

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032921\  
 Data File : VN066368.D  
 Acq On : 29 Mar 2021 11:54  
 Operator : JC/MD  
 Sample : M1788-08DL 40X  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 DUP04-20210322DL

Quant Time: Mar 30 01:32:17 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N032521W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 26 16:26:01 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.584  | 168  | 508305   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.512  | 114  | 757762   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.347 | 117  | 638208   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.286 | 152  | 238209   | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 7.946  | 65    | 335167   | 49.60    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 99.20%  |
| 35) Dibromofluoromethane    | 7.507  | 113   | 264530   | 52.66    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 105.32% |
| 50) Toluene-d8              | 10.028 | 98    | 988541   | 51.88    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 103.76% |
| 62) 4-Bromofluorobenzene    | 12.345 | 95    | 292918   | 44.26    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 88.52%  |

|                              |       |     |       |       |        |        |
|------------------------------|-------|-----|-------|-------|--------|--------|
| Target Compounds             |       |     |       |       |        | Qvalue |
| 2) Dichlorodifluoromethane   | 1.813 | 85  | 148   | 0.02  | ug/l # | 42     |
| 3) Chloromethane             | 2.017 | 50  | 4423  | Below | Cal    | 89     |
| 4) Vinyl Chloride            | 2.140 | 62  | 148   | 0.02  | ug/l # | 43     |
| 5) Bromomethane              | 2.518 | 94  | 947   | 0.19  | ug/l # | 64     |
| 6) Chloroethane              | 2.655 | 64  | 175   | 0.04  | ug/l # | 42     |
| 7) Trichlorofluoromethane    | 2.955 | 101 | 139   | 0.01  | ug/l # | 34     |
| 8) Diethyl Ether             | 3.403 | 74  | 163   | 0.04  | ug/l   | 87     |
| 9) 1,1,2-Trichlorotrifluo... | 3.671 | 101 | 2219  | 0.39  | ug/l # | 92     |
| 10) Methyl Iodide            | 3.862 | 142 | 341   | 0.04  | ug/l # | 71     |
| 11) Tert butyl alcohol       | 4.701 | 59  | 92    | 0.09  | ug/l # | 1      |
| 12) 1,1-Dichloroethene       | 3.661 | 96  | 1551  | 0.27  | ug/l # | 58     |
| 13) Acrolein                 | 3.529 | 56  | 5266  | Below | Cal    | 99     |
| 14) Allyl chloride           | 4.240 | 41  | 640   | 0.06  | ug/l # | 42     |
| 15) Acrylonitrile            | 4.889 | 53  | 822   | 0.29  | ug/l # | 24     |
| 16) Acetone                  | 3.741 | 43  | 5105  | 1.40  | ug/l   | 97     |
| 17) Carbon Disulfide         | 3.958 | 76  | 5161  | 0.30  | ug/l # | 89     |
| 18) Methyl Acetate           | 4.232 | 43  | 1916  | 0.20  | ug/l # | 58     |
| 19) Methyl tert-butyl Ether  | 4.932 | 73  | 54    | 0.00  | ug/l # | 54     |
| 20) Methylene Chloride       | 4.447 | 84  | 2223  | Below | Cal #  | 95     |
| 21) trans-1,2-Dichloroethene | 4.908 | 96  | 216   | 0.04  | ug/l # | 26     |
| 22) Diisopropyl ether        | 5.857 | 45  | 56    | 0.00  | ug/l # | 34     |
| 23) Vinyl Acetate            | 5.798 | 43  | 513   | 0.03  | ug/l # | 74     |
| 24) 1,1-Dichloroethane       | 5.739 | 63  | 141   | 0.01  | ug/l # | 83     |
| 25) 2-Butanone               | 6.748 | 43  | 721   | 0.18  | ug/l # | 49     |
| 26) 2,2-Dichloropropane      | 6.721 | 77  | 83    | 0.01  | ug/l # | 19     |
| 27) cis-1,2-Dichloroethene   | 6.729 | 96  | 931   | 0.15  | ug/l   | 47     |
| 28) Bromochloromethane       | 7.096 | 49  | 26    | 0.01  | ug/l # | 78     |
| 29) Tetrahydrofuran          | 7.126 | 42  | 363   | 0.14  | ug/l # | 17     |
| 30) Chloroform               | 7.281 | 83  | 575   | 0.06  | ug/l # | 80     |
| 31) Cyclohexane              | 7.582 | 56  | 10535 | 1.13  | ug/l # | 1      |
| 32) 1,1,1-Trichloroethane    | 7.496 | 97  | 24    | 0.00  | ug/l # | 23     |
| 36) 1,1-Dichloropropene      | 7.582 | 75  | 35971 | 5.05  | ug/l # | 49     |
| 37) Ethyl Acetate            | 6.833 | 43  | 133   | 0.02  | ug/l # | 69     |
| 38) Carbon Tetrachloride     | 7.584 | 117 | 45402 | 6.34  | ug/l # | 16     |
| 39) Methylcyclohexane        | 9.006 | 83  | 142   | 0.02  | ug/l # | 30     |
| 40) Benzene                  | 7.952 | 78  | 561   | 0.03  | ug/l # | 76     |

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 Sample : M1788-08DL 40X  
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 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 DUP04-20210322DL

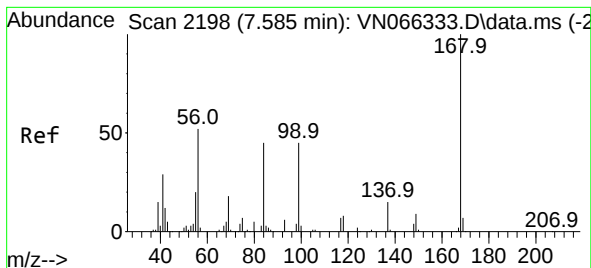
Quant Time: Mar 30 01:32:17 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N032521W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 26 16:26:01 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 41) Methacrylonitrile         | 7.069  | 41   | 79       | 0.02  | ug/l # | 17       |
| 42) 1,2-Dichloroethane        | 8.046  | 62   | 1195     | 0.16  | ug/l # | 76       |
| 43) Isopropyl Acetate         | 8.094  | 43   | 119      | 0.01  | ug/l # | 61       |
| 44) Trichloroethene           | 8.764  | 130  | 197847   | 34.99 | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.049  | 63   | 80       | 0.01  | ug/l # | 43       |
| 47) Bromodichloromethane      | 9.336  | 83   | 55       | 0.01  | ug/l # | 26       |
| 48) Methyl methacrylate       | 9.132  | 41   | 656      | 0.10  | ug/l # | 59       |
| 49) 1,4-Dioxane               | 9.132  | 88   | 374      | 4.67  | ug/l # | 73       |
| 51) 4-Methyl-2-Pentanone      | 9.918  | 43   | 3886     | 0.50  | ug/l   | 97       |
| 52) Toluene                   | 10.089 | 92   | 710      | 0.05  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.320 | 75   | 579      | 0.07  | ug/l # | 83       |
| 54) cis-1,3-Dichloropropene   | 9.773  | 75   | 322      | 0.04  | ug/l # | 37       |
| 55) 1,1,2-Trichloroethane     | 10.500 | 97   | 229      | 0.04  | ug/l # | 82       |
| 56) Ethyl methacrylate        | 10.371 | 69   | 606      | 0.07  | ug/l # | 43       |
| 57) 1,3-Dichloropropane       | 10.645 | 76   | 202      | 0.02  | ug/l # | 42       |
| 58) 2-Chloroethyl Vinyl ether | 9.650  | 63   | 61       | 25.66 | ug/l # | 49       |
| 59) 2-Hexanone                | 10.698 | 43   | 4281     | 0.78  | ug/l   | 86       |
| 60) Dibromochloromethane      | 10.835 | 129  | 82       | 0.01  | ug/l # | 11       |
| 61) 1,2-Dibromoethane         | 10.948 | 107  | 179      | 0.03  | ug/l # | 56       |
| 64) Tetrachloroethene         | 10.567 | 164  | 745      | 0.14  | ug/l # | 60       |
| 65) Chlorobenzene             | 11.371 | 112  | 1214     | 0.10  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.449 | 91   | 1410     | 0.06  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.567 | 106  | 1060     | 0.12  | ug/l   | 94       |
| 69) o-Xylene                  | 11.886 | 106  | 583      | 0.07  | ug/l   | 99       |
| 70) Styrene                   | 11.940 | 104  | 85       | 0.01  | ug/l   | 91       |
| 71) Bromoform                 | 12.069 | 173  | 185      | 0.05  | ug/l # | 29       |
| 73) Isopropylbenzene          | 12.195 | 105  | 1654     | 0.09  | ug/l   | 76       |
| 74) N-amyl acetate            | 12.023 | 43   | 159      | 3.22  | ug/l # | 52       |
| 75) 1,1,2,2-Tetrachloroethane | 12.455 | 83   | 554      | 0.10  | ug/l # | 88       |
| 76) 1,2,3-Trichloropropane    | 12.345 | 75   | 147920   | 28.30 | ug/l # | 100      |
| 77) Bromobenzene              | 12.474 | 156  | 571      | 0.13  | ug/l   | 82       |
| 78) n-propylbenzene           | 12.535 | 91   | 2455     | 0.13  | ug/l   | 95       |
| 79) 2-Chlorotoluene           | 12.621 | 91   | 1703     | 0.14  | ug/l # | 68       |
| 80) 1,3,5-Trimethylbenzene    | 12.680 | 105  | 1830     | 0.13  | ug/l   | 74       |
| 81) trans-1,4-Dichloro-2-b... | 12.345 | 75   | 147920   | 85.10 | ug/l # | 12       |
| 82) 4-Chlorotoluene           | 12.720 | 91   | 2167     | 0.18  | ug/l # | 62       |
| 83) tert-Butylbenzene         | 12.935 | 119  | 1711     | 0.14  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 12.986 | 105  | 2675     | 0.19  | ug/l   | 96       |
| 85) sec-Butylbenzene          | 13.117 | 105  | 3288     | 0.20  | ug/l   | 90       |
| 86) p-Isopropyltoluene        | 13.238 | 119  | 4333     | 0.30  | ug/l   | 87       |
| 87) 1,3-Dichlorobenzene       | 13.235 | 146  | 1753     | 0.23  | ug/l   | 86       |
| 88) 1,4-Dichlorobenzene       | 13.235 | 146  | 1753     | 0.22  | ug/l   | 87       |
| 89) n-Butylbenzene            | 13.568 | 91   | 5779     | 0.48  | ug/l   | 90       |
| 90) Hexachloroethane          | 13.809 | 117  | 204      | 0.08  | ug/l # | 5        |
| 91) 1,2-Dichlorobenzene       | 13.605 | 146  | 1685     | 0.23  | ug/l   | 90       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.204 | 75   | 216      | 0.20  | ug/l # | 21       |
| 93) 1,2,4-Trichlorobenzene    | 14.855 | 180  | 4423     | 0.97  | ug/l   | 64       |
| 94) Hexachlorobutadiene       | 14.949 | 225  | 1178     | 0.47  | ug/l   | 94       |
| 95) Naphthalene               | 15.075 | 128  | 24947    | 2.87  | ug/l # | 91       |
| 96) 1,2,3-Trichlorobenzene    | 15.252 | 180  | 5118     | 1.11  | ug/l   | 94       |

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

**Instrument :**  
MSVOA\_N  
**ClientSampleId :**  
DUP04-20210322DL





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.584 min Scan# 2198

Delta R.T. -0.001 min

Lab File: VN066368.D

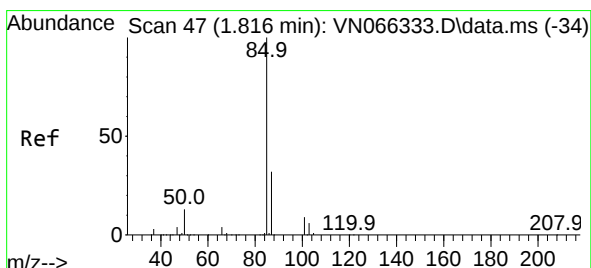
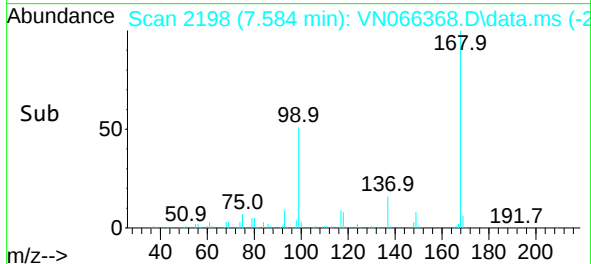
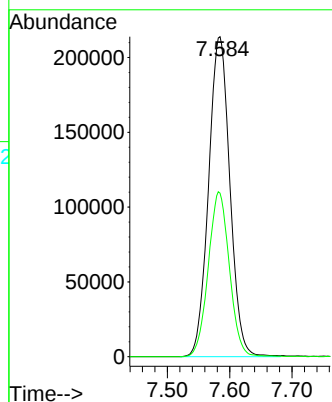
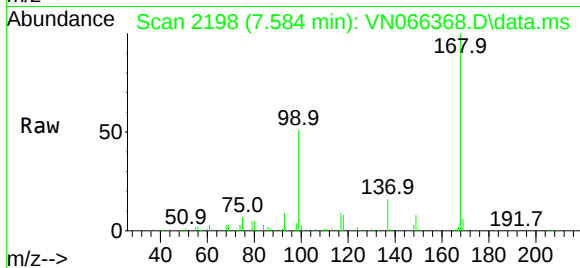
Acq: 29 Mar 2021 11:54

Tgt Ion: 168 Resp: 508305

Ion Ratio Lower Upper

168 100

99 51.1 41.1 61.7



#2

Dichlorodifluoromethane

Concen: 0.02 ug/l

RT: 1.813 min Scan# 46

Delta R.T. -0.003 min

Lab File: VN066368.D

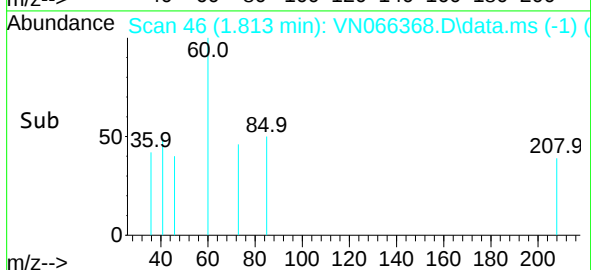
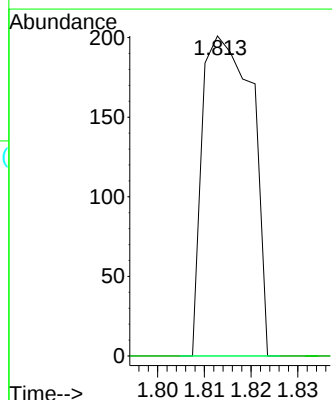
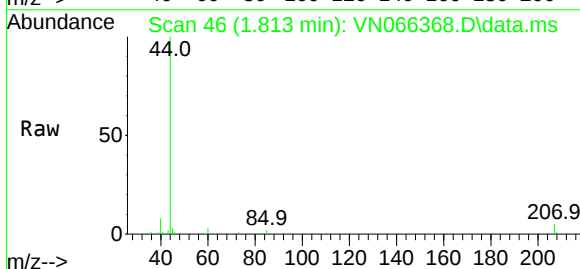
Acq: 29 Mar 2021 11:54

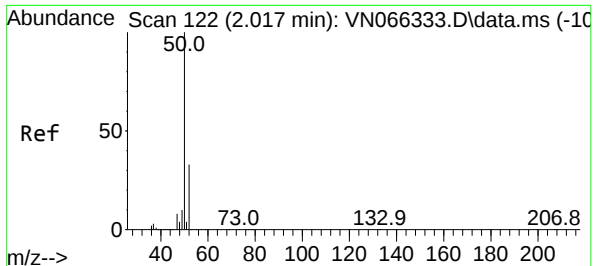
Tgt Ion: 85 Resp: 148

Ion Ratio Lower Upper

85 100

87 0.0 16.2 48.6#

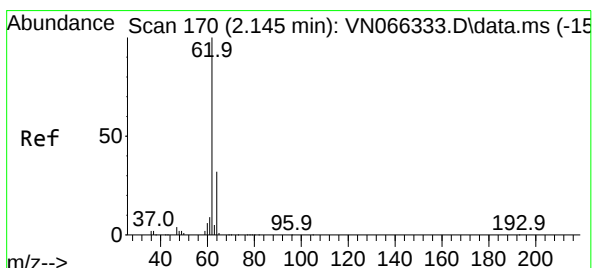
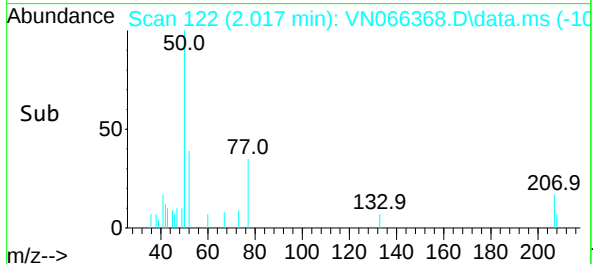
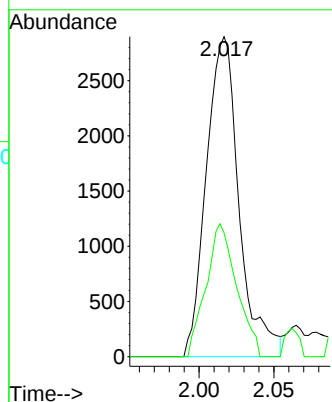
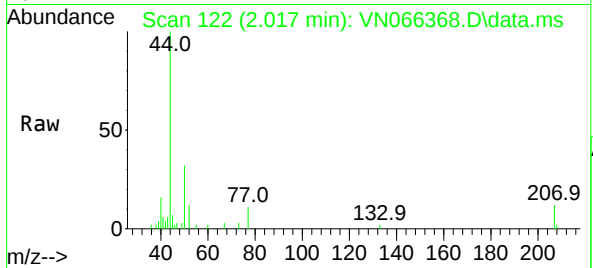




#3  
Chloromethane  
Concen: Below Cal  
RT: 2.017 min Scan# 122  
Delta R.T. -0.000 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

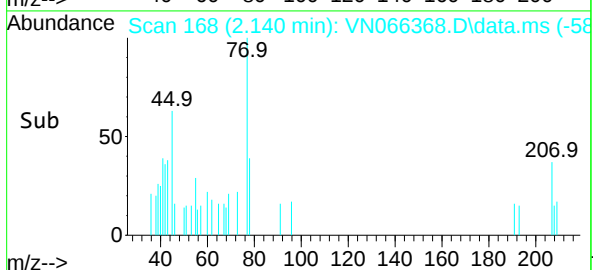
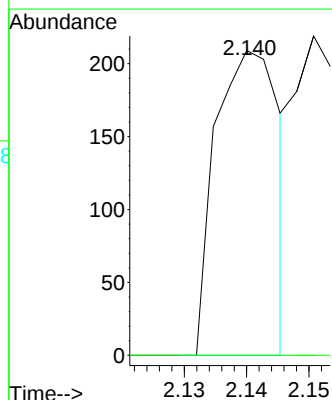
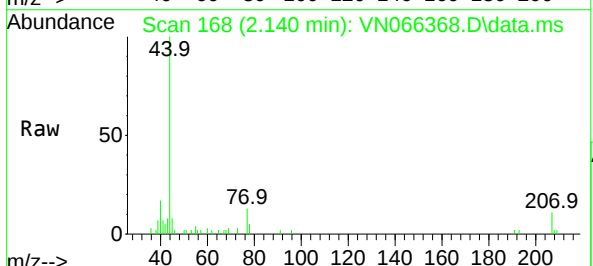
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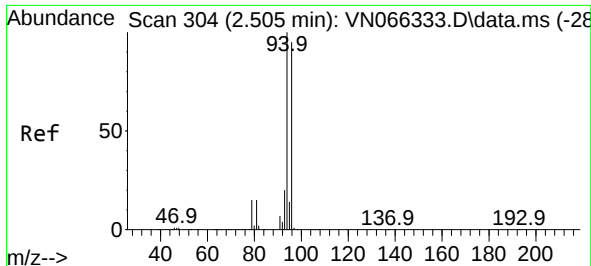
Tgt Ion: 50 Resp: 4423  
Ion Ratio Lower Upper  
50 100  
52 38.7 26.2 39.2



#4  
Vinyl Chloride  
Concen: 0.02 ug/l  
RT: 2.140 min Scan# 168  
Delta R.T. -0.005 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Tgt Ion: 62 Resp: 148  
Ion Ratio Lower Upper  
62 100  
64 0.0 25.6 38.4#

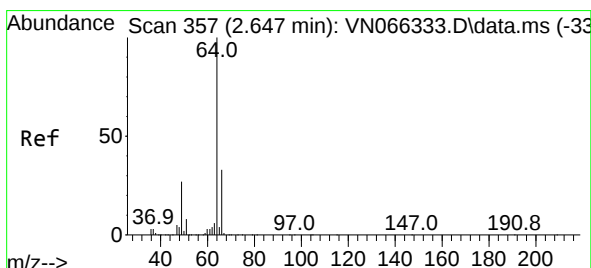
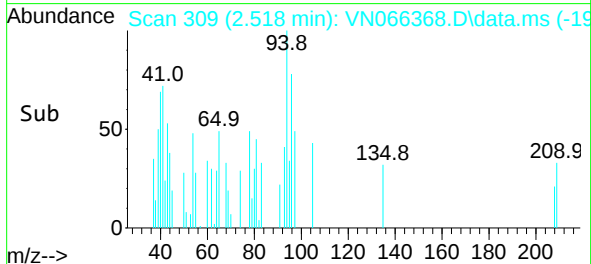
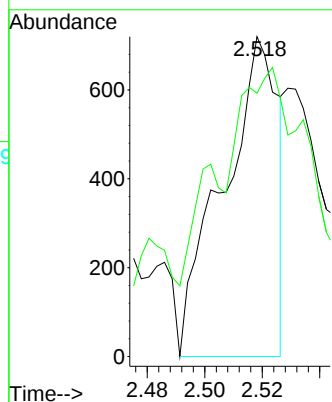
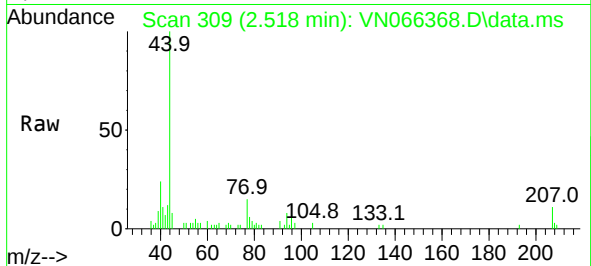




#5  
Bromomethane  
Concen: 0.19 ug/l  
RT: 2.518 min Scan# 309  
Delta R.T. 0.013 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

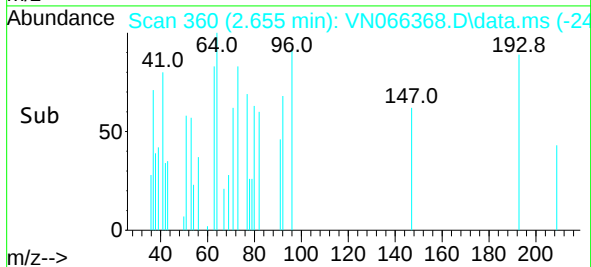
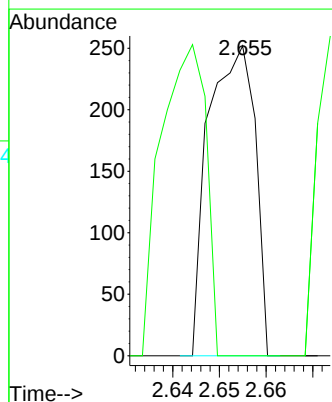
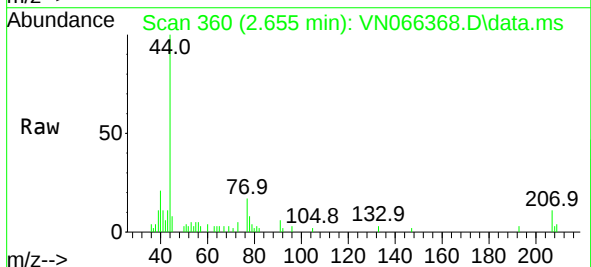
Instrument :  
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Tgt Ion: 94 Resp: 947  
Ion Ratio Lower Upper  
94 100  
96 60.3 75.8 113.6#



#6  
Chloroethane  
Concen: 0.04 ug/l  
RT: 2.655 min Scan# 360  
Delta R.T. 0.008 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Tgt Ion: 64 Resp: 175  
Ion Ratio Lower Upper  
64 100  
66 0.0 26.1 39.1#

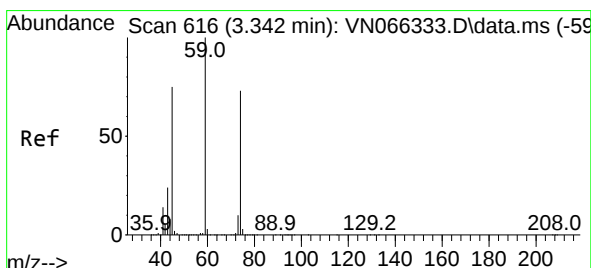
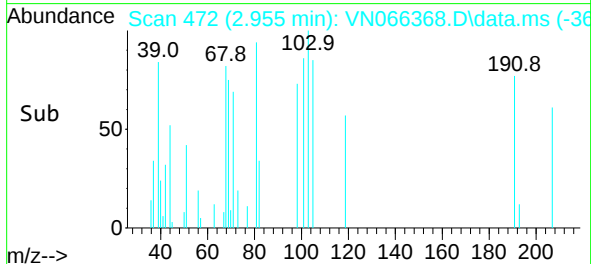
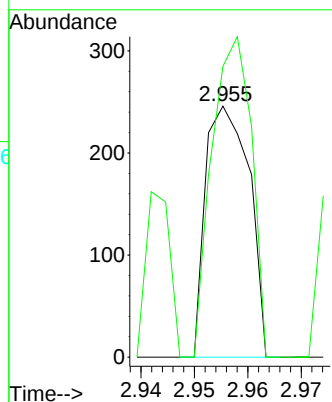
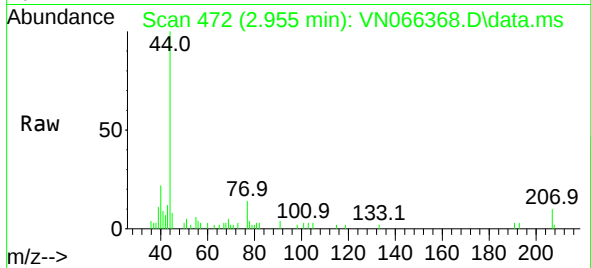




#7  
Trichlorofluoromethane  
Concen: 0.01 ug/l  
RT: 2.955 min Scan# 472  
Delta R.T. -0.005 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

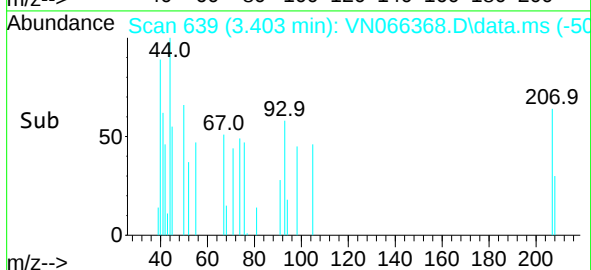
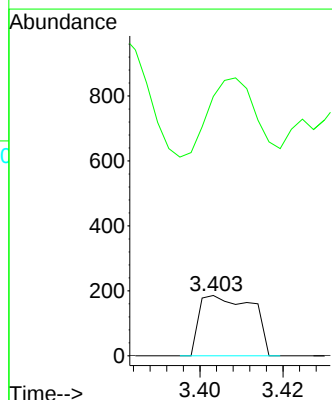
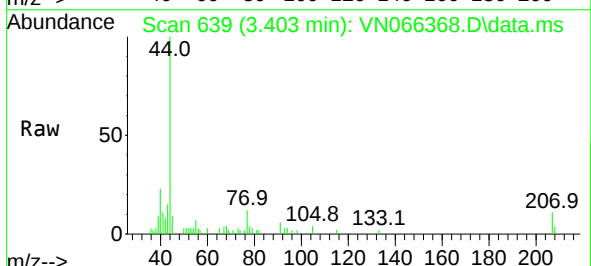
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ClientSampleId :  
DUP04-20210322DL

