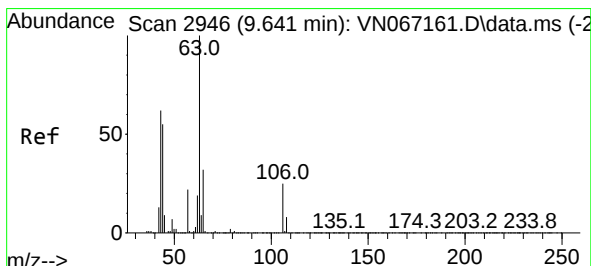
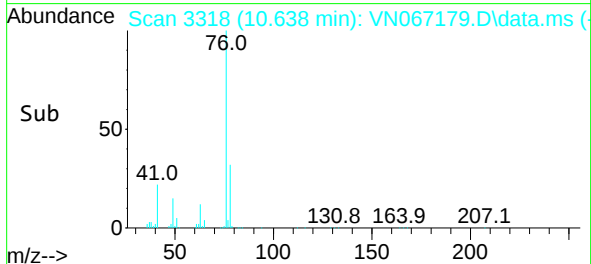
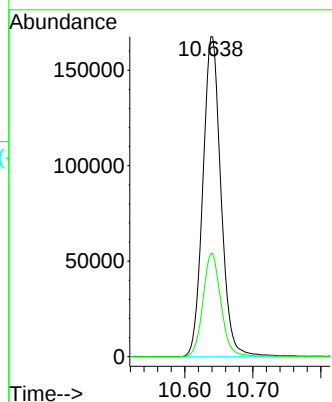
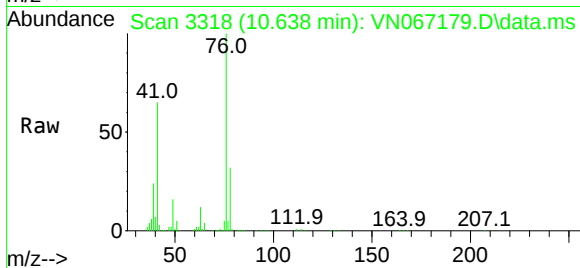




#57  
1,3-Dichloropropane  
Concen: 56.17 ug/l  
RT: 10.638 min Scan# 3318  
Delta R.T. -0.017 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

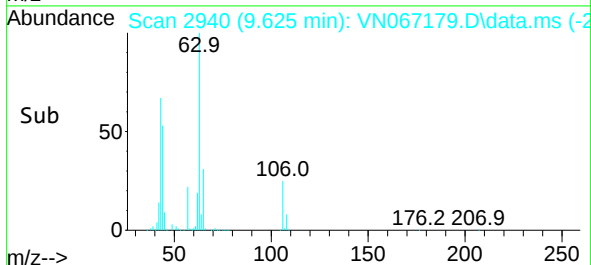
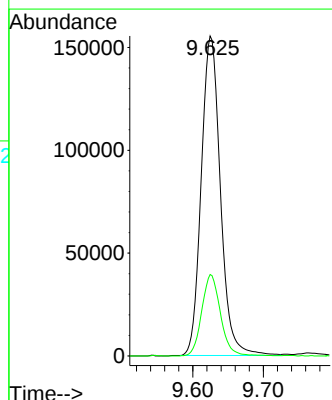
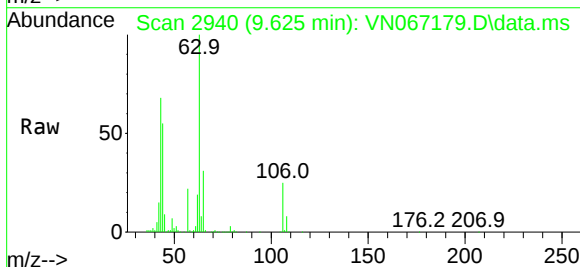
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

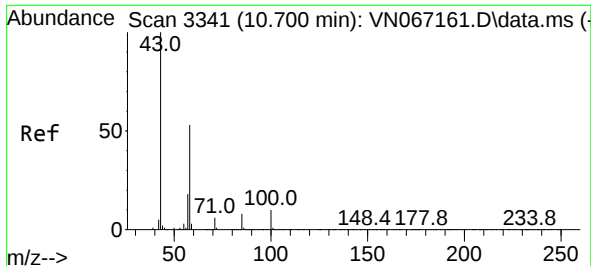
Tgt Ion: 76 Resp: 309673  
Ion Ratio Lower Upper  
76 100  
78 32.2 26.3 39.5



#58  
2-Chloroethyl Vinyl ether  
Concen: 335.99 ug/l  
RT: 9.625 min Scan# 2940  
Delta R.T. -0.016 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Tgt Ion: 63 Resp: 293905  
Ion Ratio Lower Upper  
63 100  
106 25.0 23.9 35.9

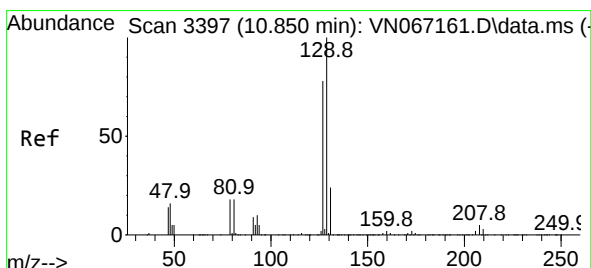
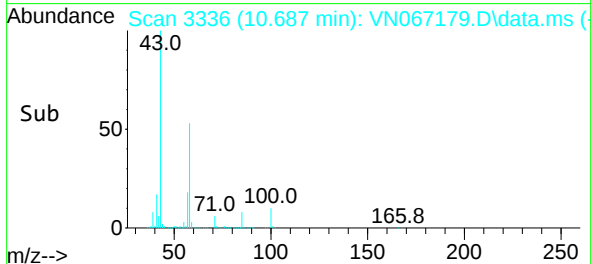
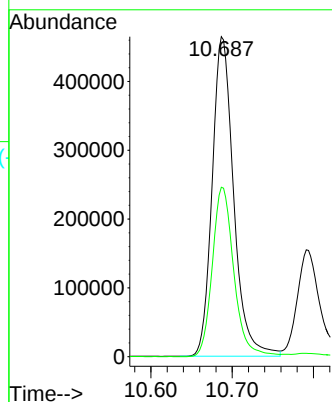
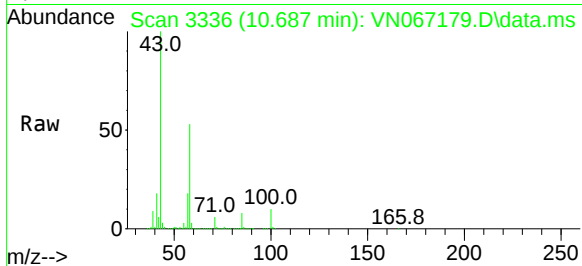




#59  
2-Hexanone  
Concen: 239.51 ug/l  
RT: 10.687 min Scan# 3336  
Delta R.T. -0.013 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

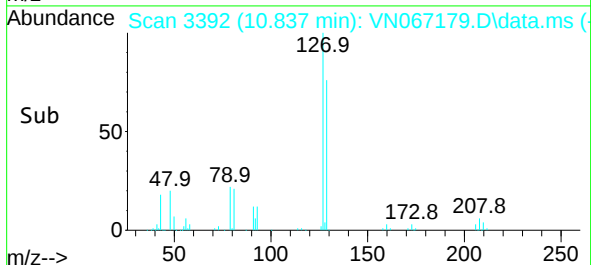
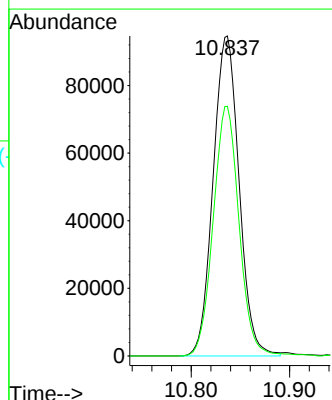
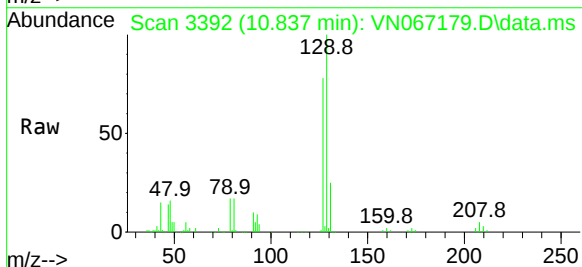
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

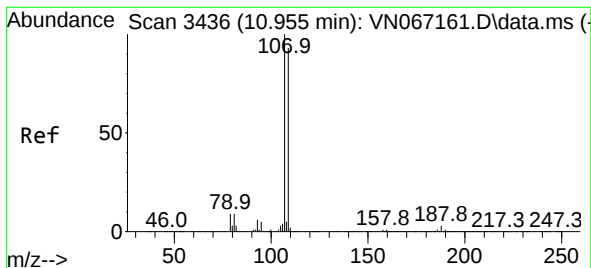
Tgt Ion: 43 Resp: 854951  
Ion Ratio Lower Upper  
43 100  
58 53.1 29.8 89.5



#60  
Dibromochloromethane  
Concen: 52.75 ug/l  
RT: 10.837 min Scan# 3392  
Delta R.T. -0.013 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Tgt Ion: 129 Resp: 173448  
Ion Ratio Lower Upper  
129 100  
127 77.7 38.9 116.6

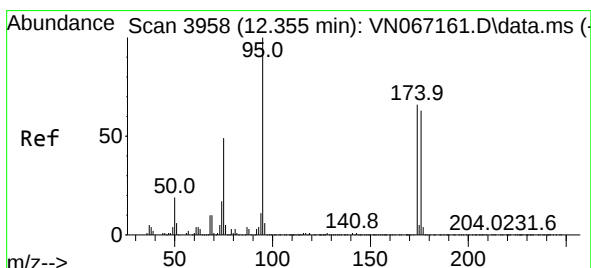
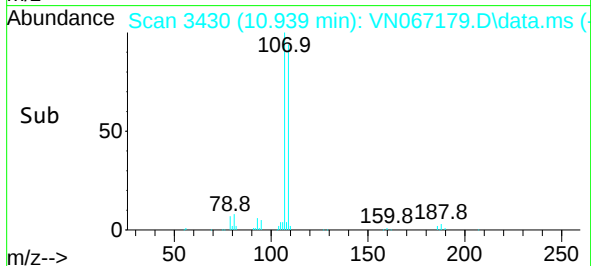
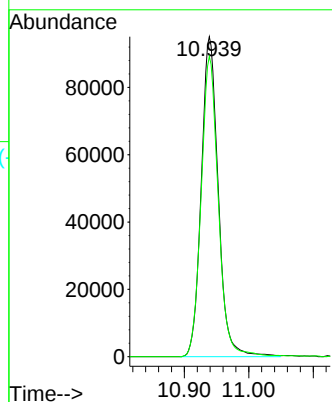
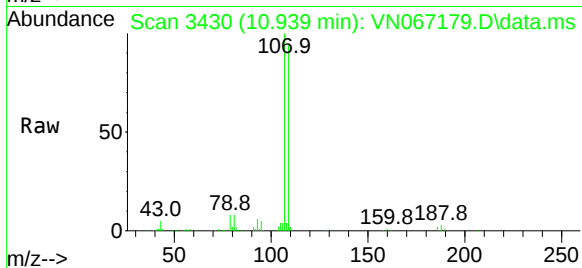




#61  
1,2-Dibromoethane  
Concen: 55.57 ug/l  
RT: 10.939 min Scan# 3430  
Delta R.T. -0.016 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

