

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120821\  
 Data File : VN069881.D  
 Acq On : 9 Dec 2021 00:32  
 Operator : JC/MD  
 Sample : VN1208WBSD02  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1208WBSD02

Quant Time: Dec 09 11:52:15 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 03 08:46:47 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.086  | 168  | 1103962  | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.968  | 114  | 1827238  | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.744 | 117  | 1670883  | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.675 | 152  | 646027   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.437  | 65    | 898395   | 52.707   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 105.420% |      |
| 35) Dibromofluoromethane    | 8.021  | 113   | 607642   | 53.090   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 106.180% |      |
| 50) Toluene-d8              | 10.440 | 98    | 2399945  | 52.221   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 104.440% |      |
| 62) 4-Bromofluorobenzene    | 12.731 | 95    | 814538   | 48.923   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 97.840%  |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         | Qvalue  |        |     |
| 2) Dichlorodifluoromethane   | 2.075 | 85  | 240534  | 18.681  | ug/l   | 100 |
| 3) Chloromethane             | 2.306 | 50  | 285942  | 17.726  | ug/l   | 97  |
| 4) Vinyl Chloride            | 2.448 | 62  | 272352  | 18.362  | ug/l   | 97  |
| 5) Bromomethane              | 2.861 | 94  | 152062  | 18.870  | ug/l   | 98  |
| 6) Chloroethane              | 3.022 | 64  | 163845  | 18.026  | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 3.381 | 101 | 351114  | 18.036  | ug/l   | 96  |
| 8) Diethyl Ether             | 3.824 | 74  | 137331  | 18.316  | ug/l   | 80  |
| 9) 1,1,2-Trichlorotrifluo... | 4.210 | 101 | 204033  | 18.697  | ug/l   | 96  |
| 10) Methyl Iodide            | 4.422 | 142 | 265742  | 17.826  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 5.374 | 59  | 226401  | 70.268  | ug/l # | 81  |
| 12) 1,1-Dichloroethene       | 4.186 | 96  | 190205  | 18.088  | ug/l   | 90  |
| 13) Acrolein                 | 4.041 | 56  | 286007  | 104.238 | ug/l   | 100 |
| 14) Allyl chloride           | 4.840 | 41  | 422509  | 17.831  | ug/l   | 93  |
| 15) Acrylonitrile            | 5.556 | 53  | 732893  | 84.415  | ug/l   | 98  |
| 16) Acetone                  | 4.288 | 43  | 701405  | 68.407  | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.532 | 76  | 465733  | 17.143  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.859 | 43  | 546125  | 17.646  | ug/l # | 90  |
| 19) Methyl tert-butyl Ether  | 5.618 | 73  | 752156  | 18.396  | ug/l   | 94  |
| 20) Methylene Chloride       | 5.101 | 84  | 245023  | 17.976  | ug/l   | 86  |
| 21) trans-1,2-Dichloroethene | 5.599 | 96  | 207082  | 18.131  | ug/l   | 87  |
| 22) Diisopropyl ether        | 6.498 | 45  | 899666  | 19.425  | ug/l # | 95  |
| 23) Vinyl Acetate            | 6.433 | 43  | 3600635 | 95.559  | ug/l # | 94  |
| 24) 1,1-Dichloroethane       | 6.388 | 63  | 461077  | 19.218  | ug/l   | 98  |
| 25) 2-Butanone               | 7.337 | 43  | 1074572 | 77.133  | ug/l   | 90  |
| 26) 2,2-Dichloropropane      | 7.327 | 77  | 312041  | 16.728  | ug/l   | 96  |
| 27) cis-1,2-Dichloroethene   | 7.327 | 96  | 249645  | 18.091  | ug/l   | 85  |
| 28) Bromochloromethane       | 7.656 | 49  | 254478  | 20.398  | ug/l # | 77  |
| 29) Tetrahydrofuran          | 7.689 | 42  | 720034  | 85.115  | ug/l # | 86  |
| 30) Chloroform               | 7.817 | 83  | 455480  | 18.798  | ug/l   | 99  |
| 31) Cyclohexane              | 8.094 | 56  | 443733  | 18.706  | ug/l   | 87  |
| 32) 1,1,1-Trichloroethane    | 8.016 | 97  | 383202  | 18.567  | ug/l   | 96  |
| 36) 1,1-Dichloropropene      | 8.222 | 75  | 323821  | 18.616  | ug/l   | 96  |
| 37) Ethyl Acetate            | 7.415 | 43  | 445951  | 17.225  | ug/l   | 95  |
| 38) Carbon Tetrachloride     | 8.206 | 117 | 318571  | 18.676  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.461 | 83  | 375721  | 18.159  | ug/l   | 90  |
| 40) Benzene                  | 8.461 | 78  | 994833  | 18.711  | ug/l   | 97  |

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 Sample : VN1208WBSD02  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1208WBSD02

Quant Time: Dec 09 11:52:15 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 03 08:46:47 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.635  | 41   | 213947   | 17.604  | ug/l   | 90       |
| 42) 1,2-Dichloroethane        | 8.528  | 62   | 405978   | 18.915  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.560  | 43   | 712089   | 18.586  | ug/l # | 92       |
| 44) Trichloroethene           | 9.217  | 130  | 235897   | 18.589  | ug/l   | 90       |
| 45) 1,2-Dichloropropane       | 9.488  | 63   | 273409   | 19.149  | ug/l   | 99       |
| 46) Dibromomethane            | 9.577  | 93   | 176470   | 18.846  | ug/l   | 93       |
| 47) Bromodichloromethane      | 9.759  | 83   | 338428   | 19.089  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.558  | 41   | 318158   | 17.794  | ug/l   | 89       |
| 49) 1,4-Dioxane               | 9.569  | 88   | 86526    | 269.706 | ug/l # | 84       |
| 51) 4-Methyl-2-Pentanone      | 10.330 | 43   | 2234066  | 89.886  | ug/l   | 94       |
| 52) Toluene                   | 10.505 | 92   | 607408   | 18.712  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.719 | 75   | 340845   | 17.883  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.188 | 75   | 382825   | 18.419  | ug/l # | 89       |
| 55) 1,1,2-Trichloroethane     | 10.896 | 97   | 243841   | 18.618  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.762 | 69   | 396726   | 17.601  | ug/l # | 85       |
| 57) 1,3-Dichloropropane       | 11.044 | 76   | 435382   | 18.879  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.041 | 63   | 421820   | 76.948  | ug/l   | 90       |
| 59) 2-Hexanone                | 11.084 | 43   | 1529391  | 81.343  | ug/l   | 92       |
| 60) Dibromochloromethane      | 11.237 | 129  | 230710   | 18.035  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.344 | 107  | 249276   | 18.376  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.977 | 164  | 214954   | 18.973  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.771 | 112  | 633917   | 18.701  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.840 | 131  | 227730   | 19.088  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.843 | 91   | 1174328  | 19.072  | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.953 | 106  | 842791   | 37.592  | ug/l   | 92       |
| 69) o-Xylene                  | 12.280 | 106  | 423352   | 18.747  | ug/l   | 92       |
| 70) Styrene                   | 12.294 | 104  | 666391   | 18.610  | ug/l   | 95       |
| 71) Bromoform                 | 12.457 | 173  | 159676   | 17.524  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.578 | 105  | 1104409  | 19.214  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.387 | 43   | 443635   | 17.453  | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 12.825 | 83   | 373551   | 18.794  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.878 | 75   | 446039   | 24.076  | ug/l   | 74       |
| 77) Bromobenzene              | 12.859 | 156  | 255617   | 18.933  | ug/l   | 79       |
| 78) n-propylbenzene           | 12.921 | 91   | 1223638  | 19.131  | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 13.007 | 91   | 771649   | 19.093  | ug/l   | 92       |
| 80) 1,3,5-Trimethylbenzene    | 13.058 | 105  | 899749   | 19.448  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.626 | 75   | 80347    | 17.102  | ug/l   | 85       |
| 82) 4-Chlorotoluene           | 13.106 | 91   | 719813   | 18.939  | ug/l   | 93       |
| 83) tert-Butylbenzene         | 13.323 | 119  | 771868   | 18.842  | ug/l   | 92       |
| 84) 1,2,4-Trimethylbenzene    | 13.366 | 105  | 865810   | 19.651  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.500 | 105  | 1030082  | 18.538  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.616 | 119  | 813023   | 18.719  | ug/l   | 95       |
| 87) 1,3-Dichlorobenzene       | 13.616 | 146  | 408361   | 18.411  | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene       | 13.694 | 146  | 390573   | 17.919  | ug/l   | 96       |
| 89) n-Butylbenzene            | 13.943 | 91   | 609631   | 17.303  | ug/l   | 97       |
| 90) Hexachloroethane          | 14.209 | 117  | 143328   | 18.796  | ug/l   | 86       |
| 91) 1,2-Dichlorobenzene       | 13.989 | 146  | 403343   | 18.664  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.603 | 75   | 61440    | 17.107  | ug/l   | 77       |
| 93) 1,2,4-Trichlorobenzene    | 15.263 | 180  | 162384   | 17.316  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.370 | 225  | 106274   | 18.556  | ug/l   | 99       |
| 95) Naphthalene               | 15.507 | 128  | 416505   | 16.126  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.700 | 180  | 159902   | 17.161  | ug/l   | 97       |

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Sample : VN1208WBSD02  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 33 Sample Multiplier: 1

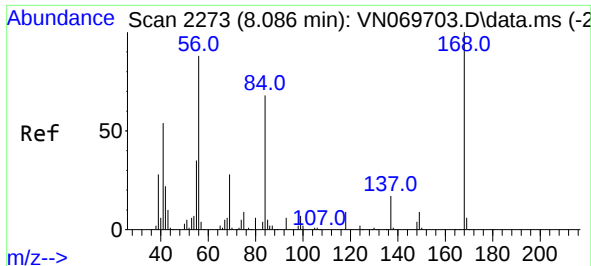
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

Quant Time: Dec 09 11:52:15 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120221W.M  
Quant Title : SW846 8260  
QLast Update : Fri Dec 03 08:46:47 2021  
Response via : Initial Calibration

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

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

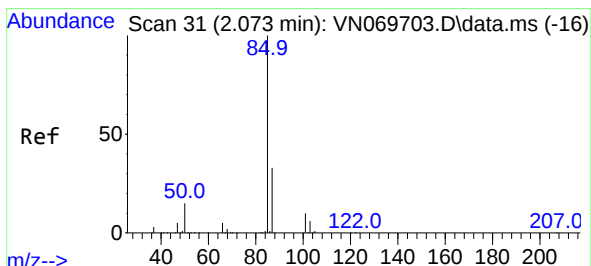
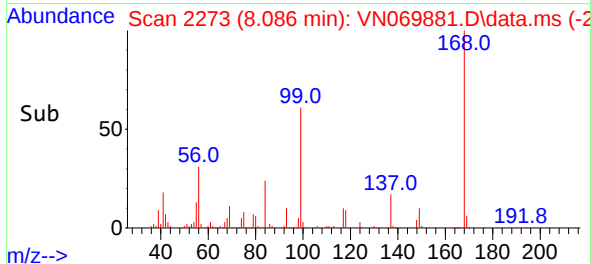
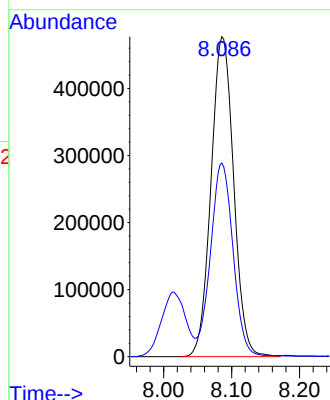
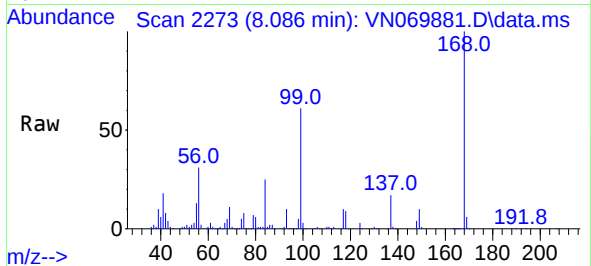




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

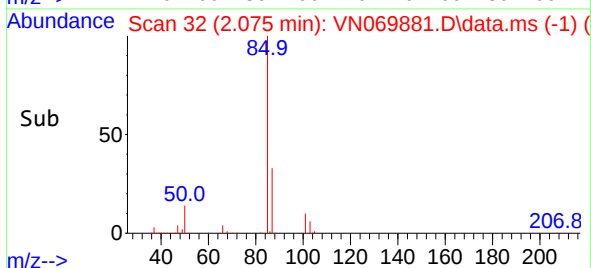
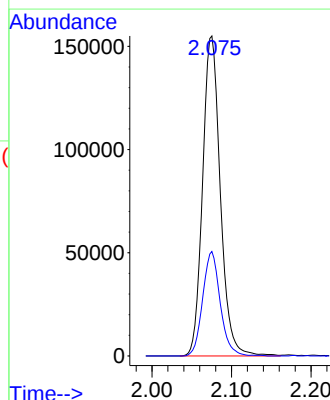
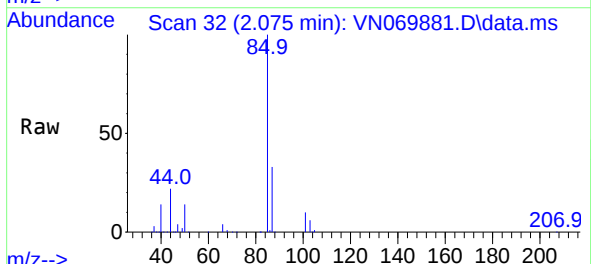
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MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