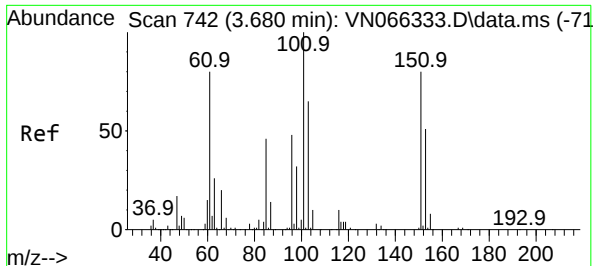
Tgt Ion:101 Resp: 139  
Ion Ratio Lower Upper  
101 100  
103 115.9 51.4 77.0#



#8  
Diethyl Ether  
Concen: 0.04 ug/l  
RT: 3.403 min Scan# 639  
Delta R.T. 0.062 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Tgt Ion: 74 Resp: 163  
Ion Ratio Lower Upper  
74 100  
45 116.0 51.6 154.8

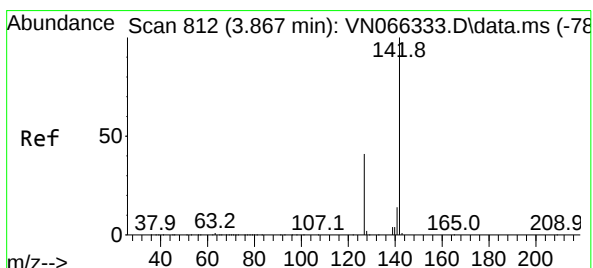
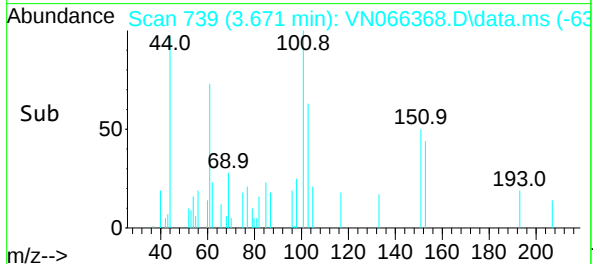
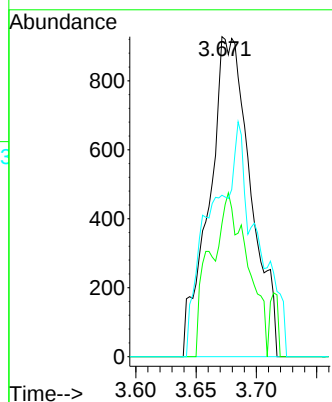
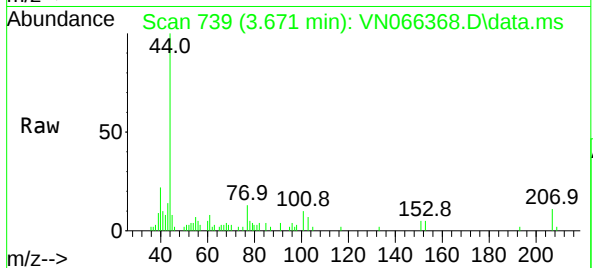




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.39 ug/l  
RT: 3.671 min Scan# 739  
Delta R.T. -0.009 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

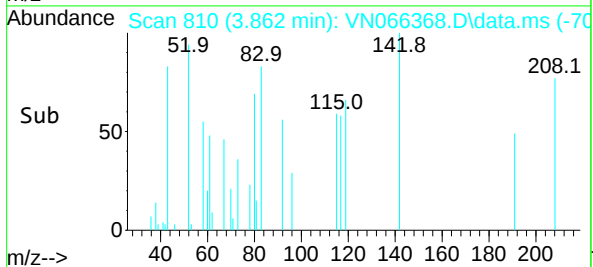
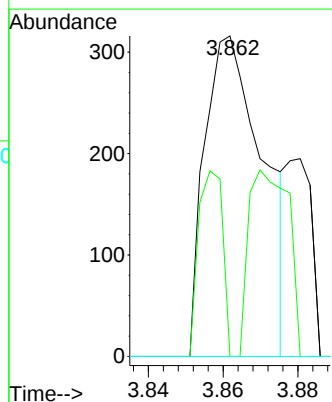
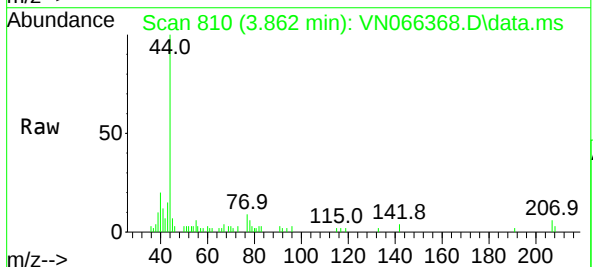
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

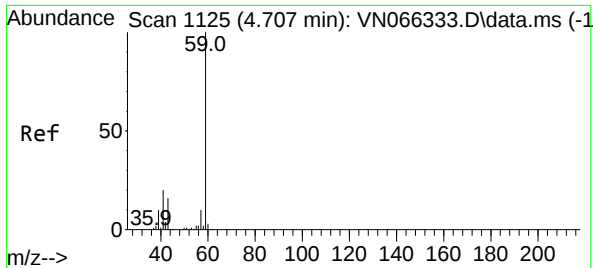
Tgt Ion:101 Resp: 2219  
Ion Ratio Lower Upper  
101 100  
85 34.0 36.8 55.2#  
151 80.5 63.0 94.4



#10  
Methyl Iodide  
Concen: 0.04 ug/l  
RT: 3.862 min Scan# 810  
Delta R.T. -0.005 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Tgt Ion:142 Resp: 341  
Ion Ratio Lower Upper  
142 100  
127 24.0 33.0 49.6#  
141 0.0 11.1 16.7#

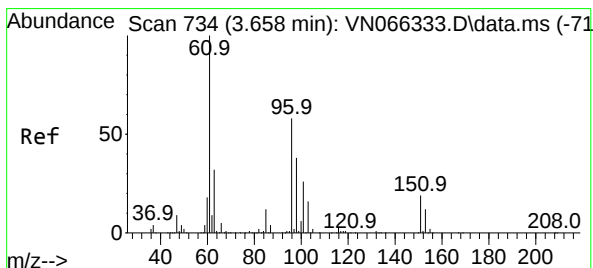
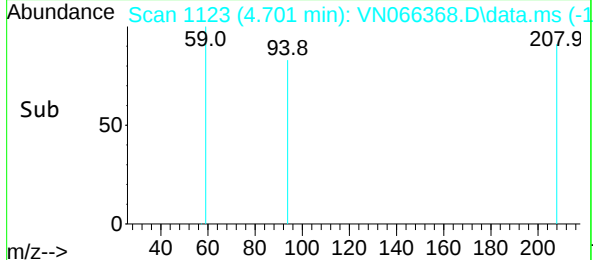
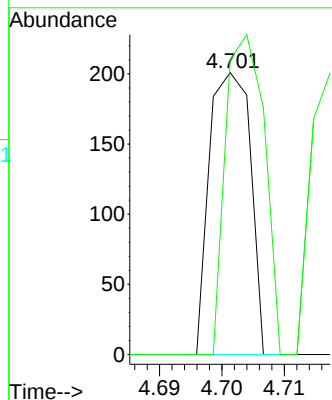
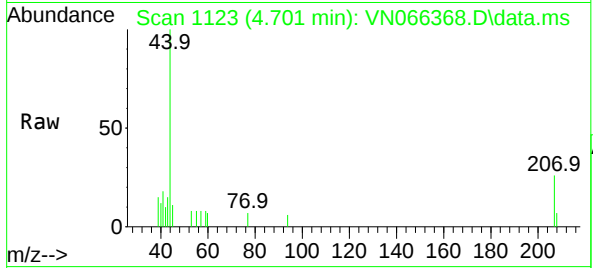




#11  
Tert butyl alcohol  
Concen: 0.09 ug/l  
RT: 4.701 min Scan# 1123  
Delta R.T. -0.005 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

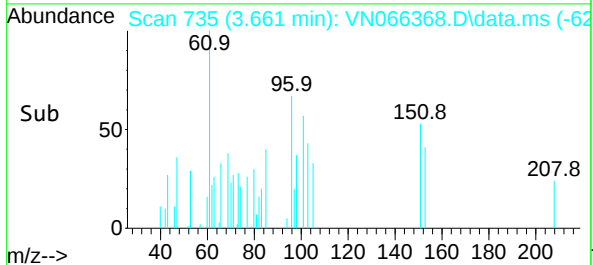
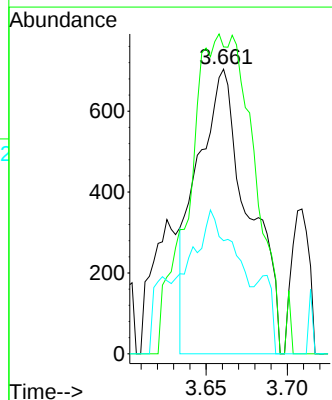
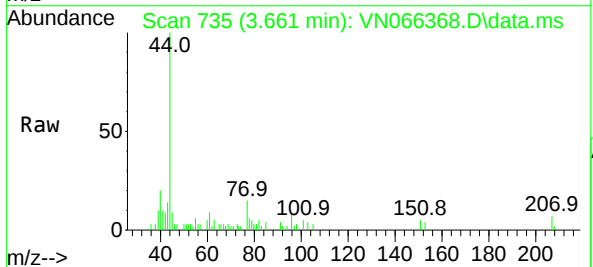
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

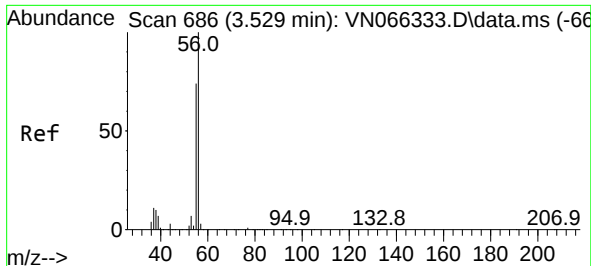
Tgt Ion: 59 Resp: 92  
Ion Ratio Lower Upper  
59 100  
57 107.6 4.1 6.1#



#12  
1,1-Dichloroethene  
Concen: 0.27 ug/l  
RT: 3.661 min Scan# 735  
Delta R.T. 0.003 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Tgt Ion: 96 Resp: 1551  
Ion Ratio Lower Upper  
96 100  
61 107.8 137.0 205.4#  
98 39.8 51.5 77.3#

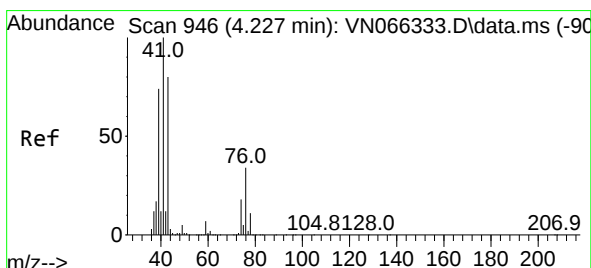
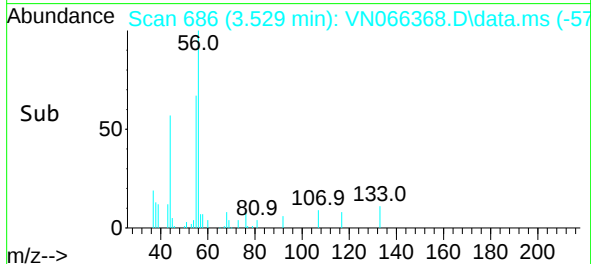
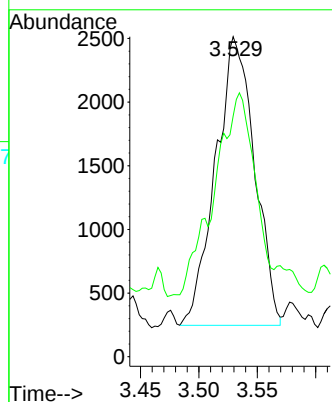
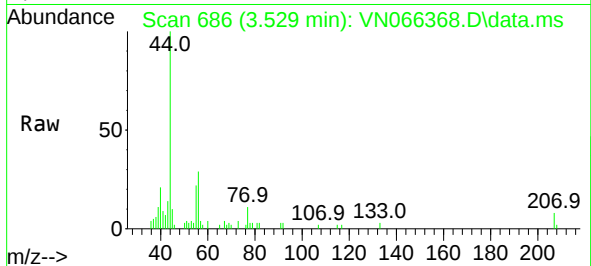




#13  
Acrolein  
Concen: Below Cal  
RT: 3.529 min Scan# 686  
Delta R.T. 0.000 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

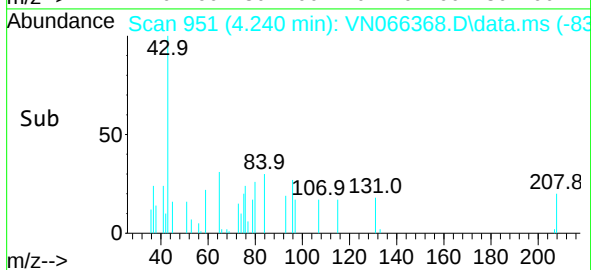
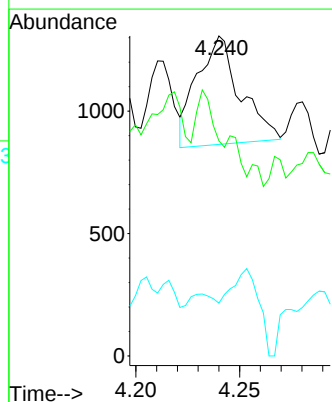
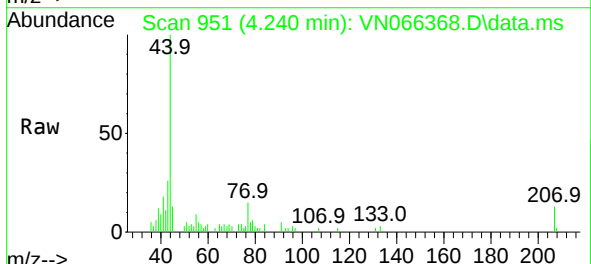
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

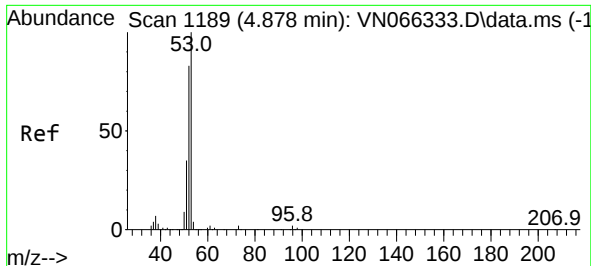
Tgt Ion: 56 Resp: 5266  
Ion Ratio Lower Upper  
56 100  
55 72.8 57.9 86.9



#14  
Allyl chloride  
Concen: 0.06 ug/l  
RT: 4.240 min Scan# 951  
Delta R.T. 0.013 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Tgt Ion: 41 Resp: 640  
Ion Ratio Lower Upper  
41 100  
39 21.1 55.3 82.9#  
76 0.0 24.6 36.8#

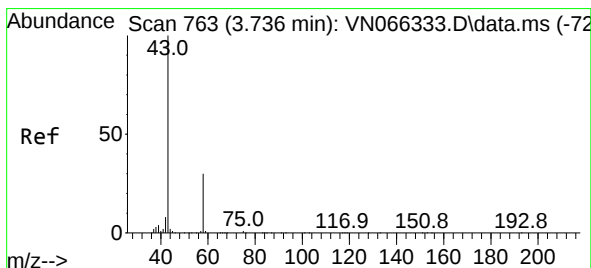
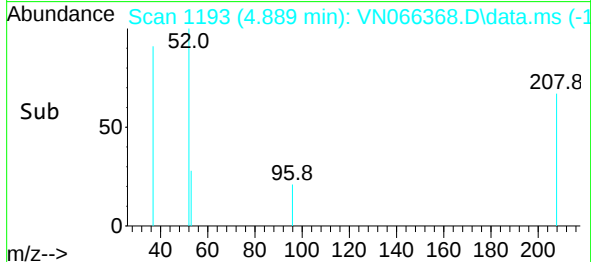
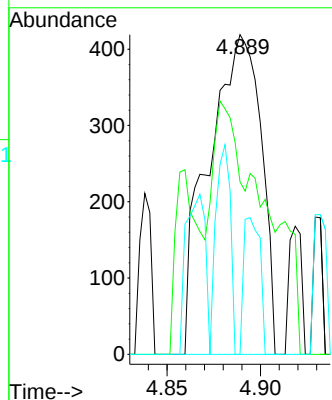
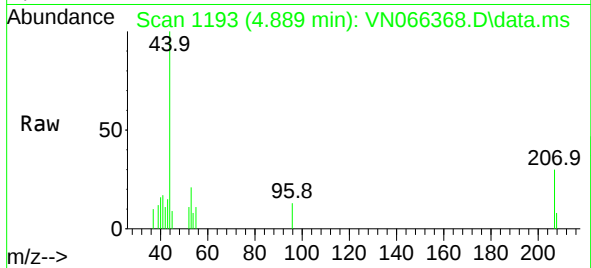




#15  
Acrylonitrile  
Concen: 0.29 ug/l  
RT: 4.889 min Scan# 1193  
Delta R.T. 0.011 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

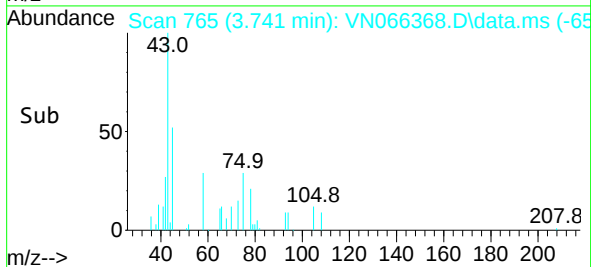
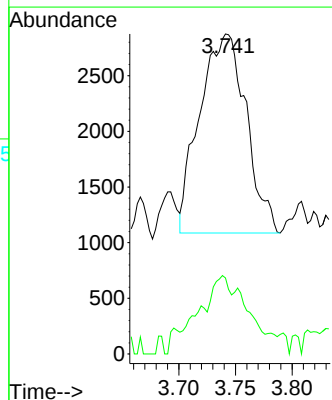
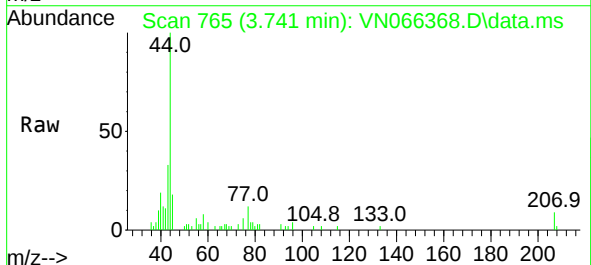
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

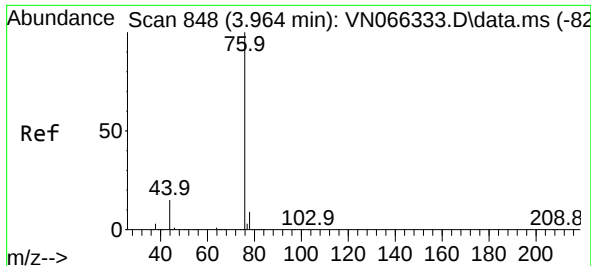
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 822   |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 0.0   | 66.6  | 99.8# |
| 51       | 13.1  | 29.4  | 44.0# |



#16  
Acetone  
Concen: 1.40 ug/l  
RT: 3.741 min Scan# 765  
Delta R.T. 0.005 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 5105  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 28.4  | 23.8  | 35.8  |

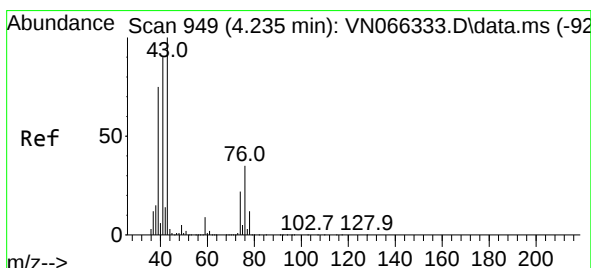
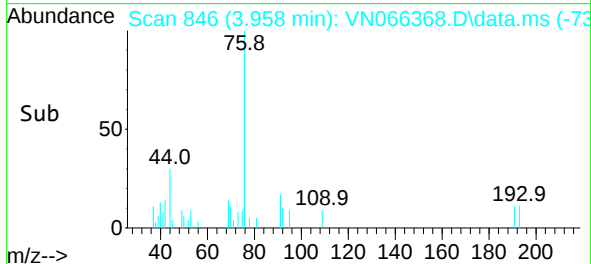
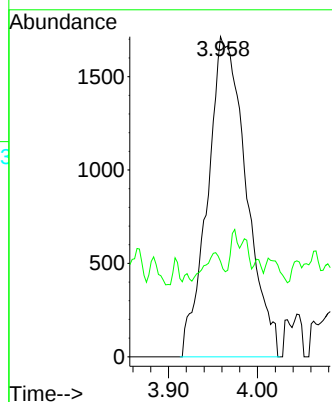
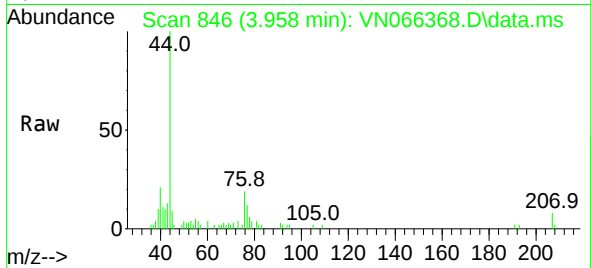




#17  
Carbon Disulfide  
Concen: 0.30 ug/l  
RT: 3.958 min Scan# 846  
Delta R.T. -0.005 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

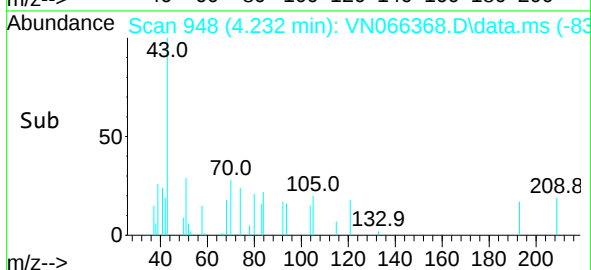
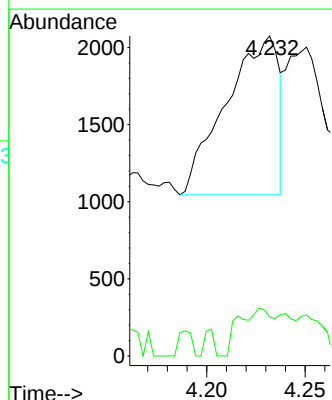
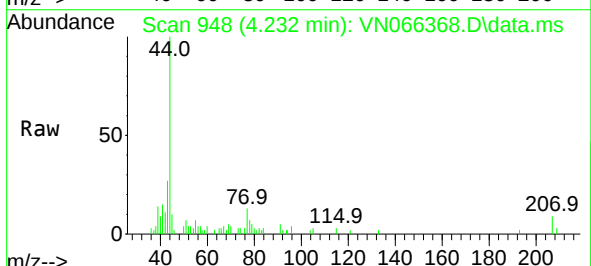
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

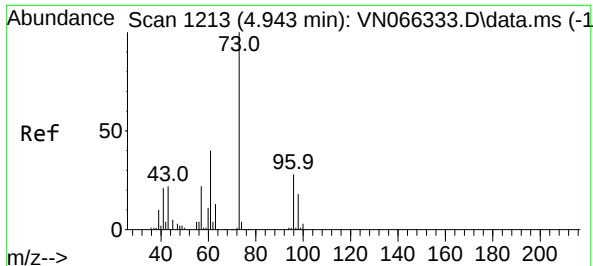
Tgt Ion: 76 Resp: 5161  
Ion Ratio Lower Upper  
76 100  
78 5.3 7.4 11.0#



#18  
Methyl Acetate  
Concen: 0.20 ug/l  
RT: 4.232 min Scan# 948  
Delta R.T. -0.003 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Tgt Ion: 43 Resp: 1916  
Ion Ratio Lower Upper  
43 100  
74 2.0 17.6 26.4#



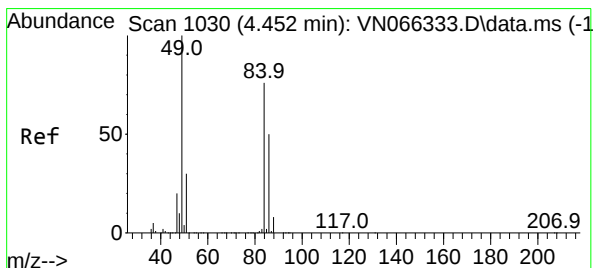
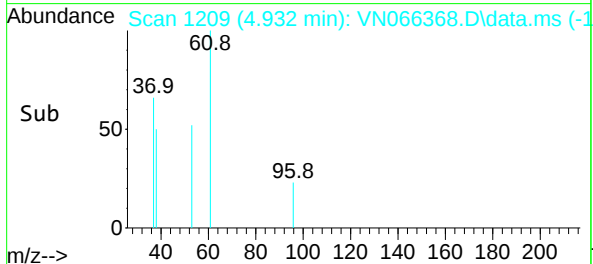
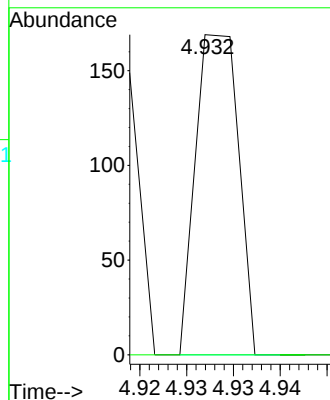
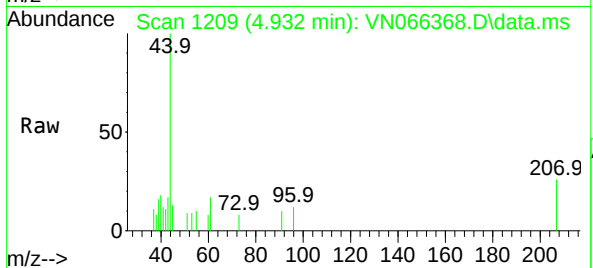


#19

Methyl tert-butyl Ether  
Concen: 0.00 ug/l  
RT: 4.932 min Scan# 1209  
Delta R.T. -0.011 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

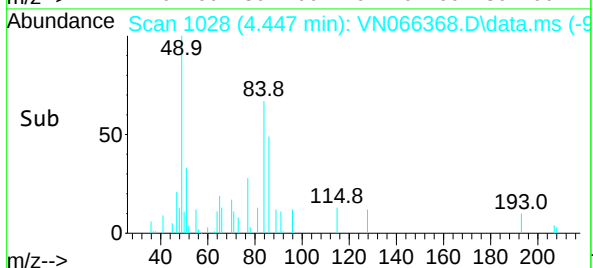
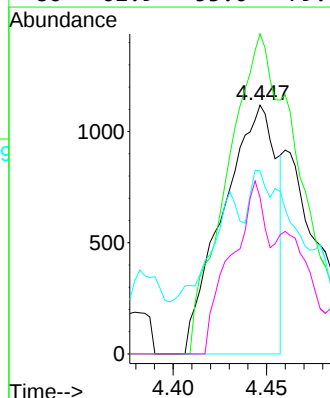
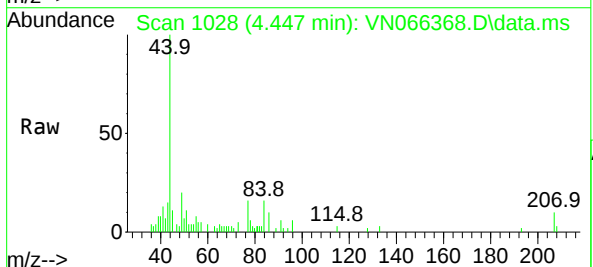
Tgt Ion: 73 Resp: 54  
Ion Ratio Lower Upper  
73 100  
57 0.0 17.6 26.4#

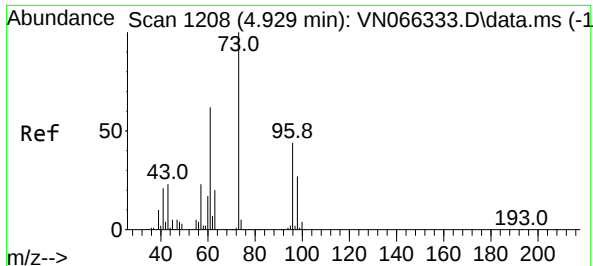


#20

Methylene Chloride  
Concen: Below Cal  
RT: 4.447 min Scan# 1028  
Delta R.T. -0.005 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Tgt Ion: 84 Resp: 2223  
Ion Ratio Lower Upper  
84 100  
49 128.6 105.0 157.6  
51 49.4 31.6 47.4#  
86 62.9 53.0 79.6