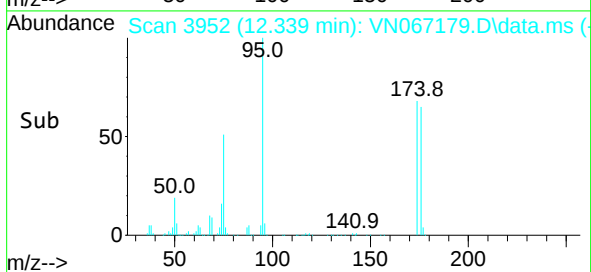
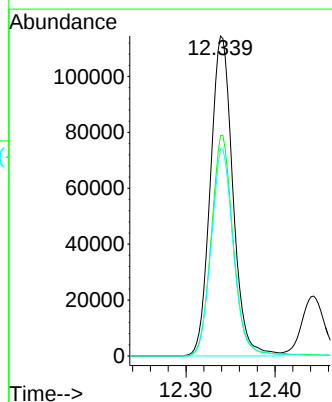
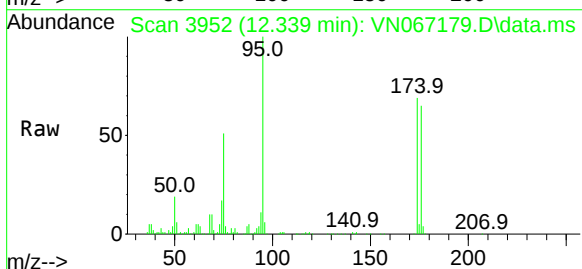
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

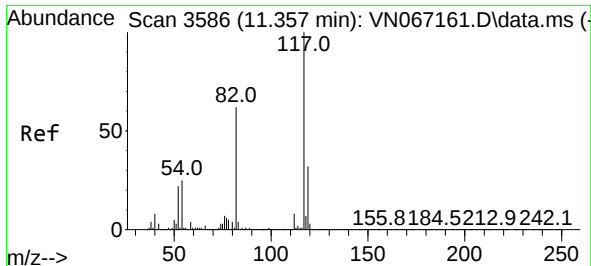
Tgt Ion:107 Resp: 174173  
Ion Ratio Lower Upper  
107 100  
109 94.8 75.8 113.6



#62  
4-Bromofluorobenzene  
Concen: 56.29 ug/l  
RT: 12.339 min Scan# 3952  
Delta R.T. -0.016 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Tgt Ion: 95 Resp: 200515  
Ion Ratio Lower Upper  
95 100  
174 67.0 0.0 182.8  
176 64.4 0.0 176.6

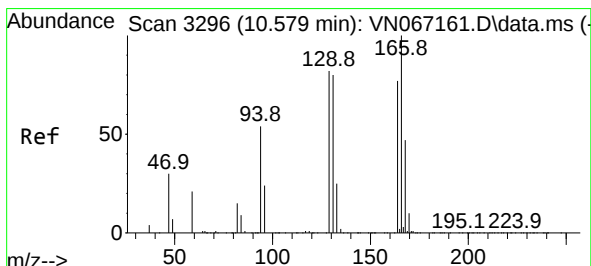
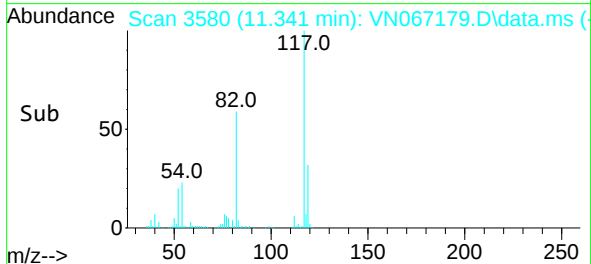
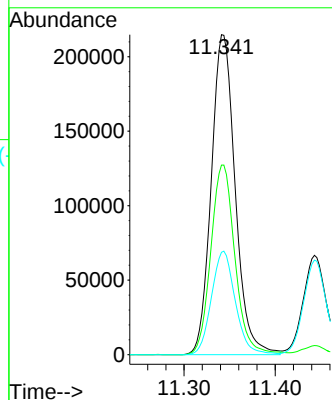
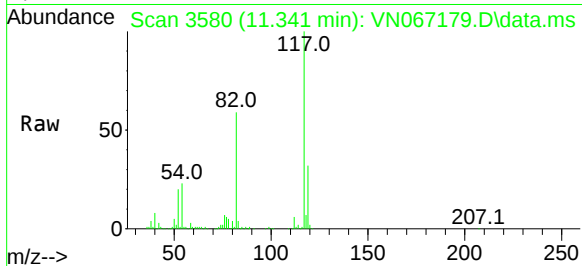




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.341 min Scan# 3580  
Delta R.T. -0.016 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

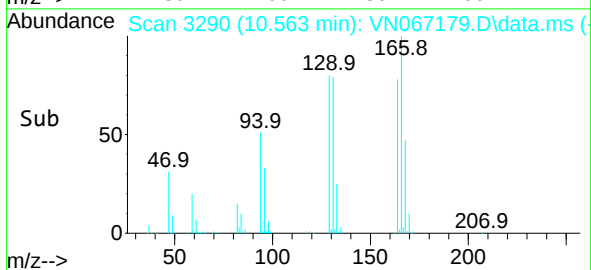
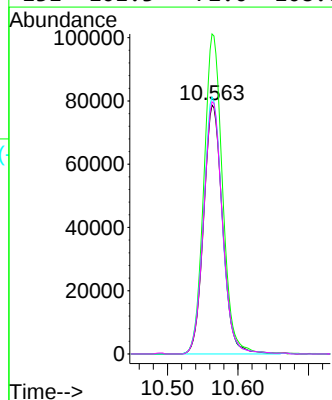
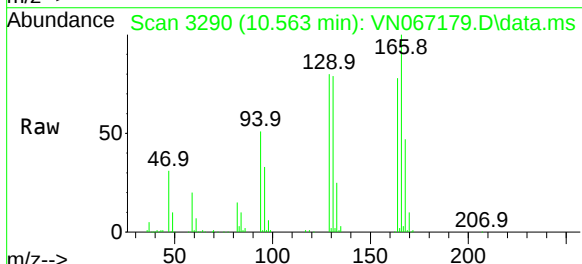
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

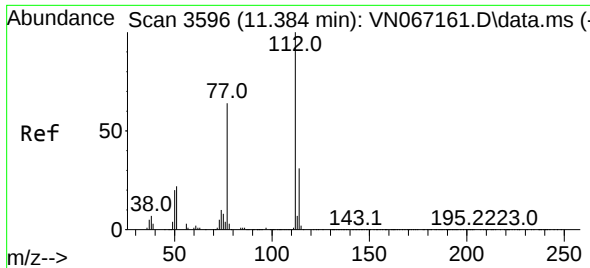
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 392241 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 59.2  | 42.2  | 63.2   |
| 119       | 32.0  | 25.8  | 38.6   |



#64  
Tetrachloroethene  
Concen: 54.49 ug/l  
RT: 10.563 min Scan# 3290  
Delta R.T. -0.016 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 145981 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 166       | 128.6 | 103.0 | 154.6  |
| 129       | 103.2 | 73.3  | 109.9  |
| 131       | 101.3 | 72.0  | 108.0  |

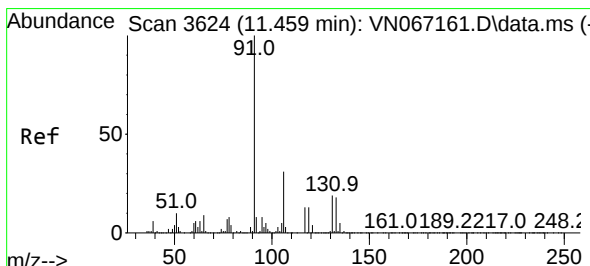
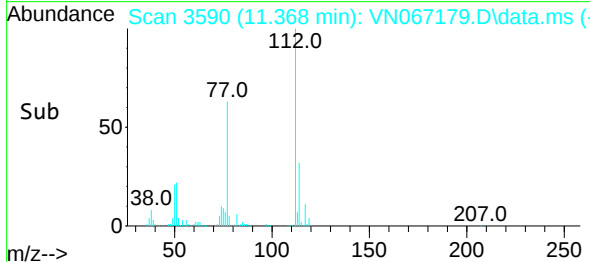
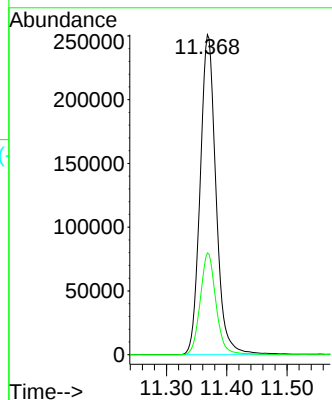
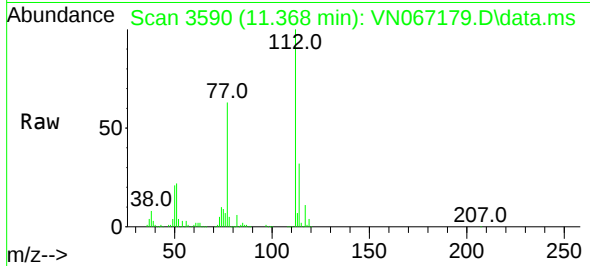




#65  
Chlorobenzene  
Concen: 57.32 ug/l  
RT: 11.368 min Scan# 3590  
Delta R.T. -0.016 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

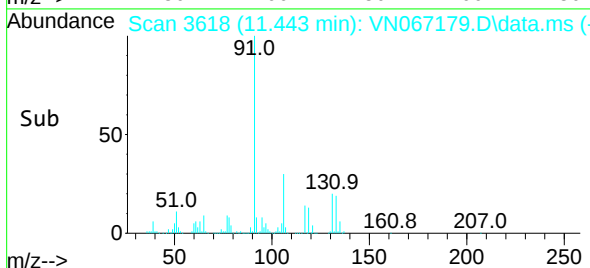
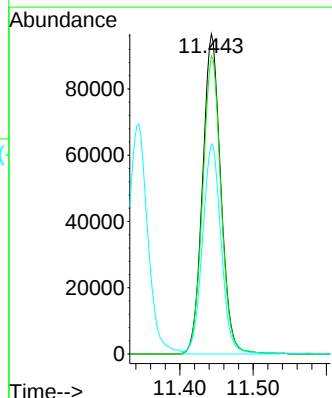
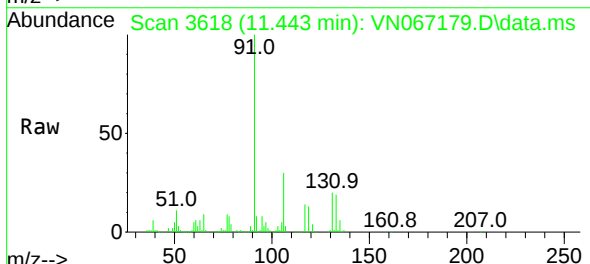
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

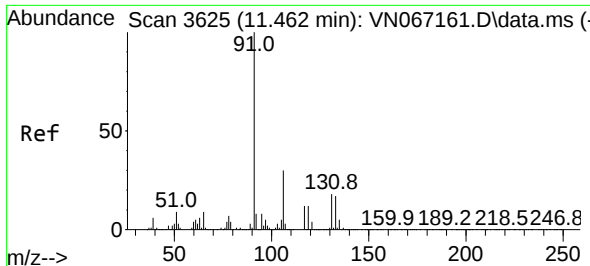
Tgt Ion:112 Resp: 459140  
Ion Ratio Lower Upper  
112 100  
114 31.8 25.6 38.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 54.51 ug/l  
RT: 11.443 min Scan# 3618  
Delta R.T. -0.016 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Tgt Ion:131 Resp: 166085  
Ion Ratio Lower Upper  
131 100  
133 94.0 47.8 143.3  
119 66.4 33.8 101.3