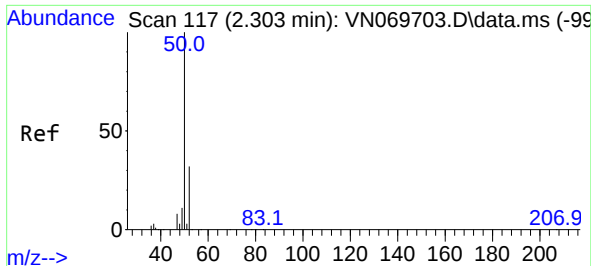
Tgt Ion:168 Resp: 1103962  
Ion Ratio Lower Upper  
168 100  
99 60.2 41.3 61.9



#2  
Dichlorodifluoromethane  
Concen: 18.681 ug/l  
RT: 2.075 min Scan# 32  
Delta R.T. 0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Tgt Ion: 85 Resp: 240534  
Ion Ratio Lower Upper  
85 100  
87 32.6 16.3 48.9

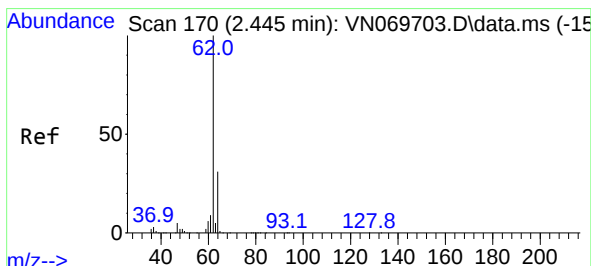
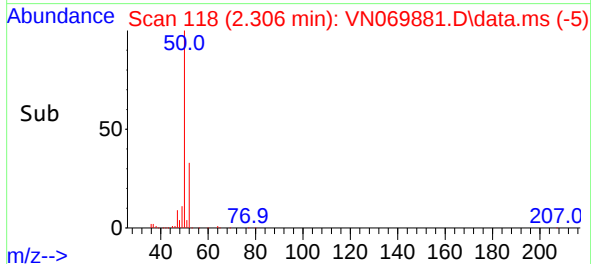
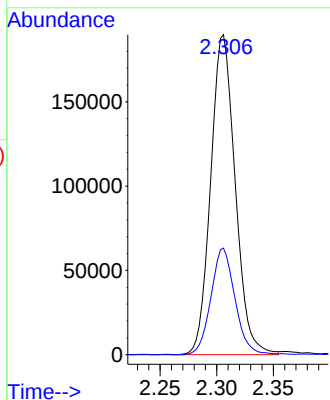
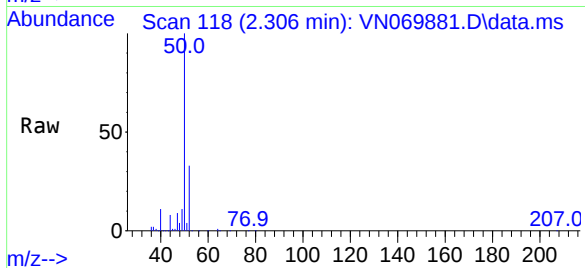




#3  
Chloromethane  
Concen: 17.726 ug/l  
RT: 2.306 min Scan# 117  
Delta R.T. 0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

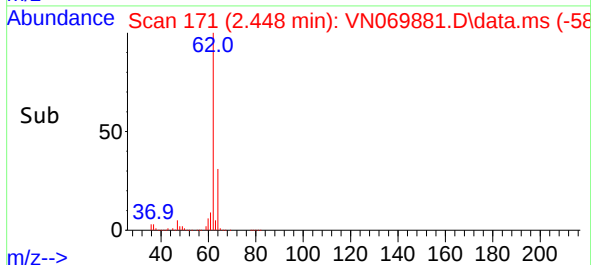
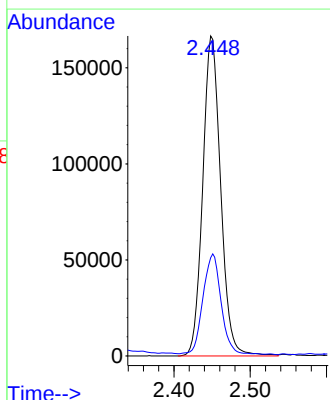
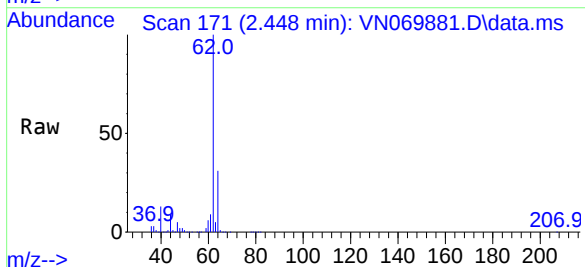
Instrument :  
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VN1208WBSD02

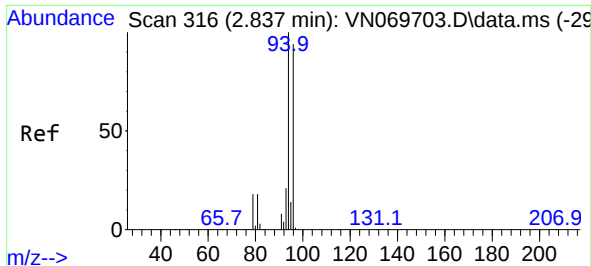
Tgt Ion: 50 Resp: 285942  
Ion Ratio Lower Upper  
50 100  
52 33.3 25.4 38.0



#4  
Vinyl Chloride  
Concen: 18.362 ug/l  
RT: 2.448 min Scan# 171  
Delta R.T. 0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Tgt Ion: 62 Resp: 272352  
Ion Ratio Lower Upper  
62 100  
64 30.3 25.8 38.6

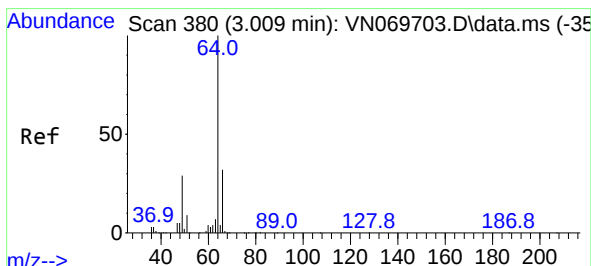
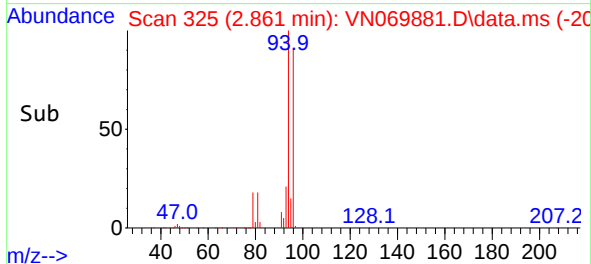
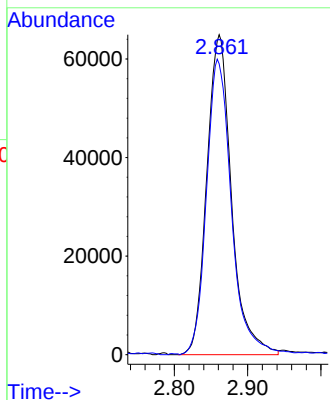
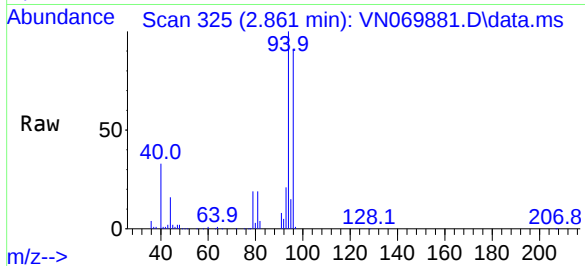




#5  
Bromomethane  
Concen: 18.870 ug/l  
RT: 2.861 min Scan# 316  
Delta R.T. 0.024 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

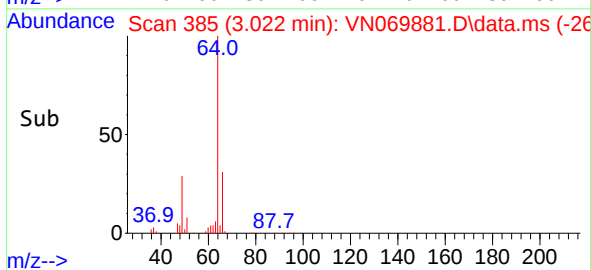
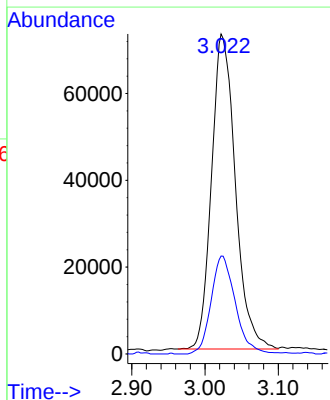
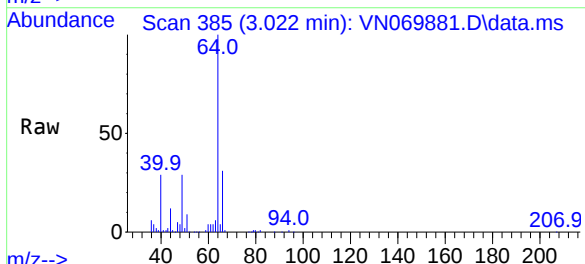
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

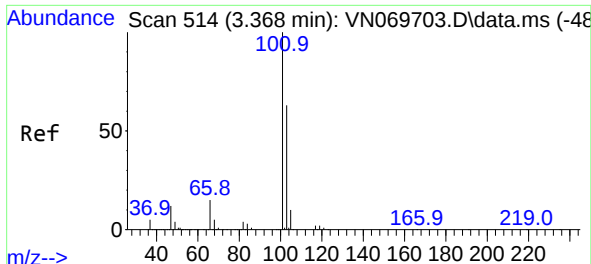
Tgt Ion: 94 Resp: 152062  
Ion Ratio Lower Upper  
94 100  
96 90.7 73.8 110.8



#6  
Chloroethane  
Concen: 18.026 ug/l  
RT: 3.022 min Scan# 385  
Delta R.T. 0.013 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Tgt Ion: 64 Resp: 163845  
Ion Ratio Lower Upper  
64 100  
66 31.1 26.3 39.5

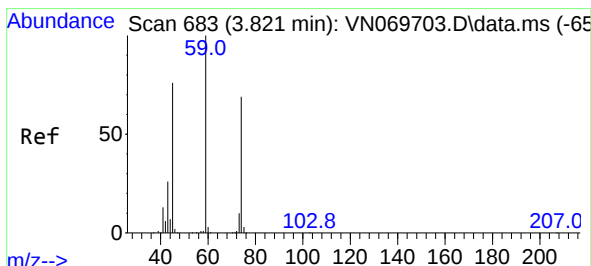
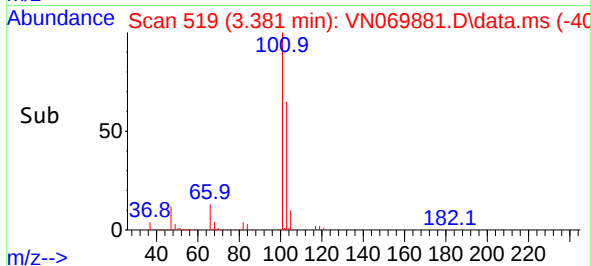
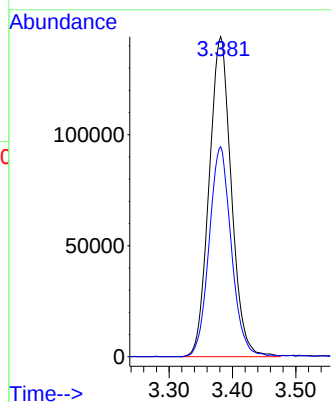
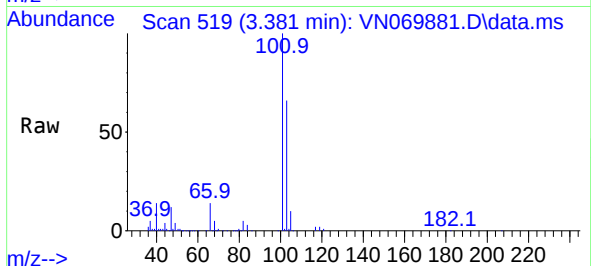




#7  
Trichlorofluoromethane  
Concen: 18.036 ug/l  
RT: 3.381 min Scan# 514  
Delta R.T. 0.013 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

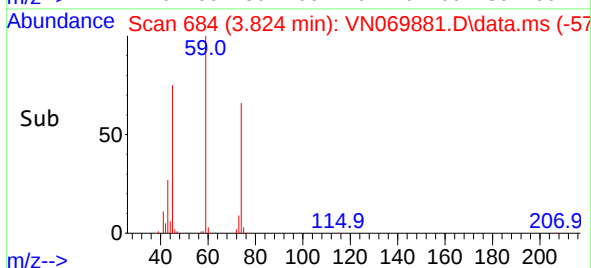
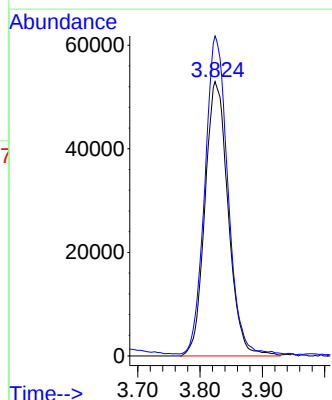
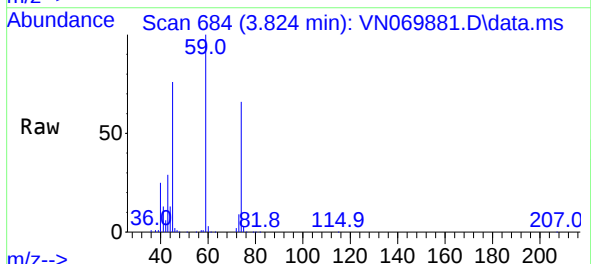
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

