

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN070221\  
 Data File : VN067604.D  
 Acq On : 2 Jul 2021 9:16  
 Operator : JC/MD  
 Sample : VSTDIC001  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Quant Time: Jul 02 11:34:15 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 02 11:33:53 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 8.086  | 168   | 411815   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.968  | 114   | 740298   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.749 | 117   | 687323   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.677 | 152   | 242169   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.442  | 65    | 4929     | 0.851    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 61 - 141 | Recovery | =      | 1.700%#  |
| 35) Dibromofluoromethane     | 8.016  | 113   | 1556     | 0.337    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 69 - 133 | Recovery | =      | 0.680%#  |
| 50) Toluene-d8               | 10.446 | 98    | 13387    | 0.706    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 65 - 126 | Recovery | =      | 1.420%#  |
| 62) 4-Bromofluorobenzene     | 12.733 | 95    | 6096     | 0.909    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 135 | Recovery | =      | 1.820%#  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.073  | 85    | 3802     | 0.888    | ug/l   | 99       |
| 3) Chloromethane             | 2.301  | 50    | 6037     | 1.150    | ug/l   | 94       |
| 4) Vinyl Chloride            | 2.445  | 62    | 8437     | 1.167    | ug/l   | 95       |
| 5) Bromomethane              | 2.869  | 94    | 8944     | 1.664    | ug/l   | 93       |
| 6) Chloroethane              | 3.019  | 64    | 7526     | 1.465    | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 3.373  | 101   | 17010    | 1.297    | ug/l   | 93       |
| 8) Diethyl Ether             | 3.810  | 74    | 2876     | 0.924    | ug/l   | 93       |
| 10) Methyl Iodide            | 4.425  | 142   | 3243     | 0.614    | ug/l # | 40       |
| 11) Tert butyl alcohol       | 5.382  | 59    | 614      | 0.733    | ug/l # | 71       |
| 12) 1,1-Dichloroethene       | 4.175  | 96    | 1831     | 0.462    | ug/l   | 88       |
| 13) Acrolein                 | 4.038  | 56    | 3763     | 6.191    | ug/l   | 98       |
| 14) Allyl chloride           | 4.838  | 41    | 5478     | 0.834    | ug/l # | 73       |
| 15) Acrylonitrile            | 5.564  | 53    | 8964     | 4.127    | ug/l # | 91       |
| 16) Acetone                  | 4.293  | 43    | 12051    | 6.424    | ug/l   | 96       |
| 17) Carbon Disulfide         | 4.527  | 76    | 9035     | 0.809    | ug/l # | 94       |
| 18) Methyl Acetate           | 4.867  | 43    | 2868     | 0.574    | ug/l   | 96       |
| 19) Methyl tert-butyl Ether  | 5.626  | 73    | 12004    | 0.784    | ug/l   | 94       |
| 20) Methylene Chloride       | 5.090  | 84    | 3087     | 0.581    | ug/l # | 84       |
| 21) trans-1,2-Dichloroethene | 5.583  | 96    | 3672     | 0.814    | ug/l   | 87       |
| 22) Diisopropyl ether        | 6.506  | 45    | 12159    | 0.838    | ug/l   | 96       |
| 23) Vinyl Acetate            | 6.439  | 43    | 49193    | 4.037    | ug/l   | 97       |
| 24) 1,1-Dichloroethane       | 6.393  | 63    | 7145     | 0.858    | ug/l # | 85       |
| 25) 2-Butanone               | 7.348  | 43    | 13159    | 4.487    | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 7.310  | 77    | 2965     | 0.386    | ug/l # | 38       |
| 27) cis-1,2-Dichloroethene   | 7.324  | 96    | 4320     | 0.787    | ug/l   | 94       |
| 28) Bromochloromethane       | 7.651  | 49    | 1539     | 0.390    | ug/l # | 1        |
| 29) Tetrahydrofuran          | 7.694  | 42    | 9033     | 4.625    | ug/l   | 97       |
| 30) Chloroform               | 7.828  | 83    | 8357     | 0.907    | ug/l   | 86       |
| 31) Cyclohexane              | 8.091  | 56    | 17682    | 2.125    | ug/l # | 31       |
| 32) 1,1,1-Trichloroethane    | 8.016  | 97    | 5848     | 0.702    | ug/l # | 46       |
| 36) 1,1-Dichloropropene      | 8.220  | 75    | 6269     | 0.928    | ug/l # | 58       |
| 37) Ethyl Acetate            | 7.404  | 43    | 1326     | 0.213    | ug/l # | 69       |
| 38) Carbon Tetrachloride     | 8.212  | 117   | 5465     | 0.763    | ug/l   | 91       |
| 39) Methylcyclohexane        | 9.459  | 83    | 6159     | 0.766    | ug/l # | 85       |
| 40) Benzene                  | 8.461  | 78    | 16383    | 0.801    | ug/l   | 95       |
| 41) Methacrylonitrile        | 7.646  | 41    | 2853     | 0.922    | ug/l # | 84       |

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Quant Time: Jul 02 11:34:15 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 02 11:33:53 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 42) 1,2-Dichloroethane        | 8.533  | 62   | 6518     | 0.912  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.563  | 43   | 9855     | 0.918  | ug/l # | 95       |
| 44) Trichloroethene           | 9.217  | 130  | 3996     | 0.759  | ug/l   | 83       |
| 45) 1,2-Dichloropropane       | 9.494  | 63   | 4353     | 0.853  | ug/l   | 99       |
| 46) Dibromomethane            | 9.579  | 93   | 2834     | 0.776  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.764  | 83   | 5452     | 0.758  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.561  | 41   | 4808     | 1.020  | ug/l   | 90       |
| 49) 1,4-Dioxane               | 9.571  | 88   | 1407     | 15.735 | ug/l # | 79       |
| 51) 4-Methyl-2-Pentanone      | 10.336 | 43   | 26789    | 4.109  | ug/l   | 97       |
| 52) Toluene                   | 10.510 | 92   | 10229    | 0.761  | ug/l   | 94       |
| 53) t-1,3-Dichloropropene     | 10.722 | 75   | 4742     | 0.619  | ug/l # | 88       |
| 54) cis-1,3-Dichloropropene   | 10.191 | 75   | 6071     | 0.746  | ug/l # | 89       |
| 55) 1,1,2-Trichloroethane     | 10.899 | 97   | 4048     | 0.779  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.759 | 69   | 5655     | 0.713  | ug/l # | 80       |
| 57) 1,3-Dichloropropane       | 11.046 | 76   | 7303     | 0.861  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether | 10.046 | 63   | 4049     | 2.601  | ug/l # | 88       |
| 59) 2-Hexanone                | 11.089 | 43   | 18692    | 4.052  | ug/l   | 95       |
| 60) Dibromochloromethane      | 11.242 | 129  | 3281     | 0.597  | ug/l   | 96       |
| 61) 1,2-Dibromoethane         | 11.355 | 107  | 3840     | 0.718  | ug/l   | 94       |
| 64) Tetrachloroethene         | 10.979 | 164  | 4181     | 0.870  | ug/l   | 93       |
| 65) Chlorobenzene             | 11.773 | 112  | 11775    | 0.832  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.846 | 131  | 3456     | 0.682  | ug/l # | 66       |
| 67) Ethyl Benzene             | 11.848 | 91   | 19098    | 0.743  | ug/l   | 91       |
| 68) m/p-Xylenes               | 11.961 | 106  | 13876    | 1.397  | ug/l   | 96       |
| 69) o-Xylene                  | 12.283 | 106  | 7126     | 0.727  | ug/l   | 87       |
| 70) Styrene                   | 12.299 | 104  | 9894     | 0.623  | ug/l   | 93       |
| 71) Bromoform                 | 12.457 | 173  | 2007     | 0.563  | ug/l # | 96       |
| 73) Isopropylbenzene          | 12.581 | 105  | 17855    | 0.877  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.393 | 43   | 5729     | 0.849  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 12.833 | 83   | 5249     | 0.911  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.884 | 75   | 6774     | 1.411  | ug/l # | 100      |
| 77) Bromobenzene              | 12.862 | 156  | 3998     | 0.888  | ug/l   | 81       |
| 78) n-propylbenzene           | 12.924 | 91   | 19272    | 0.848  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 13.010 | 91   | 12610    | 0.906  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 13.063 | 105  | 13592    | 0.814  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.629 | 75   | 908      | 0.545  | ug/l # | 74       |
| 82) 4-Chlorotoluene           | 13.109 | 91   | 11434    | 0.840  | ug/l   | 92       |
| 83) tert-Butylbenzene         | 13.329 | 119  | 11518    | 0.798  | ug/l   | 87       |
| 84) 1,2,4-Trimethylbenzene    | 13.372 | 105  | 12630    | 0.768  | ug/l   | 94       |
| 85) sec-Butylbenzene          | 13.506 | 105  | 15728    | 0.794  | ug/l   | 93       |
| 86) p-Isopropyltoluene        | 13.618 | 119  | 11697    | 0.736  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.618 | 146  | 6647     | 0.794  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 13.618 | 146  | 6647     | 0.801  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.946 | 91   | 9661     | 0.733  | ug/l   | 91       |
| 90) Hexachloroethane          | 14.217 | 117  | 1610     | 0.579  | ug/l   | 89       |
| 91) 1,2-Dichlorobenzene       | 13.991 | 146  | 6916     | 0.866  | ug/l   | 93       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.605 | 75   | 721      | 0.716  | ug/l   | 85       |
| 93) 1,2,4-Trichlorobenzene    | 15.268 | 180  | 2689     | 0.784  | ug/l   | 87       |
| 94) Hexachlorobutadiene       | 15.367 | 225  | 589      | 0.390  | ug/l # | 41       |
| 95) Naphthalene               | 15.515 | 128  | 6221     | 0.576  | ug/l # | 94       |
| 96) 1,2,3-Trichlorobenzene    | 15.710 | 180  | 2159     | 0.644  | ug/l   | 97       |

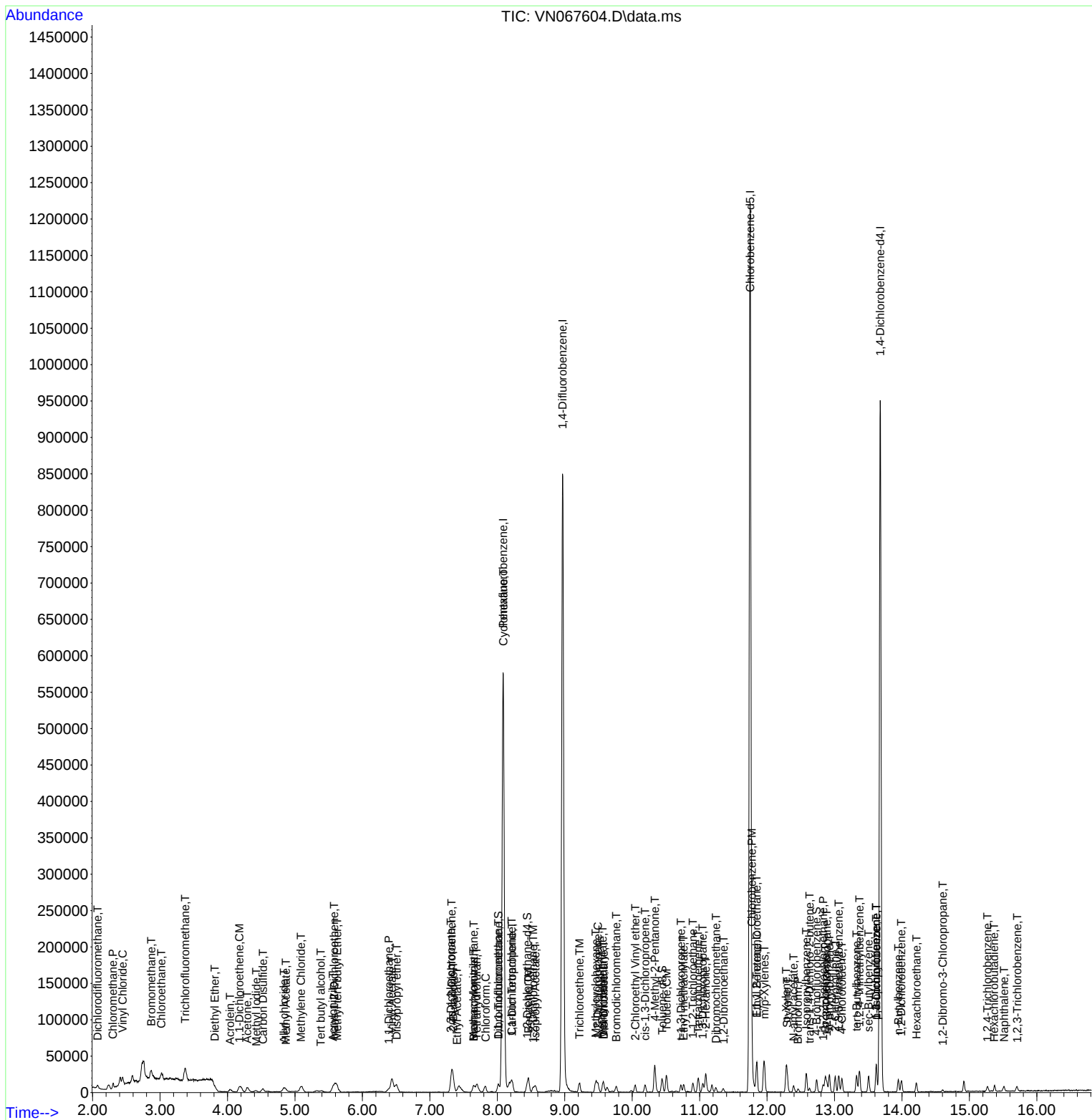
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN070221\  
Data File : VN067604.D  
Acq On : 2 Jul 2021 9:16  
Operator : JC/MD  
Sample : VSTDIC001  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 2 Sample Multiplier: 1

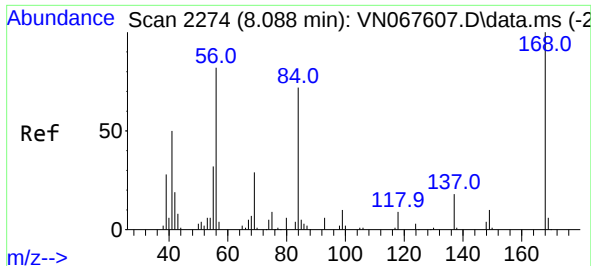
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

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Quant Title : SW846 8260  
QLast Update : Fri Jul 02 11:33:53 2021  
Response via : Initial Calibration

| Compound                                                             | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |

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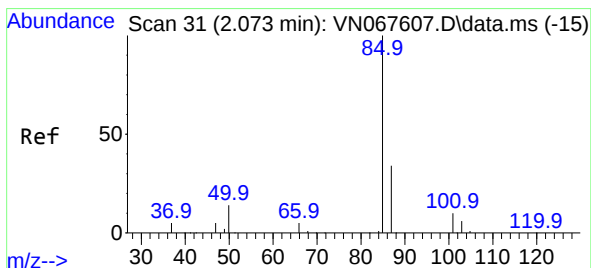
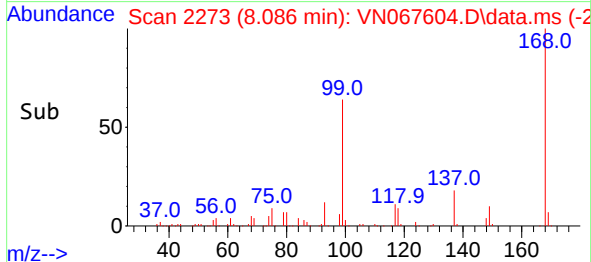
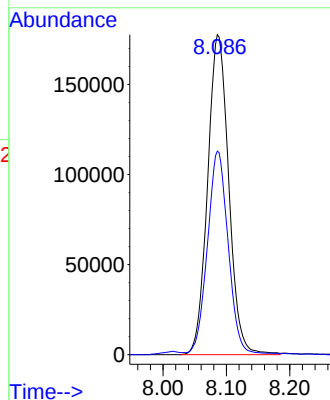
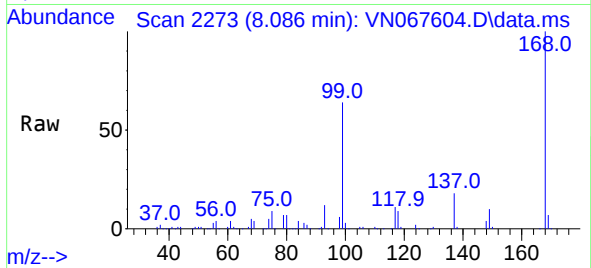




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 2273  
Delta R.T. -0.002 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

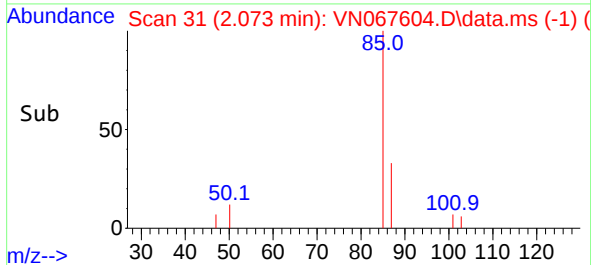
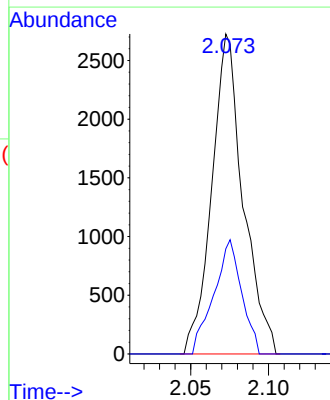
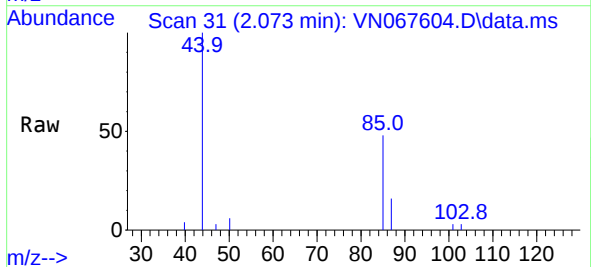
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

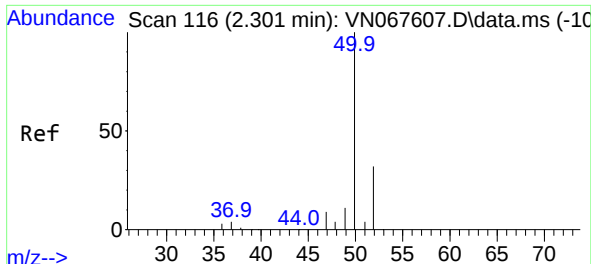
Tgt Ion:168 Resp: 411815  
Ion Ratio Lower Upper  
168 100  
99 63.3 62.9 94.3



#2  
Dichlorodifluoromethane  
Concen: 0.888 ug/l  
RT: 2.073 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion: 85 Resp: 3802  
Ion Ratio Lower Upper  
85 100  
87 32.9 16.1 48.2

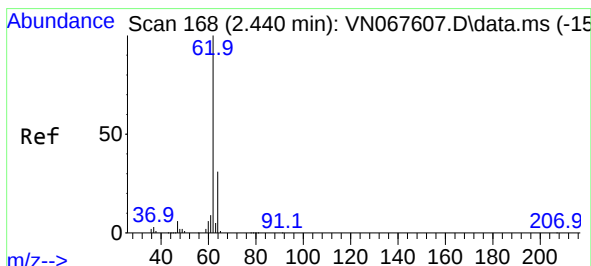
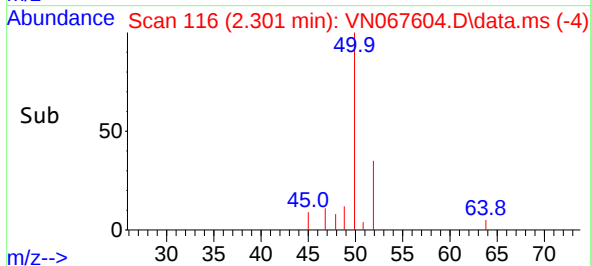
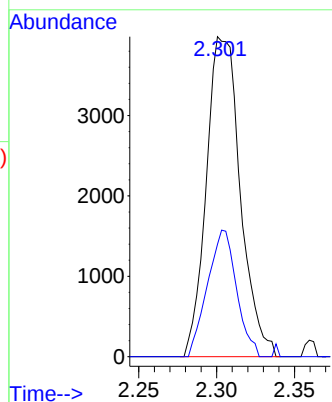
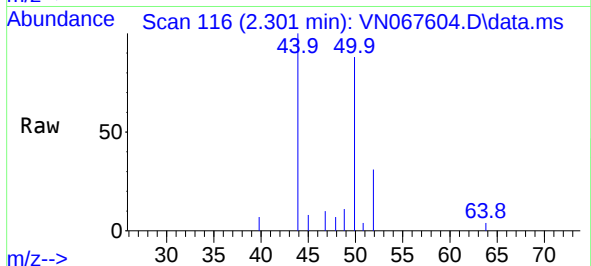




#3  
Chloromethane  
Concen: 1.150 ug/l  
RT: 2.301 min Scan# 116  
Delta R.T. 0.000 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

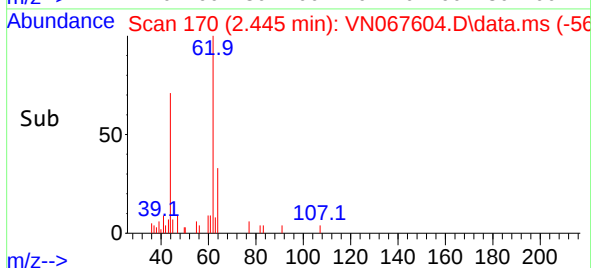
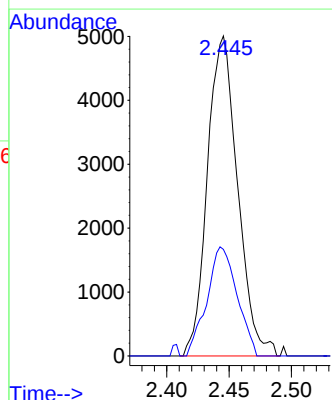
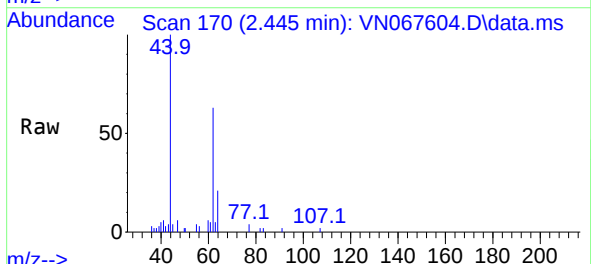
Instrument :  
MSVOA\_N  
ClientSampleId :  
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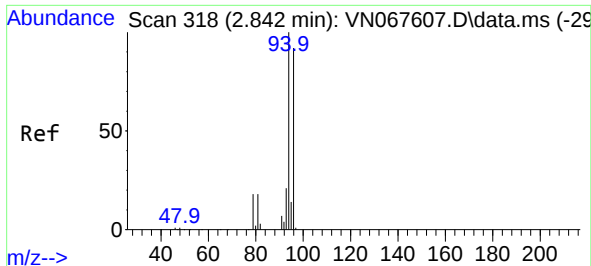
Tgt Ion: 50 Resp: 6037  
Ion Ratio Lower Upper  
50 100  
52 35.1 25.6 38.4



#4  
Vinyl Chloride  
Concen: 1.167 ug/l  
RT: 2.445 min Scan# 170  
Delta R.T. 0.005 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion: 62 Resp: 8437  
Ion Ratio Lower Upper  
62 100  
64 33.3 24.4 36.6

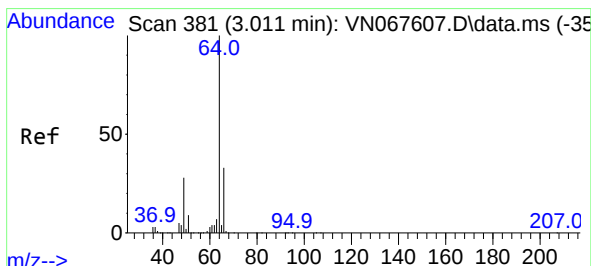
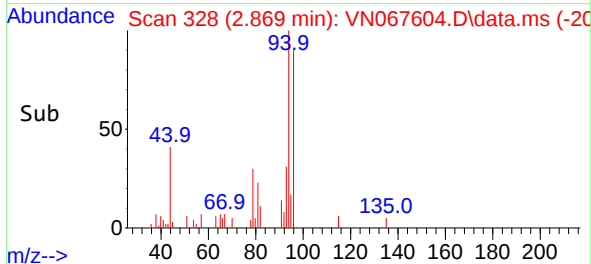
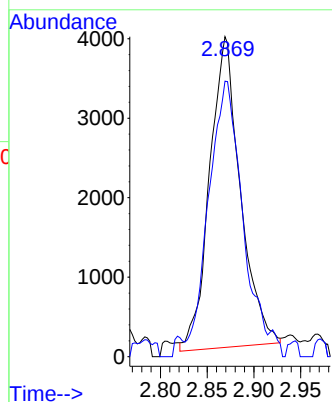
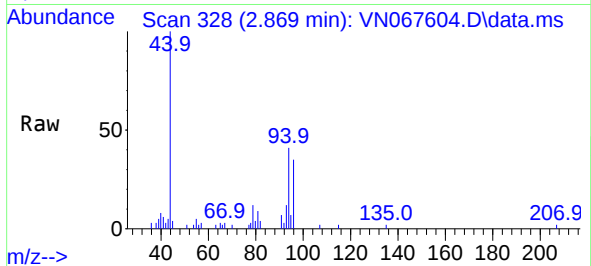




#5  
Bromomethane  
Concen: 1.664 ug/l  
RT: 2.869 min Scan# 328  
Delta R.T. 0.027 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

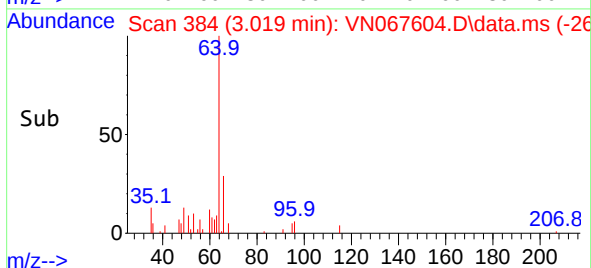
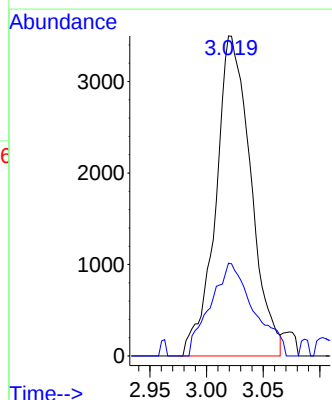
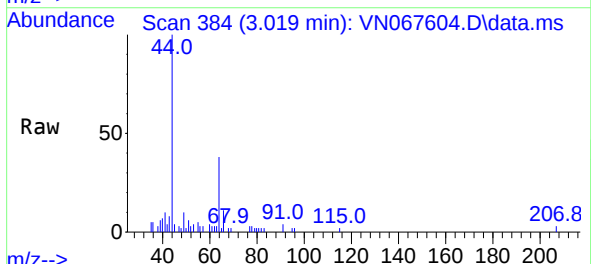
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

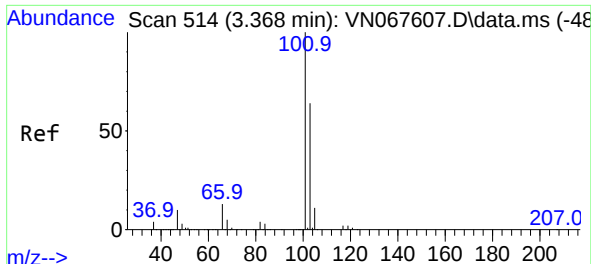
Tgt Ion: 94 Resp: 8944  
Ion Ratio Lower Upper  
94 100  
96 85.7 73.7 110.5



#6  
Chloroethane  
Concen: 1.465 ug/l  
RT: 3.019 min Scan# 384  
Delta R.T. 0.008 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion: 64 Resp: 7526  
Ion Ratio Lower Upper  
64 100  
66 29.0 24.7 37.1

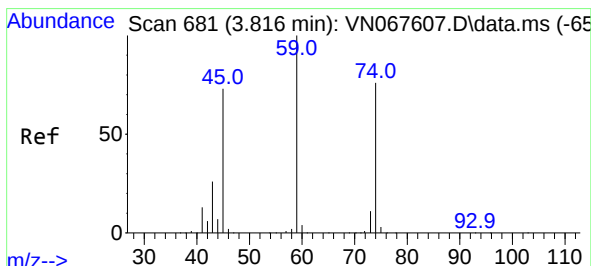
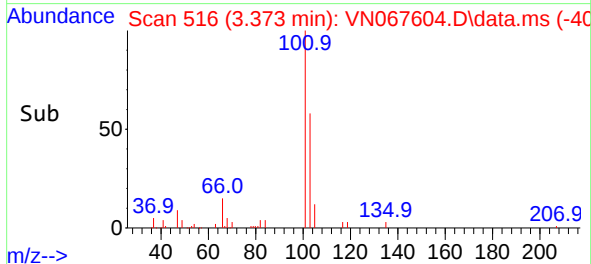
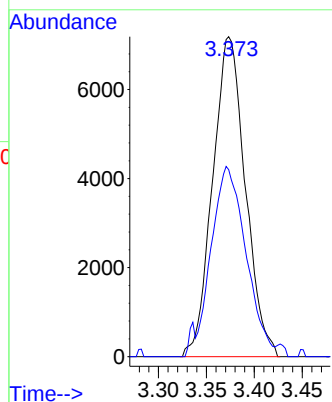
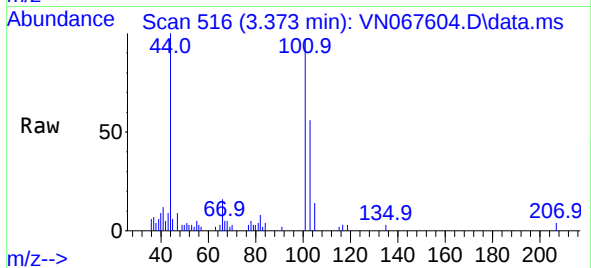