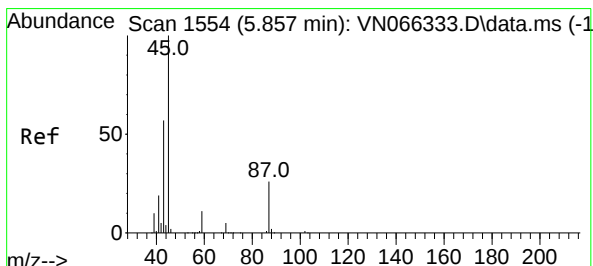
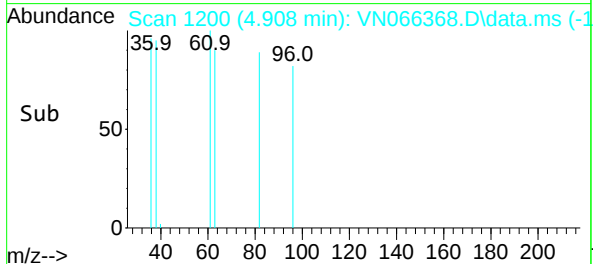
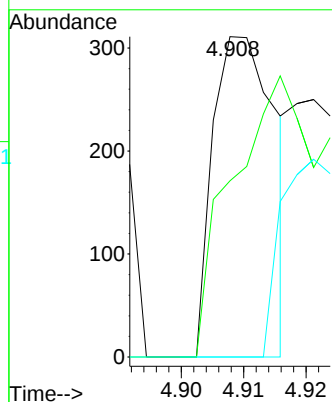
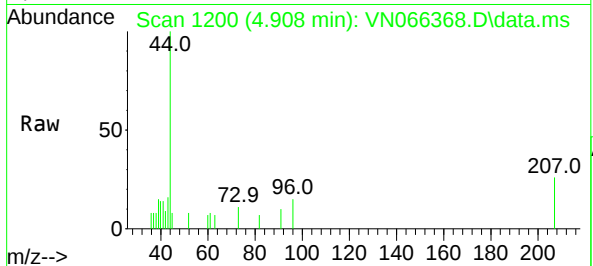




#21  
trans-1,2-Dichloroethene  
Concen: 0.04 ug/l  
RT: 4.908 min Scan# 1200  
Delta R.T. -0.022 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

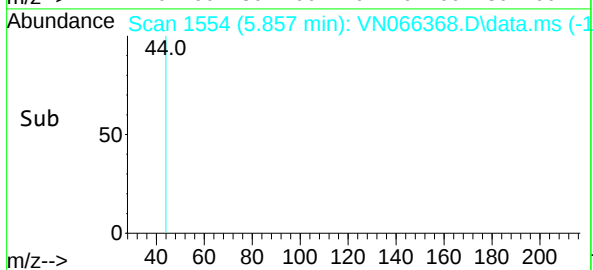
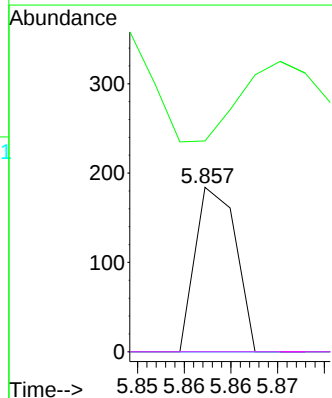
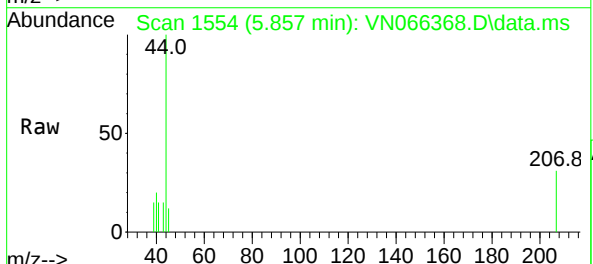
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

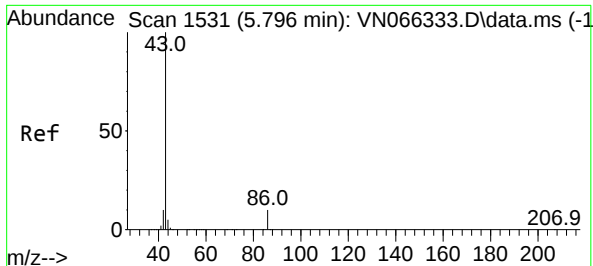
Tgt Ion: 96 Resp: 216  
Ion Ratio Lower Upper  
96 100  
61 55.0 113.7 170.5#  
98 0.0 50.2 75.2#



#22  
Diisopropyl ether  
Concen: 0.00 ug/l  
RT: 5.857 min Scan# 1554  
Delta R.T. -0.000 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Tgt Ion: 45 Resp: 56  
Ion Ratio Lower Upper  
45 100  
43 0.5 48.1 72.1#  
87 0.0 21.6 32.4#  
59 0.0 8.9 13.3#





#23

Vinyl Acetate

Concen: 0.03 ug/l

RT: 5.798 min Scan# 1532

Delta R.T. 0.003 min

Lab File: VN066368.D

Acq: 29 Mar 2021 11:54

Instrument :

MSVOA\_N

ClientSampleId :

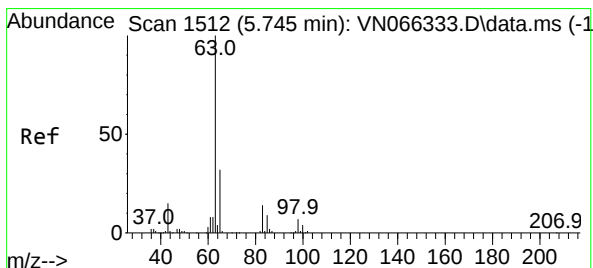
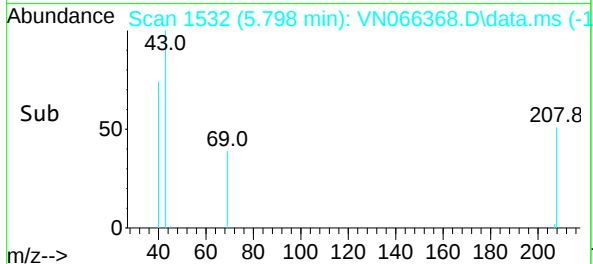
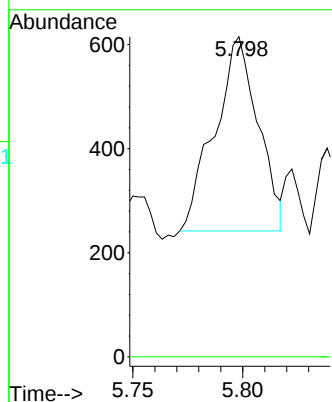
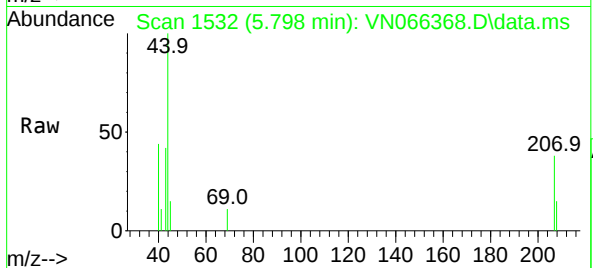
DUP04-20210322DL

Tgt Ion: 43 Resp: 513

Ion Ratio Lower Upper

43 100

86 0.0 7.7 11.5#



#24

1,1-Dichloroethane

Concen: 0.01 ug/l

RT: 5.739 min Scan# 1510

Delta R.T. -0.005 min

Lab File: VN066368.D

Acq: 29 Mar 2021 11:54

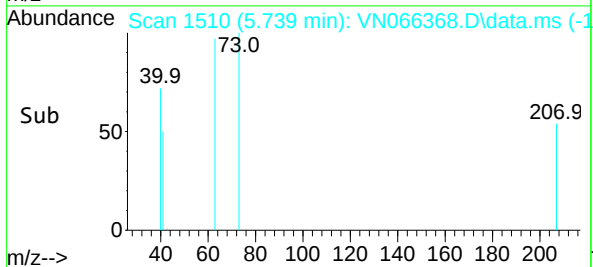
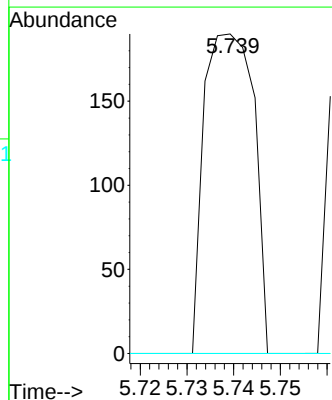
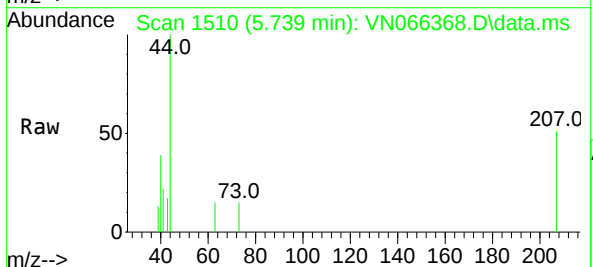
Tgt Ion: 63 Resp: 141

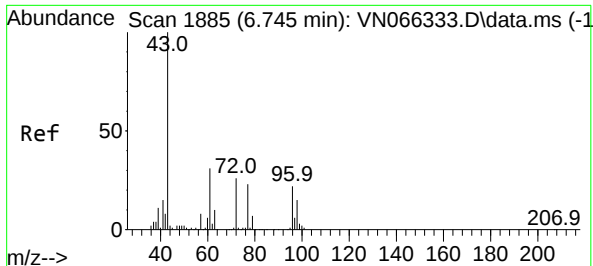
Ion Ratio Lower Upper

63 100

98 0.0 3.4 10.1#

100 0.0 2.0 6.0#

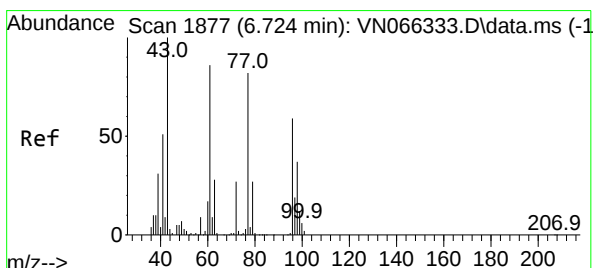
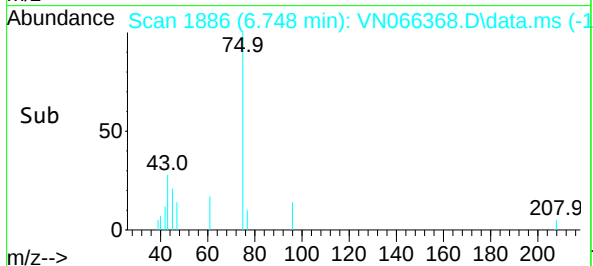
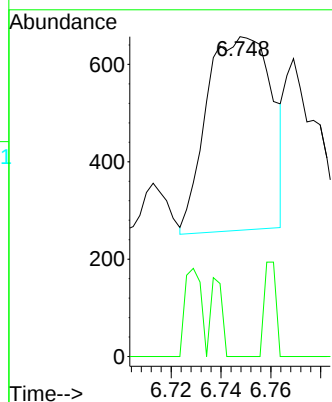
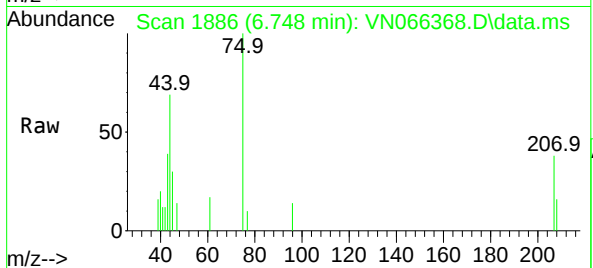




#25  
2-Butanone  
Concen: 0.18 ug/l  
RT: 6.748 min Scan# 1886  
Delta R.T. 0.003 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

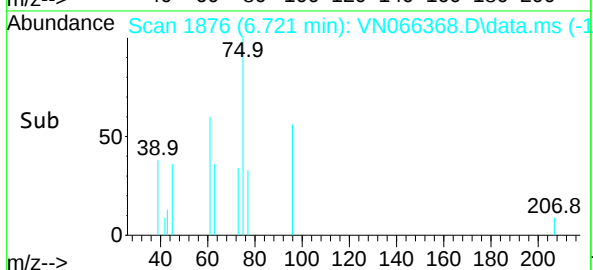
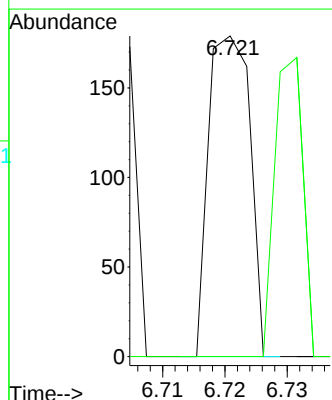
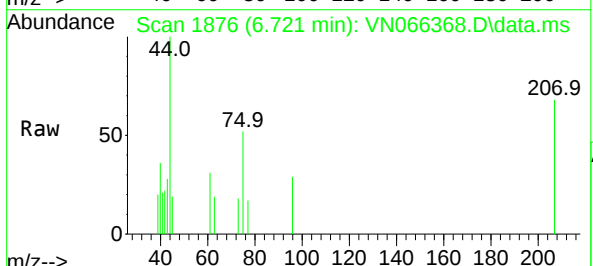
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

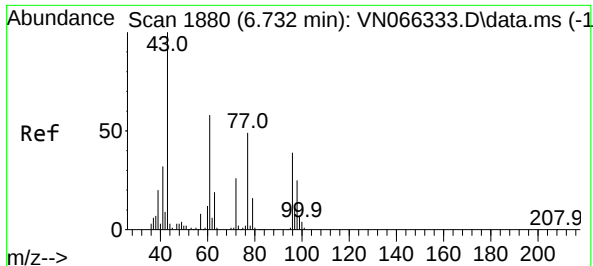
Tgt Ion: 43 Resp: 721  
Ion Ratio Lower Upper  
43 100  
72 0.0 20.7 31.1#



#26  
2,2-Dichloropropane  
Concen: 0.01 ug/l  
RT: 6.721 min Scan# 1876  
Delta R.T. -0.003 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Tgt Ion: 77 Resp: 83  
Ion Ratio Lower Upper  
77 100  
97 62.7 11.6 34.7#

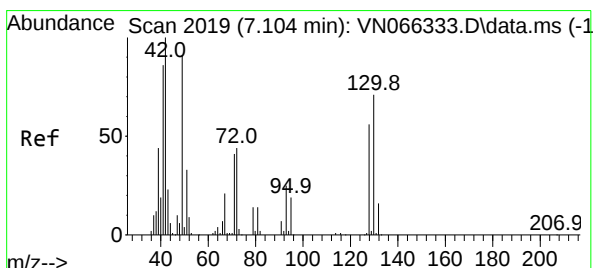
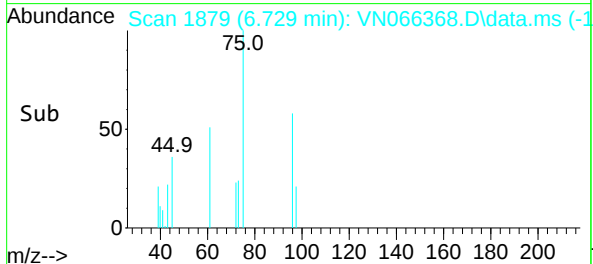
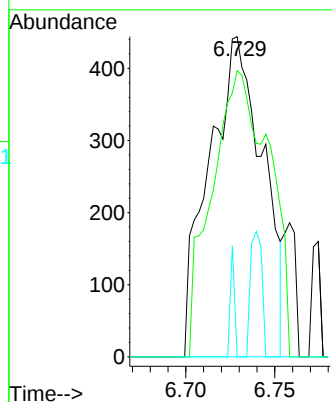
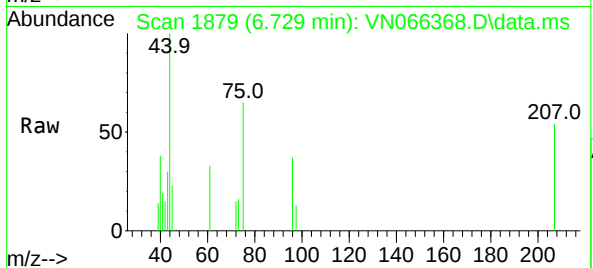




#27  
cis-1,2-Dichloroethene  
Concen: 0.15 ug/l  
RT: 6.729 min Scan# 1879  
Delta R.T. -0.003 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

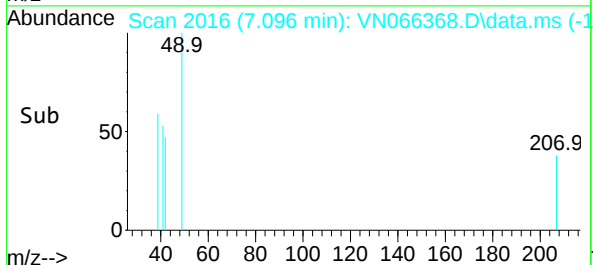
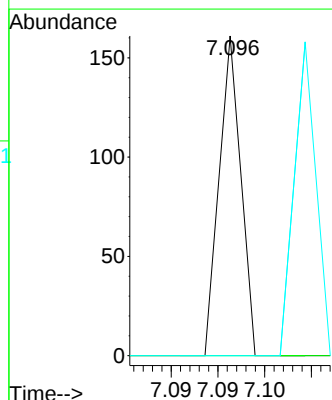
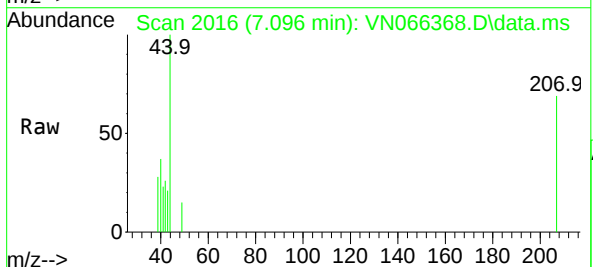
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

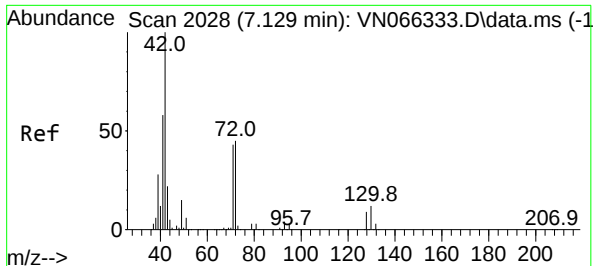
Tgt Ion: 96 Resp: 931  
Ion Ratio Lower Upper  
96 100  
61 95.9 0.0 296.2  
98 2.7 0.0 129.2



#28  
Bromochloromethane  
Concen: 0.01 ug/l  
RT: 7.096 min Scan# 2016  
Delta R.T. -0.008 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Tgt Ion: 49 Resp: 26  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 4.2  
130 96.2 61.6 92.4#





#29

Tetrahydrofuran

Concen: 0.14 ug/l

RT: 7.126 min Scan# 2027

Delta R.T. -0.003 min

Lab File: VN066368.D

Acq: 29 Mar 2021 11:54

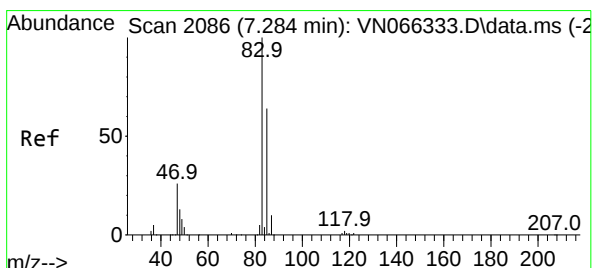
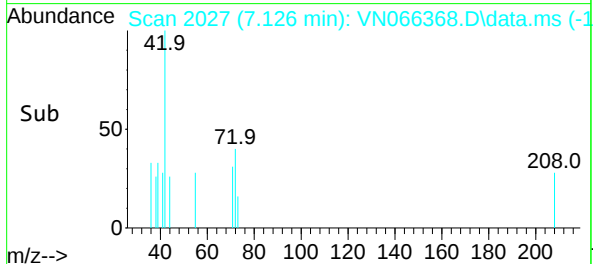
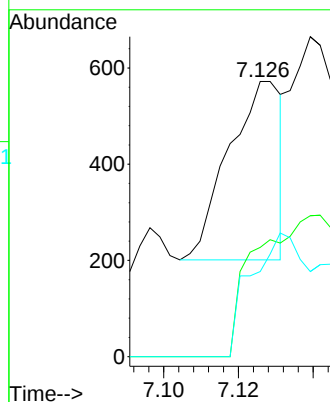
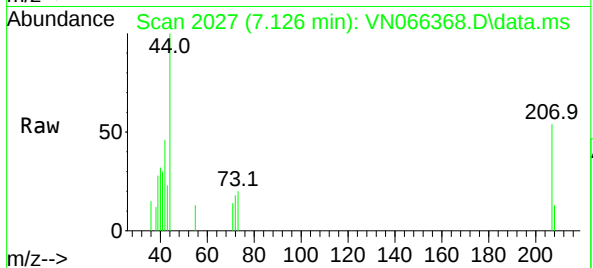
Instrument :

MSVOA\_N

ClientSampleId :

DUP04-20210322DL

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 363   |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 118.7 | 35.2  | 52.8# |
| 71       | 71.3  | 33.1  | 49.7# |



#30

Chloroform

Concen: 0.06 ug/l

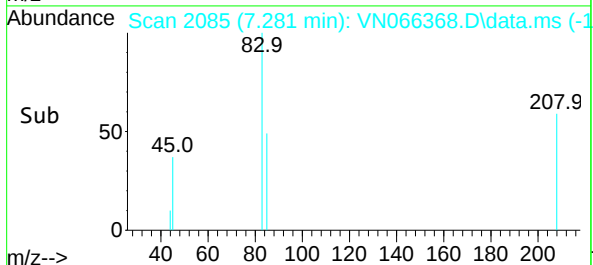
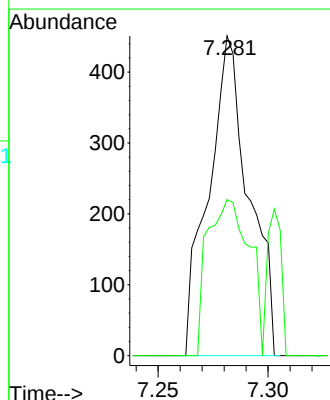
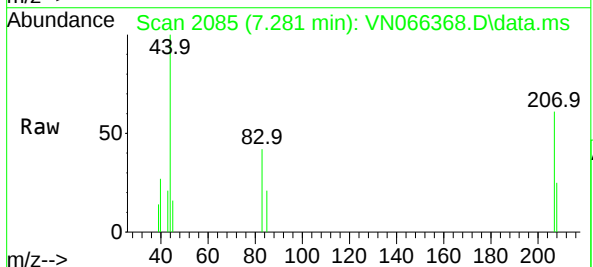
RT: 7.281 min Scan# 2085

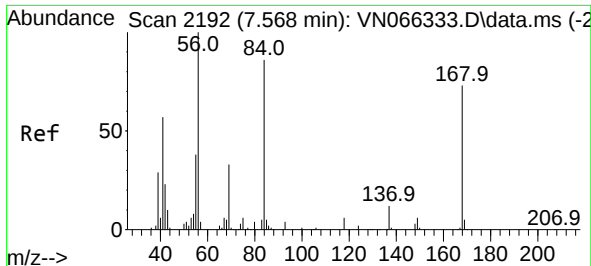
Delta R.T. -0.003 min

Lab File: VN066368.D

Acq: 29 Mar 2021 11:54

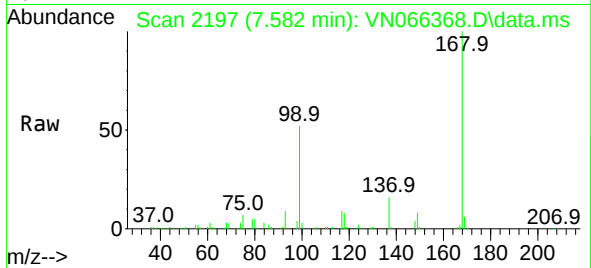
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 575   |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 48.8  | 51.3  | 76.9# |



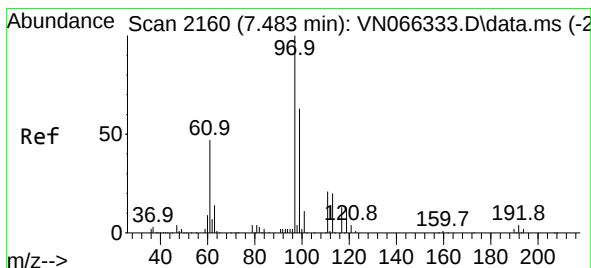
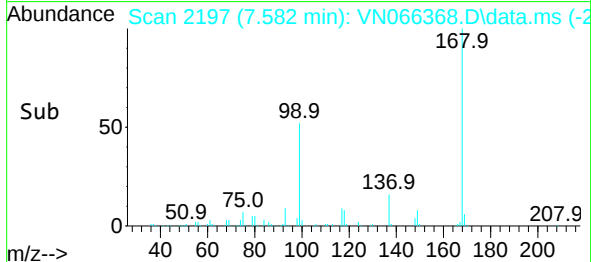
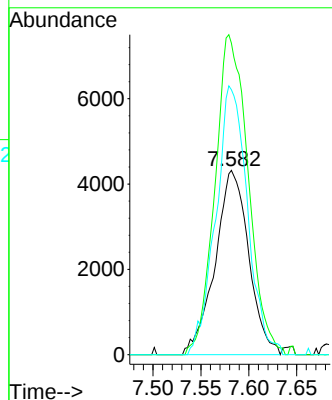


#31  
Cyclohexane  
Concen: 1.13 ug/l  
RT: 7.582 min Scan# 2197  
Delta R.T. 0.013 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

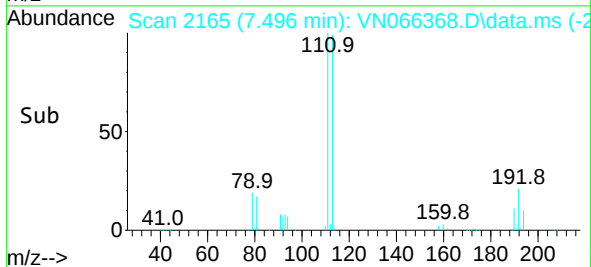
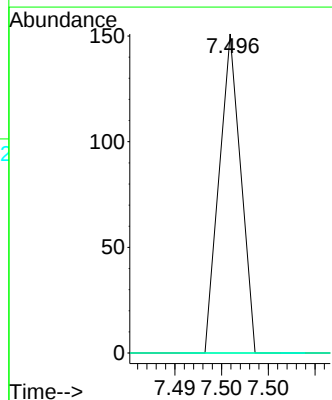
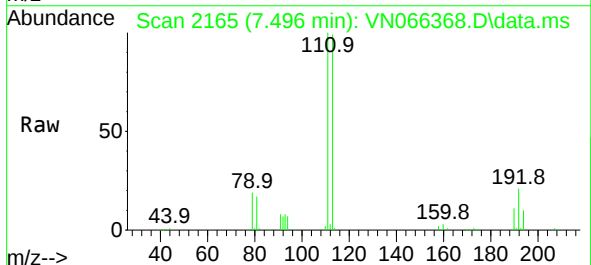


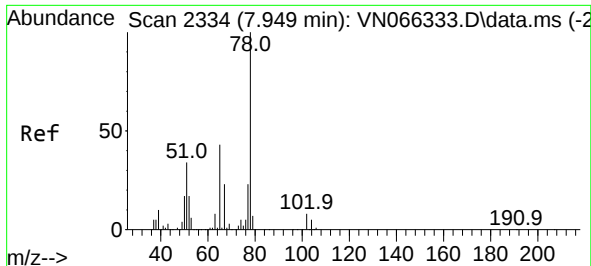
Tgt Ion: 56 Resp: 10535  
Ion Ratio Lower Upper  
56 100  
69 169.1 26.6 40.0#  
84 143.8 68.7 103.1#



#32  
1,1,1-Trichloroethane  
Concen: 0.00 ug/l  
RT: 7.496 min Scan# 2165  
Delta R.T. 0.013 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