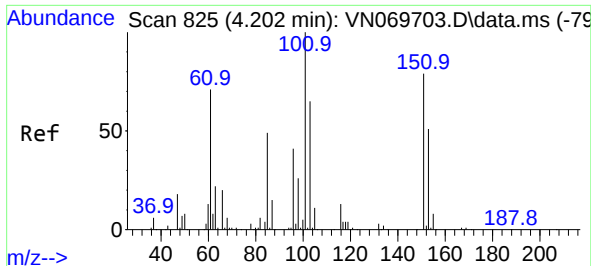
Tgt Ion:101 Resp: 351114  
Ion Ratio Lower Upper  
101 100  
103 65.6 50.1 75.1



#8  
Diethyl Ether  
Concen: 18.316 ug/l  
RT: 3.824 min Scan# 684  
Delta R.T. 0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Tgt Ion: 74 Resp: 137331  
Ion Ratio Lower Upper  
74 100  
45 113.1 47.0 141.2

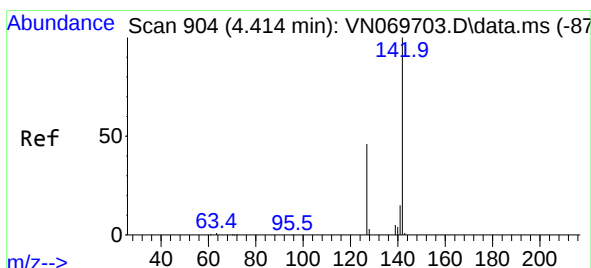
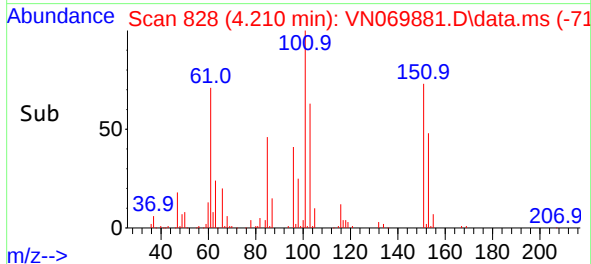
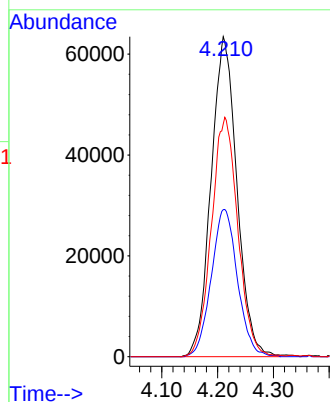
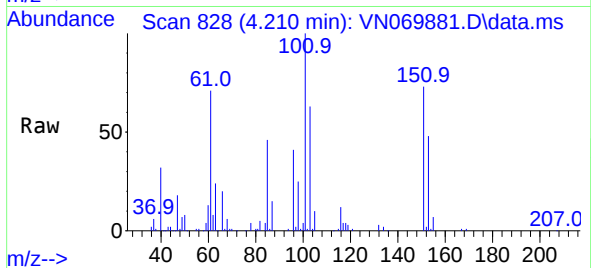




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.697 ug/l  
RT: 4.210 min Scan# 81  
Delta R.T. 0.008 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

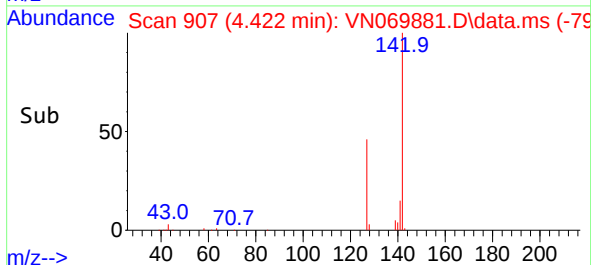
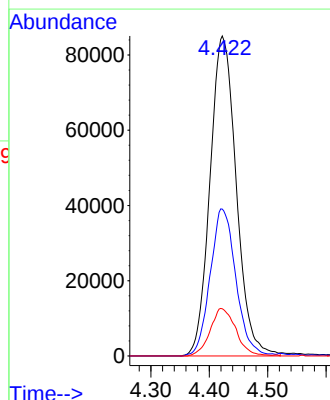
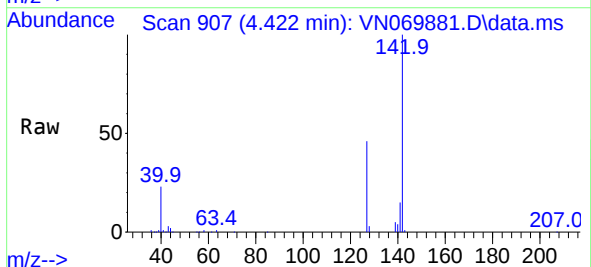
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

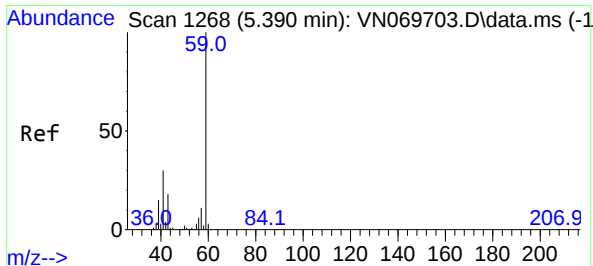
Tgt Ion:101 Resp: 204033  
Ion Ratio Lower Upper  
101 100  
85 46.8 37.2 55.8  
151 76.6 65.9 98.9



#10  
Methyl Iodide  
Concen: 17.826 ug/l  
RT: 4.422 min Scan# 907  
Delta R.T. 0.008 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Tgt Ion:142 Resp: 265742  
Ion Ratio Lower Upper  
142 100  
127 45.1 35.4 53.0  
141 14.6 11.6 17.4

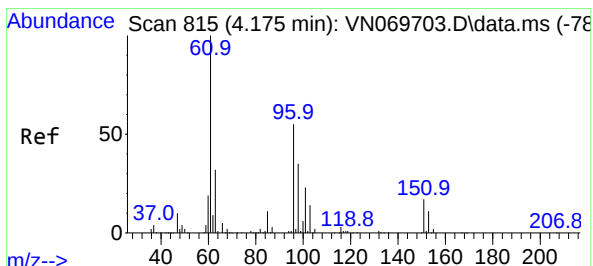
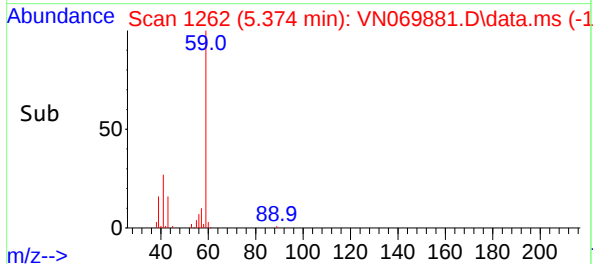
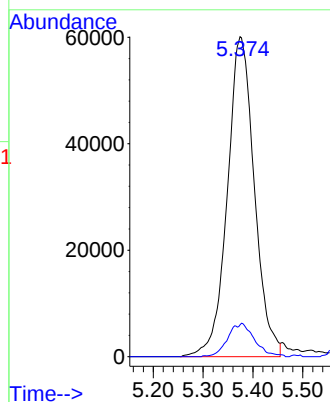
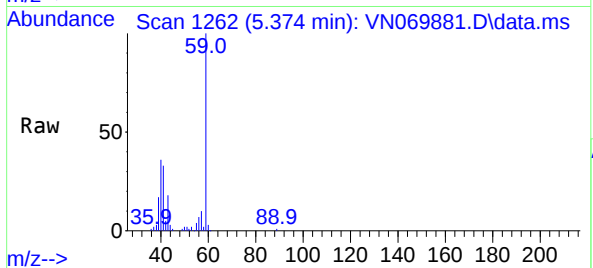




#11  
Tert butyl alcohol  
Concen: 70.268 ug/l  
RT: 5.374 min Scan# 11  
Delta R.T. -0.016 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

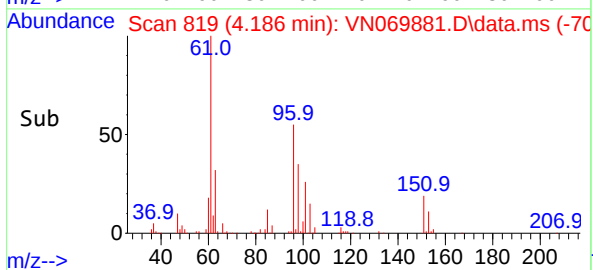
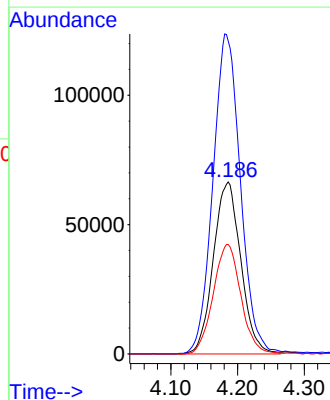
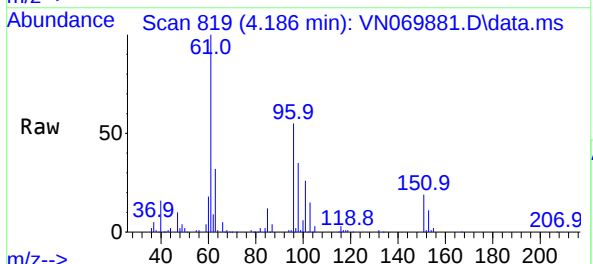
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

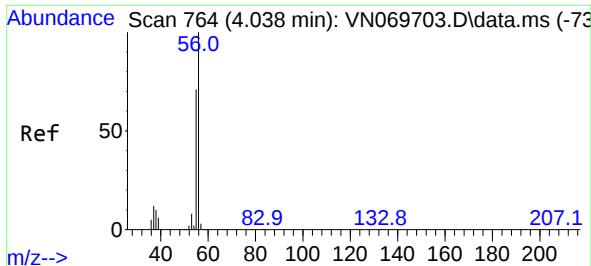
Tgt Ion: 59 Resp: 226401  
Ion Ratio Lower Upper  
59 100  
57 3.8 8.7 13.1#



#12  
1,1-Dichloroethene  
Concen: 18.088 ug/l  
RT: 4.186 min Scan# 819  
Delta R.T. 0.011 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Tgt Ion: 96 Resp: 190205  
Ion Ratio Lower Upper  
96 100  
61 181.6 131.0 196.6  
98 63.6 52.4 78.6

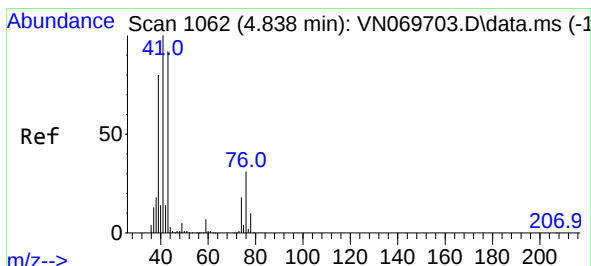
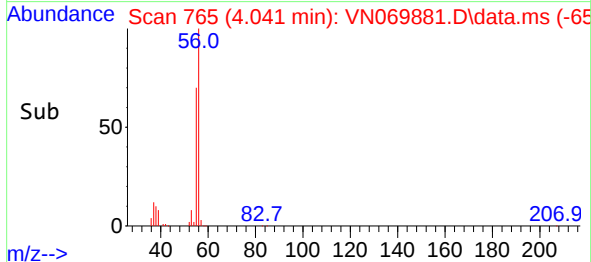
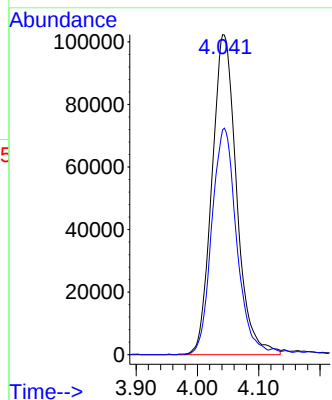
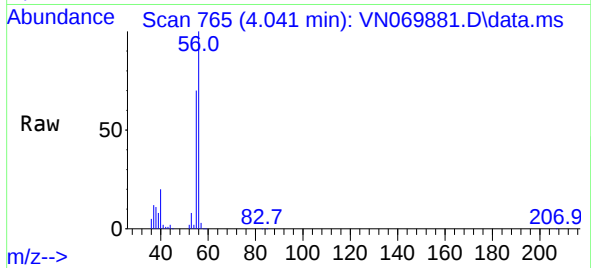




#13  
Acrolein  
Concen: 104.238 ug/l  
RT: 4.041 min Scan# 765  
Delta R.T. 0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

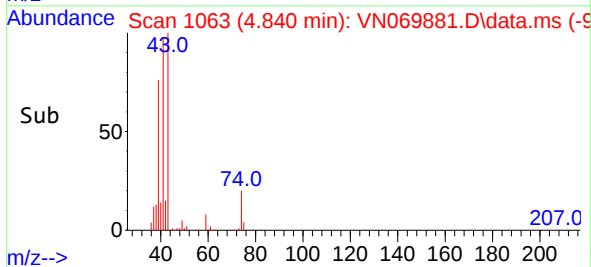
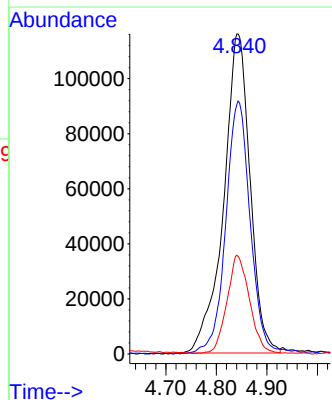
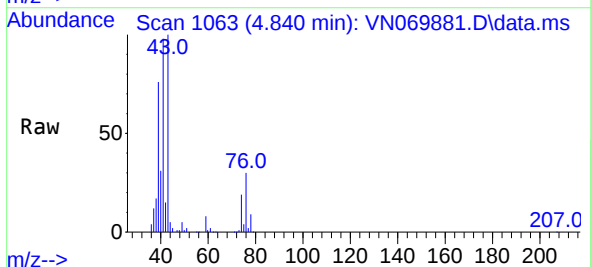
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

