

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN081721\  
 Data File : VN068144.D  
 Acq On : 17 Aug 2021 15:39  
 Operator : JC/MD  
 Sample : VN0817WBSD01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0817WBSD01

Quant Time: Aug 17 16:29:51 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081721W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 17 13:09:49 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.085  | 168  | 563183   | 50.000 | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene    | 8.971  | 114  | 863598   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.746 | 117  | 835500   | 50.000 | ug/l  | # 0.00   |
| 72) 1,4-Dichlorobenzene-d4 | 13.677 | 152  | 414812   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.440  | 65    | 313137   | 52.074   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 104.140% |      |
| 35) Dibromofluoromethane    | 8.021  | 113   | 270925   | 49.969   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 99.940%  |      |
| 50) Toluene-d8              | 10.443 | 98    | 1070932  | 51.838   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 103.680% |      |
| 62) 4-Bromofluorobenzene    | 12.733 | 95    | 363346   | 52.832   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 105.660% |      |

|                              |       |     |         |         |      |      |
|------------------------------|-------|-----|---------|---------|------|------|
| Target Compounds             |       |     |         | Qvalue  |      |      |
| 2) Dichlorodifluoromethane   | 2.072 | 85  | 93215   | 20.889  | ug/l | 100  |
| 3) Chloromethane             | 2.300 | 50  | 95616   | 18.965  | ug/l | 96   |
| 4) Vinyl Chloride            | 2.443 | 62  | 152522  | 19.307  | ug/l | 94   |
| 5) Bromomethane              | 2.845 | 94  | 143462  | 21.235  | ug/l | 97   |
| 6) Chloroethane              | 3.014 | 64  | 113967  | 21.557  | ug/l | 97   |
| 7) Trichlorofluoromethane    | 3.368 | 101 | 299349  | 19.275  | ug/l | 97   |
| 8) Diethyl Ether             | 3.816 | 74  | 75979   | 21.091  | ug/l | 80   |
| 9) 1,1,2-Trichlorotrifluo... | 4.202 | 101 | 94995   | 20.005  | ug/l | # 84 |
| 10) Methyl Iodide            | 4.414 | 142 | 131030  | 19.406  | ug/l | # 87 |
| 11) Tert butyl alcohol       | 5.387 | 59  | 81015   | 108.035 | ug/l | 98   |
| 12) 1,1-Dichloroethene       | 4.172 | 96  | 87858   | 19.243  | ug/l | # 73 |
| 13) Acrolein                 | 4.041 | 56  | 53886   | 103.547 | ug/l | 99   |
| 14) Allyl chloride           | 4.838 | 41  | 113878  | 19.513  | ug/l | # 92 |
| 15) Acrylonitrile            | 5.559 | 53  | 219074  | 103.692 | ug/l | 99   |
| 16) Acetone                  | 4.288 | 43  | 175877  | 100.176 | ug/l | 92   |
| 17) Carbon Disulfide         | 4.521 | 76  | 225382  | 19.096  | ug/l | 99   |
| 18) Methyl Acetate           | 4.859 | 43  | 101546  | 20.774  | ug/l | # 85 |
| 19) Methyl tert-butyl Ether  | 5.618 | 73  | 300647  | 20.425  | ug/l | 95   |
| 20) Methylene Chloride       | 5.090 | 84  | 107661  | 20.929  | ug/l | # 82 |
| 21) trans-1,2-Dichloroethene | 5.591 | 96  | 99592   | 19.484  | ug/l | # 78 |
| 22) Diisopropyl ether        | 6.500 | 45  | 255513  | 20.042  | ug/l | # 93 |
| 23) Vinyl Acetate            | 6.436 | 43  | 1029073 | 103.699 | ug/l | # 88 |
| 24) 1,1-Dichloroethane       | 6.385 | 63  | 167308  | 19.642  | ug/l | 96   |
| 25) 2-Butanone               | 7.340 | 43  | 280290  | 102.441 | ug/l | # 84 |
| 26) 2,2-Dichloropropane      | 7.326 | 77  | 144207  | 19.759  | ug/l | 90   |
| 27) cis-1,2-Dichloroethene   | 7.326 | 96  | 120030  | 19.612  | ug/l | 75   |
| 28) Bromochloromethane       | 7.656 | 49  | 77244   | 20.622  | ug/l | # 47 |
| 29) Tetrahydrofuran          | 7.691 | 42  | 184013  | 105.160 | ug/l | # 80 |
| 30) Chloroform               | 7.817 | 83  | 198185  | 19.532  | ug/l | 98   |
| 31) Cyclohexane              | 8.094 | 56  | 150739  | 19.032  | ug/l | # 82 |
| 32) 1,1,1-Trichloroethane    | 8.013 | 97  | 178272  | 19.701  | ug/l | 93   |
| 36) 1,1-Dichloropropene      | 8.222 | 75  | 138178  | 19.573  | ug/l | 91   |
| 37) Ethyl Acetate            | 7.415 | 43  | 117227  | 19.492  | ug/l | # 93 |
| 38) Carbon Tetrachloride     | 8.206 | 117 | 159174  | 19.549  | ug/l | 97   |
| 39) Methylcyclohexane        | 9.461 | 83  | 159101  | 19.955  | ug/l | 86   |
| 40) Benzene                  | 8.461 | 78  | 431699  | 20.035  | ug/l | 100  |

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 Sample : VN0817WBSD01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0817WBSD01

Quant Time: Aug 17 16:29:51 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081721W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 17 13:09:49 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.640  | 41   | 57029    | 20.769  | ug/l # | 86       |
| 42) 1,2-Dichloroethane        | 8.531  | 62   | 149559   | 20.377  | ug/l   | 93       |
| 43) Isopropyl Acetate         | 8.566  | 43   | 199569   | 20.716  | ug/l # | 90       |
| 44) Trichloroethene           | 9.217  | 130  | 128858   | 19.887  | ug/l   | 81       |
| 45) 1,2-Dichloropropane       | 9.491  | 63   | 102200   | 20.165  | ug/l   | 98       |
| 46) Dibromomethane            | 9.579  | 93   | 83543    | 20.207  | ug/l # | 78       |
| 47) Bromodichloromethane      | 9.764  | 83   | 153133   | 19.932  | ug/l # | 99       |
| 48) Methyl methacrylate       | 9.563  | 41   | 83768    | 20.866  | ug/l # | 81       |
| 49) 1,4-Dioxane               | 9.571  | 88   | 41501    | 427.681 | ug/l # | 80       |
| 51) 4-Methyl-2-Pentanone      | 10.333 | 43   | 621359   | 104.998 | ug/l   | 90       |
| 52) Toluene                   | 10.507 | 92   | 298182   | 20.299  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.722 | 75   | 159490   | 21.136  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.191 | 75   | 169313   | 20.709  | ug/l # | 85       |
| 55) 1,1,2-Trichloroethane     | 10.899 | 97   | 119733   | 20.397  | ug/l   | 93       |
| 56) Ethyl methacrylate        | 10.762 | 69   | 158319   | 21.002  | ug/l # | 80       |
| 57) 1,3-Dichloropropane       | 11.046 | 76   | 180052   | 19.915  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.043 | 63   | 122288   | 88.748  | ug/l # | 85       |
| 59) 2-Hexanone                | 11.089 | 43   | 436838   | 106.310 | ug/l   | 88       |
| 60) Dibromochloromethane      | 11.239 | 129  | 135910   | 20.523  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.347 | 107  | 128023   | 21.029  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.979 | 164  | 137093   | 21.220  | ug/l   | 87       |
| 65) Chlorobenzene             | 11.773 | 112  | 342437   | 20.018  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.843 | 131  | 130847   | 20.277  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.846 | 91   | 569899   | 20.197  | ug/l   | 94       |
| 68) m/p-Xylenes               | 11.956 | 106  | 461667   | 40.899  | ug/l   | 81       |
| 69) o-Xylene                  | 12.283 | 106  | 222756   | 20.424  | ug/l   | 81       |
| 70) Styrene                   | 12.296 | 104  | 365013   | 20.909  | ug/l # | 90       |
| 71) Bromoform                 | 12.460 | 173  | 106832   | 20.644  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.580 | 105  | 567595   | 19.240  | ug/l   | 95       |
| 74) N-amyl acetate            | 12.390 | 43   | 153873   | 20.030  | ug/l # | 86       |
| 75) 1,1,2,2-Tetrachloroethane | 12.830 | 83   | 166142   | 18.778  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.884 | 75   | 189845   | 27.535  | ug/l # | 100      |
| 77) Bromobenzene              | 12.865 | 156  | 159203   | 19.588  | ug/l   | 55       |
| 78) n-propylbenzene           | 12.924 | 91   | 620562   | 19.609  | ug/l   | 91       |
| 79) 2-Chlorotoluene           | 13.010 | 91   | 375982   | 19.211  | ug/l   | 83       |
| 80) 1,3,5-Trimethylbenzene    | 13.061 | 105  | 471904   | 19.773  | ug/l   | 90       |
| 81) trans-1,4-Dichloro-2-b... | 12.629 | 75   | 41248    | 19.600  | ug/l   | 89       |
| 82) 4-Chlorotoluene           | 13.106 | 91   | 378097   | 19.903  | ug/l   | 85       |
| 83) tert-Butylbenzene         | 13.326 | 119  | 401912   | 18.964  | ug/l   | 84       |
| 84) 1,2,4-Trimethylbenzene    | 13.369 | 105  | 464469   | 19.936  | ug/l   | 90       |
| 85) sec-Butylbenzene          | 13.503 | 105  | 541883   | 19.419  | ug/l   | 92       |
| 86) p-Isopropyltoluene        | 13.618 | 119  | 458715   | 19.915  | ug/l   | 90       |
| 87) 1,3-Dichlorobenzene       | 13.618 | 146  | 280933   | 20.271  | ug/l   | 91       |
| 88) 1,4-Dichlorobenzene       | 13.696 | 146  | 280579   | 19.984  | ug/l   | 93       |
| 89) n-Butylbenzene            | 13.946 | 91   | 340134   | 19.795  | ug/l   | 96       |
| 90) Hexachloroethane          | 14.214 | 117  | 80398    | 18.812  | ug/l   | 75       |
| 91) 1,2-Dichlorobenzene       | 13.991 | 146  | 265429   | 20.116  | ug/l   | 91       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.605 | 75   | 26432    | 19.723  | ug/l # | 37       |
| 93) 1,2,4-Trichlorobenzene    | 15.265 | 180  | 123190   | 19.531  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.372 | 225  | 69842    | 19.544  | ug/l   | 98       |
| 95) Naphthalene               | 15.509 | 128  | 289020   | 19.907  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.705 | 180  | 117570   | 19.714  | ug/l   | 97       |

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Data File : VN068144.D  
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Operator : JC/MD  
Sample : VN0817WBSD01  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 13 Sample Multiplier: 1

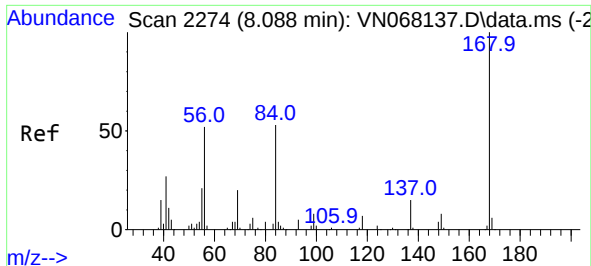
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

Quant Time: Aug 17 16:29:51 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081721W.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 17 13:09:49 2021  
Response via : Initial Calibration

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

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

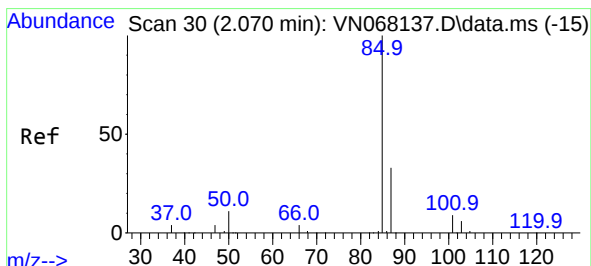
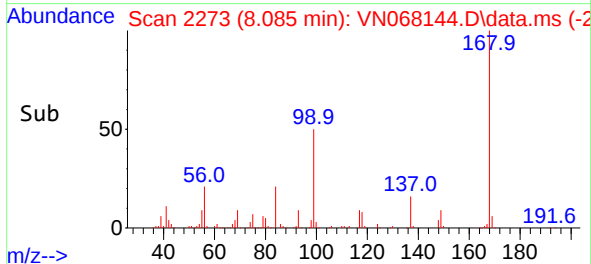
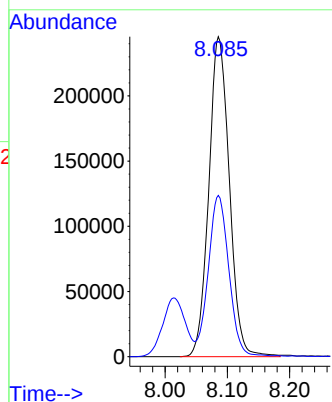
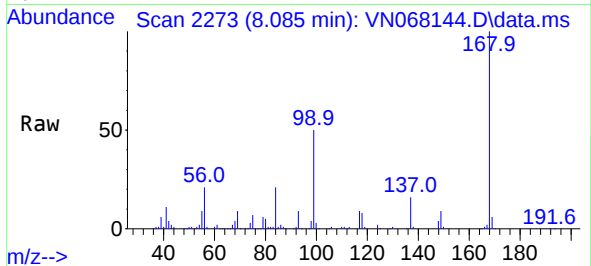




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.085 min Scan# 2273  
Delta R.T. -0.003 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

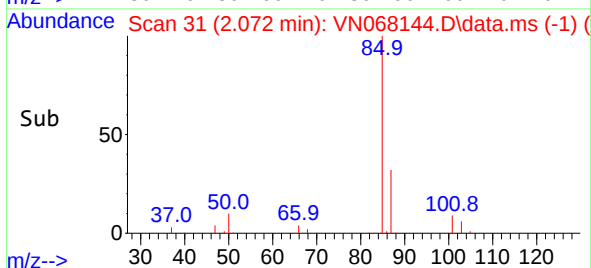
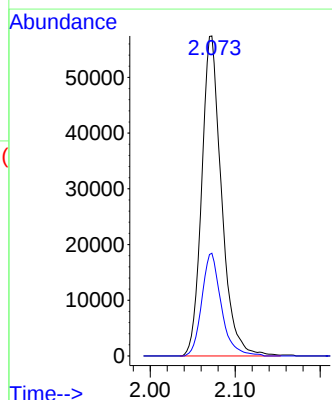
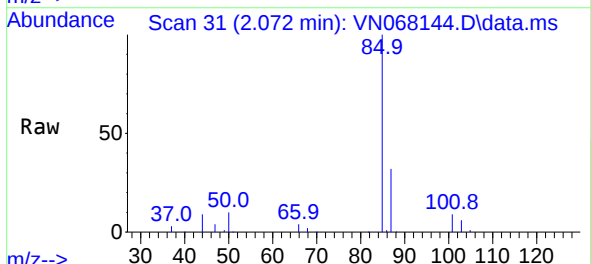
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

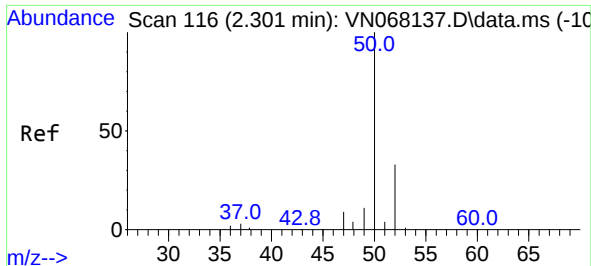
Tgt Ion:168 Resp: 563183  
Ion Ratio Lower Upper  
168 100  
99 50.2 62.9 94.3#



#2  
Dichlorodifluoromethane  
Concen: 20.889 ug/l  
RT: 2.072 min Scan# 31  
Delta R.T. 0.002 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion: 85 Resp: 93215  
Ion Ratio Lower Upper  
85 100  
87 32.1 16.1 48.2

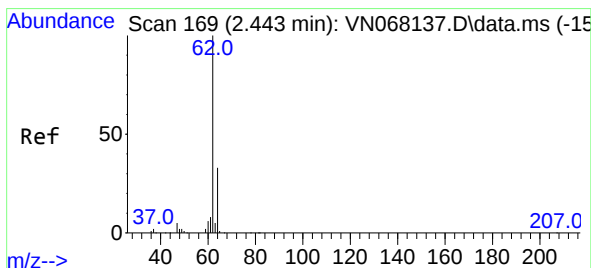
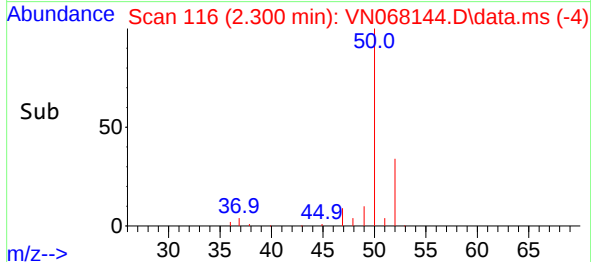
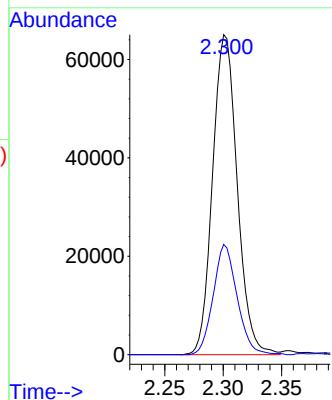
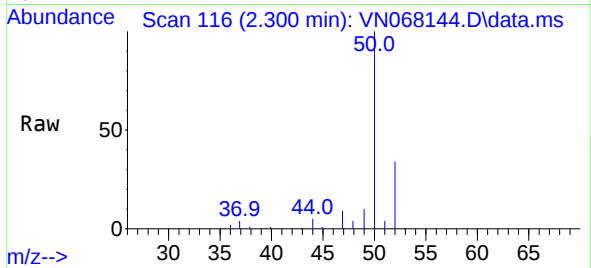




#3  
Chloromethane  
Concen: 18.965 ug/l  
RT: 2.300 min Scan# 116  
Delta R.T. -0.001 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

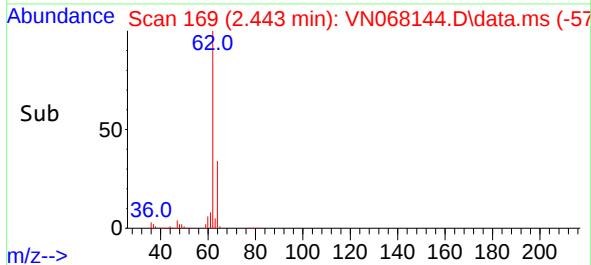
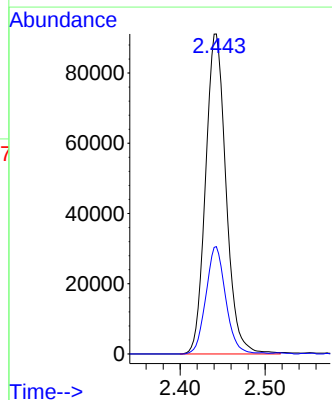
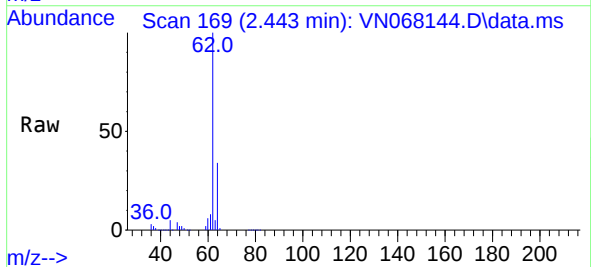
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

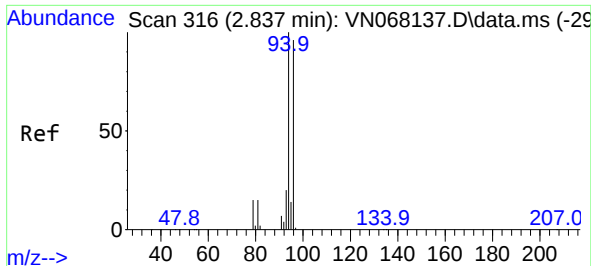
Tgt Ion: 50 Resp: 95616  
Ion Ratio Lower Upper  
50 100  
52 34.5 25.6 38.4



#4  
Vinyl Chloride  
Concen: 19.307 ug/l  
RT: 2.443 min Scan# 169  
Delta R.T. -0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion: 62 Resp: 152522  
Ion Ratio Lower Upper  
62 100  
64 33.5 24.4 36.6

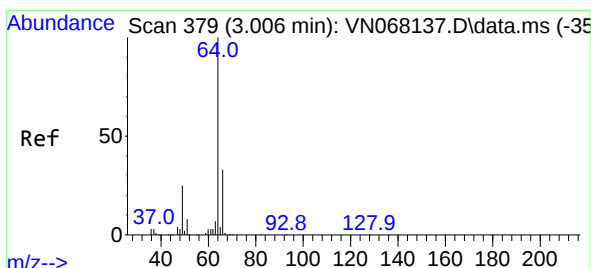
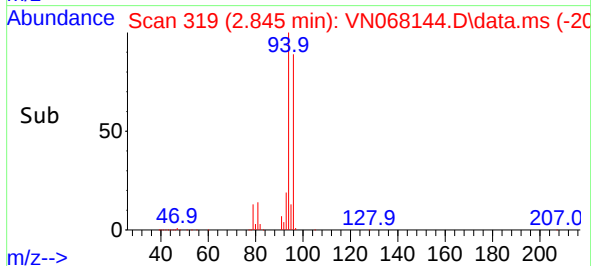
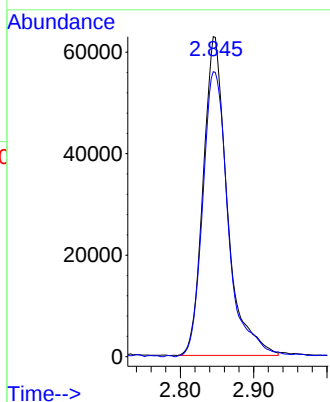
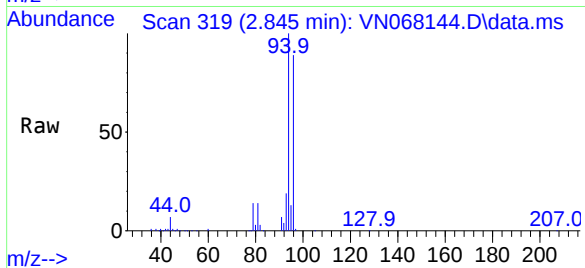




#5  
Bromomethane  
Concen: 21.235 ug/l  
RT: 2.845 min Scan# 319  
Delta R.T. 0.008 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

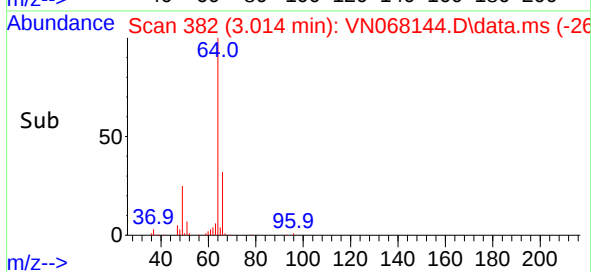
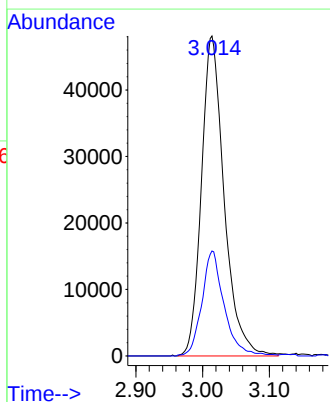
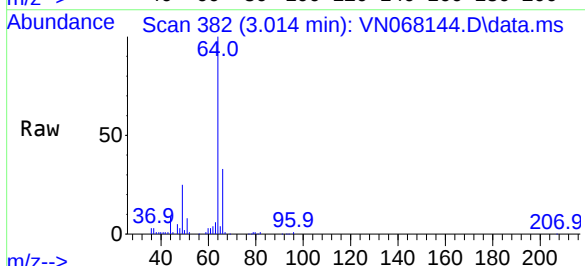
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

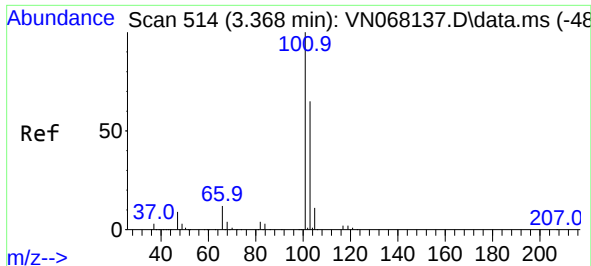
Tgt Ion: 94 Resp: 143462  
Ion Ratio Lower Upper  
94 100  
96 89.2 73.7 110.5



#6  
Chloroethane  
Concen: 21.557 ug/l  
RT: 3.014 min Scan# 382  
Delta R.T. 0.008 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion: 64 Resp: 113967  
Ion Ratio Lower Upper  
64 100  
66 32.5 24.7 37.1

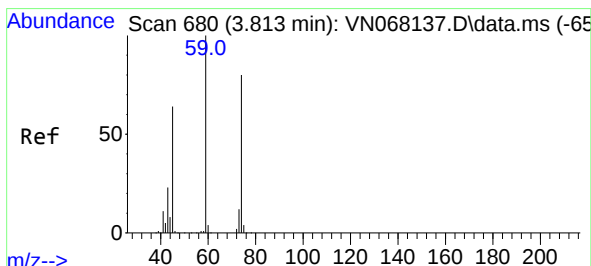
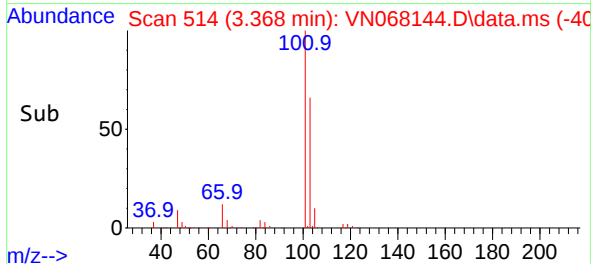
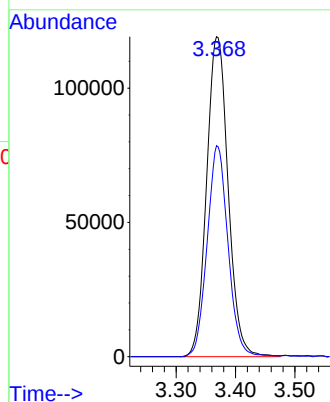
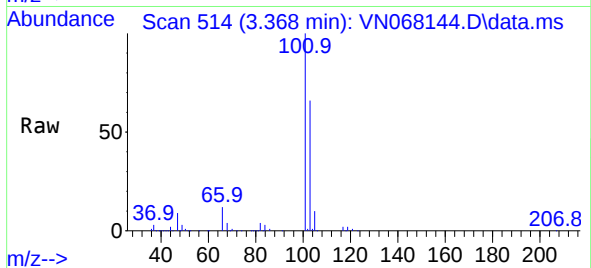




#7  
Trichlorofluoromethane  
Concen: 19.275 ug/l  
RT: 3.368 min Scan# 514  
Delta R.T. -0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

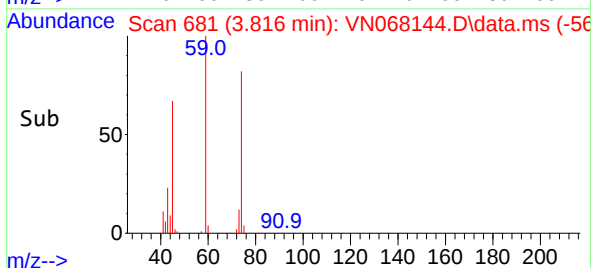
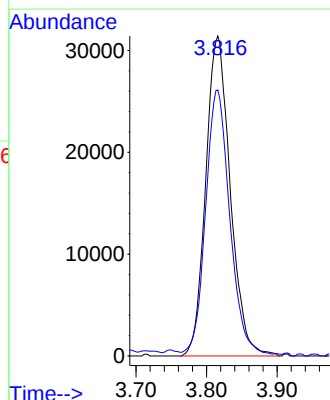
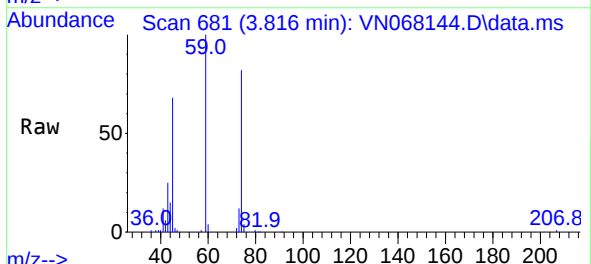
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