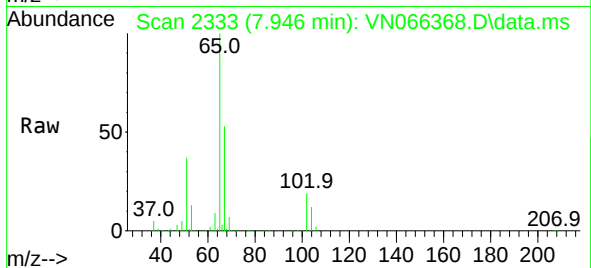
Tgt Ion: 97 Resp: 24  
Ion Ratio Lower Upper  
97 100  
99 0.0 51.1 76.7#  
61 0.0 36.9 55.3#



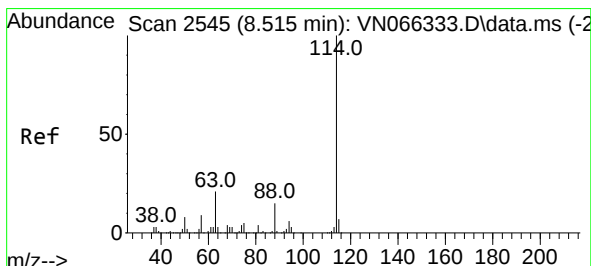
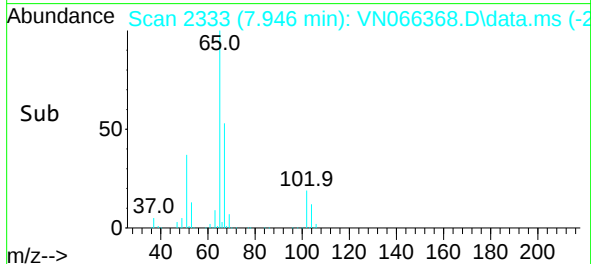
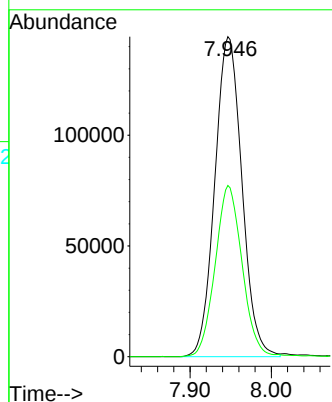


#33  
 1,2-Dichloroethane-d4  
 Concen: 49.60 ug/l  
 RT: 7.946 min Scan# 2333  
 Delta R.T. -0.003 min  
 Lab File: VN066368.D  
 Acq: 29 Mar 2021 11:54

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 DUP04-20210322DL

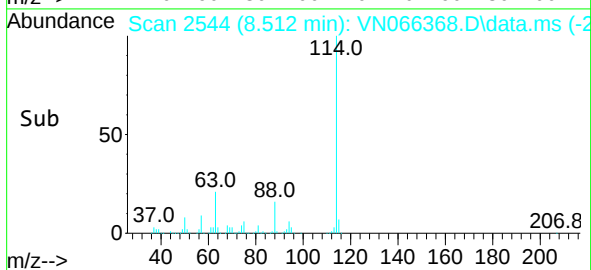
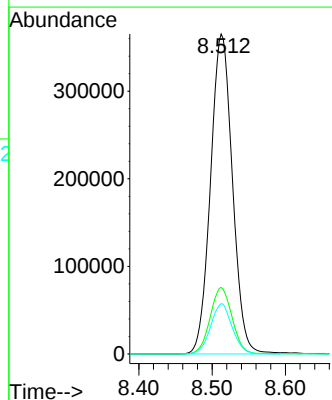
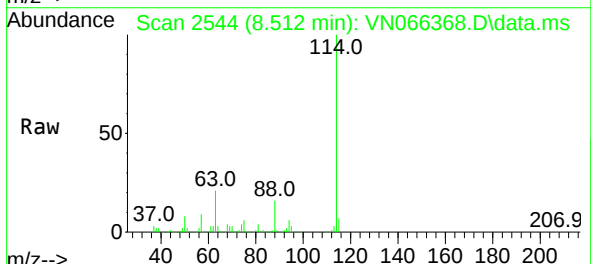


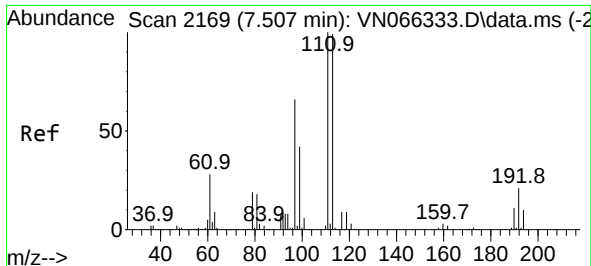
Tgt Ion: 65 Resp: 335167  
 Ion Ratio Lower Upper  
 65 100  
 67 53.3 0.0 105.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.512 min Scan# 2544  
 Delta R.T. -0.003 min  
 Lab File: VN066368.D  
 Acq: 29 Mar 2021 11:54

Tgt Ion: 114 Resp: 757762  
 Ion Ratio Lower Upper  
 114 100  
 63 20.8 0.0 42.0  
 88 15.7 0.0 31.0

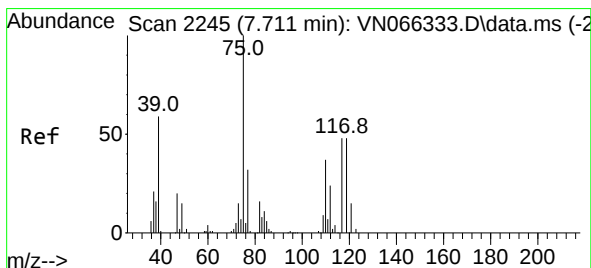
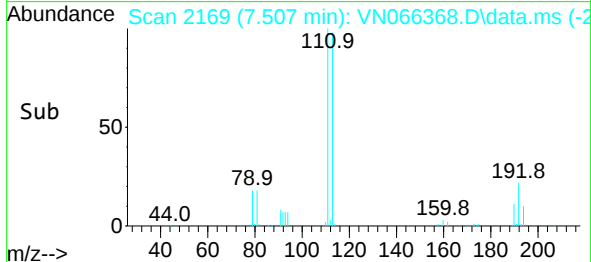
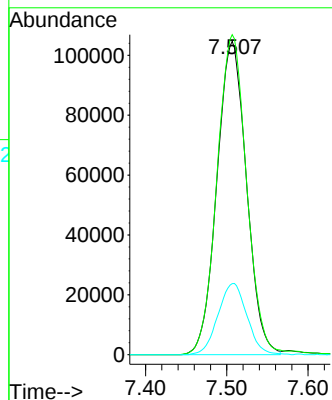
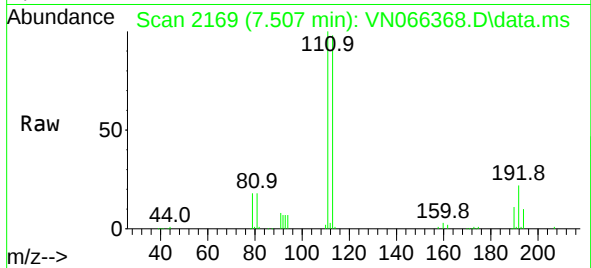




#35  
Dibromofluoromethane  
Concen: 52.66 ug/l  
RT: 7.507 min Scan# 2169  
Delta R.T. -0.000 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

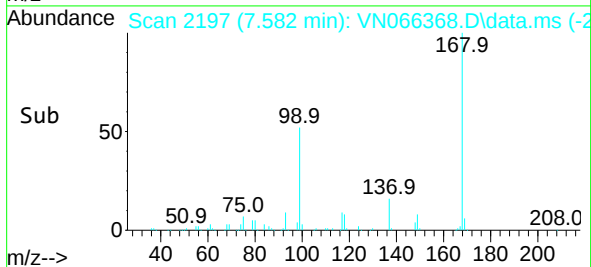
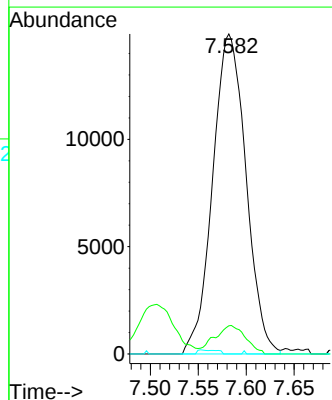
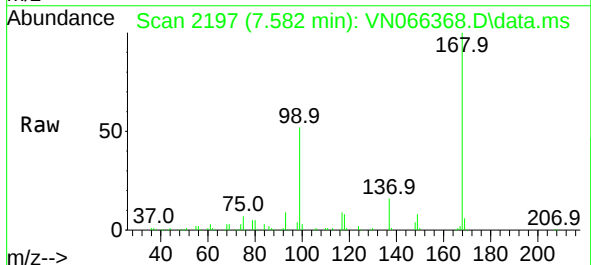
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

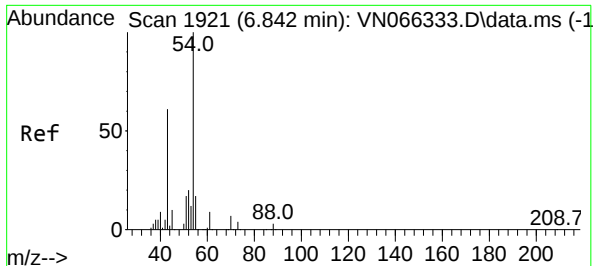
Tgt Ion:113 Resp: 264530  
Ion Ratio Lower Upper  
113 100  
111 102.2 81.8 122.8  
192 22.3 17.1 25.7



#36  
1,1-Dichloropropene  
Concen: 5.05 ug/l  
RT: 7.582 min Scan# 2197  
Delta R.T. -0.129 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Tgt Ion: 75 Resp: 35971  
Ion Ratio Lower Upper  
75 100  
110 8.4 18.1 54.3#  
77 0.1 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.02 ug/l

RT: 6.833 min Scan# 1918

Delta R.T. -0.008 min

Lab File: VN066368.D

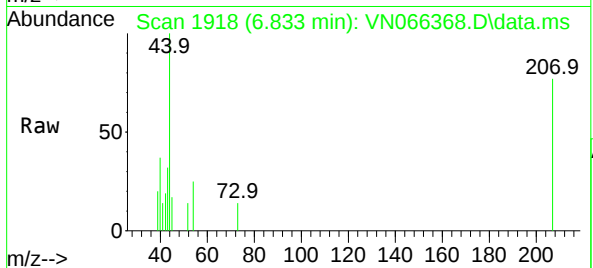
Acq: 29 Mar 2021 11:54

Instrument :

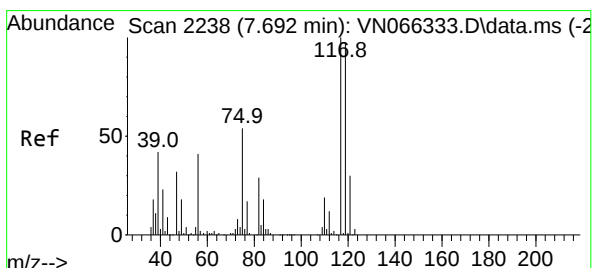
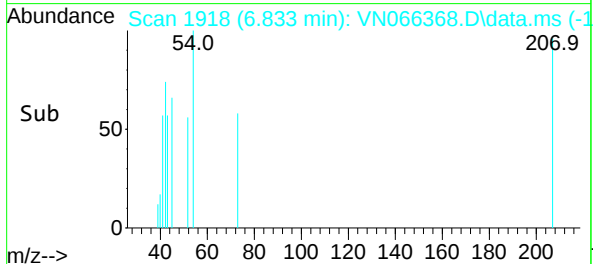
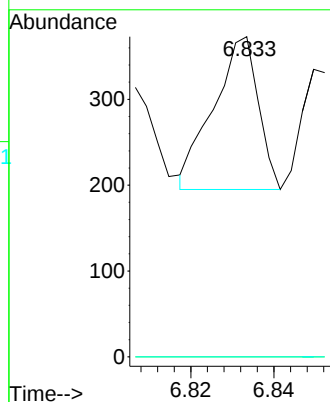
MSVOA\_N

ClientSampleId :

DUP04-20210322DL



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 133   |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 0.0   | 11.1  | 16.7# |
| 70       | 0.0   | 8.0   | 12.0# |



#38

Carbon Tetrachloride

Concen: 6.34 ug/l

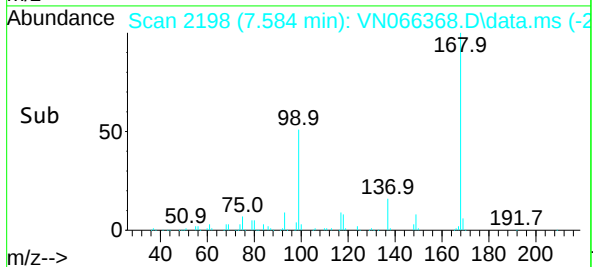
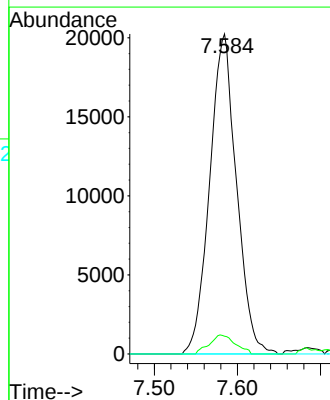
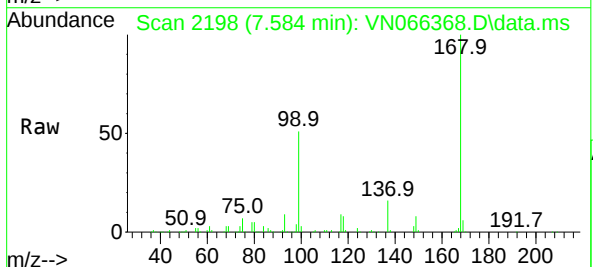
RT: 7.584 min Scan# 2198

Delta R.T. -0.107 min

Lab File: VN066368.D

Acq: 29 Mar 2021 11:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 45402  |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 5.5   | 77.2  | 115.8# |
| 121      | 0.0   | 24.2  | 36.4#  |

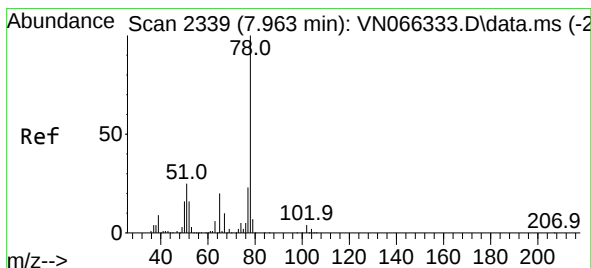
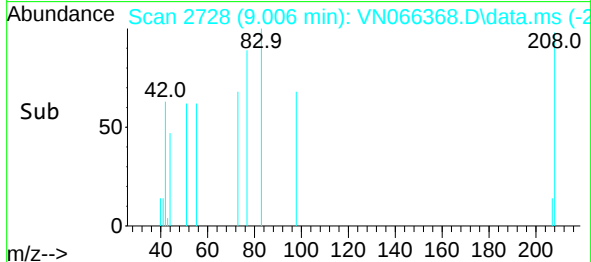
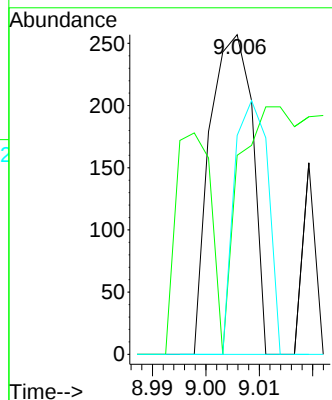
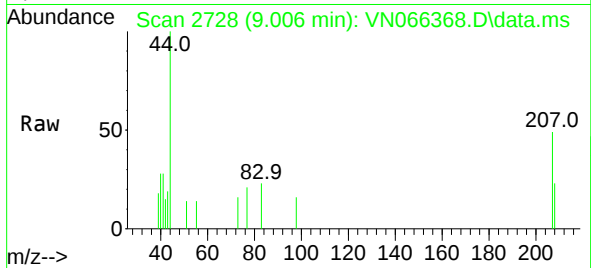




#39  
Methylcyclohexane  
Concen: 0.02 ug/l  
RT: 9.006 min Scan# 2728  
Delta R.T. -0.005 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

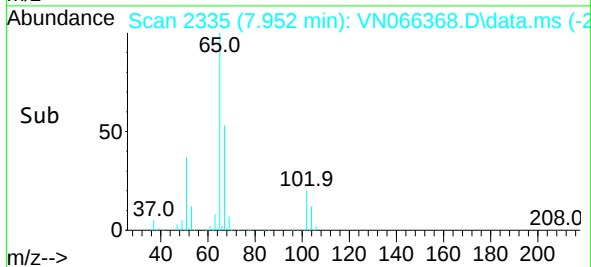
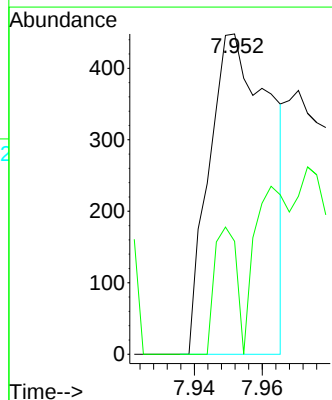
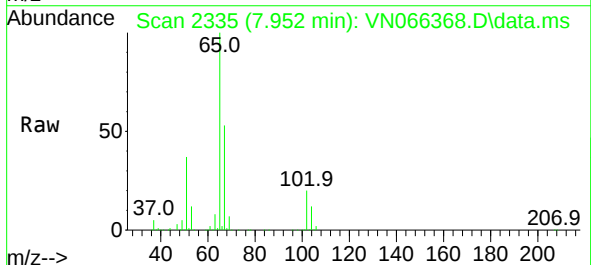
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

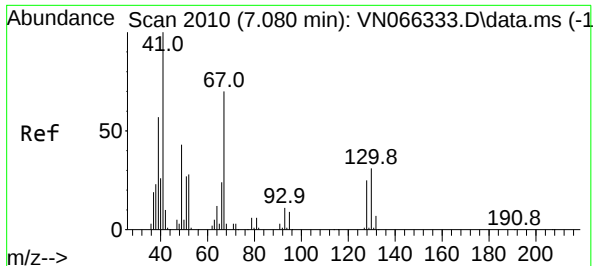
Tgt Ion: 83 Resp: 142  
Ion Ratio Lower Upper  
83 100  
55 0.0 62.3 93.5#  
98 68.5 35.6 53.4#



#40  
Benzene  
Concen: 0.03 ug/l  
RT: 7.952 min Scan# 2335  
Delta R.T. -0.011 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Tgt Ion: 78 Resp: 561  
Ion Ratio Lower Upper  
78 100  
77 35.3 18.7 28.1#





#41

Methacrylonitrile

Concen: 0.02 ug/l

RT: 7.069 min Scan# 2006

Delta R.T. -0.011 min

Lab File: VN066368.D

Acq: 29 Mar 2021 11:54

Tgt Ion: 41 Resp: 79

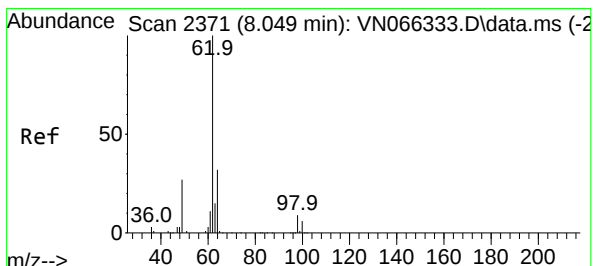
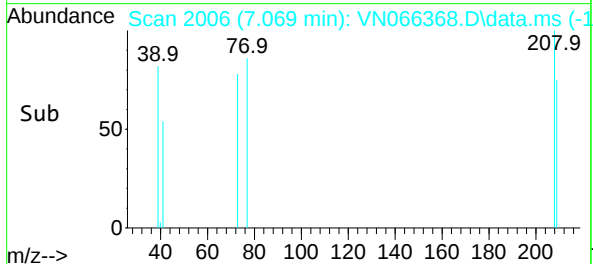
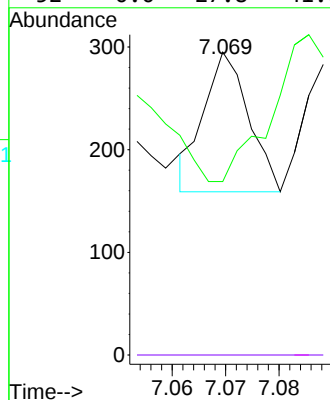
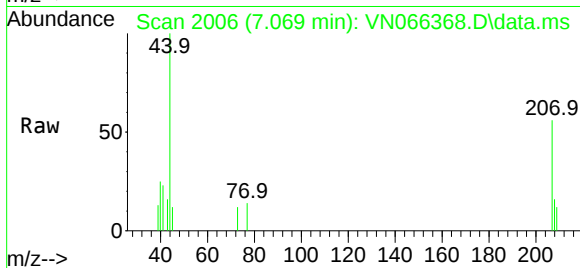
Ion Ratio Lower Upper

41 100

39 0.0 51.7 77.5#

67 0.0 68.5 102.7#

52 0.0 27.8 41.6#



#42

1,2-Dichloroethane

Concen: 0.16 ug/l

RT: 8.046 min Scan# 2370

Delta R.T. -0.003 min

Lab File: VN066368.D

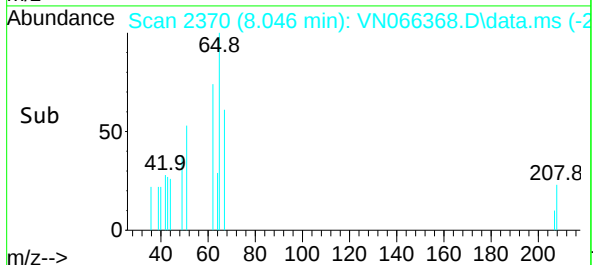
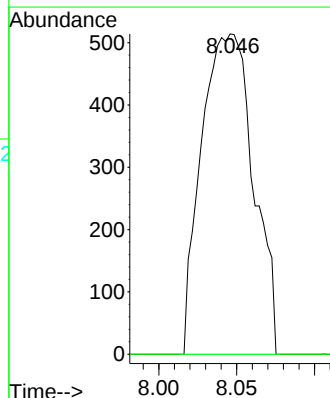
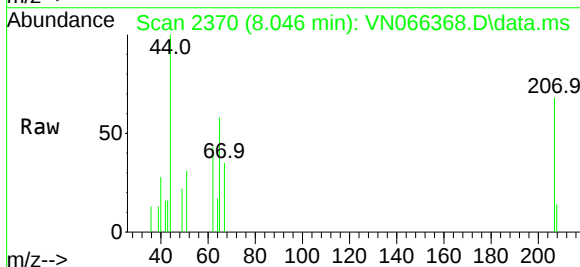
Acq: 29 Mar 2021 11:54

Tgt Ion: 62 Resp: 1195

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.6

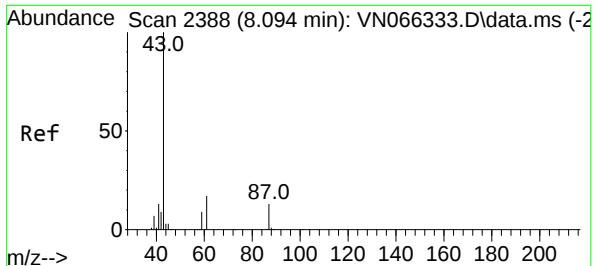


Instrument :

MSVOA\_N

ClientSampleId :

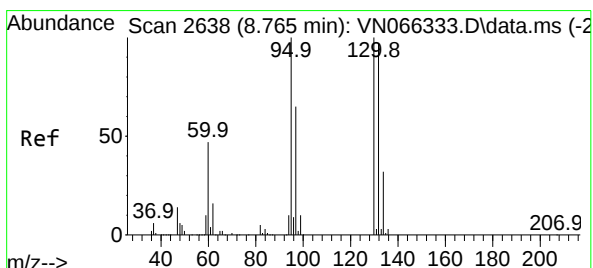
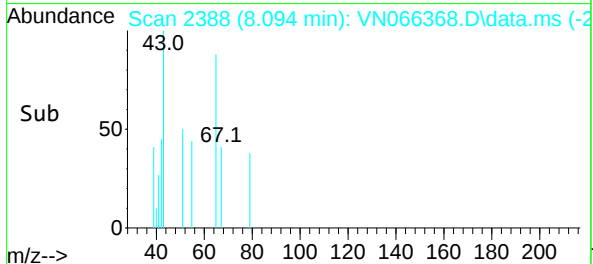
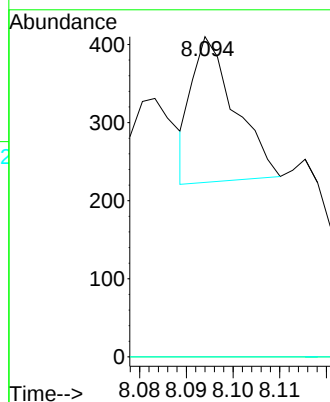
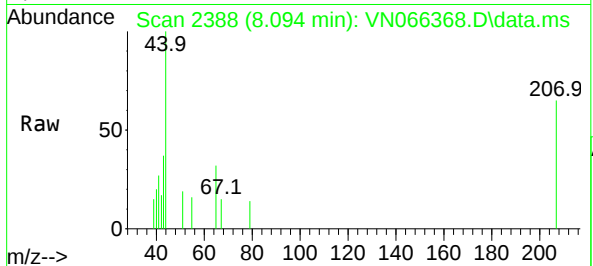
DUP04-20210322DL



#43  
Isopropyl Acetate  
Concen: 0.01 ug/l  
RT: 8.094 min Scan# 2388  
Delta R.T. -0.000 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

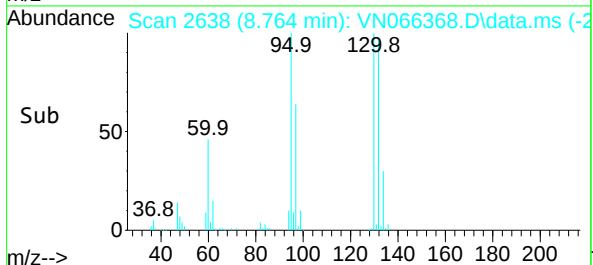
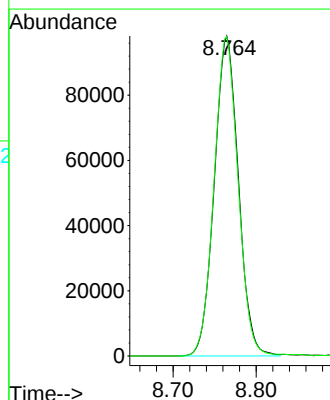
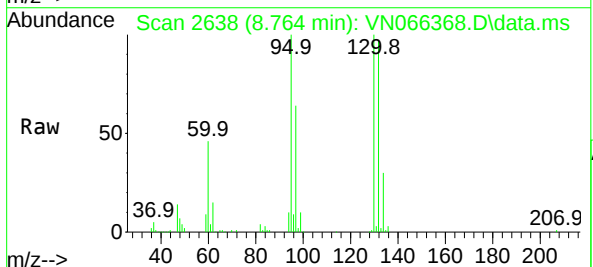
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

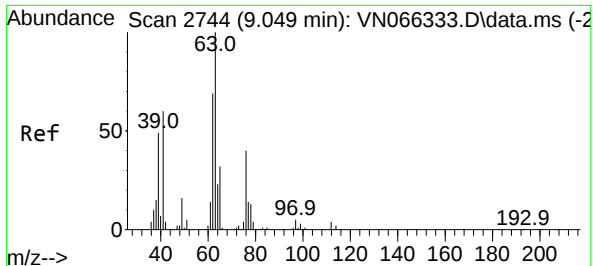
Tgt Ion: 43 Resp: 119  
Ion Ratio Lower Upper  
43 100  
61 0.0 15.5 23.3#  
87 0.0 10.5 15.7#



#44  
Trichloroethene  
Concen: 34.99 ug/l  
RT: 8.764 min Scan# 2638  
Delta R.T. -0.000 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Tgt Ion:130 Resp: 197847  
Ion Ratio Lower Upper  
130 100  
95 99.8 0.0 200.6