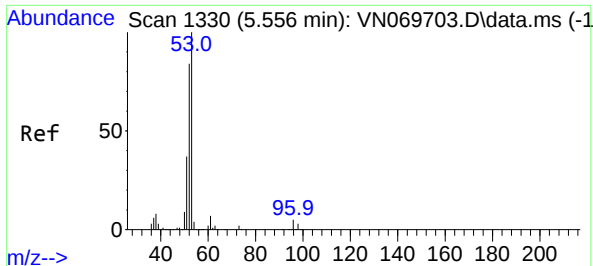
Tgt Ion: 56 Resp: 286007  
Ion Ratio Lower Upper  
56 100  
55 71.0 56.6 85.0



#14  
Allyl chloride  
Concen: 17.831 ug/l  
RT: 4.840 min Scan# 1063  
Delta R.T. 0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Tgt Ion: 41 Resp: 422509  
Ion Ratio Lower Upper  
41 100  
39 72.6 61.2 91.8  
76 26.1 26.0 39.0

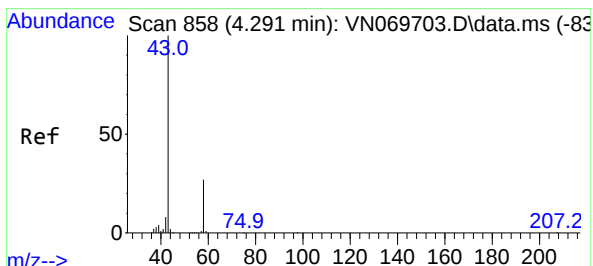
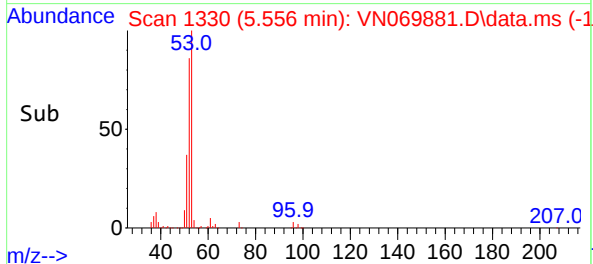
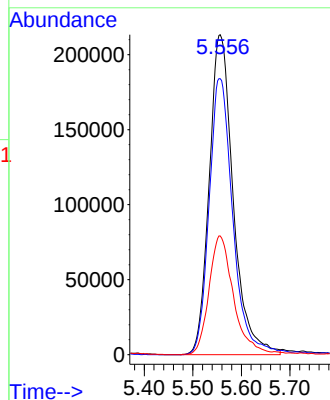
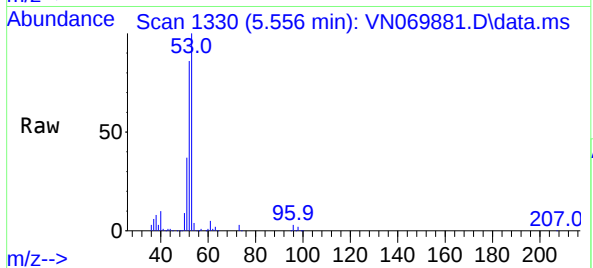




#15  
Acrylonitrile  
Concen: 84.415 ug/l  
RT: 5.556 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

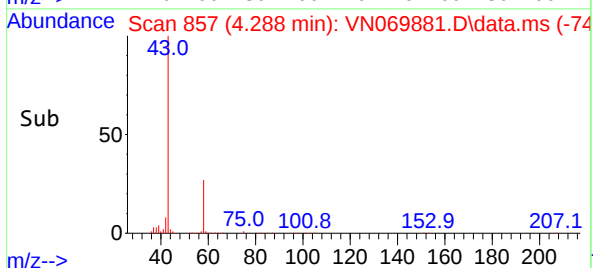
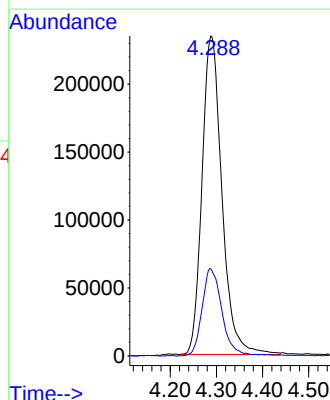
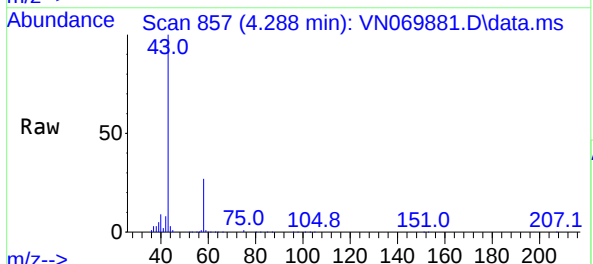
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

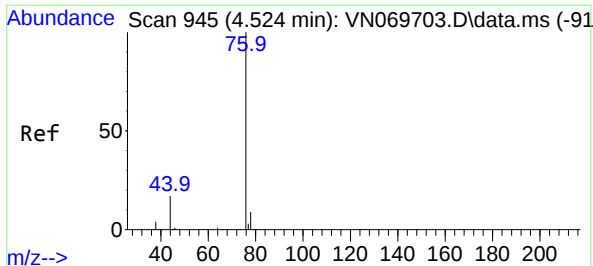
Tgt Ion: 53 Resp: 732893  
Ion Ratio Lower Upper  
53 100  
52 85.1 66.2 99.2  
51 37.9 29.6 44.4



#16  
Acetone  
Concen: 68.407 ug/l  
RT: 4.288 min Scan# 857  
Delta R.T. -0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Tgt Ion: 43 Resp: 701405  
Ion Ratio Lower Upper  
43 100  
58 27.3 23.1 34.7

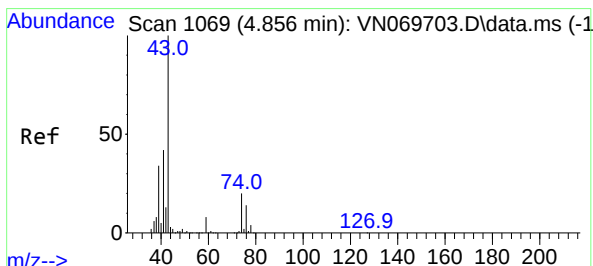
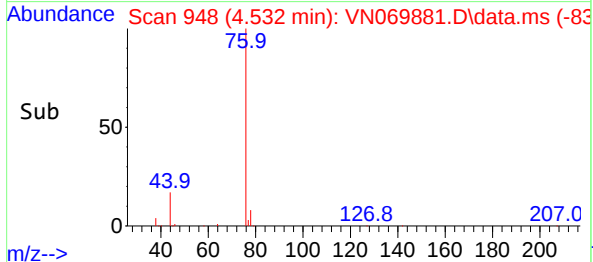
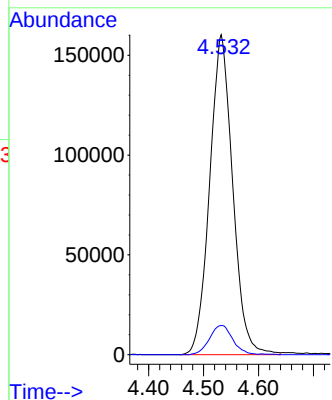
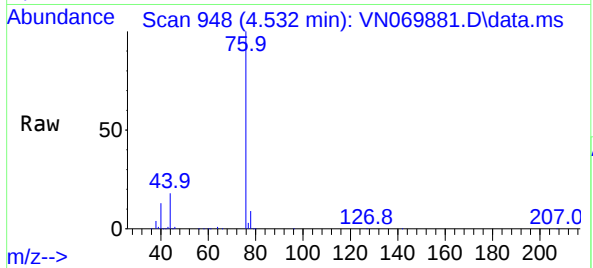




#17  
Carbon Disulfide  
Concen: 17.143 ug/l  
RT: 4.532 min Scan# 945  
Delta R.T. 0.008 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

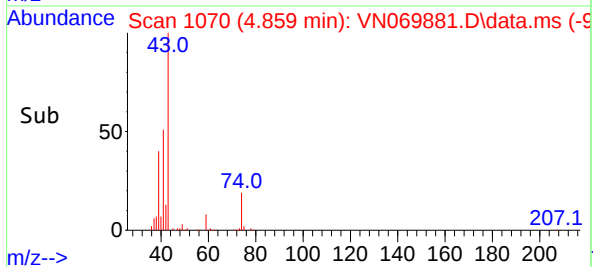
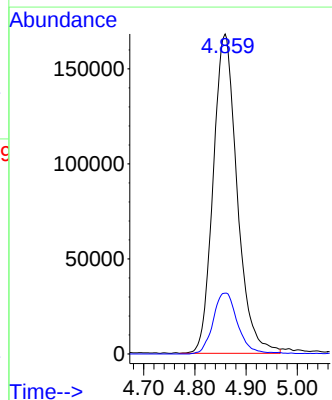
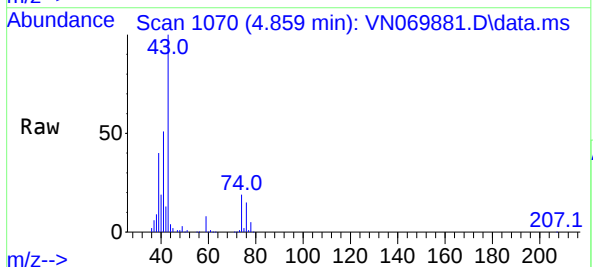
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

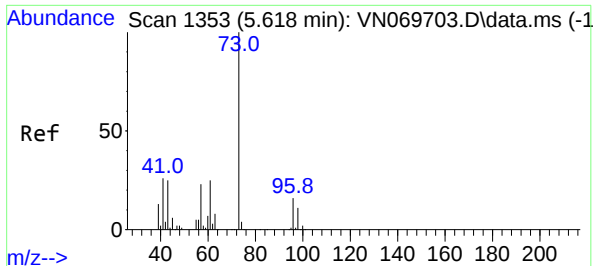
Tgt Ion: 76 Resp: 465733  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.5 11.3



#18  
Methyl Acetate  
Concen: 17.646 ug/l  
RT: 4.859 min Scan# 1070  
Delta R.T. 0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Tgt Ion: 43 Resp: 546125  
Ion Ratio Lower Upper  
43 100  
74 19.4 19.4 29.2#

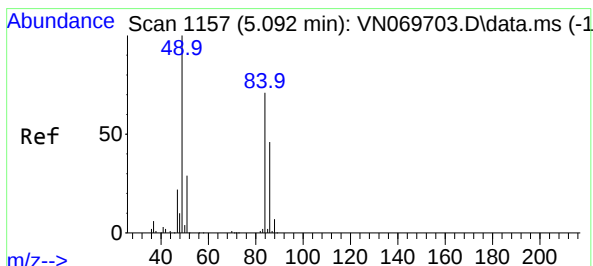
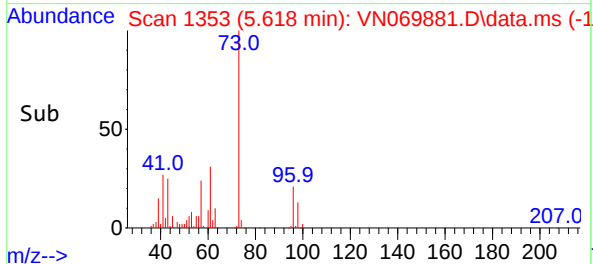
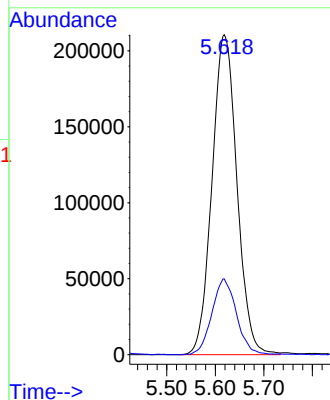
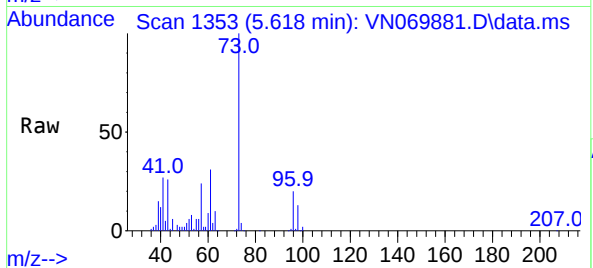




#19  
Methyl tert-butyl Ether  
Concen: 18.396 ug/l  
RT: 5.618 min Scan# 1160  
Delta R.T. 0.000 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

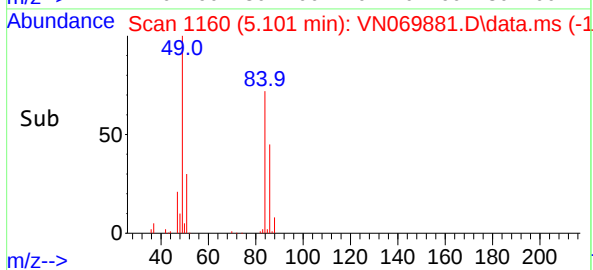
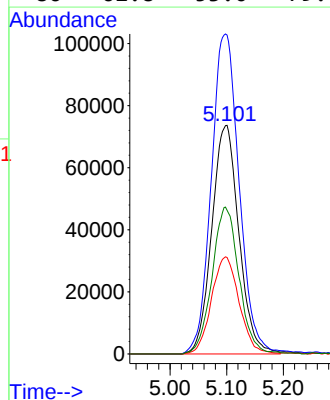
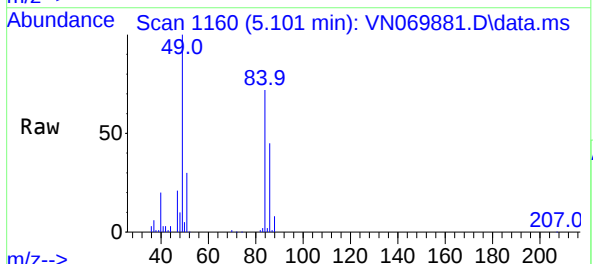
Instrument :  
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ClientSampleId :  
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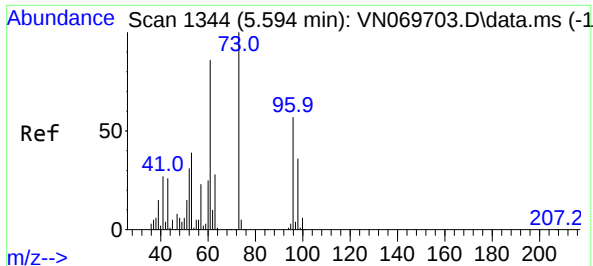
Tgt Ion: 73 Resp: 752156  
Ion Ratio Lower Upper  
73 100  
57 23.7 16.8 25.2