#7  
Trichlorofluoromethane  
Concen: 1.297 ug/l  
RT: 3.373 min Scan# 516  
Delta R.T. 0.005 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

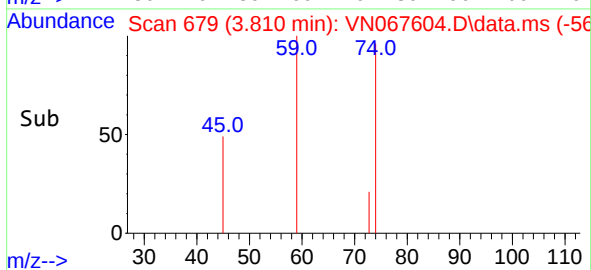
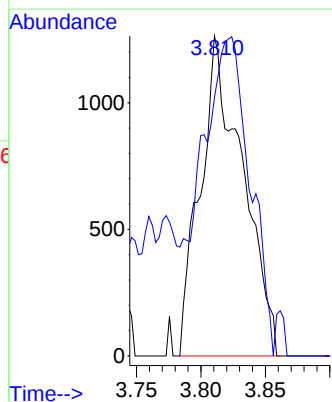
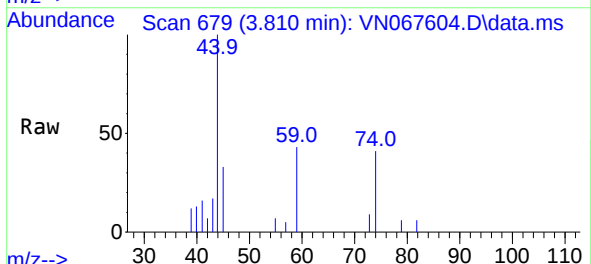
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

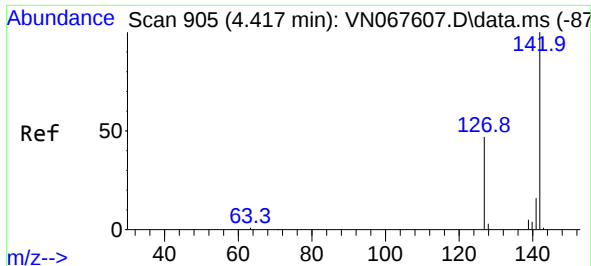
Tgt Ion:101 Resp: 17010  
Ion Ratio Lower Upper  
101 100  
103 58.4 51.2 76.8



#8  
Diethyl Ether  
Concen: 0.924 ug/l  
RT: 3.810 min Scan# 679  
Delta R.T. -0.005 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion: 74 Resp: 2876  
Ion Ratio Lower Upper  
74 100  
45 107.6 50.2 150.7

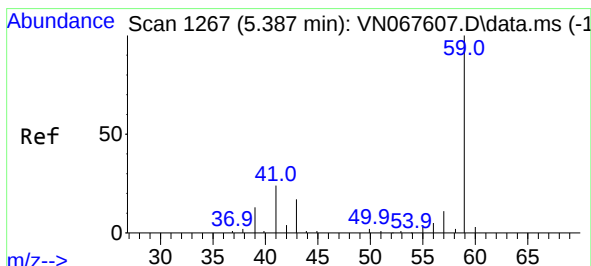
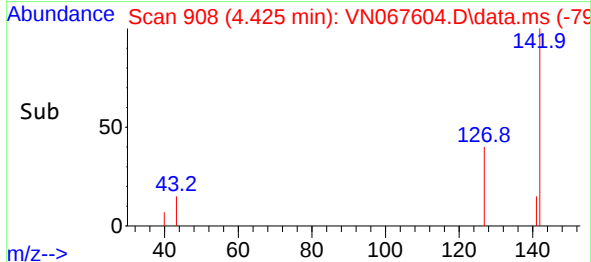
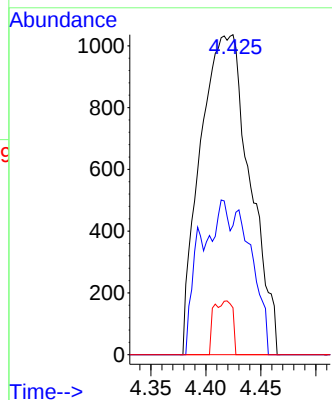
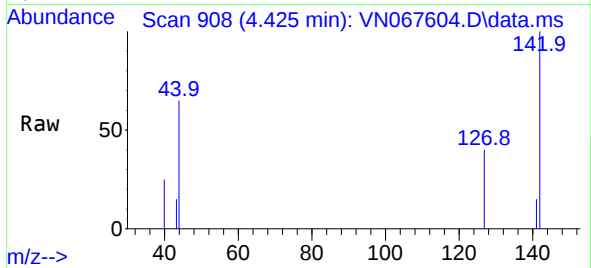




#10  
Methyl Iodide  
Concen: 0.614 ug/l  
RT: 4.425 min Scan# 908  
Delta R.T. 0.008 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

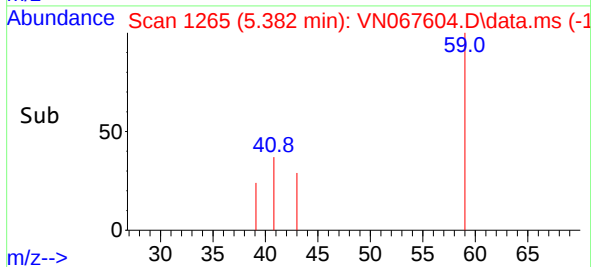
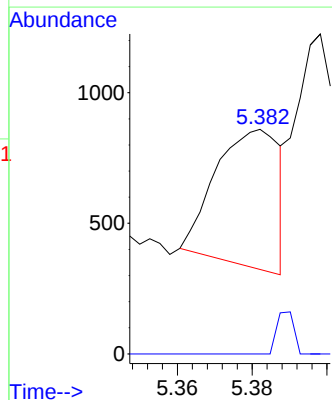
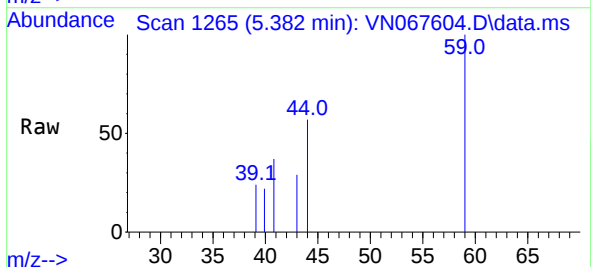
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

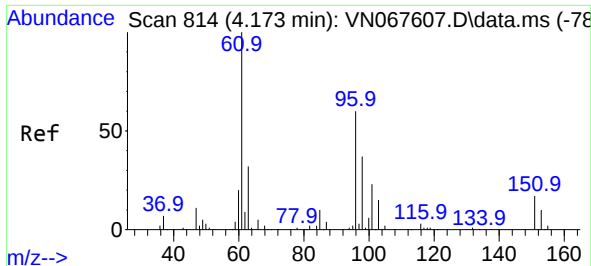
Tgt Ion:142 Resp: 3243  
Ion Ratio Lower Upper  
142 100  
127 3.2 43.1 64.7#  
141 6.4 11.4 17.0#



#11  
Tert butyl alcohol  
Concen: 0.733 ug/l  
RT: 5.382 min Scan# 1265  
Delta R.T. -0.005 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion: 59 Resp: 614  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.7 13.1#

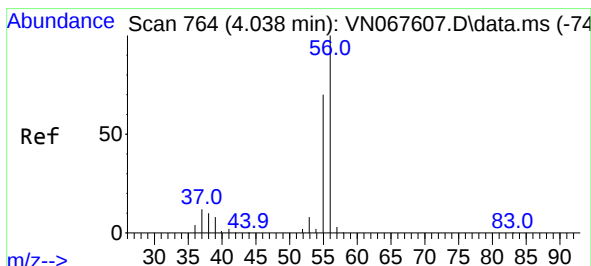
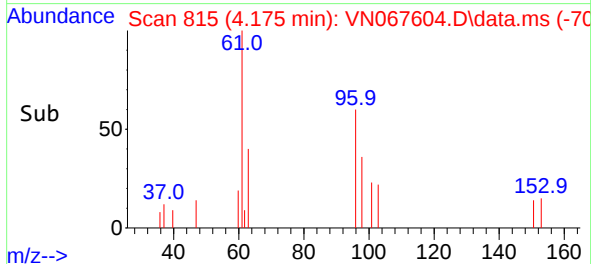
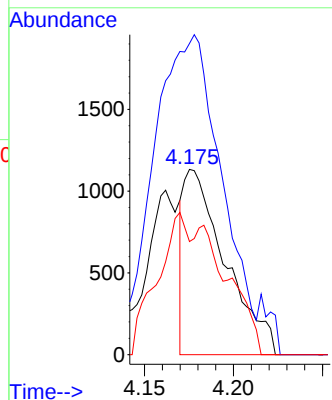
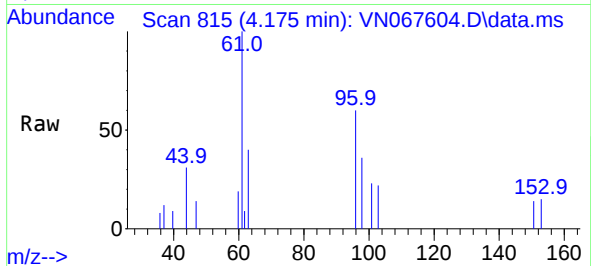




#12  
1,1-Dichloroethene  
Concen: 0.462 ug/l  
RT: 4.175 min Scan# 815  
Delta R.T. 0.003 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

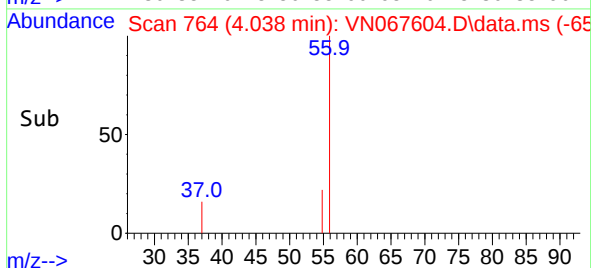
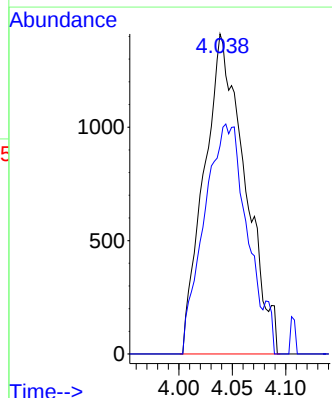
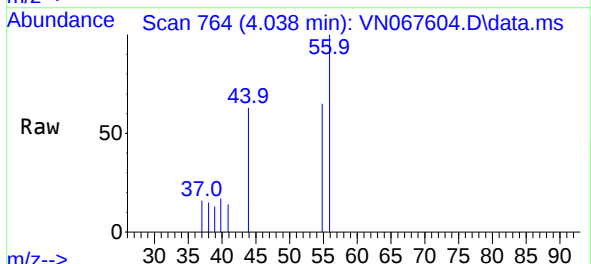
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

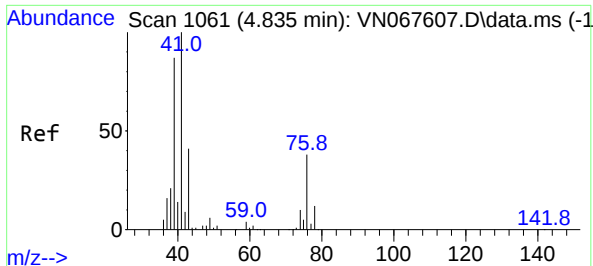
Tgt Ion: 96 Resp: 1831  
Ion Ratio Lower Upper  
96 100  
61 168.0 152.6 229.0  
98 61.1 50.9 76.3



#13  
Acrolein  
Concen: 6.191 ug/l  
RT: 4.038 min Scan# 764  
Delta R.T. 0.000 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion: 56 Resp: 3763  
Ion Ratio Lower Upper  
56 100  
55 73.6 57.4 86.0



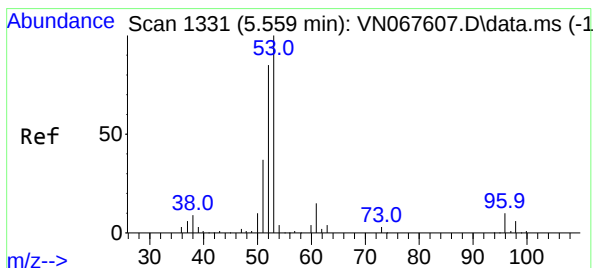
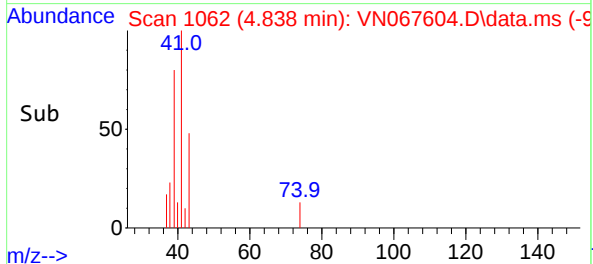
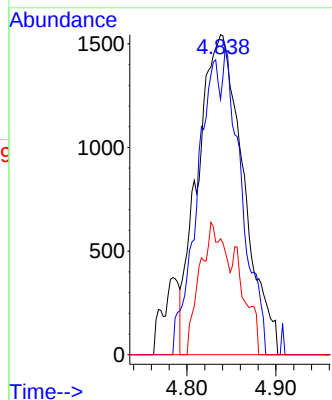
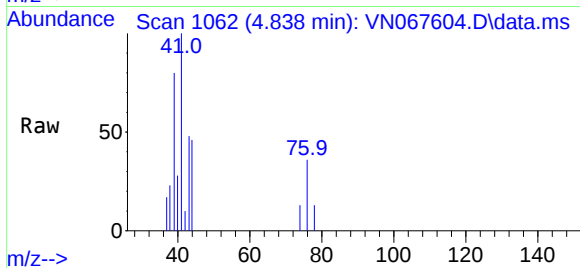


#14

Allyl chloride  
Concen: 0.834 ug/l  
RT: 4.838 min Scan# 1062  
Delta R.T. 0.003 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

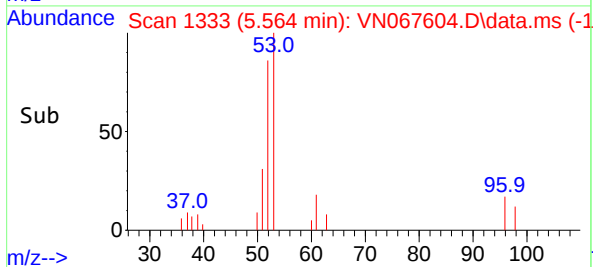
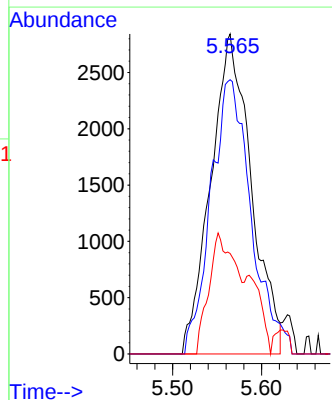
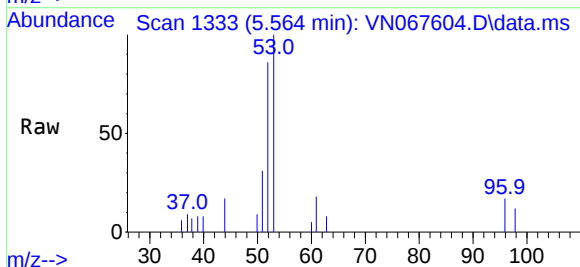
Tgt Ion: 41 Resp: 5478  
Ion Ratio Lower Upper  
41 100  
39 47.4 60.9 91.3#  
76 23.5 24.3 36.5#

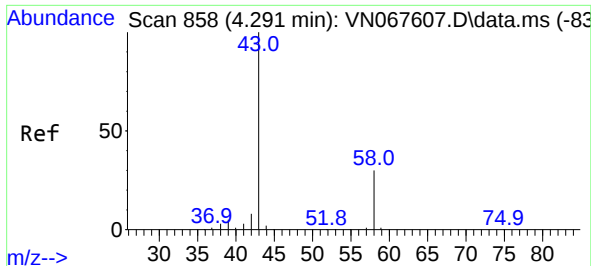


#15

Acrylonitrile  
Concen: 4.127 ug/l  
RT: 5.564 min Scan# 1333  
Delta R.T. 0.005 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion: 53 Resp: 8964  
Ion Ratio Lower Upper  
53 100  
52 85.6 66.2 99.2  
51 24.9 30.2 45.4#

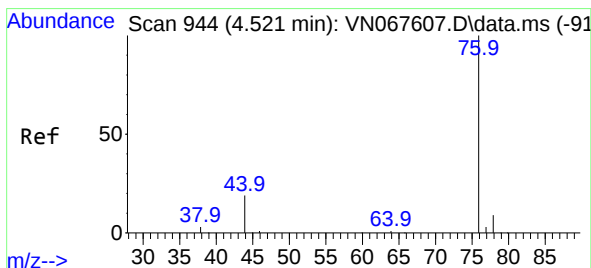
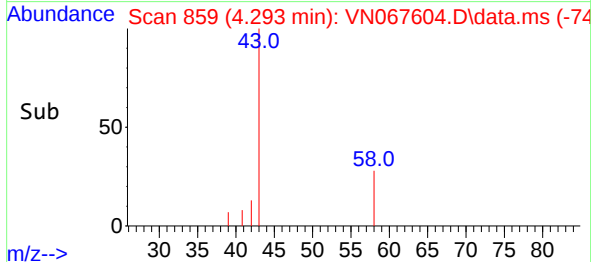
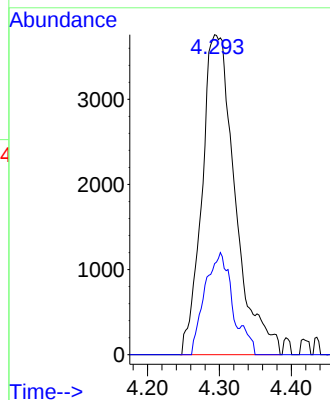
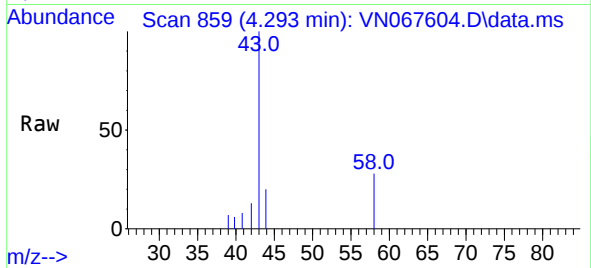




#16  
Acetone  
Concen: 6.424 ug/l  
RT: 4.293 min Scan# 859  
Delta R.T. 0.003 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

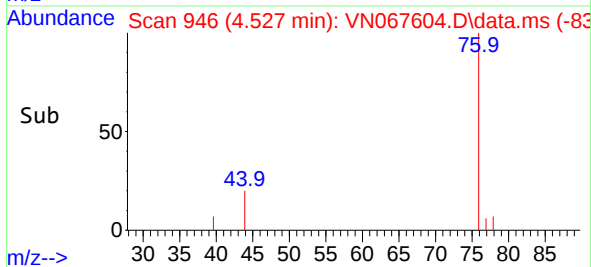
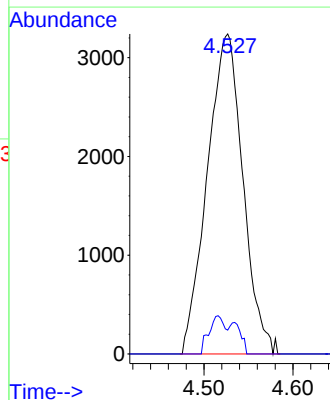
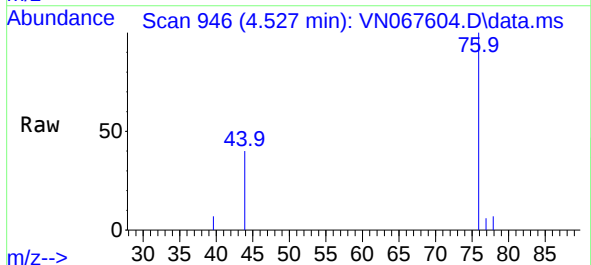
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

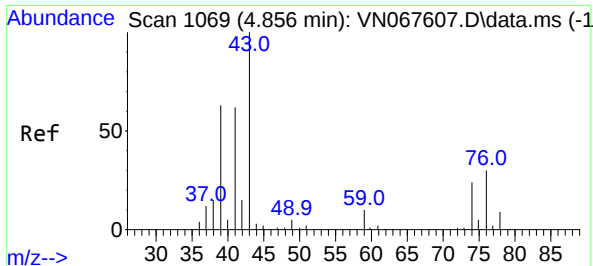
Tgt Ion: 43 Resp: 12051  
Ion Ratio Lower Upper  
43 100  
58 28.4 21.2 31.8



#17  
Carbon Disulfide  
Concen: 0.809 ug/l  
RT: 4.527 min Scan# 946  
Delta R.T. 0.005 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion: 76 Resp: 9035  
Ion Ratio Lower Upper  
76 100  
78 7.5 7.7 11.5#

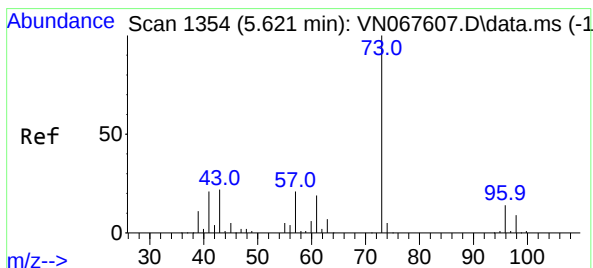
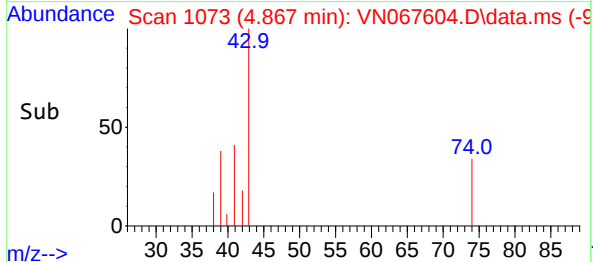
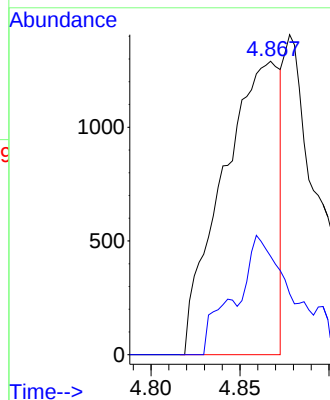
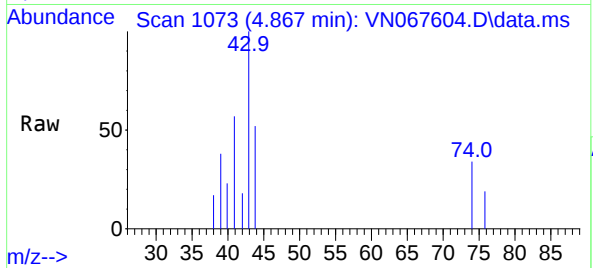




#18  
Methyl Acetate  
Concen: 0.574 ug/l  
RT: 4.867 min Scan# 1073  
Delta R.T. 0.011 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

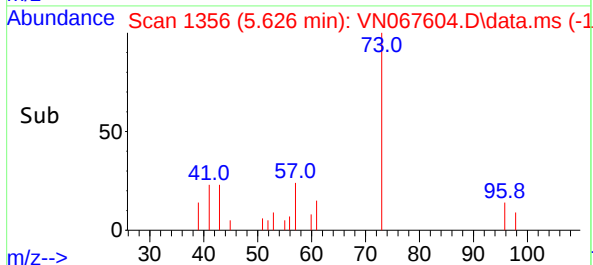
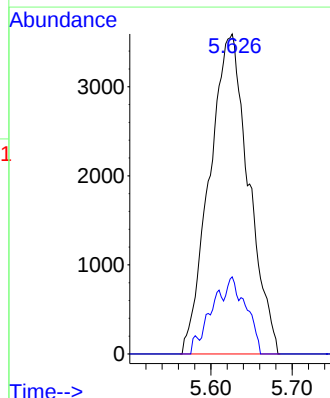
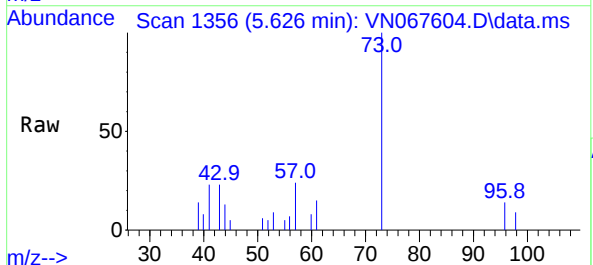
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

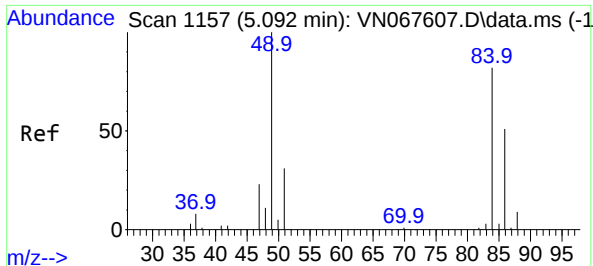
Tgt Ion: 43 Resp: 2868  
Ion Ratio Lower Upper  
43 100  
74 19.6 17.4 26.0



#19  
Methyl tert-butyl Ether  
Concen: 0.784 ug/l  
RT: 5.626 min Scan# 1356  
Delta R.T. 0.005 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion: 73 Resp: 12004  
Ion Ratio Lower Upper  
73 100  
57 24.1 17.0 25.6



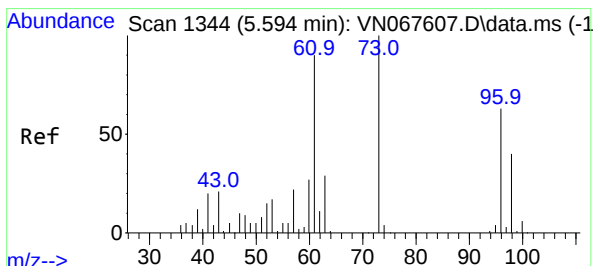
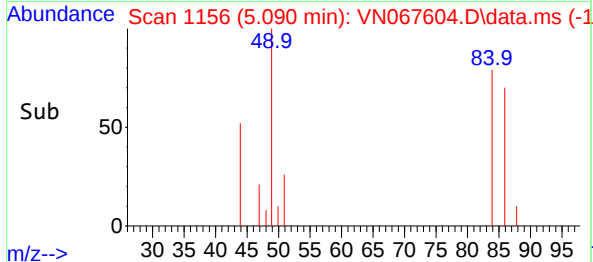
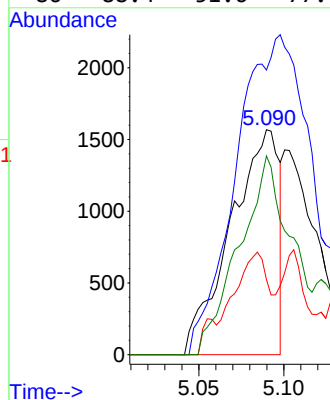
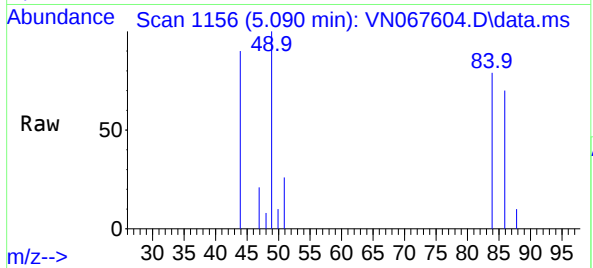


#20  
Methylene Chloride  
Concen: 0.581 ug/l  
RT: 5.090 min Scan# 1156  
Delta R.T. -0.003 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion: 84 Resp: 3087