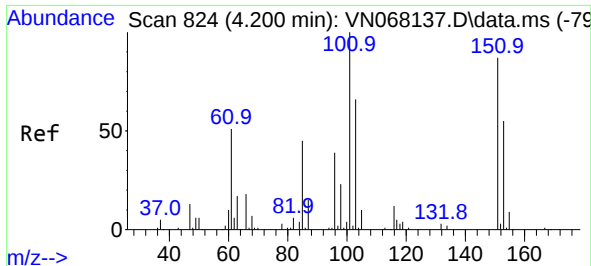
Tgt Ion:101 Resp: 299349  
Ion Ratio Lower Upper  
101 100  
103 66.0 51.2 76.8



#8  
Diethyl Ether  
Concen: 21.091 ug/l  
RT: 3.816 min Scan# 681  
Delta R.T. 0.003 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion: 74 Resp: 75979  
Ion Ratio Lower Upper  
74 100  
45 80.8 50.2 150.7

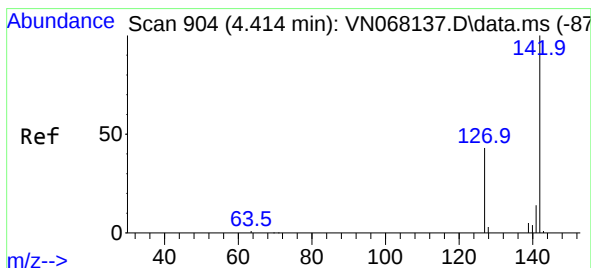
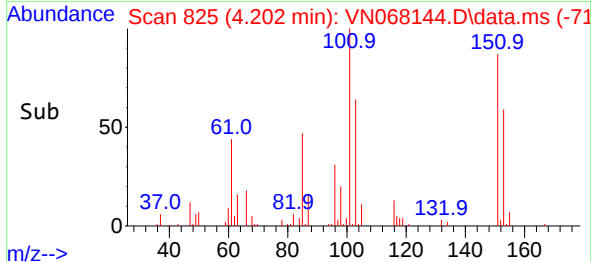
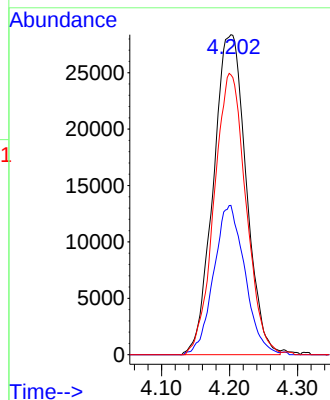
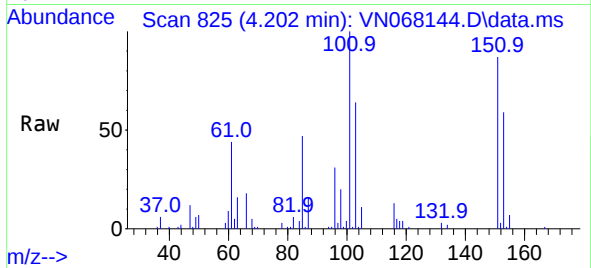




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.005 ug/l  
RT: 4.202 min Scan# 825  
Delta R.T. 0.002 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

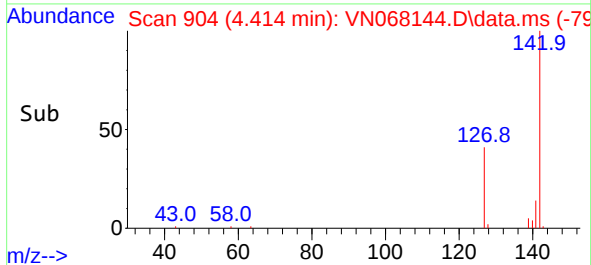
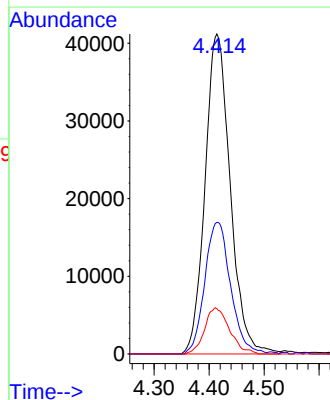
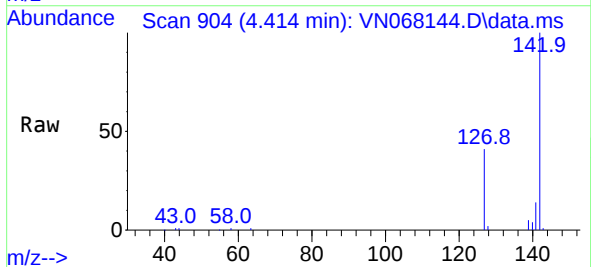
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

Tgt Ion:101 Resp: 94995  
Ion Ratio Lower Upper  
101 100  
85 44.4 39.6 59.4  
151 85.4 54.1 81.1#



#10  
Methyl Iodide  
Concen: 19.406 ug/l  
RT: 4.414 min Scan# 904  
Delta R.T. -0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion:142 Resp: 131030  
Ion Ratio Lower Upper  
142 100  
127 42.1 43.1 64.7#  
141 14.0 11.4 17.0

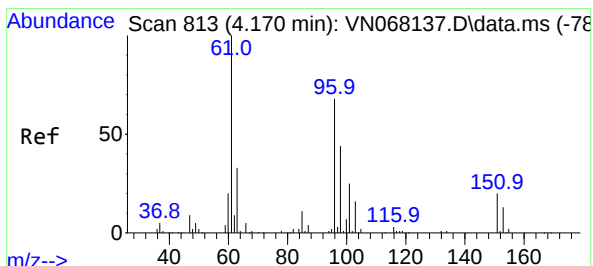
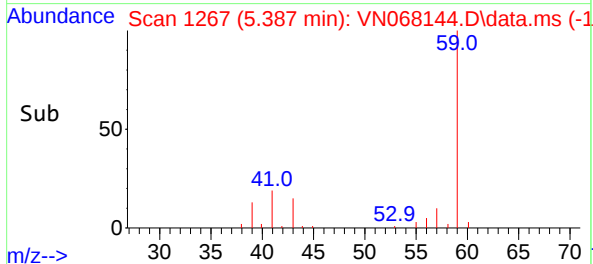
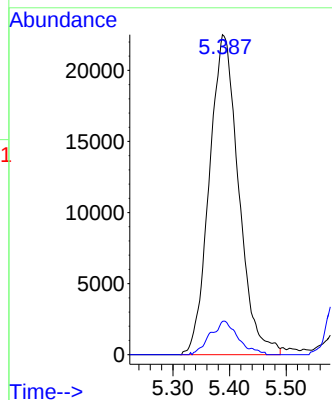
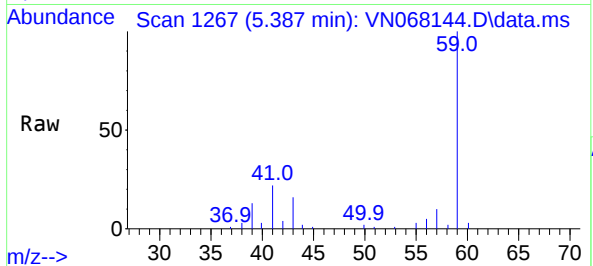




#11  
Tert butyl alcohol  
Concen: 108.035 ug/l  
RT: 5.387 min Scan# 1267  
Delta R.T. -0.003 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

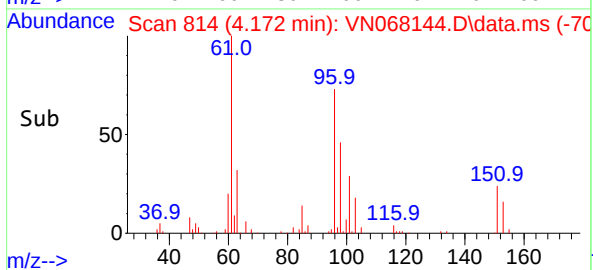
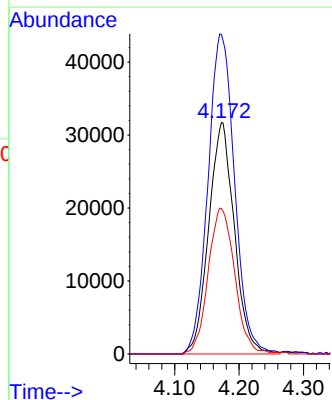
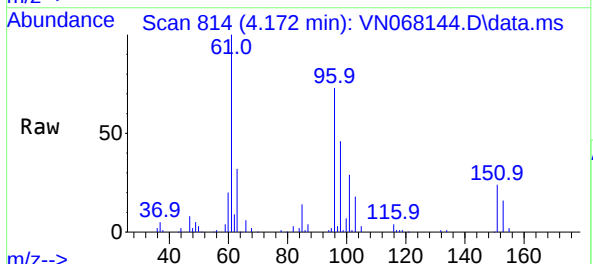
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

Tgt Ion: 59 Resp: 81015  
Ion Ratio Lower Upper  
59 100  
57 10.0 8.7 13.1



#12  
1,1-Dichloroethene  
Concen: 19.243 ug/l  
RT: 4.172 min Scan# 814  
Delta R.T. 0.002 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion: 96 Resp: 87858  
Ion Ratio Lower Upper  
96 100  
61 137.9 152.6 229.0#  
98 62.9 50.9 76.3

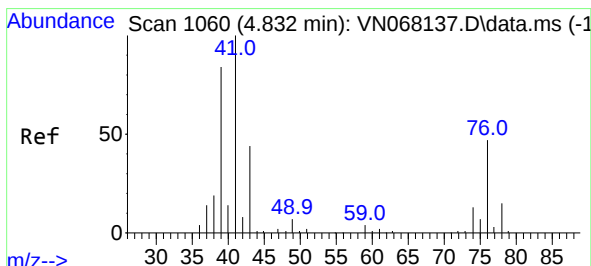
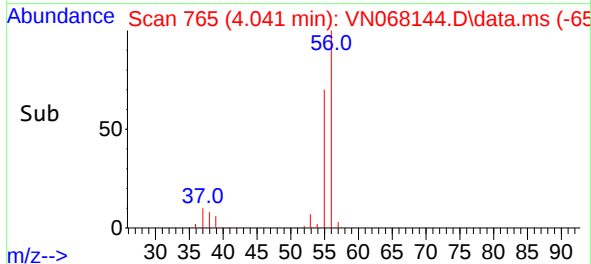
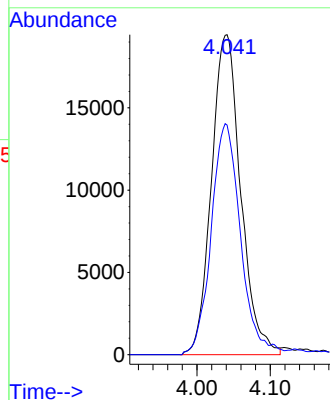
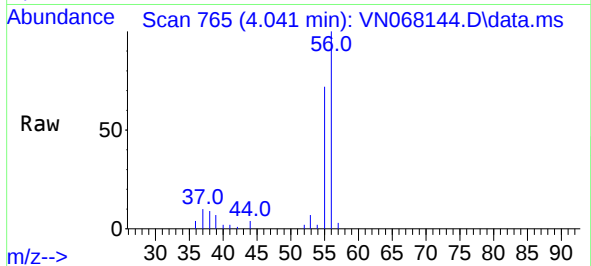




#13  
Acrolein  
Concen: 103.547 ug/l  
RT: 4.041 min Scan# 765  
Delta R.T. 0.002 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

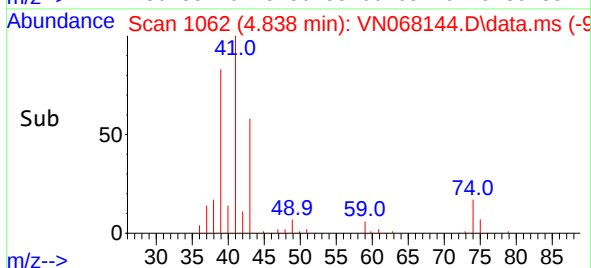
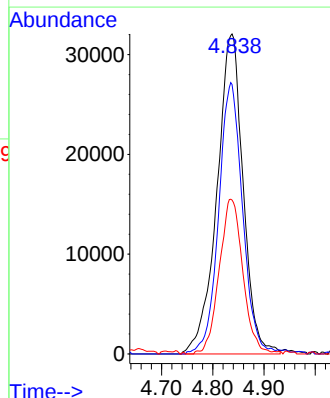
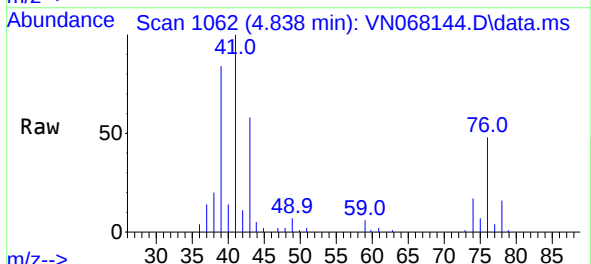
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

Tgt Ion: 56 Resp: 53886  
Ion Ratio Lower Upper  
56 100  
55 71.2 57.4 86.0



#14  
Allyl chloride  
Concen: 19.513 ug/l  
RT: 4.838 min Scan# 1062  
Delta R.T. 0.006 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion: 41 Resp: 113878  
Ion Ratio Lower Upper  
41 100  
39 77.0 60.9 91.3  
76 43.6 24.3 36.5#

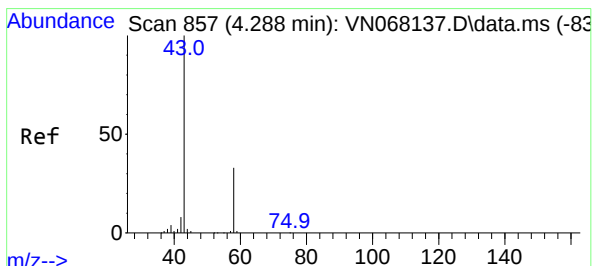
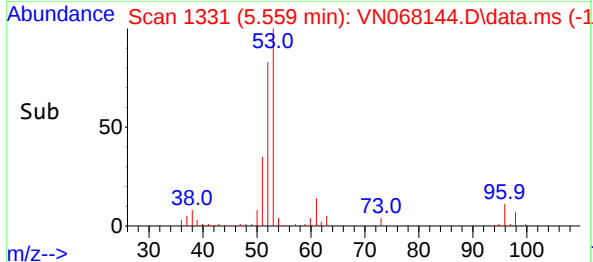
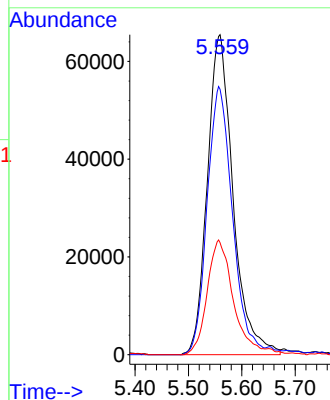
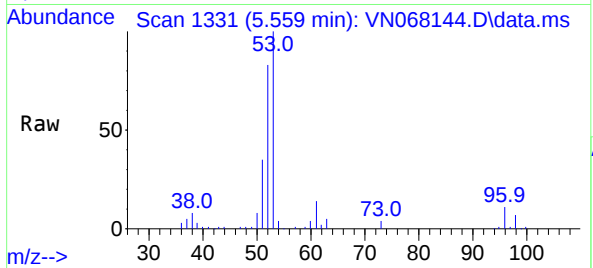




#15  
Acrylonitrile  
Concen: 103.692 ug/l  
RT: 5.559 min Scan# 1331  
Delta R.T. 0.002 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

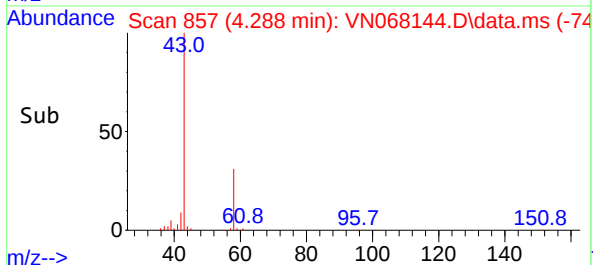
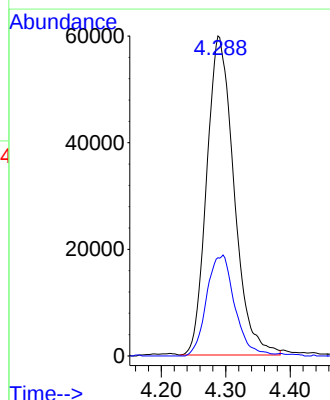
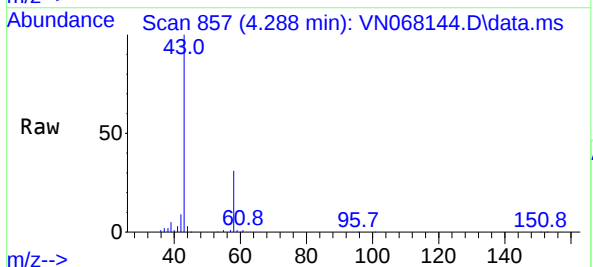
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

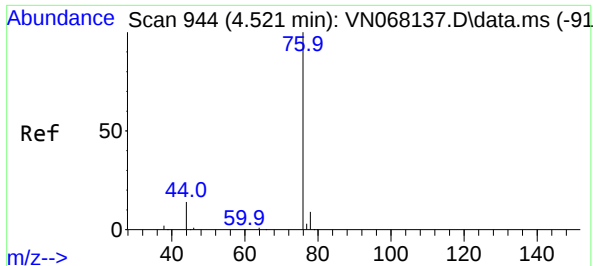
Tgt Ion: 53 Resp: 219074  
Ion Ratio Lower Upper  
53 100  
52 82.2 66.2 99.2  
51 36.1 30.2 45.4



#16  
Acetone  
Concen: 100.176 ug/l  
RT: 4.288 min Scan# 857  
Delta R.T. -0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion: 43 Resp: 175877  
Ion Ratio Lower Upper  
43 100  
58 30.8 21.2 31.8

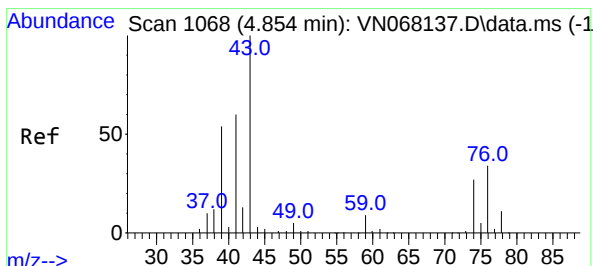
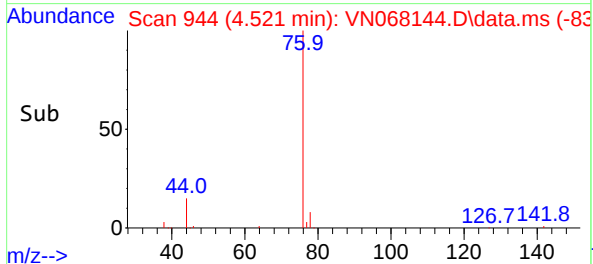
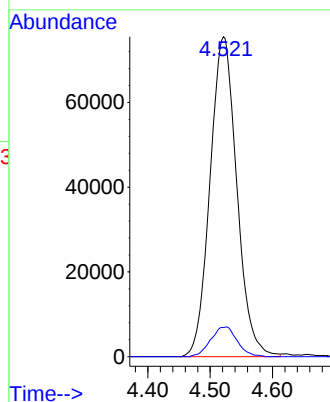
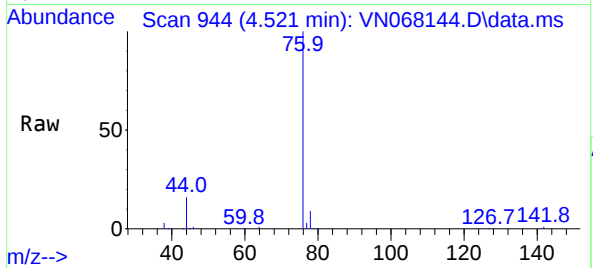




#17  
Carbon Disulfide  
Concen: 19.096 ug/l  
RT: 4.521 min Scan# 944  
Delta R.T. 0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

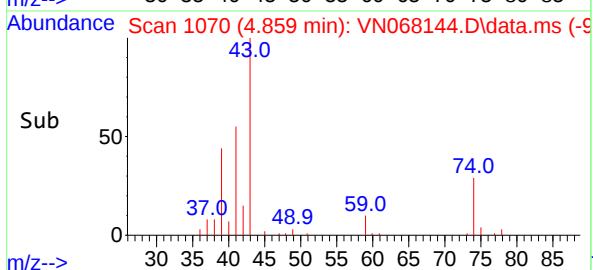
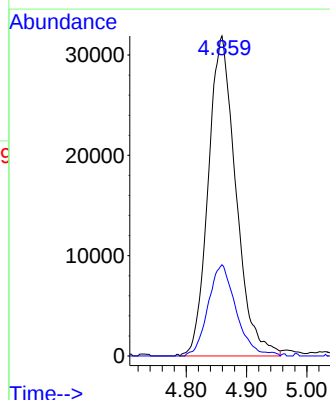
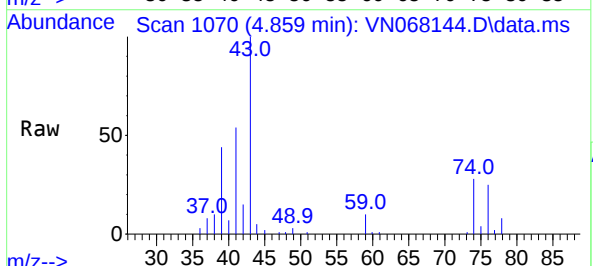
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

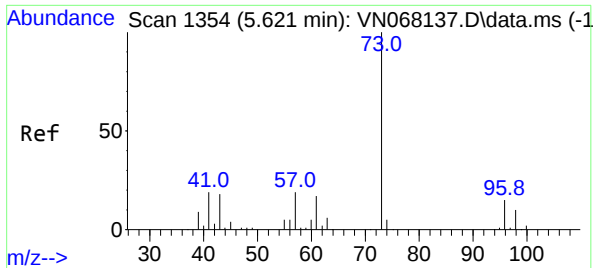
Tgt Ion: 76 Resp: 225382  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.7 11.5



#18  
Methyl Acetate  
Concen: 20.774 ug/l  
RT: 4.859 min Scan# 1070  
Delta R.T. 0.005 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion: 43 Resp: 101546  
Ion Ratio Lower Upper  
43 100  
74 28.6 17.4 26.0#

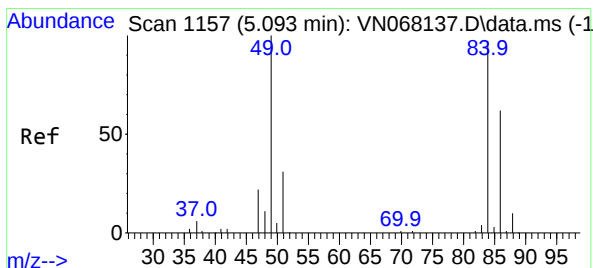
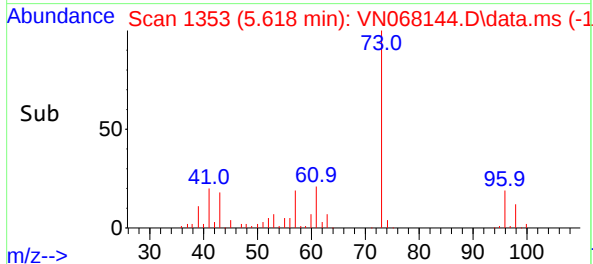
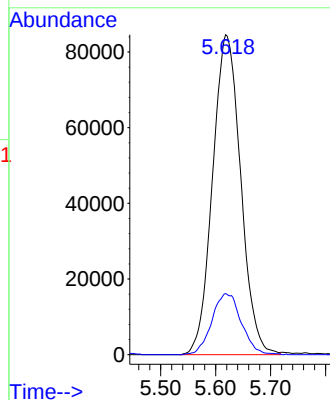
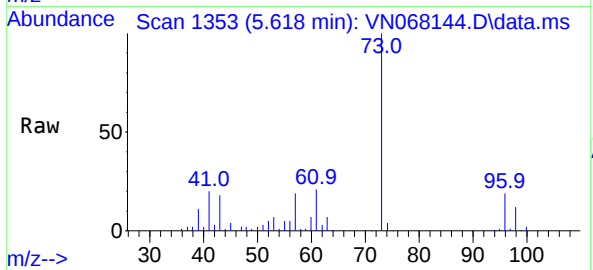




#19  
Methyl tert-butyl Ether  
Concen: 20.425 ug/l  
RT: 5.618 min Scan# 1353  
Delta R.T. -0.003 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

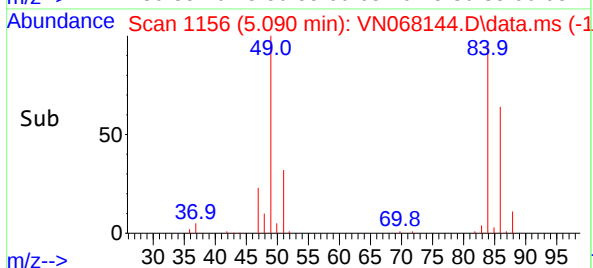
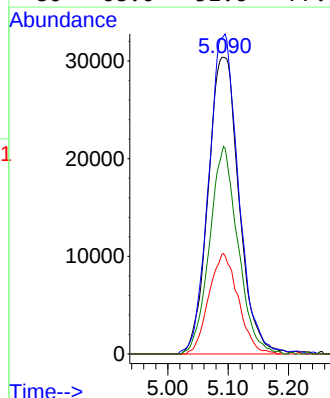
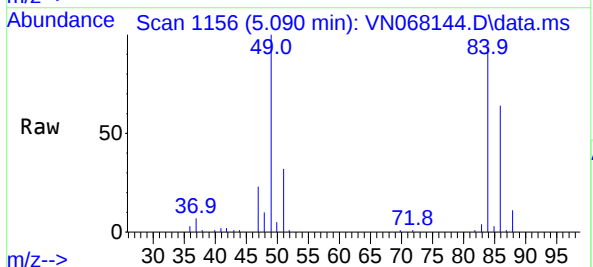
Instrument :  
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ClientSampleId :  
VN0817WBSD01

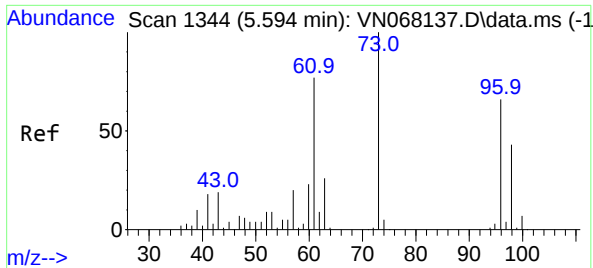
Tgt Ion: 73 Resp: 300647  
Ion Ratio Lower Upper  
73 100  
57 19.1 17.0 25.6



#20  
Methylene Chloride  
Concen: 20.929 ug/l  
RT: 5.090 min Scan# 1156  
Delta R.T. -0.003 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion: 84 Resp: 107661  
Ion Ratio Lower Upper  
84 100  
49 105.9 110.9 166.3#  
51 33.6 32.6 49.0  
86 68.0 51.6 77.4

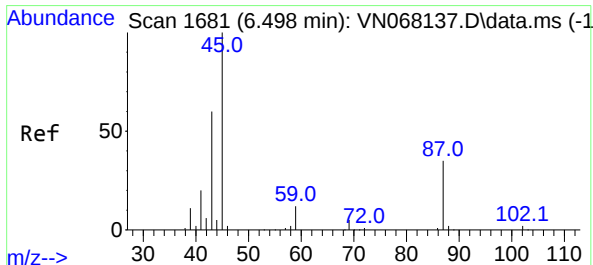
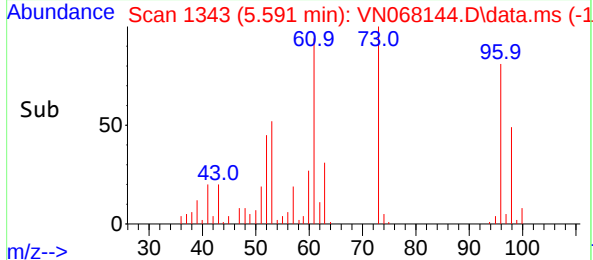
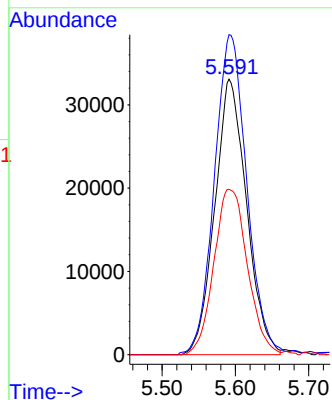
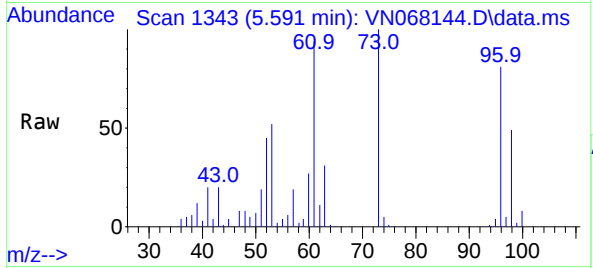