#20  
Methylene Chloride  
Concen: 17.976 ug/l  
RT: 5.101 min Scan# 1160  
Delta R.T. 0.008 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Tgt Ion: 84 Resp: 245023  
Ion Ratio Lower Upper  
84 100  
49 139.5 93.5 140.3  
51 42.2 29.4 44.2  
86 62.8 53.0 79.4

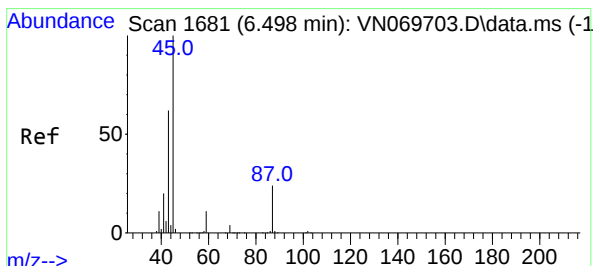
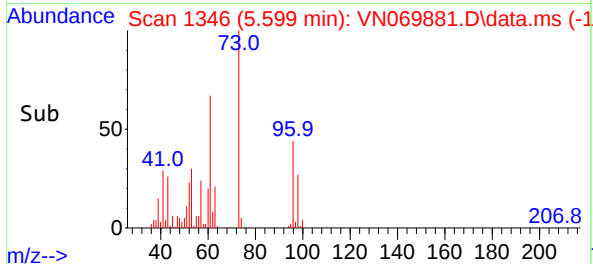
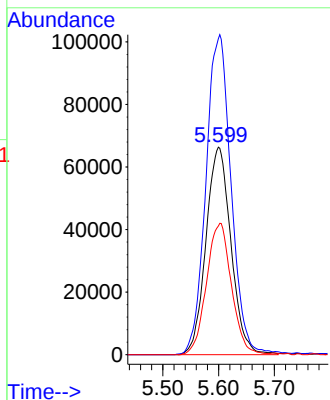
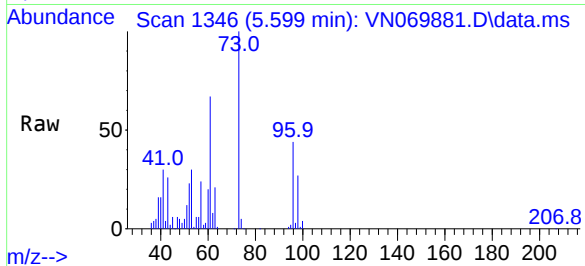




#21  
trans-1,2-Dichloroethene  
Concen: 18.131 ug/l  
RT: 5.599 min Scan# 11  
Delta R.T. 0.005 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

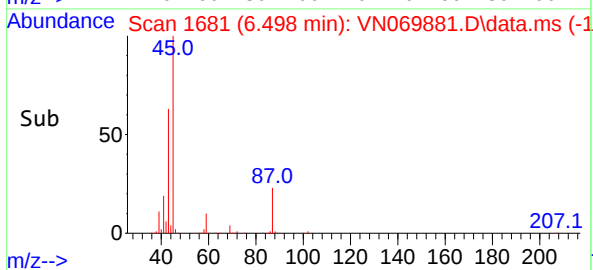
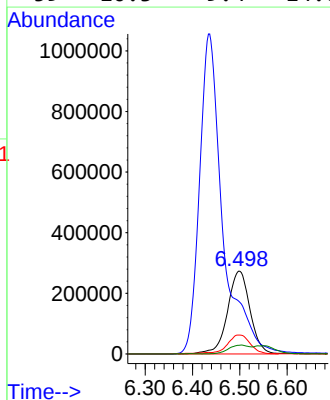
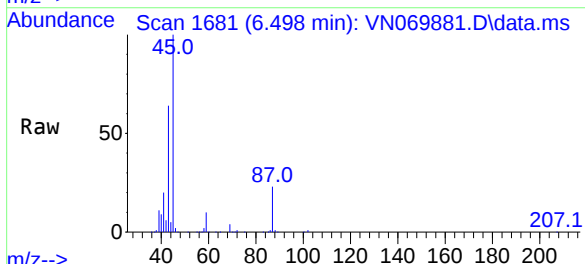
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ClientSampleId :  
VN1208WBSD02

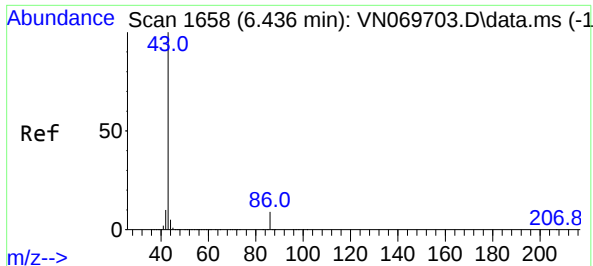
Tgt Ion: 96 Resp: 207082  
Ion Ratio Lower Upper  
96 100  
61 152.0 105.8 158.6  
98 62.0 52.0 78.0



#22  
Diisopropyl ether  
Concen: 19.425 ug/l  
RT: 6.498 min Scan# 1681  
Delta R.T. 0.000 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Tgt Ion: 45 Resp: 899666  
Ion Ratio Lower Upper  
45 100  
43 62.9 51.7 77.5  
87 22.6 23.2 34.8#  
59 10.3 9.4 14.0

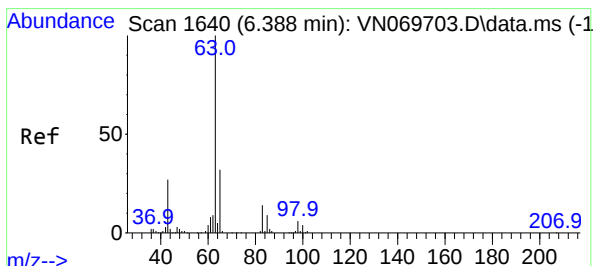
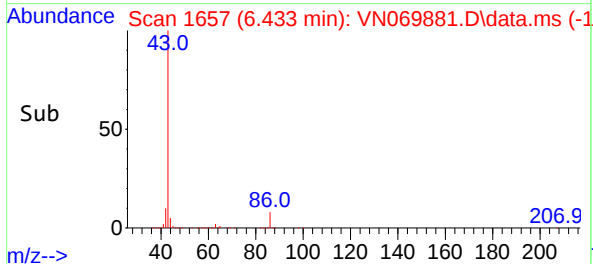
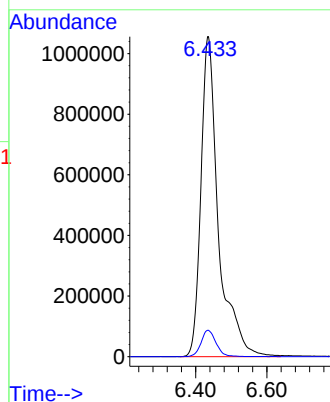
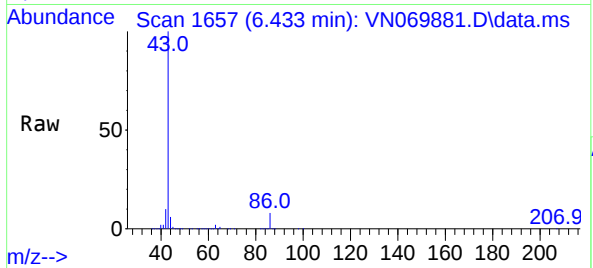




#23  
 Vinyl Acetate  
 Concen: 95.559 ug/l  
 RT: 6.433 min Scan# 1  
 Delta R.T. -0.003 min  
 Lab File: VN069881.D  
 Acq: 9 Dec 2021 00:32

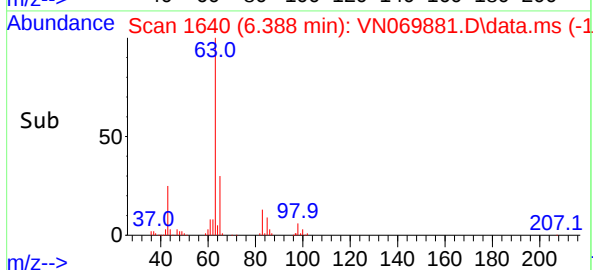
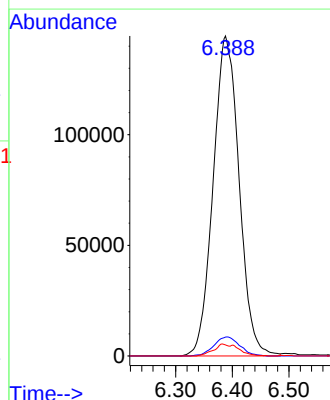
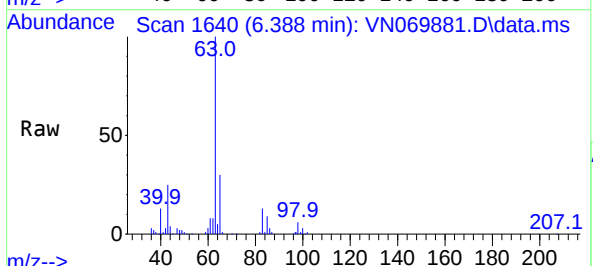
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1208WBSD02

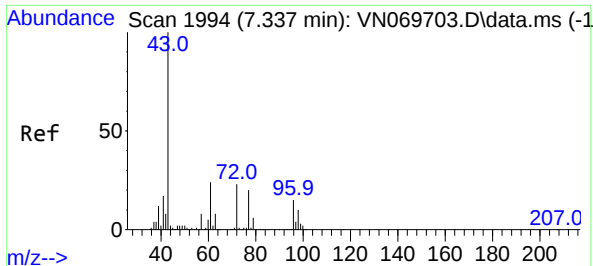
Tgt Ion: 43 Resp: 3600635  
 Ion Ratio Lower Upper  
 43 100  
 86 8.2 8.5 12.7#



#24  
 1,1-Dichloroethane  
 Concen: 19.218 ug/l  
 RT: 6.388 min Scan# 1640  
 Delta R.T. 0.000 min  
 Lab File: VN069881.D  
 Acq: 9 Dec 2021 00:32

Tgt Ion: 63 Resp: 461077  
 Ion Ratio Lower Upper  
 63 100  
 98 5.9 3.3 9.9  
 100 3.5 2.1 6.5





#25

2-Butanone

Concen: 77.133 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN069881.D

Acq: 9 Dec 2021 00:32

Instrument :

MSVOA\_N

ClientSampleId :

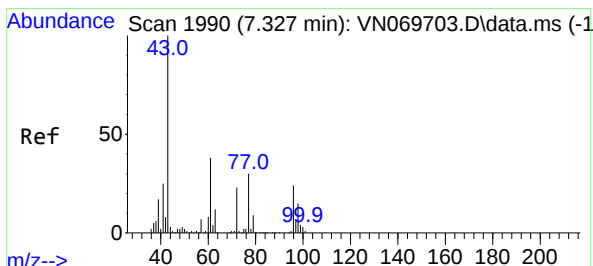
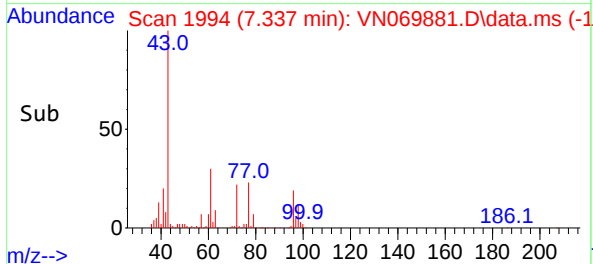
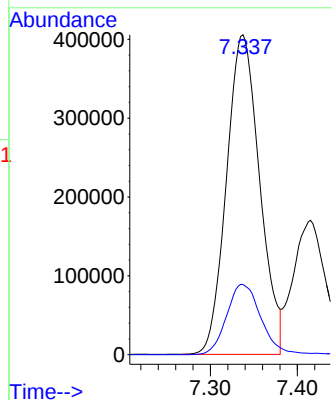
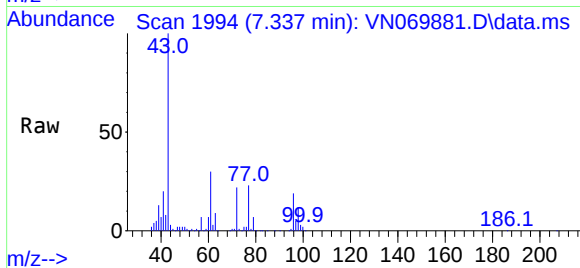
VN1208WBSD02