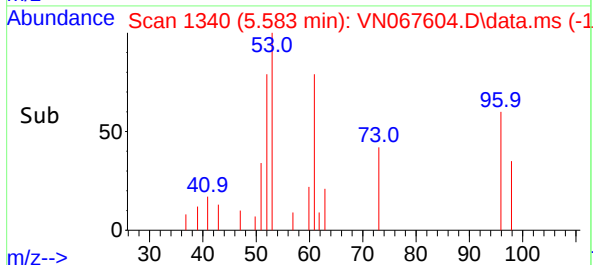
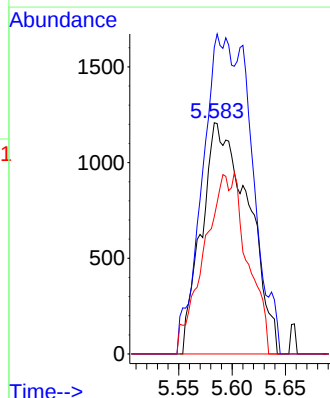
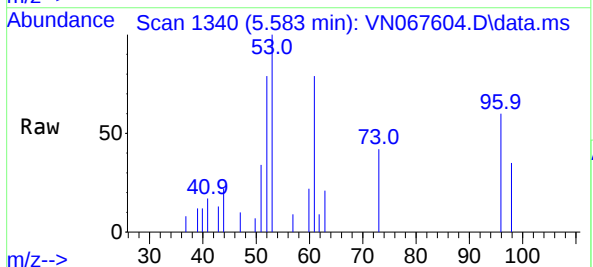
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 126.5 | 110.9 | 166.3 |
| 51  | 33.4  | 32.6  | 49.0  |
| 86  | 88.4  | 51.6  | 77.4  |

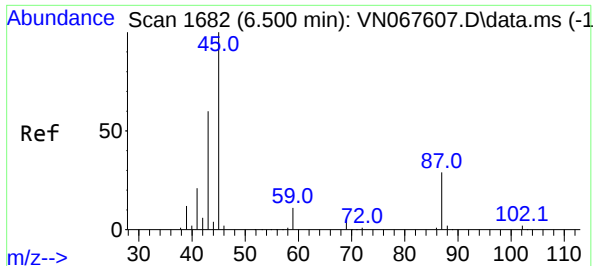


#21  
trans-1,2-Dichloroethene  
Concen: 0.814 ug/l  
RT: 5.583 min Scan# 1340  
Delta R.T. -0.011 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion: 96 Resp: 3672

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 132.6 | 123.5 | 185.3 |
| 98  | 59.4  | 48.6  | 72.8  |



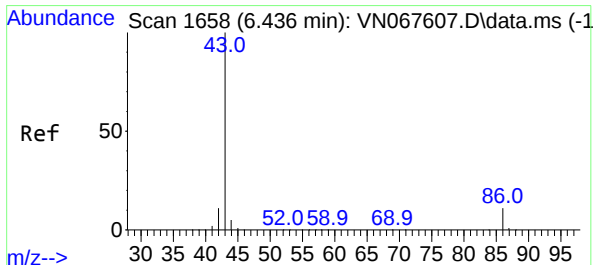
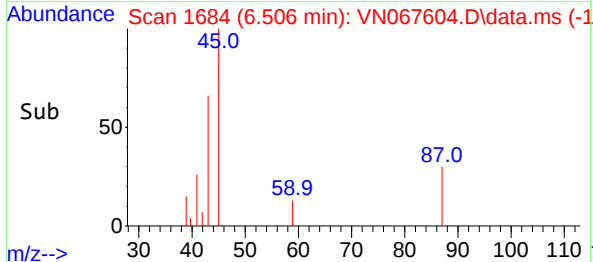
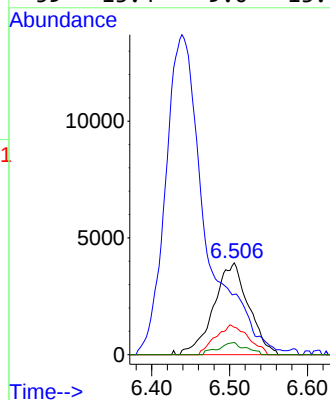
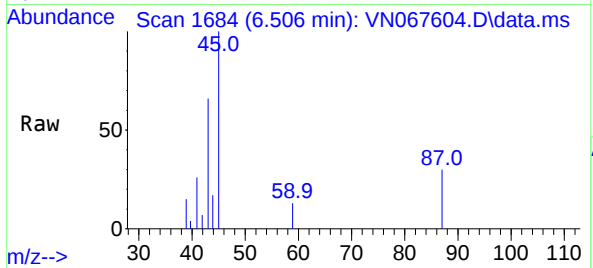


#22  
Diisopropyl ether  
Concen: 0.838 ug/l  
RT: 6.506 min Scan# 1684  
Delta R.T. 0.005 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion: 45 Resp: 12159

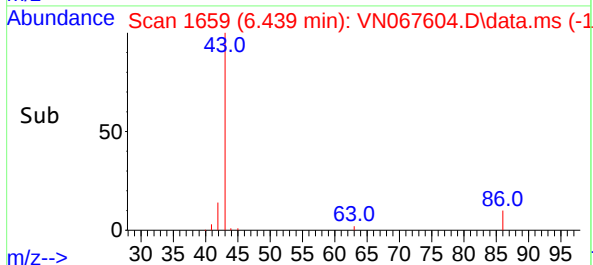
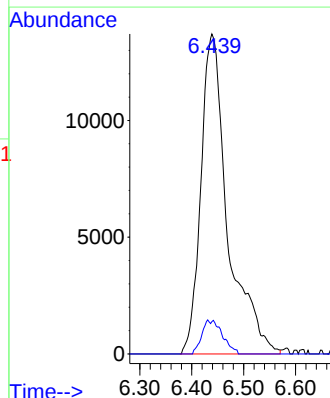
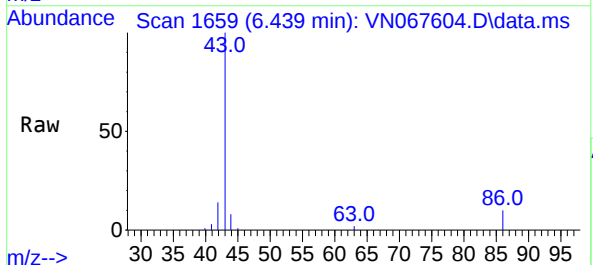
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 60.4  | 49.4  | 74.2  |
| 87  | 29.7  | 20.9  | 31.3  |
| 59  | 13.4  | 9.0   | 13.4  |

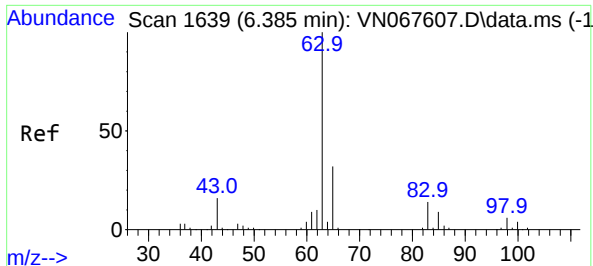


#23  
Vinyl Acetate  
Concen: 4.037 ug/l  
RT: 6.439 min Scan# 1659  
Delta R.T. 0.003 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion: 43 Resp: 49193

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 86  | 10.1  | 7.3   | 10.9  |



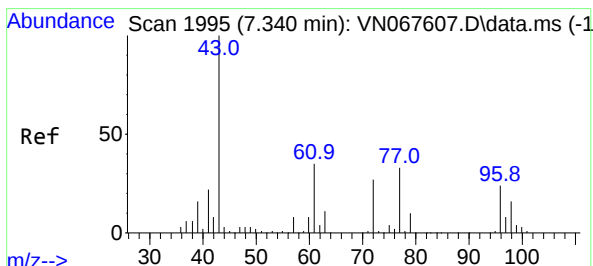
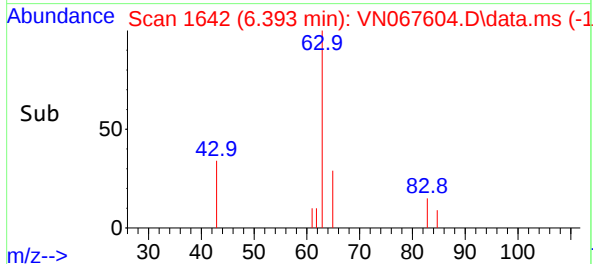
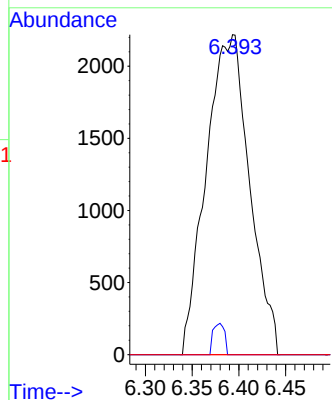
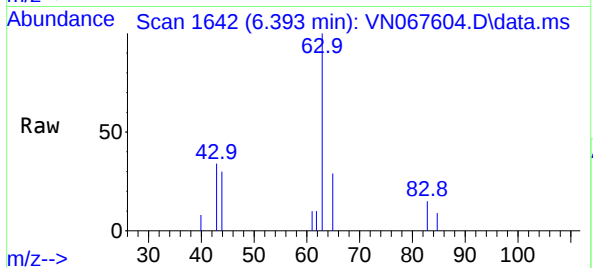


#24

1,1-Dichloroethane  
Concen: 0.858 ug/l  
RT: 6.393 min Scan# 1642  
Delta R.T. 0.008 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

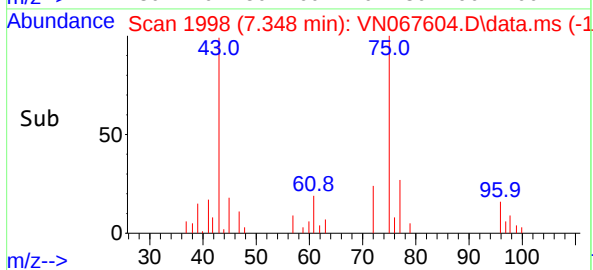
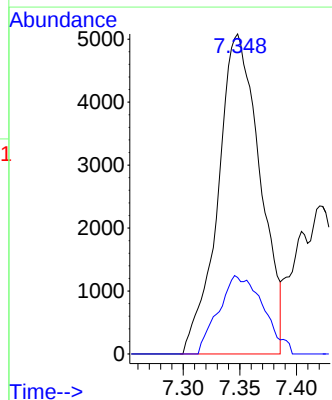
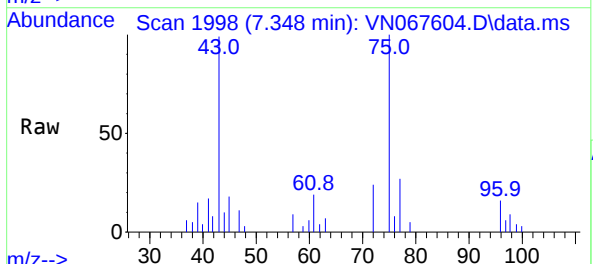
Tgt Ion: 63 Resp: 7145  
Ion Ratio Lower Upper  
63 100  
98 0.0 3.0 9.0#  
100 0.0 1.9 5.7#

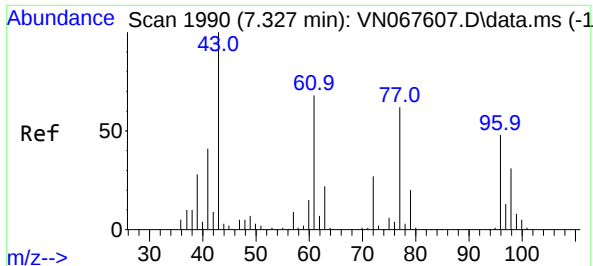


#25

2-Butanone  
Concen: 4.487 ug/l  
RT: 7.348 min Scan# 1998  
Delta R.T. 0.008 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion: 43 Resp: 13159  
Ion Ratio Lower Upper  
43 100  
72 23.9 19.7 29.5

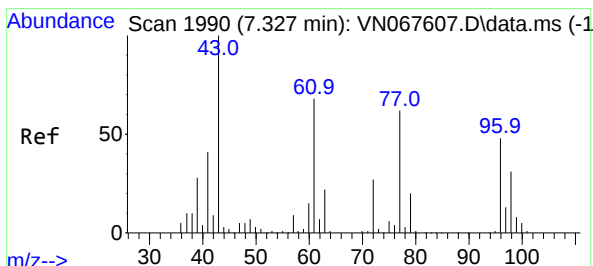
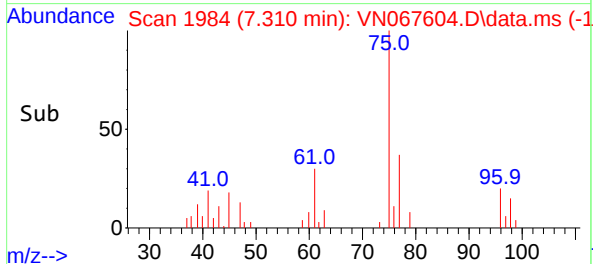
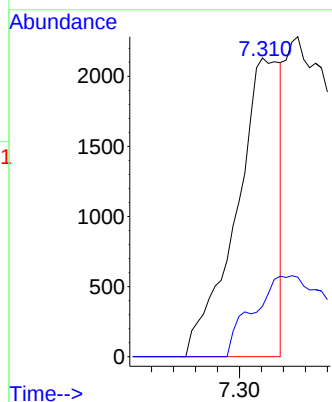
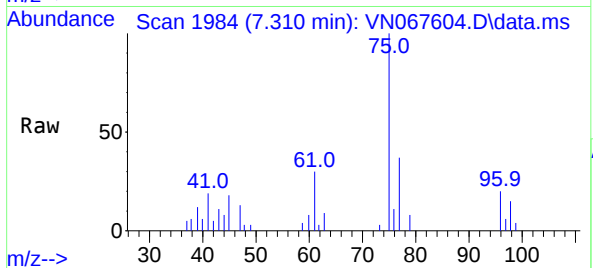




#26  
2,2-Dichloropropane  
Concen: 0.386 ug/l  
RT: 7.310 min Scan# 1984  
Delta R.T. -0.016 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

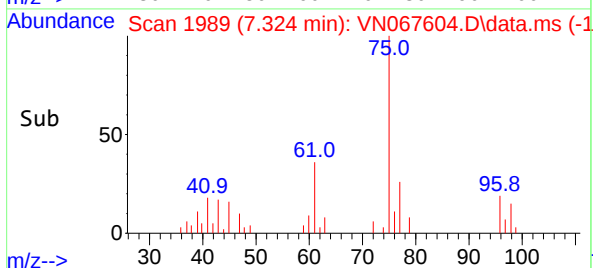
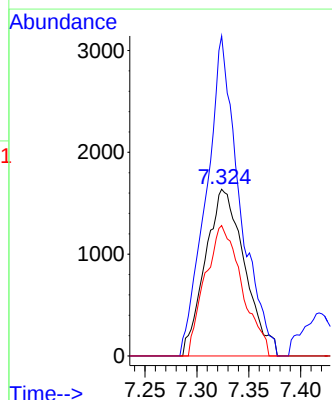
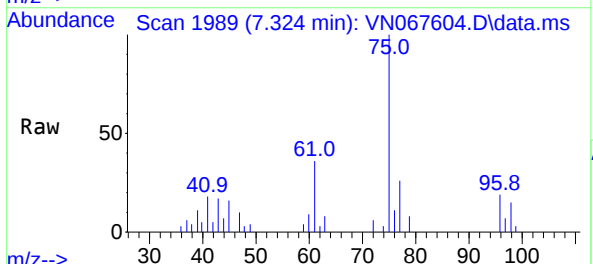
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

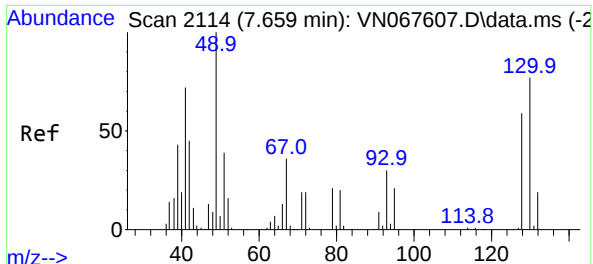
Tgt Ion: 77 Resp: 2965  
Ion Ratio Lower Upper  
77 100  
97 47.8 9.8 29.3#



#27  
cis-1,2-Dichloroethene  
Concen: 0.787 ug/l  
RT: 7.324 min Scan# 1989  
Delta R.T. -0.003 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion: 96 Resp: 4320  
Ion Ratio Lower Upper  
96 100  
61 162.8 0.0 338.8  
98 73.0 0.0 129.8

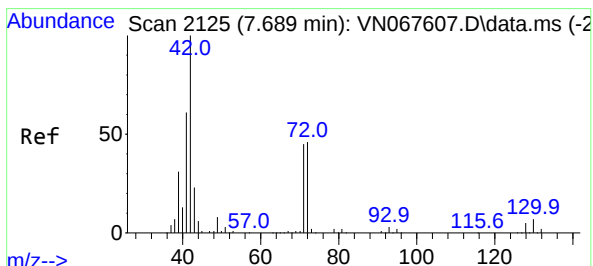
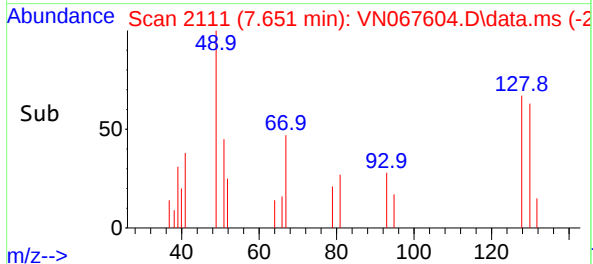
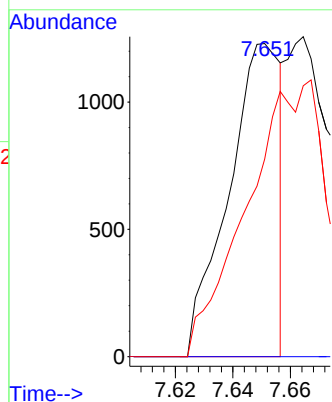
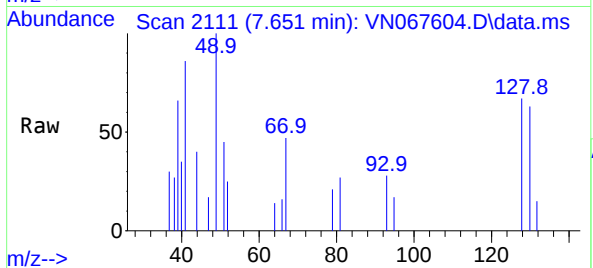




#28  
Bromochloromethane  
Concen: 0.390 ug/l  
RT: 7.651 min Scan# 2111  
Delta R.T. -0.008 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

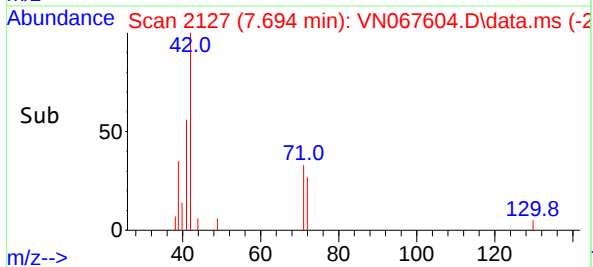
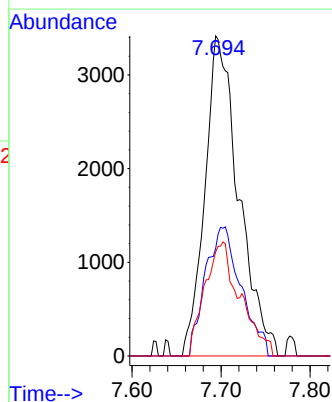
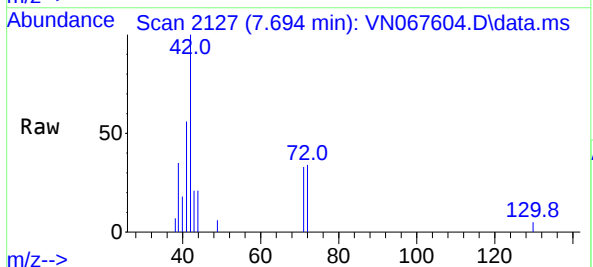
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

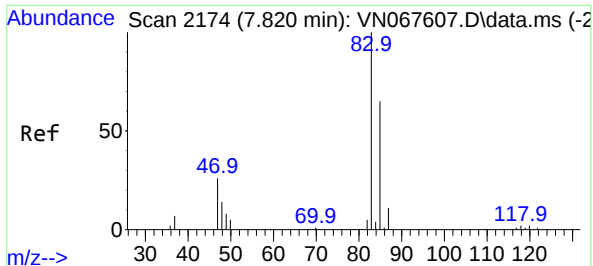
Tgt Ion: 49 Resp: 1539  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 3.8  
130 148.7 49.7 74.5#



#29  
Tetrahydrofuran  
Concen: 4.625 ug/l  
RT: 7.694 min Scan# 2127  
Delta R.T. 0.005 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion: 42 Resp: 9033  
Ion Ratio Lower Upper  
42 100  
72 42.5 32.8 49.2  
71 37.2 31.2 46.8



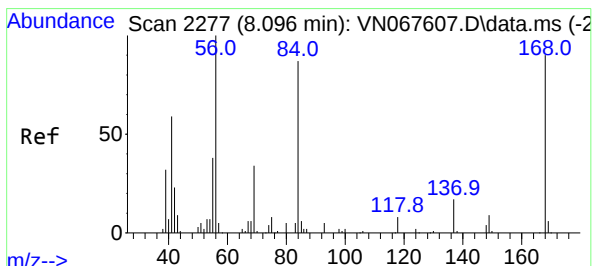
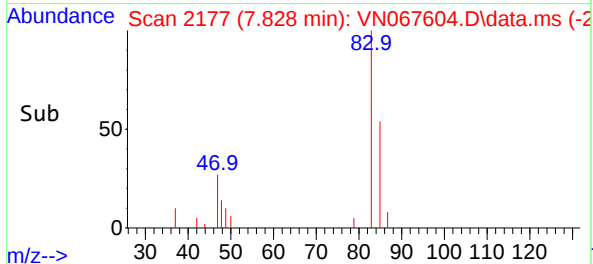
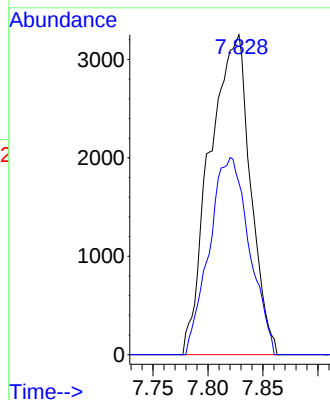
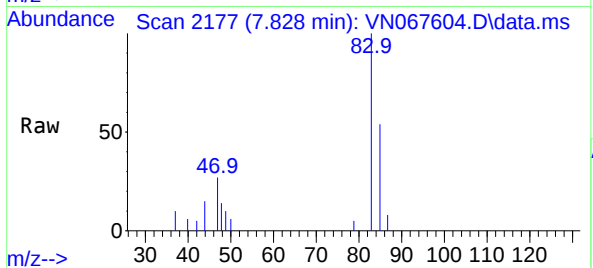


#30

Chloroform  
Concen: 0.907 ug/l  
RT: 7.828 min Scan# 2177  
Delta R.T. 0.008 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

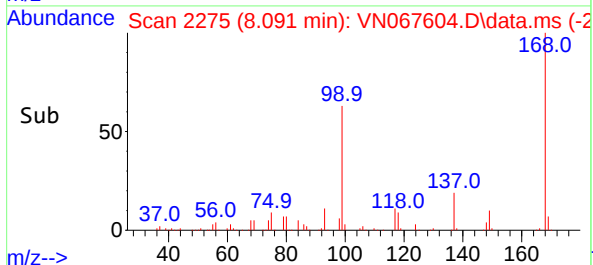
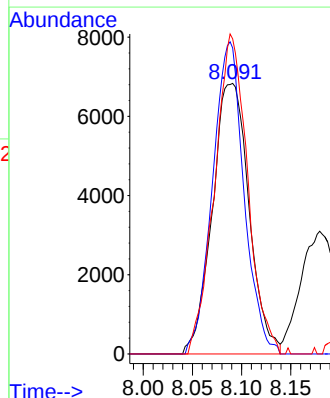
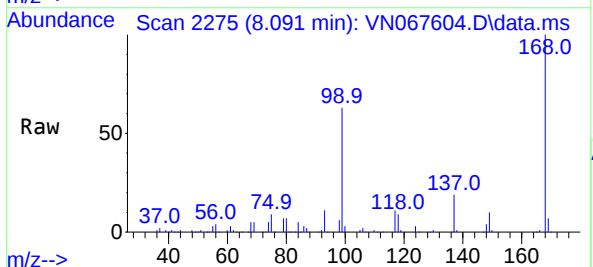
Tgt Ion: 83 Resp: 8357  
Ion Ratio Lower Upper  
83 100  
85 53.7 51.5 77.3

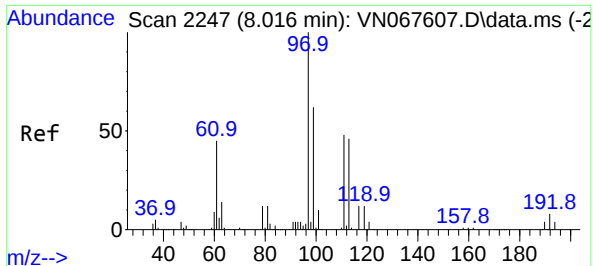


#31

Cyclohexane  
Concen: 2.125 ug/l  
RT: 8.091 min Scan# 2275  
Delta R.T. -0.005 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion: 56 Resp: 17682  
Ion Ratio Lower Upper  
56 100  
69 113.1 27.3 40.9#  
84 116.4 64.9 97.3#

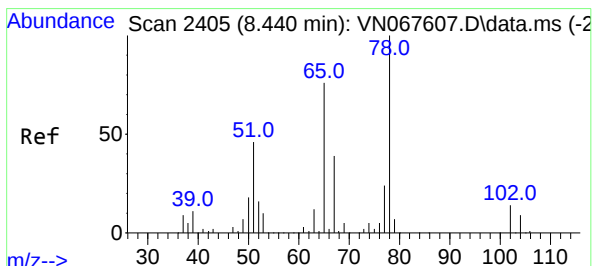
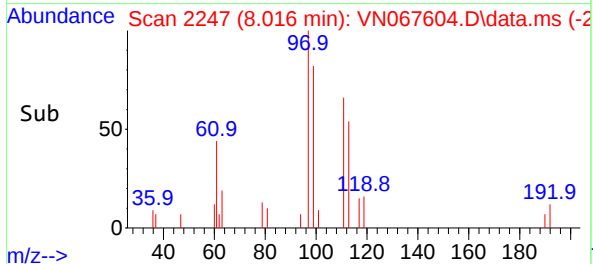
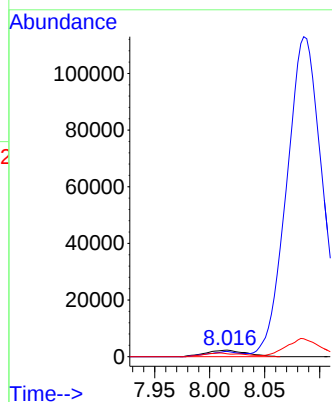
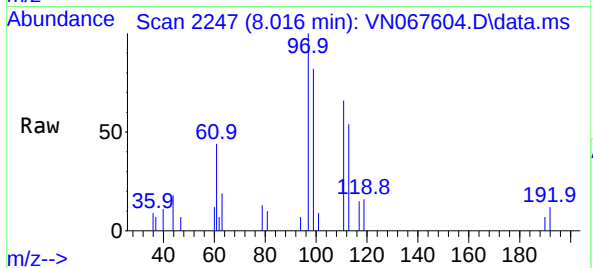




#32  
1,1,1-Trichloroethane  
Concen: 0.702 ug/l  
RT: 8.016 min Scan# 2247  
Delta R.T. 0.000 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

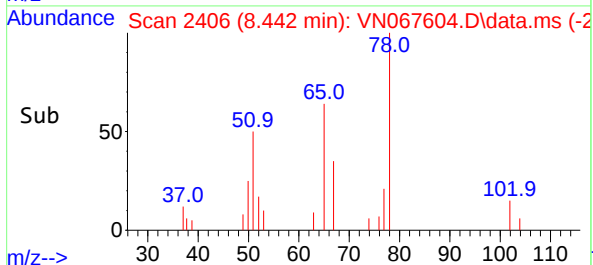
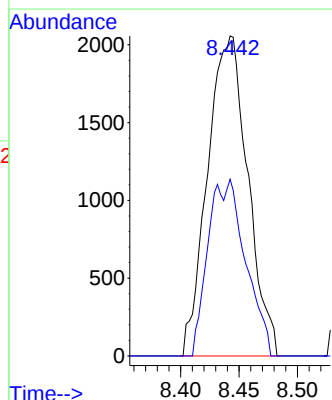
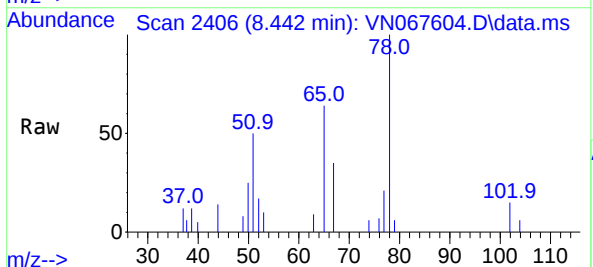
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