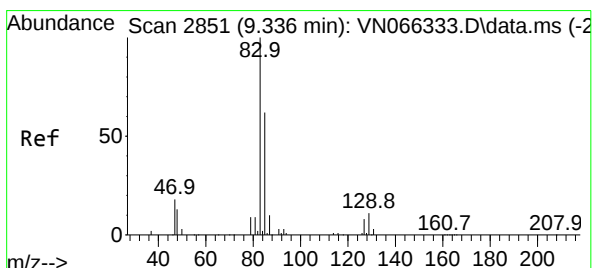
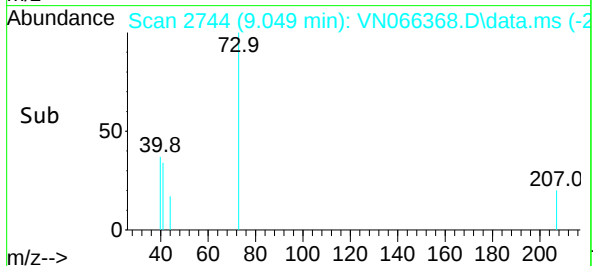
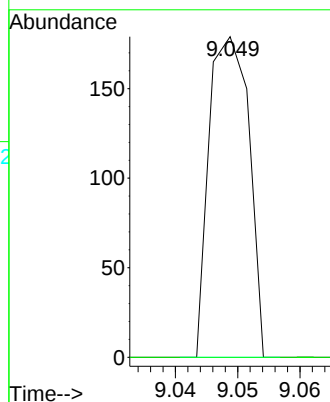
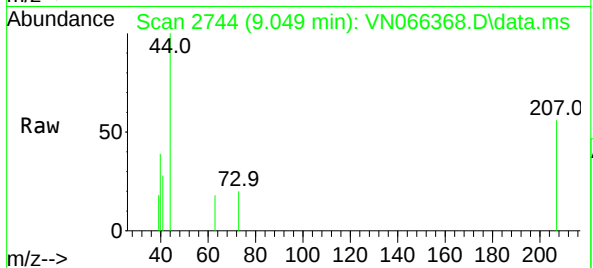


#45

1,2-Dichloropropane  
Concen: 0.01 ug/l  
RT: 9.049 min Scan# 2744  
Delta R.T. -0.000 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

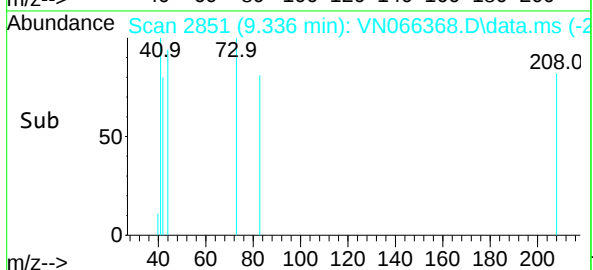
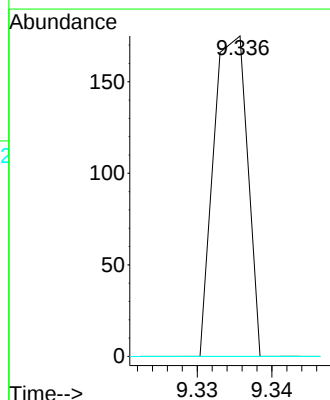
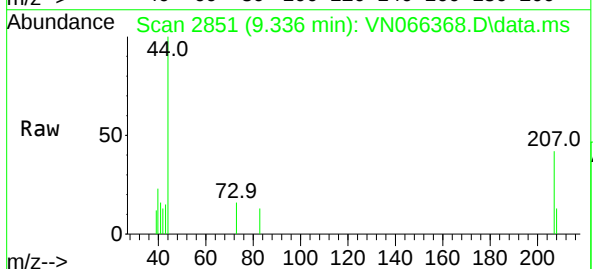
Tgt Ion: 63 Resp: 80  
Ion Ratio Lower Upper  
63 100  
65 0.0 25.5 38.3#

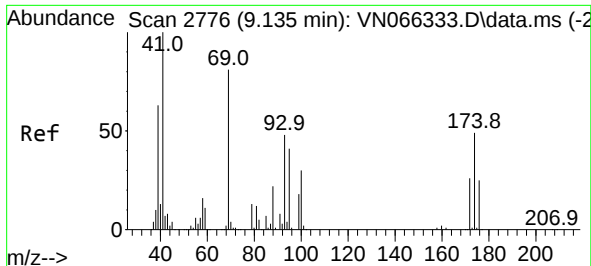


#47

Bromodichloromethane  
Concen: 0.01 ug/l  
RT: 9.336 min Scan# 2851  
Delta R.T. -0.000 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Tgt Ion: 83 Resp: 55  
Ion Ratio Lower Upper  
83 100  
85 0.0 49.4 74.2#  
127 0.0 6.7 10.1#





#48

Methyl methacrylate

Concen: 0.10 ug/l

RT: 9.132 min Scan# 2775

Delta R.T. -0.003 min

Lab File: VN066368.D

Acq: 29 Mar 2021 11:54

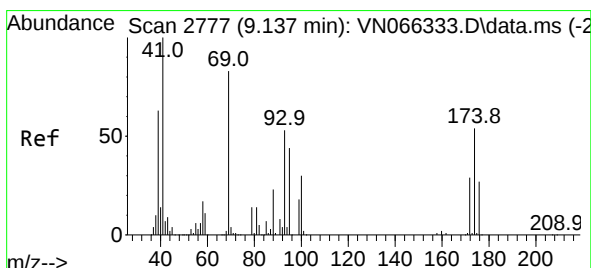
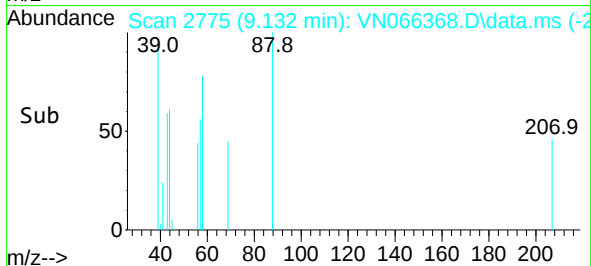
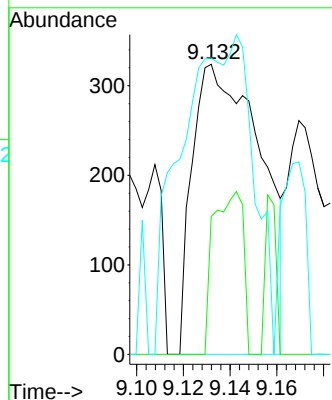
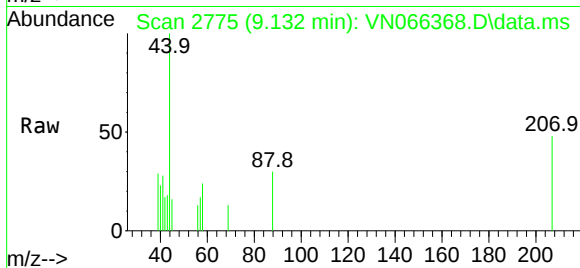
Instrument :

MSVOA\_N

ClientSampleId :

DUP04-20210322DL

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 656   |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 24.4  | 66.2  | 99.4# |
| 39       | 72.7  | 51.5  | 77.3  |



#49

1,4-Dioxane

Concen: 4.67 ug/l

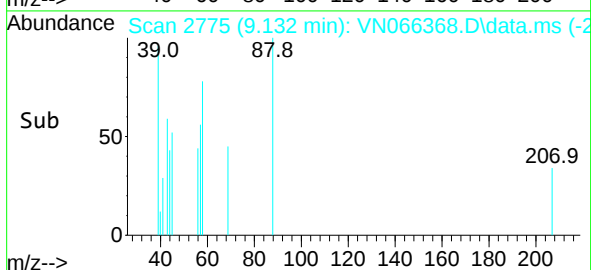
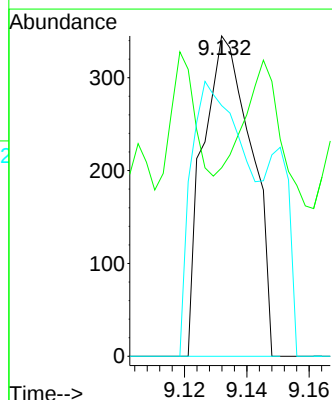
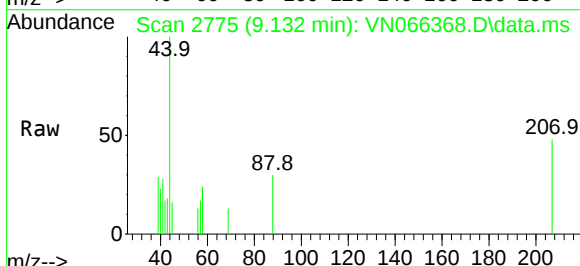
RT: 9.132 min Scan# 2775

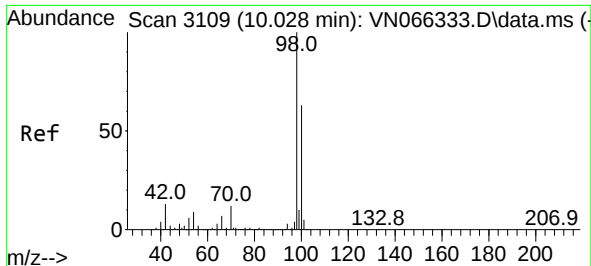
Delta R.T. -0.005 min

Lab File: VN066368.D

Acq: 29 Mar 2021 11:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 374   |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 20.9  | 28.2  | 42.4# |
| 58       | 94.1  | 56.6  | 84.8# |

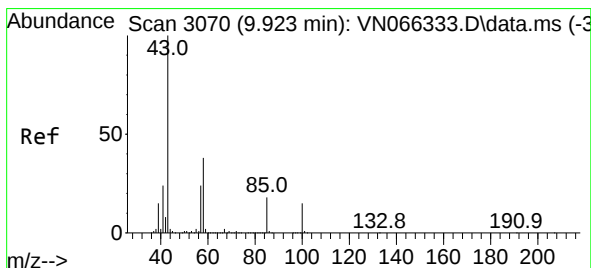
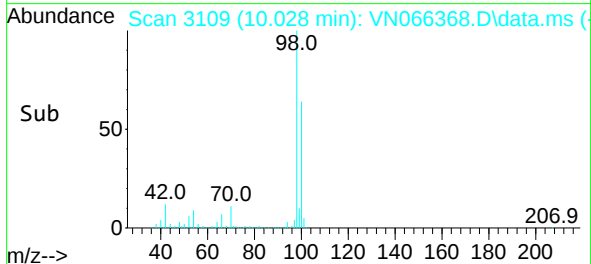
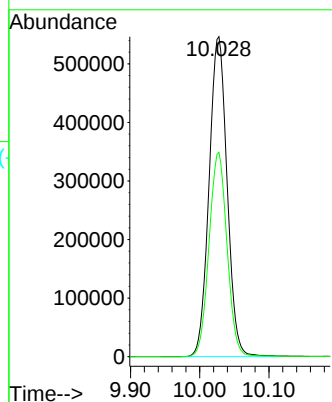
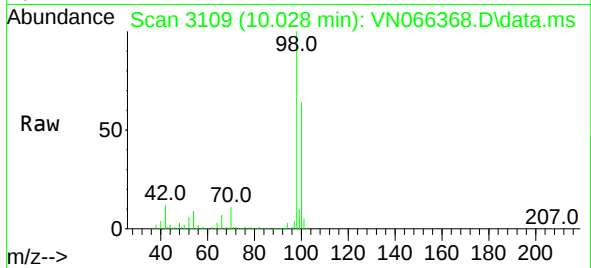




#50  
Toluene-d8  
Concen: 51.88 ug/l  
RT: 10.028 min Scan# 3109  
Delta R.T. -0.000 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

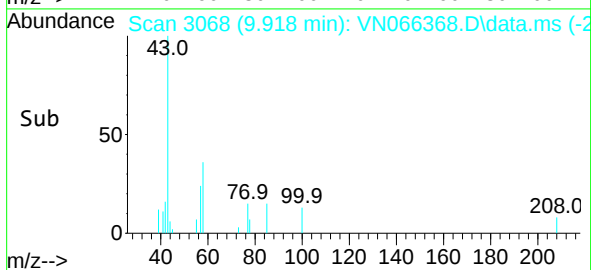
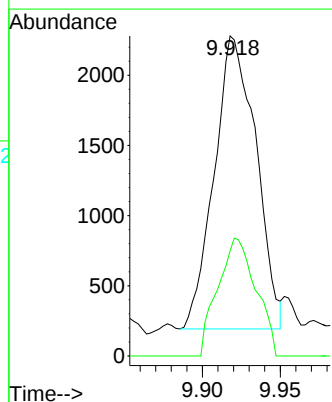
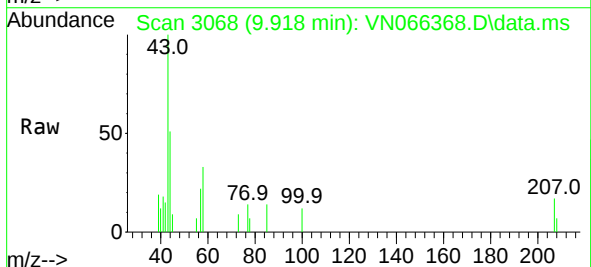
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

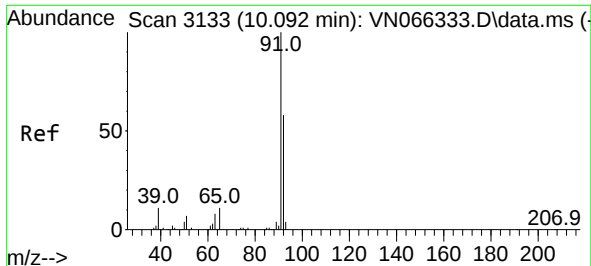
Tgt Ion: 98 Resp: 988541  
Ion Ratio Lower Upper  
98 100  
100 63.8 50.5 75.7



#51  
4-Methyl-2-Pentanone  
Concen: 0.50 ug/l  
RT: 9.918 min Scan# 3068  
Delta R.T. -0.005 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Tgt Ion: 43 Resp: 3886  
Ion Ratio Lower Upper  
43 100  
58 36.7 30.8 46.2

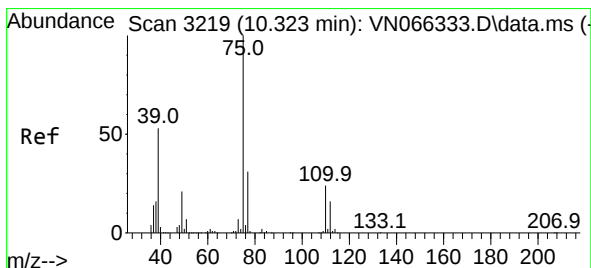
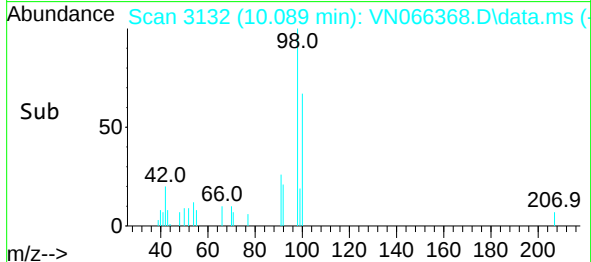
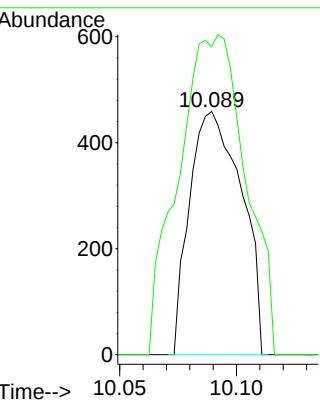
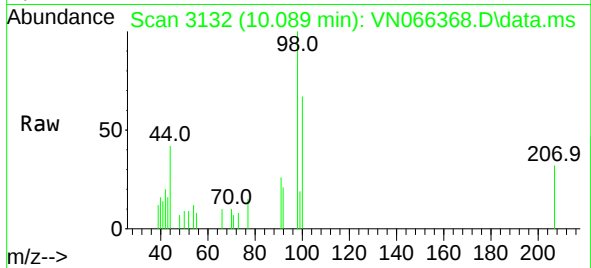




#52  
Toluene  
Concen: 0.05 ug/l  
RT: 10.089 min Scan# 3132  
Delta R.T. -0.003 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

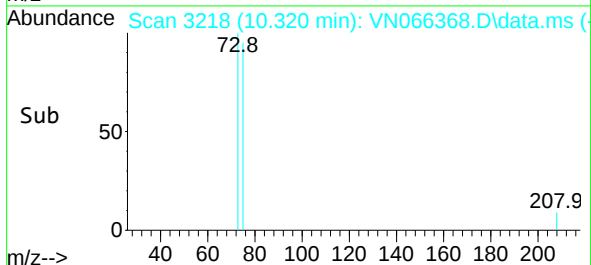
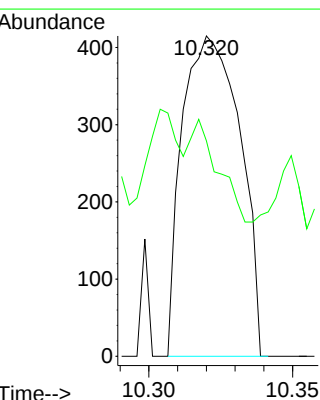
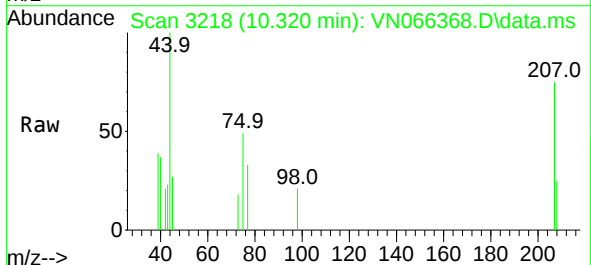
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

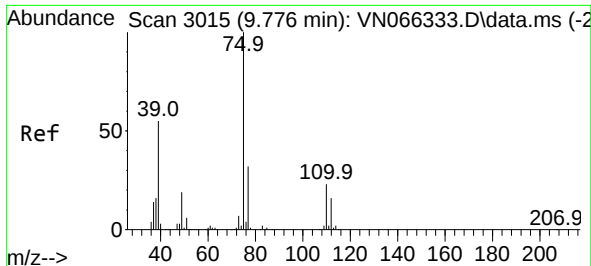
Tgt Ion: 92 Resp: 710  
Ion Ratio Lower Upper  
92 100  
91 170.7 138.8 208.2



#53  
t-1,3-Dichloropropene  
Concen: 0.07 ug/l  
RT: 10.320 min Scan# 3218  
Delta R.T. -0.003 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

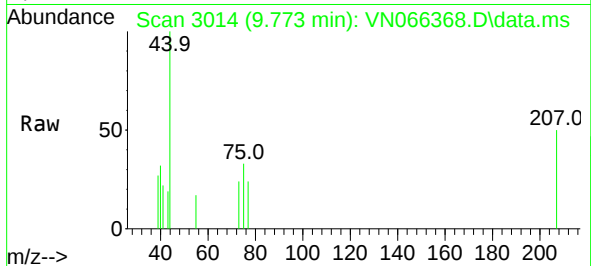
Tgt Ion: 75 Resp: 579  
Ion Ratio Lower Upper  
75 100  
77 22.2 25.0 37.6#



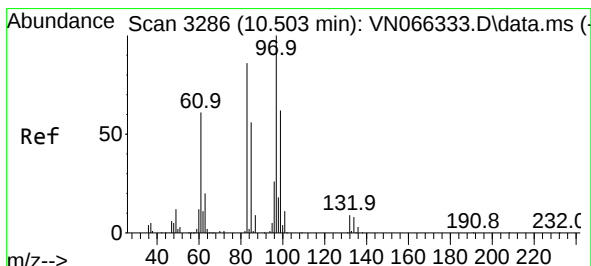
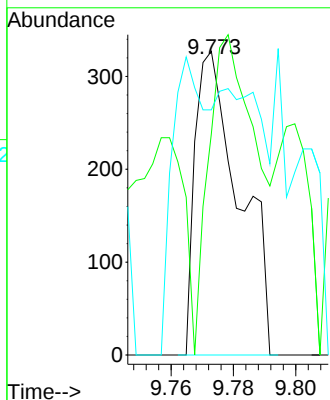
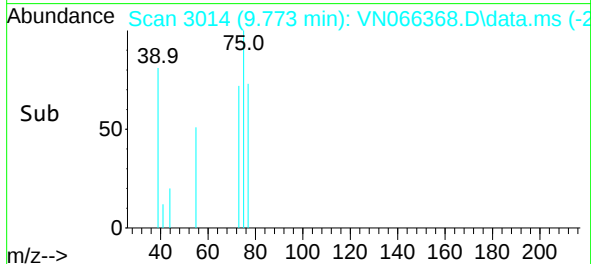


#54  
 cis-1,3-Dichloropropene  
 Concen: 0.04 ug/l  
 RT: 9.773 min Scan# 3014  
 Delta R.T. -0.003 min  
 Lab File: VN066368.D  
 Acq: 29 Mar 2021 11:54

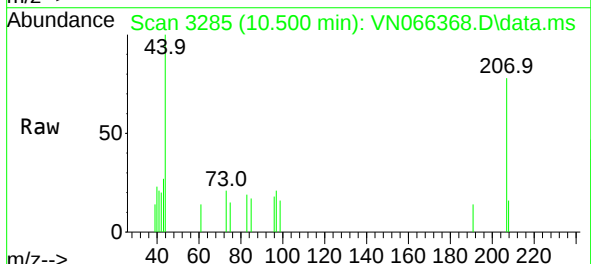
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 DUP04-20210322DL



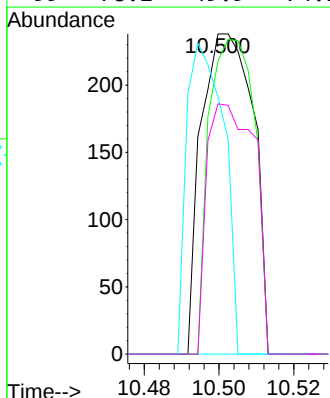
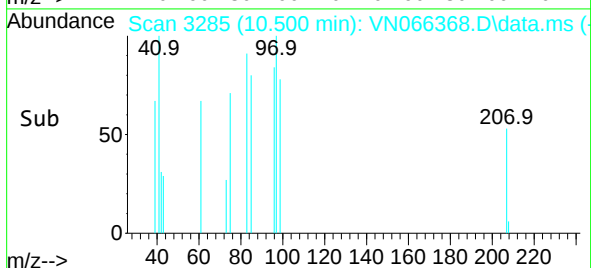
Tgt Ion: 75 Resp: 322  
 Ion Ratio Lower Upper  
 75 100  
 77 9.2 25.4 38.2#  
 39 0.0 44.2 66.4#

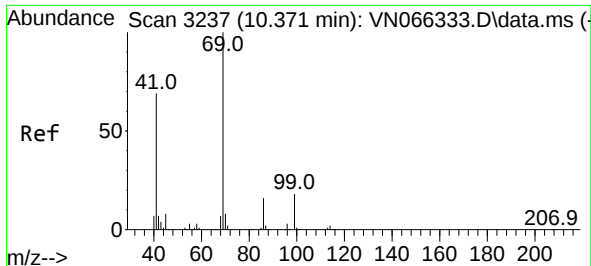


#55  
 1,1,2-Trichloroethane  
 Concen: 0.04 ug/l  
 RT: 10.500 min Scan# 3285  
 Delta R.T. -0.003 min  
 Lab File: VN066368.D  
 Acq: 29 Mar 2021 11:54



Tgt Ion: 97 Resp: 229  
 Ion Ratio Lower Upper  
 97 100  
 83 91.6 68.9 103.3  
 85 80.3 45.1 67.7#  
 99 78.2 49.9 74.9#

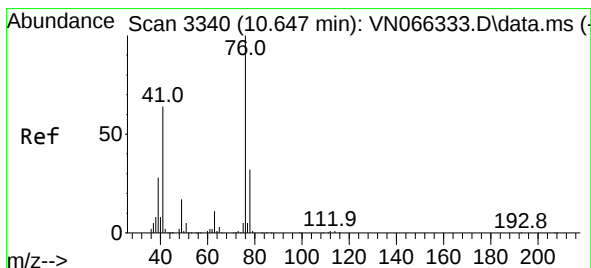
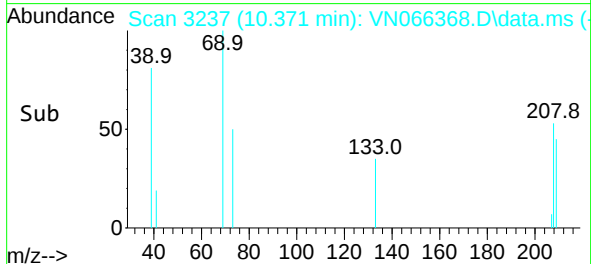
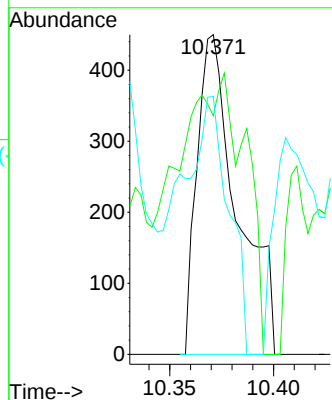
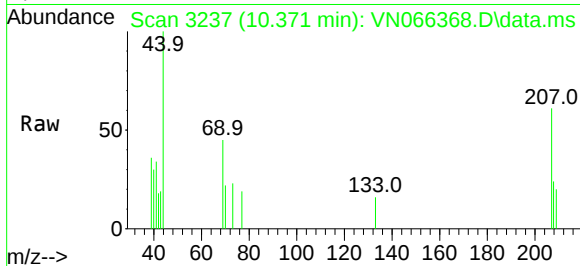




#56  
Ethyl methacrylate  
Concen: 0.07 ug/l  
RT: 10.371 min Scan# 3237  
Delta R.T. -0.000 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

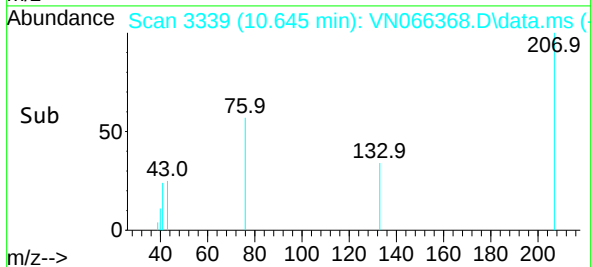
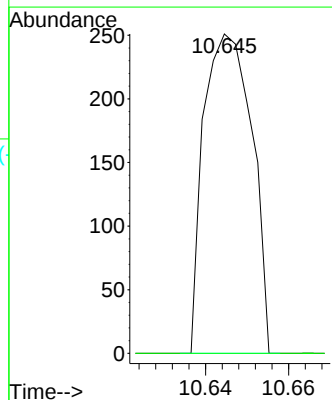
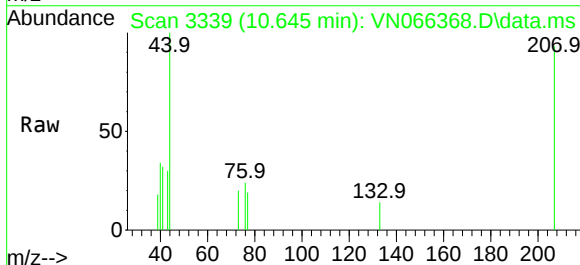
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

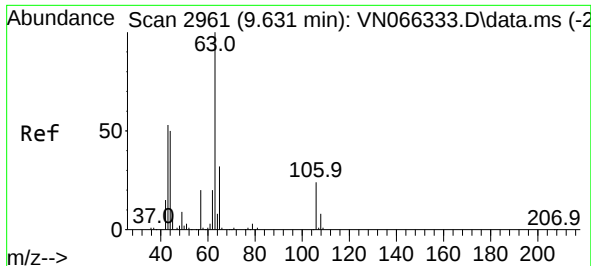
Tgt Ion: 69 Resp: 606  
Ion Ratio Lower Upper  
69 100  
41 34.2 55.3 82.9#  
39 93.7 33.8 50.6#



#57  
1,3-Dichloropropane  
Concen: 0.02 ug/l  
RT: 10.645 min Scan# 3339  
Delta R.T. -0.003 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Tgt Ion: 76 Resp: 202  
Ion Ratio Lower Upper  
76 100  
78 0.0 25.9 38.9#