Tgt Ion: 43 Resp: 1074572

Ion Ratio Lower Upper

43 100

72 22.0 21.7 32.5



#26

2,2-Dichloropropane

Concen: 16.728 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN069881.D

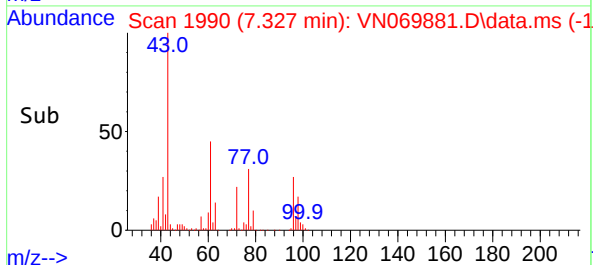
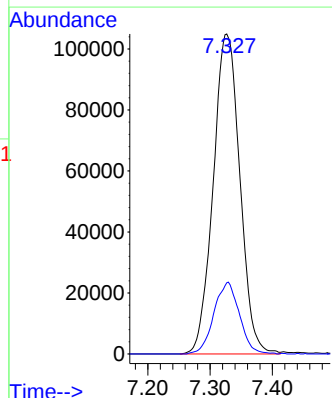
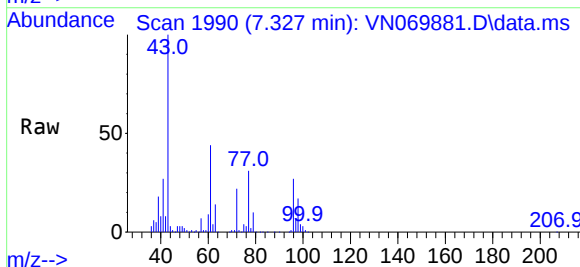
Acq: 9 Dec 2021 00:32

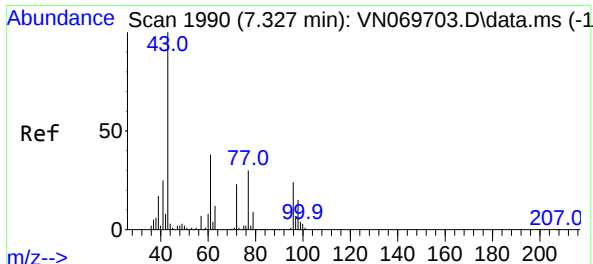
Tgt Ion: 77 Resp: 312041

Ion Ratio Lower Upper

77 100

97 21.4 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 18.091 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN069881.D

Acq: 9 Dec 2021 00:32

Instrument :

MSVOA\_N

ClientSampleId :

VN1208WBSD02

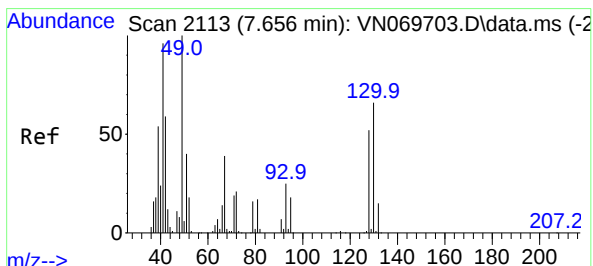
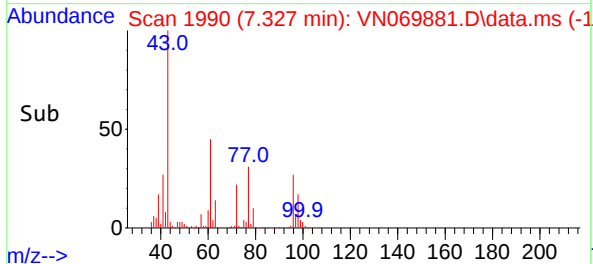
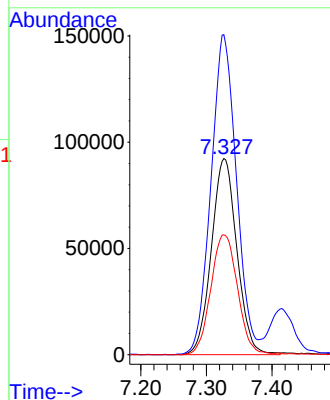
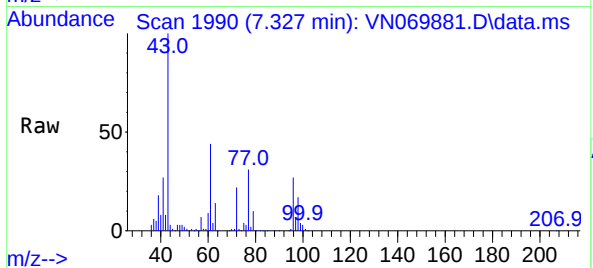
Tgt Ion: 96 Resp: 249645

Ion Ratio Lower Upper

96 100

61 162.6 0.0 275.0

98 63.9 0.0 129.6



#28

Bromochloromethane

Concen: 20.398 ug/l

RT: 7.656 min Scan# 2113

Delta R.T. 0.000 min

Lab File: VN069881.D

Acq: 9 Dec 2021 00:32

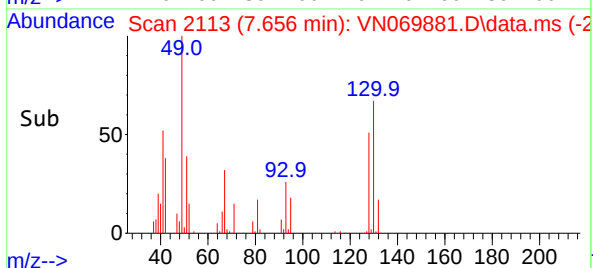
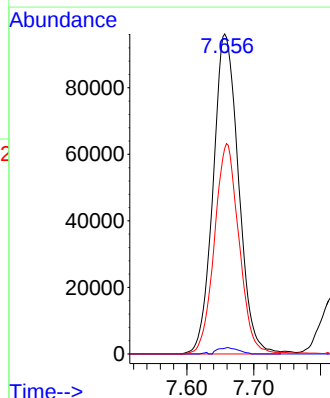
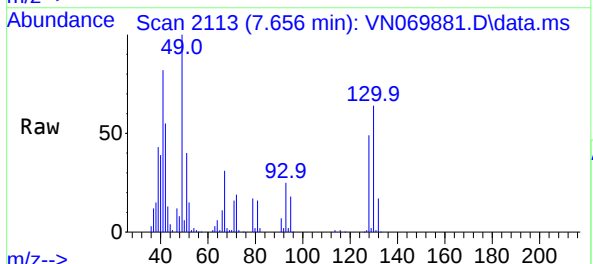
Tgt Ion: 49 Resp: 254478

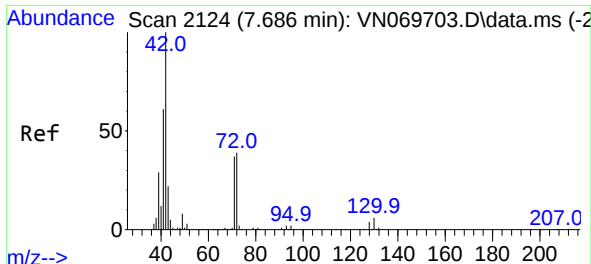
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.0

130 63.4 67.8 101.8

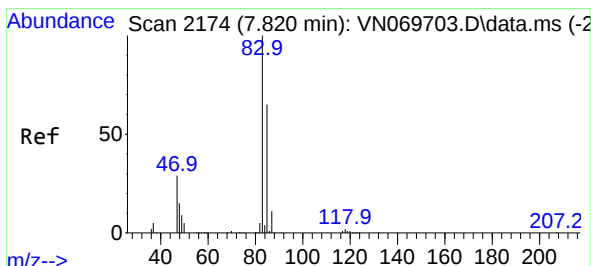
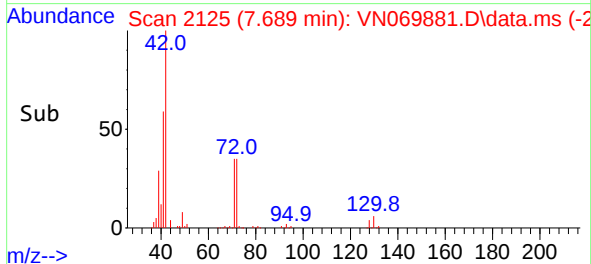
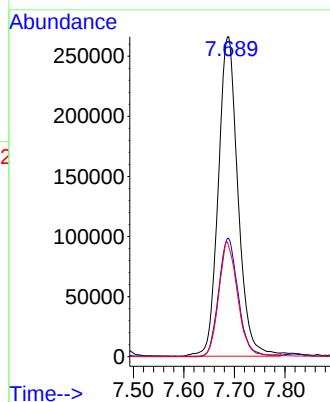
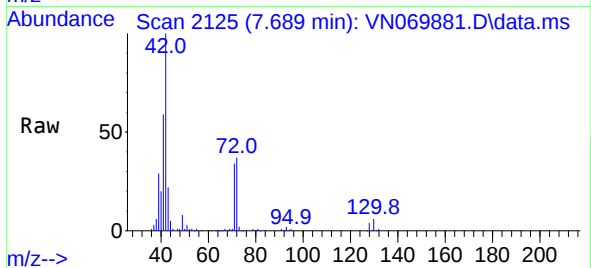




#29  
Tetrahydrofuran  
Concen: 85.115 ug/l  
RT: 7.689 min Scan# 2124  
Delta R.T. 0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

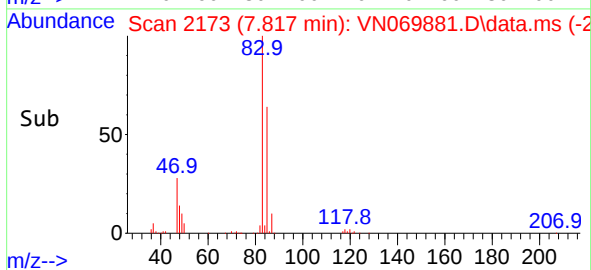
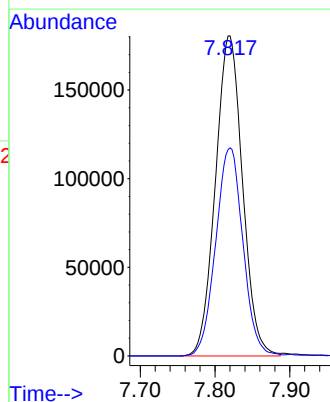
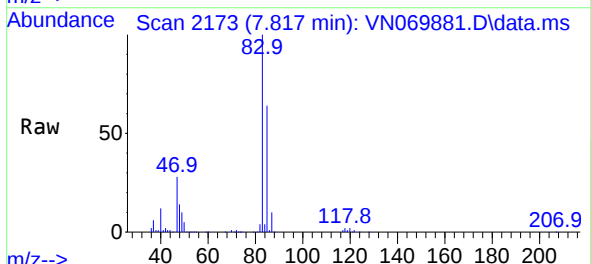
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

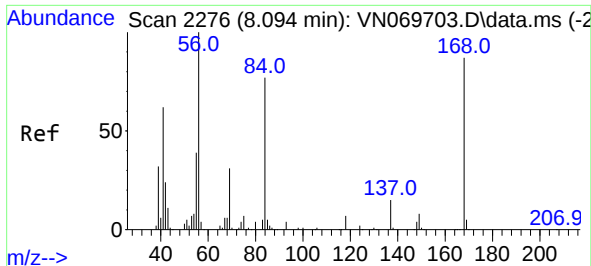
Tgt Ion: 42 Resp: 720034  
Ion Ratio Lower Upper  
42 100  
72 36.5 36.3 54.5  
71 34.5 34.7 52.1#



#30  
Chloroform  
Concen: 18.798 ug/l  
RT: 7.817 min Scan# 2173  
Delta R.T. -0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

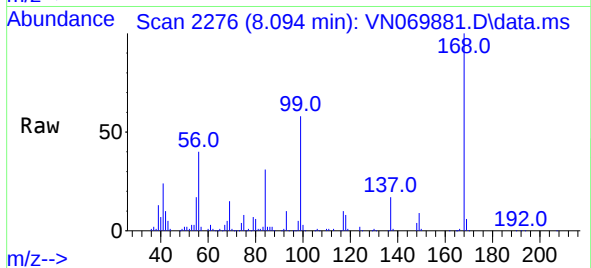
Tgt Ion: 83 Resp: 455480  
Ion Ratio Lower Upper  
83 100  
85 64.5 51.9 77.9



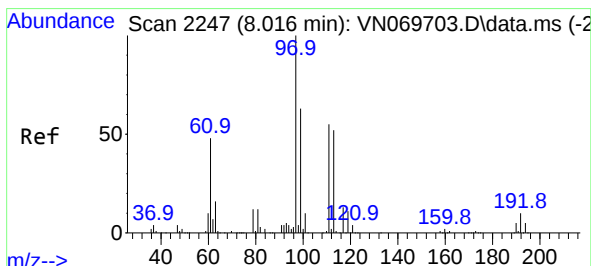
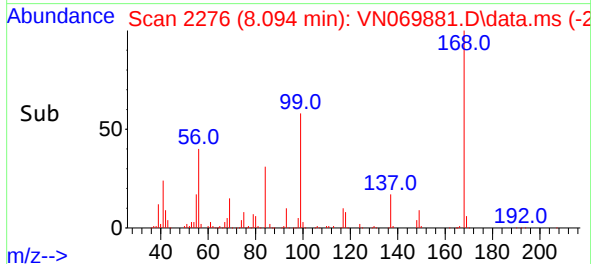
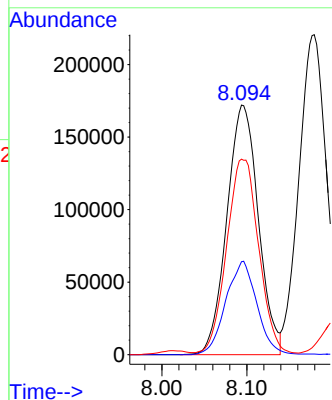


#31  
Cyclohexane  
Concen: 18.706 ug/l  
RT: 8.094 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