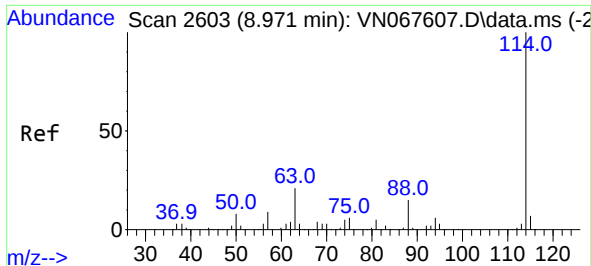
Tgt Ion: 97 Resp: 5848  
Ion Ratio Lower Upper  
97 100  
99 0.0 50.2 75.2#  
61 34.5 38.2 57.2#



#33  
1,2-Dichloroethane-d4  
Concen: 0.851 ug/l  
RT: 8.442 min Scan# 2406  
Delta R.T. 0.003 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion: 65 Resp: 4929  
Ion Ratio Lower Upper  
65 100  
67 23.5 0.0 98.6

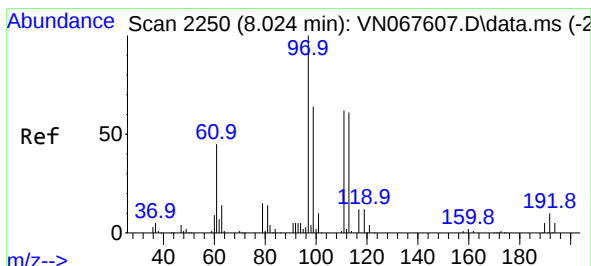
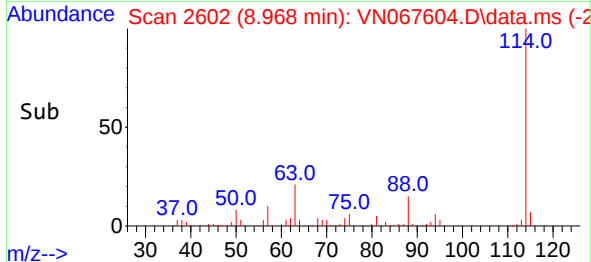
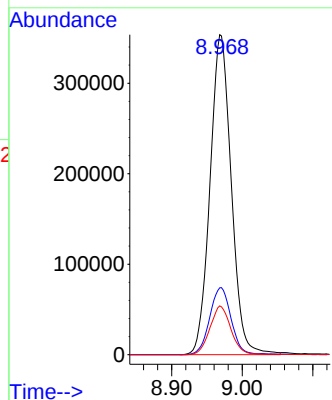
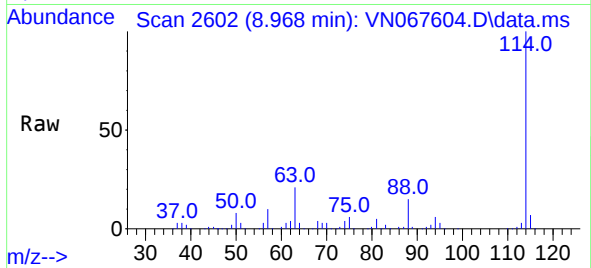




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.968 min Scan# 2602  
Delta R.T. -0.003 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

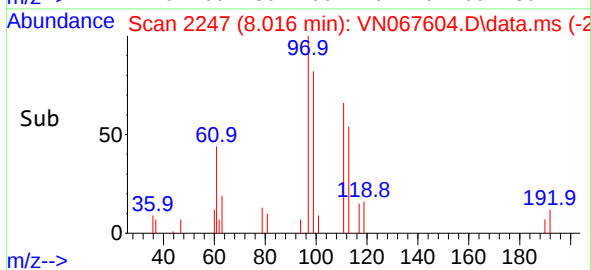
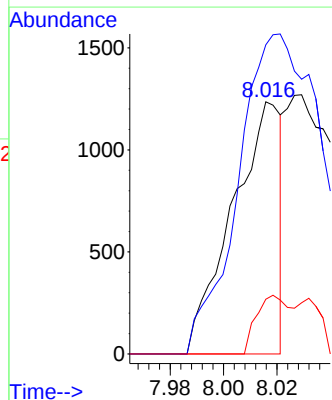
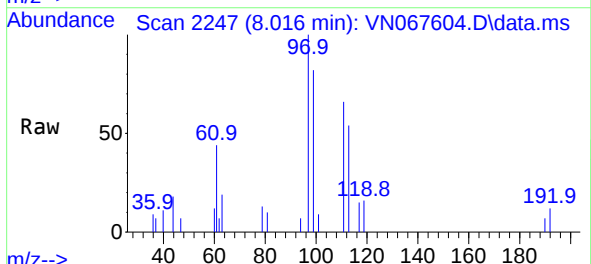
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

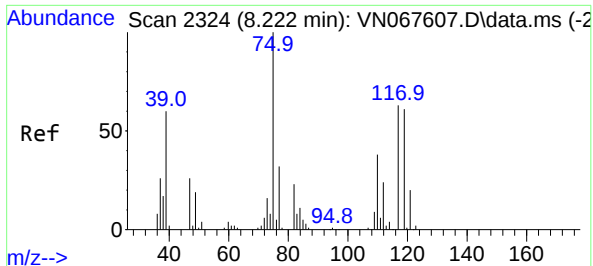
Tgt Ion:114 Resp: 740298  
Ion Ratio Lower Upper  
114 100  
63 20.9 0.0 49.0  
88 15.2 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 0.337 ug/l  
RT: 8.016 min Scan# 2247  
Delta R.T. -0.008 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion:113 Resp: 1556  
Ion Ratio Lower Upper  
113 100  
111 235.0 83.8 125.8#  
192 16.8 13.4 20.0

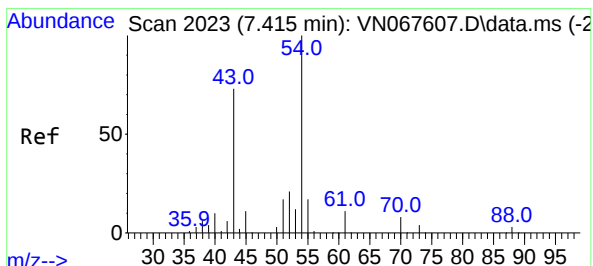
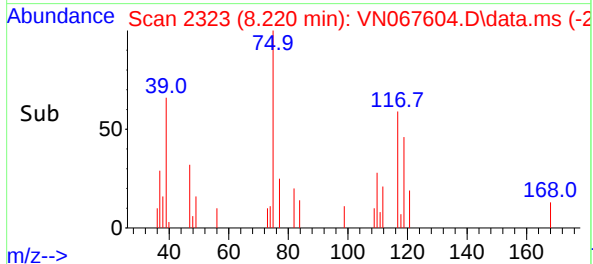
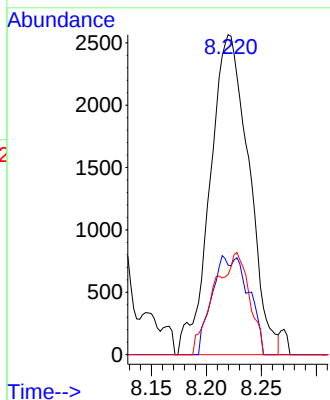
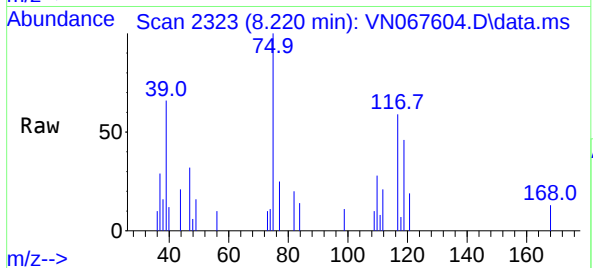




#36  
1,1-Dichloropropene  
Concen: 0.928 ug/l  
RT: 8.220 min Scan# 2323  
Delta R.T. -0.003 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

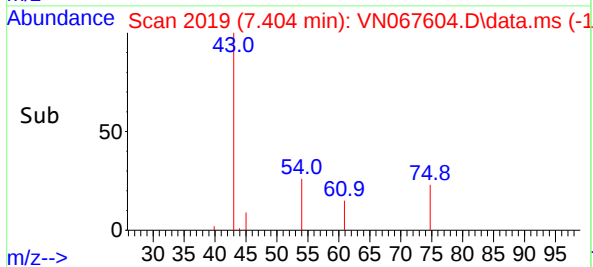
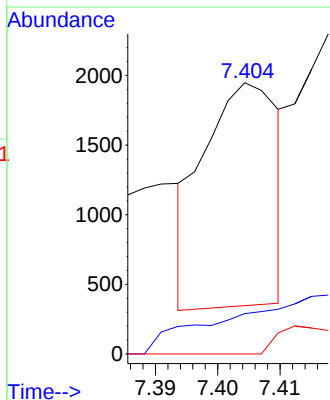
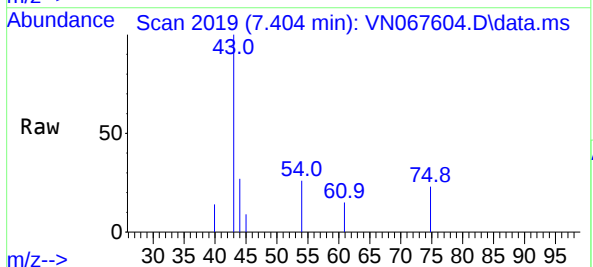
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

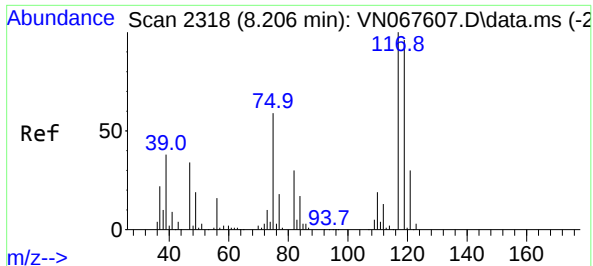
Tgt Ion: 75 Resp: 6269  
Ion Ratio Lower Upper  
75 100  
110 0.0 15.7 47.0#  
77 15.5 24.6 37.0#



#37  
Ethyl Acetate  
Concen: 0.213 ug/l  
RT: 7.404 min Scan# 2019  
Delta R.T. -0.011 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion: 43 Resp: 1326  
Ion Ratio Lower Upper  
43 100  
61 0.0 10.6 16.0#  
70 0.0 8.1 12.1#



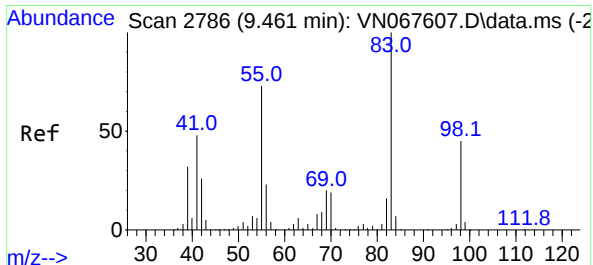
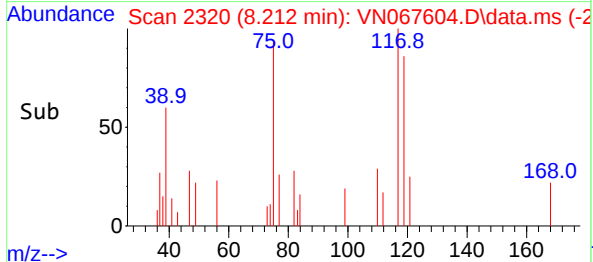
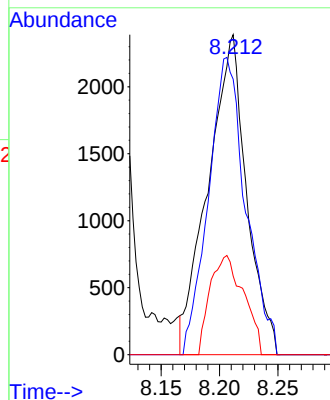
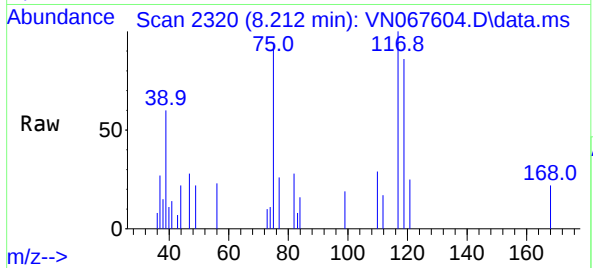


#38  
Carbon Tetrachloride  
Concen: 0.763 ug/l  
RT: 8.212 min Scan# 2320  
Delta R.T. 0.005 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion: 117 Resp: 5465

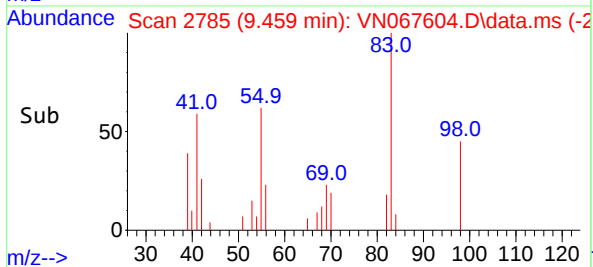
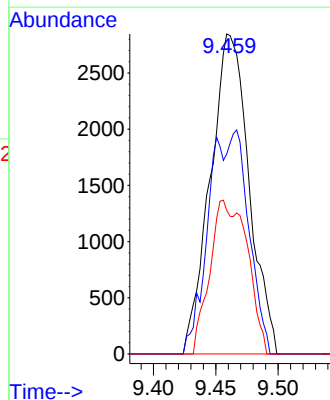
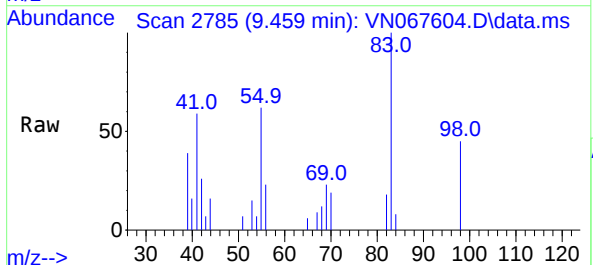
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 86.1  | 75.4  | 113.2 |
| 121 | 24.6  | 23.5  | 35.3  |

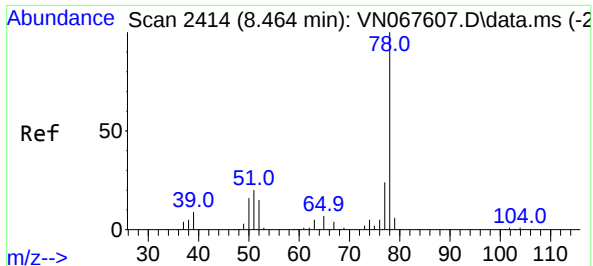


#39  
Methylcyclohexane  
Concen: 0.766 ug/l  
RT: 9.459 min Scan# 2785  
Delta R.T. -0.003 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion: 83 Resp: 6159

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 62.5  | 66.6  | 99.8# |
| 98  | 44.9  | 35.3  | 52.9  |

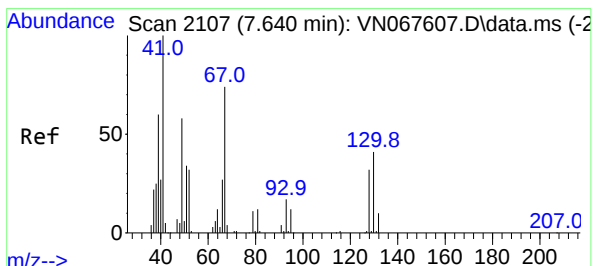
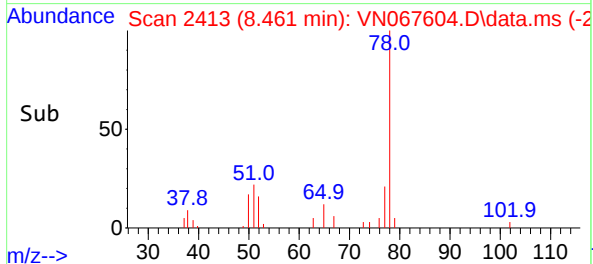
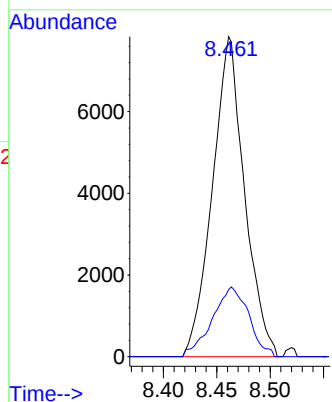
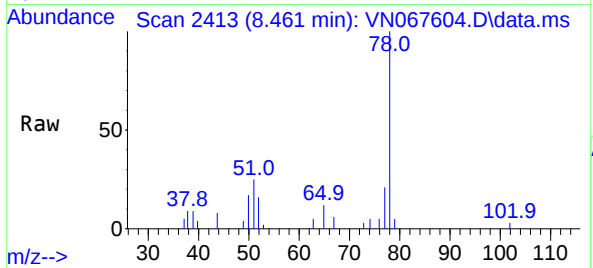




#40  
Benzene  
Concen: 0.801 ug/l  
RT: 8.461 min Scan# 2413  
Delta R.T. -0.003 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

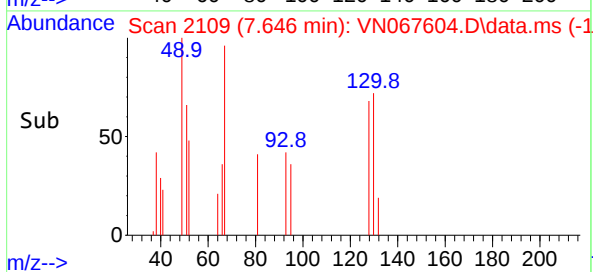
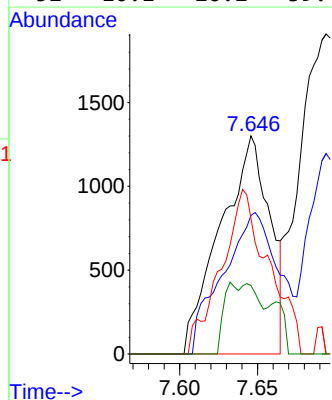
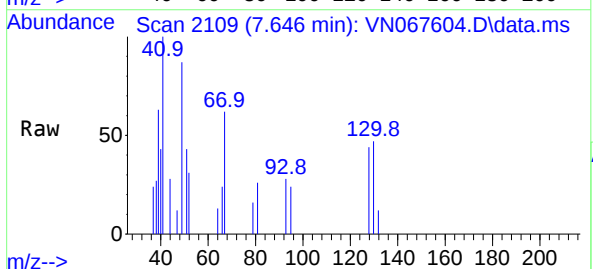
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

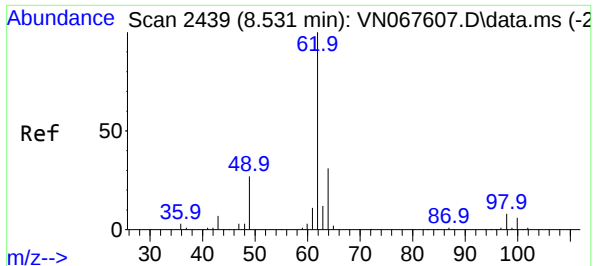
Tgt Ion: 78 Resp: 16383  
Ion Ratio Lower Upper  
78 100  
77 21.0 18.9 28.3



#41  
Methacrylonitrile  
Concen: 0.922 ug/l  
RT: 7.646 min Scan# 2109  
Delta R.T. 0.005 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion: 41 Resp: 2853  
Ion Ratio Lower Upper  
41 100  
39 74.9 47.6 71.4#  
67 73.0 57.7 86.5  
52 10.1 26.2 39.4#





#42

1,2-Dichloroethane

Concen: 0.912 ug/l

RT: 8.533 min Scan# 2440

Delta R.T. 0.003 min

Lab File: VN067604.D

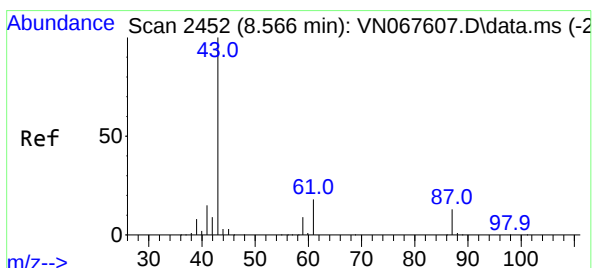
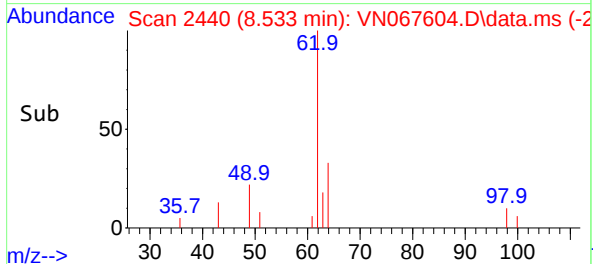
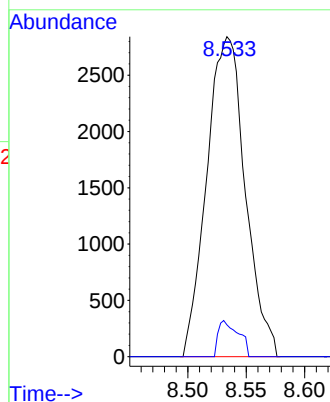
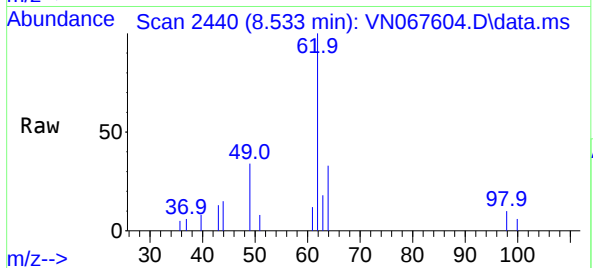
Acq: 2 Jul 2021 9:16

Tgt Ion: 62 Resp: 6518

Ion Ratio Lower Upper

62 100

98 5.9 0.0 14.2



#43

Isopropyl Acetate

Concen: 0.918 ug/l

RT: 8.563 min Scan# 2451

Delta R.T. -0.003 min

Lab File: VN067604.D

Acq: 2 Jul 2021 9:16

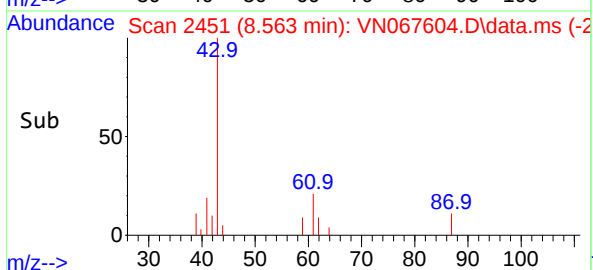
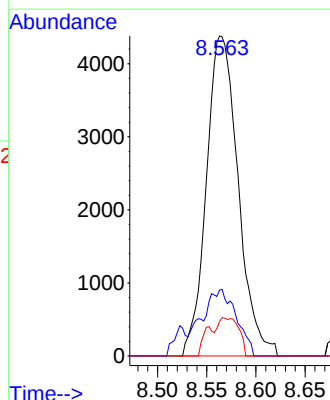
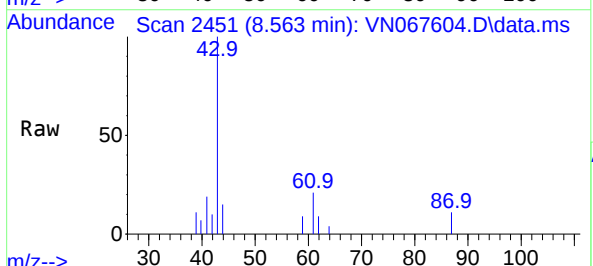
Tgt Ion: 43 Resp: 9855

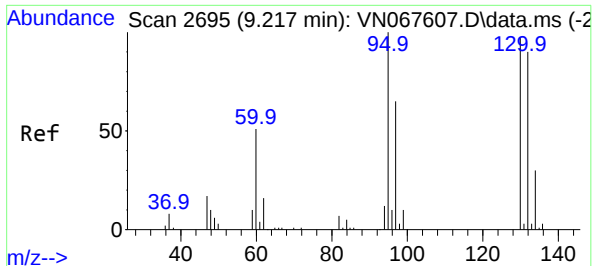
Ion Ratio Lower Upper

43 100

61 22.5 19.0 28.4

87 7.9 9.5 14.3#

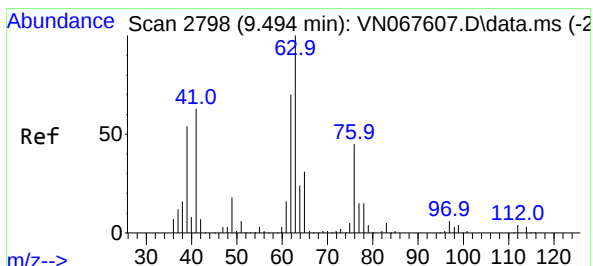
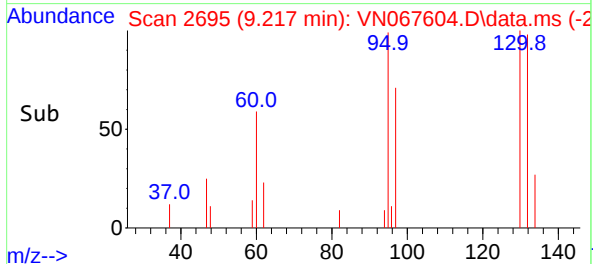
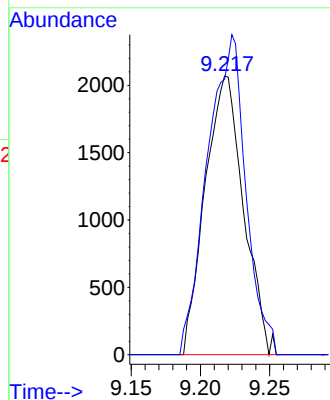
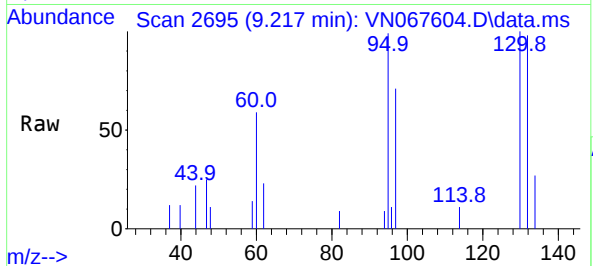




#44  
Trichloroethene  
Concen: 0.759 ug/l  
RT: 9.217 min Scan# 2695  
Delta R.T. 0.000 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

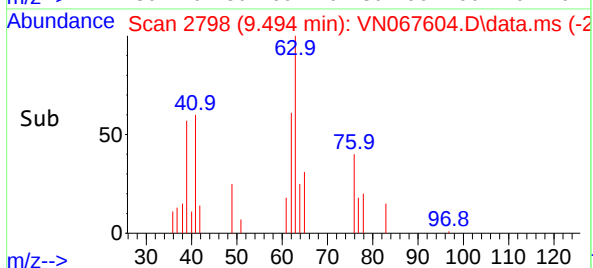
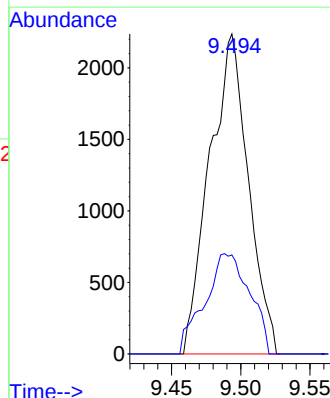
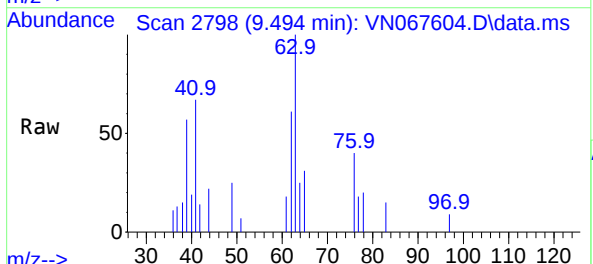
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

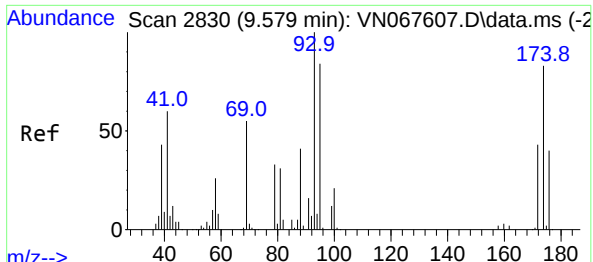
Tgt Ion:130 Resp: 3996  
Ion Ratio Lower Upper  
130 100  
95 98.8 0.0 234.4



#45  
1,2-Dichloropropane  
Concen: 0.853 ug/l  
RT: 9.494 min Scan# 2798  
Delta R.T. 0.000 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion: 63 Resp: 4353  
Ion Ratio Lower Upper  
63 100  
65 30.9 24.3 36.5