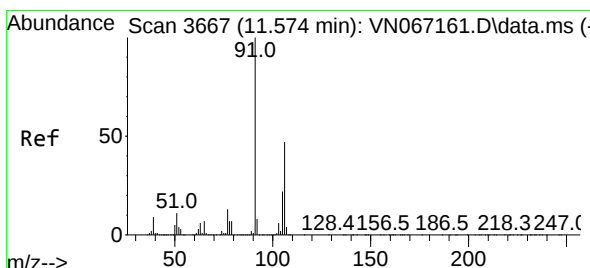
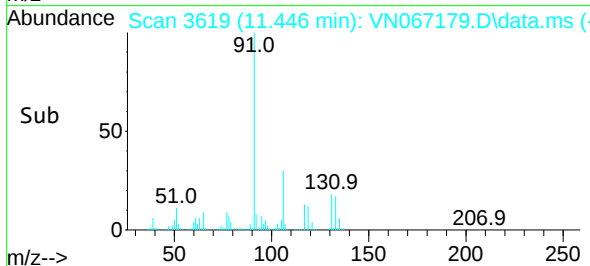
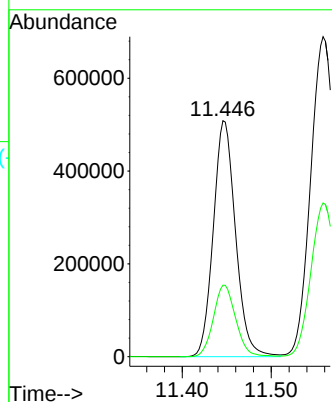
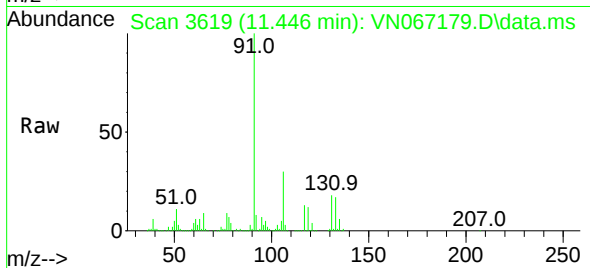




#67  
Ethyl Benzene  
Concen: 58.83 ug/l  
RT: 11.446 min Scan# 3619  
Delta R.T. -0.016 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

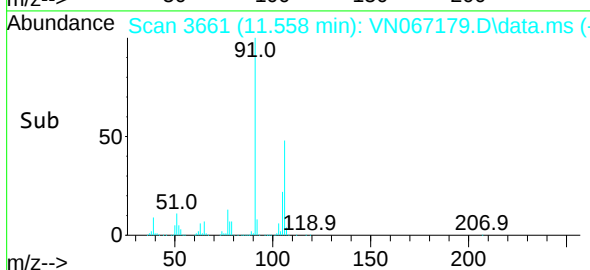
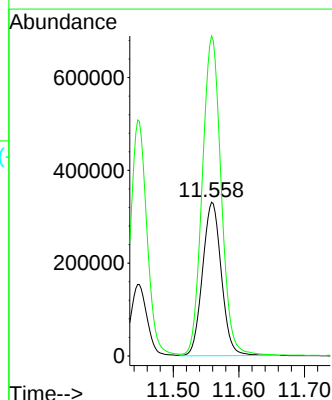
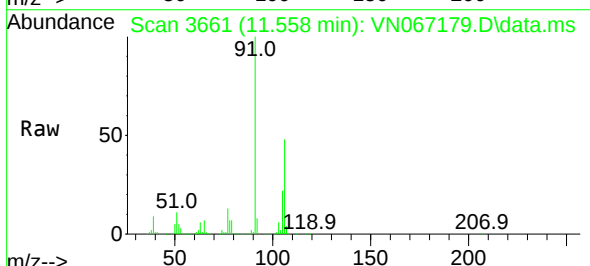
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

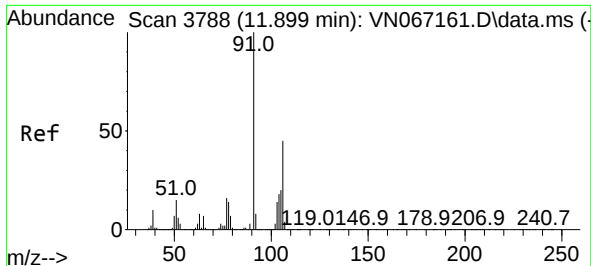
Tgt Ion: 91 Resp: 883445  
Ion Ratio Lower Upper  
91 100  
106 30.3 26.2 39.2



#68  
m/p-Xylenes  
Concen: 123.78 ug/l  
RT: 11.558 min Scan# 3661  
Delta R.T. -0.016 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Tgt Ion: 106 Resp: 657967  
Ion Ratio Lower Upper  
106 100  
91 209.4 155.2 232.8

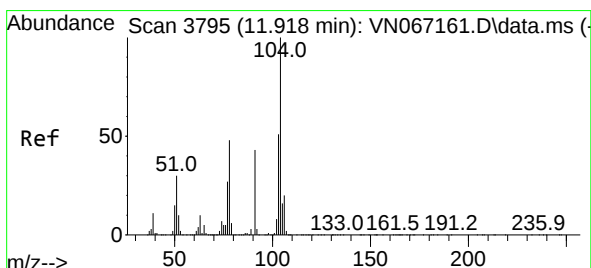
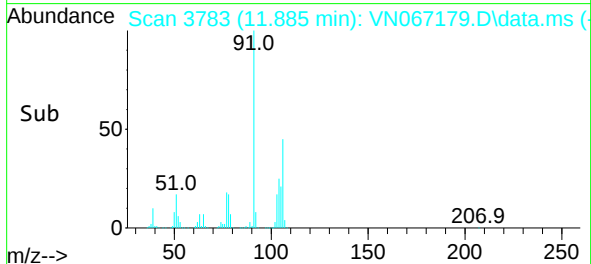
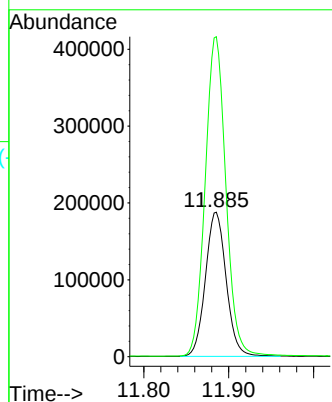
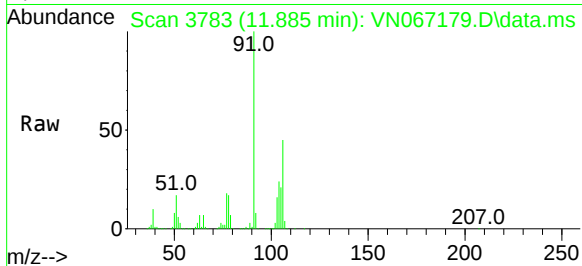




#69  
o-Xylene  
Concen: 58.22 ug/l  
RT: 11.885 min Scan# 3783  
Delta R.T. -0.014 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

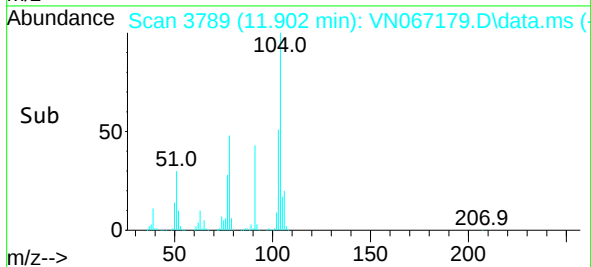
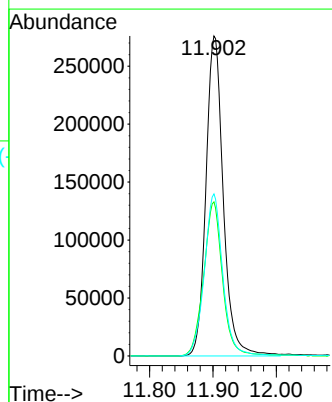
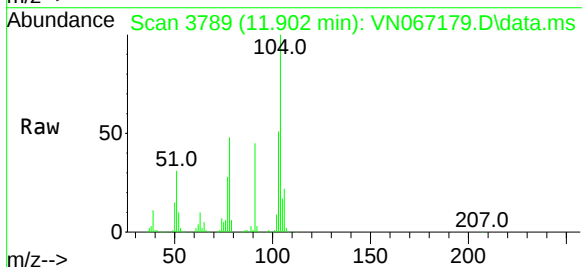
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

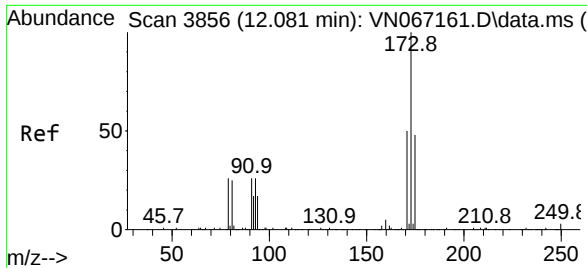
Tgt Ion:106 Resp: 318616  
Ion Ratio Lower Upper  
106 100  
91 221.7 102.3 306.8



#70  
Styrene  
Concen: 55.02 ug/l  
RT: 11.902 min Scan# 3789  
Delta R.T. -0.016 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Tgt Ion:104 Resp: 524981  
Ion Ratio Lower Upper  
104 100  
78 52.5 37.7 56.5  
103 54.2 44.2 66.4

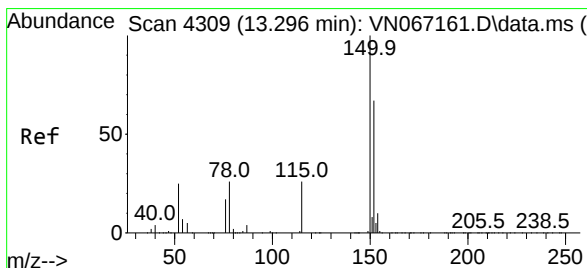
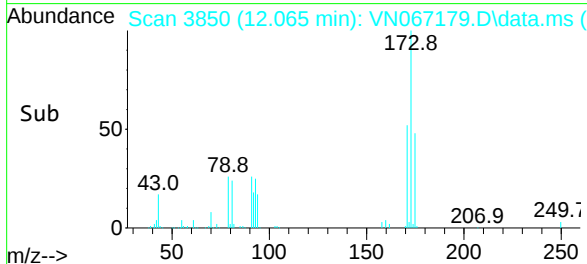
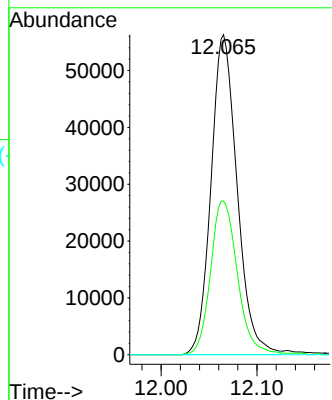
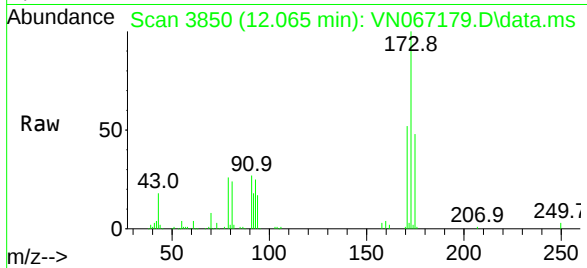