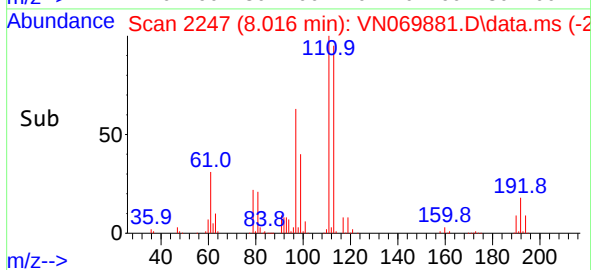
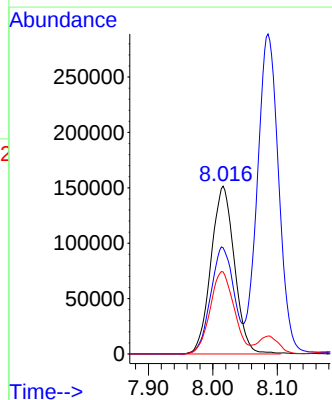
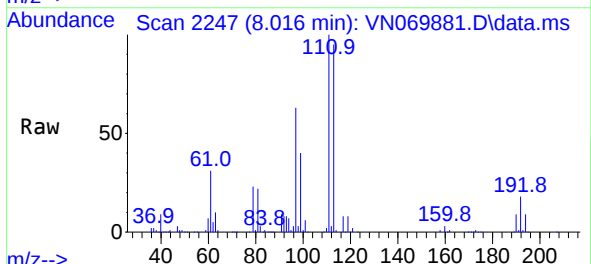


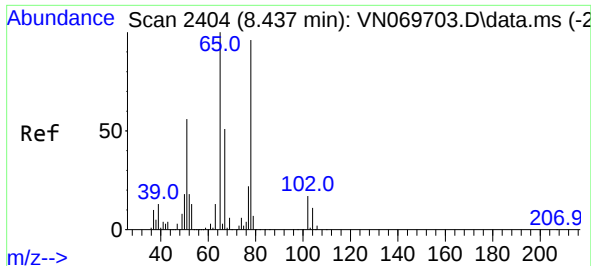
Tgt Ion: 56 Resp: 443733  
Ion Ratio Lower Upper  
56 100  
69 37.3 27.1 40.7  
84 76.9 73.4 110.0



#32  
1,1,1-Trichloroethane  
Concen: 18.567 ug/l  
RT: 8.016 min Scan# 2247  
Delta R.T. 0.000 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Tgt Ion: 97 Resp: 383202  
Ion Ratio Lower Upper  
97 100  
99 62.7 50.1 75.1  
61 50.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.707 ug/l

RT: 8.437 min Scan# 24

Delta R.T. 0.000 min

Lab File: VN069881.D

Acq: 9 Dec 2021 00:32

Instrument :

MSVOA\_N

ClientSampleId :

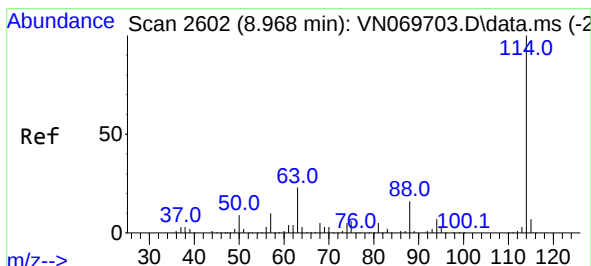
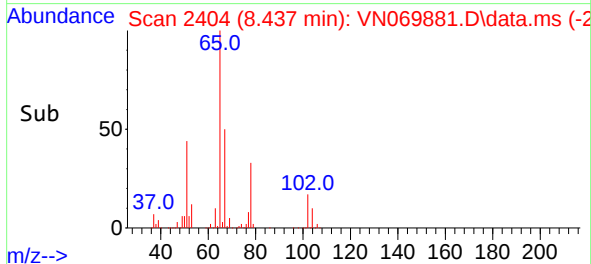
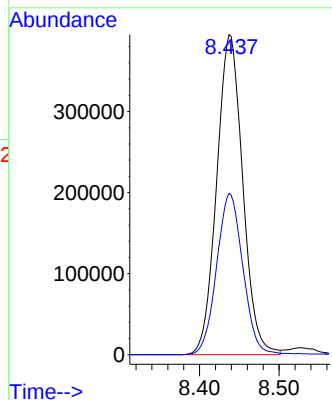
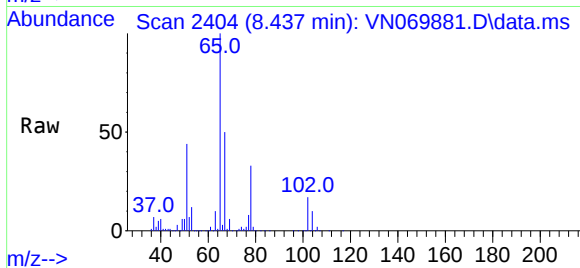
VN1208WBSD02

Tgt Ion: 65 Resp: 898395

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069881.D

Acq: 9 Dec 2021 00:32

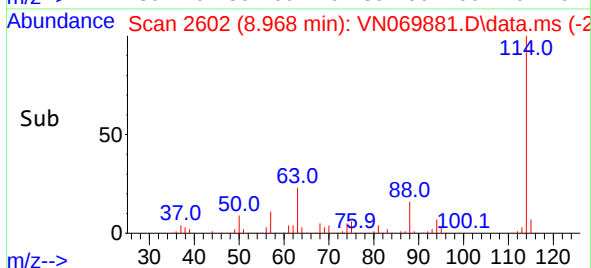
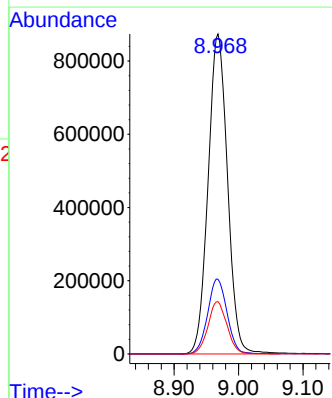
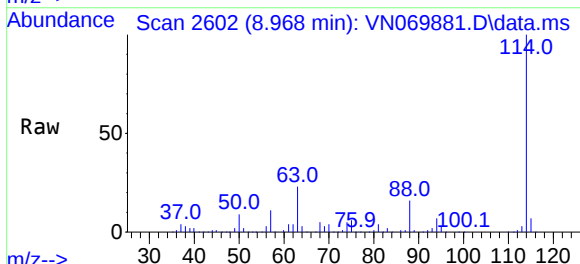
Tgt Ion: 114 Resp: 1827238

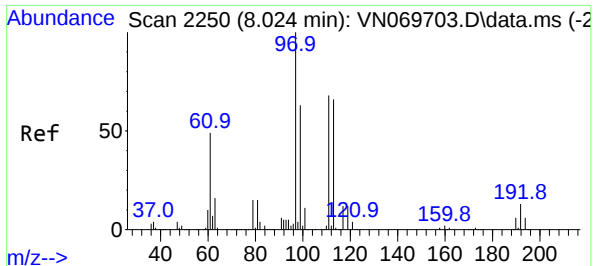
Ion Ratio Lower Upper

114 100

63 23.3 0.0 37.8

88 16.3 0.0 27.4

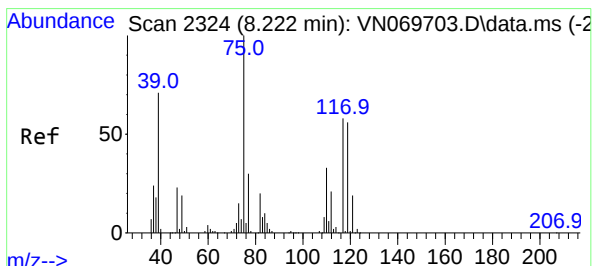
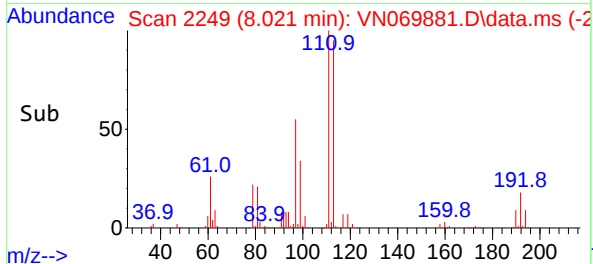
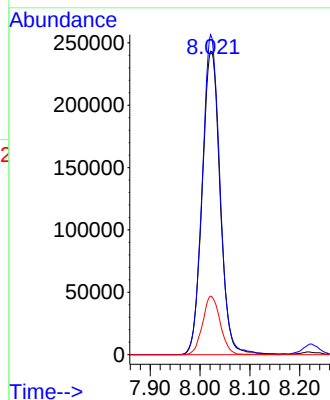
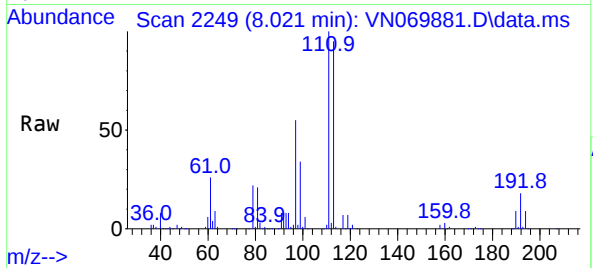




#35  
Dibromofluoromethane  
Concen: 53.090 ug/l  
RT: 8.021 min Scan# 2113  
Delta R.T. -0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

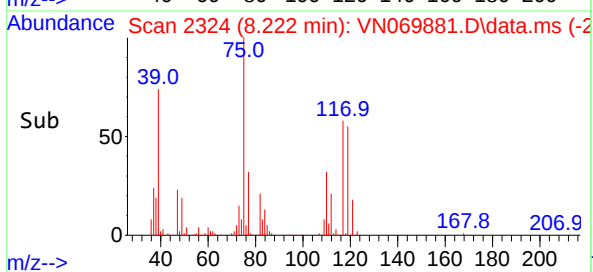
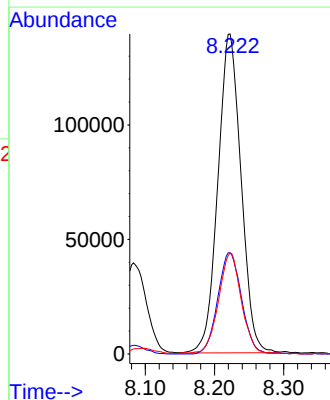
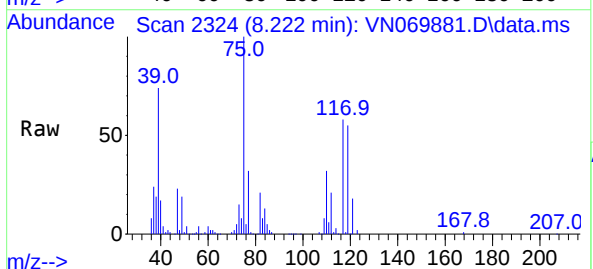
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

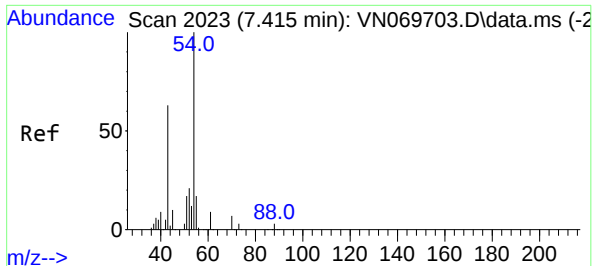
Tgt Ion:113 Resp: 607642  
Ion Ratio Lower Upper  
113 100  
111 103.7 82.2 123.2  
192 19.0 16.9 25.3



#36  
1,1-Dichloropropene  
Concen: 18.616 ug/l  
RT: 8.222 min Scan# 2324  
Delta R.T. 0.000 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Tgt Ion: 75 Resp: 323821  
Ion Ratio Lower Upper  
75 100  
110 32.5 18.4 55.2  
77 30.9 24.4 36.6

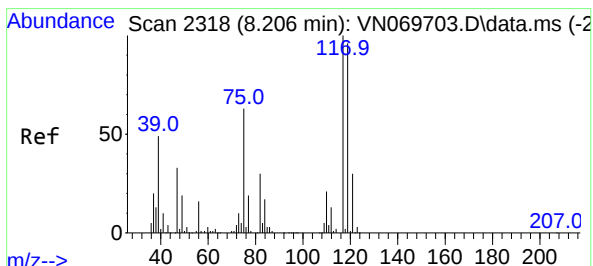
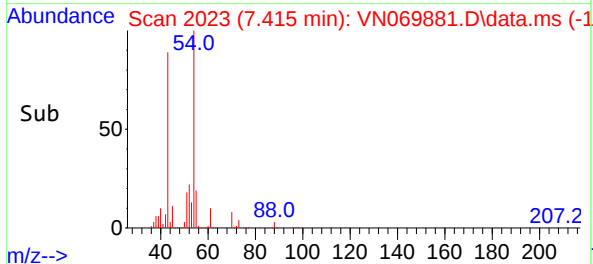
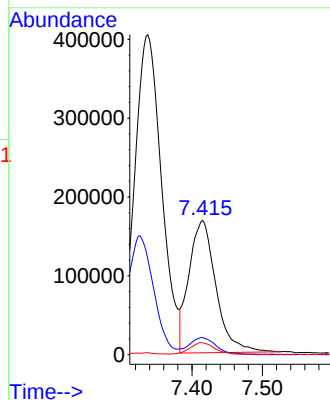
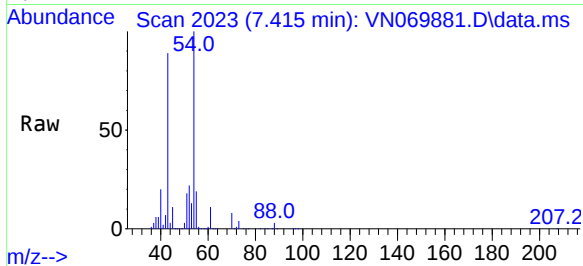




#37  
Ethyl Acetate  
Concen: 17.225 ug/l  
RT: 7.415 min Scan# 2023  
Delta R.T. 0.000 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