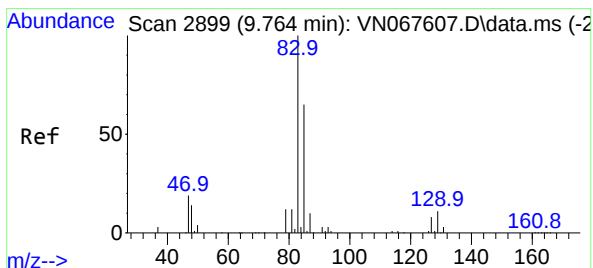
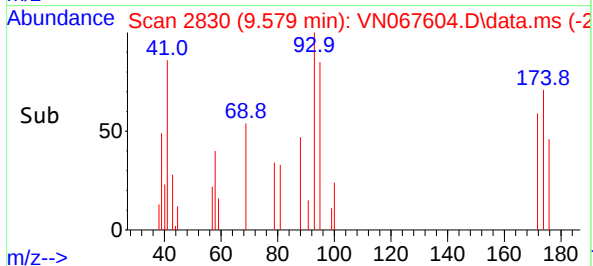
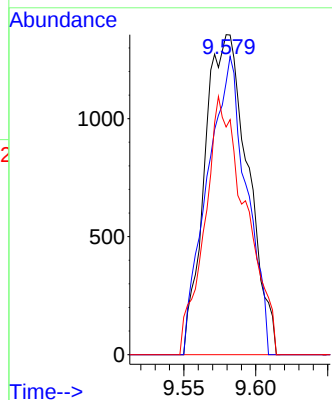
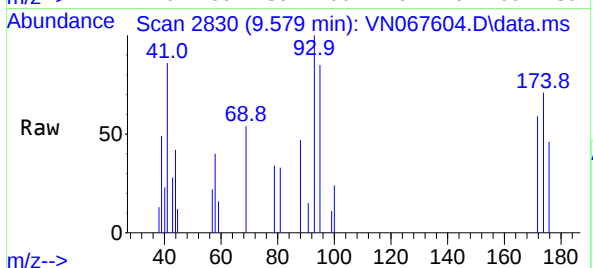


#46  
Dibromomethane  
Concen: 0.776 ug/l  
RT: 9.579 min Scan# 2830  
Delta R.T. 0.000 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion: 93 Resp: 2834

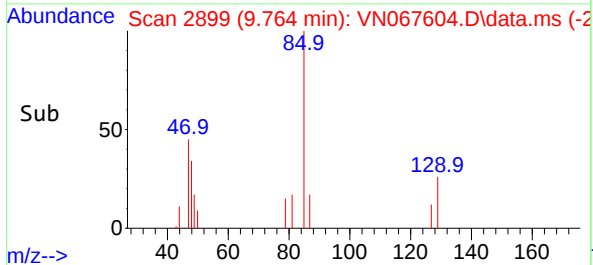
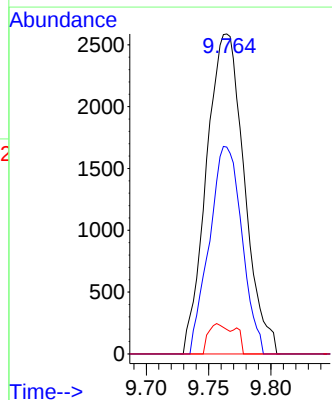
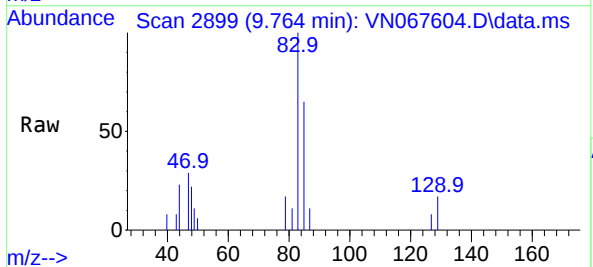
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 84.9  | 66.1  | 99.1  |
| 174 | 77.1  | 61.0  | 91.4  |

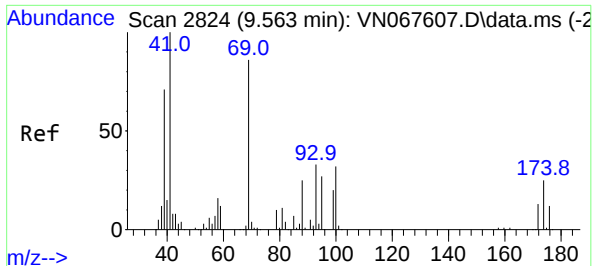


#47  
Bromodichloromethane  
Concen: 0.758 ug/l  
RT: 9.764 min Scan# 2899  
Delta R.T. 0.000 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion: 83 Resp: 5452

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 64.6  | 49.9  | 74.9  |
| 127 | 7.7   | 6.1   | 9.1   |





#48

Methyl methacrylate

Concen: 1.020 ug/l

RT: 9.561 min Scan# 2823

Delta R.T. -0.003 min

Lab File: VN067604.D

Acq: 2 Jul 2021 9:16

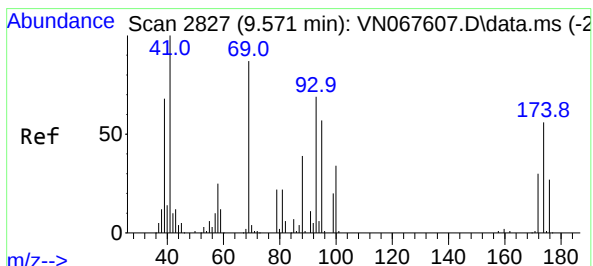
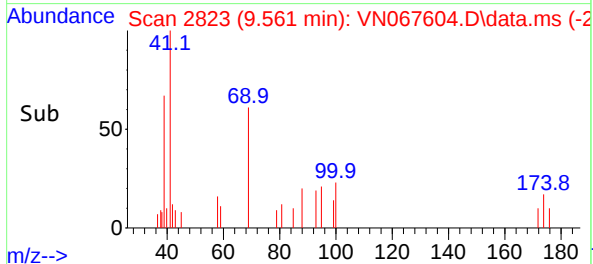
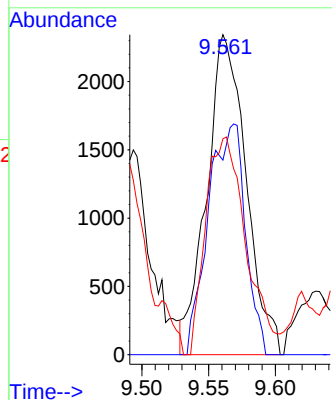
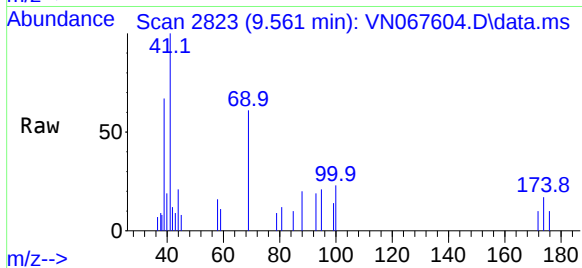
Tgt Ion: 41 Resp: 4808

Ion Ratio Lower Upper

41 100

69 67.8 64.6 96.8

39 69.8 53.3 79.9



#49

1,4-Dioxane

Concen: 15.735 ug/l

RT: 9.571 min Scan# 2827

Delta R.T. 0.000 min

Lab File: VN067604.D

Acq: 2 Jul 2021 9:16

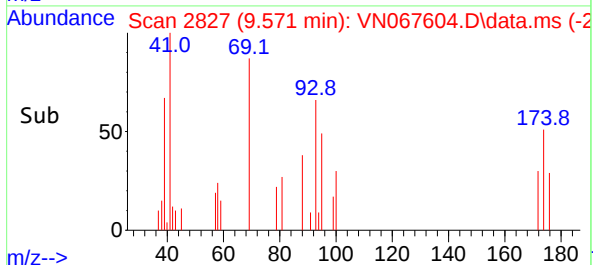
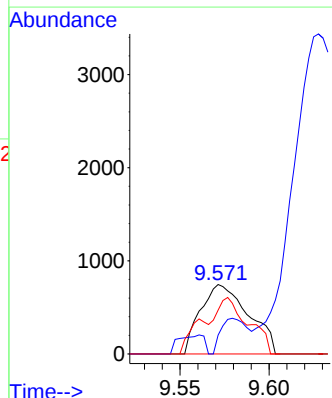
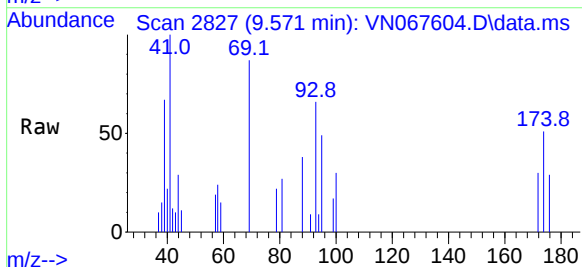
Tgt Ion: 88 Resp: 1407

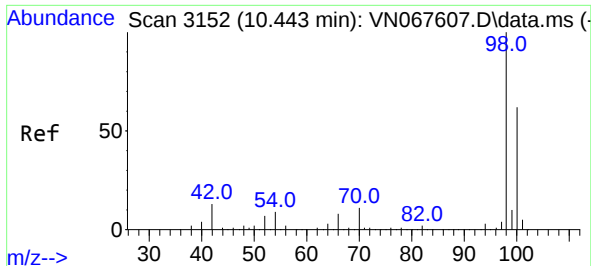
Ion Ratio Lower Upper

88 100

43 28.5 28.8 43.2#

58 54.6 60.4 90.6#

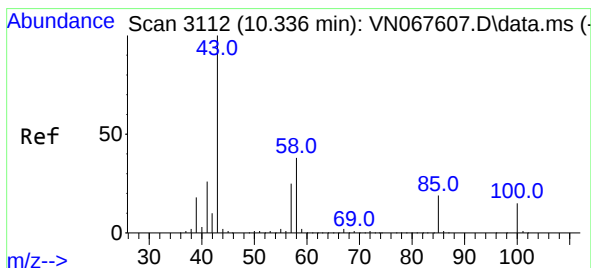
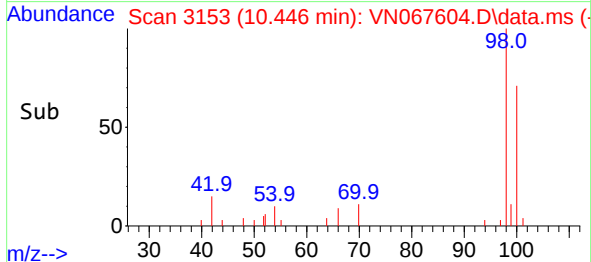
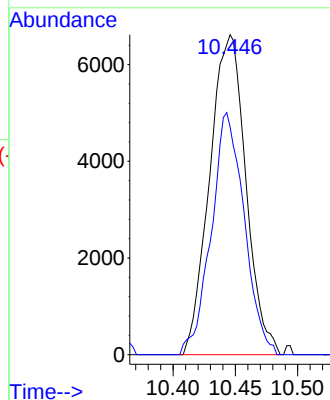
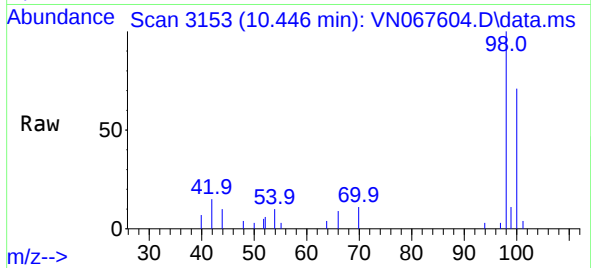




#50  
Toluene-d8  
Concen: 0.706 ug/l  
RT: 10.446 min Scan# 3153  
Delta R.T. 0.003 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

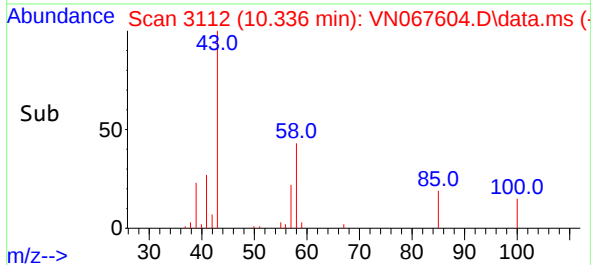
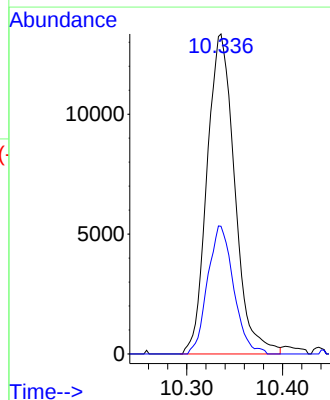
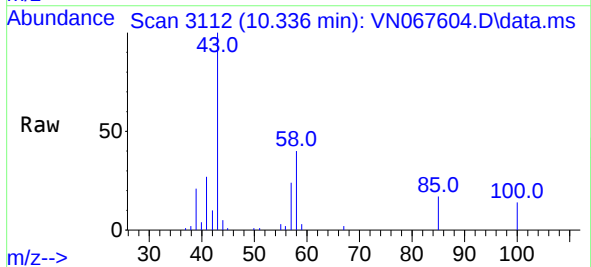
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

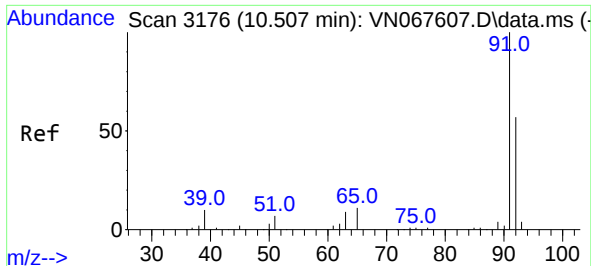
Tgt Ion: 98 Resp: 13387  
Ion Ratio Lower Upper  
98 100  
100 68.9 51.7 77.5



#51  
4-Methyl-2-Pentanone  
Concen: 4.109 ug/l  
RT: 10.336 min Scan# 3112  
Delta R.T. 0.000 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion: 43 Resp: 26789  
Ion Ratio Lower Upper  
43 100  
58 37.5 28.6 43.0

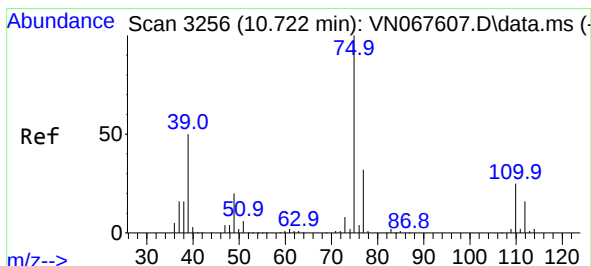
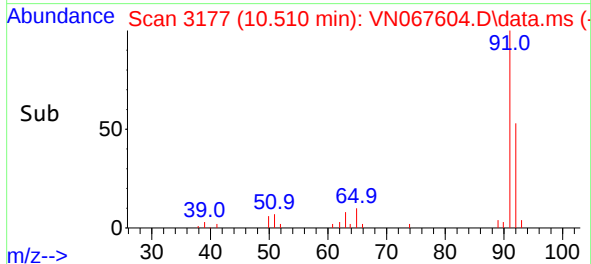
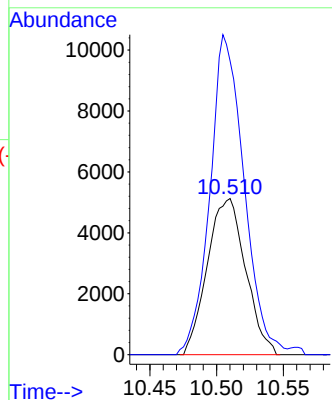
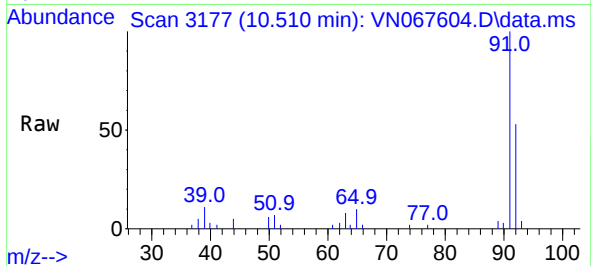




#52  
Toluene  
Concen: 0.761 ug/l  
RT: 10.510 min Scan# 3177  
Delta R.T. 0.003 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

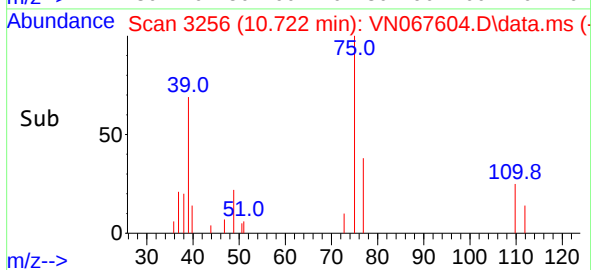
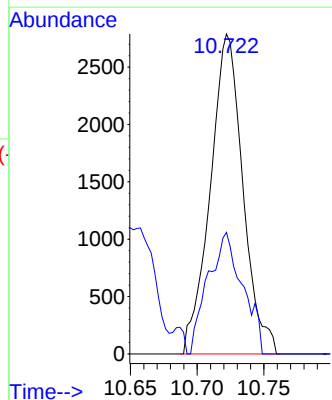
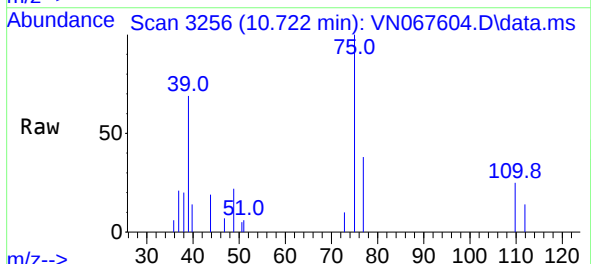
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

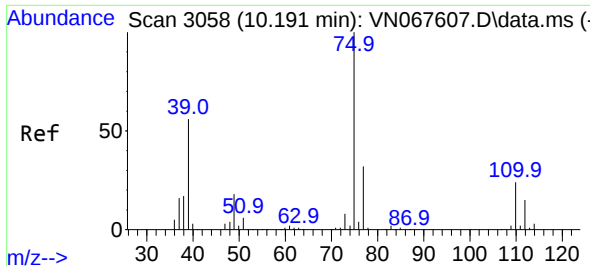
Tgt Ion: 92 Resp: 10229  
Ion Ratio Lower Upper  
92 100  
91 182.3 139.6 209.4



#53  
t-1,3-Dichloropropene  
Concen: 0.619 ug/l  
RT: 10.722 min Scan# 3256  
Delta R.T. 0.000 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion: 75 Resp: 4742  
Ion Ratio Lower Upper  
75 100  
77 38.0 25.1 37.7#

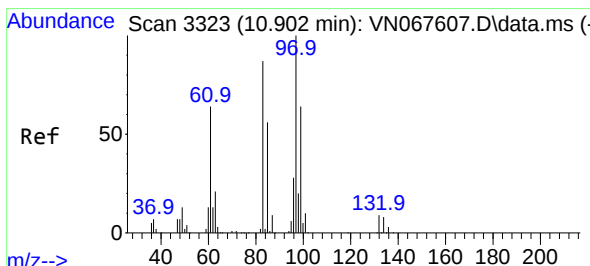
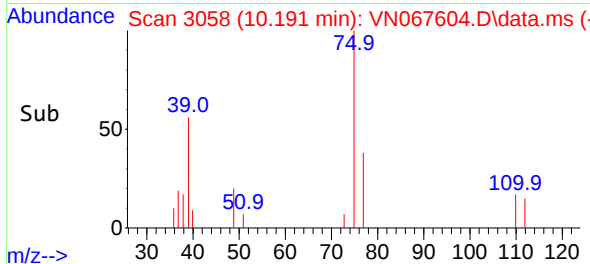
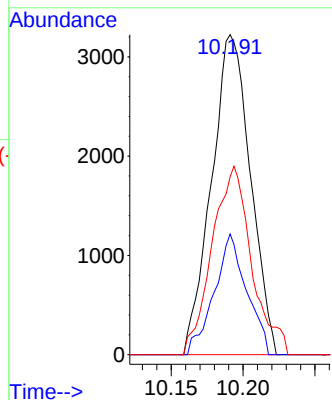
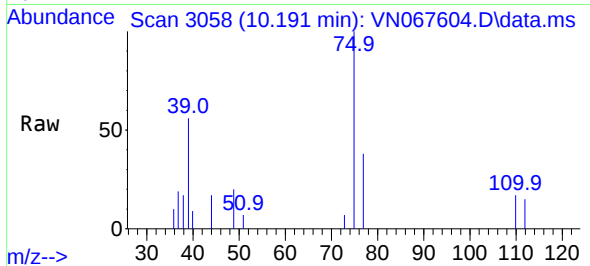




#54  
cis-1,3-Dichloropropene  
Concen: 0.746 ug/l  
RT: 10.191 min Scan# 3058  
Delta R.T. 0.000 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

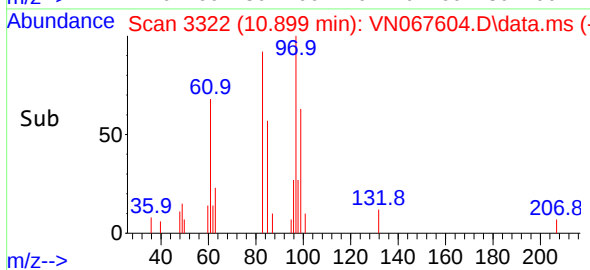
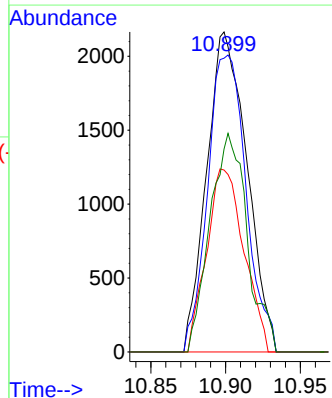
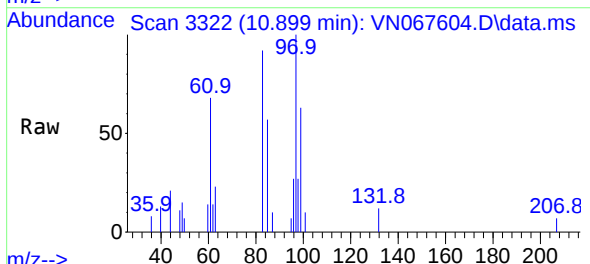
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

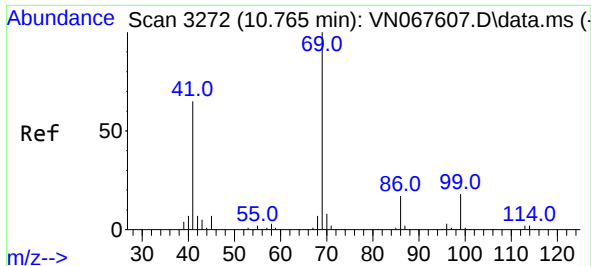
Tgt Ion: 75 Resp: 6071  
Ion Ratio Lower Upper  
75 100  
77 37.7 24.6 37.0#  
39 55.6 50.7 76.1



#55  
1,1,2-Trichloroethane  
Concen: 0.779 ug/l  
RT: 10.899 min Scan# 3322  
Delta R.T. -0.003 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion: 97 Resp: 4048  
Ion Ratio Lower Upper  
97 100  
83 91.8 72.0 108.0  
85 56.9 46.8 70.2  
99 63.4 49.8 74.6

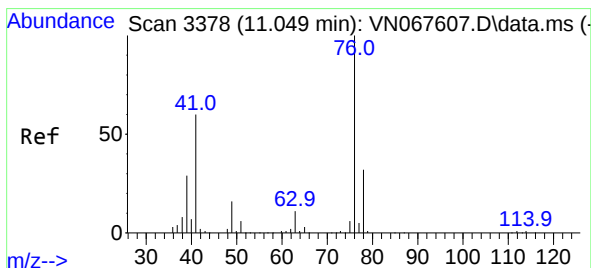
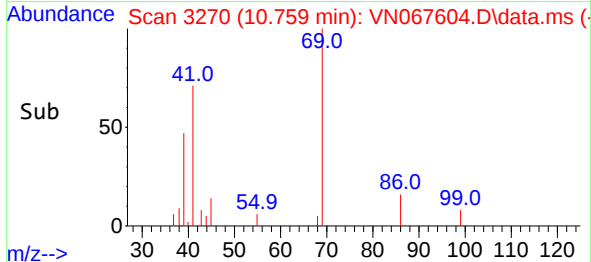
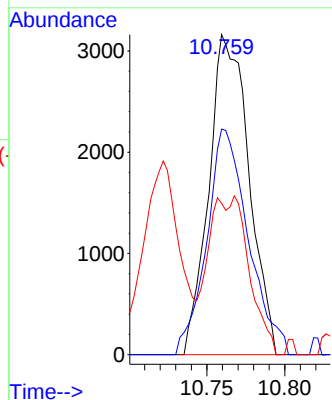
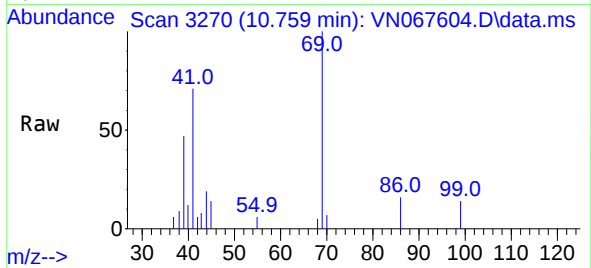




#56  
Ethyl methacrylate  
Concen: 0.713 ug/l  
RT: 10.759 min Scan# 3270  
Delta R.T. -0.005 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

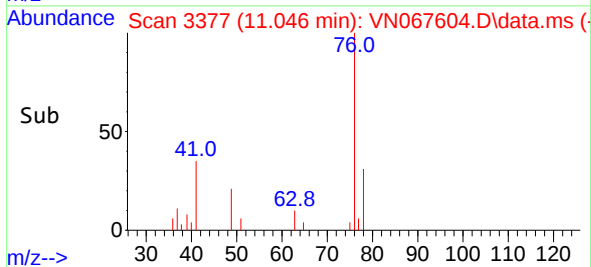
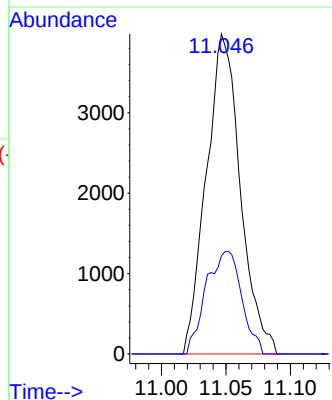
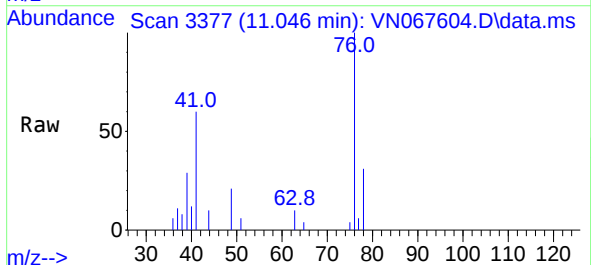
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

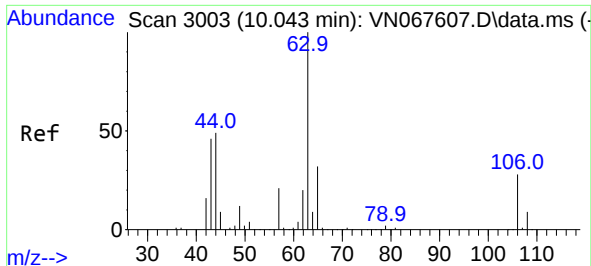
Tgt Ion: 69 Resp: 5655  
Ion Ratio Lower Upper  
69 100  
41 73.2 58.6 88.0  
39 13.5 38.3 57.5#



#57  
1,3-Dichloropropane  
Concen: 0.861 ug/l  
RT: 11.046 min Scan# 3377  
Delta R.T. -0.003 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion: 76 Resp: 7303  
Ion Ratio Lower Upper  
76 100  
78 33.6 25.7 38.5

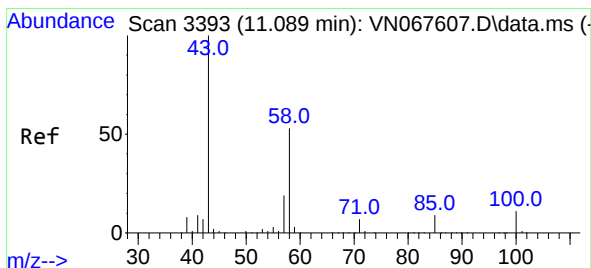
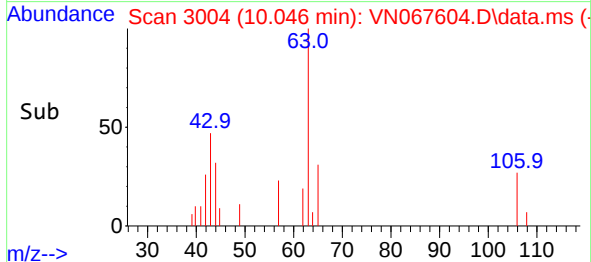
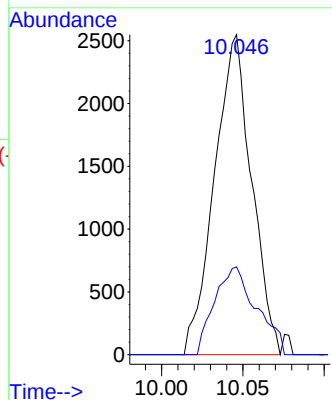
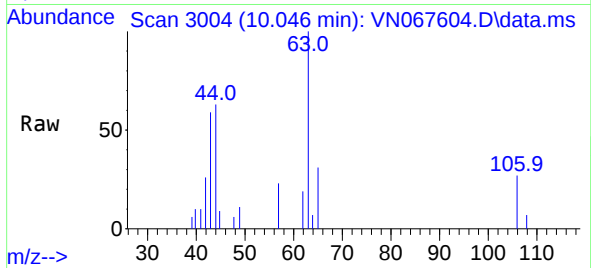