#71  
Bromoform  
Concen: 52.36 ug/l  
RT: 12.065 min Scan# 3850  
Delta R.T. -0.016 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

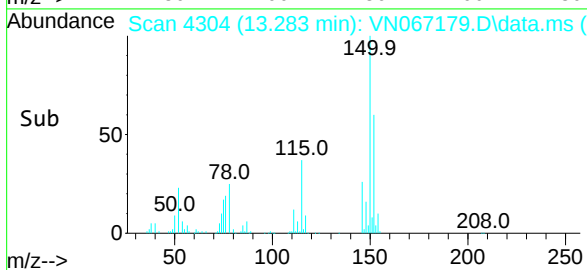
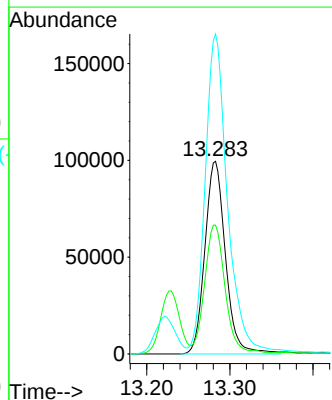
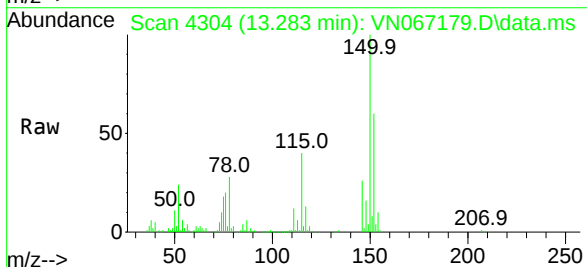
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

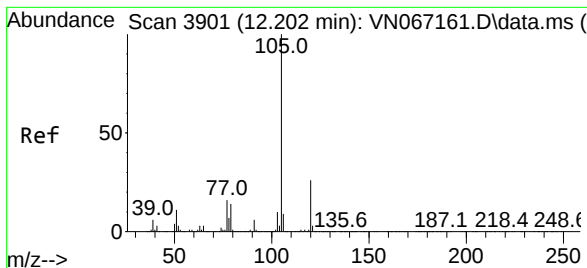
Tgt Ion:173 Resp: 106189  
Ion Ratio Lower Upper  
173 100  
175 49.7 24.3 73.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.283 min Scan# 4304  
Delta R.T. -0.013 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Tgt Ion:152 Resp: 171262  
Ion Ratio Lower Upper  
152 100  
115 62.1 27.0 80.8  
150 177.9 0.0 350.2





#73

Isopropylbenzene

Concen: 50.70 ug/l

RT: 12.188 min Scan# 3896

Delta R.T. -0.014 min

Lab File: VN067179.D

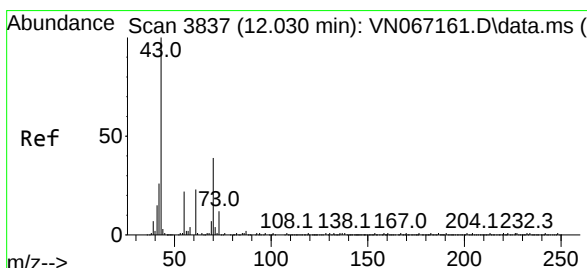
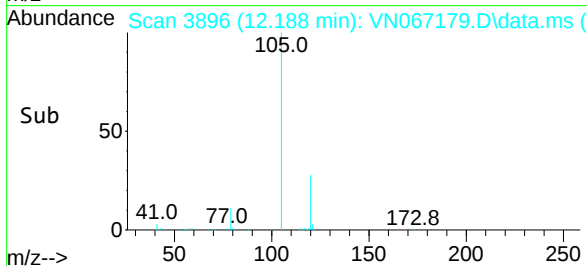
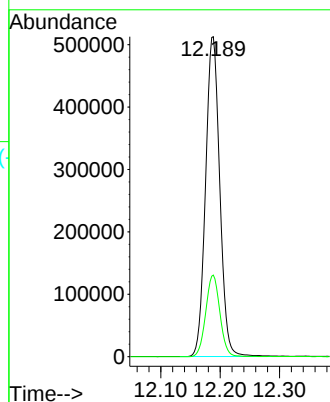
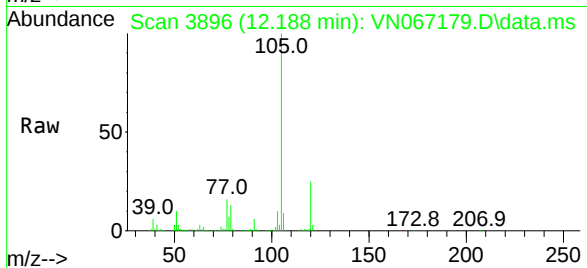
Acq: 28 May 2021 13:07

Tgt Ion:105 Resp: 849611

Ion Ratio Lower Upper

105 100

120 25.4 13.7 41.0



#74

N-ethyl acetate

Concen: 71.85 ug/l

RT: 12.014 min Scan# 3831

Delta R.T. -0.016 min

Lab File: VN067179.D

Acq: 28 May 2021 13:07

Tgt Ion: 43 Resp: 227313

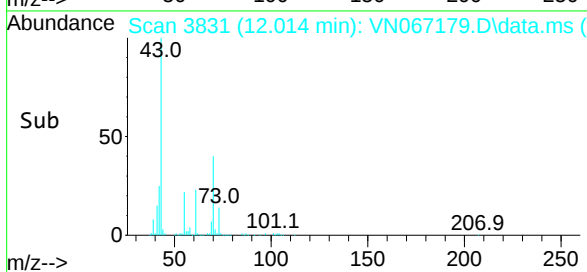
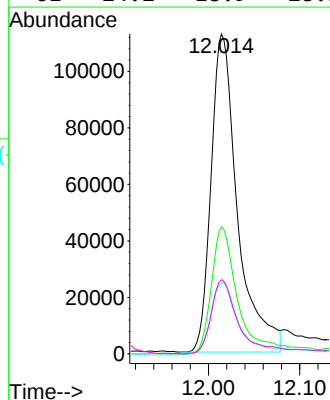
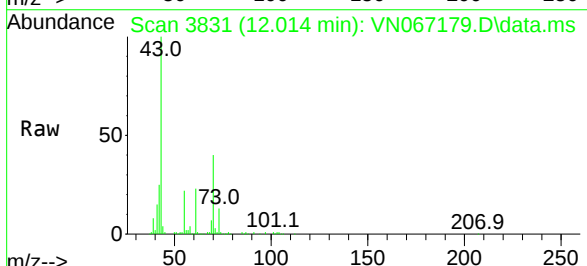
Ion Ratio Lower Upper

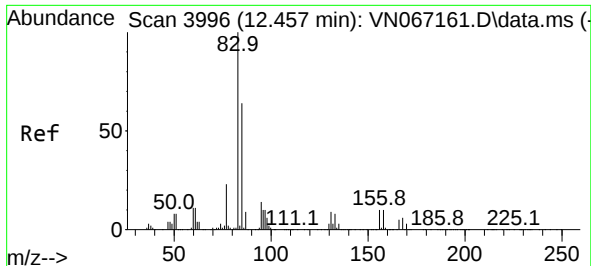
43 100

70 41.6 36.7 55.1

55 22.9 17.6 26.4

61 24.2 18.9 28.3

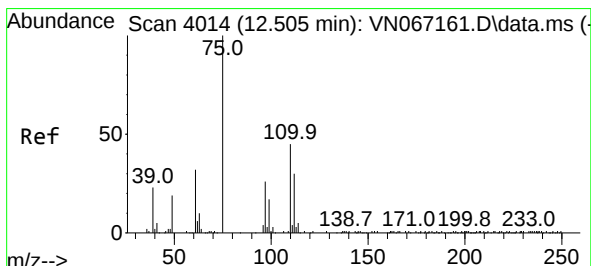
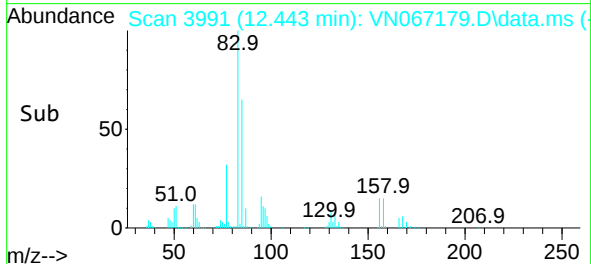
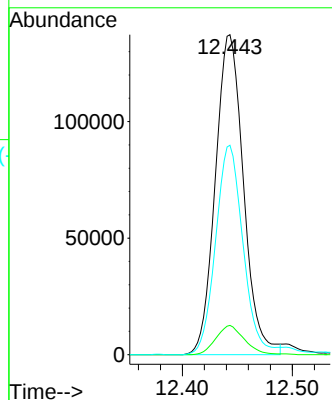
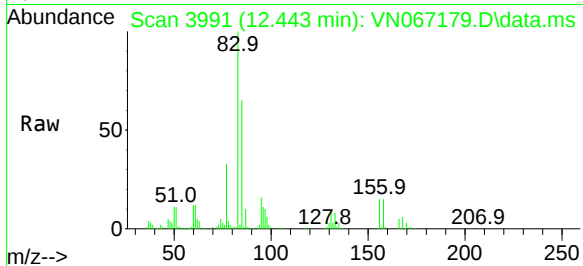




#75  
1,1,2,2-Tetrachloroethane  
Concen: 43.79 ug/l  
RT: 12.443 min Scan# 3991  
Delta R.T. -0.014 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

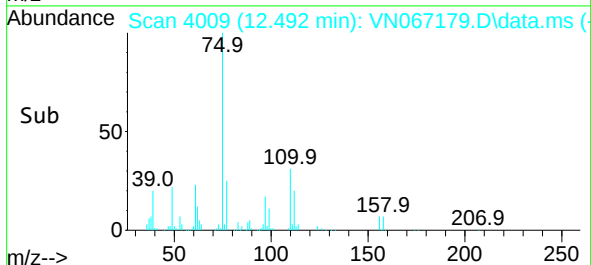
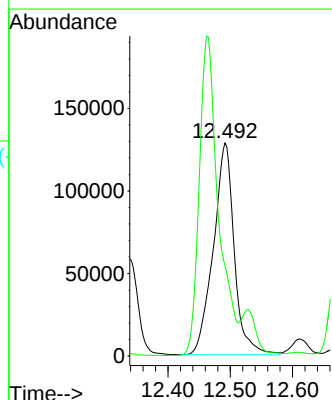
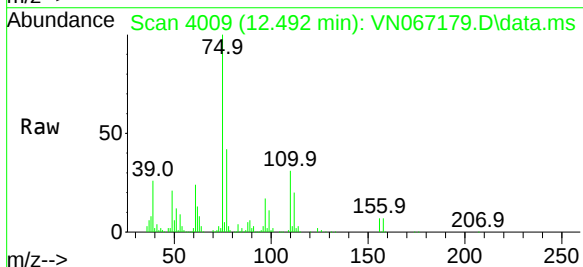
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

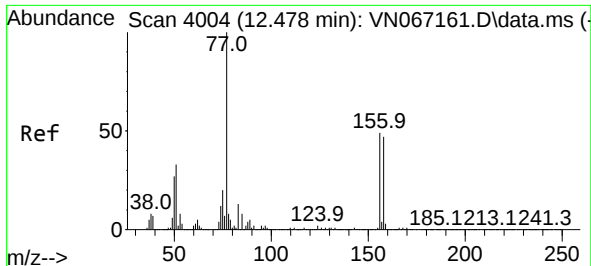
Tgt Ion: 83 Resp: 244360  
Ion Ratio Lower Upper  
83 100  
131 9.3 5.3 16.1  
85 63.7 32.6 97.8