#21  
trans-1,2-Dichloroethene  
Concen: 19.484 ug/l  
RT: 5.591 min Scan# 1343  
Delta R.T. -0.003 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

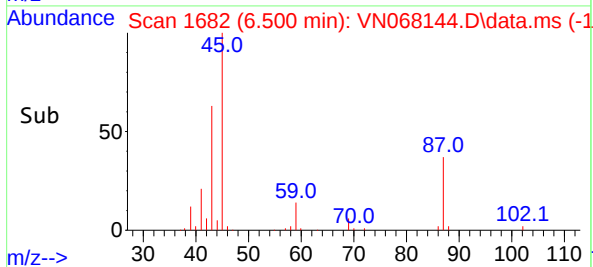
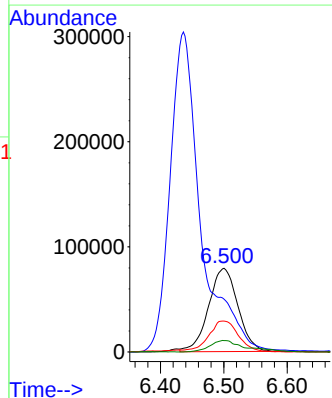
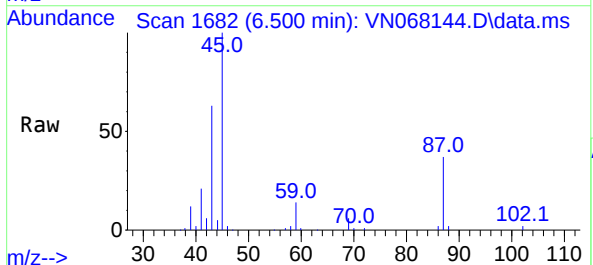
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

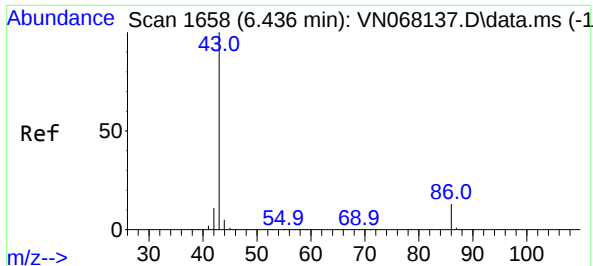
Tgt Ion: 96 Resp: 99592  
Ion Ratio Lower Upper  
96 100  
61 115.4 123.5 185.3#  
98 60.0 48.6 72.8



#22  
Diisopropyl ether  
Concen: 20.042 ug/l  
RT: 6.500 min Scan# 1682  
Delta R.T. 0.002 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion: 45 Resp: 255513  
Ion Ratio Lower Upper  
45 100  
43 61.1 49.4 74.2  
87 37.0 20.9 31.3#  
59 13.8 9.0 13.4#

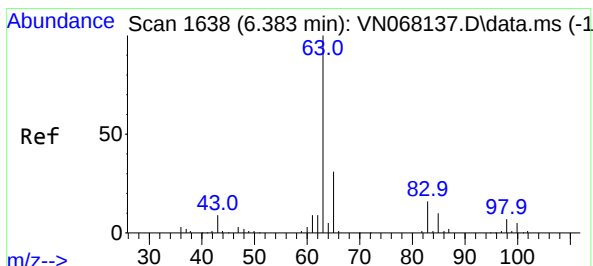
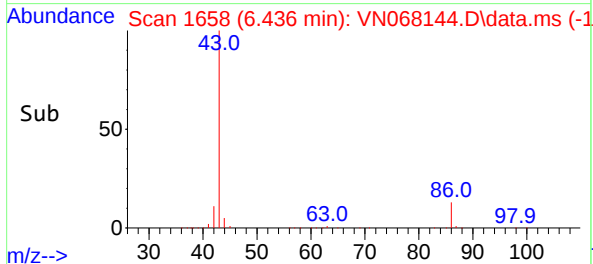
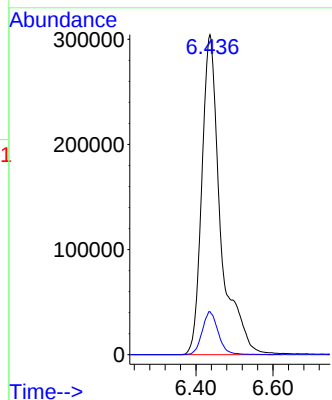
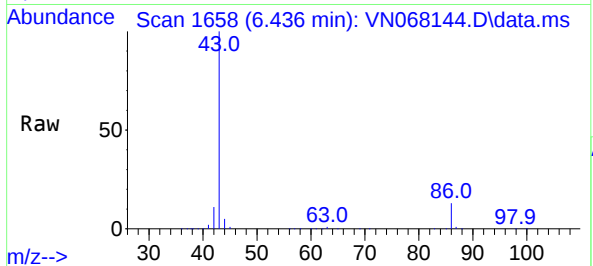




#23  
 Vinyl Acetate  
 Concen: 103.699 ug/l  
 RT: 6.436 min Scan# 1658  
 Delta R.T. 0.000 min  
 Lab File: VN068144.D  
 Acq: 17 Aug 2021 15:39

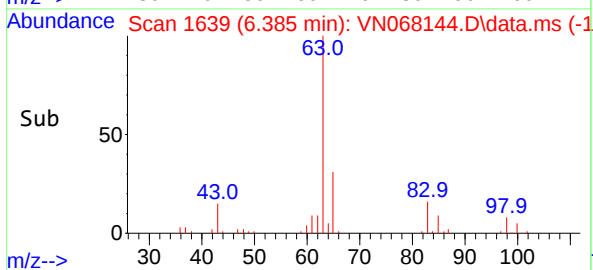
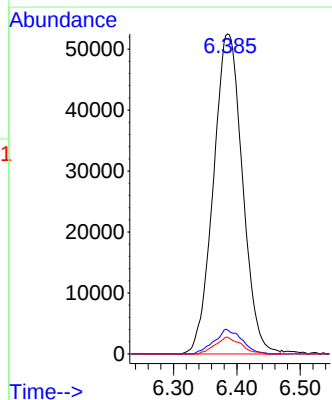
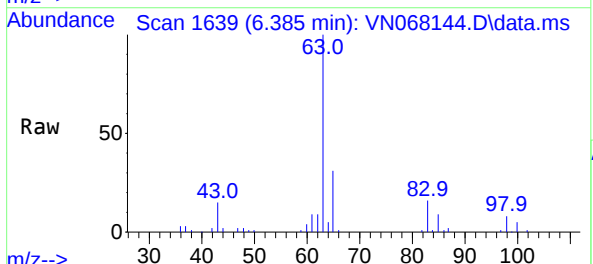
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0817WBSD01

Tgt Ion: 43 Resp: 1029073  
 Ion Ratio Lower Upper  
 43 100  
 86 13.4 7.3 10.9#



#24  
 1,1-Dichloroethane  
 Concen: 19.642 ug/l  
 RT: 6.385 min Scan# 1639  
 Delta R.T. 0.002 min  
 Lab File: VN068144.D  
 Acq: 17 Aug 2021 15:39

Tgt Ion: 63 Resp: 167308  
 Ion Ratio Lower Upper  
 63 100  
 98 7.5 3.0 9.0  
 100 5.3 1.9 5.7

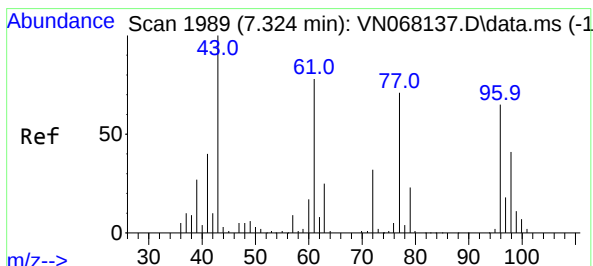
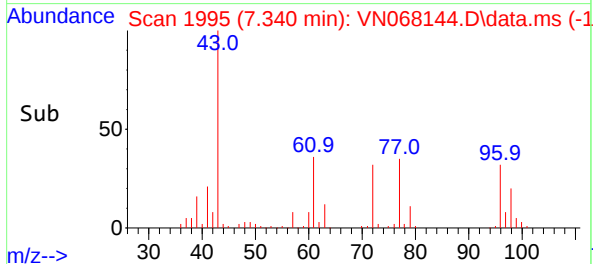
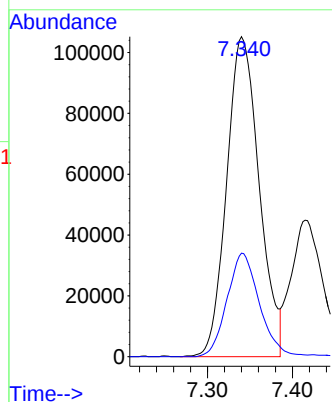
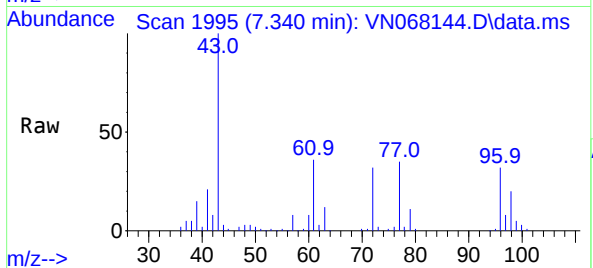




#25  
2-Butanone  
Concen: 102.441 ug/l  
RT: 7.340 min Scan# 1995  
Delta R.T. -0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

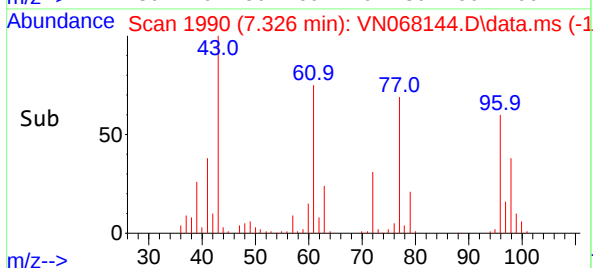
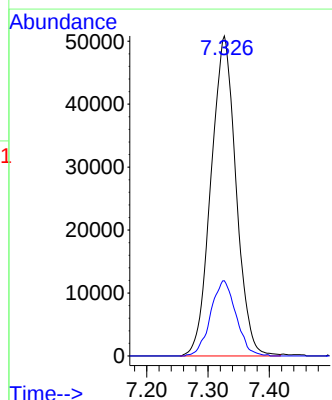
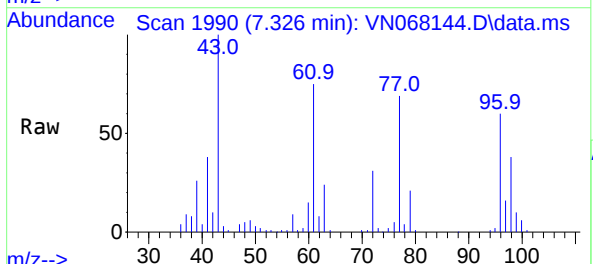
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

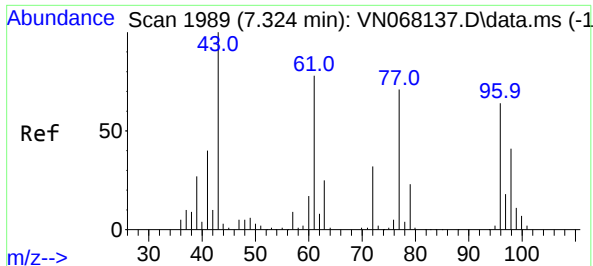
Tgt Ion: 43 Resp: 280290  
Ion Ratio Lower Upper  
43 100  
72 32.3 19.7 29.5#



#26  
2,2-Dichloropropane  
Concen: 19.759 ug/l  
RT: 7.326 min Scan# 1990  
Delta R.T. 0.002 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion: 77 Resp: 144207  
Ion Ratio Lower Upper  
77 100  
97 23.9 9.8 29.3

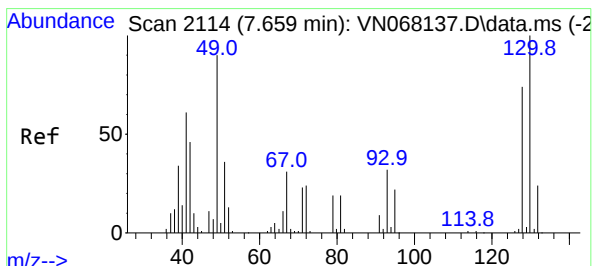
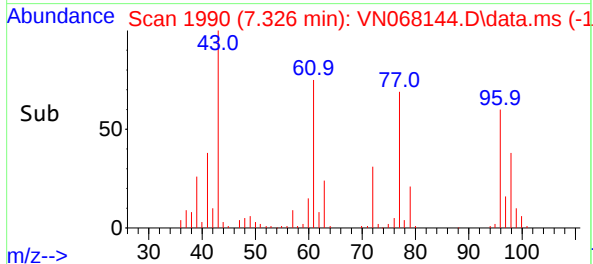
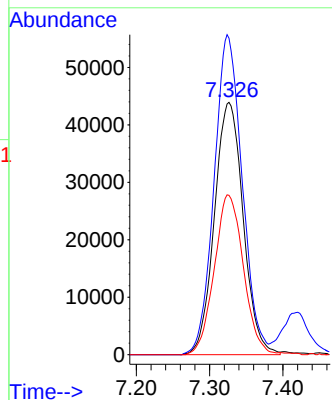
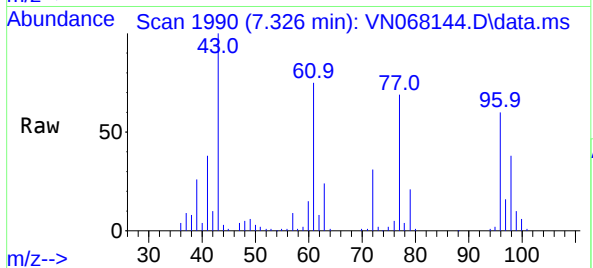




#27  
cis-1,2-Dichloroethene  
Concen: 19.612 ug/l  
RT: 7.326 min Scan# 1990  
Delta R.T. 0.002 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

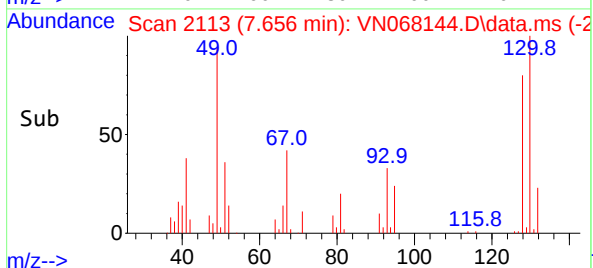
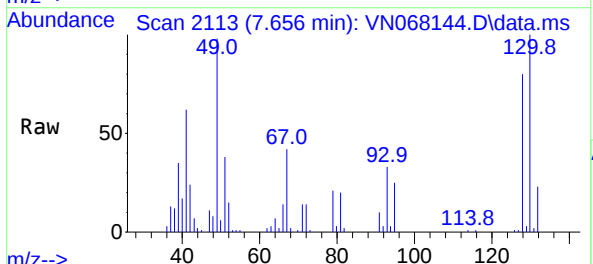
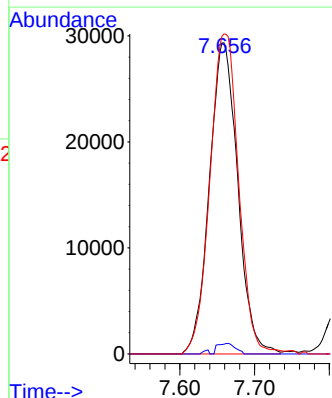
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 120030 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 123.3 | 0.0   | 338.8  |
| 98       | 63.9  | 0.0   | 129.8  |

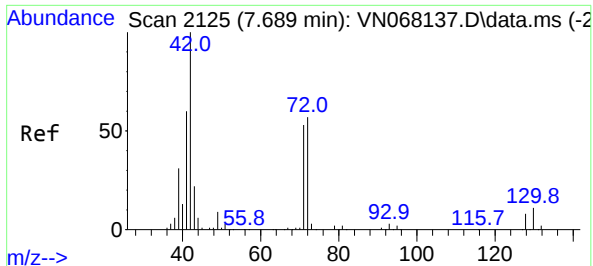
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01



#28  
Bromochloromethane  
Concen: 20.622 ug/l  
RT: 7.656 min Scan# 2113  
Delta R.T. -0.003 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 77244 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 2.1   | 0.0   | 3.8   |
| 130      | 104.0 | 49.7  | 74.5# |





#29

Tetrahydrofuran

Concen: 105.160 ug/l

RT: 7.691 min Scan# 2126

Delta R.T. 0.002 min

Lab File: VN068144.D

Acq: 17 Aug 2021 15:39

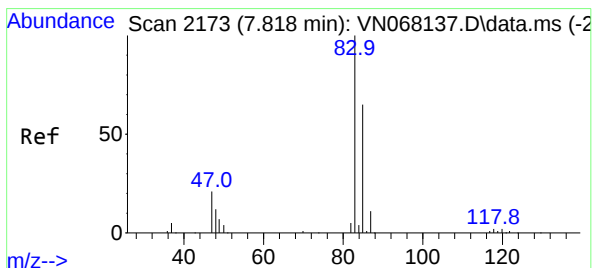
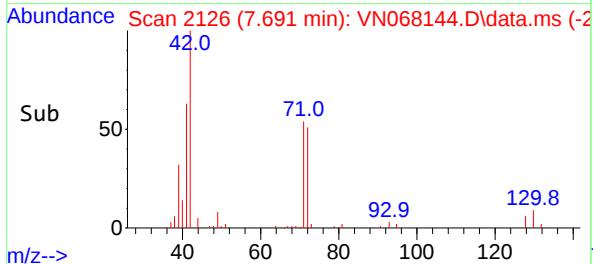
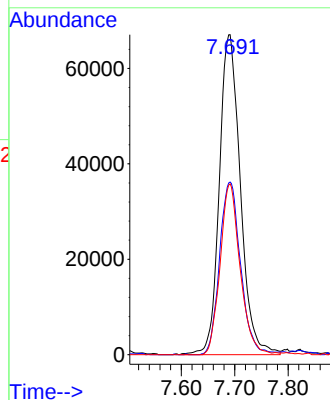
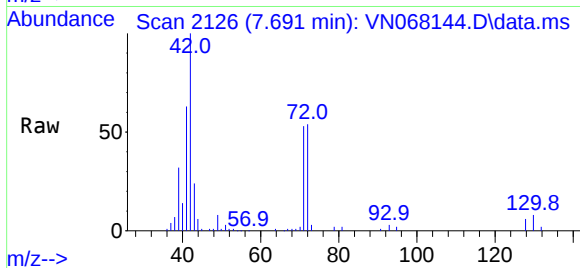
Tgt Ion: 42 Resp: 184013

Ion Ratio Lower Upper

42 100

72 53.9 32.8 49.2#

71 50.5 31.2 46.8#



#30

Chloroform

Concen: 19.532 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.001 min

Lab File: VN068144.D

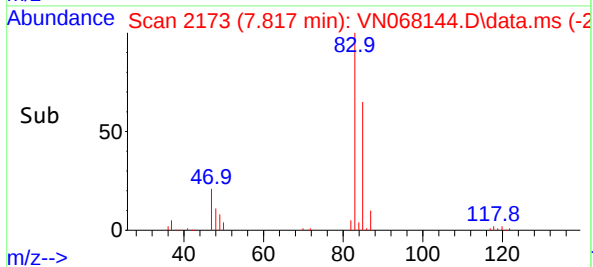
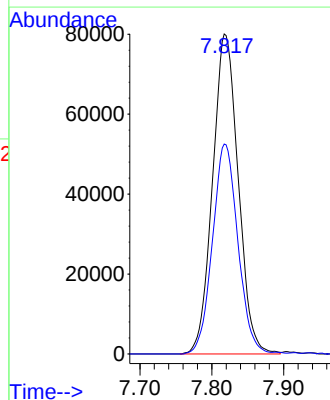
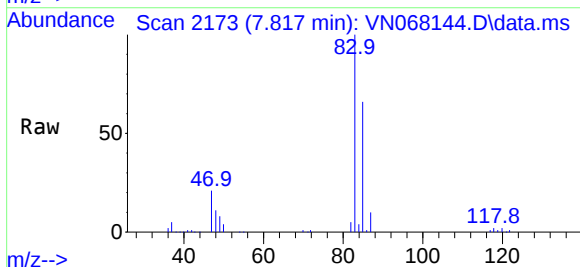
Acq: 17 Aug 2021 15:39

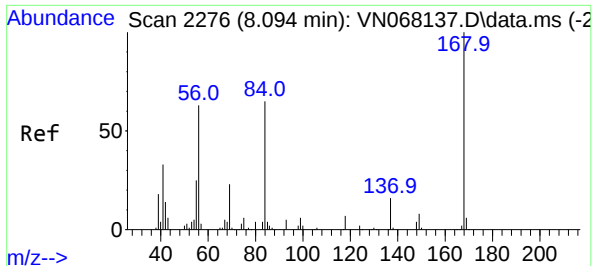
Tgt Ion: 83 Resp: 198185

Ion Ratio Lower Upper

83 100

85 65.6 51.5 77.3

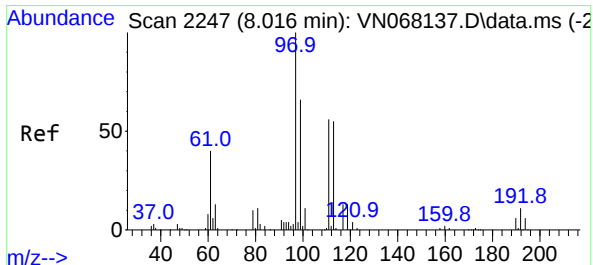
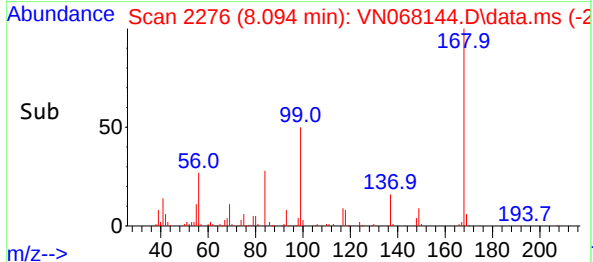
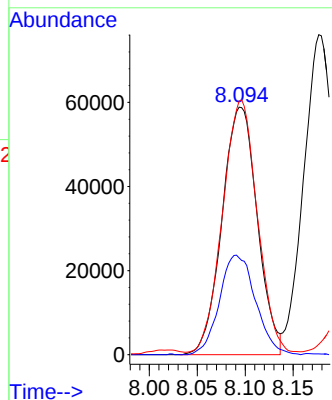
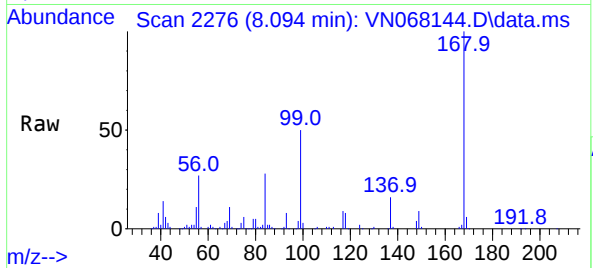




#31  
Cyclohexane  
Concen: 19.032 ug/l  
RT: 8.094 min Scan# 2276  
Delta R.T. -0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

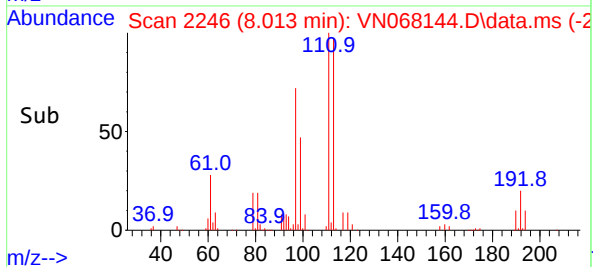
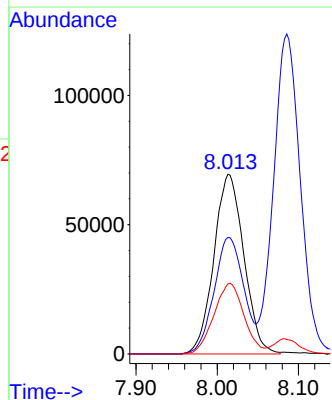
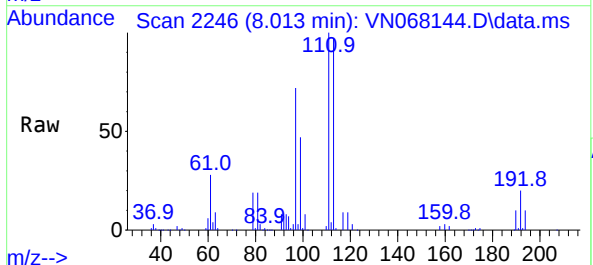
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

Tgt Ion: 56 Resp: 150739  
Ion Ratio Lower Upper  
56 100  
69 39.1 27.3 40.9  
84 101.2 64.9 97.3#



#32  
1,1,1-Trichloroethane  
Concen: 19.701 ug/l  
RT: 8.013 min Scan# 2246  
Delta R.T. -0.003 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion: 97 Resp: 178272  
Ion Ratio Lower Upper  
97 100  
99 64.5 50.2 75.2  
61 39.5 38.2 57.2



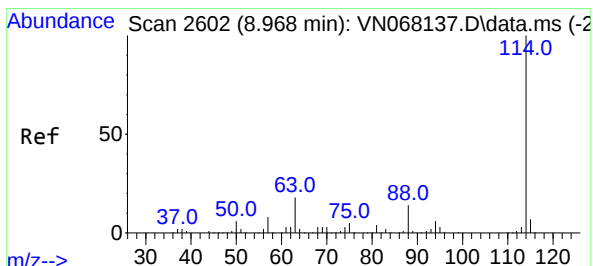
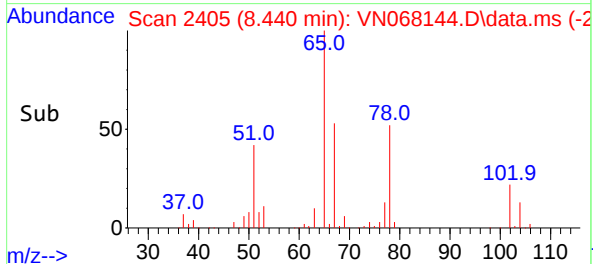
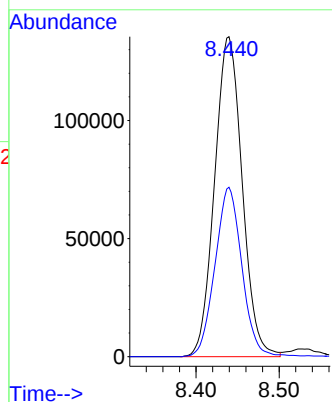
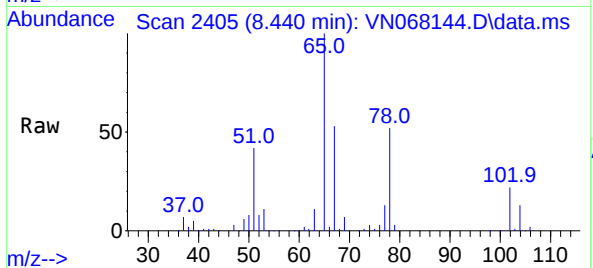


#33

1,2-Dichloroethane-d4  
Concen: 52.074 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. -0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