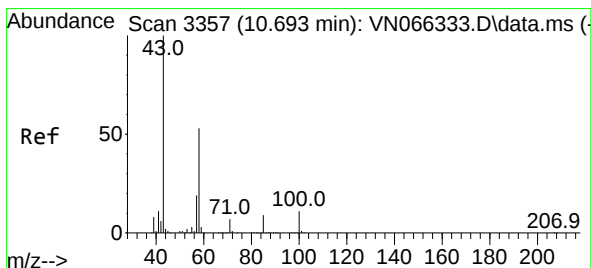
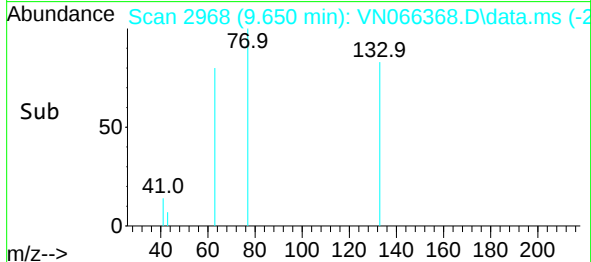
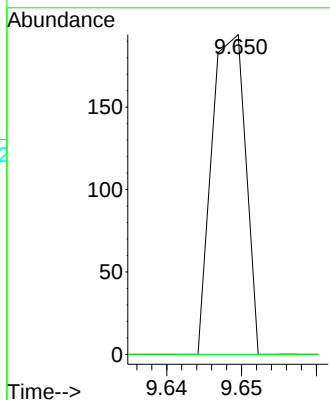
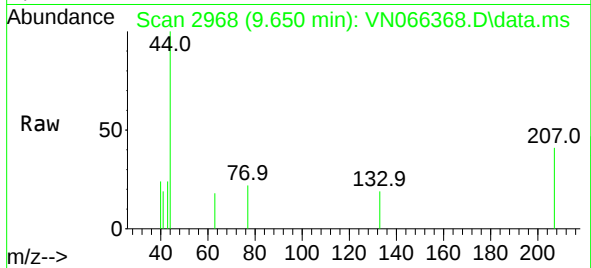




#58  
2-Chloroethyl Vinyl ether  
Concen: 25.66 ug/l  
RT: 9.650 min Scan# 2968  
Delta R.T. 0.019 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

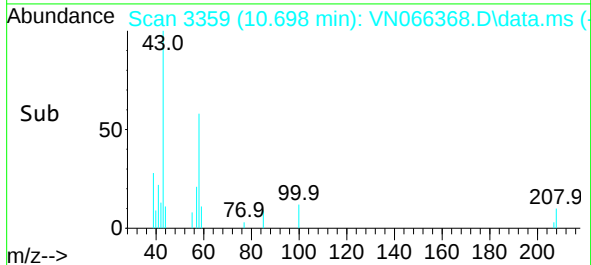
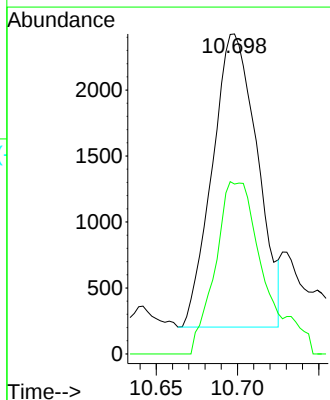
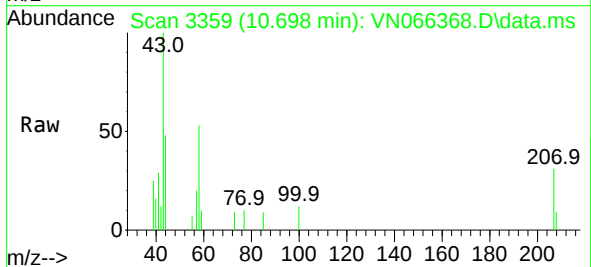
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

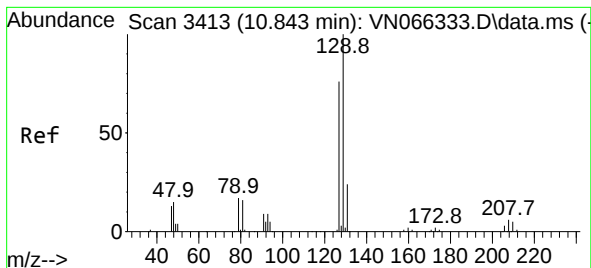
Tgt Ion: 63 Resp: 61  
Ion Ratio Lower Upper  
63 100  
106 0.0 21.0 31.4#



#59  
2-Hexanone  
Concen: 0.78 ug/l  
RT: 10.698 min Scan# 3359  
Delta R.T. 0.005 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Tgt Ion: 43 Resp: 4281  
Ion Ratio Lower Upper  
43 100  
58 63.3 26.6 79.8

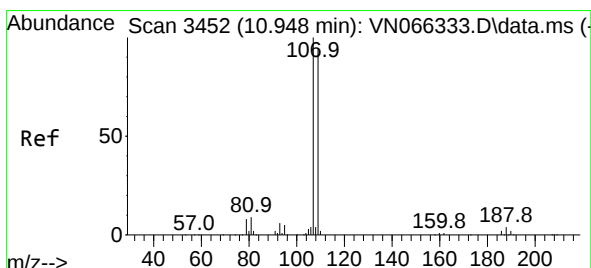
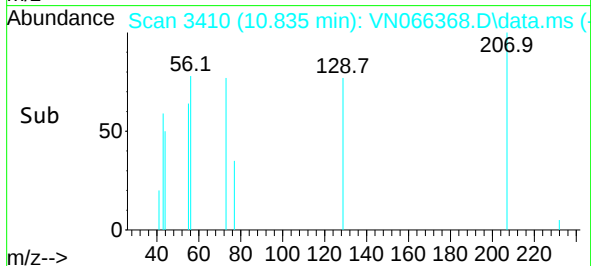
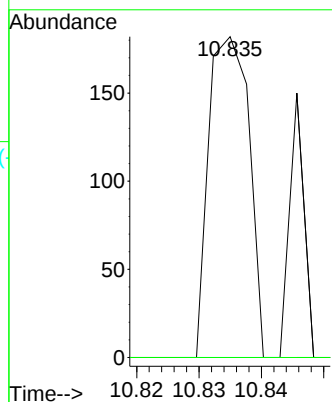
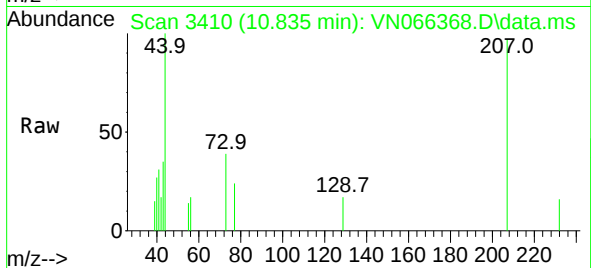




#60  
Dibromochloromethane  
Concen: 0.01 ug/l  
RT: 10.835 min Scan# 3410  
Delta R.T. -0.008 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

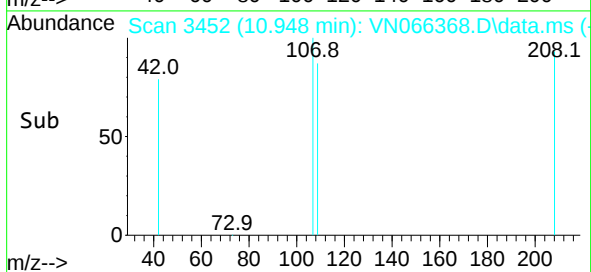
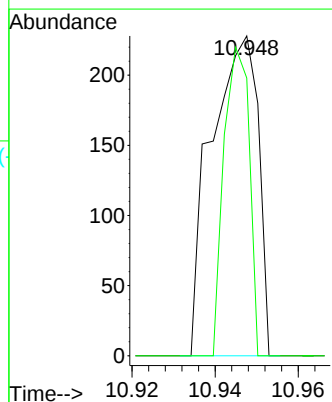
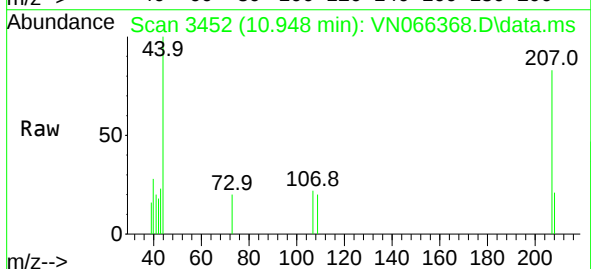
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

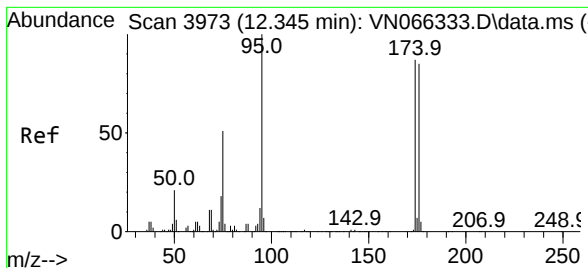
Tgt Ion:129 Resp: 82  
Ion Ratio Lower Upper  
129 100  
127 0.0 38.5 115.5#



#61  
1,2-Dibromoethane  
Concen: 0.03 ug/l  
RT: 10.948 min Scan# 3452  
Delta R.T. -0.000 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Tgt Ion:107 Resp: 179  
Ion Ratio Lower Upper  
107 100  
109 52.0 75.4 113.2#

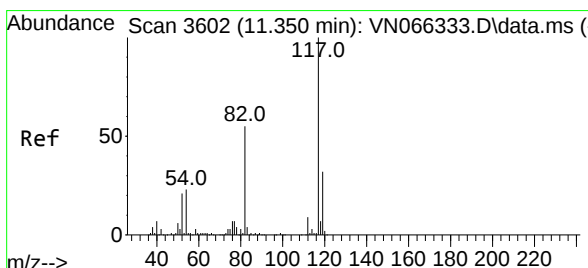
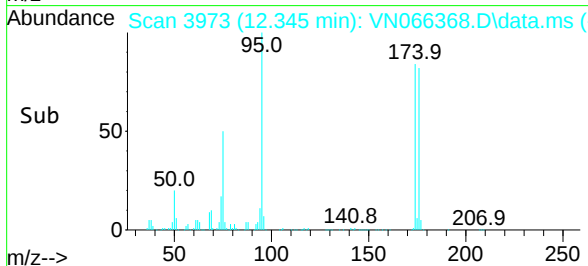
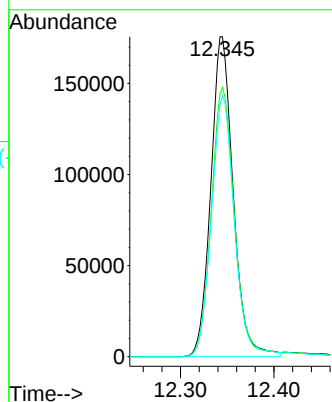
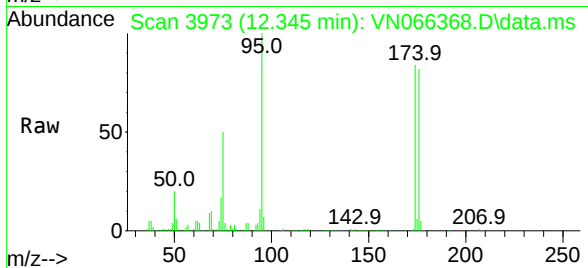




#62  
4-Bromofluorobenzene  
Concen: 44.26 ug/l  
RT: 12.345 min Scan# 3973  
Delta R.T. -0.000 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

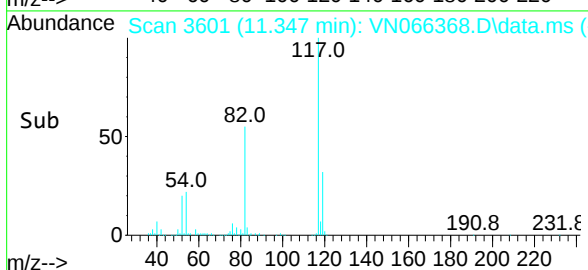
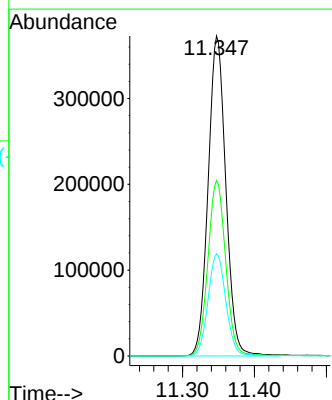
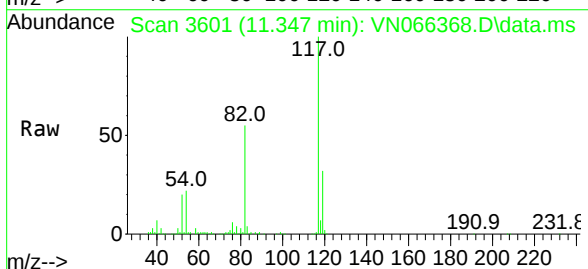
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

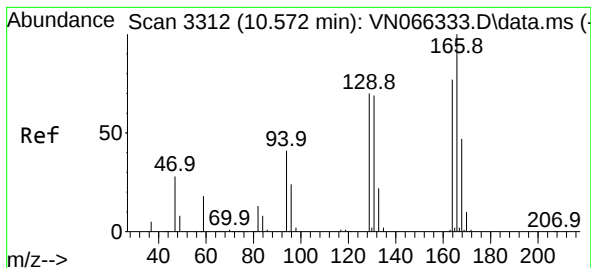
Tgt Ion: 95 Resp: 292918  
Ion Ratio Lower Upper  
95 100  
174 87.3 0.0 172.2  
176 83.7 0.0 167.8



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.347 min Scan# 3601  
Delta R.T. -0.003 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

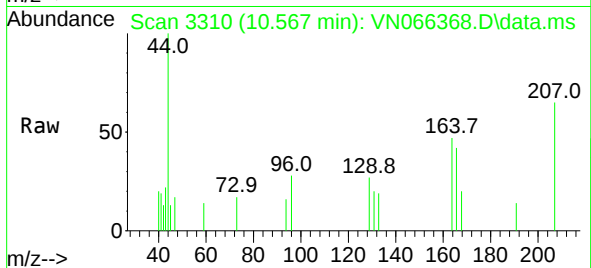
Tgt Ion: 117 Resp: 638208  
Ion Ratio Lower Upper  
117 100  
82 54.8 44.2 66.4  
119 31.9 25.8 38.6





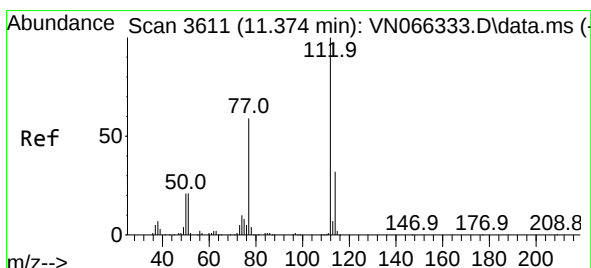
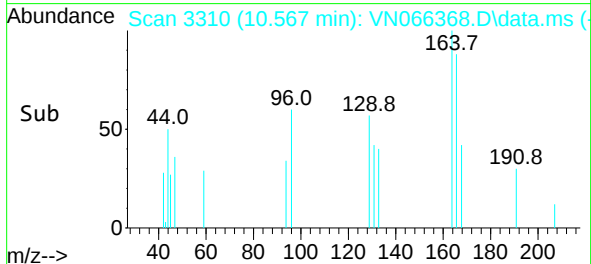
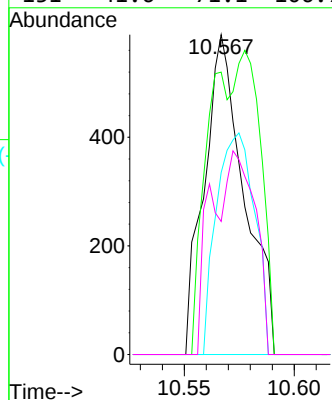
#64  
Tetrachloroethene  
Concen: 0.14 ug/l  
RT: 10.567 min Scan# 3310  
Delta R.T. -0.005 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL



Tgt Ion:164 Resp: 745

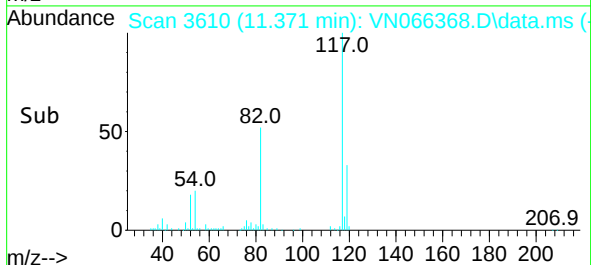
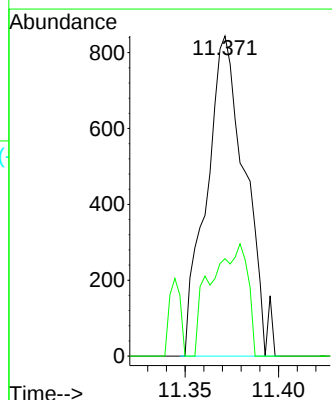
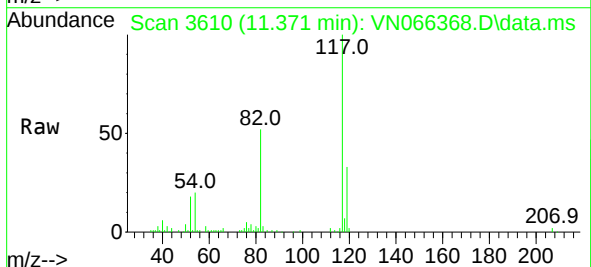
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 164 | 100   |       |        |
| 166 | 88.3  | 103.3 | 154.9# |
| 129 | 56.9  | 72.5  | 108.7# |
| 131 | 41.6  | 71.1  | 106.7# |

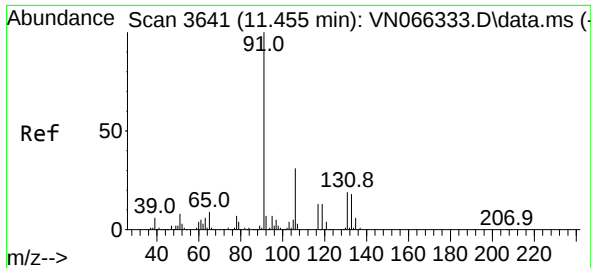


#65  
Chlorobenzene  
Concen: 0.10 ug/l  
RT: 11.371 min Scan# 3610  
Delta R.T. -0.003 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Tgt Ion:112 Resp: 1214

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 114 | 30.5  | 25.7  | 38.5  |

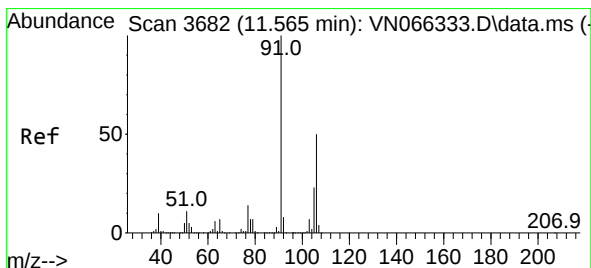
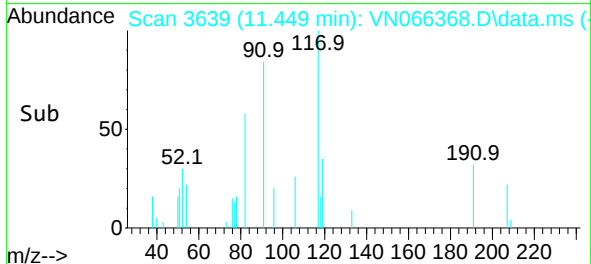
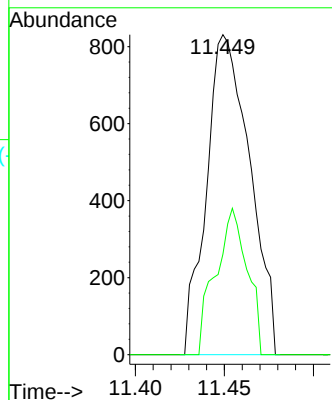
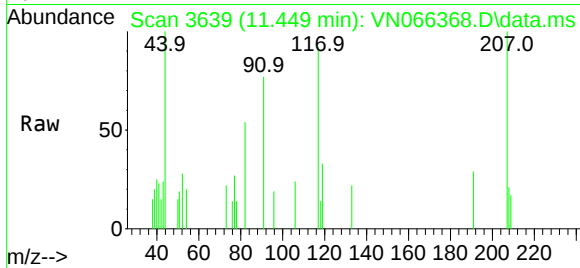




#67  
Ethyl Benzene  
Concen: 0.06 ug/l  
RT: 11.449 min Scan# 3639  
Delta R.T. -0.005 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

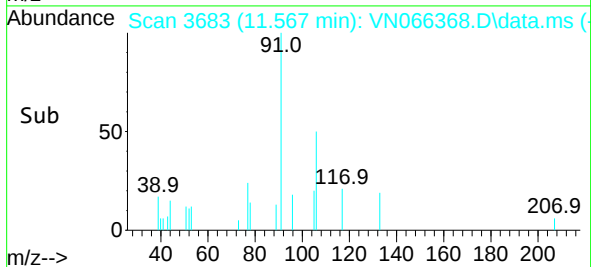
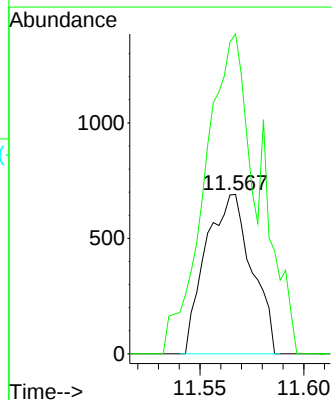
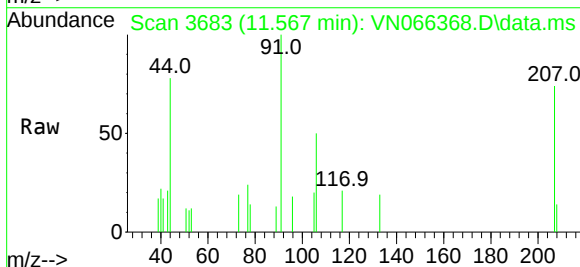
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

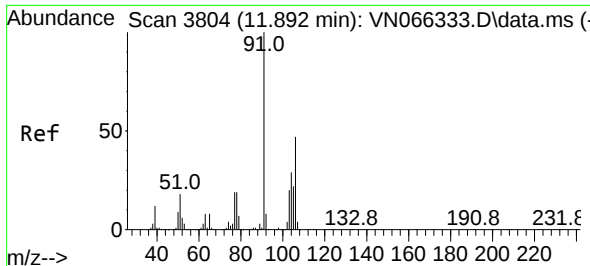
Tgt Ion: 91 Resp: 1410  
Ion Ratio Lower Upper  
91 100  
106 31.4 24.7 37.1



#68  
m/p-Xylenes  
Concen: 0.12 ug/l  
RT: 11.567 min Scan# 3683  
Delta R.T. 0.003 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Tgt Ion:106 Resp: 1060  
Ion Ratio Lower Upper  
106 100  
91 193.8 162.7 244.1

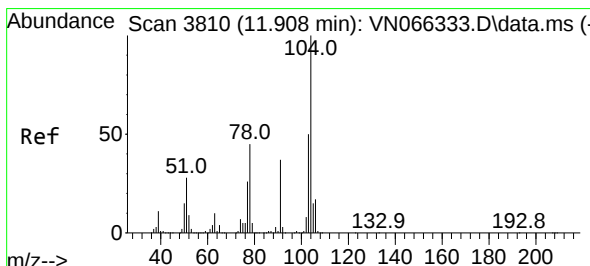
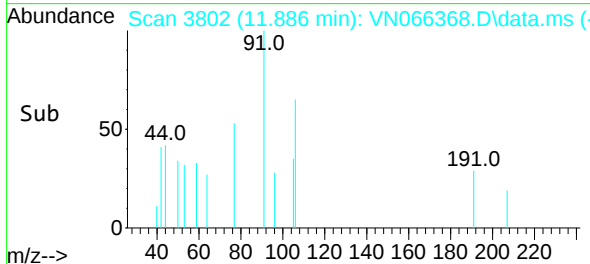
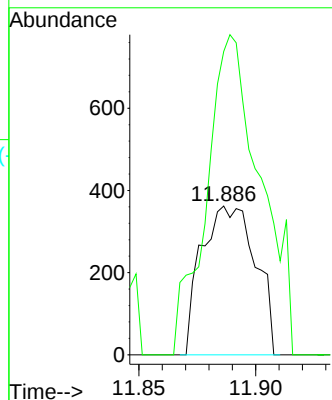
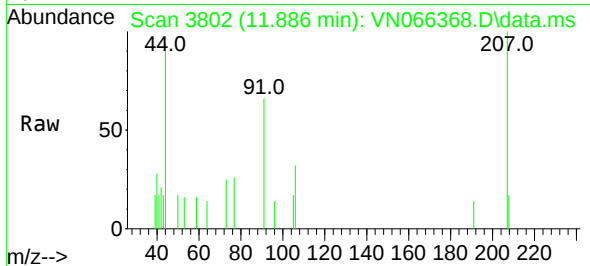




#69  
o-Xylene  
Concen: 0.07 ug/l  
RT: 11.886 min Scan# 3802  
Delta R.T. -0.006 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

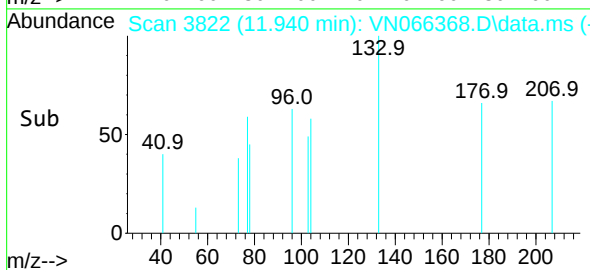
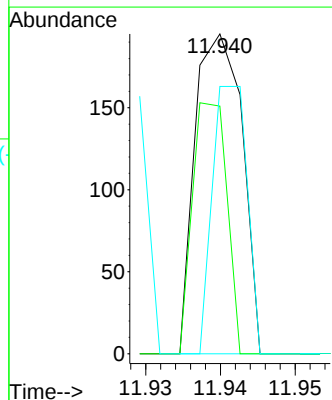
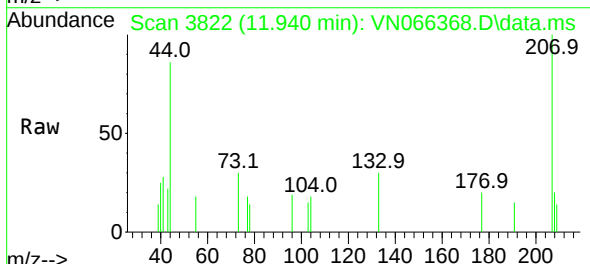
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

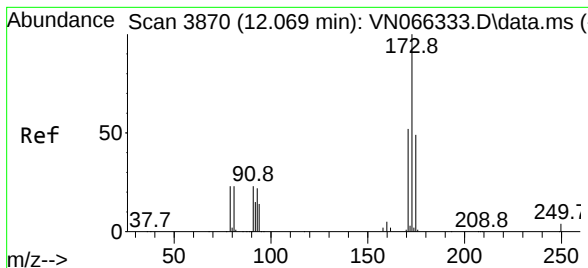
Tgt Ion:106 Resp: 583  
Ion Ratio Lower Upper  
106 100  
91 215.4 107.1 321.4



#70  
Styrene  
Concen: 0.01 ug/l  
RT: 11.940 min Scan# 3822  
Delta R.T. 0.032 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Tgt Ion:104 Resp: 85  
Ion Ratio Lower Upper  
104 100  
78 57.6 40.7 61.1  
103 61.2 44.2 66.2

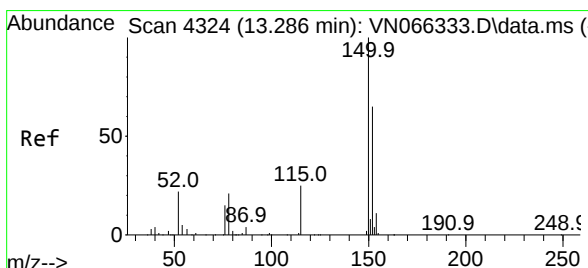
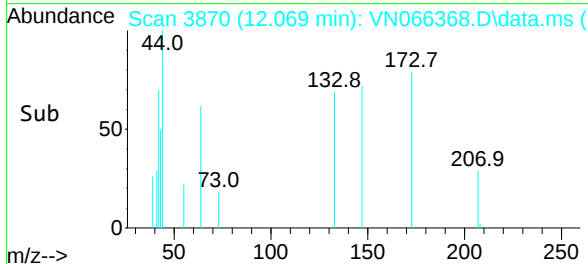
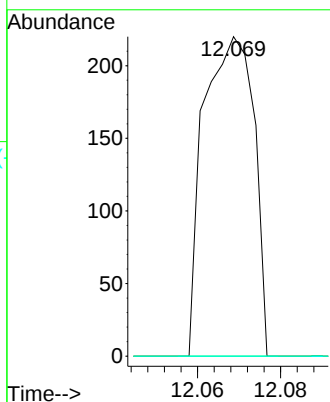
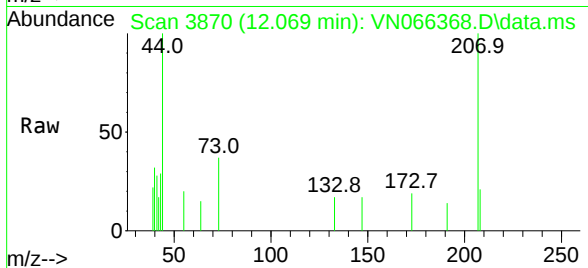