#76  
1,2,3-Trichloropropane  
Concen: 62.97 ug/l  
RT: 12.492 min Scan# 4009  
Delta R.T. -0.013 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Tgt Ion: 75 Resp: 300236  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

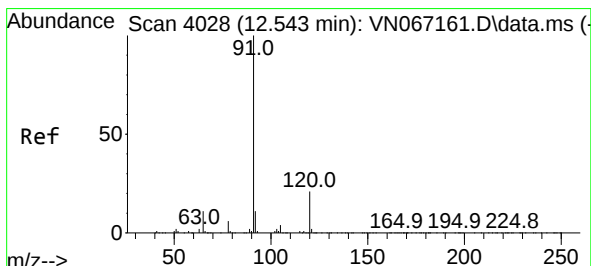
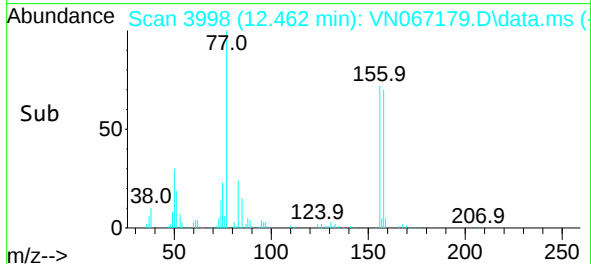
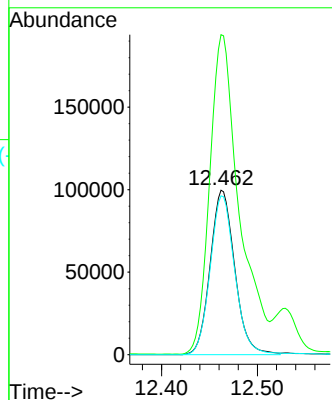
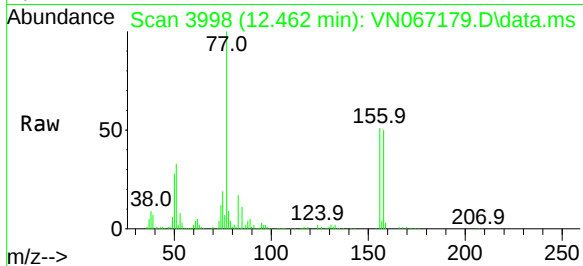




#77  
Bromobenzene  
Concen: 52.20 ug/l  
RT: 12.462 min Scan# 3998  
Delta R.T. -0.016 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

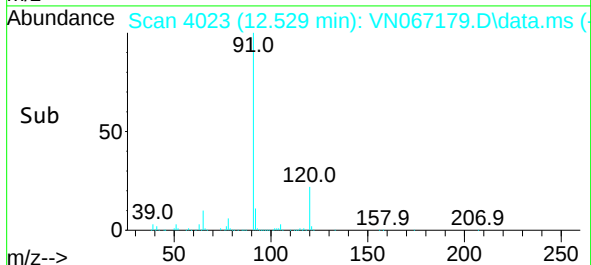
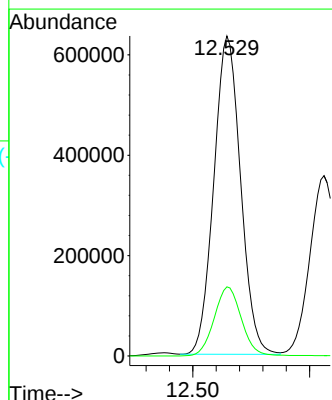
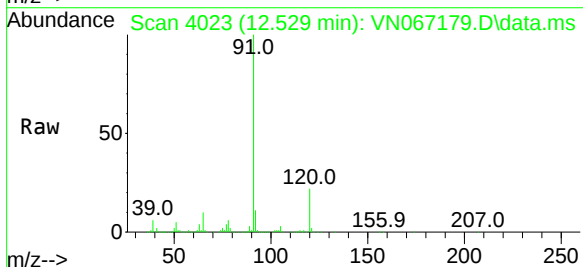
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

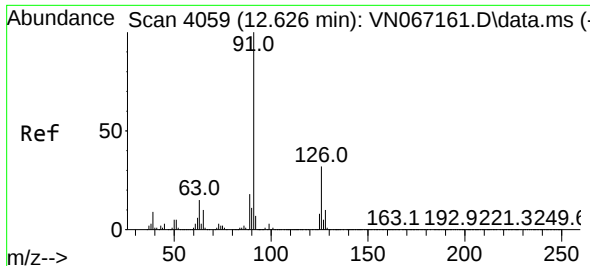
Tgt Ion:156 Resp: 177611  
Ion Ratio Lower Upper  
156 100  
77 233.0 87.9 263.8  
158 96.9 49.0 147.2



#78  
n-propylbenzene  
Concen: 56.03 ug/l  
RT: 12.529 min Scan# 4023  
Delta R.T. -0.014 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Tgt Ion: 91 Resp: 1008234  
Ion Ratio Lower Upper  
91 100  
120 22.1 12.7 38.0

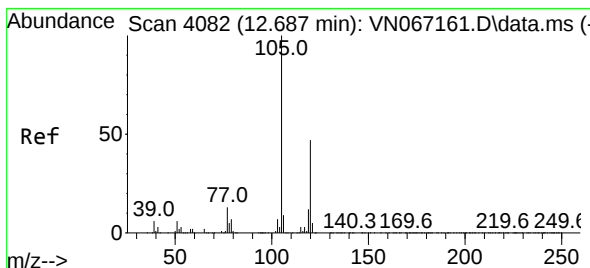
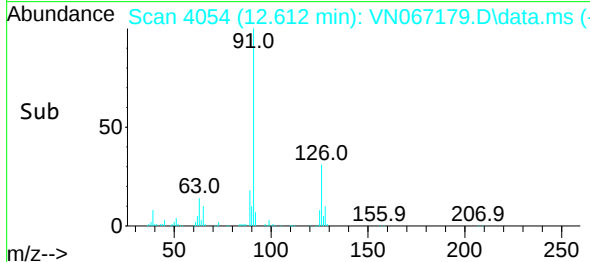
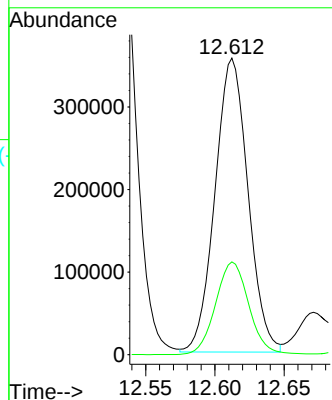
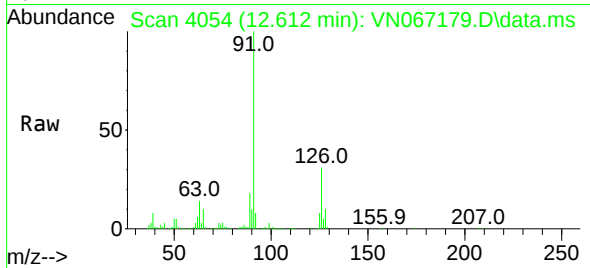




#79  
2-Chlorotoluene  
Concen: 50.71 ug/l  
RT: 12.612 min Scan# 4054  
Delta R.T. -0.014 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

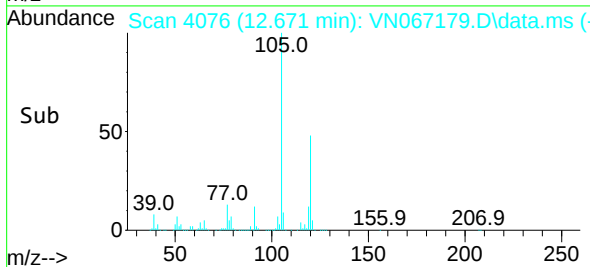
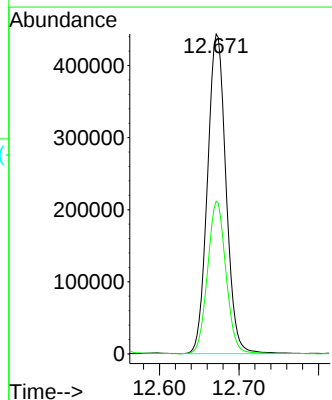
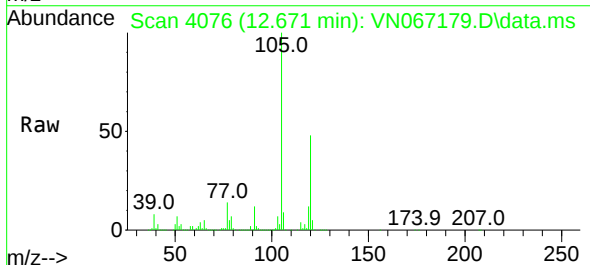
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

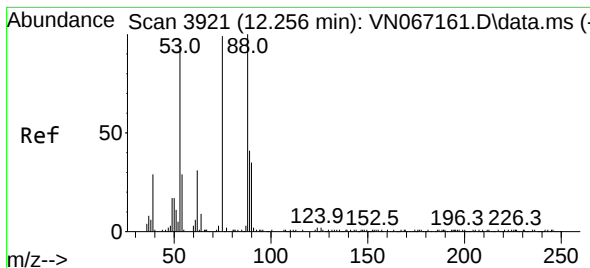
Tgt Ion: 91 Resp: 590606  
Ion Ratio Lower Upper  
91 100  
126 32.0 18.3 54.8



#80  
1,3,5-Trimethylbenzene  
Concen: 51.91 ug/l  
RT: 12.671 min Scan# 4076  
Delta R.T. -0.016 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Tgt Ion: 105 Resp: 717722  
Ion Ratio Lower Upper  
105 100  
120 47.2 25.0 75.0

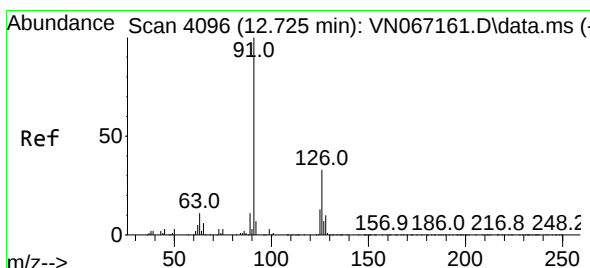
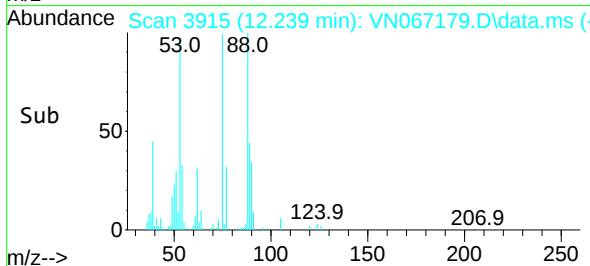
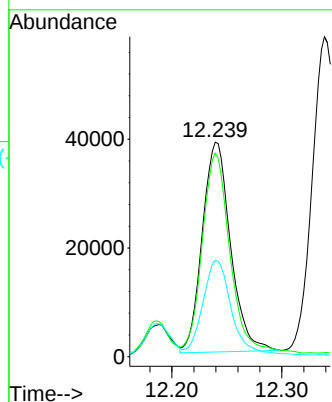
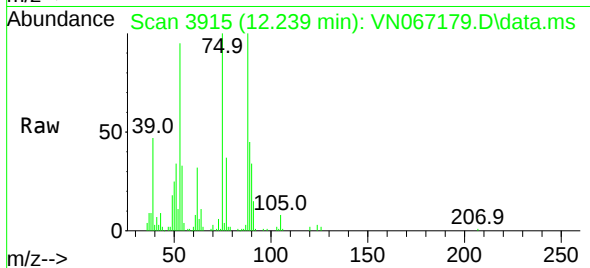