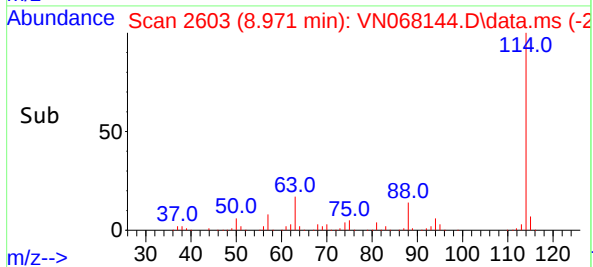
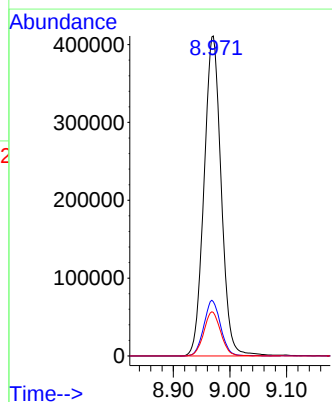
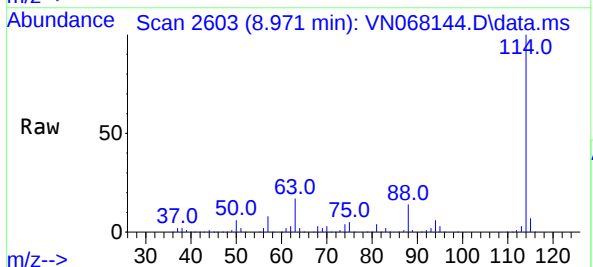
Tgt Ion: 65 Resp: 313137  
Ion Ratio Lower Upper  
65 100  
67 51.3 0.0 98.6

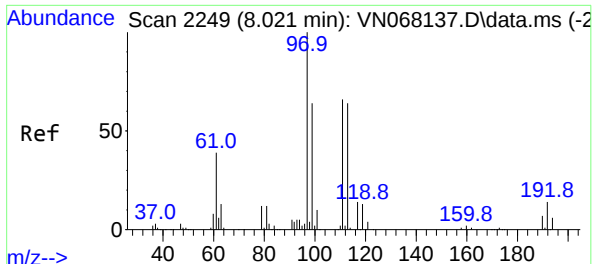


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. 0.003 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion: 114 Resp: 863598  
Ion Ratio Lower Upper  
114 100  
63 16.9 0.0 49.0  
88 13.6 0.0 36.6

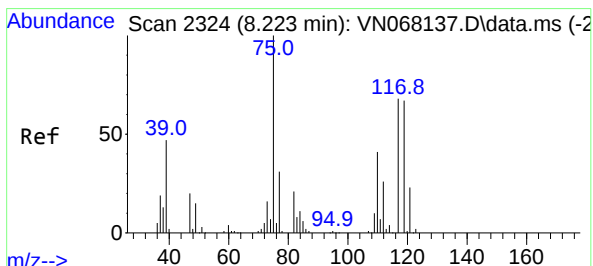
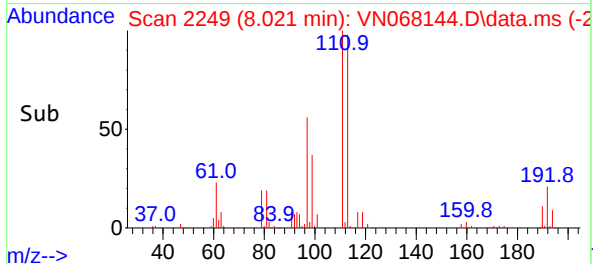
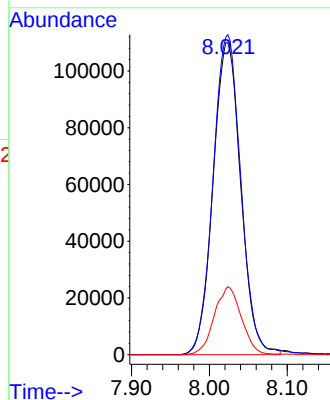
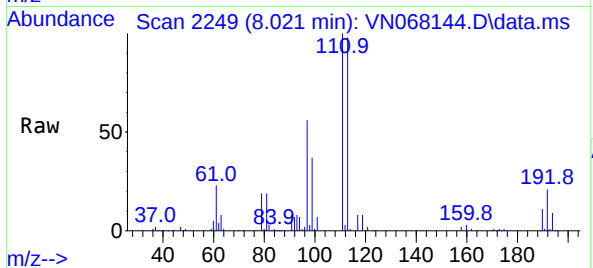




#35  
Dibromofluoromethane  
Concen: 49.969 ug/l  
RT: 8.021 min Scan# 2249  
Delta R.T. 0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

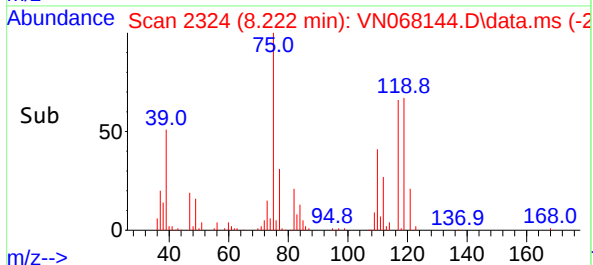
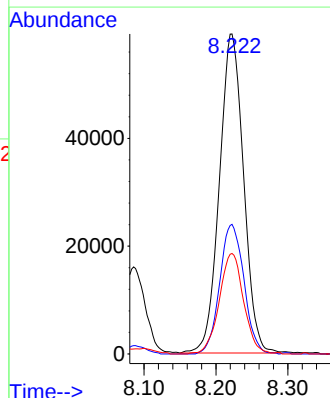
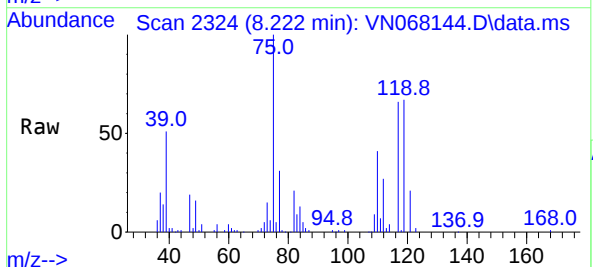
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

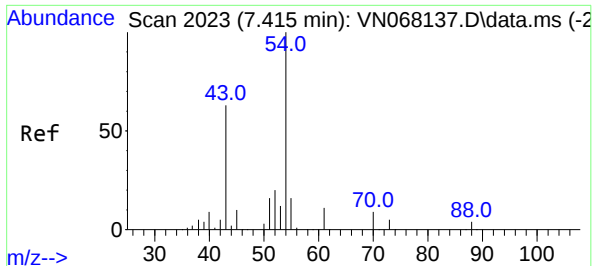
Tgt Ion:113 Resp: 270925  
Ion Ratio Lower Upper  
113 100  
111 102.4 83.8 125.8  
192 21.4 13.4 20.0#



#36  
1,1-Dichloropropene  
Concen: 19.573 ug/l  
RT: 8.222 min Scan# 2324  
Delta R.T. -0.001 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion: 75 Resp: 138178  
Ion Ratio Lower Upper  
75 100  
110 40.8 15.7 47.0  
77 31.7 24.6 37.0



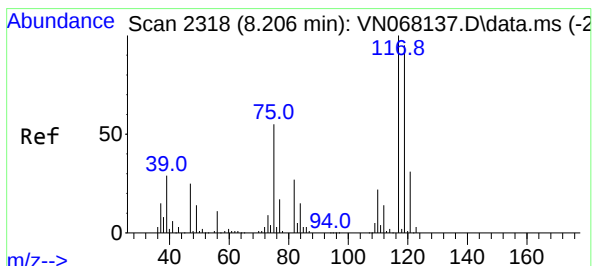
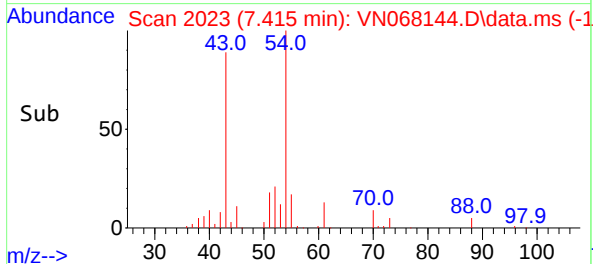
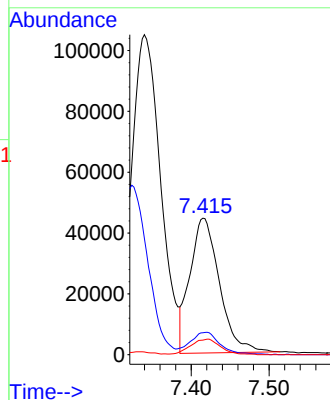
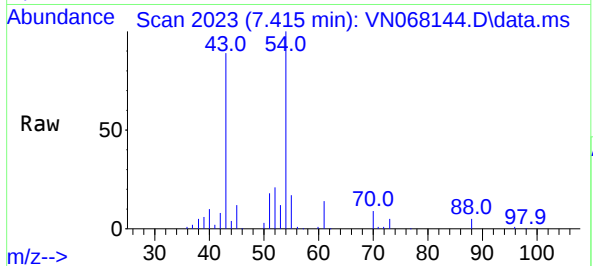


#37  
Ethyl Acetate  
Concen: 19.492 ug/l  
RT: 7.415 min Scan# 2023  
Delta R.T. -0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

Tgt Ion: 43 Resp: 117227

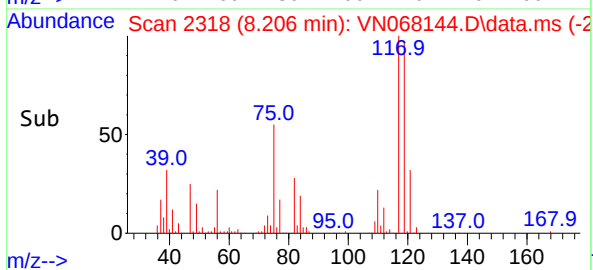
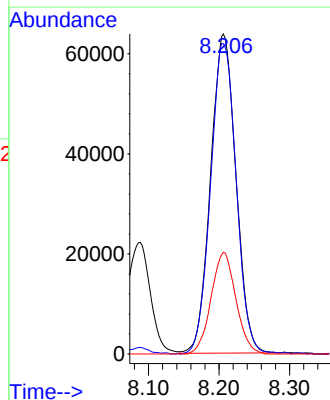
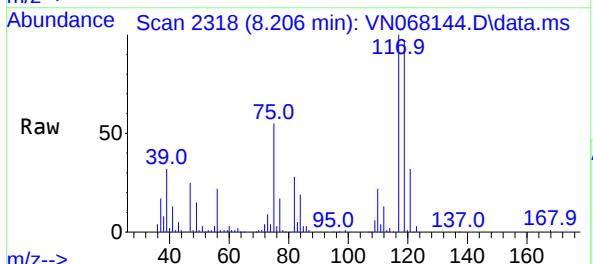
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 16.9  | 10.6  | 16.0# |
| 70  | 11.7  | 8.1   | 12.1  |

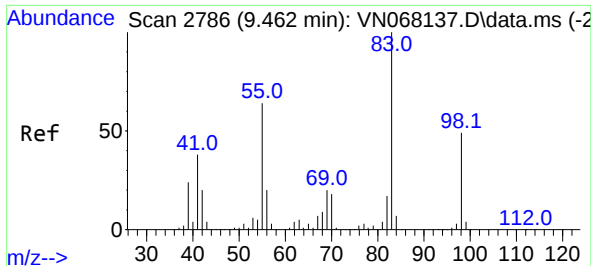


#38  
Carbon Tetrachloride  
Concen: 19.549 ug/l  
RT: 8.206 min Scan# 2318  
Delta R.T. 0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion: 117 Resp: 159174

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 97.2  | 75.4  | 113.2 |
| 121 | 31.9  | 23.5  | 35.3  |

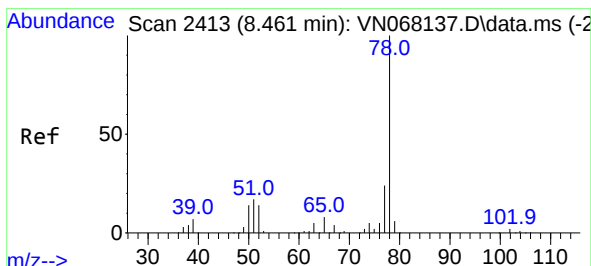
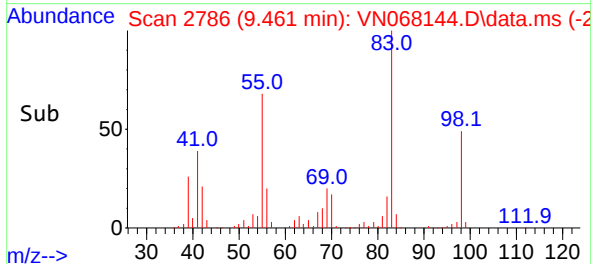
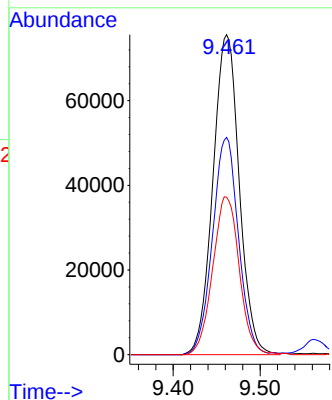
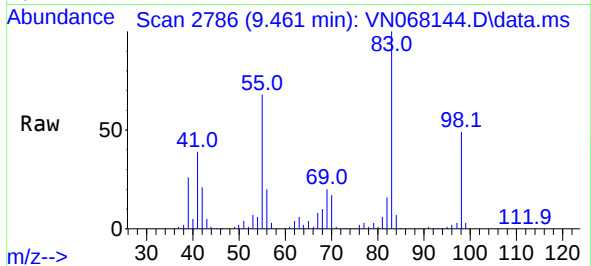




#39  
Methylcyclohexane  
Concen: 19.955 ug/l  
RT: 9.461 min Scan# 2786  
Delta R.T. -0.001 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

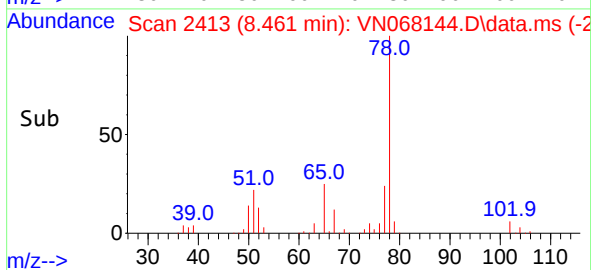
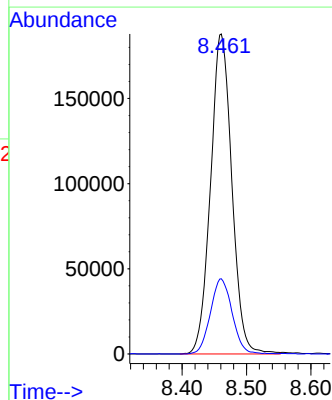
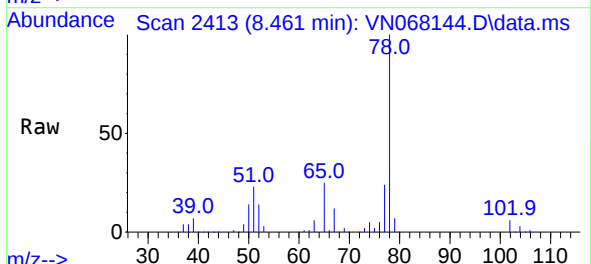
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

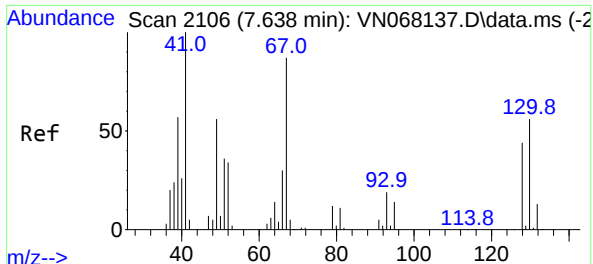
Tgt Ion: 83 Resp: 159101  
Ion Ratio Lower Upper  
83 100  
55 67.9 66.6 99.8  
98 49.2 35.3 52.9



#40  
Benzene  
Concen: 20.035 ug/l  
RT: 8.461 min Scan# 2413  
Delta R.T. -0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion: 78 Resp: 431699  
Ion Ratio Lower Upper  
78 100  
77 23.5 18.9 28.3



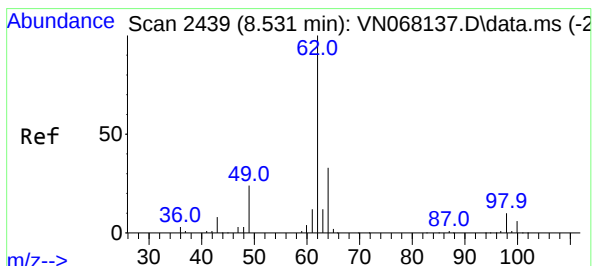
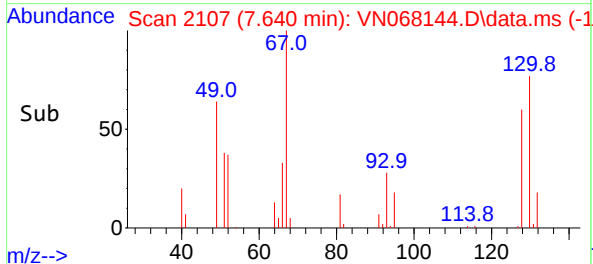
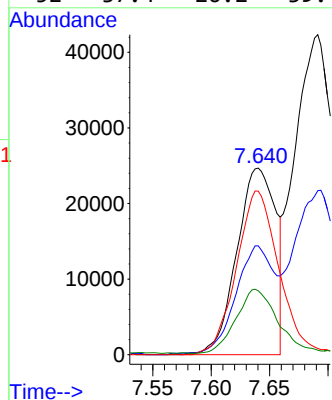
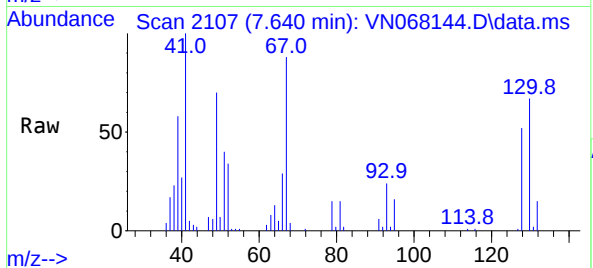


#41  
Methacrylonitrile  
Concen: 20.769 ug/l  
RT: 7.640 min Scan# 2107  
Delta R.T. 0.002 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

Tgt Ion: 41 Resp: 57029

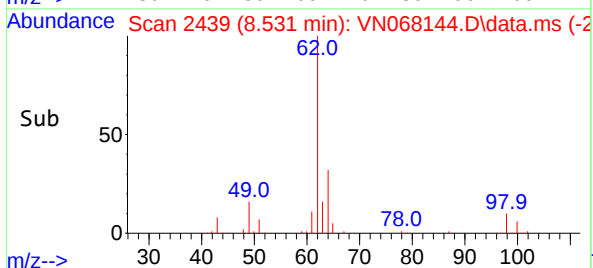
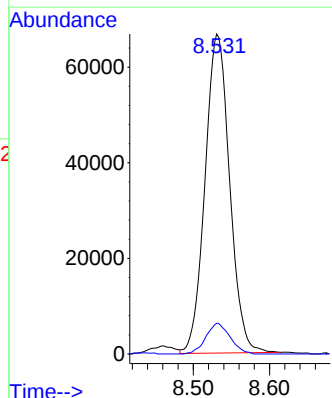
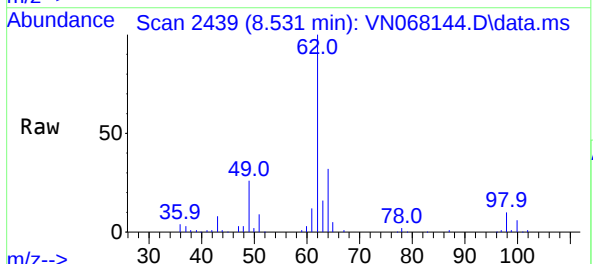
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 59.3  | 47.6  | 71.4  |
| 67  | 96.3  | 57.7  | 86.5# |
| 52  | 37.4  | 26.2  | 39.4  |

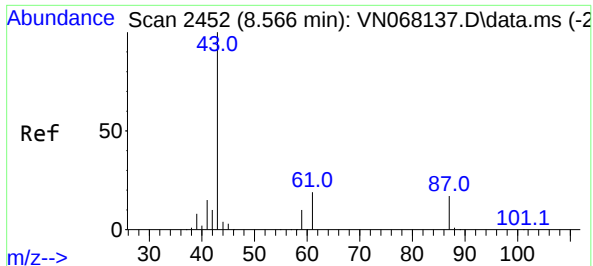


#42  
1,2-Dichloroethane  
Concen: 20.377 ug/l  
RT: 8.531 min Scan# 2439  
Delta R.T. -0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion: 62 Resp: 149559

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.5   | 0.0   | 14.2  |

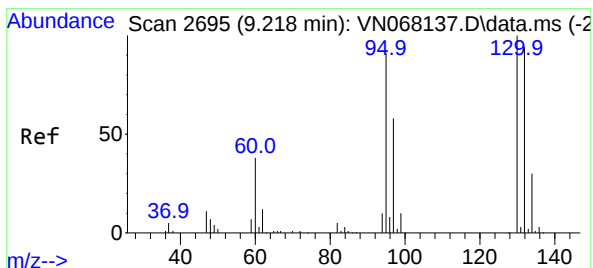
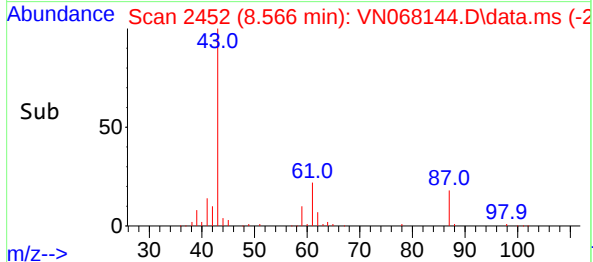
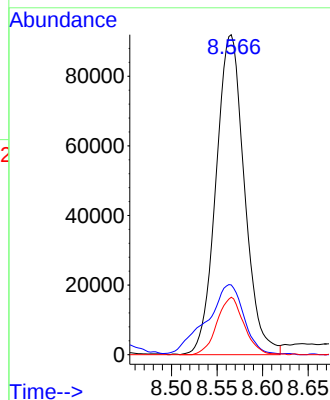
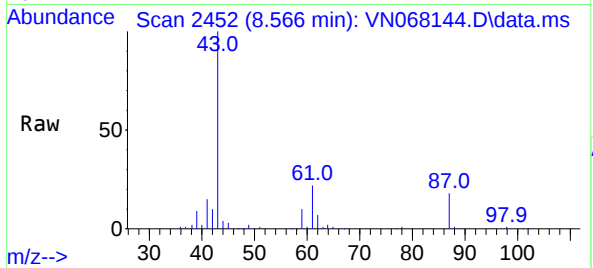




#43  
Isopropyl Acetate  
Concen: 20.716 ug/l  
RT: 8.566 min Scan# 2452  
Delta R.T. -0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

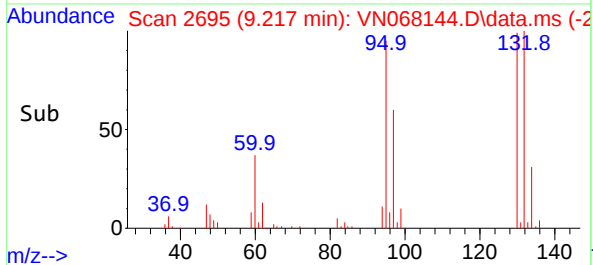
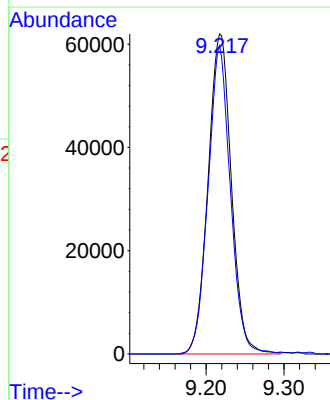
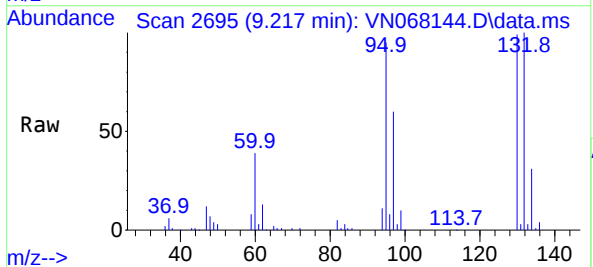
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

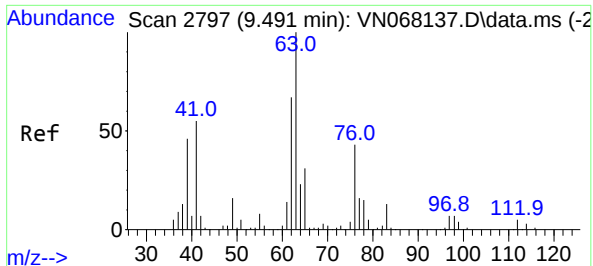
Tgt Ion: 43 Resp: 199569  
Ion Ratio Lower Upper  
43 100  
61 28.1 19.0 28.4  
87 17.0 9.5 14.3#



#44  
Trichloroethene  
Concen: 19.887 ug/l  
RT: 9.217 min Scan# 2695  
Delta R.T. -0.001 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion:130 Resp: 128858  
Ion Ratio Lower Upper  
130 100  
95 96.3 0.0 234.4

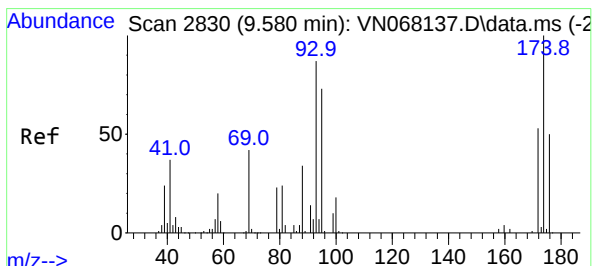
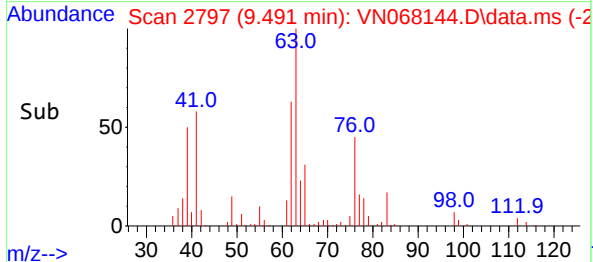
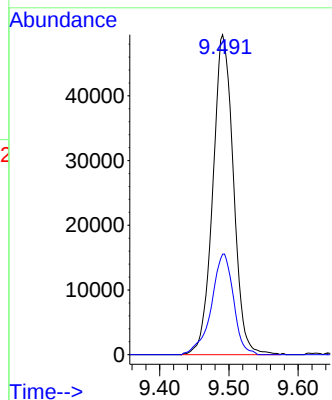
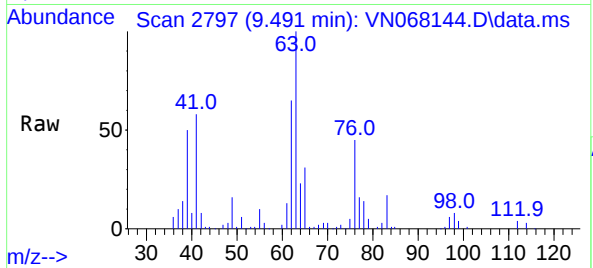




#45  
1,2-Dichloropropane  
Concen: 20.165 ug/l  
RT: 9.491 min Scan# 2797  
Delta R.T. -0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

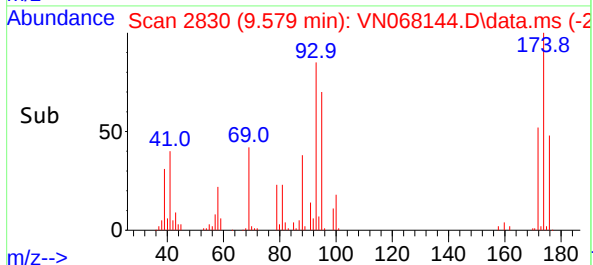
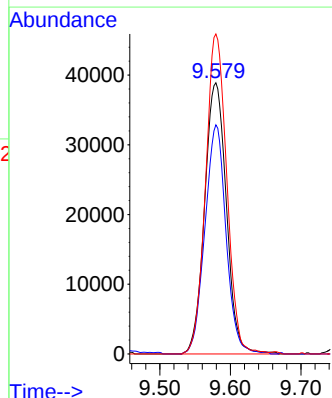
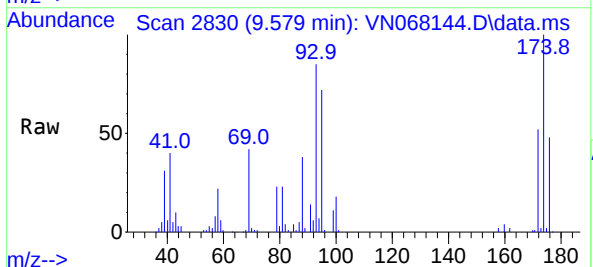
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