#71  
Bromoform  
Concen: 0.05 ug/l  
RT: 12.069 min Scan# 3870  
Delta R.T. -0.000 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

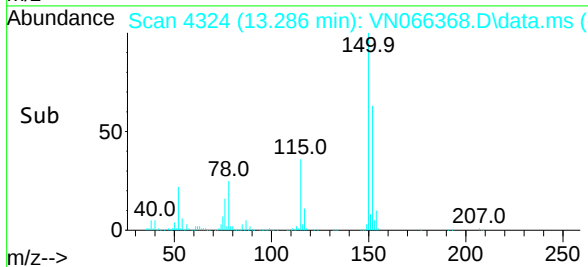
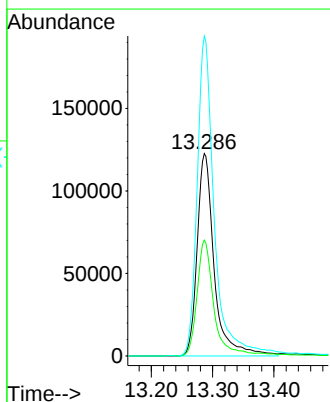
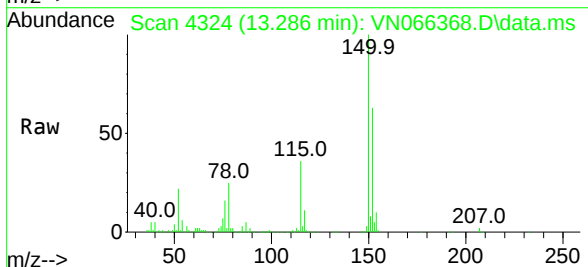
Instrument :  
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ClientSampleId :  
DUP04-20210322DL

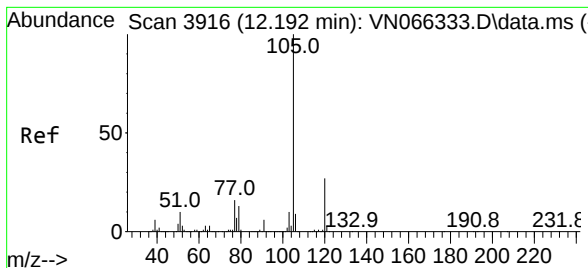
Tgt Ion:173 Resp: 185  
Ion Ratio Lower Upper  
173 100  
175 0.0 24.3 72.8#  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.286 min Scan# 4324  
Delta R.T. 0.000 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Tgt Ion:152 Resp: 238209  
Ion Ratio Lower Upper  
152 100  
115 55.5 27.8 83.4  
150 159.1 0.0 348.4

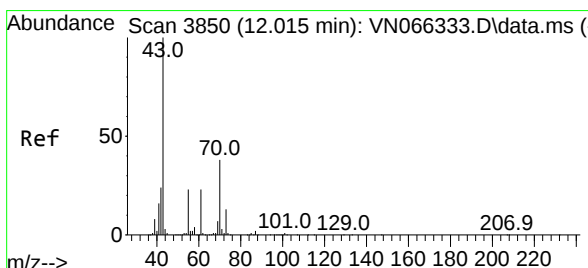
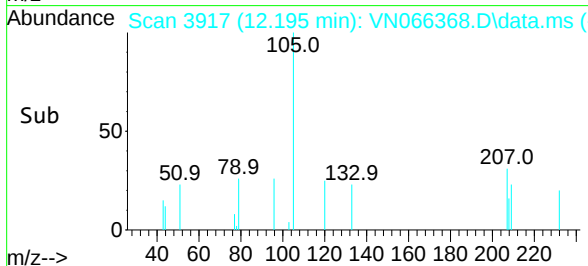
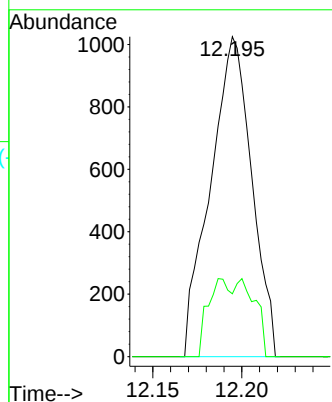
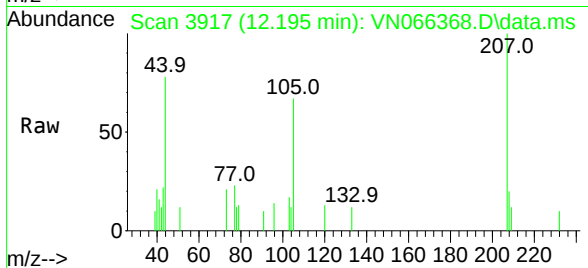




#73  
Isopropylbenzene  
Concen: 0.09 ug/l  
RT: 12.195 min Scan# 3917  
Delta R.T. 0.003 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

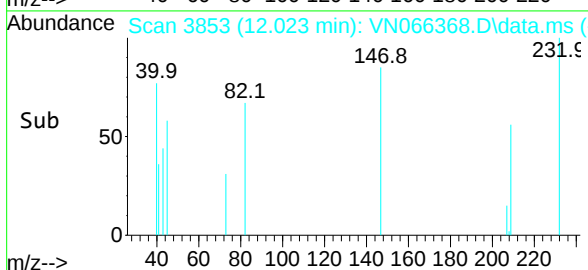
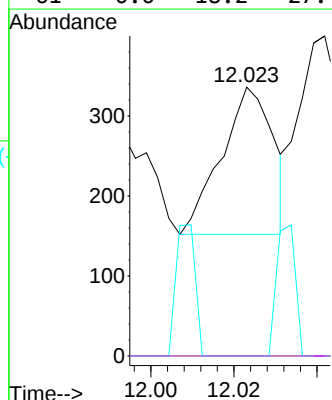
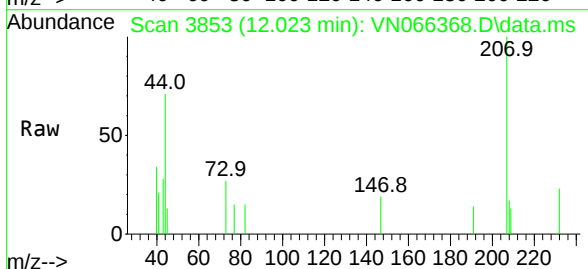
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

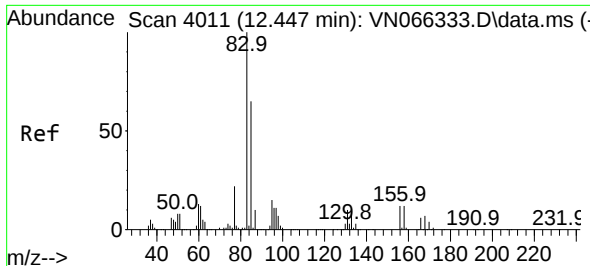
Tgt Ion:105 Resp: 1654  
Ion Ratio Lower Upper  
105 100  
120 14.0 13.3 39.8



#74  
N-ethyl acetate  
Concen: 3.22 ug/l  
RT: 12.023 min Scan# 3853  
Delta R.T. 0.008 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Tgt Ion: 43 Resp: 159  
Ion Ratio Lower Upper  
43 100  
70 0.0 31.2 46.8#  
55 33.3 18.6 28.0#  
61 0.0 18.2 27.4#

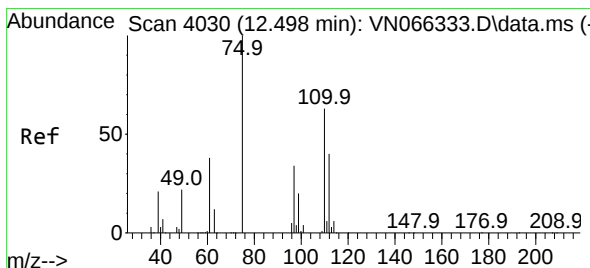
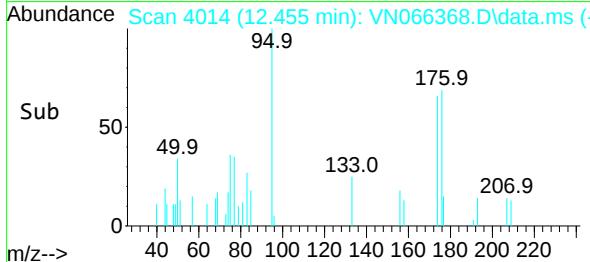
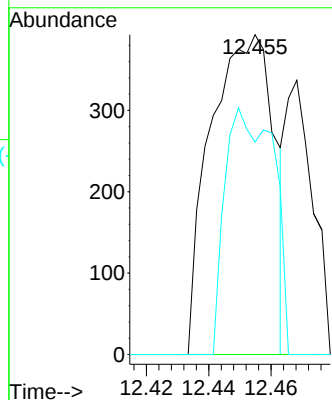
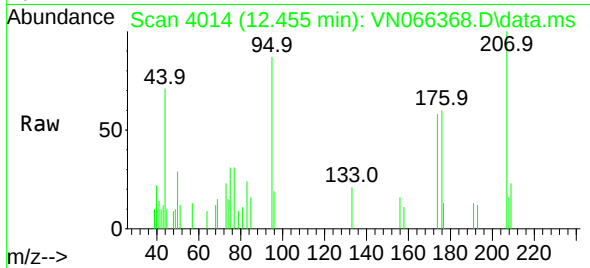




#75  
1,1,2,2-Tetrachloroethane  
Concen: 0.10 ug/l  
RT: 12.455 min Scan# 4014  
Delta R.T. 0.008 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

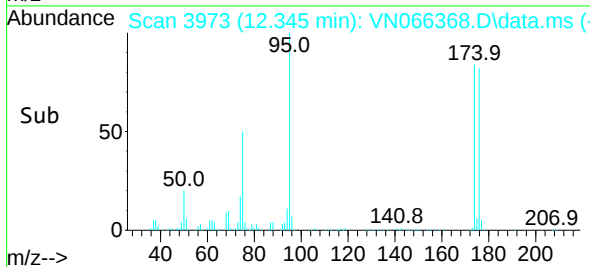
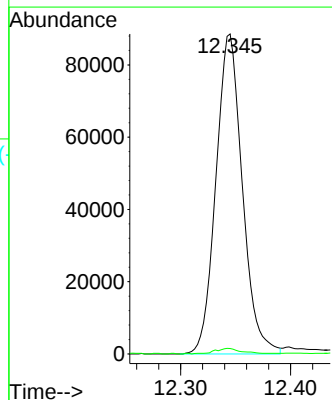
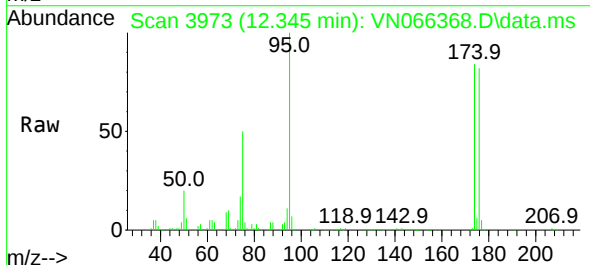
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

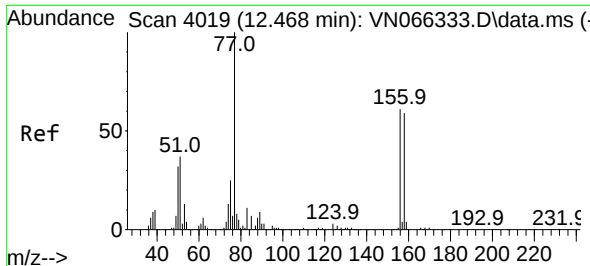
Tgt Ion: 83 Resp: 554  
Ion Ratio Lower Upper  
83 100  
131 0.0 5.0 15.0#  
85 59.2 33.8 101.3



#76  
1,2,3-Trichloropropane  
Concen: 28.30 ug/l  
RT: 12.345 min Scan# 3973  
Delta R.T. -0.153 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Tgt Ion: 75 Resp: 147920  
Ion Ratio Lower Upper  
75 100  
77 1.9 0.0 0.0#

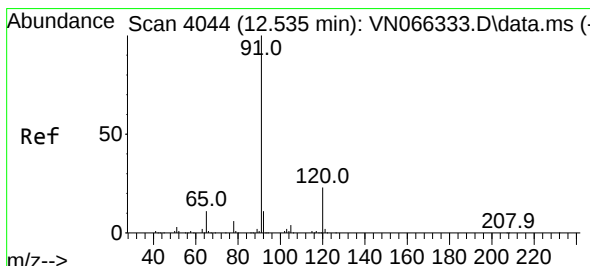
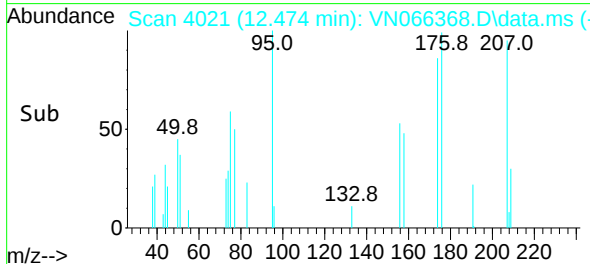
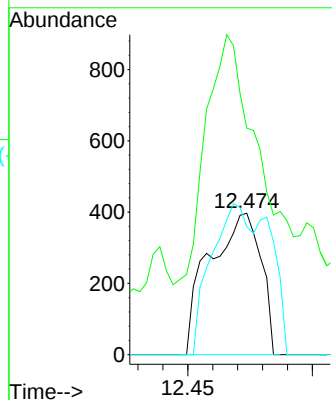
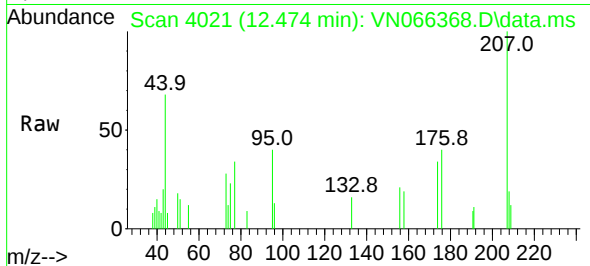




#77  
Bromobenzene  
Concen: 0.13 ug/l  
RT: 12.474 min Scan# 4021  
Delta R.T. 0.005 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

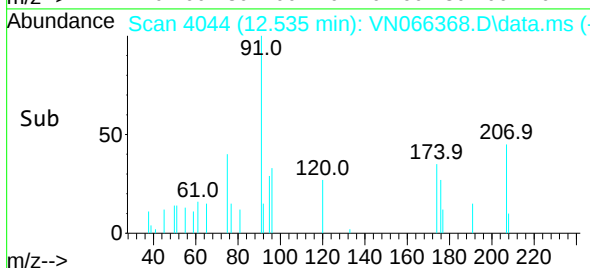
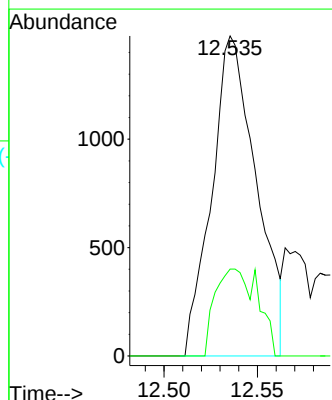
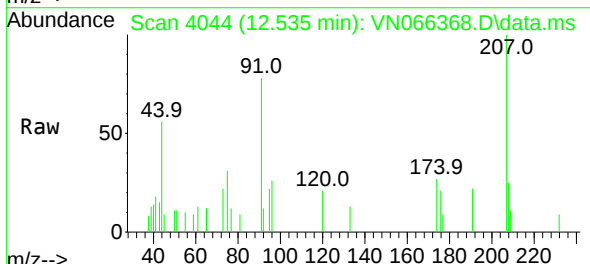
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

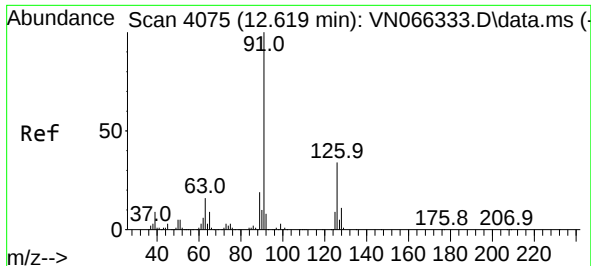
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 156   | Resp: | 571   |
| Ion      | Ratio | Lower | Upper |
| 156      | 100   |       |       |
| 77       | 169.4 | 99.7  | 299.1 |
| 158      | 83.5  | 48.8  | 146.3 |



#78  
n-propylbenzene  
Concen: 0.13 ug/l  
RT: 12.535 min Scan# 4044  
Delta R.T. -0.000 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 2455  |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 120      | 25.9  | 11.7  | 35.1  |

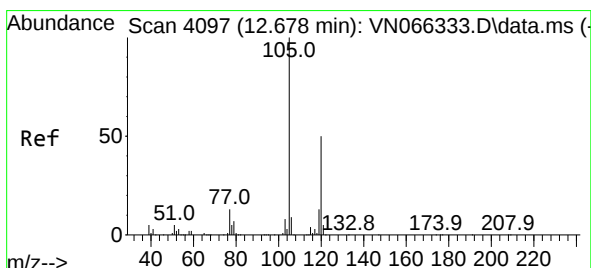
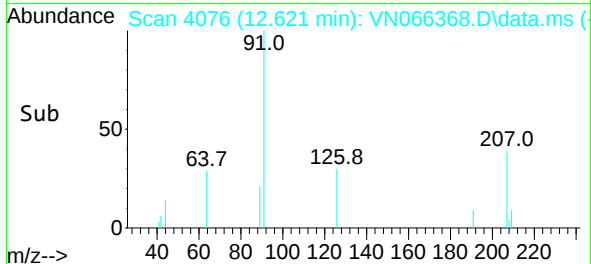
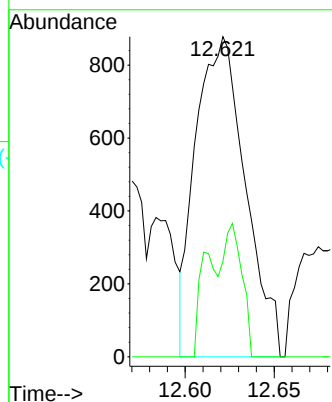
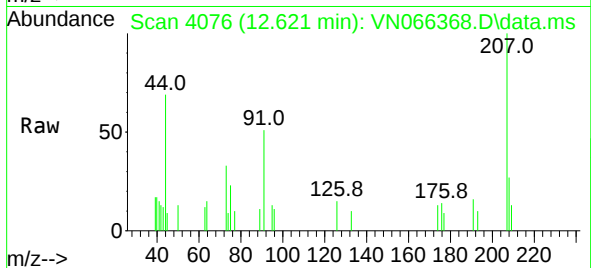




#79  
2-Chlorotoluene  
Concen: 0.14 ug/l  
RT: 12.621 min Scan# 4076  
Delta R.T. 0.003 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

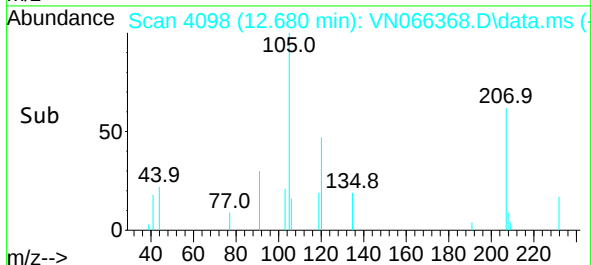
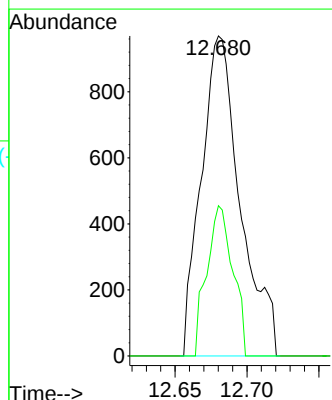
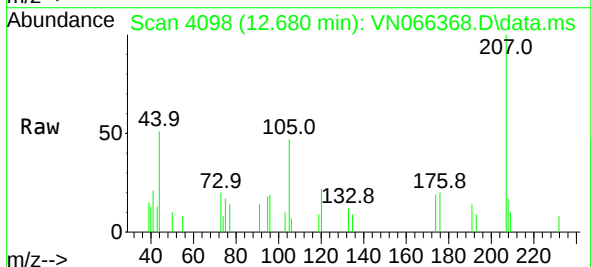
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

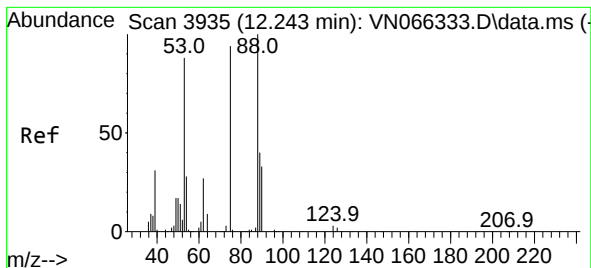
Tgt Ion: 91 Resp: 1703  
Ion Ratio Lower Upper  
91 100  
126 15.7 17.2 51.5#



#80  
1,3,5-Trimethylbenzene  
Concen: 0.13 ug/l  
RT: 12.680 min Scan# 4098  
Delta R.T. 0.003 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Tgt Ion: 105 Resp: 1830  
Ion Ratio Lower Upper  
105 100  
120 31.3 24.5 73.5

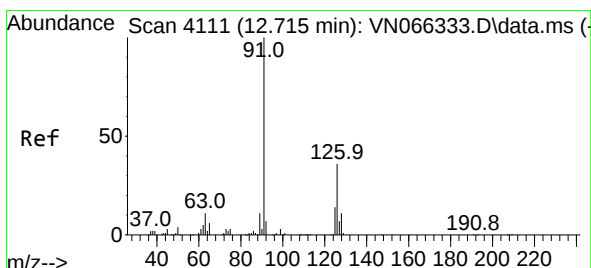
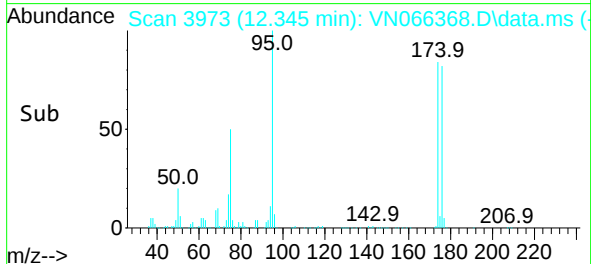
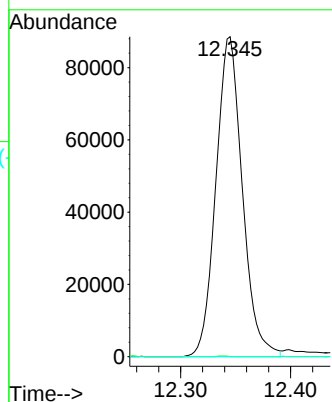
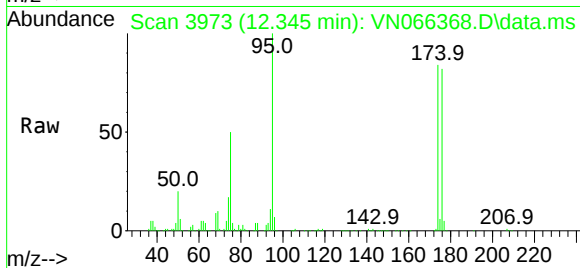




#81  
trans-1,4-Dichloro-2-butene  
Concen: 85.10 ug/l  
RT: 12.345 min Scan# 3973  
Delta R.T. 0.102 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

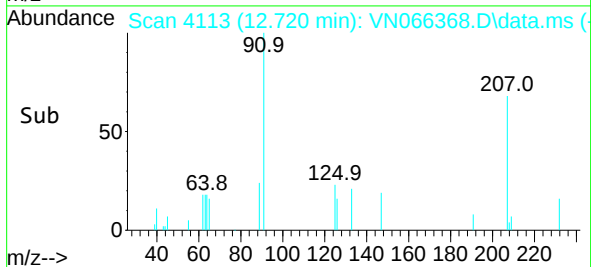
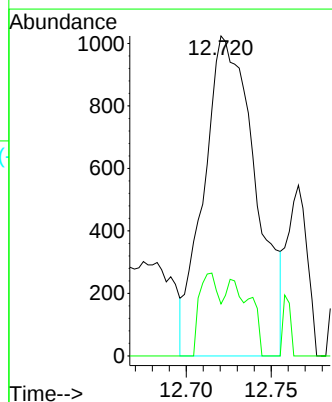
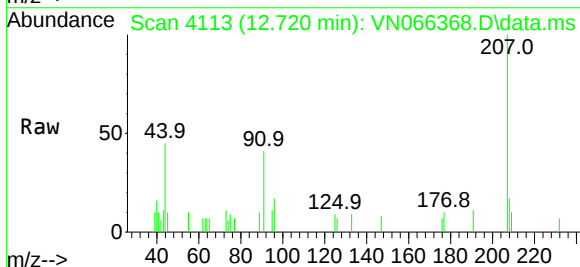
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

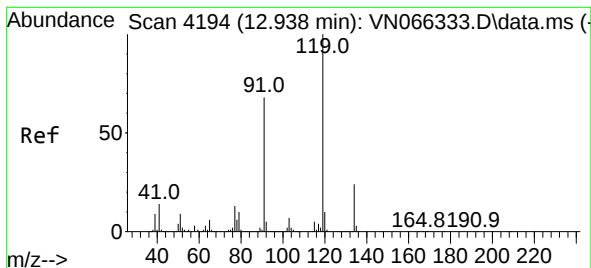
Tgt Ion: 75 Resp: 147920  
Ion Ratio Lower Upper  
75 100  
53 0.1 76.1 114.1#  
89 0.0 35.7 53.5#



#82  
4-Chlorotoluene  
Concen: 0.18 ug/l  
RT: 12.720 min Scan# 4113  
Delta R.T. 0.005 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Tgt Ion: 91 Resp: 2167  
Ion Ratio Lower Upper  
91 100  
126 11.6 16.6 49.8#

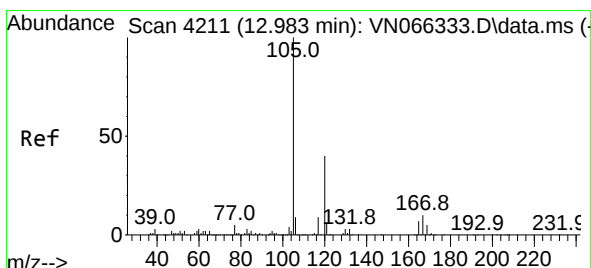
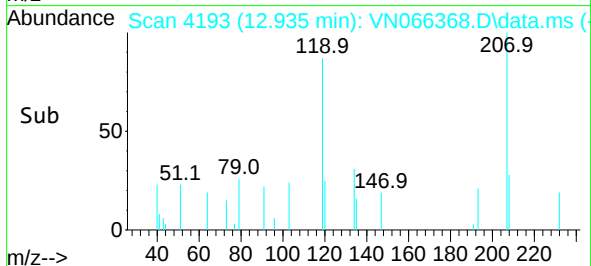
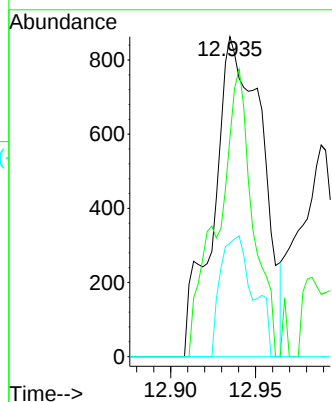
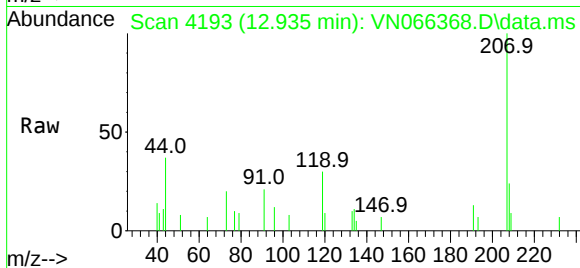




#83  
tert-Butylbenzene  
Concen: 0.14 ug/l  
RT: 12.935 min Scan# 4193  
Delta R.T. -0.003 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