#81  
trans-1,4-Dichloro-2-butene  
Concen: 43.67 ug/l  
RT: 12.239 min Scan# 3915  
Delta R.T. -0.017 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

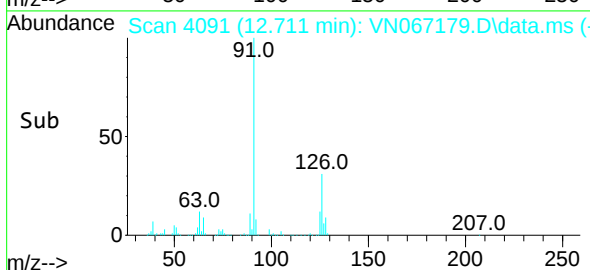
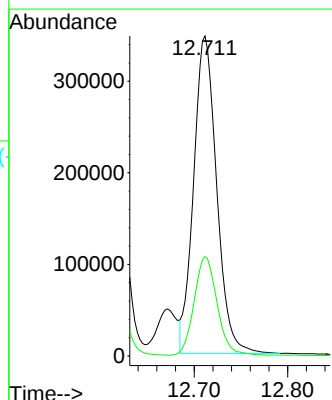
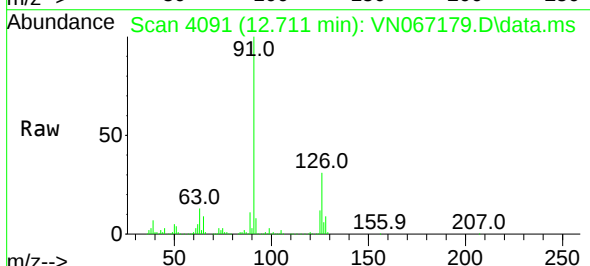
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

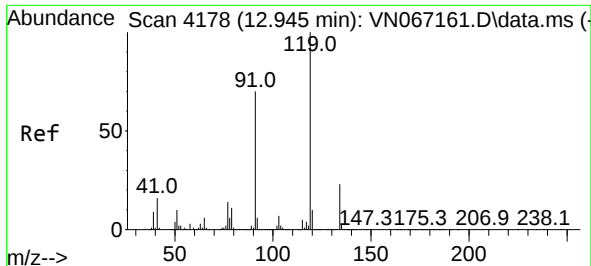
Tgt Ion: 75 Resp: 69038  
Ion Ratio Lower Upper  
75 100  
53 95.5 66.3 99.5  
89 46.5 39.5 59.3



#82  
4-Chlorotoluene  
Concen: 56.91 ug/l  
RT: 12.711 min Scan# 4091  
Delta R.T. -0.014 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Tgt Ion: 91 Resp: 594274  
Ion Ratio Lower Upper  
91 100  
126 31.0 17.7 53.1

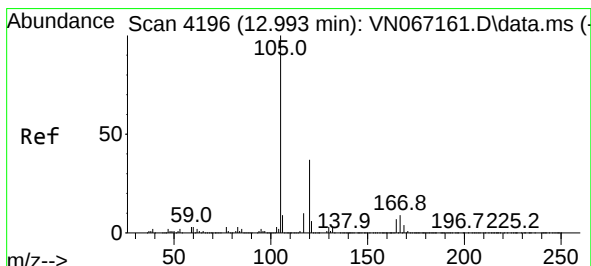
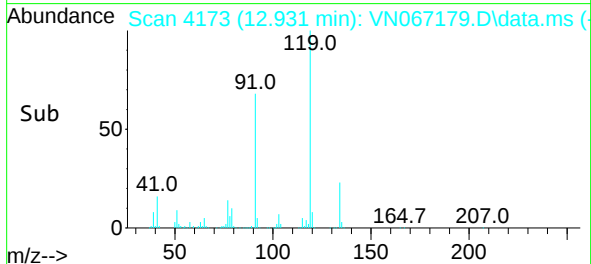
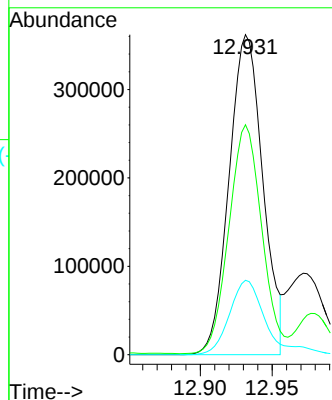
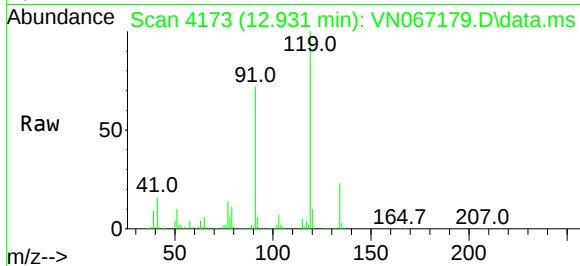




#83  
tert-Butylbenzene  
Concen: 47.70 ug/l  
RT: 12.931 min Scan# 4173  
Delta R.T. -0.014 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

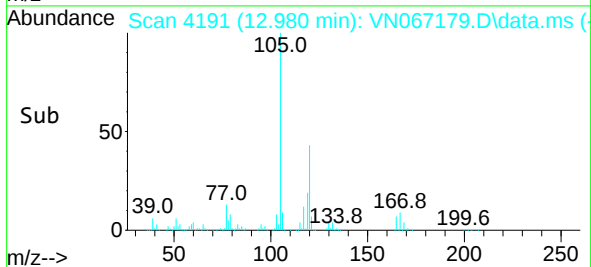
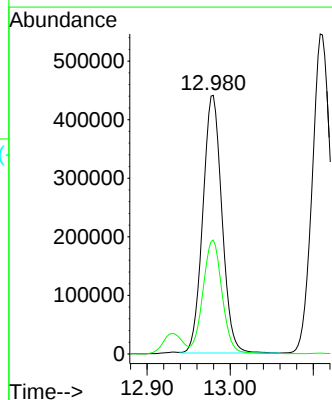
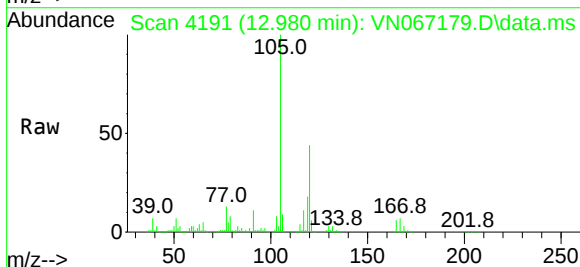
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

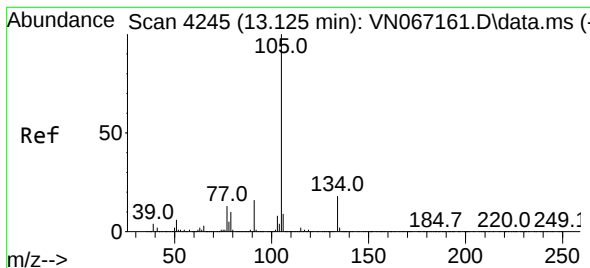
Tgt Ion:119 Resp: 591348  
Ion Ratio Lower Upper  
119 100  
91 70.0 30.2 90.6  
134 25.1 13.0 39.0



#84  
1,2,4-Trimethylbenzene  
Concen: 56.07 ug/l  
RT: 12.980 min Scan# 4191  
Delta R.T. -0.013 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Tgt Ion:105 Resp: 701606  
Ion Ratio Lower Upper  
105 100  
120 44.1 23.8 71.2

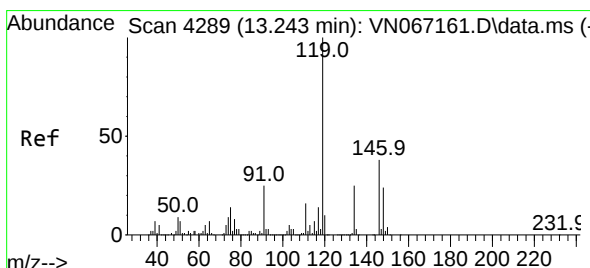
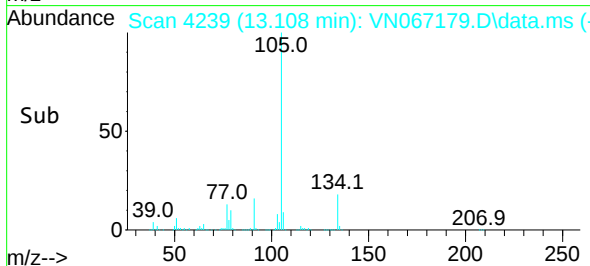
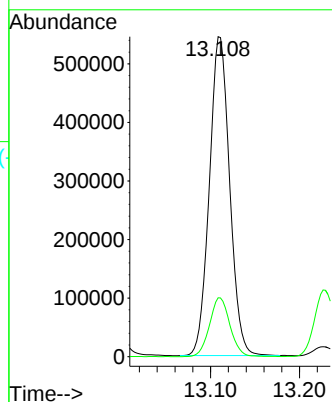
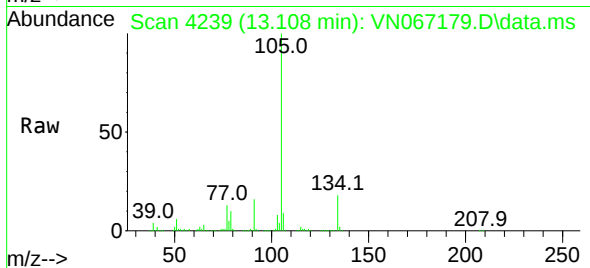




#85  
 sec-Butylbenzene  
 Concen: 55.48 ug/l  
 RT: 13.108 min Scan# 4239  
 Delta R.T. -0.017 min  
 Lab File: VN067179.D  
 Acq: 28 May 2021 13:07

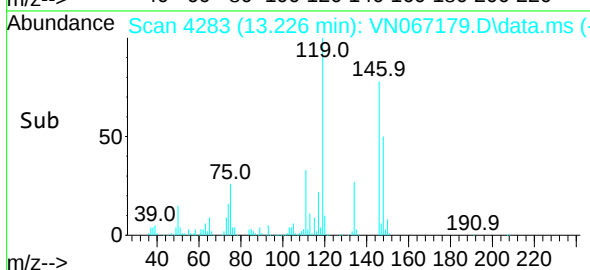
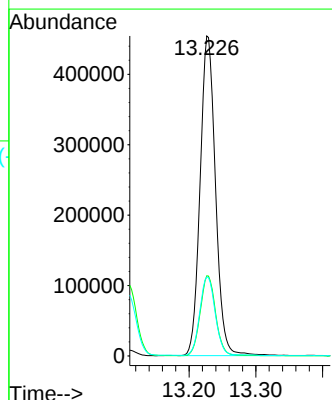
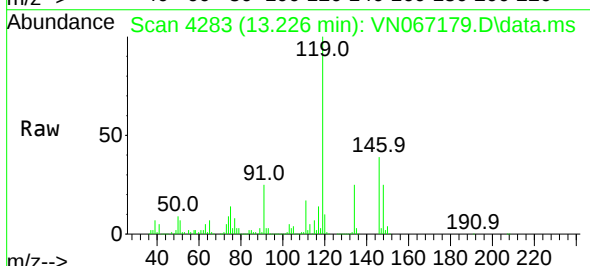
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 ClientSampleId :  
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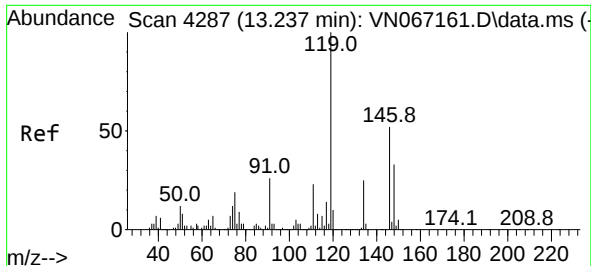
Tgt Ion:105 Resp: 862468  
 Ion Ratio Lower Upper  
 105 100  
 134 18.7 10.5 31.5