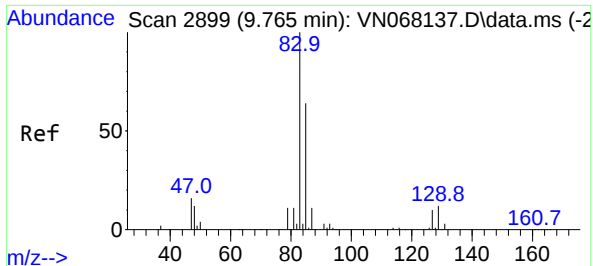
Tgt Ion: 63 Resp: 102200  
Ion Ratio Lower Upper  
63 100  
65 31.4 24.3 36.5



#46  
Dibromomethane  
Concen: 20.207 ug/l  
RT: 9.579 min Scan# 2830  
Delta R.T. -0.001 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion: 93 Resp: 83543  
Ion Ratio Lower Upper  
93 100  
95 81.9 66.1 99.1  
174 114.5 61.0 91.4#

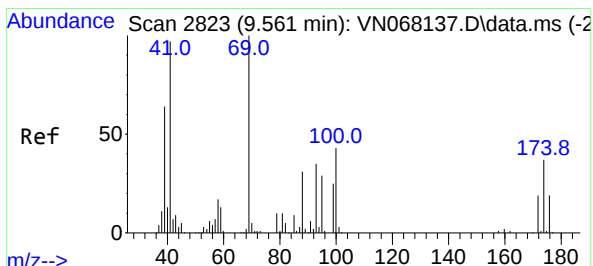
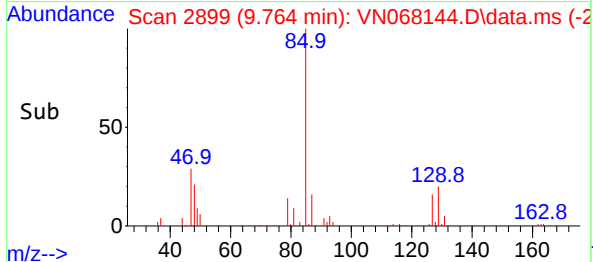
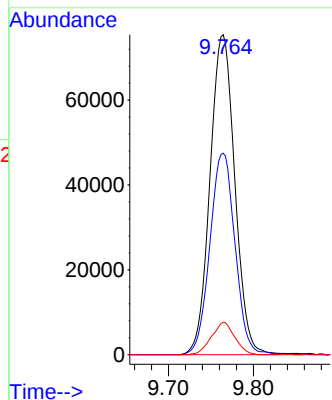
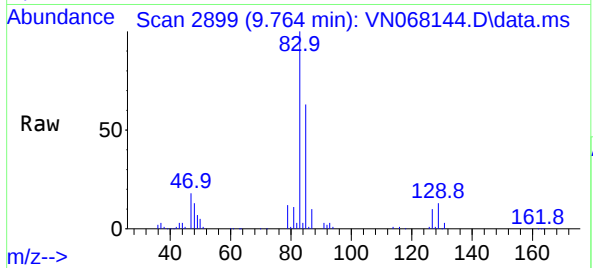




#47  
Bromodichloromethane  
Concen: 19.932 ug/l  
RT: 9.764 min Scan# 2899  
Delta R.T. -0.001 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

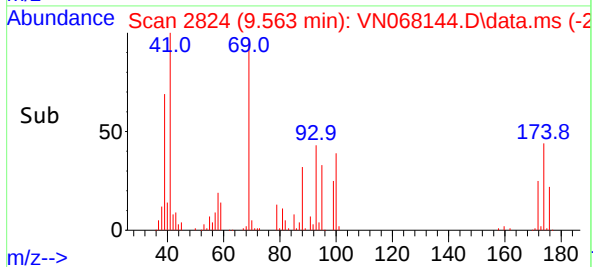
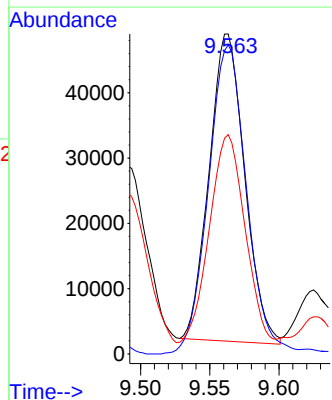
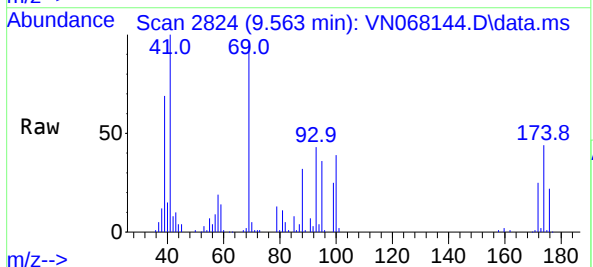
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

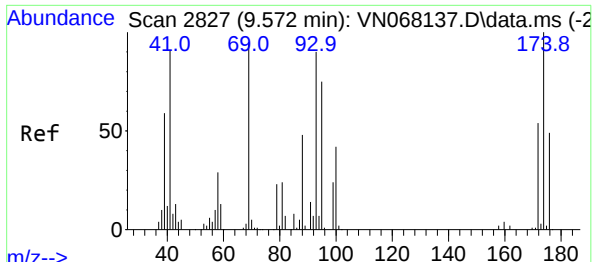
Tgt Ion: 83 Resp: 153133  
Ion Ratio Lower Upper  
83 100  
85 62.9 49.9 74.9  
127 10.2 6.1 9.1#



#48  
Methyl methacrylate  
Concen: 20.866 ug/l  
RT: 9.563 min Scan# 2824  
Delta R.T. 0.002 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion: 41 Resp: 83768  
Ion Ratio Lower Upper  
41 100  
69 108.4 64.6 96.8#  
39 69.2 53.3 79.9

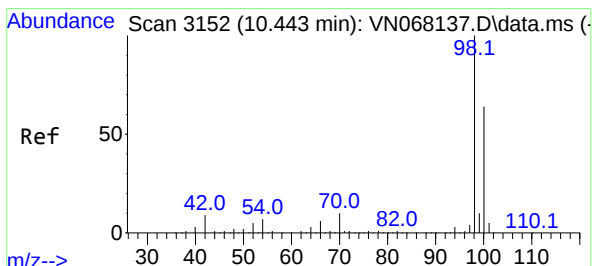
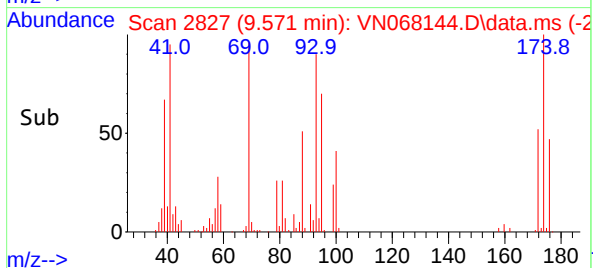
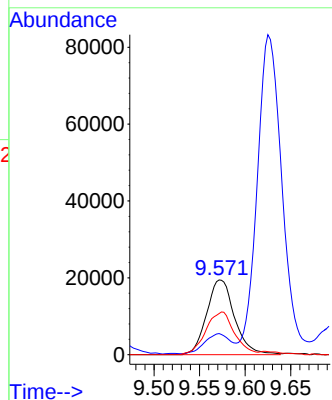
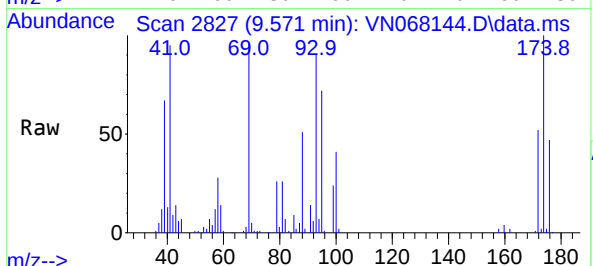




#49  
1,4-Dioxane  
Concen: 427.681 ug/l  
RT: 9.571 min Scan# 2827  
Delta R.T. -0.001 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

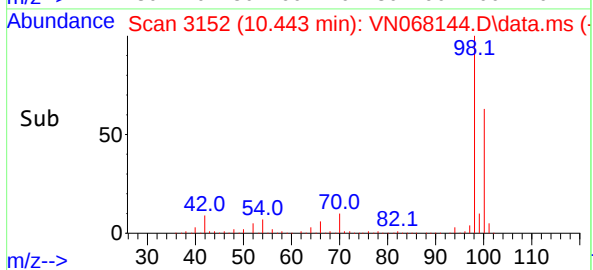
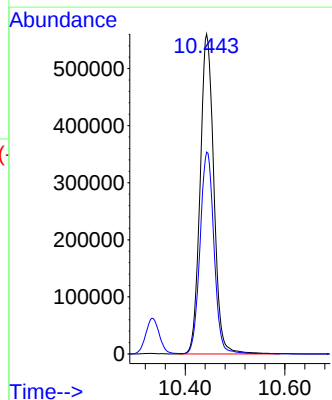
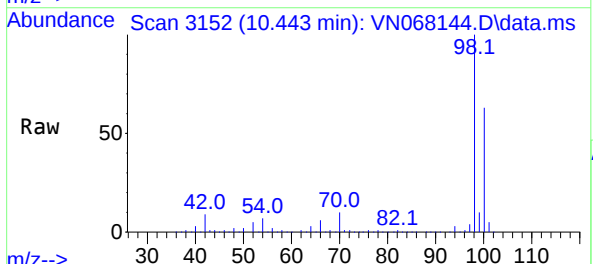
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0817WBSD01

Tgt Ion: 88 Resp: 41501  
Ion Ratio Lower Upper  
88 100  
43 24.5 28.8 43.2#  
58 58.7 60.4 90.6#



#50  
Toluene-d8  
Concen: 51.838 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. -0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion: 98 Resp: 1070932  
Ion Ratio Lower Upper  
98 100  
100 63.9 51.7 77.5

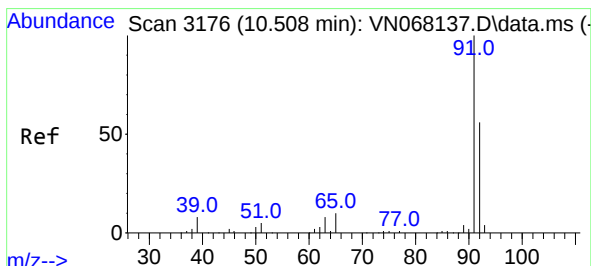
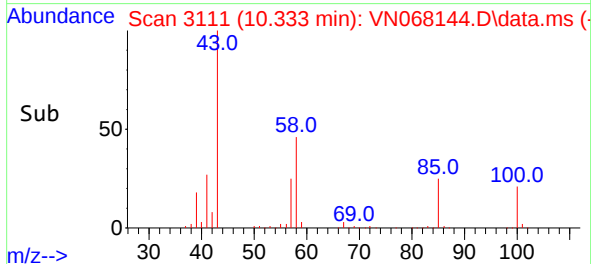
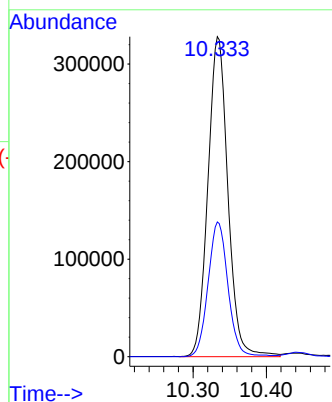
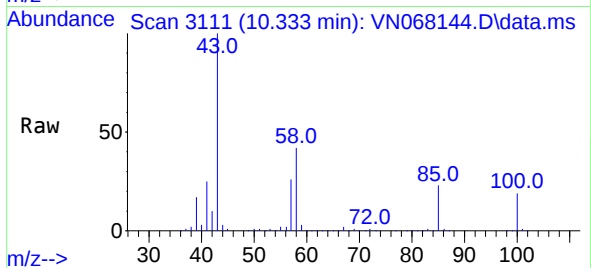




#51  
4-Methyl-2-Pentanone  
Concen: 104.998 ug/l  
RT: 10.333 min Scan# 3111  
Delta R.T. -0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

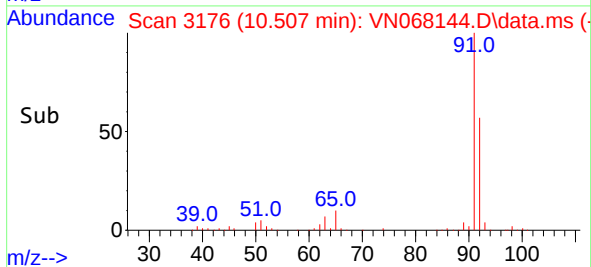
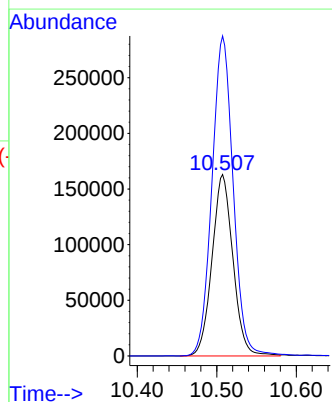
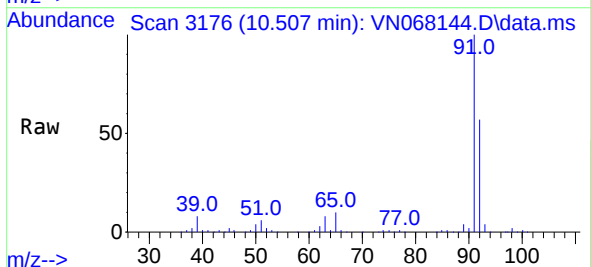
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

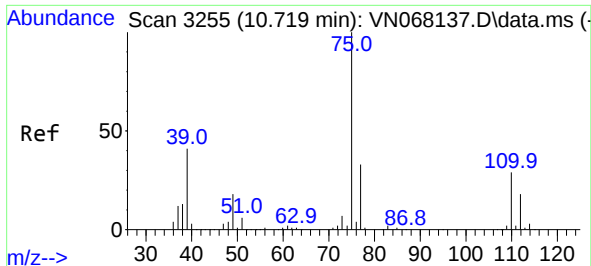
Tgt Ion: 43 Resp: 621359  
Ion Ratio Lower Upper  
43 100  
58 41.7 28.6 43.0



#52  
Toluene  
Concen: 20.299 ug/l  
RT: 10.507 min Scan# 3176  
Delta R.T. -0.001 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion: 92 Resp: 298182  
Ion Ratio Lower Upper  
92 100  
91 179.0 139.6 209.4

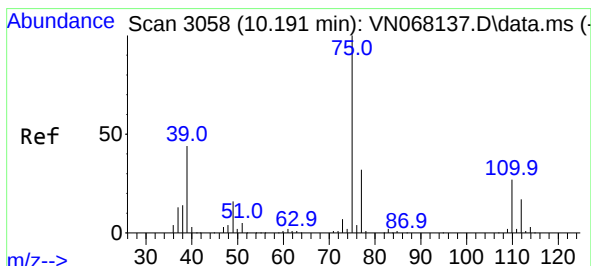
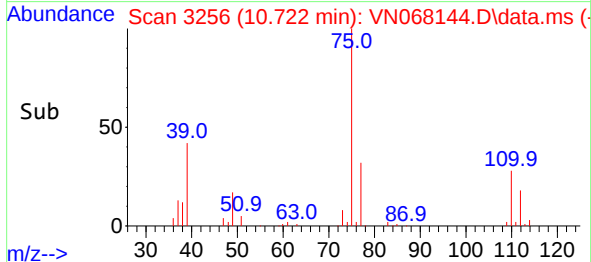
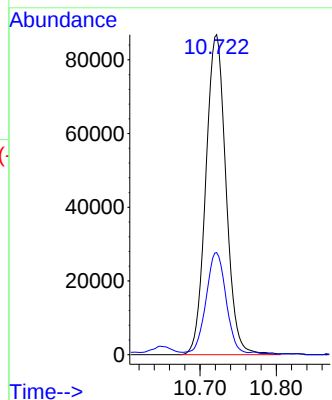
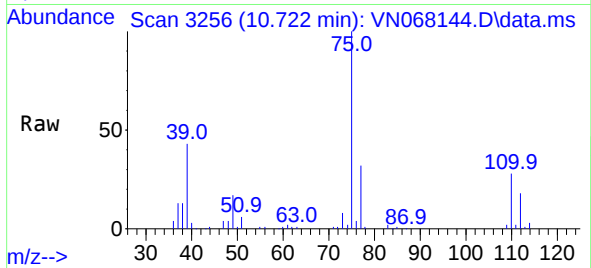




#53  
t-1,3-Dichloropropene  
Concen: 21.136 ug/l  
RT: 10.722 min Scan# 3256  
Delta R.T. 0.003 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

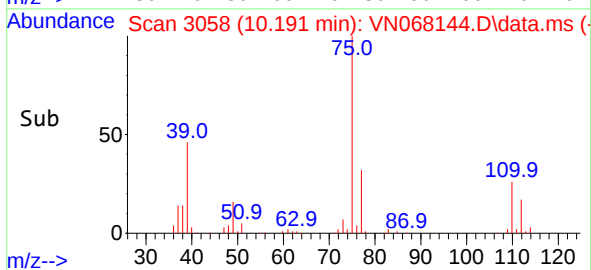
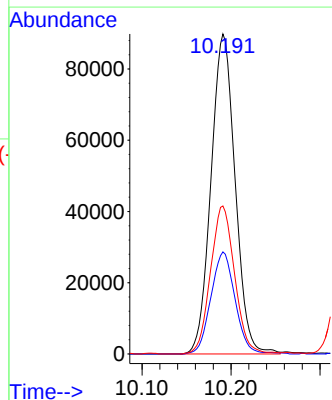
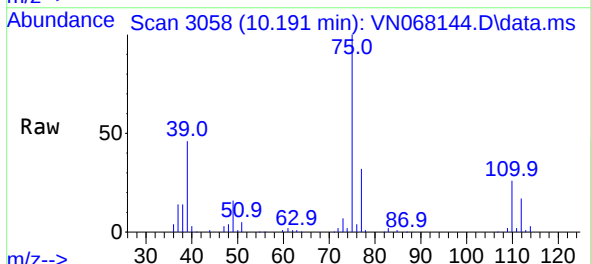
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

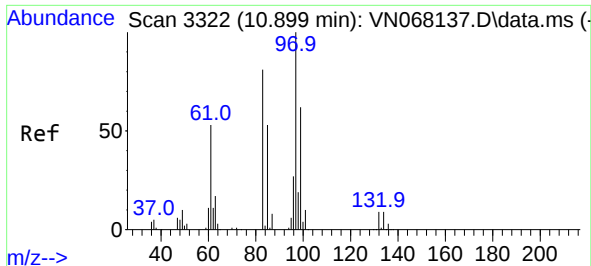
Tgt Ion: 75 Resp: 159490  
Ion Ratio Lower Upper  
75 100  
77 31.6 25.1 37.7



#54  
cis-1,3-Dichloropropene  
Concen: 20.709 ug/l  
RT: 10.191 min Scan# 3058  
Delta R.T. -0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion: 75 Resp: 169313  
Ion Ratio Lower Upper  
75 100  
77 31.9 24.6 37.0  
39 46.2 50.7 76.1#



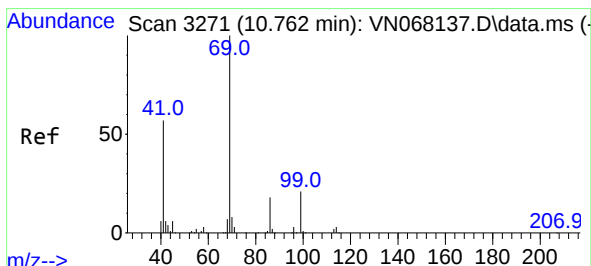
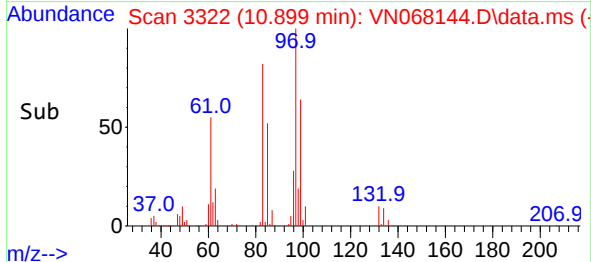
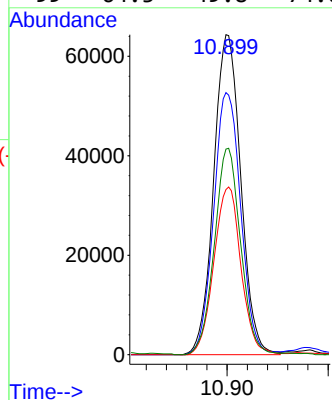
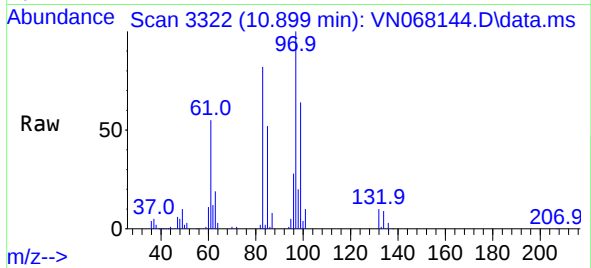


#55  
1,1,2-Trichloroethane  
Concen: 20.397 ug/l  
RT: 10.899 min Scan# 3322  
Delta R.T. -0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

Tgt Ion: 97 Resp: 119733

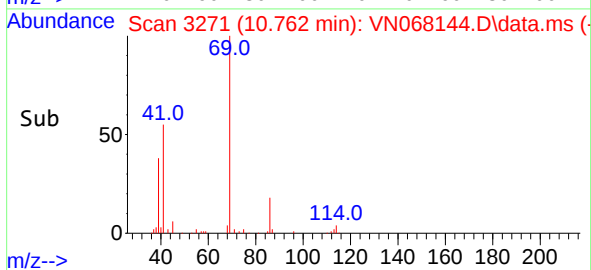
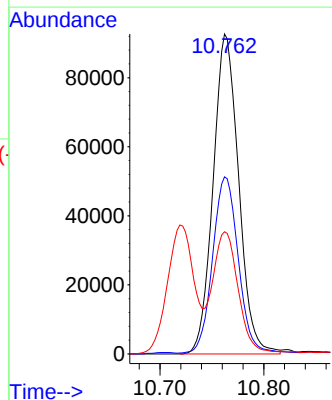
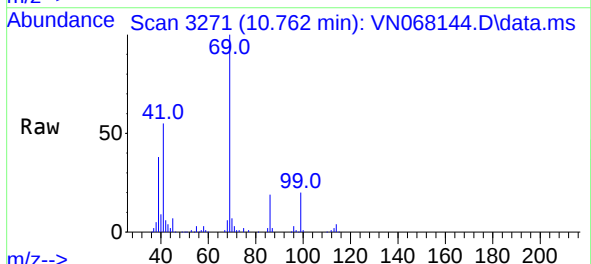
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 81.9  | 72.0  | 108.0 |
| 85  | 51.6  | 46.8  | 70.2  |
| 99  | 64.3  | 49.8  | 74.6  |

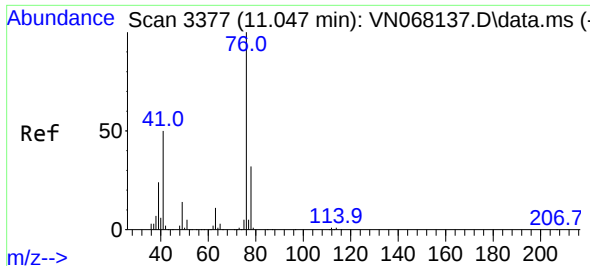


#56  
Ethyl methacrylate  
Concen: 21.002 ug/l  
RT: 10.762 min Scan# 3271  
Delta R.T. 0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion: 69 Resp: 158319

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 55.3  | 58.6  | 88.0# |
| 39  | 36.7  | 38.3  | 57.5# |

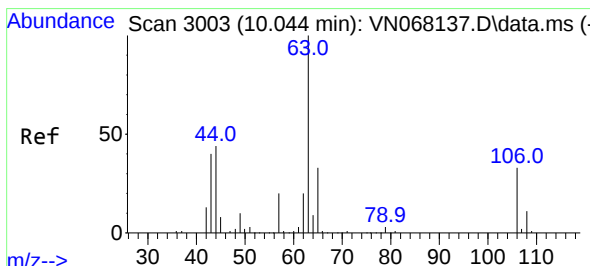
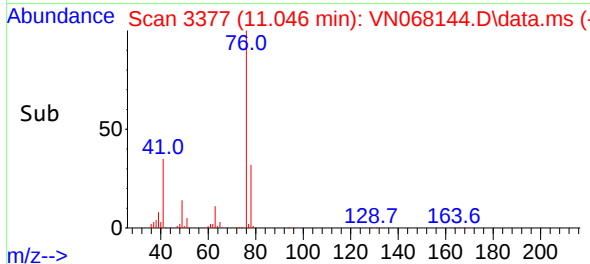
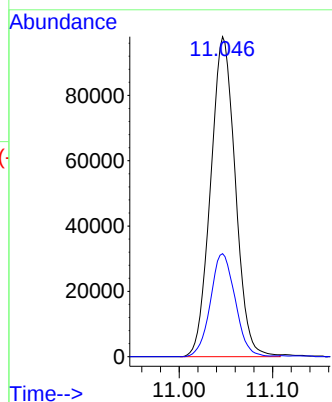
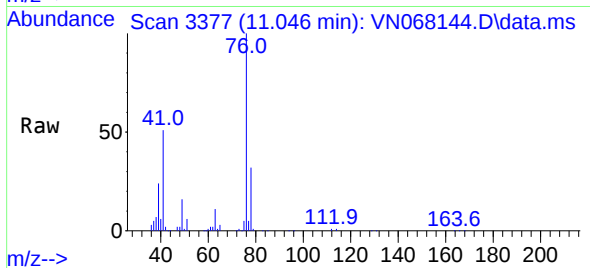




#57  
1,3-Dichloropropane  
Concen: 19.915 ug/l  
RT: 11.046 min Scan# 3377  
Delta R.T. -0.001 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

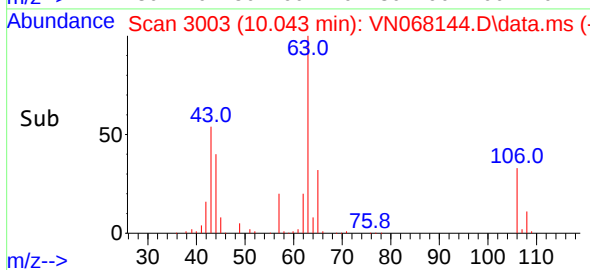
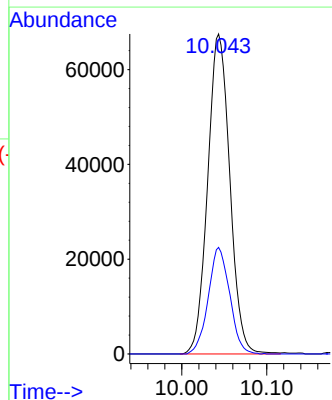
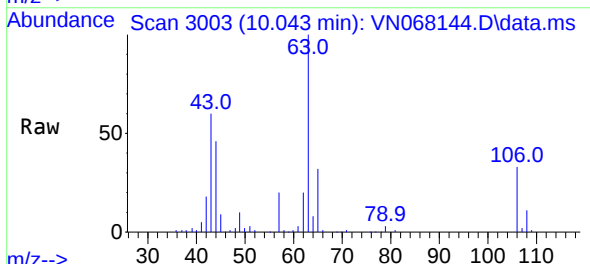
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

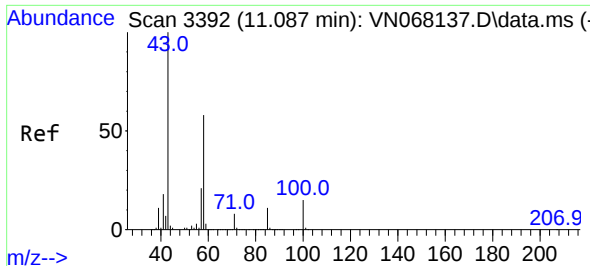
Tgt Ion: 76 Resp: 180052  
Ion Ratio Lower Upper  
76 100  
78 32.3 25.7 38.5