#58  
2-Chloroethyl Vinyl ether  
Concen: 2.601 ug/l  
RT: 10.046 min Scan# 3004  
Delta R.T. 0.003 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

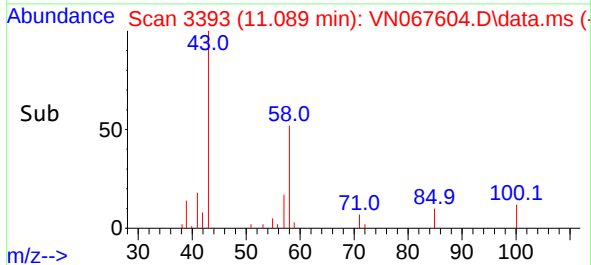
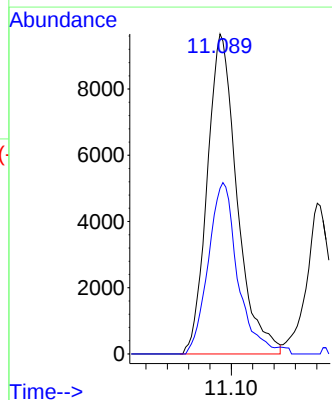
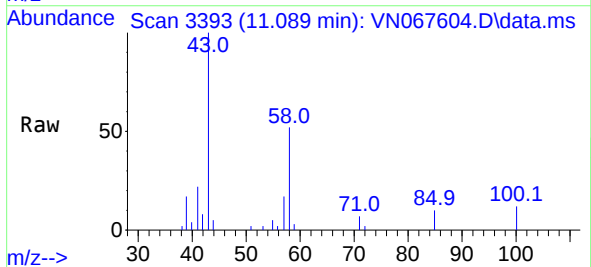
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

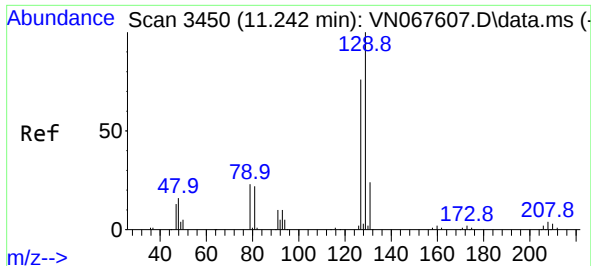
Tgt Ion: 63 Resp: 4049  
Ion Ratio Lower Upper  
63 100  
106 31.0 19.8 29.8#



#59  
2-Hexanone  
Concen: 4.052 ug/l  
RT: 11.089 min Scan# 3393  
Delta R.T. 0.000 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion: 43 Resp: 18692  
Ion Ratio Lower Upper  
43 100  
58 52.5 24.7 74.1

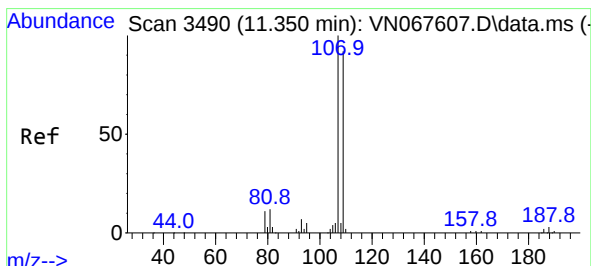
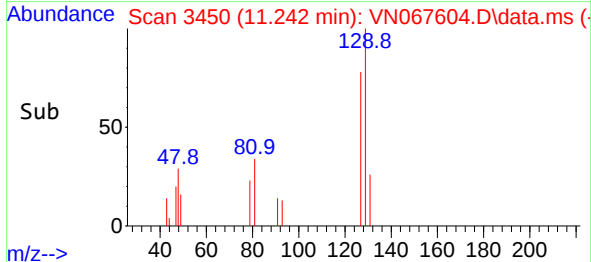
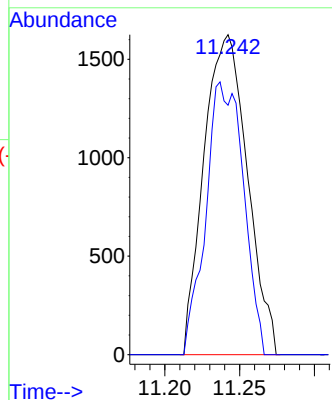
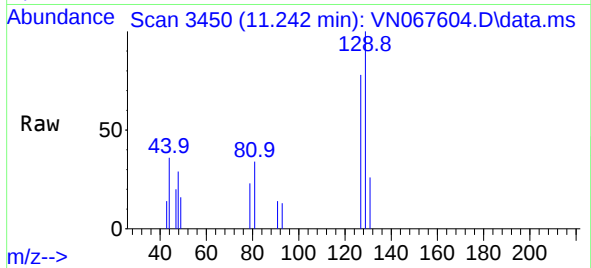




#60  
Dibromochloromethane  
Concen: 0.597 ug/l  
RT: 11.242 min Scan# 3450  
Delta R.T. 0.000 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

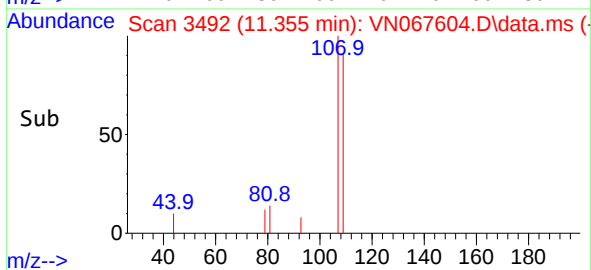
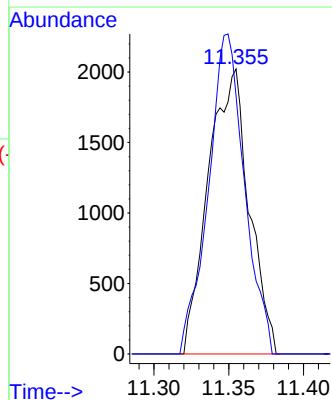
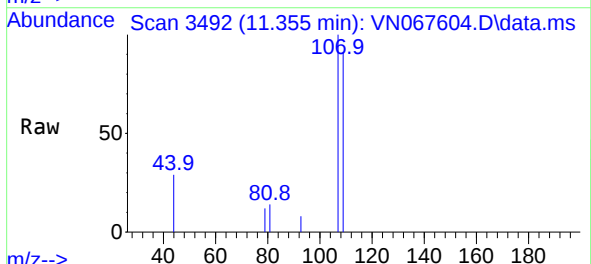
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

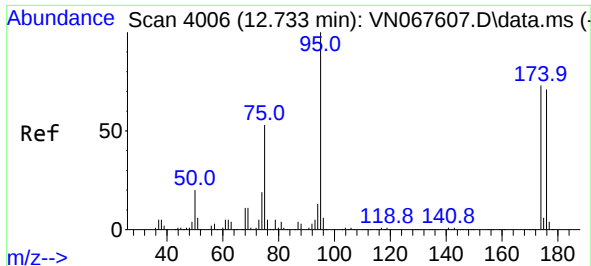
Tgt Ion:129 Resp: 3281  
Ion Ratio Lower Upper  
129 100  
127 73.8 38.6 115.8



#61  
1,2-Dibromoethane  
Concen: 0.718 ug/l  
RT: 11.355 min Scan# 3492  
Delta R.T. 0.005 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion:107 Resp: 3840  
Ion Ratio Lower Upper  
107 100  
109 99.3 75.0 112.4

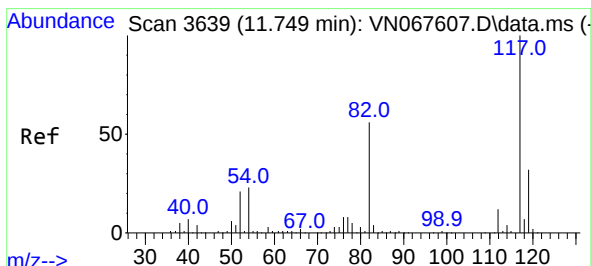
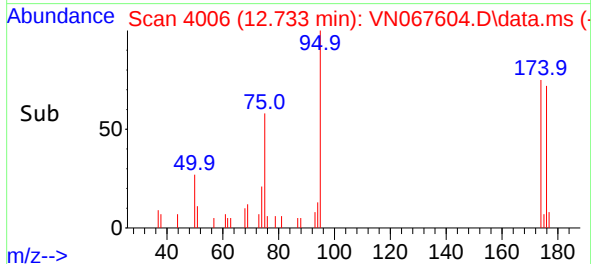
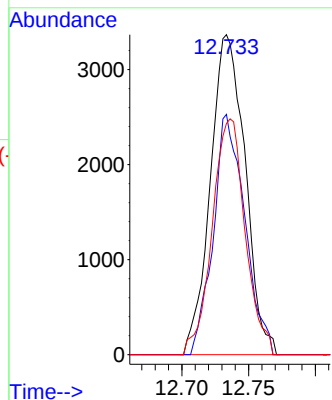
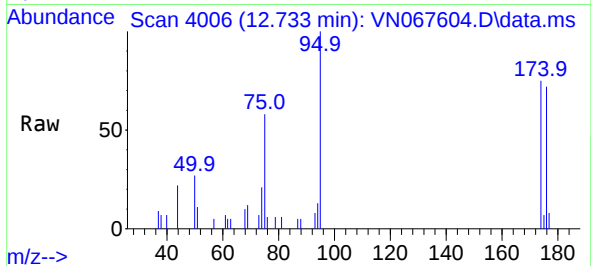




#62  
4-Bromofluorobenzene  
Concen: 0.909 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. 0.000 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

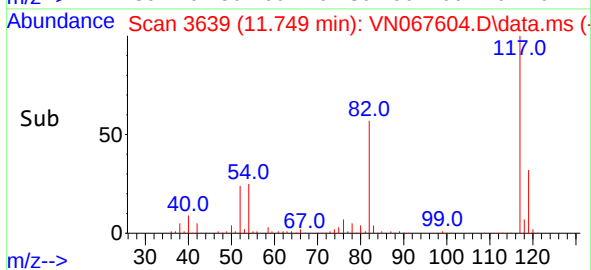
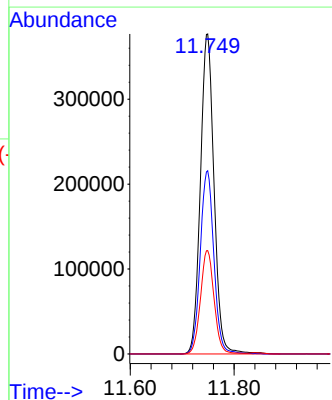
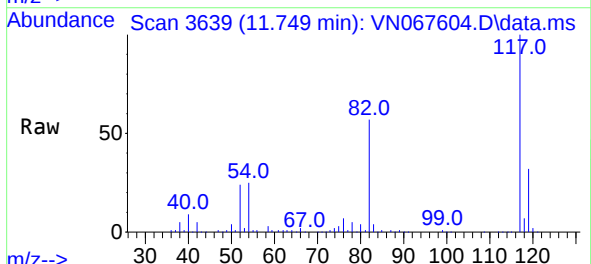
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

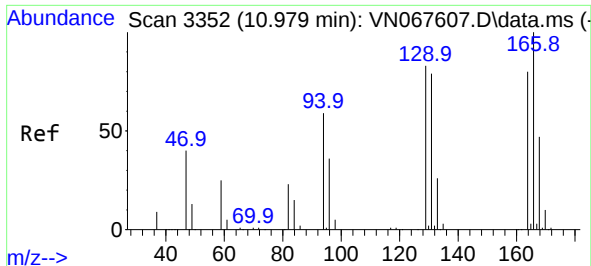
Tgt Ion: 95 Resp: 6096  
Ion Ratio Lower Upper  
95 100  
174 68.2 0.0 122.0  
176 69.9 0.0 117.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.749 min Scan# 3639  
Delta R.T. 0.000 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion: 117 Resp: 687323  
Ion Ratio Lower Upper  
117 100  
82 57.2 53.1 79.7  
119 32.3 25.5 38.3

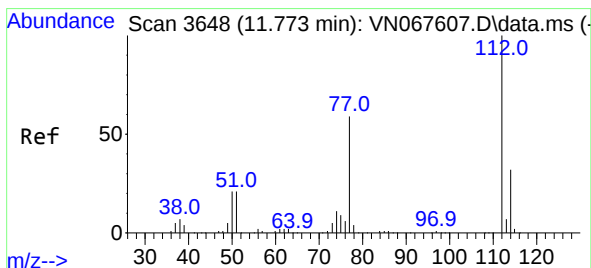
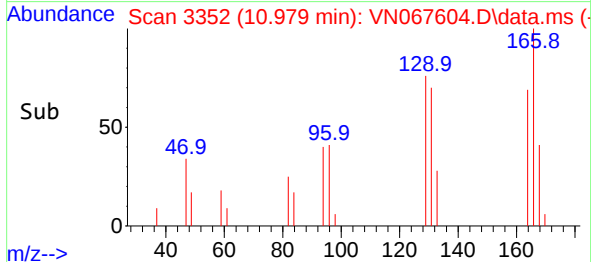
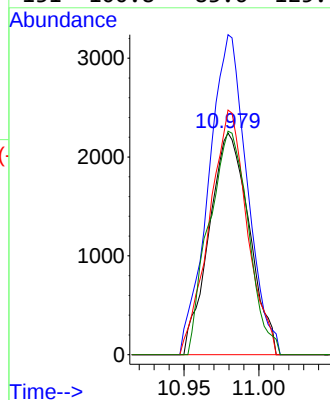
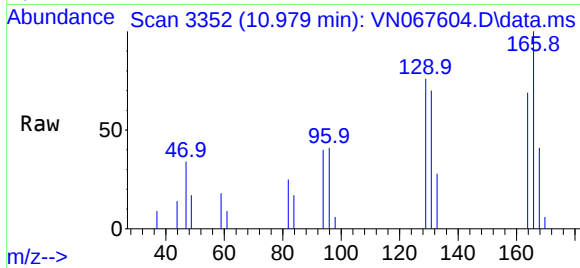




#64  
Tetrachloroethene  
Concen: 0.870 ug/l  
RT: 10.979 min Scan# 3352  
Delta R.T. 0.000 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

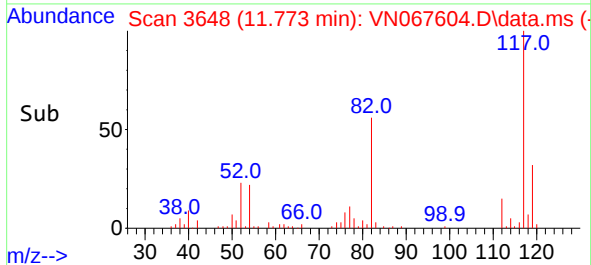
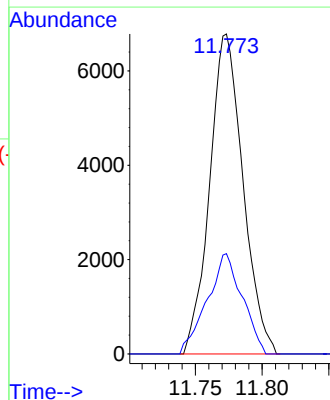
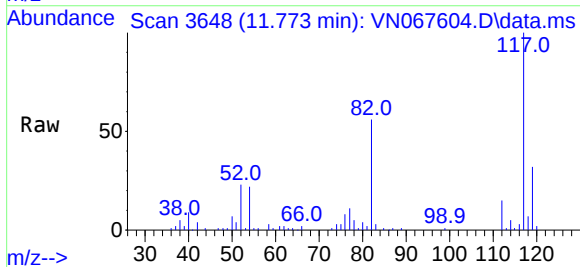
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

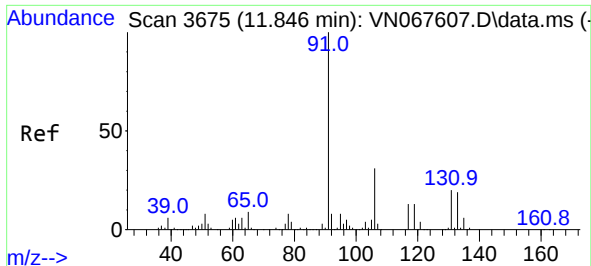
Tgt Ion:164 Resp: 4181  
Ion Ratio Lower Upper  
164 100  
166 144.4 102.1 153.1  
129 110.4 86.9 130.3  
131 100.8 83.6 125.4



#65  
Chlorobenzene  
Concen: 0.832 ug/l  
RT: 11.773 min Scan# 3648  
Delta R.T. 0.000 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion:112 Resp: 11775  
Ion Ratio Lower Upper  
112 100  
114 31.4 24.6 37.0

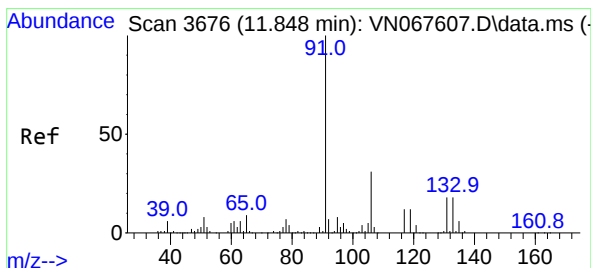
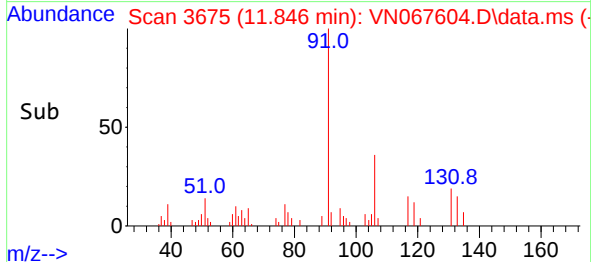
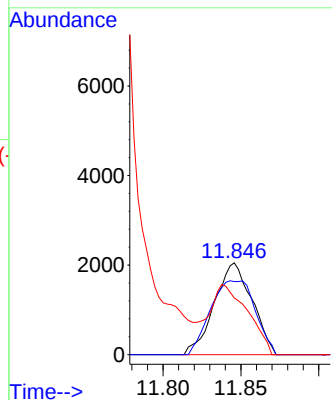
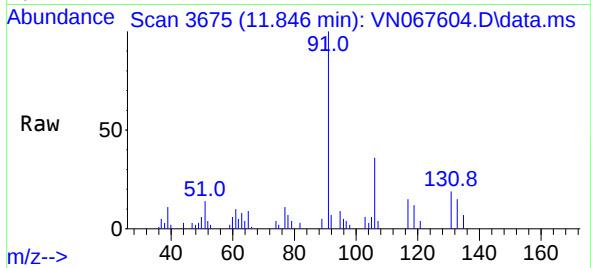




#66  
1,1,1,2-Tetrachloroethane  
Concen: 0.682 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. 0.000 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

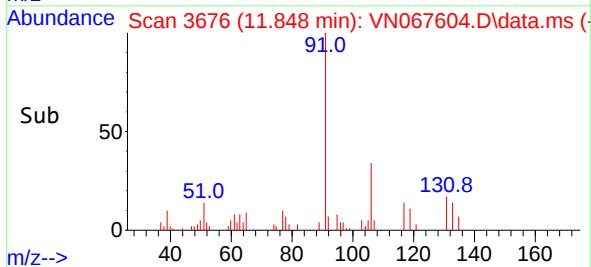
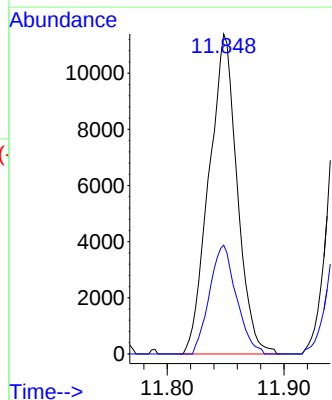
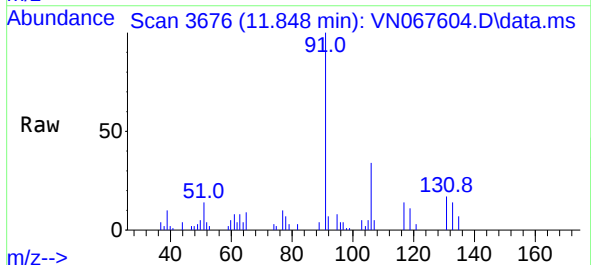
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

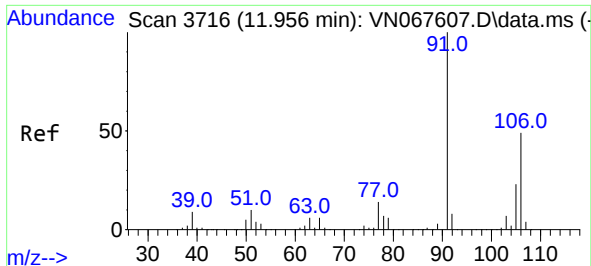
Tgt Ion:131 Resp: 3456  
Ion Ratio Lower Upper  
131 100  
133 95.3 47.5 142.5  
119 0.0 33.1 99.3#



#67  
Ethyl Benzene  
Concen: 0.743 ug/l  
RT: 11.848 min Scan# 3676  
Delta R.T. 0.000 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion: 91 Resp: 19098  
Ion Ratio Lower Upper  
91 100  
106 34.0 23.4 35.0

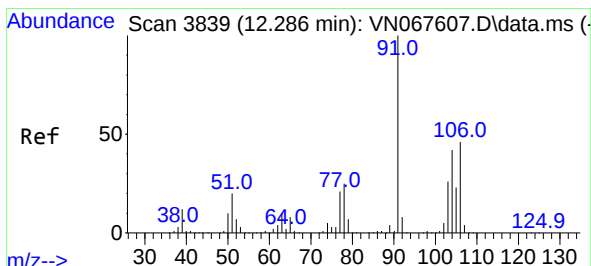
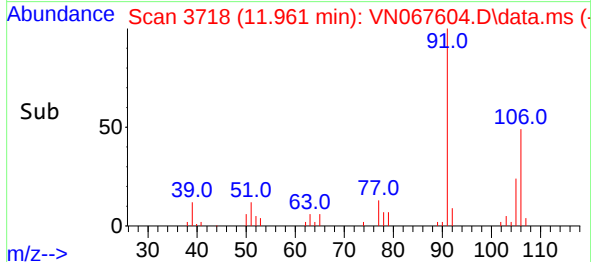
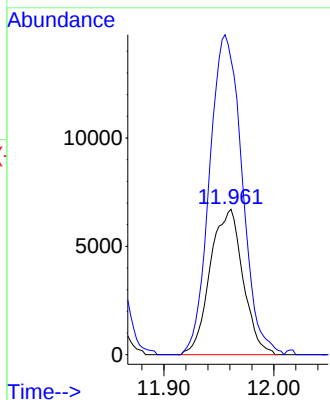
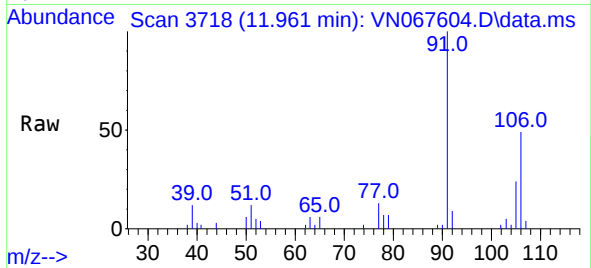




#68  
m/p-Xylenes  
Concen: 1.397 ug/l  
RT: 11.961 min Scan# 3718  
Delta R.T. 0.005 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

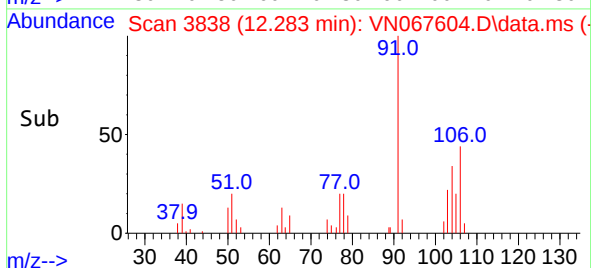
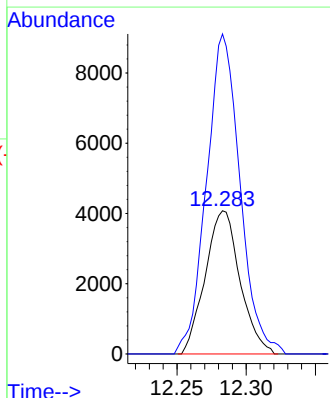
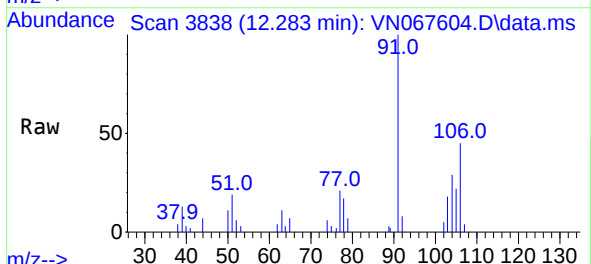
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

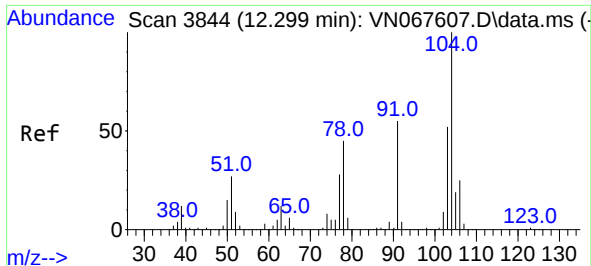
Tgt Ion:106 Resp: 13876  
Ion Ratio Lower Upper  
106 100  
91 218.7 180.6 270.8



#69  
o-Xylene  
Concen: 0.727 ug/l  
RT: 12.283 min Scan# 3838  
Delta R.T. -0.003 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion:106 Resp: 7126  
Ion Ratio Lower Upper  
106 100  
91 214.9 118.3 354.9

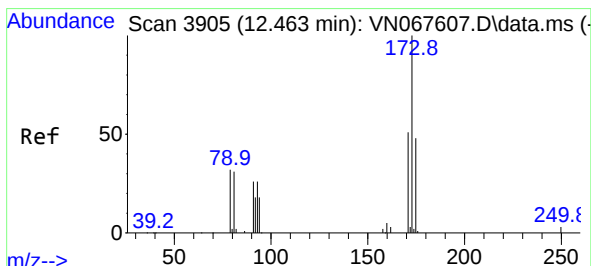
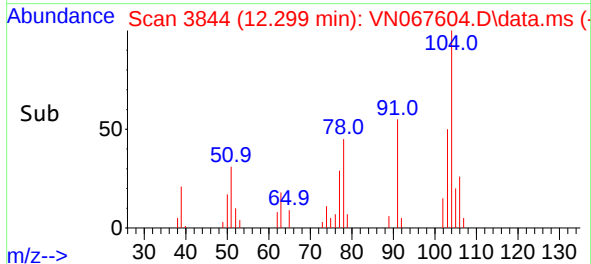
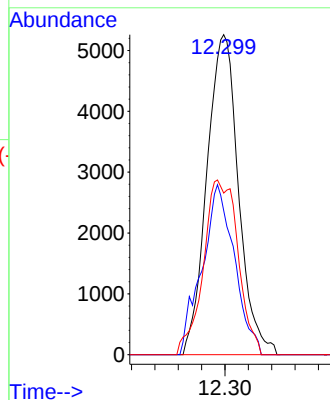
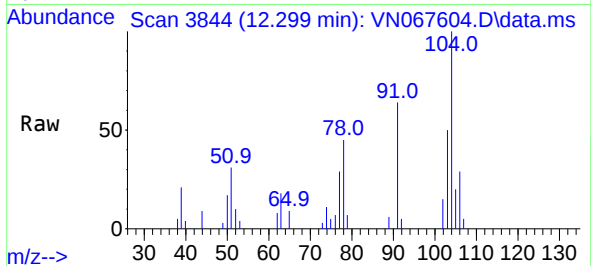




#70  
Styrene  
Concen: 0.623 ug/l  
RT: 12.299 min Scan# 3844  
Delta R.T. 0.000 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