#86  
 p-Isopropyltoluene  
 Concen: 59.91 ug/l  
 RT: 13.226 min Scan# 4283  
 Delta R.T. -0.017 min  
 Lab File: VN067179.D  
 Acq: 28 May 2021 13:07

Tgt Ion:119 Resp: 727742  
 Ion Ratio Lower Upper  
 119 100  
 134 24.9 13.3 39.9  
 91 24.9 10.7 32.1



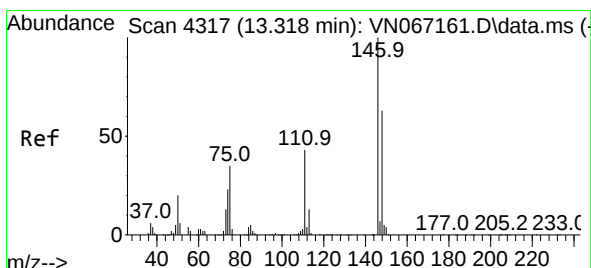
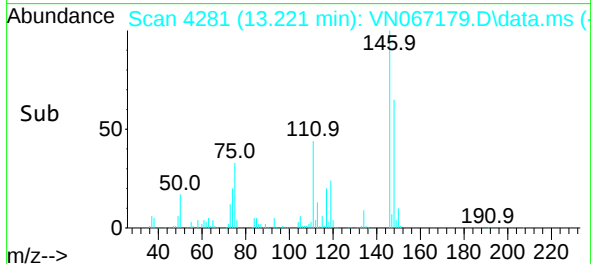
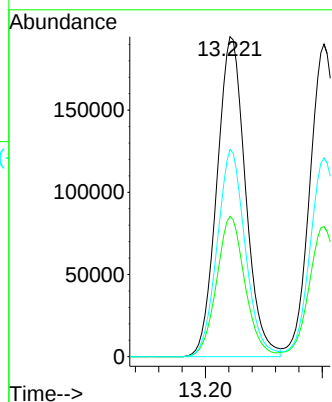
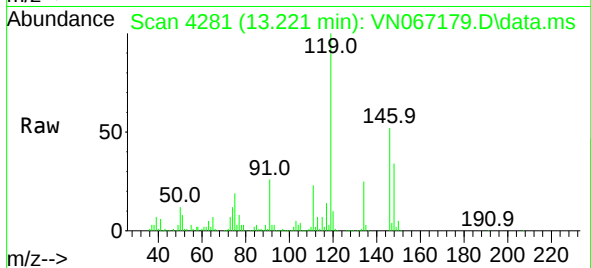


#87

1,3-Dichlorobenzene  
Concen: 58.39 ug/l  
RT: 13.221 min Scan# 4281  
Delta R.T. -0.016 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

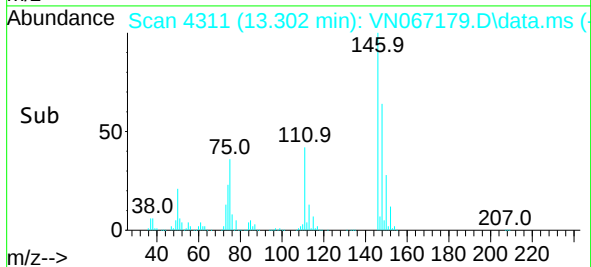
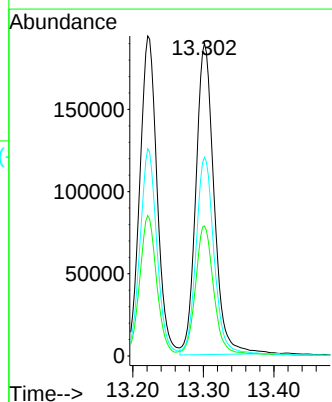
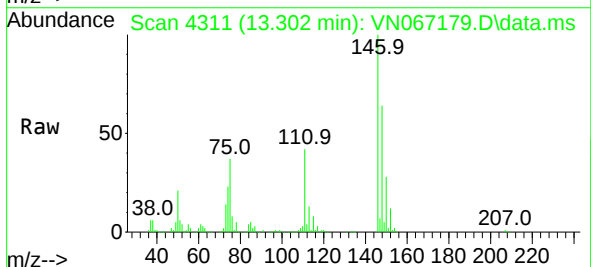
Tgt Ion:146 Resp: 330561  
Ion Ratio Lower Upper  
146 100  
111 43.5 19.3 57.8  
148 63.7 32.0 96.2

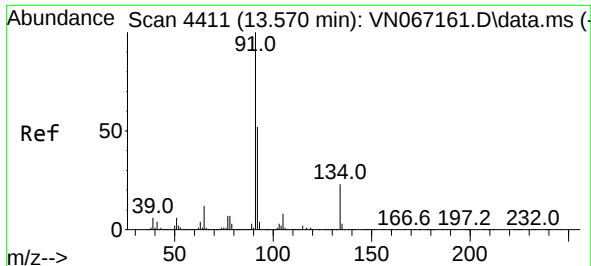


#88

1,4-Dichlorobenzene  
Concen: 56.30 ug/l  
RT: 13.302 min Scan# 4311  
Delta R.T. -0.016 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Tgt Ion:146 Resp: 339602  
Ion Ratio Lower Upper  
146 100  
111 42.3 18.5 55.5  
148 62.7 31.4 94.3

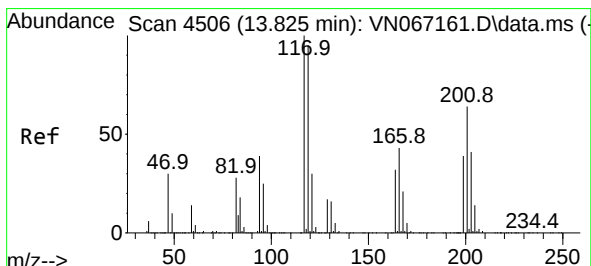
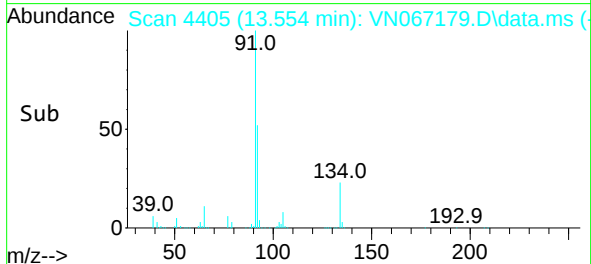
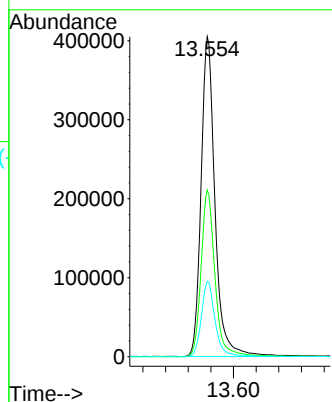
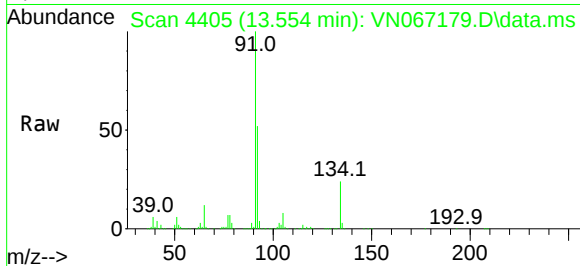




#89  
n-Butylbenzene  
Concen: 68.53 ug/l  
RT: 13.554 min Scan# 4405  
Delta R.T. -0.016 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

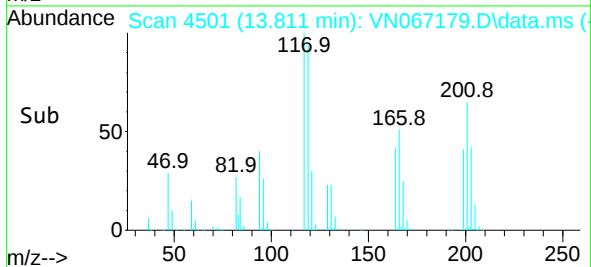
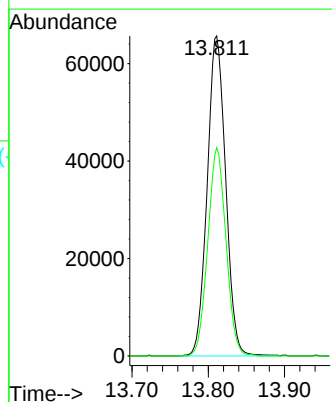
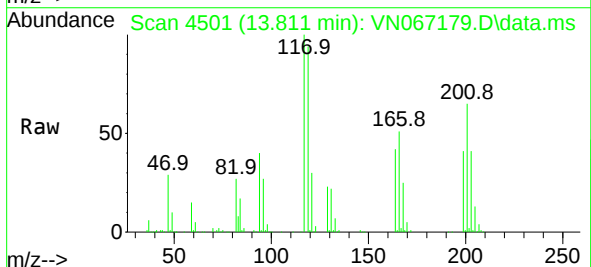
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

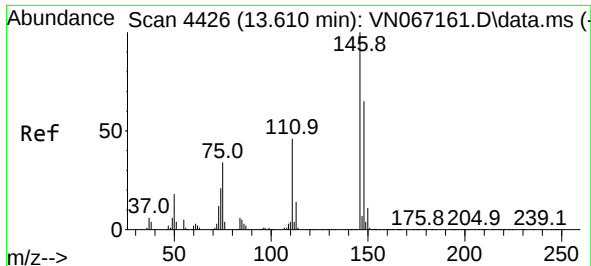
Tgt Ion: 91 Resp: 689910  
Ion Ratio Lower Upper  
91 100  
92 52.2 26.5 79.5  
134 23.4 14.3 42.9



#90  
Hexachloroethane  
Concen: 44.30 ug/l  
RT: 13.811 min Scan# 4501  
Delta R.T. -0.014 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Tgt Ion: 117 Resp: 110507  
Ion Ratio Lower Upper  
117 100  
201 64.2 45.5 136.5