#58  
2-Chloroethyl Vinyl ether  
Concen: 88.748 ug/l  
RT: 10.043 min Scan# 3003  
Delta R.T. -0.001 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion: 63 Resp: 122288  
Ion Ratio Lower Upper  
63 100  
106 32.2 19.8 29.8#

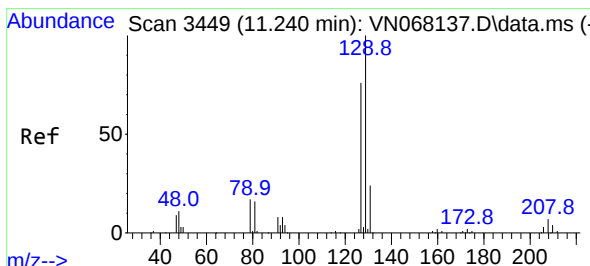
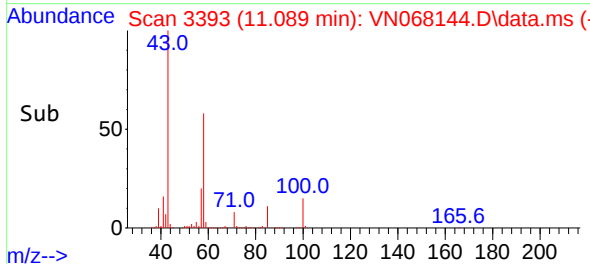
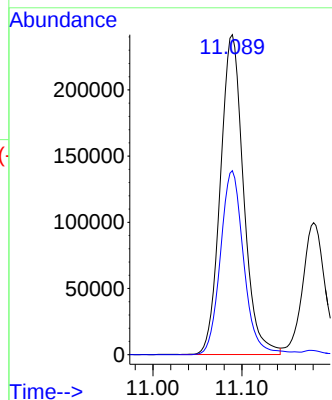
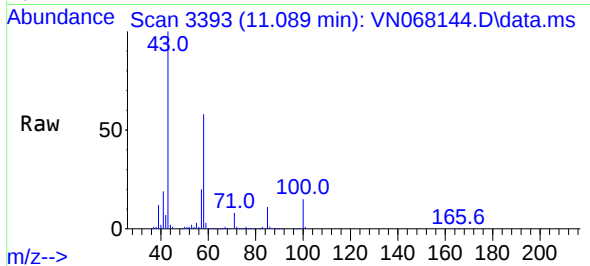




#59  
2-Hexanone  
Concen: 106.310 ug/l  
RT: 11.089 min Scan# 3393  
Delta R.T. 0.002 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

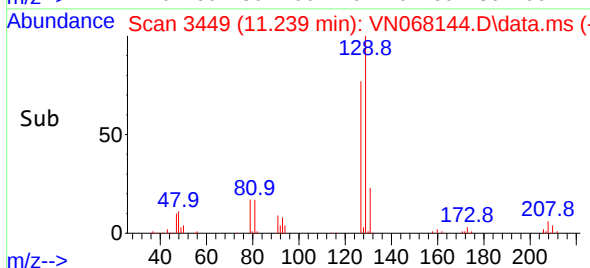
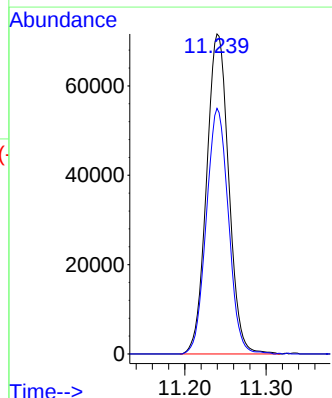
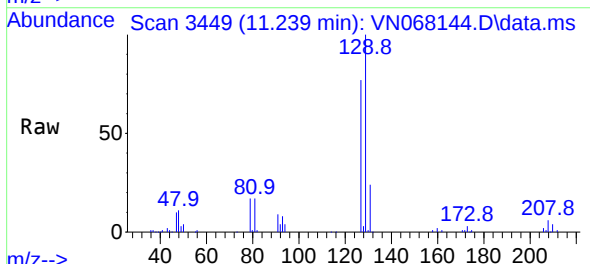
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

Tgt Ion: 43 Resp: 436838  
Ion Ratio Lower Upper  
43 100  
58 57.8 24.7 74.1



#60  
Dibromochloromethane  
Concen: 20.523 ug/l  
RT: 11.239 min Scan# 3449  
Delta R.T. -0.001 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion:129 Resp: 135910  
Ion Ratio Lower Upper  
129 100  
127 76.6 38.6 115.8

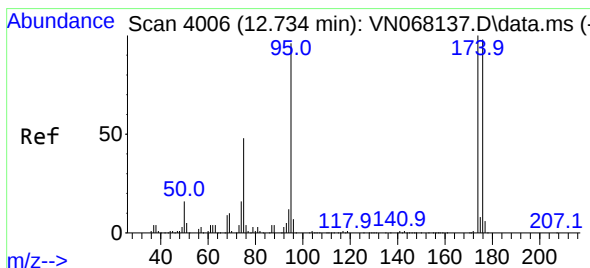
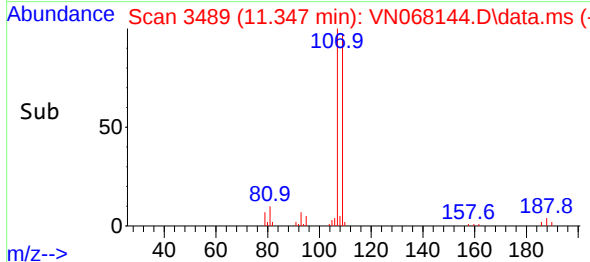
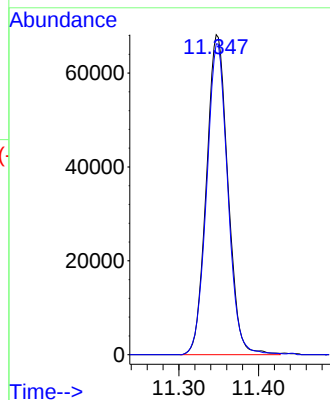
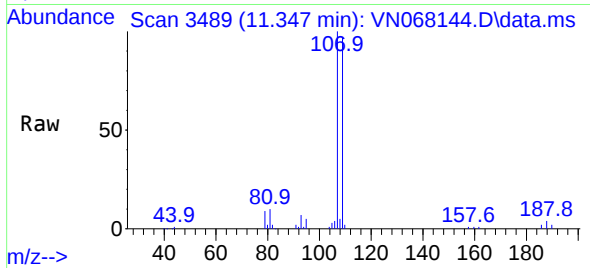




#61  
1,2-Dibromoethane  
Concen: 21.029 ug/l  
RT: 11.347 min Scan# 3489  
Delta R.T. -0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

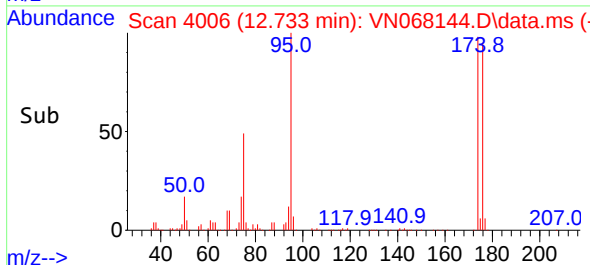
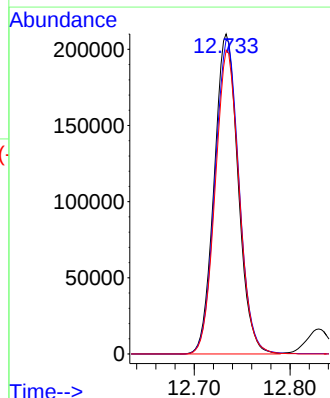
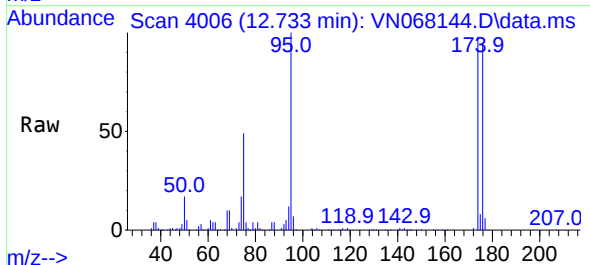
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

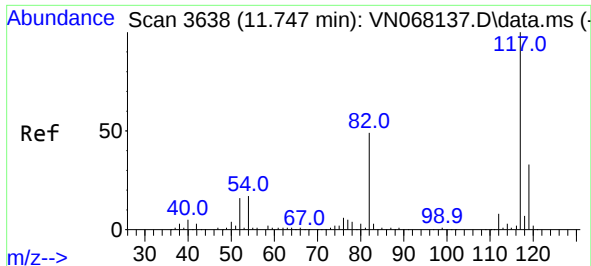
Tgt Ion:107 Resp: 128023  
Ion Ratio Lower Upper  
107 100  
109 95.5 75.0 112.4



#62  
4-Bromofluorobenzene  
Concen: 52.832 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. -0.001 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion: 95 Resp: 363346  
Ion Ratio Lower Upper  
95 100  
174 99.2 0.0 122.0  
176 95.0 0.0 117.6

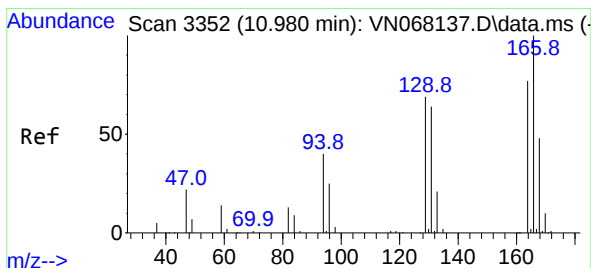
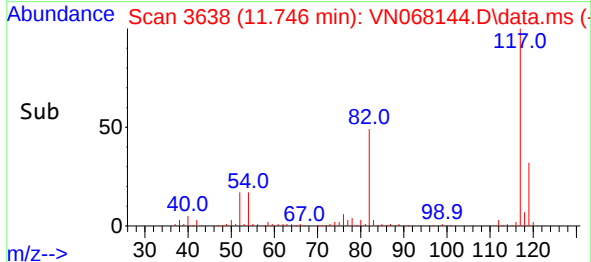
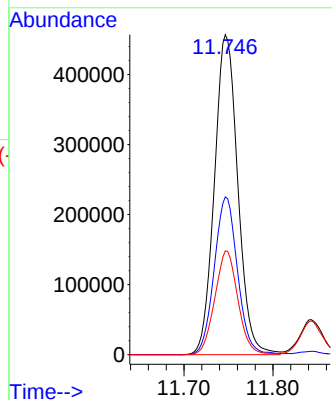
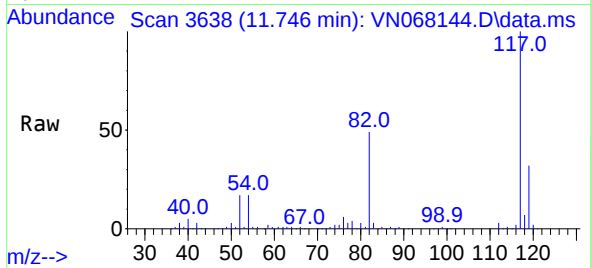




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.746 min Scan# 3638  
Delta R.T. -0.001 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

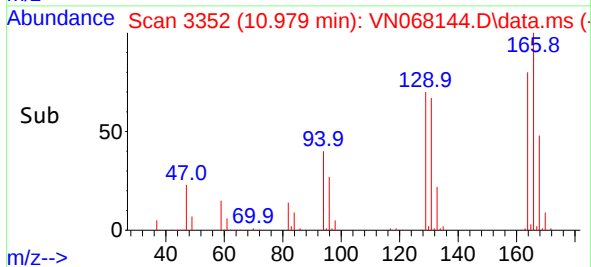
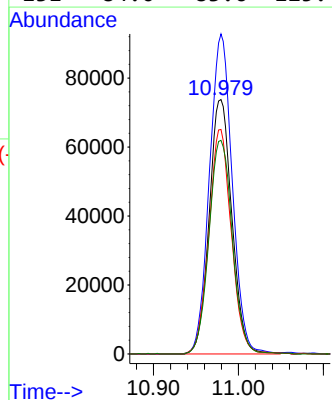
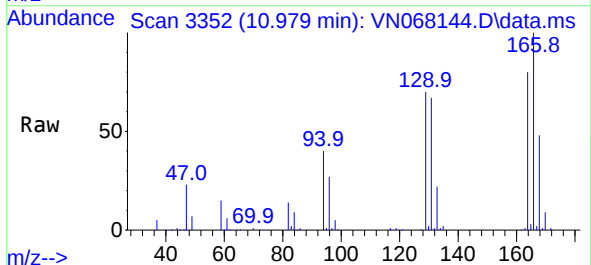
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

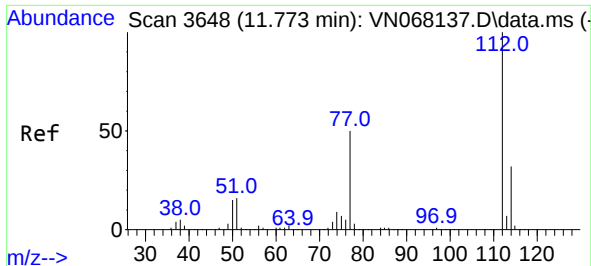
Tgt Ion:117 Resp: 835500  
Ion Ratio Lower Upper  
117 100  
82 49.3 53.1 79.7#  
119 32.4 25.5 38.3



#64  
Tetrachloroethene  
Concen: 21.220 ug/l  
RT: 10.979 min Scan# 3352  
Delta R.T. -0.001 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion:164 Resp: 137093  
Ion Ratio Lower Upper  
164 100  
166 125.8 102.1 153.1  
129 88.2 86.9 130.3  
131 84.0 83.6 125.4

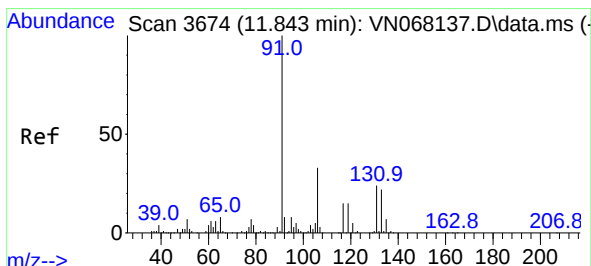
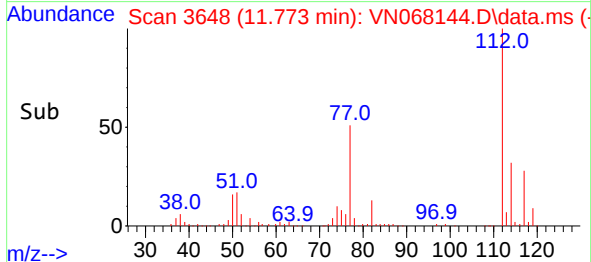
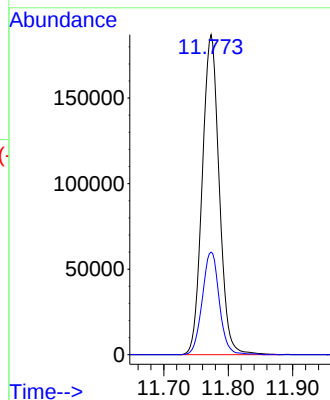
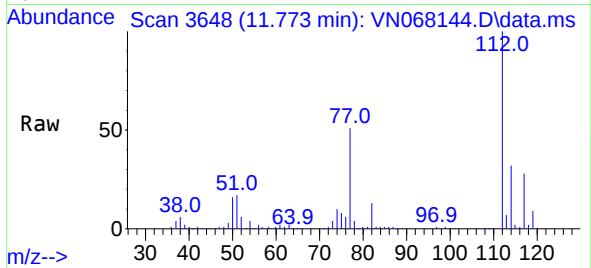




#65  
Chlorobenzene  
Concen: 20.018 ug/l  
RT: 11.773 min Scan# 3648  
Delta R.T. 0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

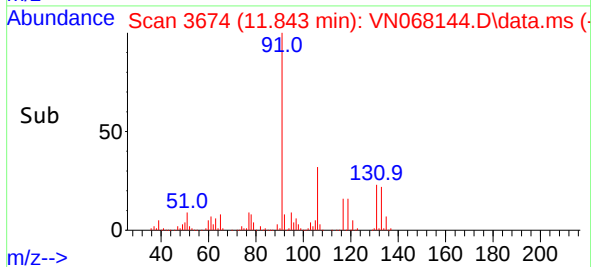
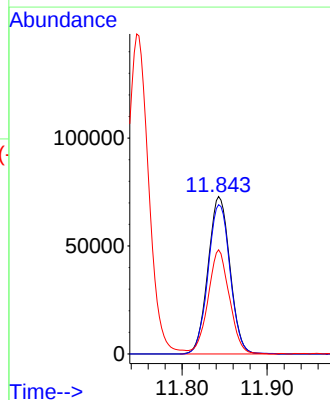
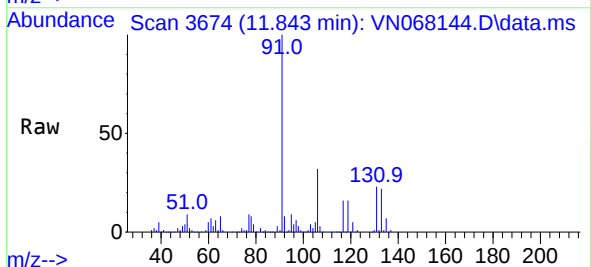
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

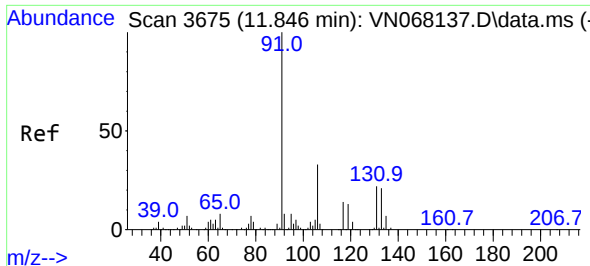
Tgt Ion:112 Resp: 342437  
Ion Ratio Lower Upper  
112 100  
114 32.1 24.6 37.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.277 ug/l  
RT: 11.843 min Scan# 3674  
Delta R.T. -0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion:131 Resp: 130847  
Ion Ratio Lower Upper  
131 100  
133 95.5 47.5 142.5  
119 64.6 33.1 99.3

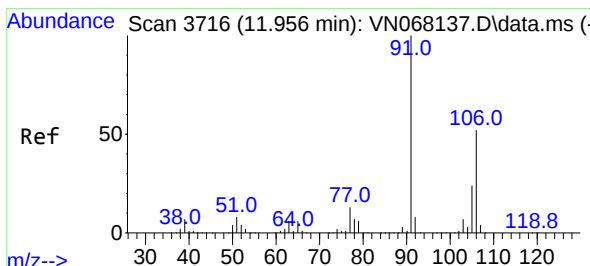
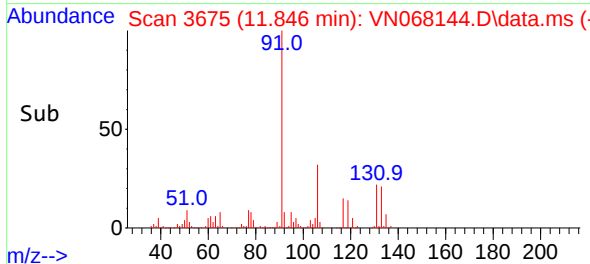
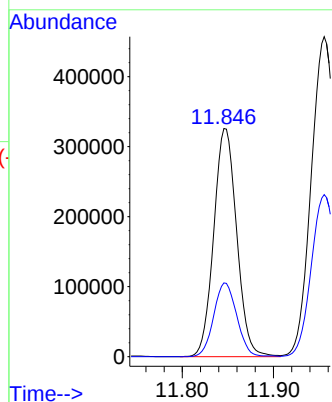
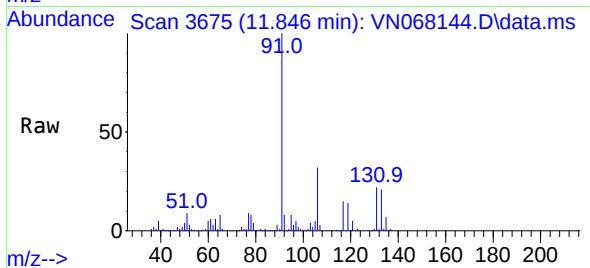




#67  
Ethyl Benzene  
Concen: 20.197 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. -0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

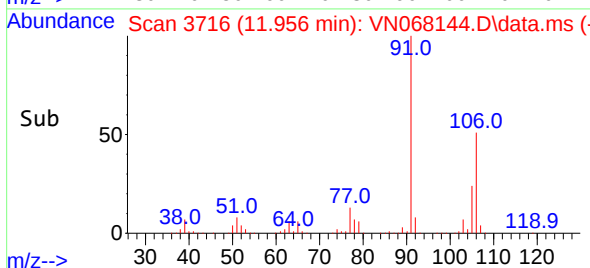
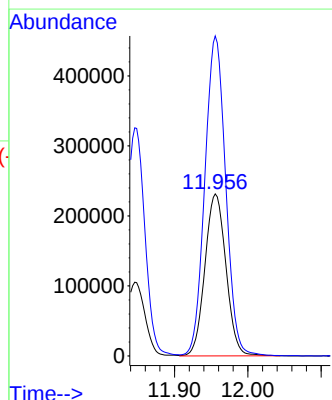
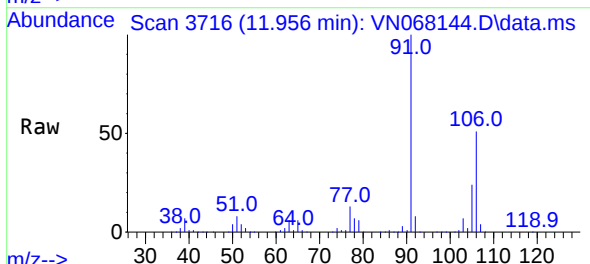
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

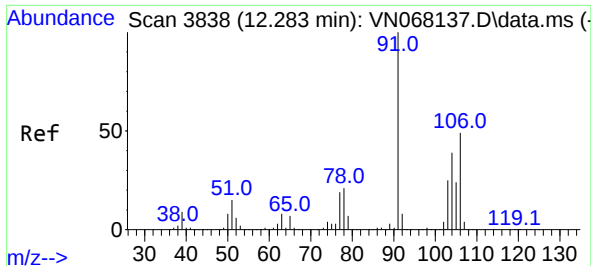
Tgt Ion: 91 Resp: 569899  
Ion Ratio Lower Upper  
91 100  
106 32.3 23.4 35.0



#68  
m/p-Xylenes  
Concen: 40.899 ug/l  
RT: 11.956 min Scan# 3716  
Delta R.T. -0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion:106 Resp: 461667  
Ion Ratio Lower Upper  
106 100  
91 195.3 180.6 270.8

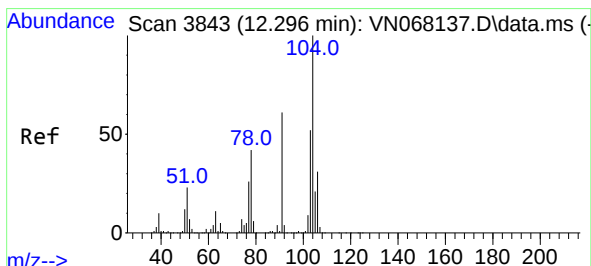
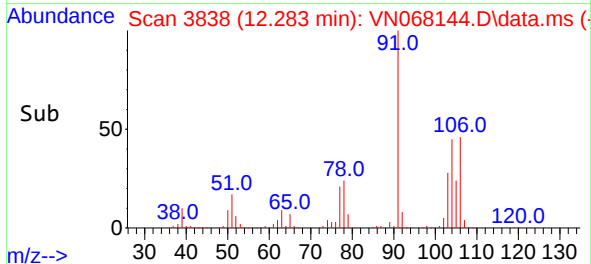
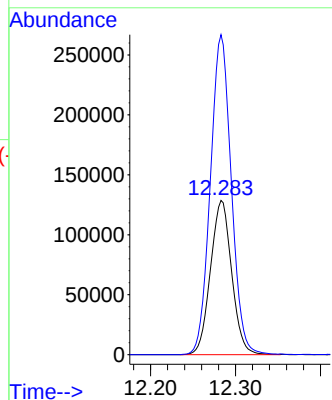
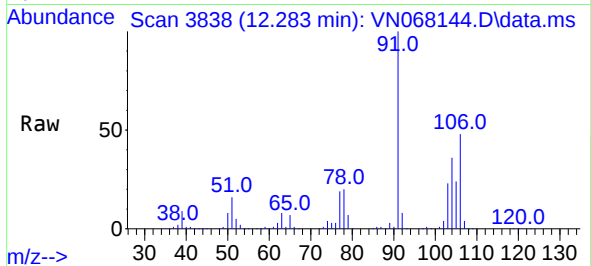




#69  
o-Xylene  
Concen: 20.424 ug/l  
RT: 12.283 min Scan# 3838  
Delta R.T. -0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

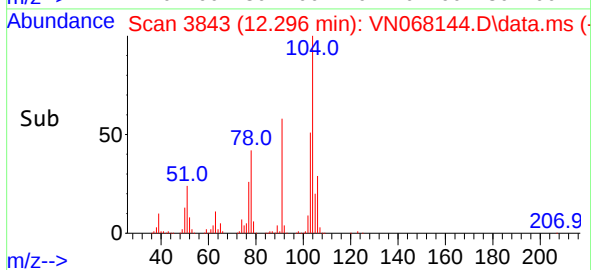
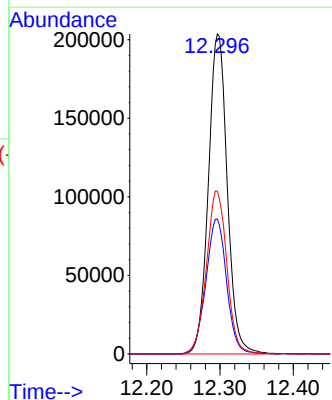
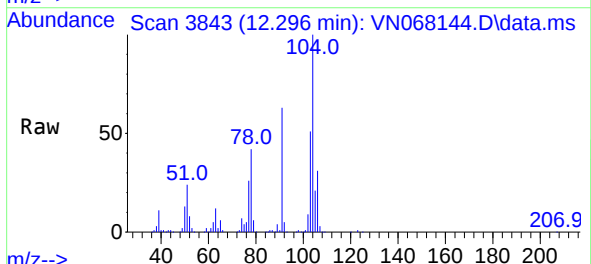
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

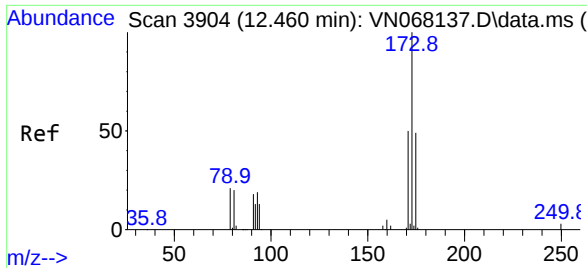
Tgt Ion:106 Resp: 222756  
Ion Ratio Lower Upper  
106 100  
91 205.1 118.3 354.9



#70  
Styrene  
Concen: 20.909 ug/l  
RT: 12.296 min Scan# 3843  
Delta R.T. 0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion:104 Resp: 365013  
Ion Ratio Lower Upper  
104 100  
78 46.3 48.2 72.2#  
103 55.2 44.5 66.7