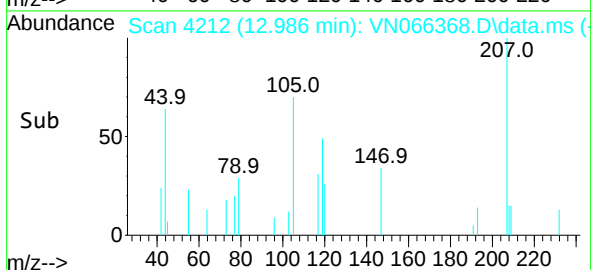
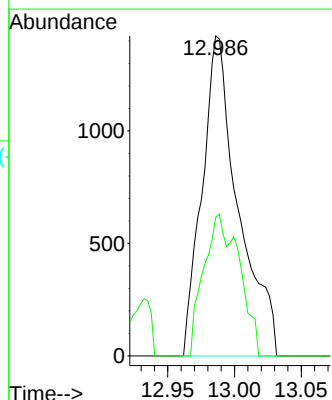
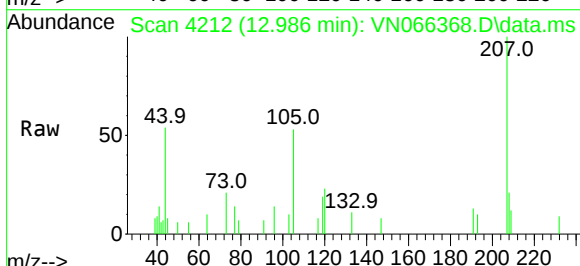
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

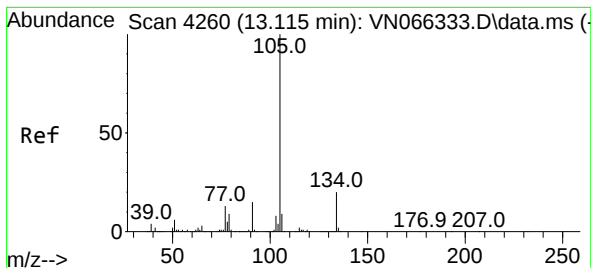
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:119 | Resp: | 1711        |
| Ion         | Ratio | Lower Upper |
| 119         | 100   |             |
| 91          | 65.2  | 33.3 99.8   |
| 134         | 25.8  | 12.9 38.6   |



#84  
1,2,4-Trimethylbenzene  
Concen: 0.19 ug/l  
RT: 12.986 min Scan# 4212  
Delta R.T. 0.003 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:105 | Resp: | 2675        |
| Ion         | Ratio | Lower Upper |
| 105         | 100   |             |
| 120         | 43.6  | 23.1 69.2   |

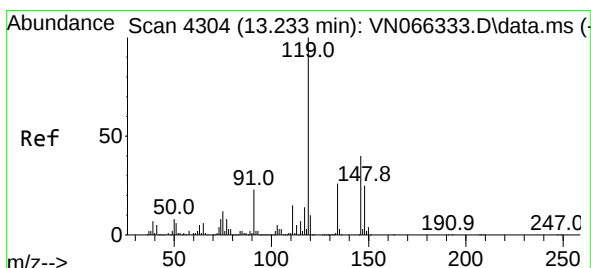
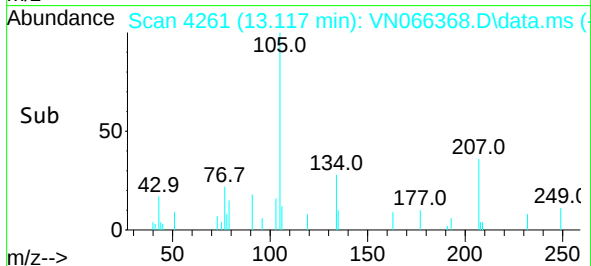
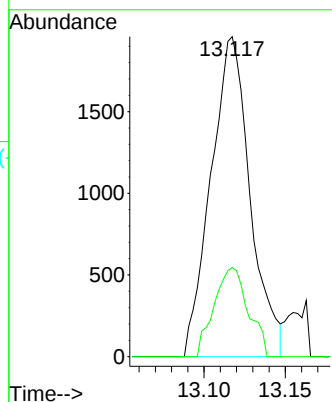
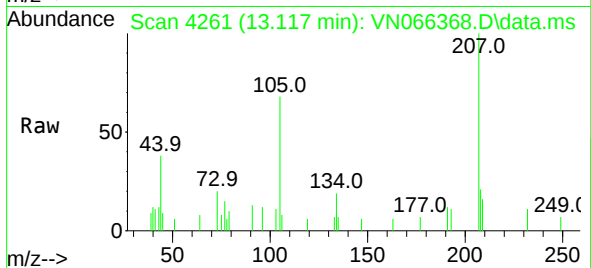




#85  
 sec-Butylbenzene  
 Concen: 0.20 ug/l  
 RT: 13.117 min Scan# 4261  
 Delta R.T. 0.003 min  
 Lab File: VN066368.D  
 Acq: 29 Mar 2021 11:54

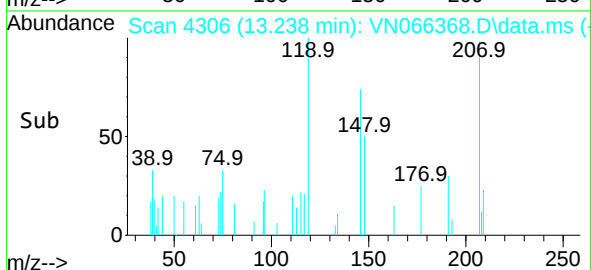
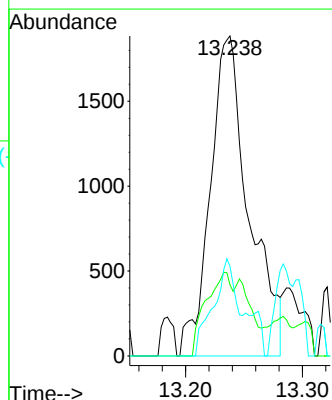
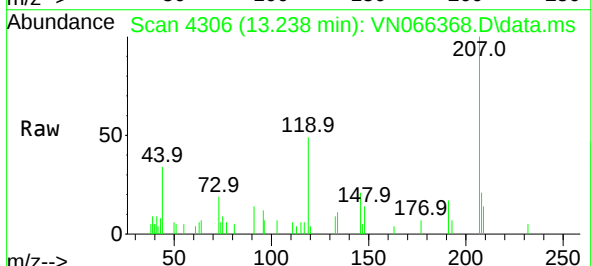
Instrument :  
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 ClientSampleId :  
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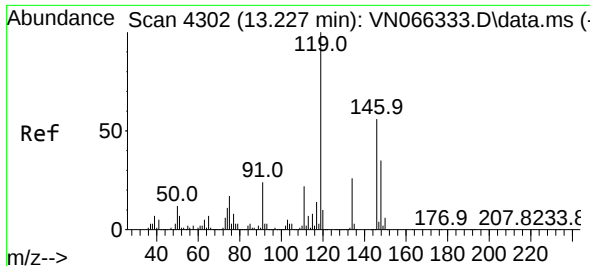
Tgt Ion:105 Resp: 3288  
 Ion Ratio Lower Upper  
 105 100  
 134 24.2 9.9 29.7



#86  
 p-Isopropyltoluene  
 Concen: 0.30 ug/l  
 RT: 13.238 min Scan# 4306  
 Delta R.T. 0.005 min  
 Lab File: VN066368.D  
 Acq: 29 Mar 2021 11:54

Tgt Ion:119 Resp: 4333  
 Ion Ratio Lower Upper  
 119 100  
 134 17.6 12.9 38.7  
 91 18.2 11.5 34.5

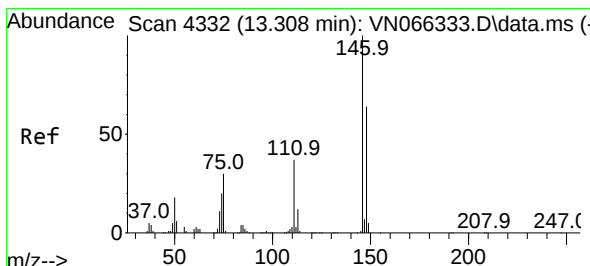
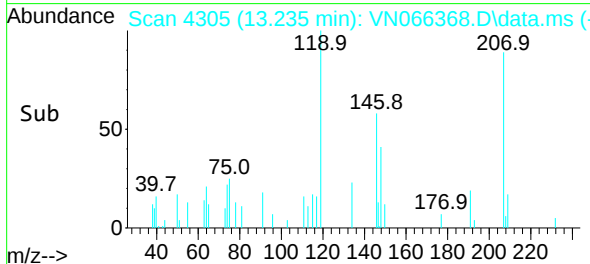
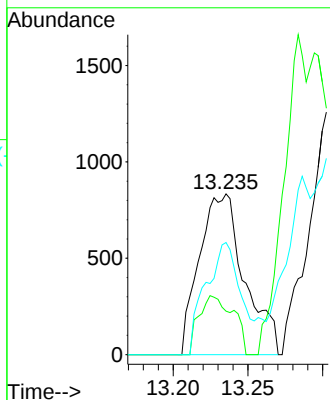
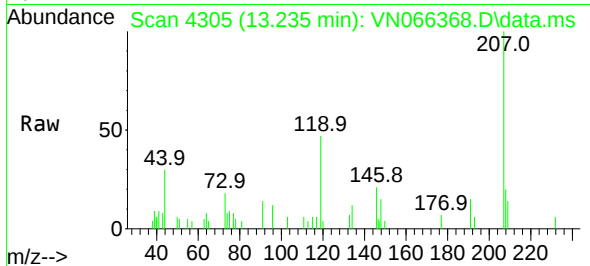




#87  
1,3-Dichlorobenzene  
Concen: 0.23 ug/l  
RT: 13.235 min Scan# 4305  
Delta R.T. 0.008 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

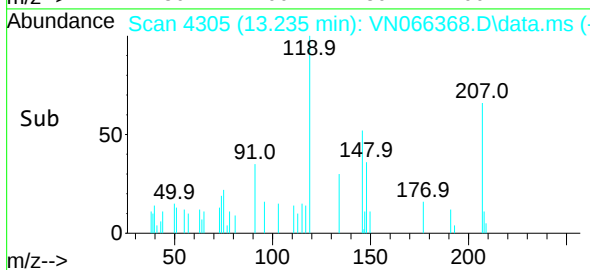
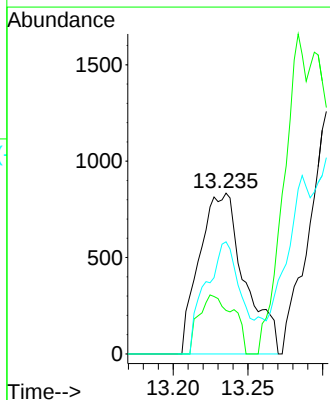
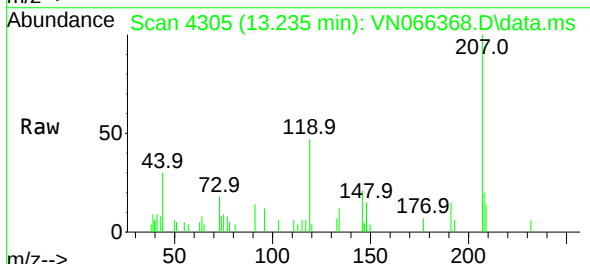
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

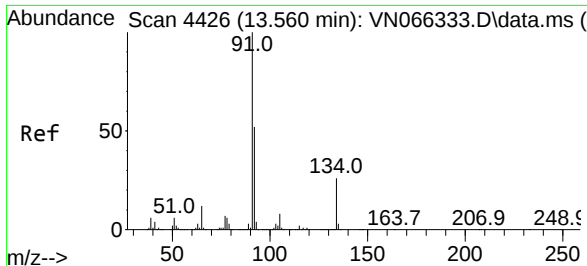
Tgt Ion:146 Resp: 1753  
Ion Ratio Lower Upper  
146 100  
111 27.8 19.4 58.1  
148 54.0 31.8 95.4



#88  
1,4-Dichlorobenzene  
Concen: 0.22 ug/l  
RT: 13.235 min Scan# 4305  
Delta R.T. -0.073 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Tgt Ion:146 Resp: 1753  
Ion Ratio Lower Upper  
146 100  
111 27.8 18.3 54.9  
148 54.0 31.9 95.9

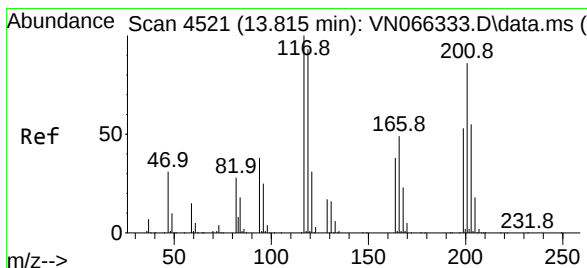
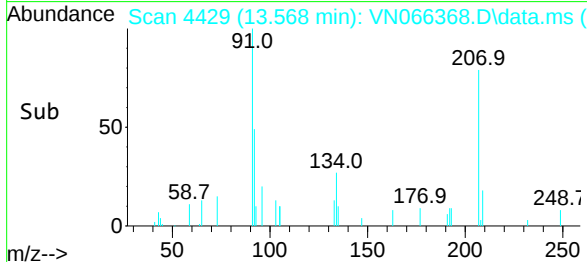
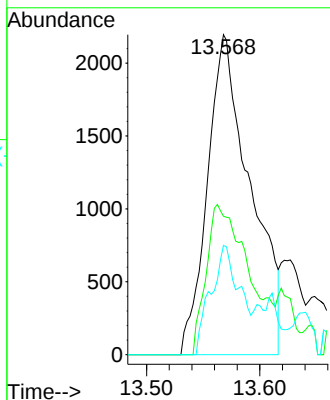
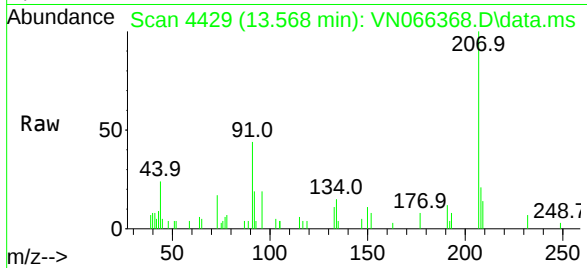




#89  
n-Butylbenzene  
Concen: 0.48 ug/l  
RT: 13.568 min Scan# 4429  
Delta R.T. 0.008 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

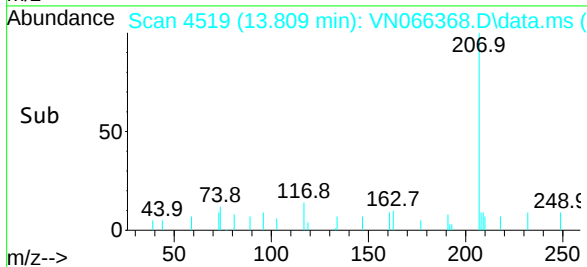
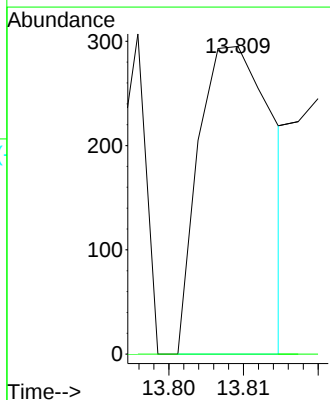
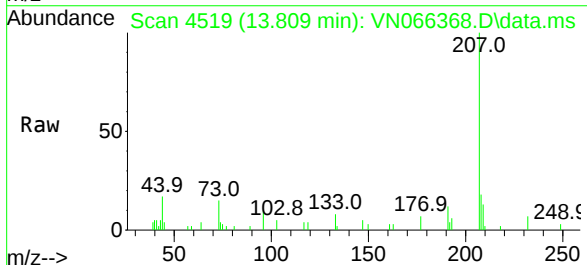
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MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

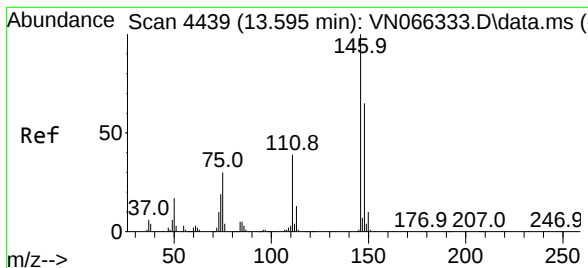
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 5779  |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 43.0  | 26.1  | 78.3  |
| 134      | 23.0  | 12.8  | 38.4  |



#90  
Hexachloroethane  
Concen: 0.08 ug/l  
RT: 13.809 min Scan# 4519  
Delta R.T. -0.005 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 204    |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 201      | 0.0   | 44.0  | 131.8# |

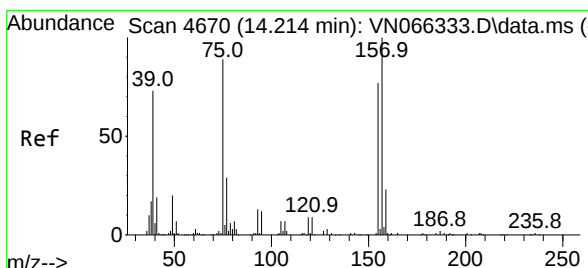
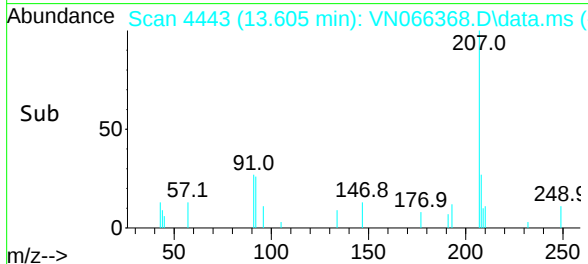
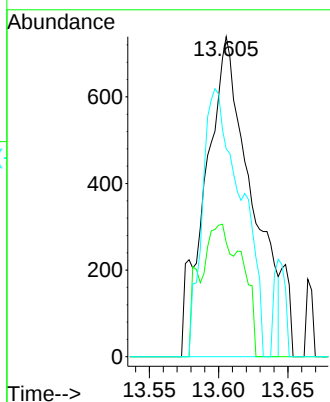
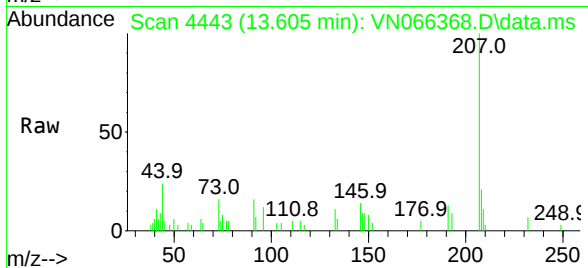




#91  
 1,2-Dichlorobenzene  
 Concen: 0.23 ug/l  
 RT: 13.605 min Scan# 4443  
 Delta R.T. 0.011 min  
 Lab File: VN066368.D  
 Acq: 29 Mar 2021 11:54

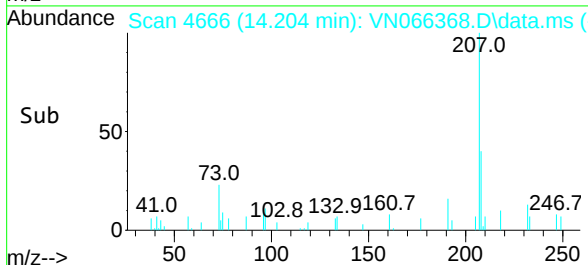
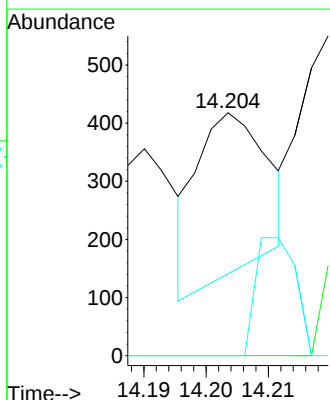
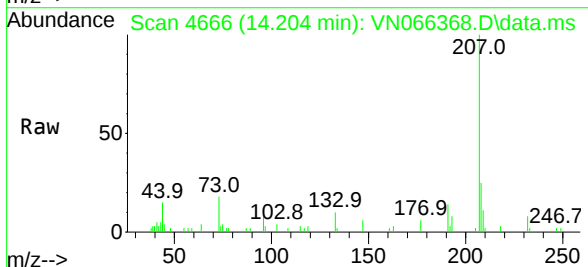
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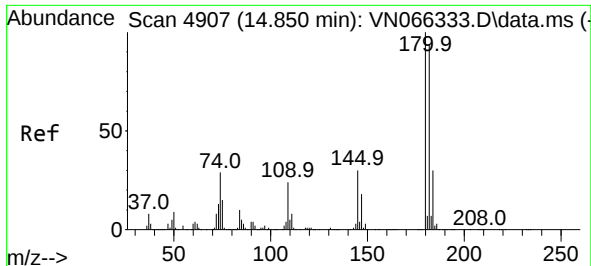
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 1685  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 32.4  | 19.7  | 59.1  |
| 148      | 71.3  | 32.3  | 96.8  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 0.20 ug/l  
 RT: 14.204 min Scan# 4666  
 Delta R.T. -0.011 min  
 Lab File: VN066368.D  
 Acq: 29 Mar 2021 11:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 216    |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 155      | 0.0   | 43.8  | 131.3# |
| 157      | 41.7  | 57.6  | 172.8# |

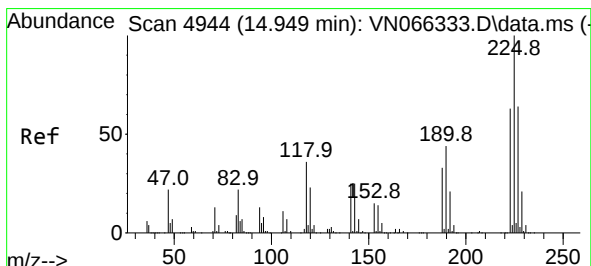
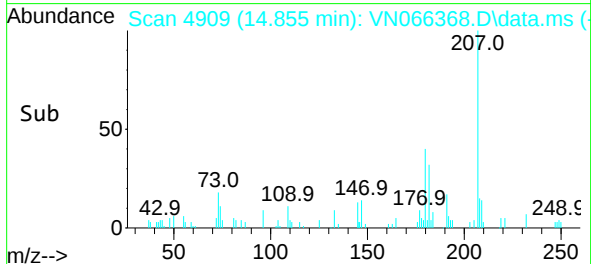
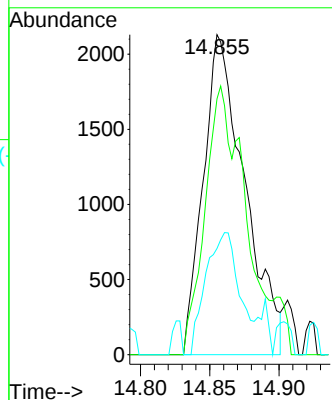
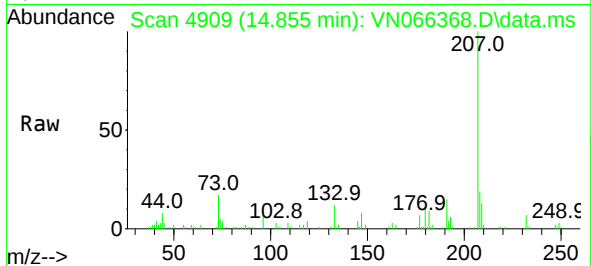




#93  
1,2,4-Trichlorobenzene  
Concen: 0.97 ug/l  
RT: 14.855 min Scan# 4909  
Delta R.T. 0.005 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

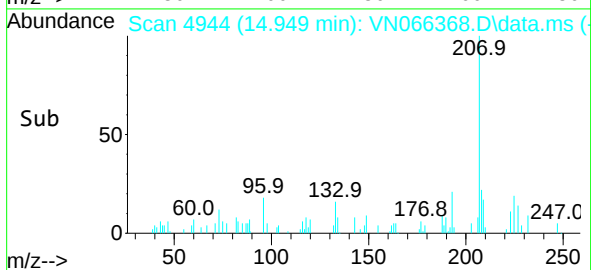
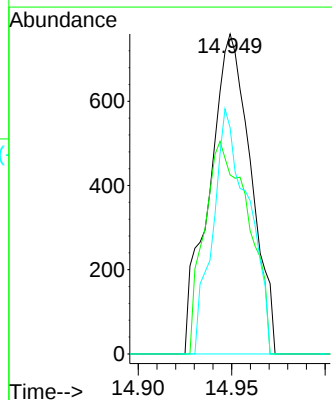
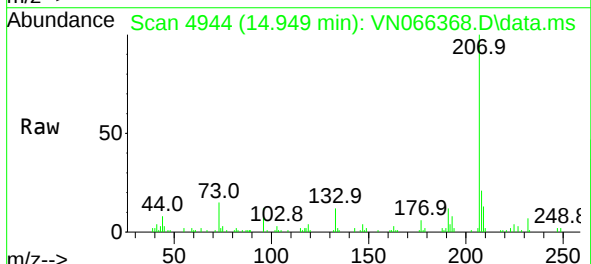
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ClientSampleId :  
DUP04-20210322DL

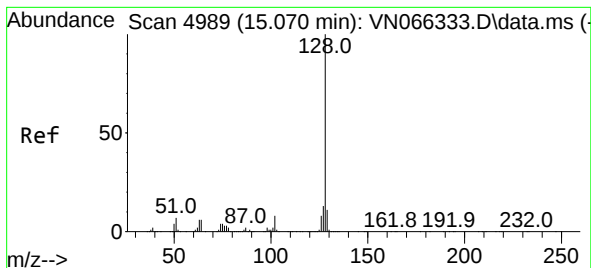
Tgt Ion:180 Resp: 4423  
Ion Ratio Lower Upper  
180 100  
182 50.8 47.4 142.3  
145 31.1 14.2 42.8



#94  
Hexachlorobutadiene  
Concen: 0.47 ug/l  
RT: 14.949 min Scan# 4944  
Delta R.T. -0.000 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Tgt Ion:225 Resp: 1178  
Ion Ratio Lower Upper  
225 100  
223 70.6 31.1 93.5  
227 65.2 32.1 96.3

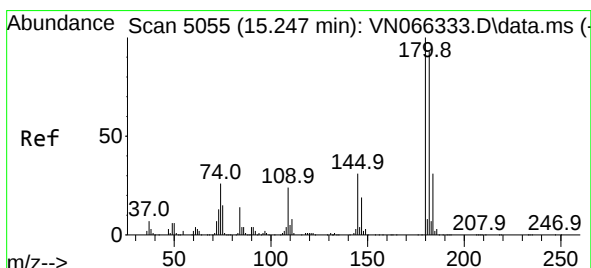
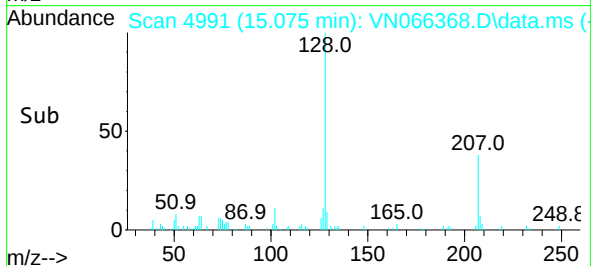
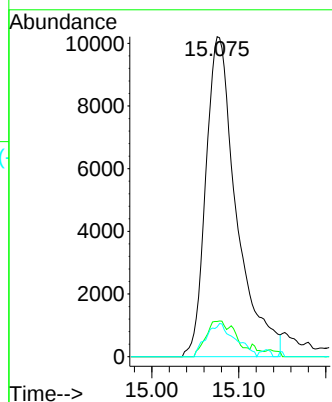
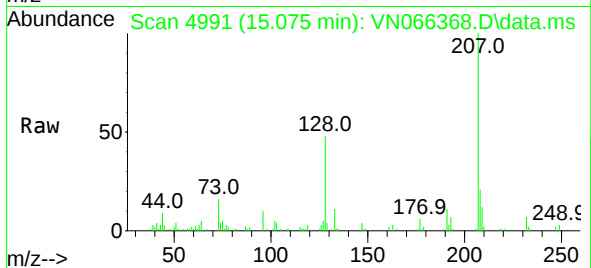




#95  
Naphthalene  
Concen: 2.87 ug/l  
RT: 15.075 min Scan# 4991  
Delta R.T. 0.005 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

Tgt Ion:128 Resp: 24947  
Ion Ratio Lower Upper  
128 100  
127 7.1 10.5 15.7#  
129 9.8 8.5 12.7



#96  
1,2,3-Trichlorobenzene  
Concen: 1.11 ug/l  
RT: 15.252 min Scan# 5057  
Delta R.T. 0.005 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Tgt Ion:180 Resp: 5118  
Ion Ratio Lower Upper  
180 100  
182 91.1 47.6 142.9  
145 24.4 15.4 46.1