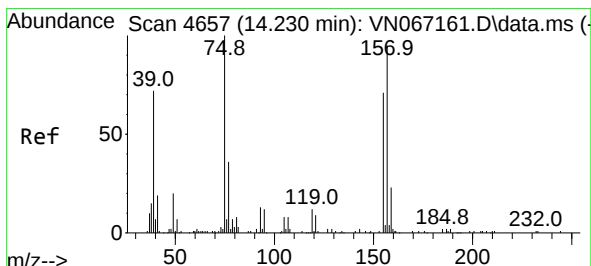
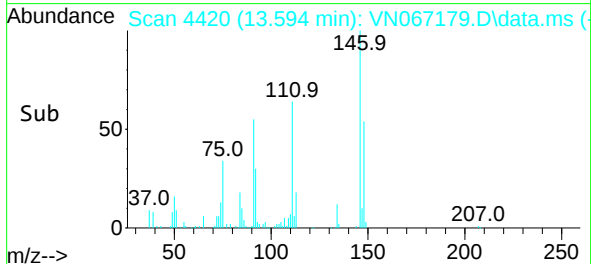
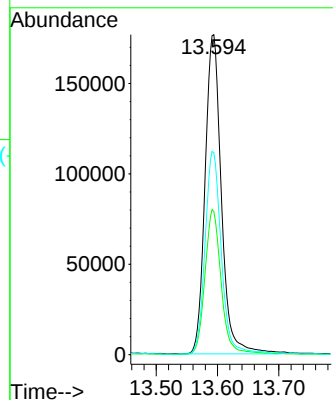
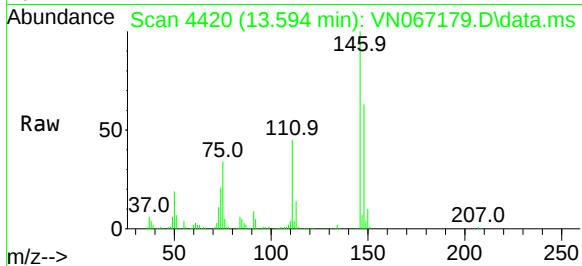




#91  
1,2-Dichlorobenzene  
Concen: 60.62 ug/l  
RT: 13.594 min Scan# 4420  
Delta R.T. -0.016 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

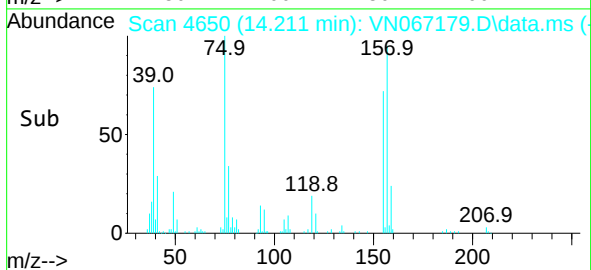
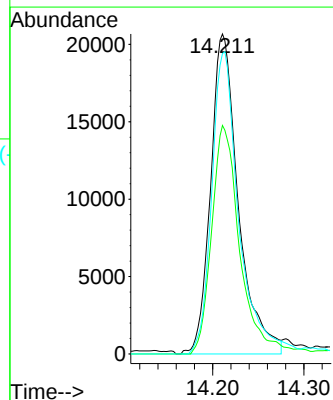
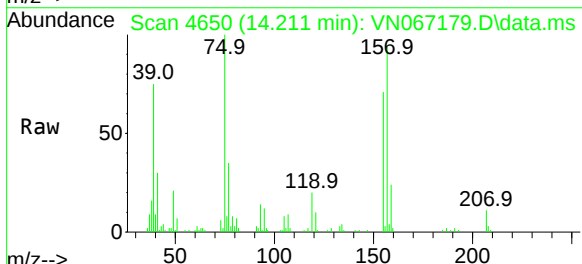
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

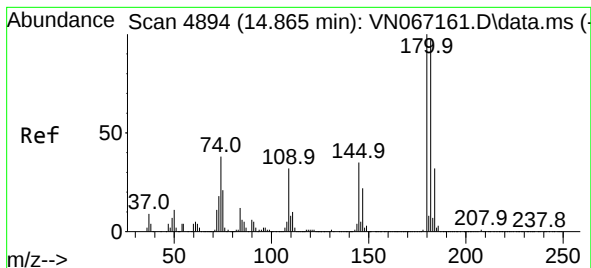
Tgt Ion:146 Resp: 327145  
Ion Ratio Lower Upper  
146 100  
111 44.8 19.8 59.3  
148 63.2 31.7 95.1



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 47.08 ug/l  
RT: 14.211 min Scan# 4650  
Delta R.T. -0.019 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Tgt Ion: 75 Resp: 43748  
Ion Ratio Lower Upper  
75 100  
155 71.9 49.9 149.7  
157 92.7 63.8 191.4





#93

1,2,4-Trichlorobenzene

Concen: 60.04 ug/l

RT: 14.849 min Scan# 4888

Delta R.T. -0.016 min

Lab File: VN067179.D

Acq: 28 May 2021 13:07

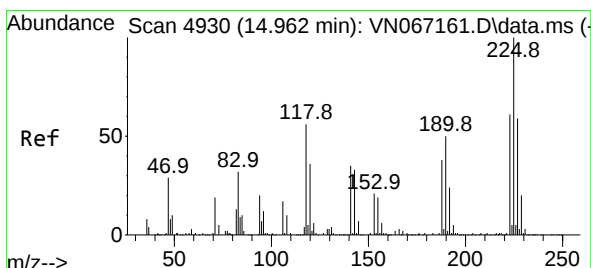
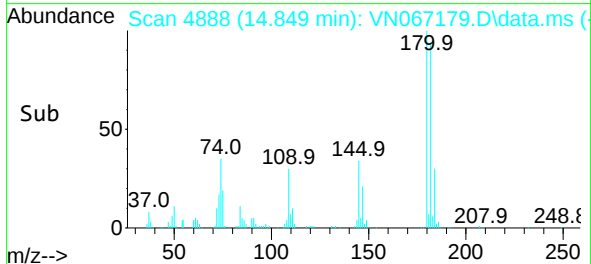
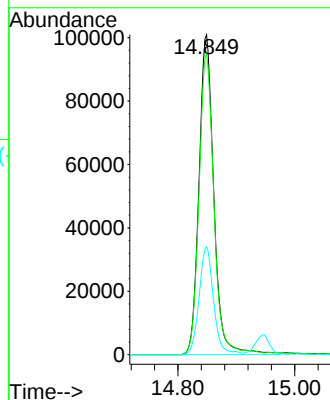
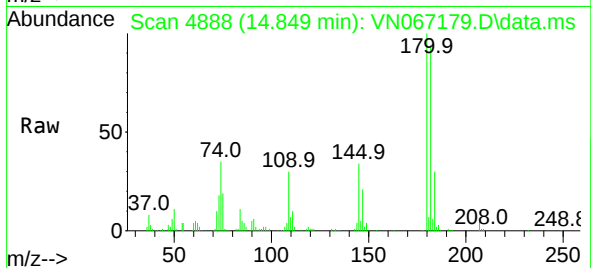
Tgt Ion:180 Resp: 178815

Ion Ratio Lower Upper

180 100

182 93.2 47.3 141.8

145 32.8 14.0 42.0



#94

Hexachlorobutadiene

Concen: 60.09 ug/l

RT: 14.946 min Scan# 4924

Delta R.T. -0.016 min

Lab File: VN067179.D

Acq: 28 May 2021 13:07

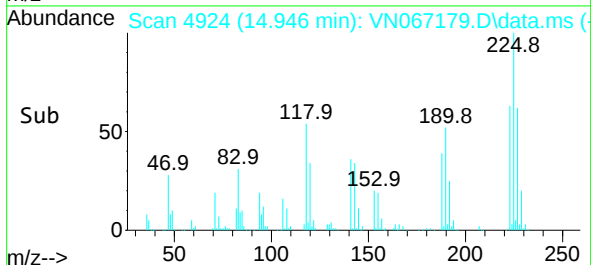
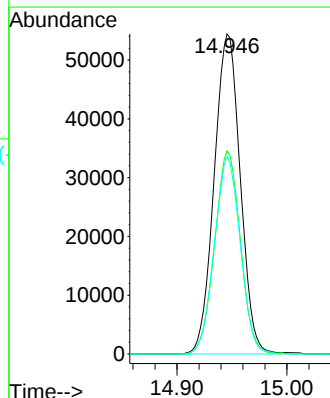
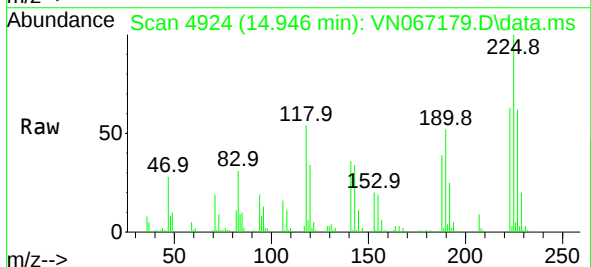
Tgt Ion:225 Resp: 89681

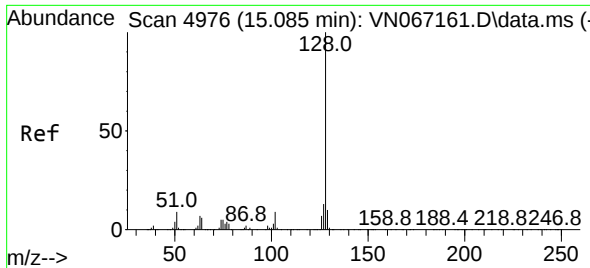
Ion Ratio Lower Upper

225 100

223 62.5 31.7 95.1

227 61.2 31.7 95.1

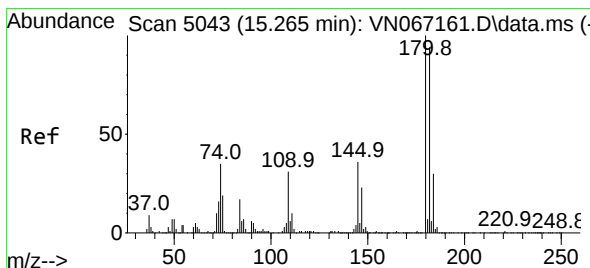
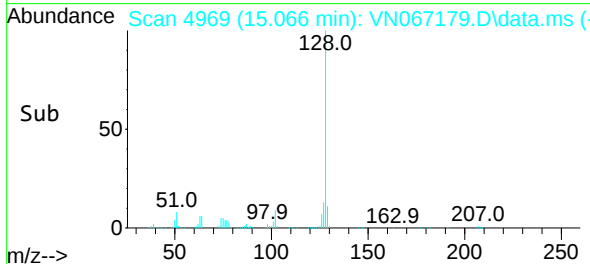
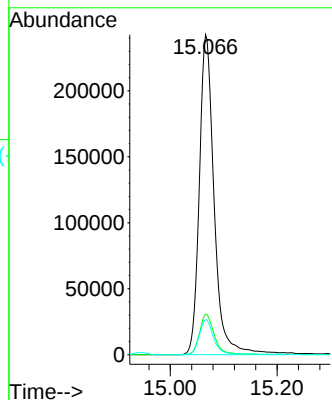
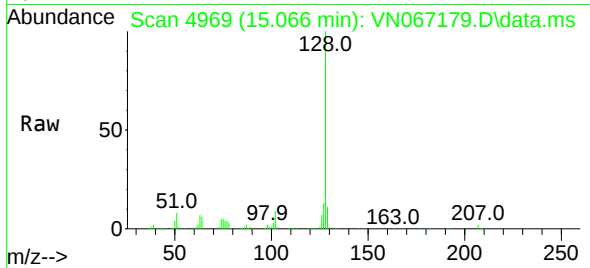




#95  
Naphthalene  
Concen: 53.53 ug/l  
RT: 15.066 min Scan# 4969  
Delta R.T. -0.019 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion:128 Resp: 467668  
Ion Ratio Lower Upper  
128 100  
127 12.6 10.2 15.2  
129 10.6 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 66.80 ug/l  
RT: 15.246 min Scan# 5036  
Delta R.T. -0.019 min  
Lab File: VN067179.D  
Acq: 28 May 2021 13:07

Tgt Ion:180 Resp: 163833  
Ion Ratio Lower Upper  
180 100  
182 94.1 48.5 145.6  
145 35.3 15.4 46.2