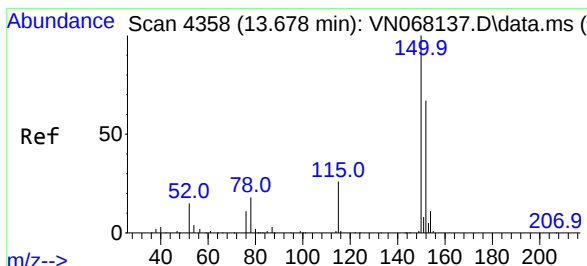
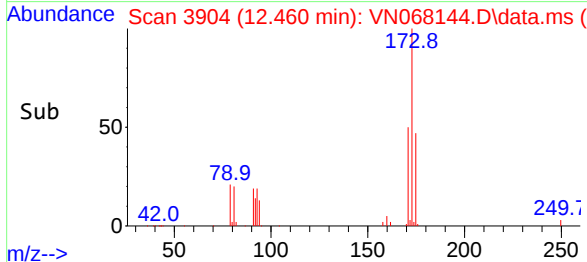
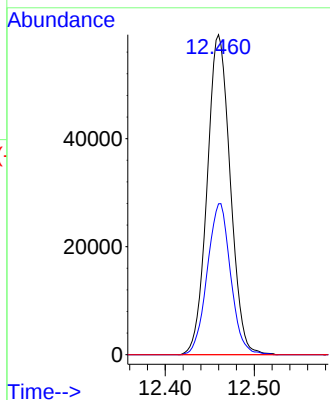
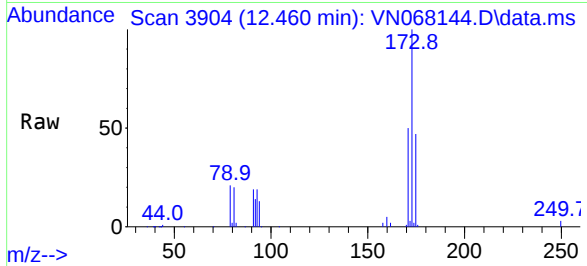




#71  
Bromoform  
Concen: 20.644 ug/l  
RT: 12.460 min Scan# 3904  
Delta R.T. -0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

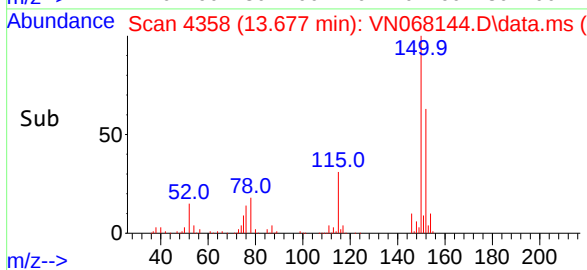
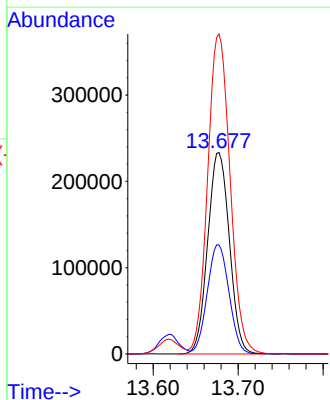
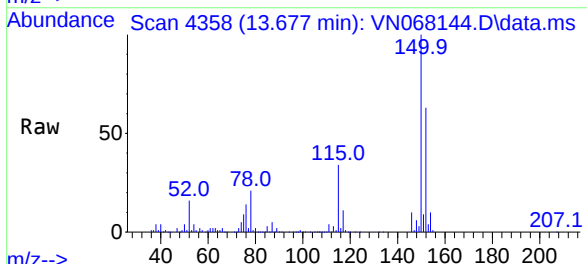
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

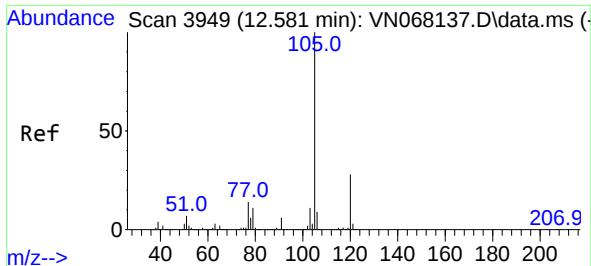
Tgt Ion:173 Resp: 106832  
Ion Ratio Lower Upper  
173 100  
175 47.8 23.9 71.8  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.677 min Scan# 4358  
Delta R.T. -0.001 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion:152 Resp: 414812  
Ion Ratio Lower Upper  
152 100  
115 54.4 36.1 108.5  
150 164.0 0.0 351.8

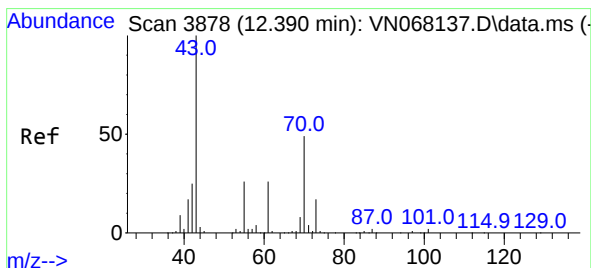
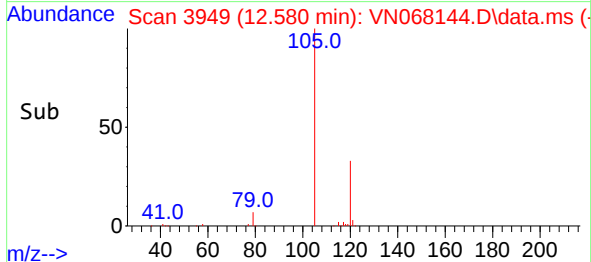
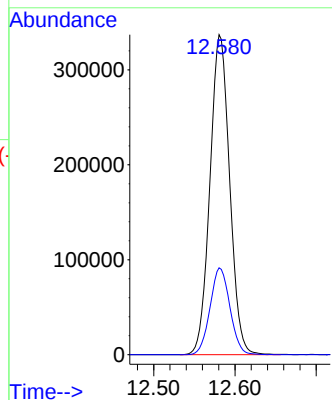
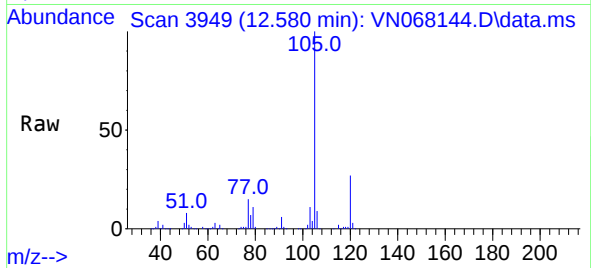




#73  
Isopropylbenzene  
Concen: 19.240 ug/l  
RT: 12.580 min Scan# 3949  
Delta R.T. -0.001 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

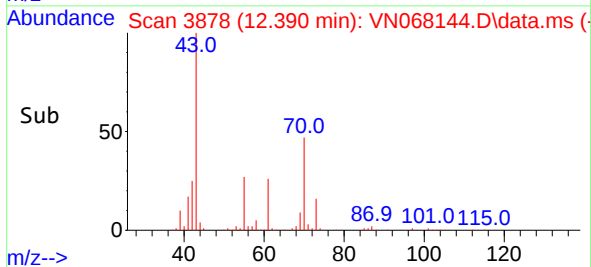
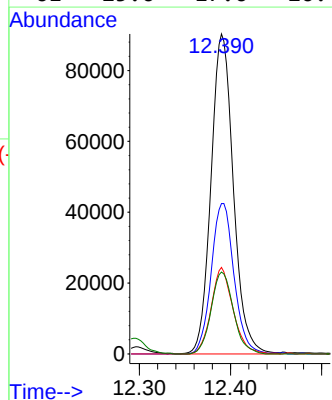
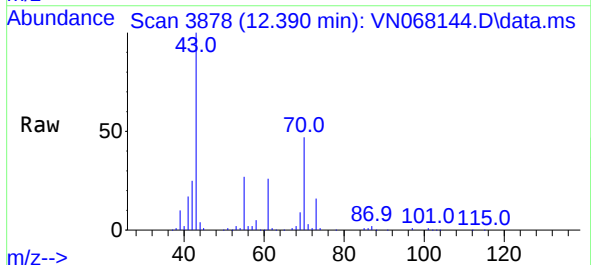
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

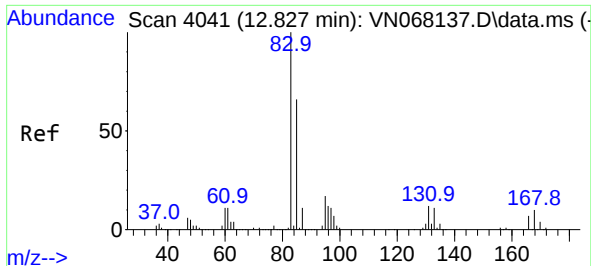
Tgt Ion:105 Resp: 567595  
Ion Ratio Lower Upper  
105 100  
120 27.4 12.5 37.5



#74  
N-ethyl acetate  
Concen: 20.030 ug/l  
RT: 12.390 min Scan# 3878  
Delta R.T. 0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion: 43 Resp: 153873  
Ion Ratio Lower Upper  
43 100  
70 48.0 29.4 44.2#  
55 26.5 17.0 25.4#  
61 25.6 17.6 26.4

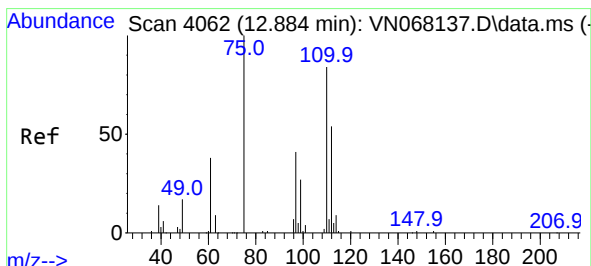
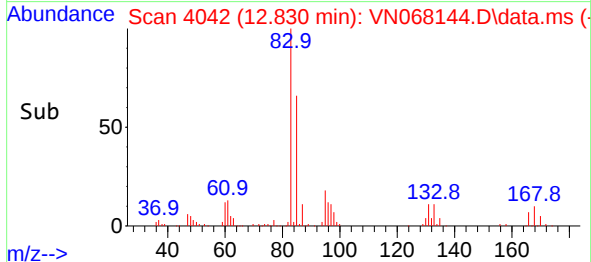
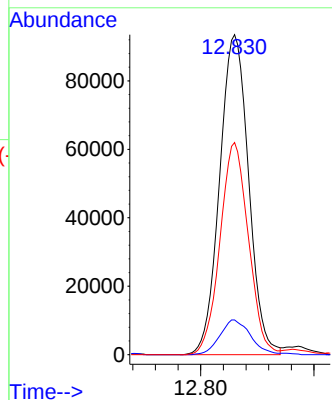
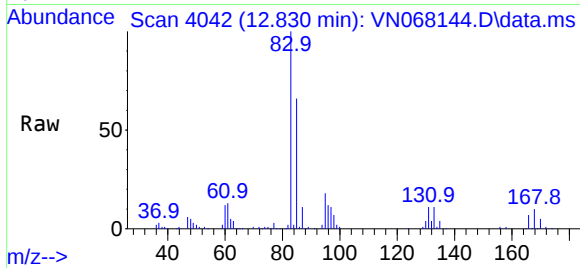




#75  
1,1,2,2-Tetrachloroethane  
Concen: 18.778 ug/l  
RT: 12.830 min Scan# 4042  
Delta R.T. 0.003 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

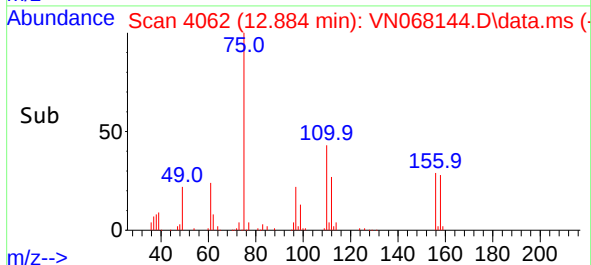
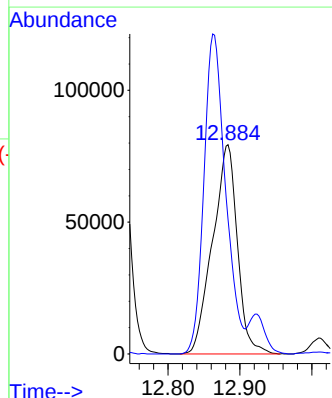
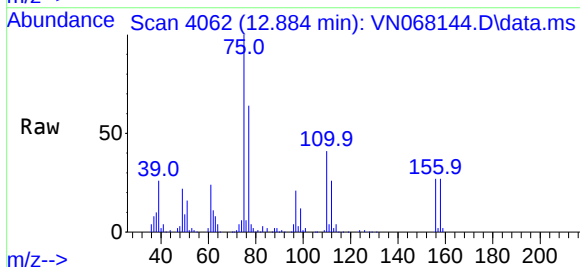
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

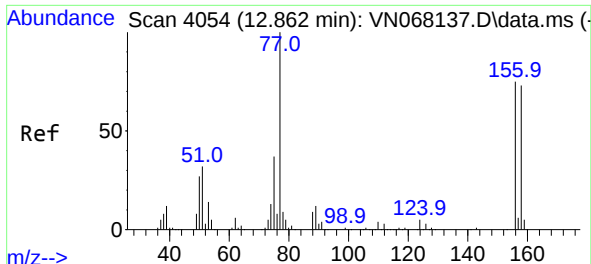
Tgt Ion: 83 Resp: 166142  
Ion Ratio Lower Upper  
83 100  
131 11.7 4.8 14.4  
85 64.9 32.2 96.6



#76  
1,2,3-Trichloropropane  
Concen: 27.535 ug/l  
RT: 12.884 min Scan# 4062  
Delta R.T. -0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion: 75 Resp: 189845  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

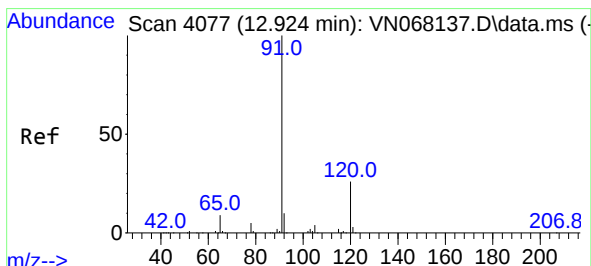
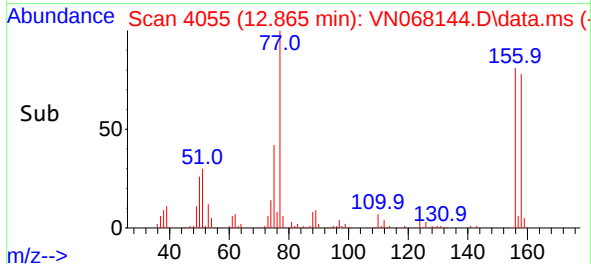
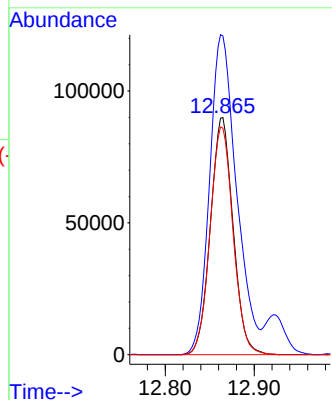
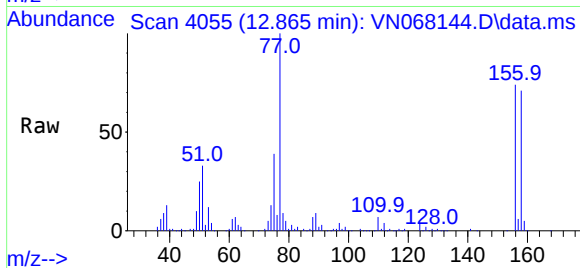




#77  
Bromobenzene  
Concen: 19.588 ug/l  
RT: 12.865 min Scan# 4055  
Delta R.T. 0.003 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

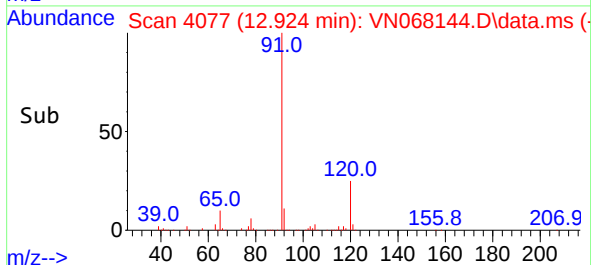
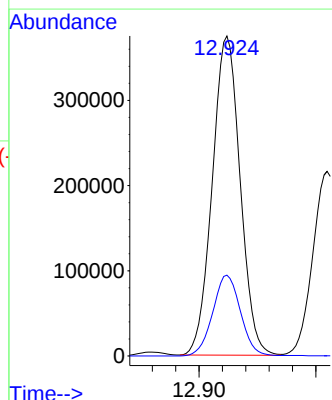
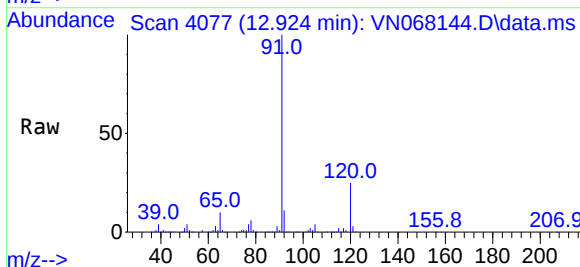
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

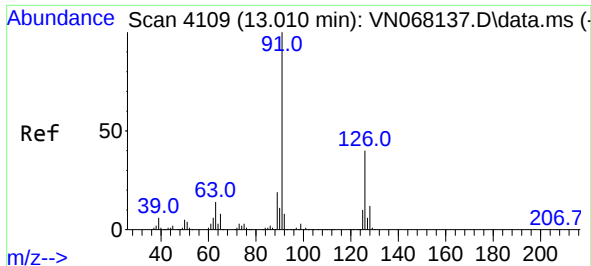
Tgt Ion:156 Resp: 159203  
Ion Ratio Lower Upper  
156 100  
77 160.3 136.2 408.6  
158 97.4 48.4 145.3



#78  
n-propylbenzene  
Concen: 19.609 ug/l  
RT: 12.924 min Scan# 4077  
Delta R.T. -0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion: 91 Resp: 620562  
Ion Ratio Lower Upper  
91 100  
120 25.3 10.4 31.4

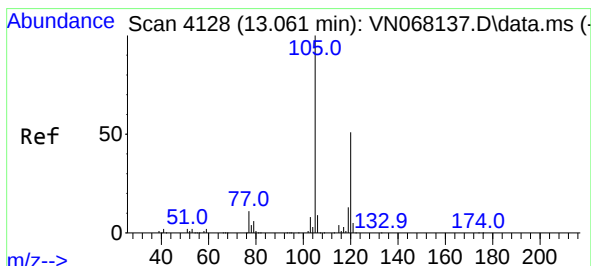
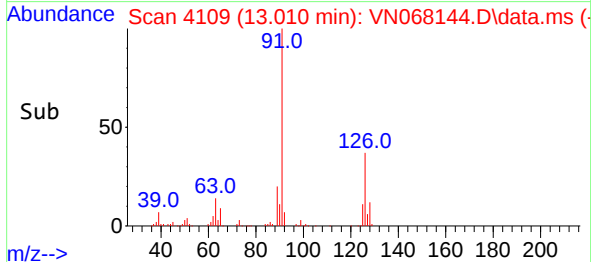
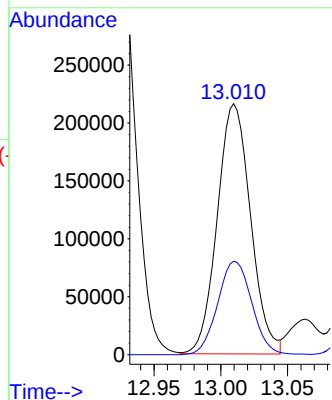
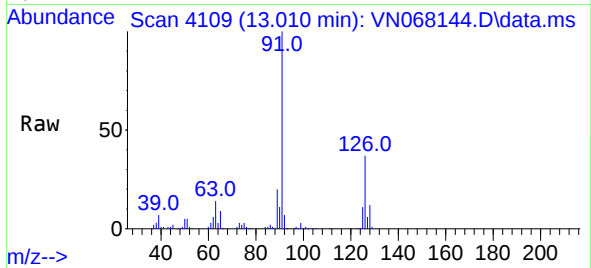




#79  
2-Chlorotoluene  
Concen: 19.211 ug/l  
RT: 13.010 min Scan# 4109  
Delta R.T. -0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

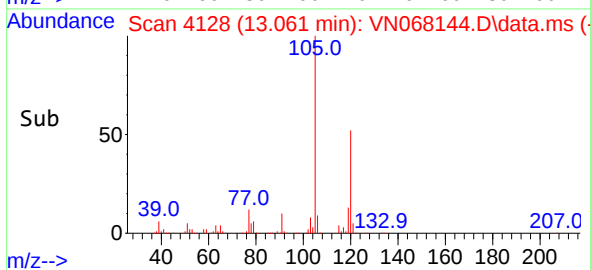
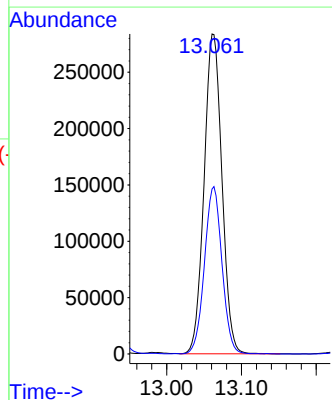
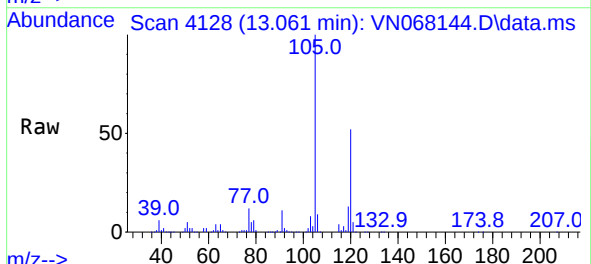
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

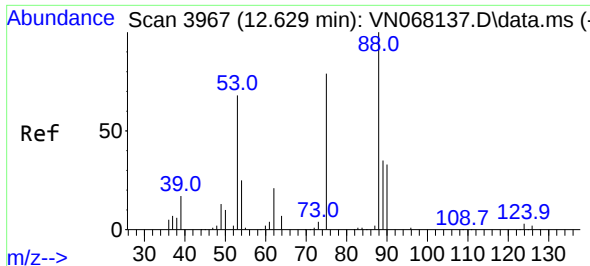
Tgt Ion: 91 Resp: 375982  
Ion Ratio Lower Upper  
91 100  
126 38.2 14.5 43.5



#80  
1,3,5-Trimethylbenzene  
Concen: 19.773 ug/l  
RT: 13.061 min Scan# 4128  
Delta R.T. -0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion: 105 Resp: 471904  
Ion Ratio Lower Upper  
105 100  
120 51.1 22.2 66.6

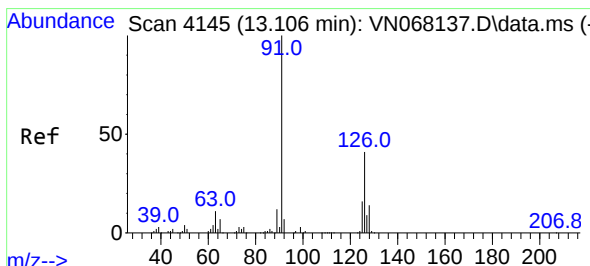
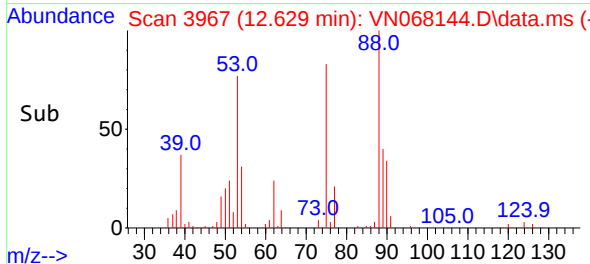
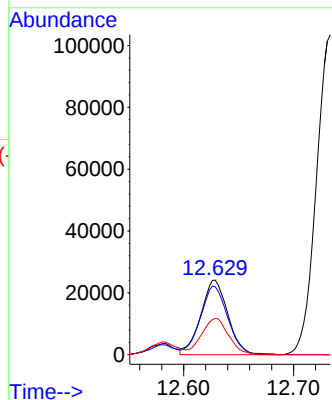
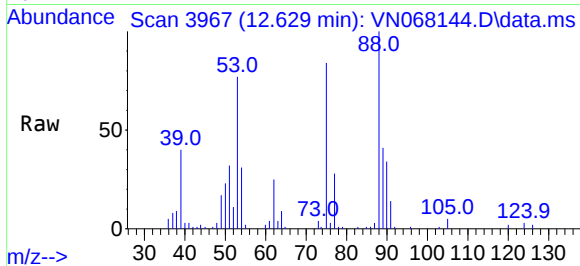




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.600 ug/l  
RT: 12.629 min Scan# 3967  
Delta R.T. -0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

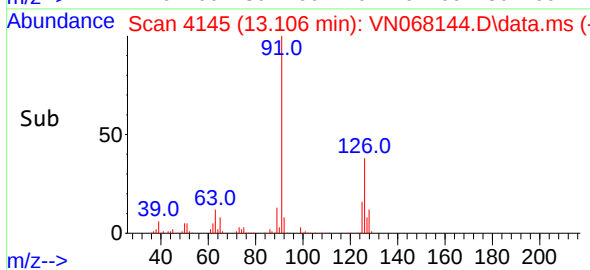
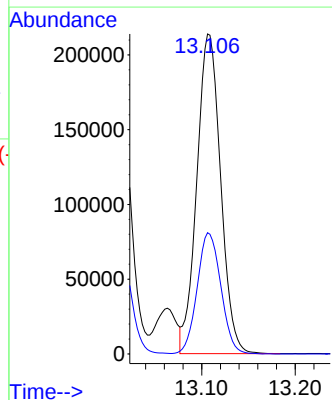
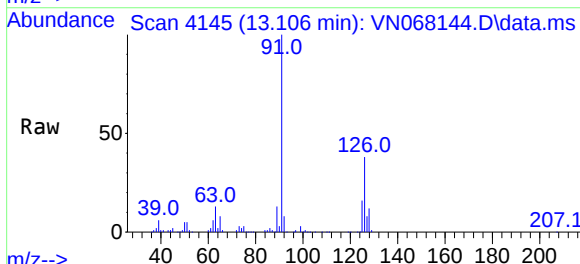
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

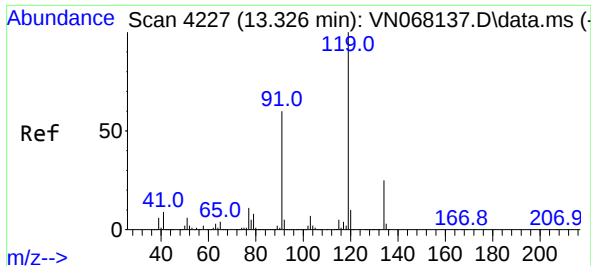
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 41248 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 93.2  | 87.6  | 131.4 |
| 89       | 48.3  | 37.8  | 56.8  |



#82  
4-Chlorotoluene  
Concen: 19.903 ug/l  
RT: 13.106 min Scan# 4145  
Delta R.T. 0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 378097 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 37.8  | 14.8  | 44.4   |

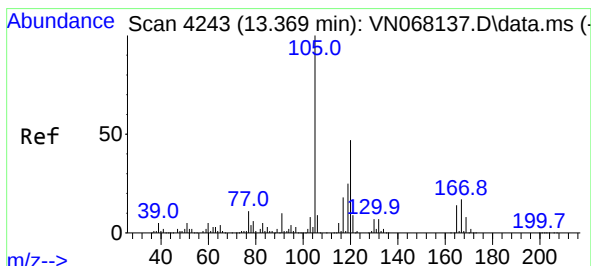
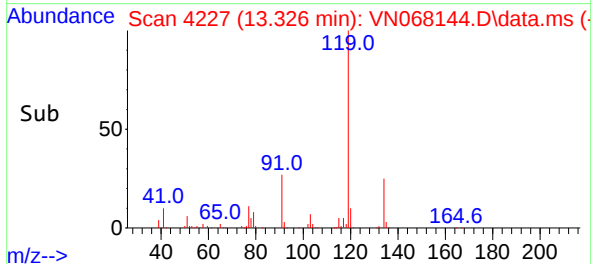
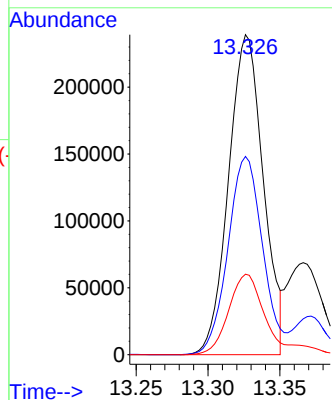
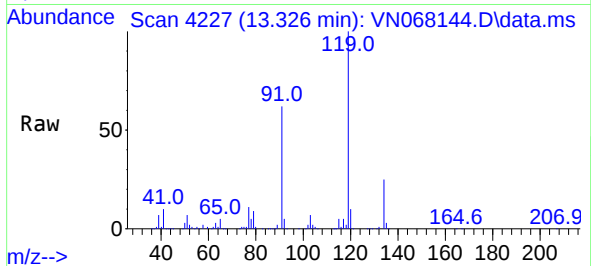