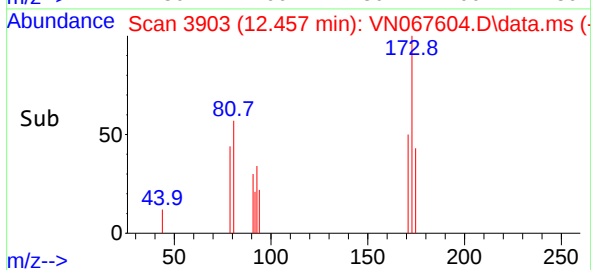
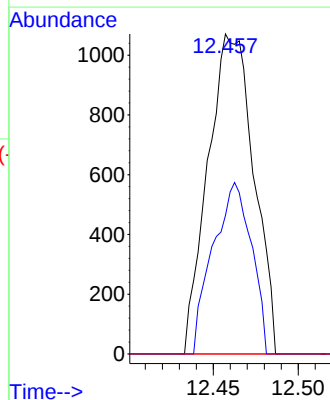
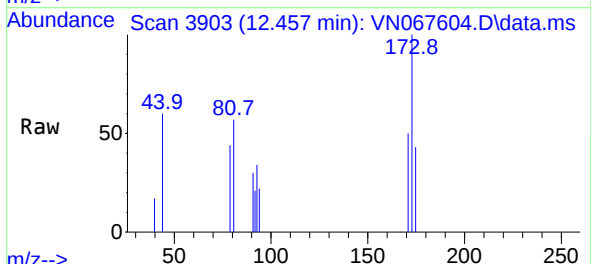
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

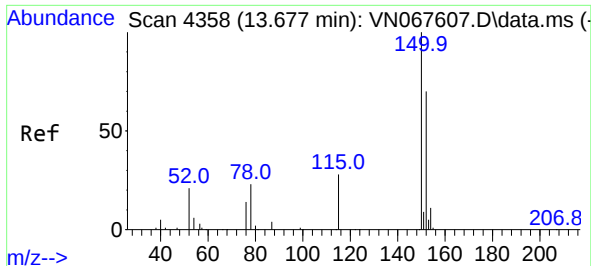
Tgt Ion:104 Resp: 9894  
Ion Ratio Lower Upper  
104 100  
78 54.4 48.2 72.2  
103 59.6 44.5 66.7



#71  
Bromoform  
Concen: 0.563 ug/l  
RT: 12.457 min Scan# 3903  
Delta R.T. -0.005 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion:173 Resp: 2007  
Ion Ratio Lower Upper  
173 100  
175 45.1 23.9 71.8  
254 0.0 0.0 0.0

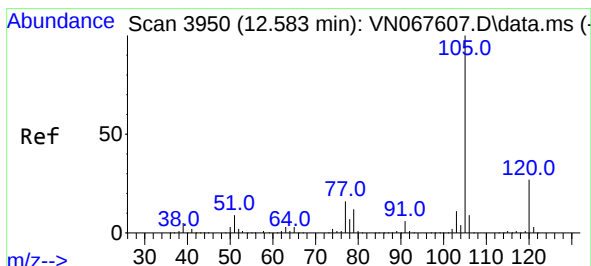
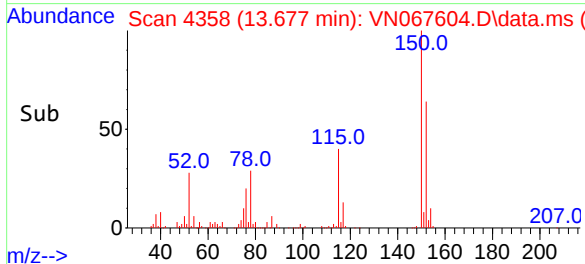
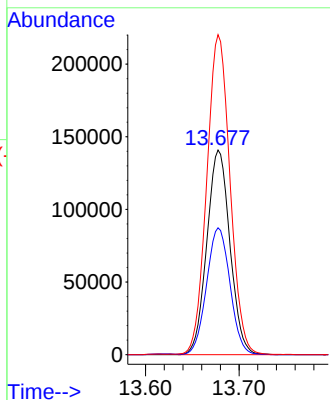
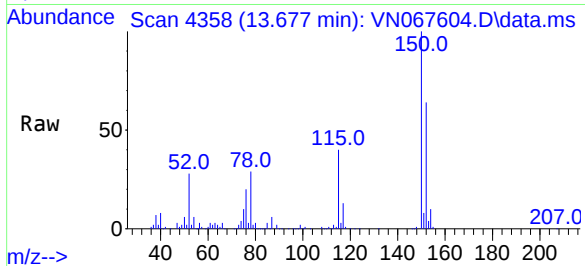




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.677 min Scan# 4358  
Delta R.T. 0.000 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

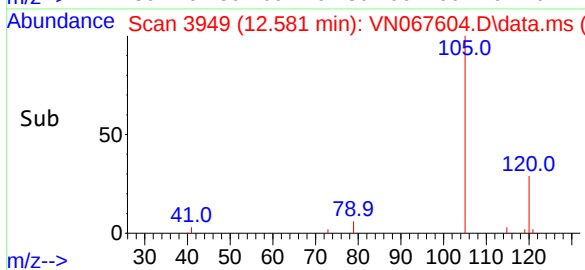
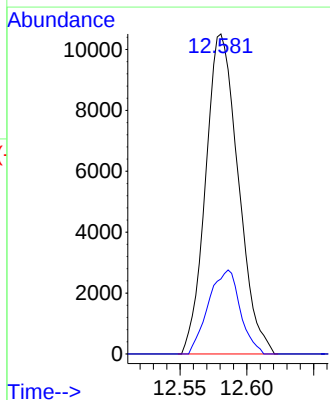
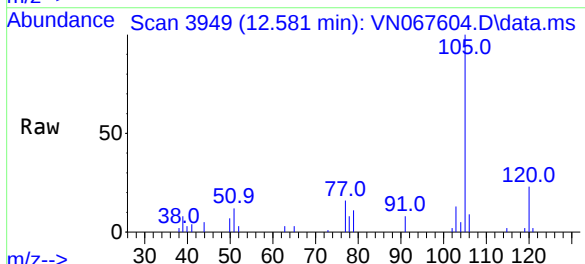
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

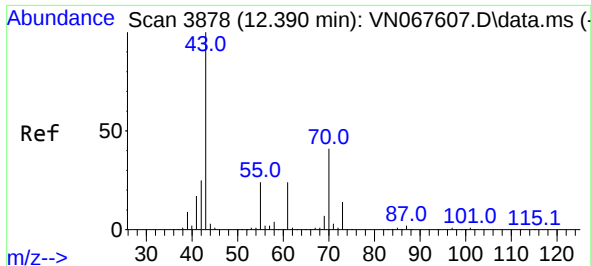
Tgt Ion:152 Resp: 242169  
Ion Ratio Lower Upper  
152 100  
115 62.9 36.1 108.5  
150 156.9 0.0 351.8



#73  
Isopropylbenzene  
Concen: 0.877 ug/l  
RT: 12.581 min Scan# 3949  
Delta R.T. -0.003 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion:105 Resp: 17855  
Ion Ratio Lower Upper  
105 100  
120 25.4 12.5 37.5



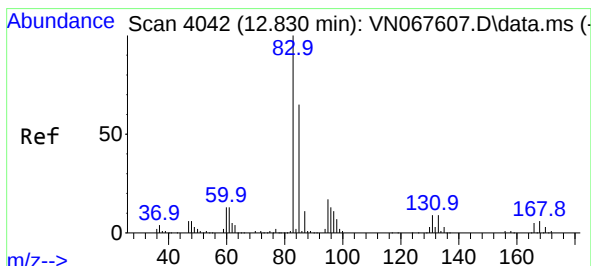
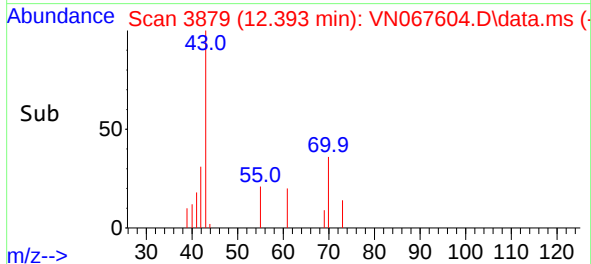
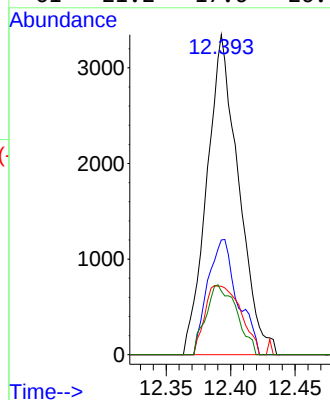
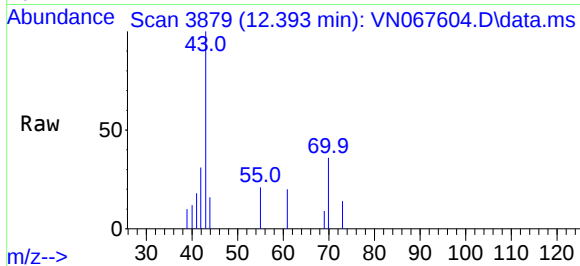


#74  
N-amy1 acetate  
Concen: 0.849 ug/l  
RT: 12.393 min Scan# 3879  
Delta R.T. 0.003 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion: 43 Resp: 5729

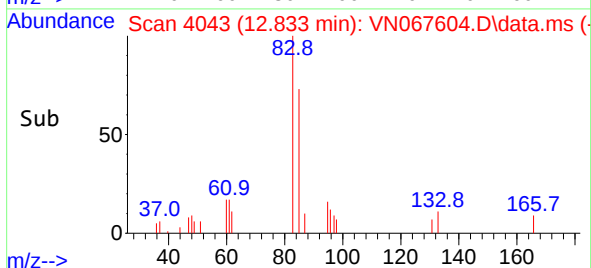
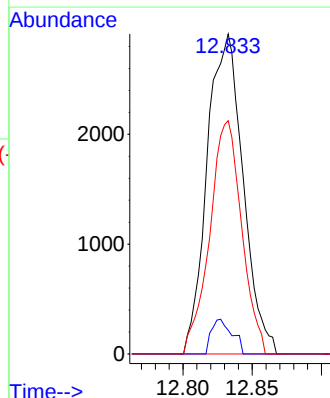
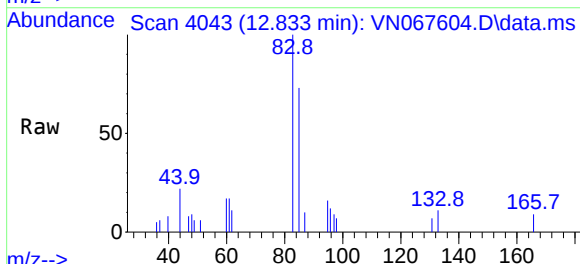
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 70  | 33.8  | 29.4  | 44.2  |
| 55  | 24.2  | 17.0  | 25.4  |
| 61  | 21.2  | 17.6  | 26.4  |

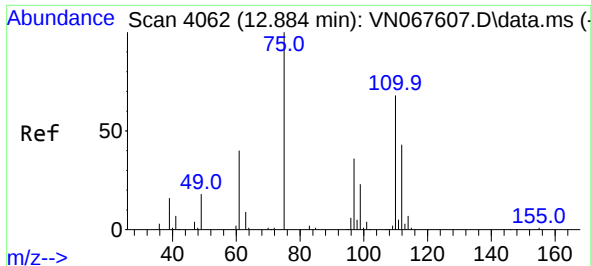


#75  
1,1,2,2-Tetrachloroethane  
Concen: 0.911 ug/l  
RT: 12.833 min Scan# 4043  
Delta R.T. 0.003 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion: 83 Resp: 5249

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 6.2   | 4.8   | 14.4  |
| 85  | 65.0  | 32.2  | 96.6  |

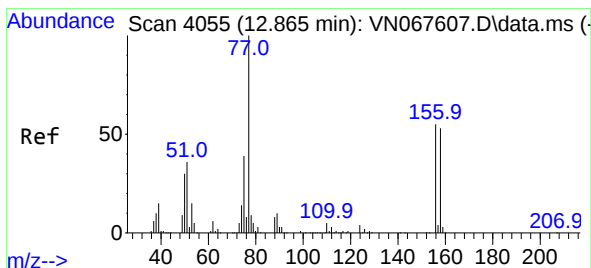
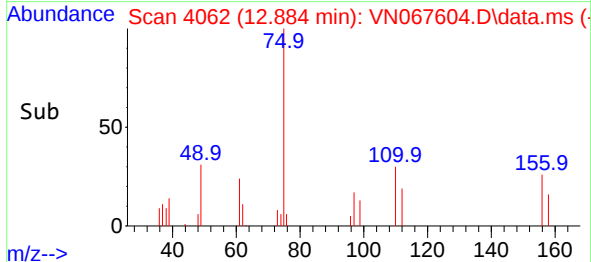
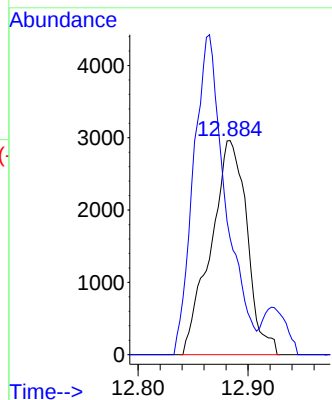
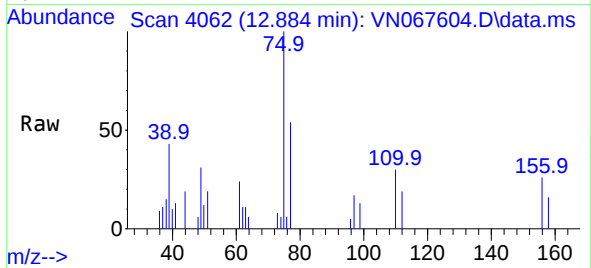




#76  
1,2,3-Trichloropropane  
Concen: 1.411 ug/l  
RT: 12.884 min Scan# 4062  
Delta R.T. 0.000 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

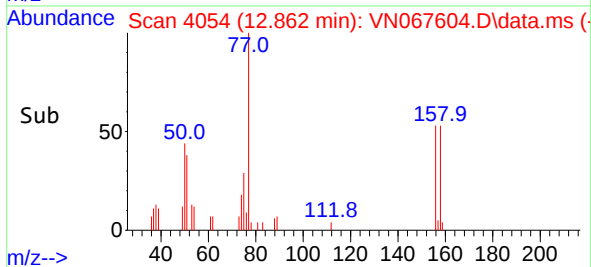
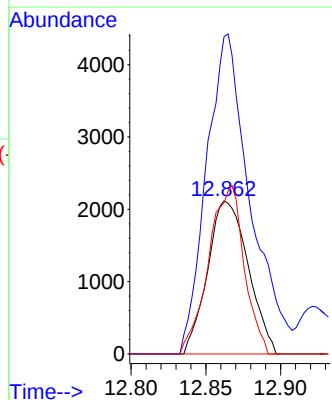
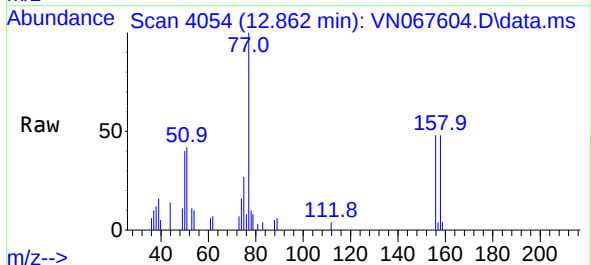
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ClientSampled :  
VSTDIC001

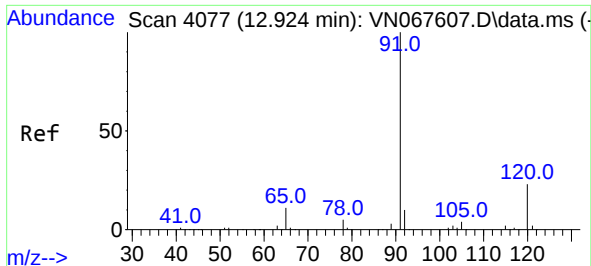
Tgt Ion: 75 Resp: 6774  
Ion Ratio Lower Upper  
75 100  
77 133.0 0.0 0.0#



#77  
Bromobenzene  
Concen: 0.888 ug/l  
RT: 12.862 min Scan# 4054  
Delta R.T. -0.003 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion:156 Resp: 3998  
Ion Ratio Lower Upper  
156 100  
77 225.3 136.2 408.6  
158 95.9 48.4 145.3

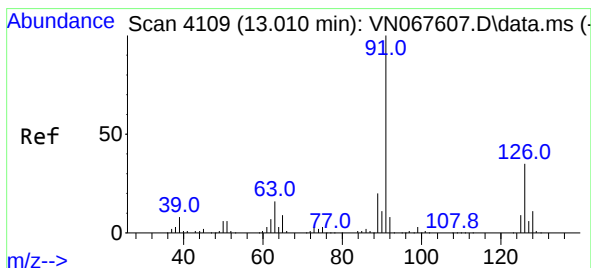
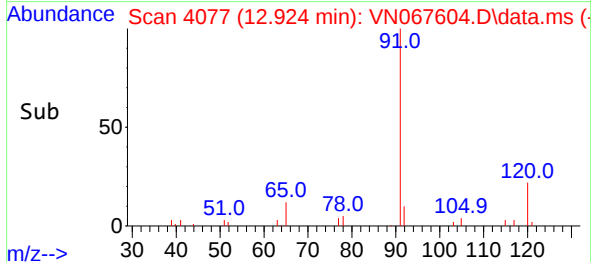
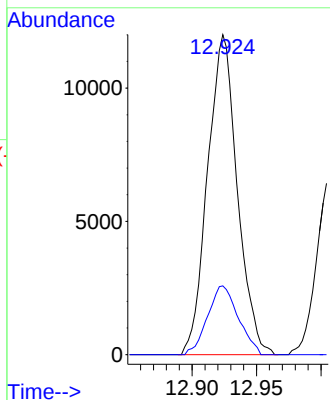
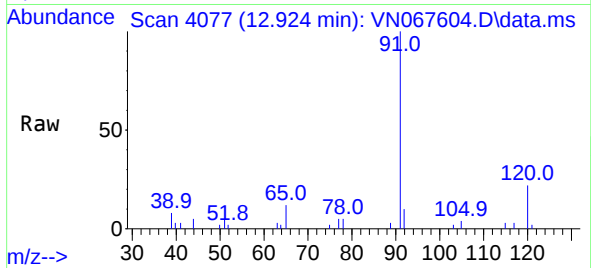




#78  
n-propylbenzene  
Concen: 0.848 ug/l  
RT: 12.924 min Scan# 4077  
Delta R.T. 0.000 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

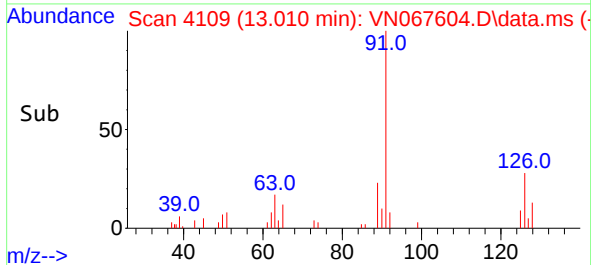
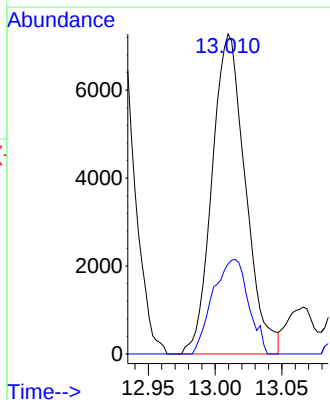
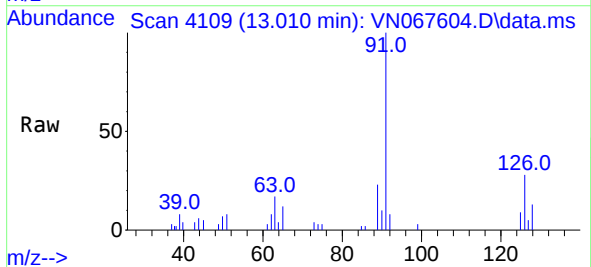
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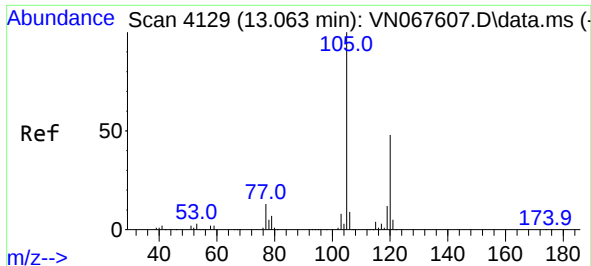
Tgt Ion: 91 Resp: 19272  
Ion Ratio Lower Upper  
91 100  
120 22.2 10.4 31.4



#79  
2-Chlorotoluene  
Concen: 0.906 ug/l  
RT: 13.010 min Scan# 4109  
Delta R.T. 0.000 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion: 91 Resp: 12610  
Ion Ratio Lower Upper  
91 100  
126 31.5 14.5 43.5

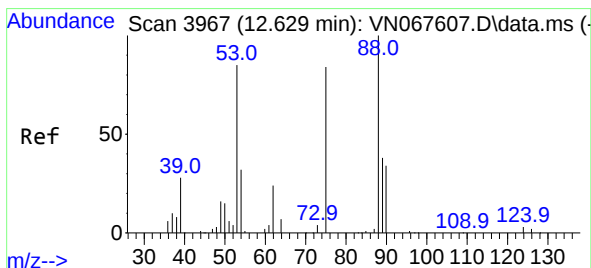
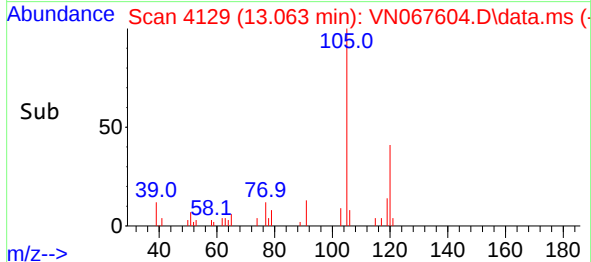
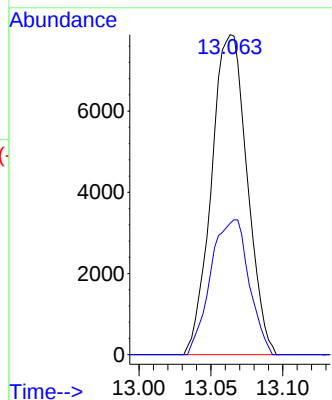
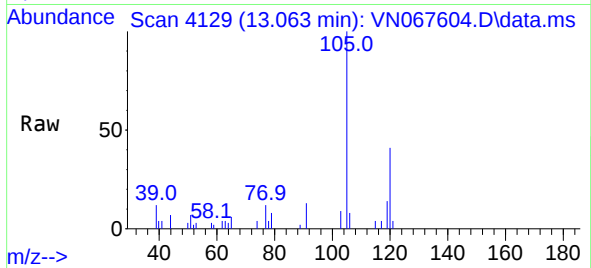




#80  
1,3,5-Trimethylbenzene  
Concen: 0.814 ug/l  
RT: 13.063 min Scan# 4129  
Delta R.T. 0.000 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

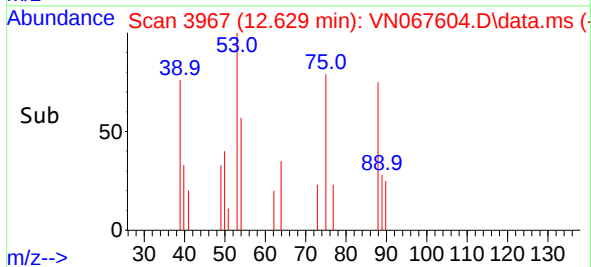
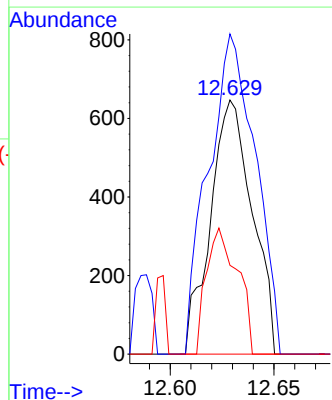
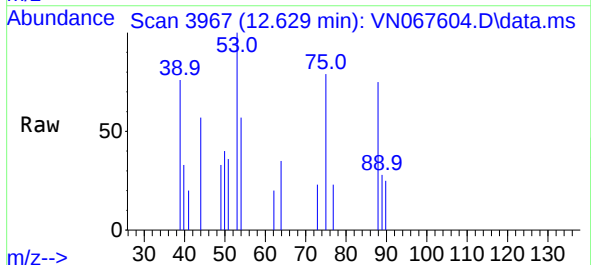
Instrument :  
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ClientSampleId :  
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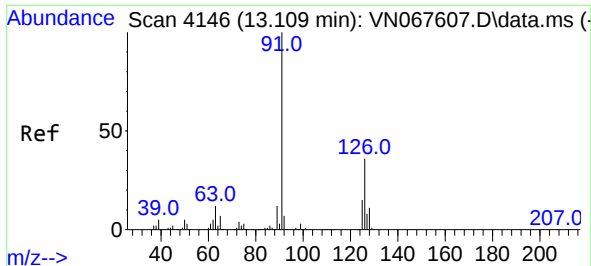
Tgt Ion:105 Resp: 13592  
Ion Ratio Lower Upper  
105 100  
120 45.2 22.2 66.6



#81  
trans-1,4-Dichloro-2-butene  
Concen: 0.545 ug/l  
RT: 12.629 min Scan# 3967  
Delta R.T. 0.000 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion: 75 Resp: 908  
Ion Ratio Lower Upper  
75 100  
53 141.7 87.6 131.4#  
89 36.9 37.8 56.8#

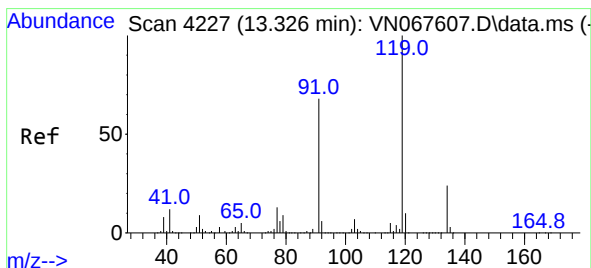
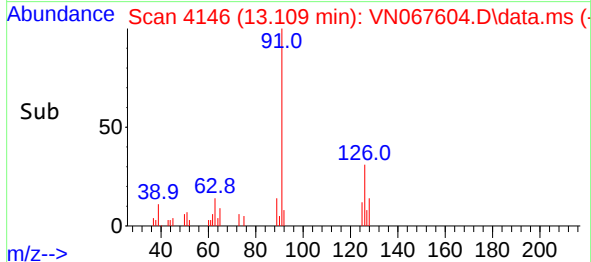
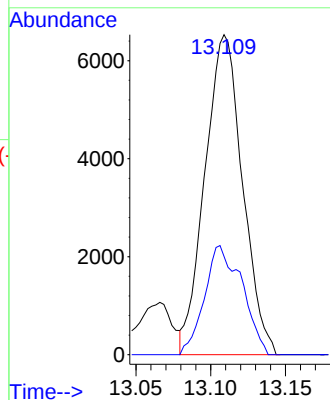
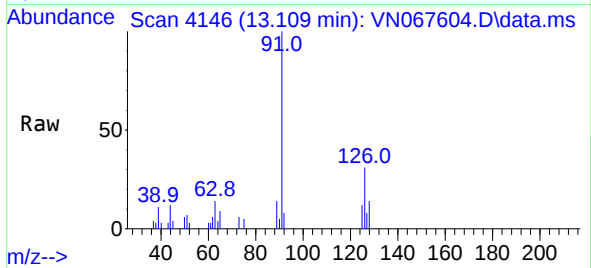




#82  
4-Chlorotoluene  
Concen: 0.840 ug/l  
RT: 13.109 min Scan# 4146  
Delta R.T. 0.000 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

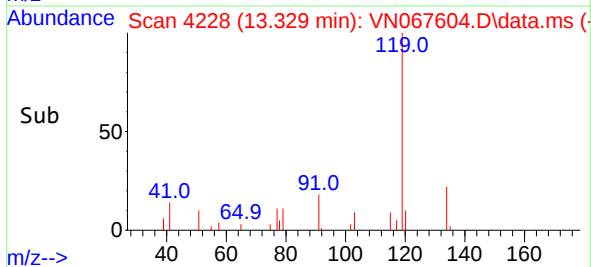
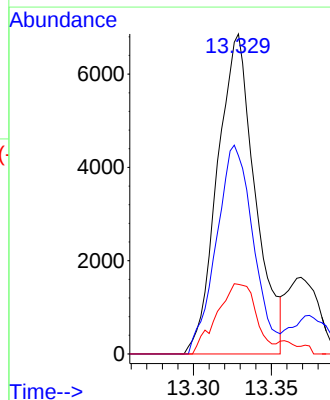
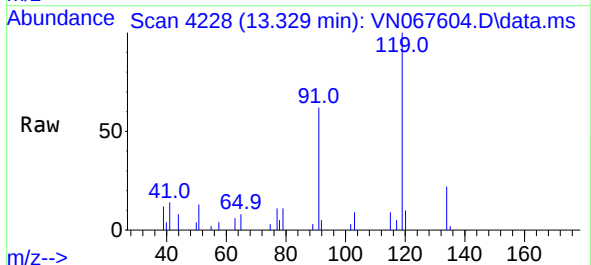
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