#83  
tert-Butylbenzene  
Concen: 18.964 ug/l  
RT: 13.326 min Scan# 4227  
Delta R.T. 0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

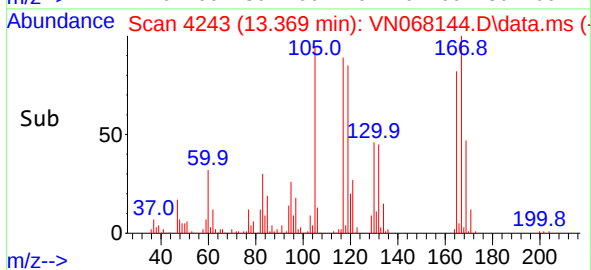
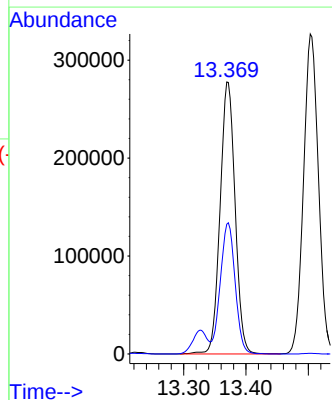
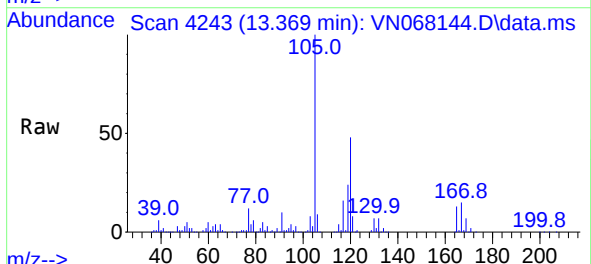
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

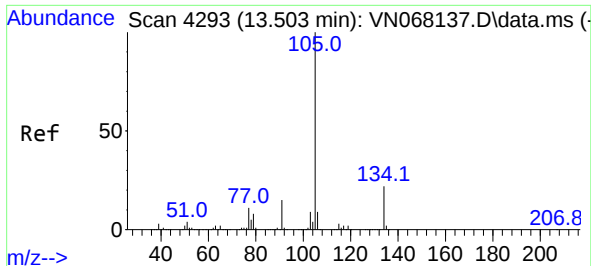
Tgt Ion:119 Resp: 401912  
Ion Ratio Lower Upper  
119 100  
91 62.5 39.5 118.5  
134 27.6 12.0 36.0



#84  
1,2,4-Trimethylbenzene  
Concen: 19.936 ug/l  
RT: 13.369 min Scan# 4243  
Delta R.T. -0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion:105 Resp: 464469  
Ion Ratio Lower Upper  
105 100  
120 47.7 20.6 61.8

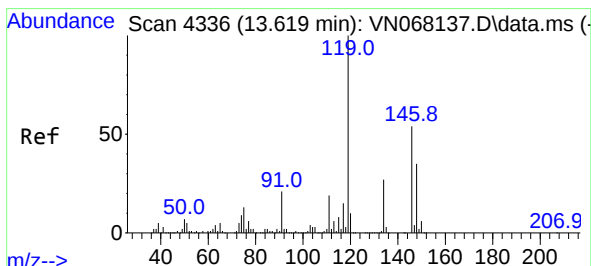
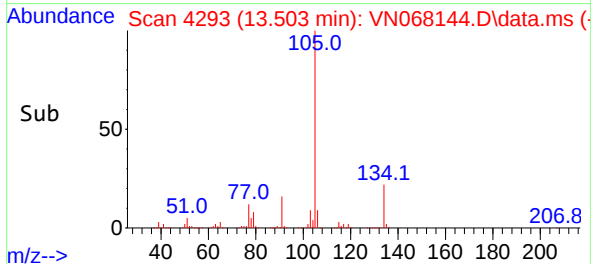
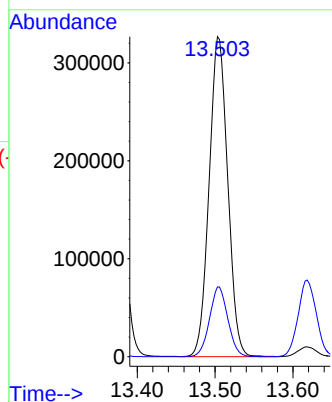
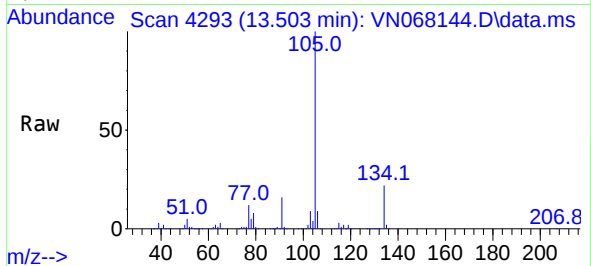




#85  
 sec-Butylbenzene  
 Concen: 19.419 ug/l  
 RT: 13.503 min Scan# 4293  
 Delta R.T. 0.000 min  
 Lab File: VN068144.D  
 Acq: 17 Aug 2021 15:39

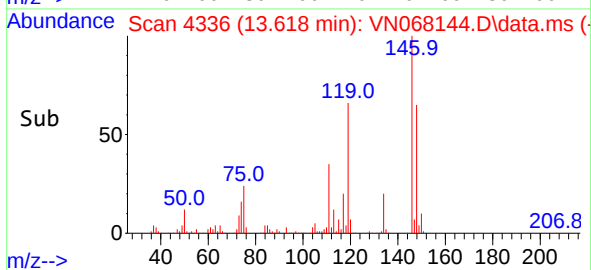
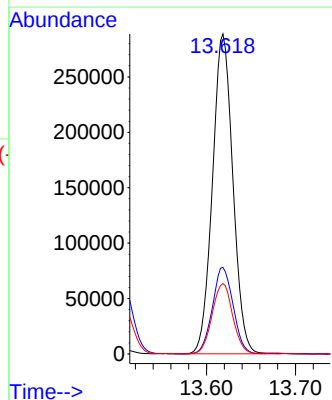
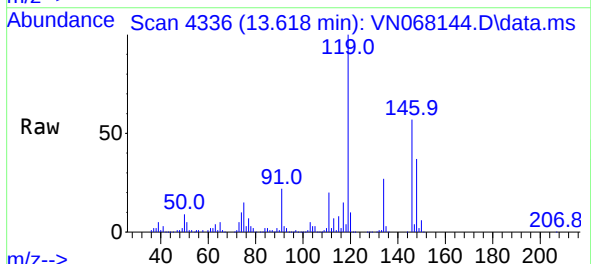
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0817WBSD01

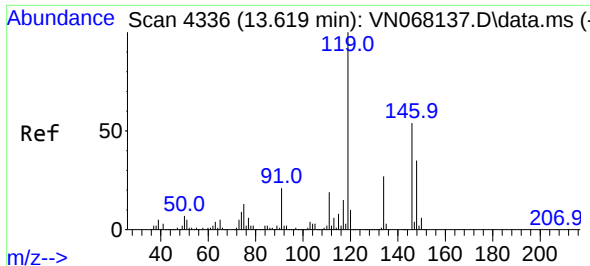
Tgt Ion:105 Resp: 541883  
 Ion Ratio Lower Upper  
 105 100  
 134 21.5 9.0 27.1



#86  
 p-Isopropyltoluene  
 Concen: 19.915 ug/l  
 RT: 13.618 min Scan# 4336  
 Delta R.T. -0.001 min  
 Lab File: VN068144.D  
 Acq: 17 Aug 2021 15:39

Tgt Ion:119 Resp: 458715  
 Ion Ratio Lower Upper  
 119 100  
 134 27.6 12.4 37.4  
 91 22.1 14.8 44.3

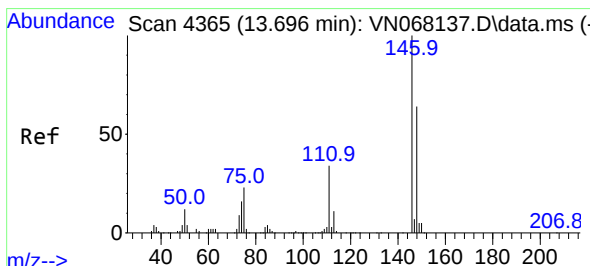
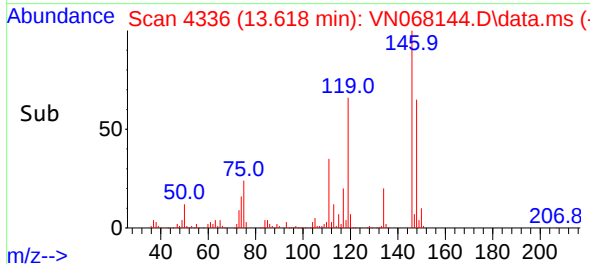
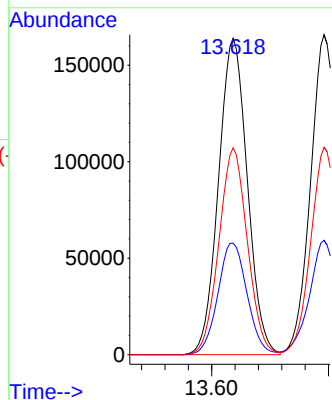
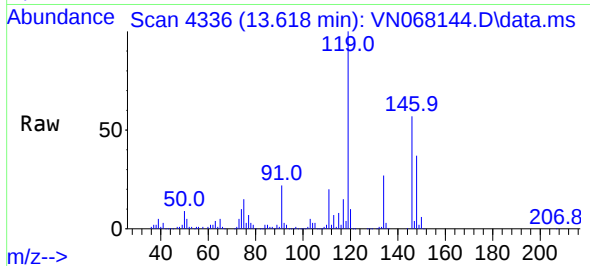




#87  
1,3-Dichlorobenzene  
Concen: 20.271 ug/l  
RT: 13.618 min Scan# 4336  
Delta R.T. -0.001 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

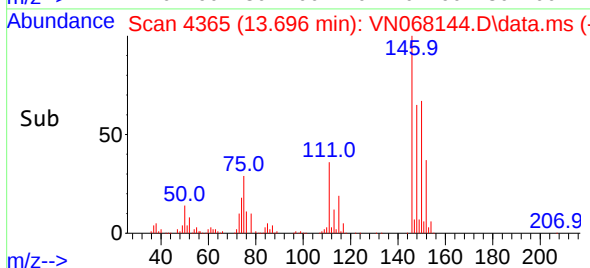
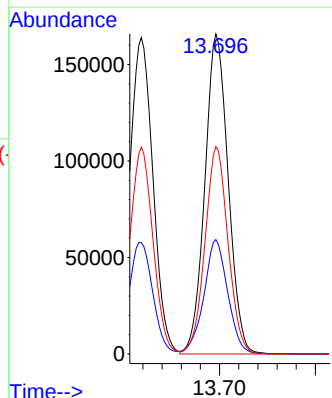
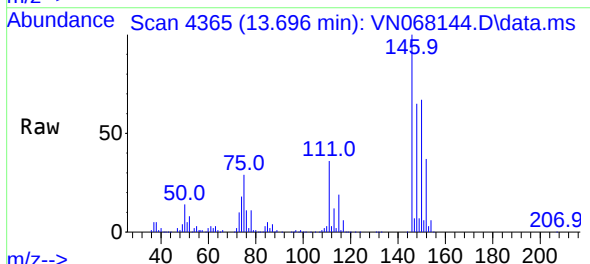
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

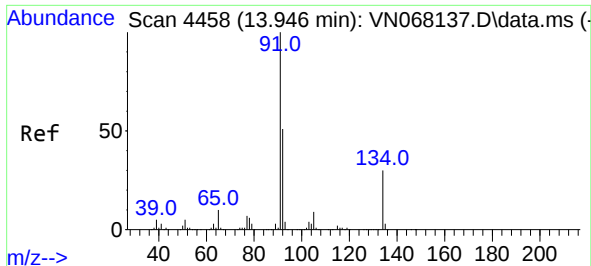
Tgt Ion:146 Resp: 280933  
Ion Ratio Lower Upper  
146 100  
111 35.8 24.3 72.8  
148 64.7 32.0 96.0



#88  
1,4-Dichlorobenzene  
Concen: 19.984 ug/l  
RT: 13.696 min Scan# 4365  
Delta R.T. 0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion:146 Resp: 280579  
Ion Ratio Lower Upper  
146 100  
111 36.4 23.4 70.2  
148 64.2 31.8 95.3





#89

n-Butylbenzene

Concen: 19.795 ug/l

RT: 13.946 min Scan# 4458

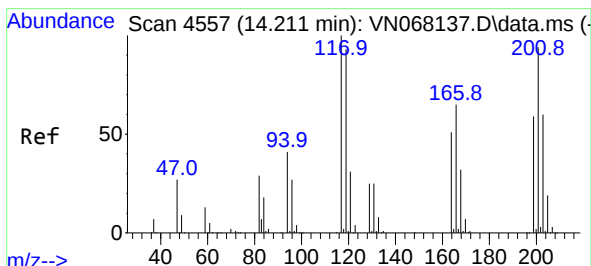
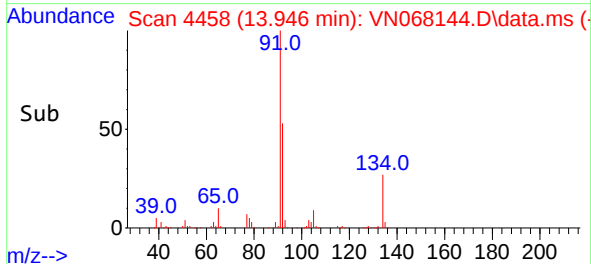
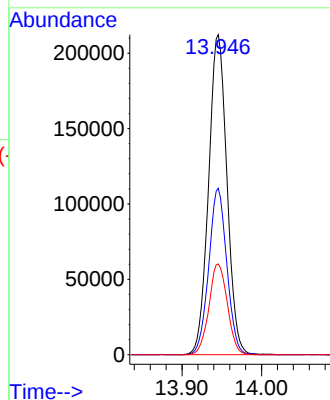
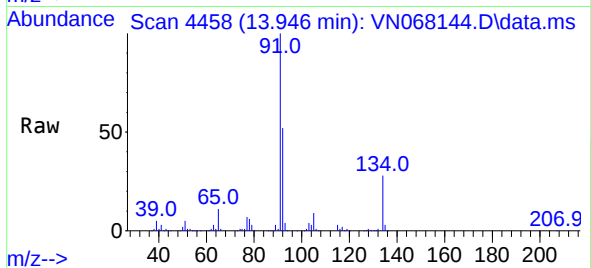
Delta R.T. -0.000 min

Lab File: VN068144.D

Acq: 17 Aug 2021 15:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 340134 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 51.2  | 25.7  | 77.1   |
| 134      | 28.4  | 11.2  | 33.6   |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01



#90

Hexachloroethane

Concen: 18.812 ug/l

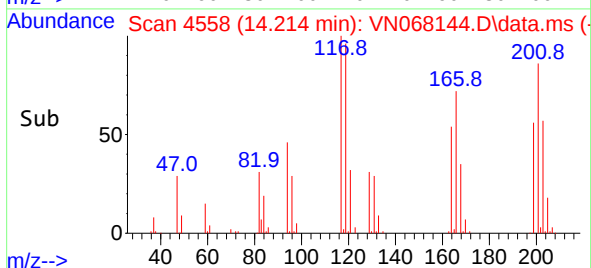
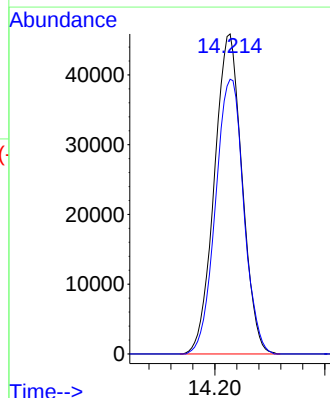
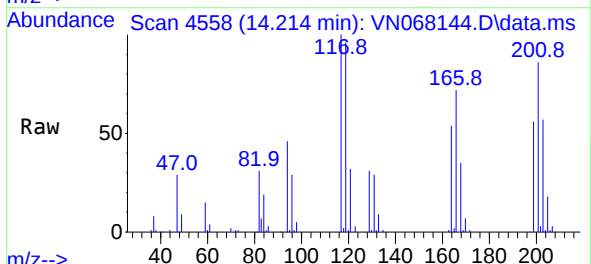
RT: 14.214 min Scan# 4558

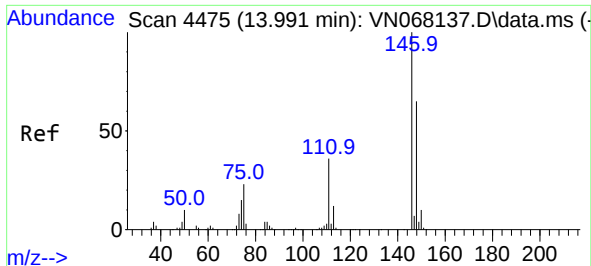
Delta R.T. 0.003 min

Lab File: VN068144.D

Acq: 17 Aug 2021 15:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 80398 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 87.2  | 33.5  | 100.5 |

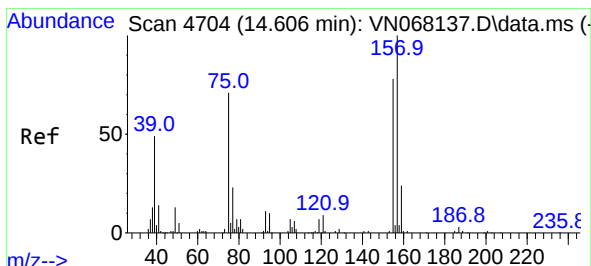
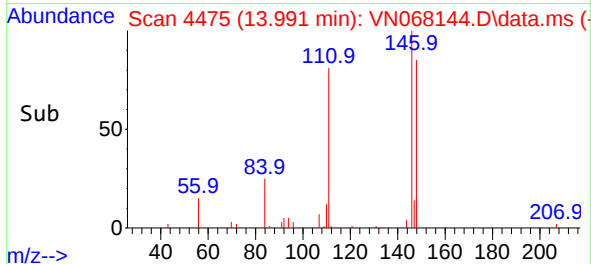
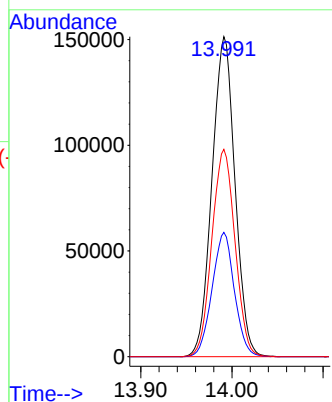
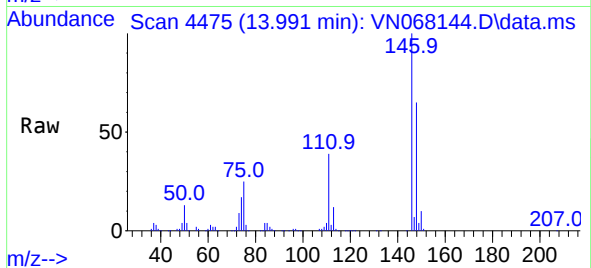




#91  
1,2-Dichlorobenzene  
Concen: 20.116 ug/l  
RT: 13.991 min Scan# 4475  
Delta R.T. 0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

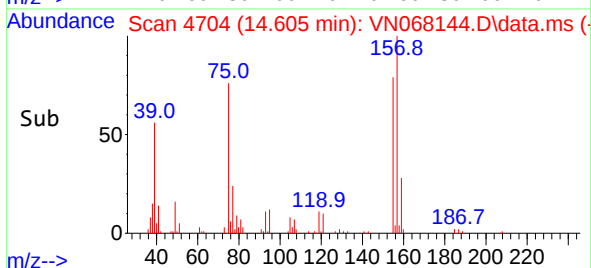
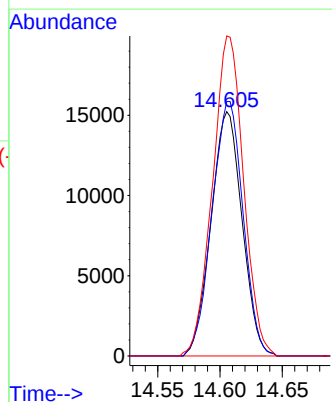
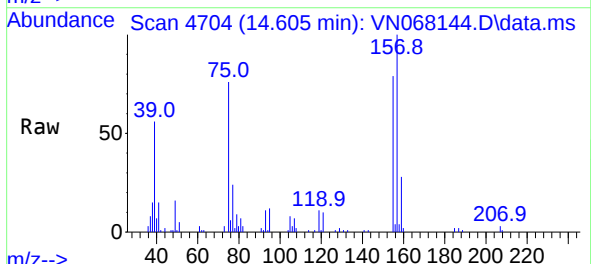
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

Tgt Ion:146 Resp: 265429  
Ion Ratio Lower Upper  
146 100  
111 37.8 24.9 74.6  
148 65.3 31.6 95.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 19.723 ug/l  
RT: 14.605 min Scan# 4704  
Delta R.T. -0.001 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion: 75 Resp: 26432  
Ion Ratio Lower Upper  
75 100  
155 104.3 29.8 89.5#  
157 130.9 37.6 112.8#

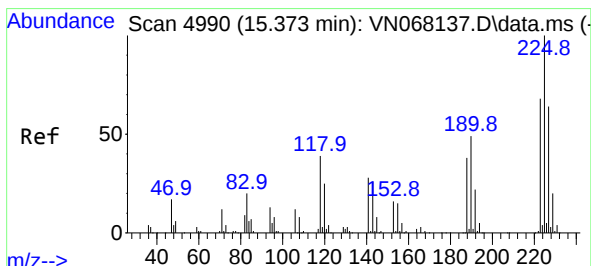
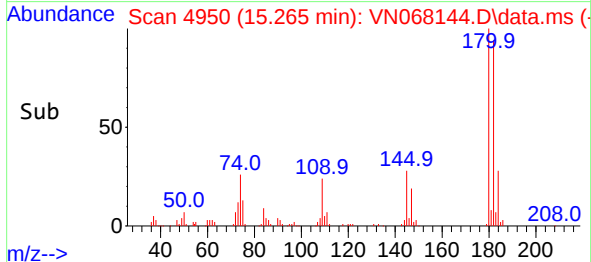
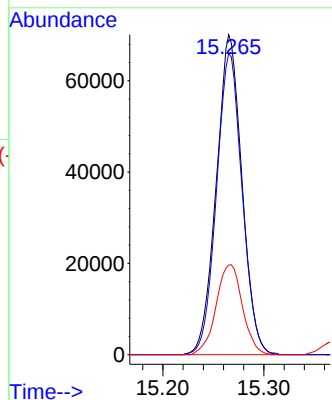
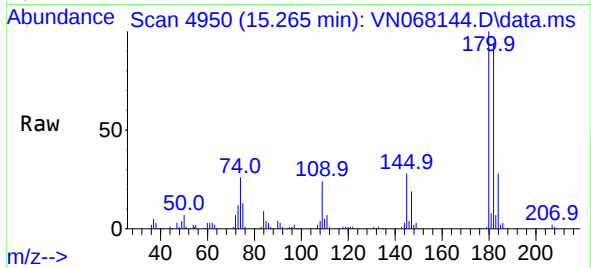




#93  
1,2,4-Trichlorobenzene  
Concen: 19.531 ug/l  
RT: 15.265 min Scan# 4950  
Delta R.T. 0.000 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

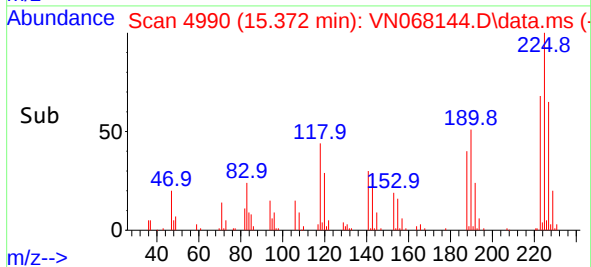
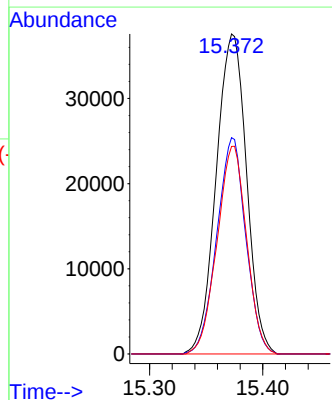
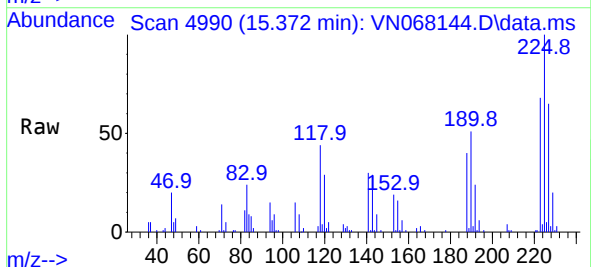
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

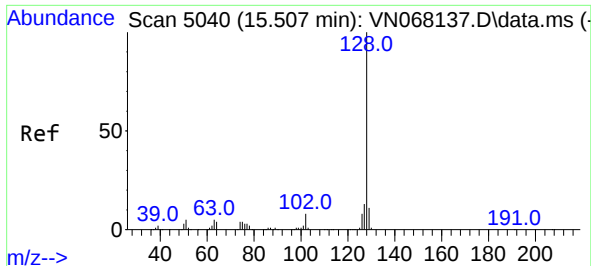
Tgt Ion:180 Resp: 123190  
Ion Ratio Lower Upper  
180 100  
182 94.2 47.5 142.5  
145 29.0 17.2 51.6



#94  
Hexachlorobutadiene  
Concen: 19.544 ug/l  
RT: 15.372 min Scan# 4990  
Delta R.T. -0.001 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Tgt Ion:225 Resp: 69842  
Ion Ratio Lower Upper  
225 100  
223 64.6 31.4 94.0  
227 63.1 31.2 93.6

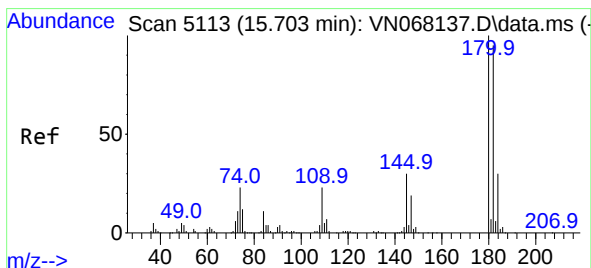
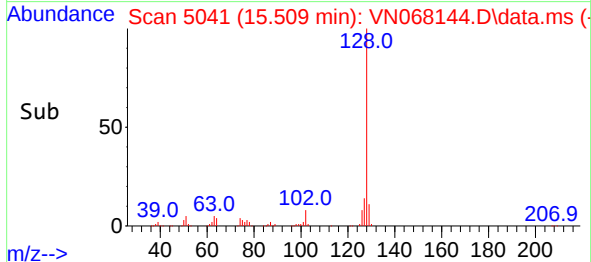
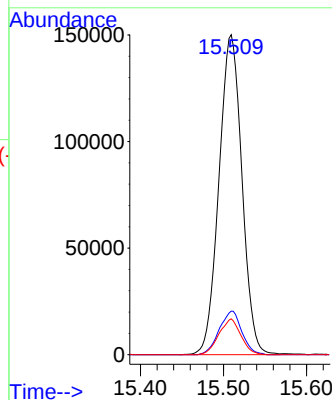
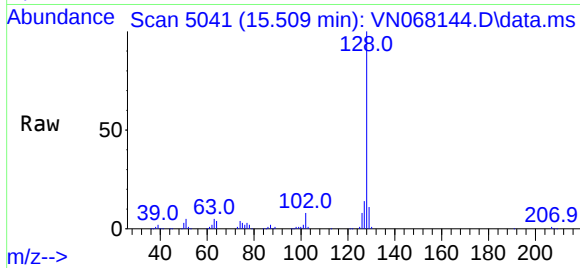




#95  
Naphthalene  
Concen: 19.907 ug/l  
RT: 15.509 min Scan# 5041  
Delta R.T. 0.002 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 289020 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.4  | 10.6  | 15.8   |
| 129       | 10.7  | 8.6   | 12.8   |



#96  
1,2,3-Trichlorobenzene  
Concen: 19.714 ug/l  
RT: 15.705 min Scan# 5114  
Delta R.T. 0.002 min  
Lab File: VN068144.D  
Acq: 17 Aug 2021 15:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 117570 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.9  | 47.8  | 143.3  |
| 145       | 30.6  | 18.2  | 54.6   |