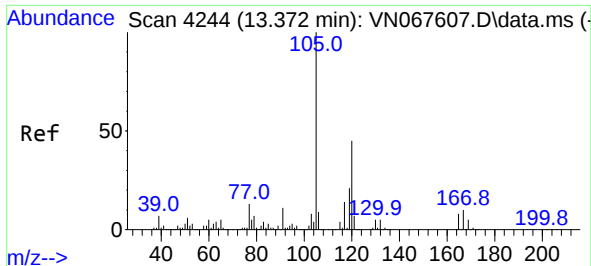
Tgt Ion: 91 Resp: 11434  
Ion Ratio Lower Upper  
91 100  
126 34.0 14.8 44.4



#83  
tert-Butylbenzene  
Concen: 0.798 ug/l  
RT: 13.329 min Scan# 4228  
Delta R.T. 0.003 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion: 119 Resp: 11518  
Ion Ratio Lower Upper  
119 100  
91 64.5 39.5 118.5  
134 22.7 12.0 36.0

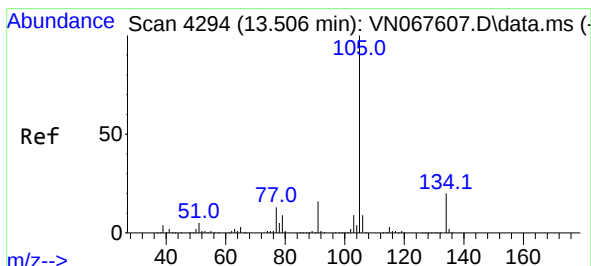
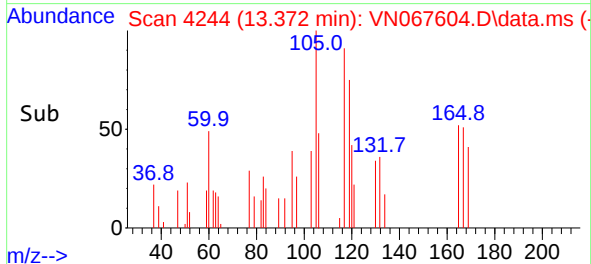
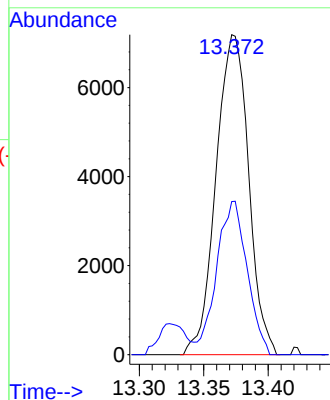
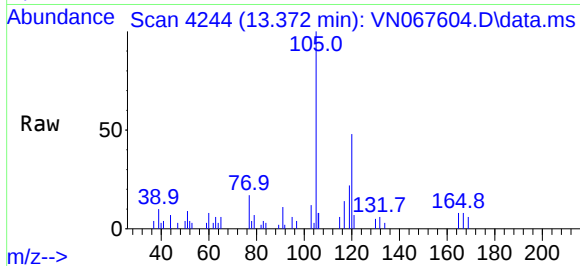




#84  
1,2,4-Trimethylbenzene  
Concen: 0.768 ug/l  
RT: 13.372 min Scan# 4244  
Delta R.T. 0.000 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

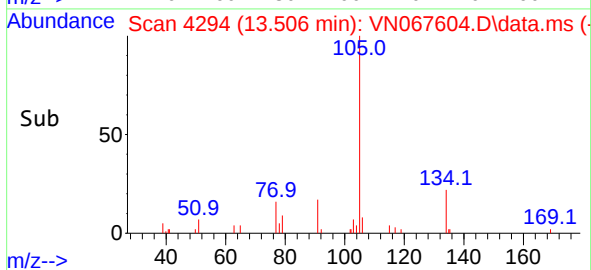
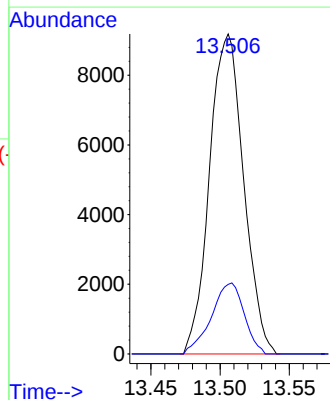
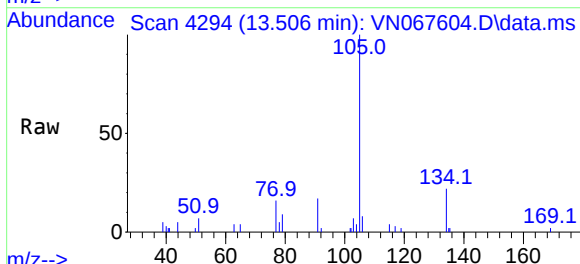
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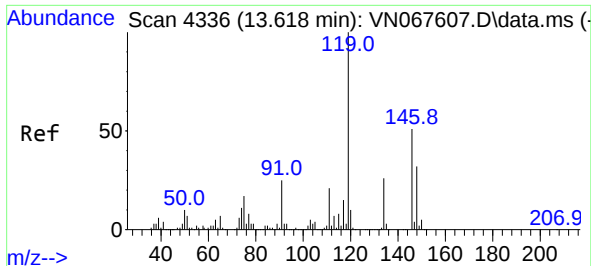
Tgt Ion:105 Resp: 12630  
Ion Ratio Lower Upper  
105 100  
120 45.0 20.6 61.8



#85  
sec-Butylbenzene  
Concen: 0.794 ug/l  
RT: 13.506 min Scan# 4294  
Delta R.T. 0.000 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion:105 Resp: 15728  
Ion Ratio Lower Upper  
105 100  
134 21.4 9.0 27.1

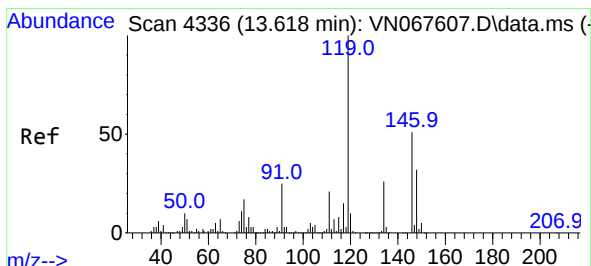
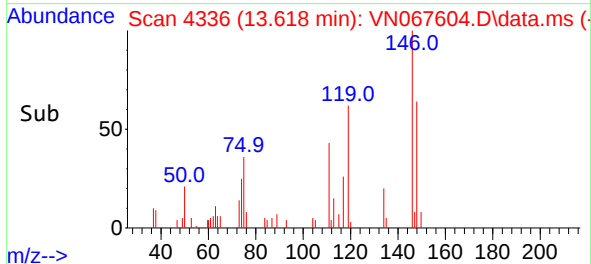
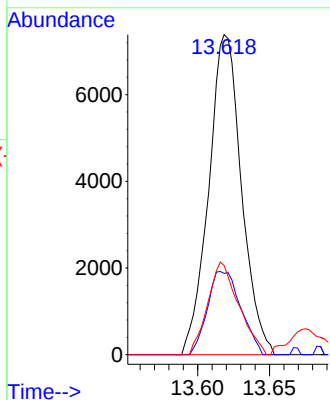
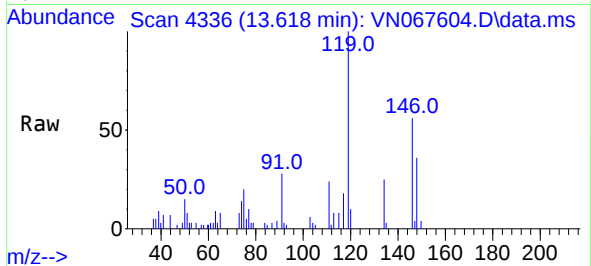




#86  
p-Isopropyltoluene  
Concen: 0.736 ug/l  
RT: 13.618 min Scan# 4336  
Delta R.T. 0.000 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

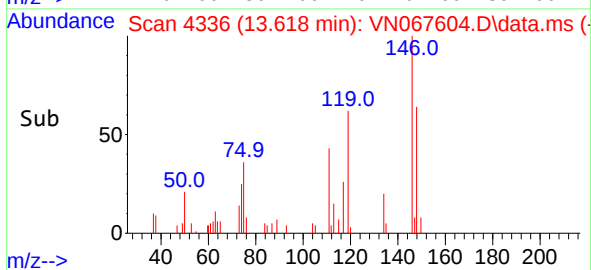
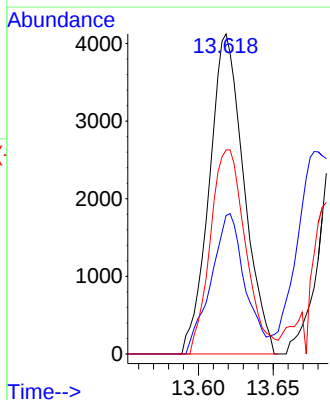
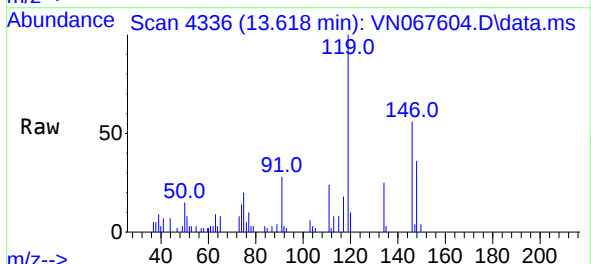
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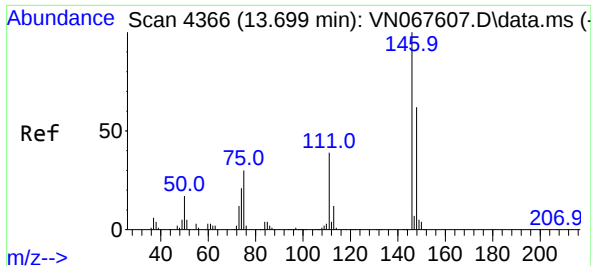
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 119   | Resp: | 11697 |
| Ion      | Ratio | Lower | Upper |
| 119      | 100   |       |       |
| 134      | 26.5  | 12.4  | 37.4  |
| 91       | 27.4  | 14.8  | 44.3  |



#87  
1,3-Dichlorobenzene  
Concen: 0.794 ug/l  
RT: 13.618 min Scan# 4336  
Delta R.T. 0.000 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 6647  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 43.6  | 24.3  | 72.8  |
| 148      | 65.4  | 32.0  | 96.0  |

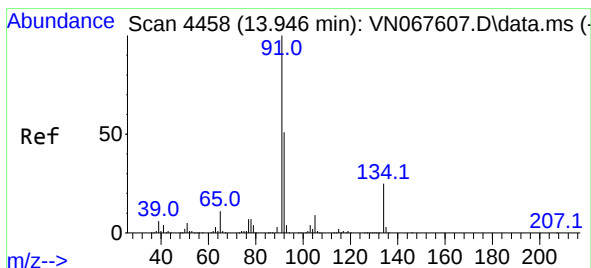
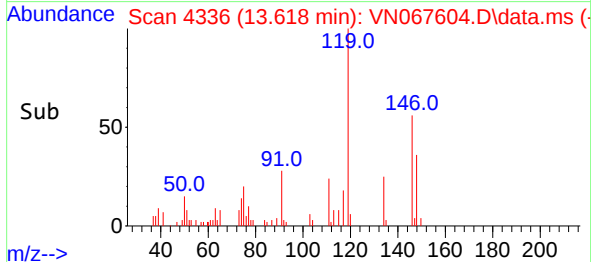
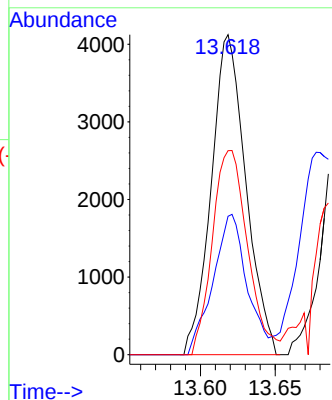
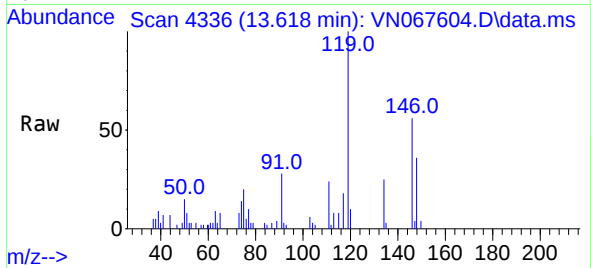




#88  
1,4-Dichlorobenzene  
Concen: 0.801 ug/l  
RT: 13.618 min Scan# 4336  
Delta R.T. -0.080 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

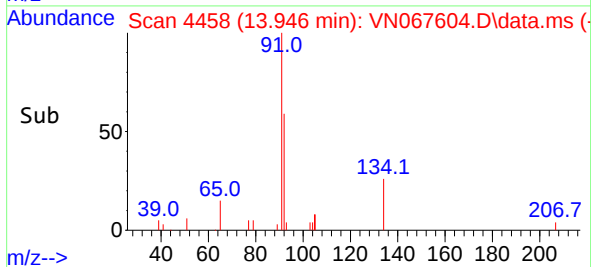
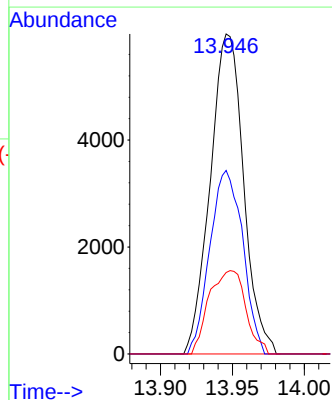
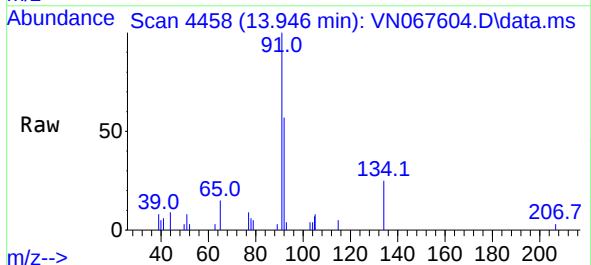
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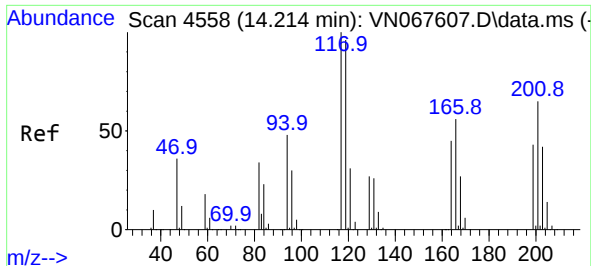
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 6647  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 43.6  | 23.4  | 70.2  |
| 148      | 65.4  | 31.8  | 95.3  |



#89  
n-Butylbenzene  
Concen: 0.733 ug/l  
RT: 13.946 min Scan# 4458  
Delta R.T. 0.000 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 9661  |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 56.5  | 25.7  | 77.1  |
| 134      | 28.6  | 11.2  | 33.6  |

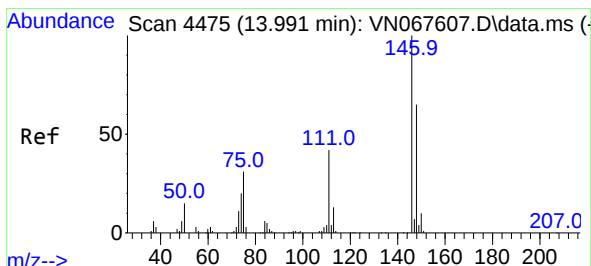
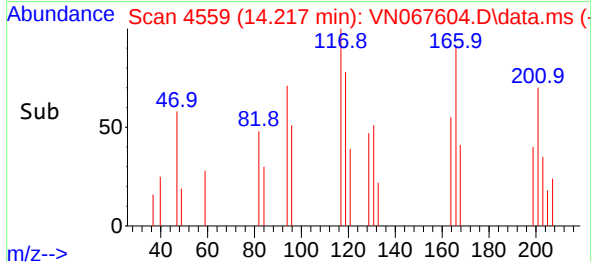
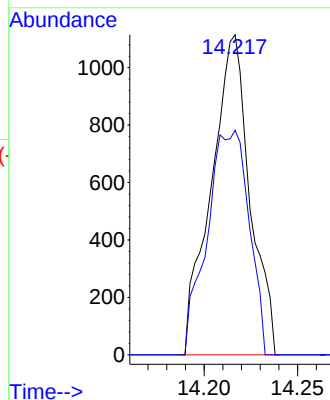
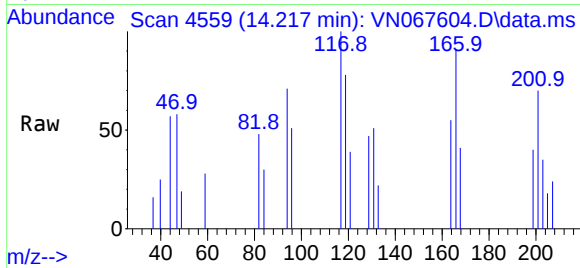




#90  
Hexachloroethane  
Concen: 0.579 ug/l  
RT: 14.217 min Scan# 4559  
Delta R.T. 0.003 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

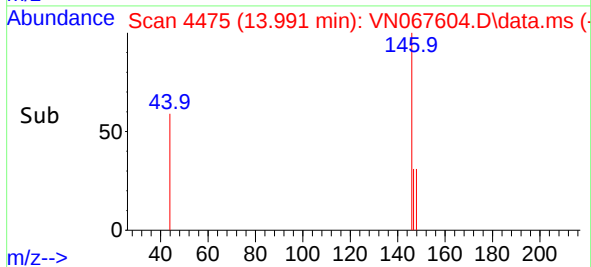
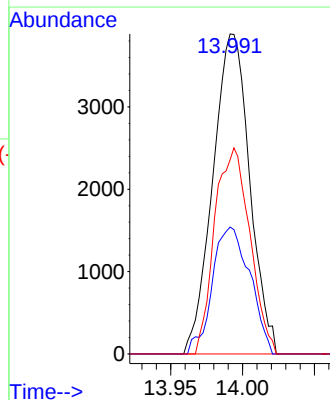
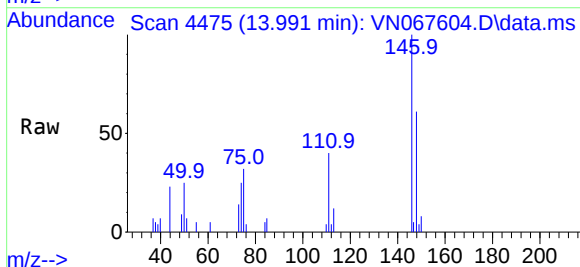
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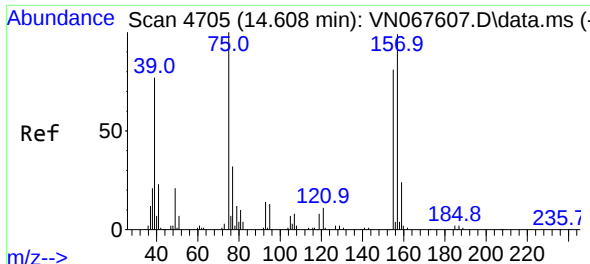
Tgt Ion:117 Resp: 1610  
Ion Ratio Lower Upper  
117 100  
201 75.5 33.5 100.5



#91  
1,2-Dichlorobenzene  
Concen: 0.866 ug/l  
RT: 13.991 min Scan# 4475  
Delta R.T. 0.000 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion:146 Resp: 6916  
Ion Ratio Lower Upper  
146 100  
111 40.5 24.9 74.6  
148 61.6 31.6 95.0

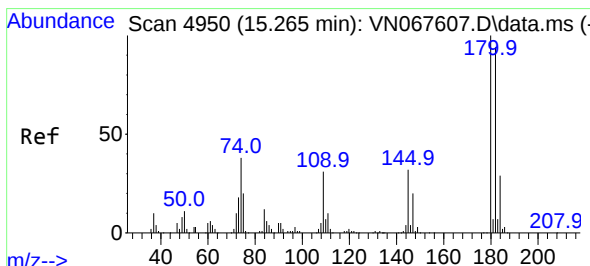
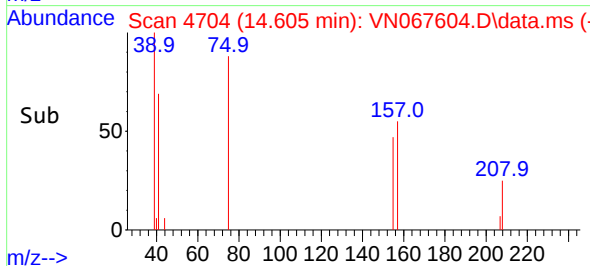
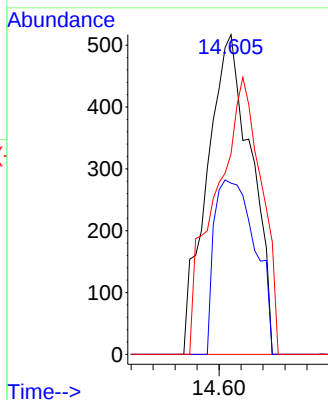
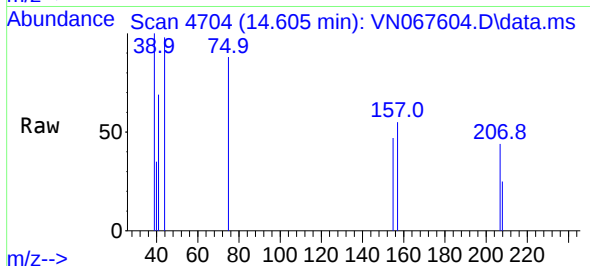




#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.716 ug/l  
RT: 14.605 min Scan# 4704  
Delta R.T. -0.003 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

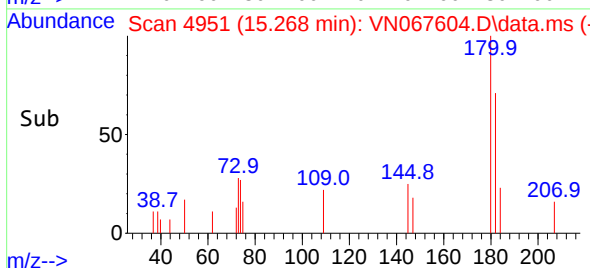
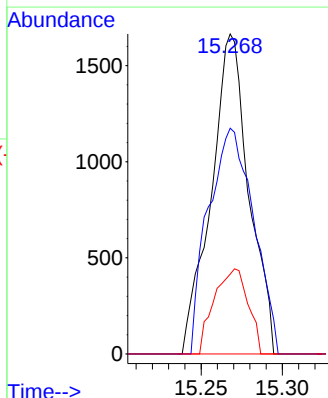
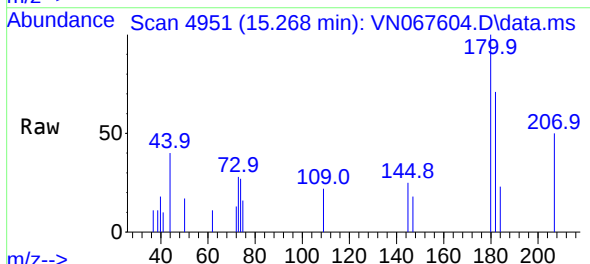
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ClientSampleId :  
VSTDIC001

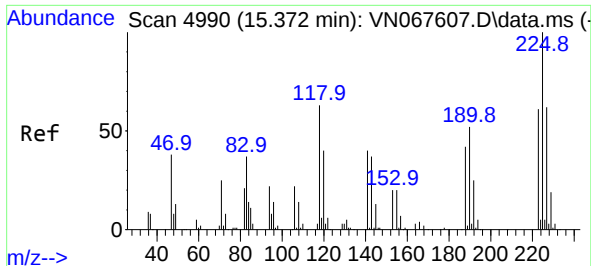
Tgt Ion: 75 Resp: 721  
Ion Ratio Lower Upper  
75 100  
155 50.2 29.8 89.5  
157 89.6 37.6 112.8



#93  
1,2,4-Trichlorobenzene  
Concen: 0.784 ug/l  
RT: 15.268 min Scan# 4951  
Delta R.T. 0.003 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion: 180 Resp: 2689  
Ion Ratio Lower Upper  
180 100  
182 84.6 47.5 142.5  
145 23.9 17.2 51.6

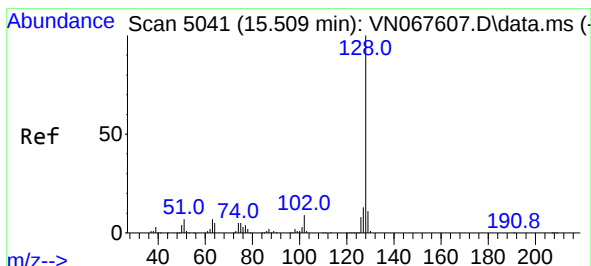
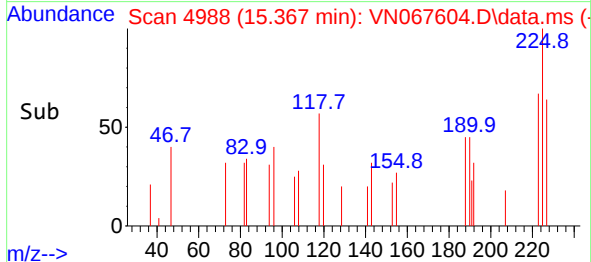
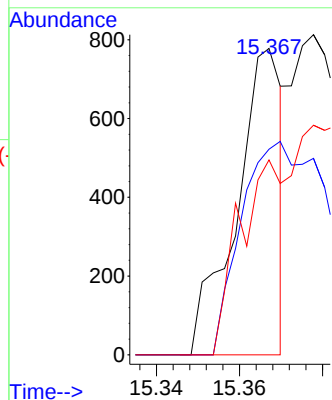
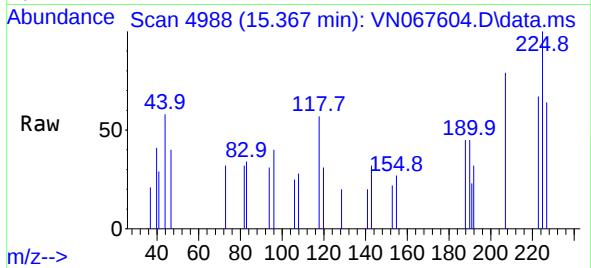




#94  
Hexachlorobutadiene  
Concen: 0.390 ug/l  
RT: 15.367 min Scan# 4988  
Delta R.T. -0.005 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

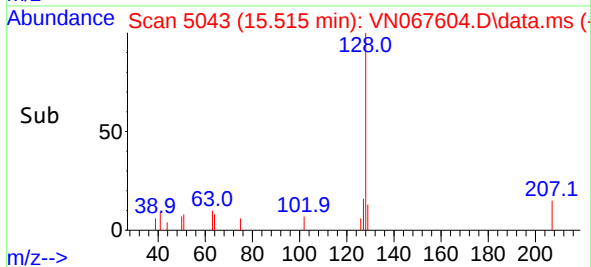
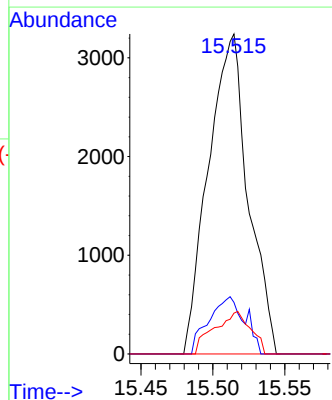
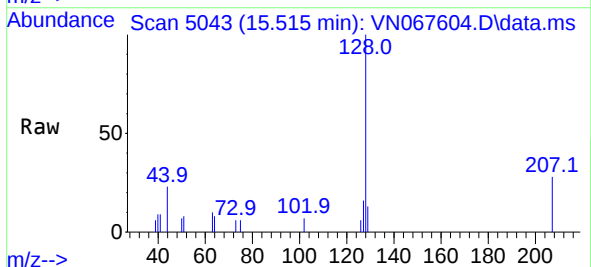
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

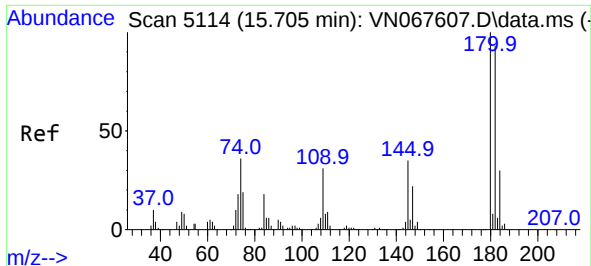
Tgt Ion:225 Resp: 589  
Ion Ratio Lower Upper  
225 100  
223 151.3 31.4 94.0#  
227 60.1 31.2 93.6



#95  
Naphthalene  
Concen: 0.576 ug/l  
RT: 15.515 min Scan# 5043  
Delta R.T. 0.005 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Tgt Ion:128 Resp: 6221  
Ion Ratio Lower Upper  
128 100  
127 16.3 10.6 15.8#  
129 12.1 8.6 12.8





#96  
1,2,3-Trichlorobenzene  
Concen: 0.644 ug/l  
RT: 15.710 min Scan# 5116  
Delta R.T. 0.005 min  
Lab File: VN067604.D  
Acq: 2 Jul 2021 9:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion:180 Resp: 2159  
Ion Ratio Lower Upper  
180 100  
182 95.3 47.8 143.3  
145 29.5 18.2 54.6