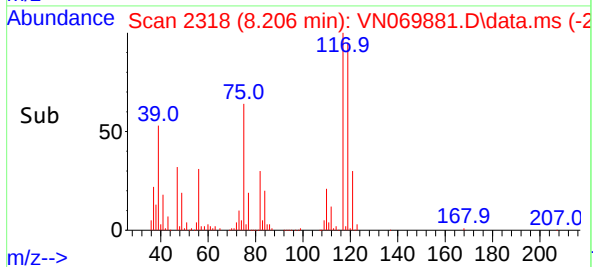
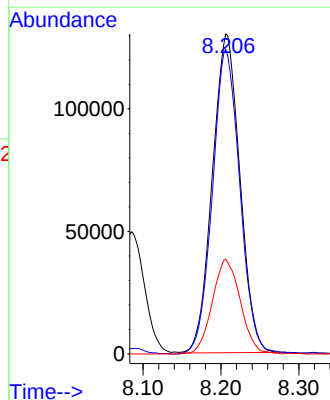
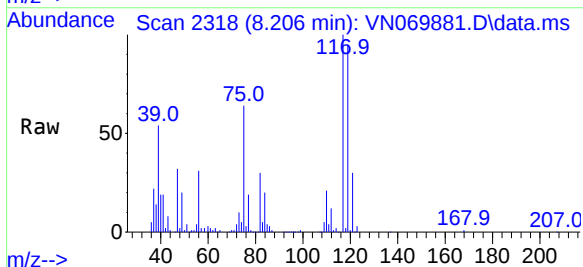
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

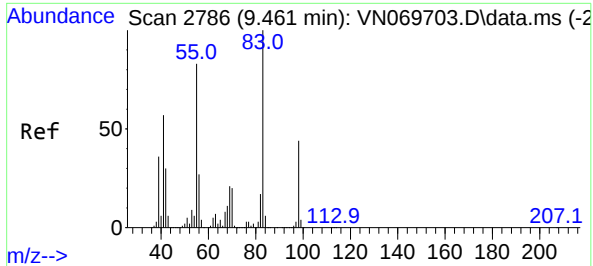
Tgt Ion: 43 Resp: 445951  
Ion Ratio Lower Upper  
43 100  
61 12.1 11.5 17.3  
70 8.7 7.9 11.9



#38  
Carbon Tetrachloride  
Concen: 18.676 ug/l  
RT: 8.206 min Scan# 2318  
Delta R.T. 0.000 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Tgt Ion: 117 Resp: 318571  
Ion Ratio Lower Upper  
117 100  
119 95.5 76.1 114.1  
121 29.7 24.2 36.2

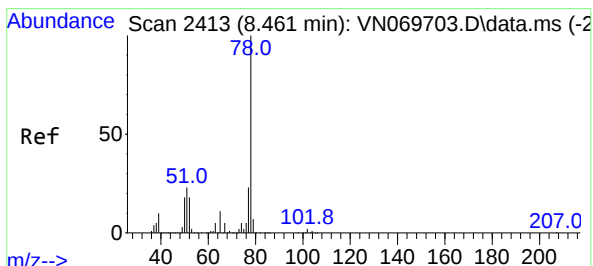
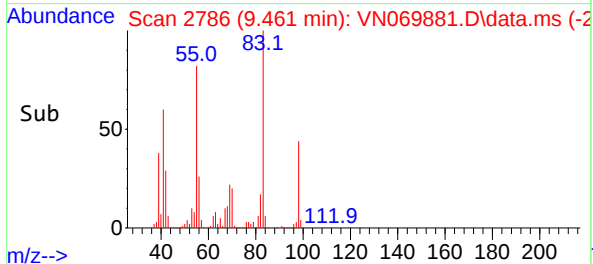
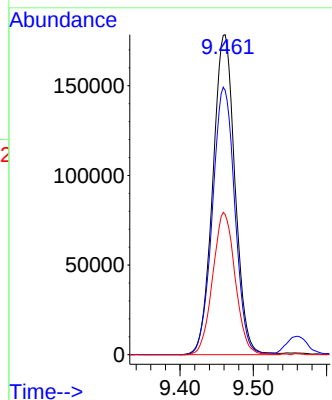
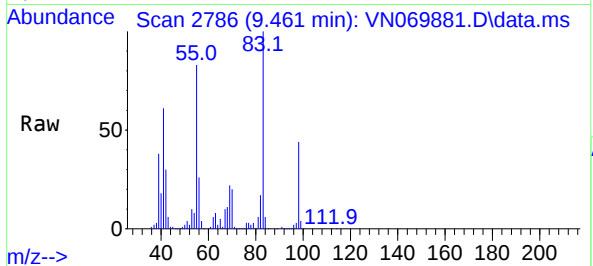




#39  
Methylcyclohexane  
Concen: 18.159 ug/l  
RT: 9.461 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

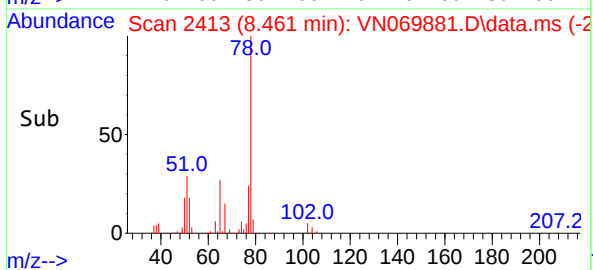
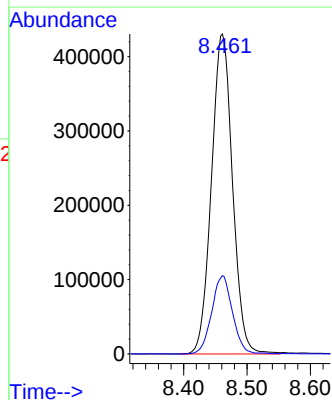
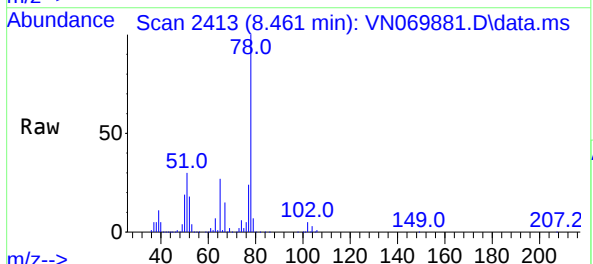
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

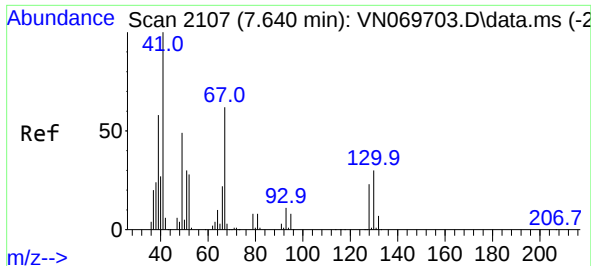
Tgt Ion: 83 Resp: 375721  
Ion Ratio Lower Upper  
83 100  
55 82.6 58.1 87.1  
98 43.8 38.4 57.6



#40  
Benzene  
Concen: 18.711 ug/l  
RT: 8.461 min Scan# 2413  
Delta R.T. 0.000 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Tgt Ion: 78 Resp: 994833  
Ion Ratio Lower Upper  
78 100  
77 24.4 18.6 27.8

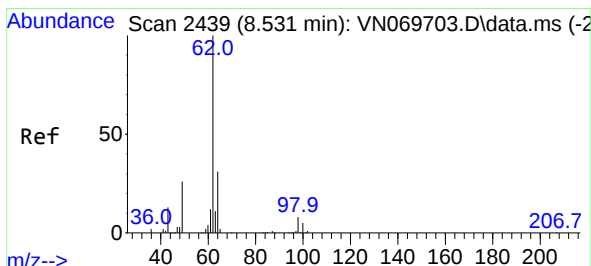
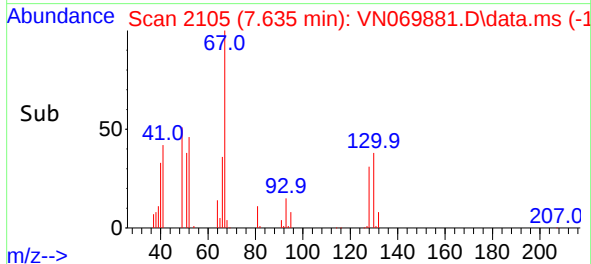
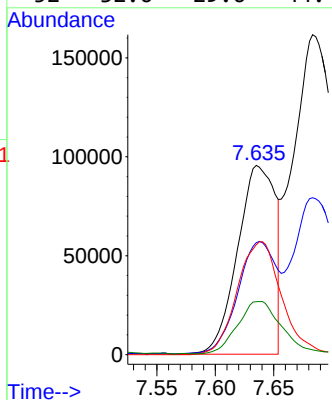
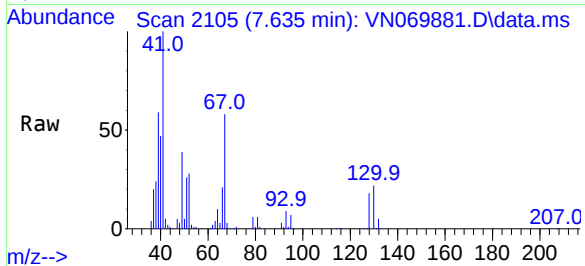




#41  
Methacrylonitrile  
Concen: 17.604 ug/l  
RT: 7.635 min Scan# 2105  
Delta R.T. -0.005 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

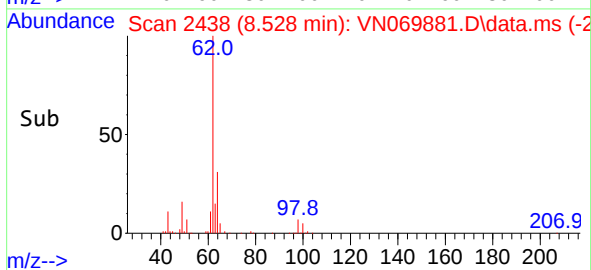
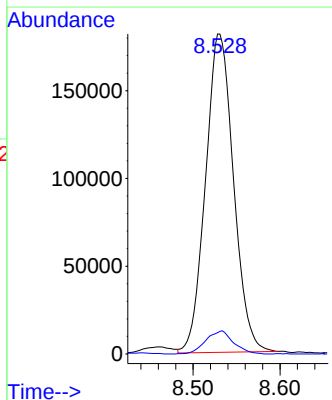
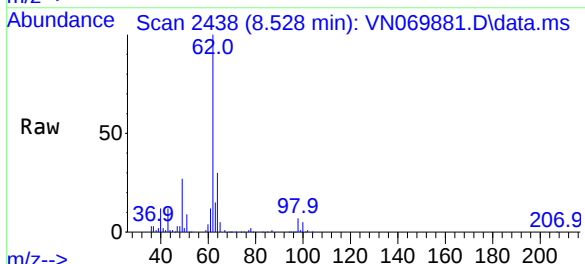
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

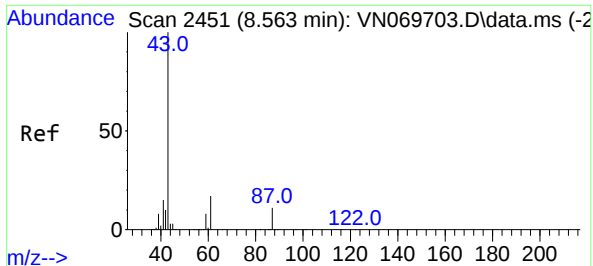
Tgt Ion: 41 Resp: 213947  
Ion Ratio Lower Upper  
41 100  
39 61.5 48.1 72.1  
67 70.4 68.3 102.5  
52 32.6 29.6 44.4



#42  
1,2-Dichloroethane  
Concen: 18.915 ug/l  
RT: 8.528 min Scan# 2438  
Delta R.T. -0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Tgt Ion: 62 Resp: 405978  
Ion Ratio Lower Upper  
62 100  
98 7.2 0.0 17.6

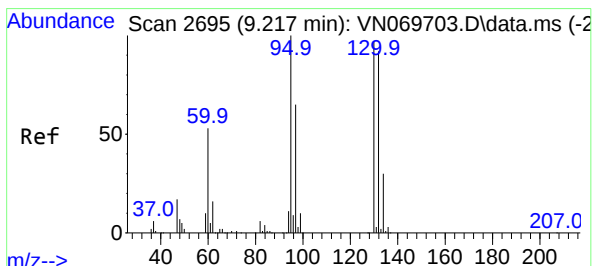
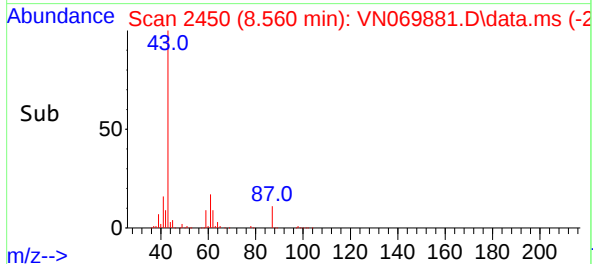
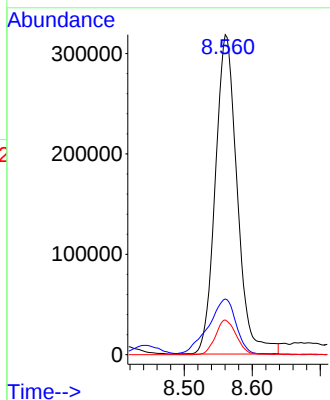
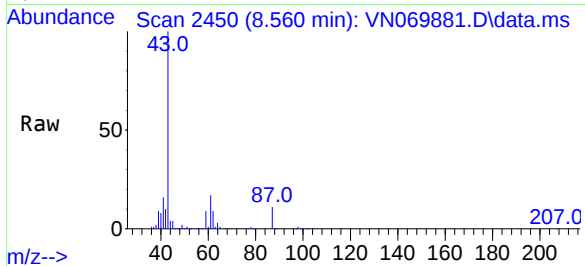




#43  
Isopropyl Acetate  
Concen: 18.586 ug/l  
RT: 8.560 min Scan# 2451  
Delta R.T. -0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

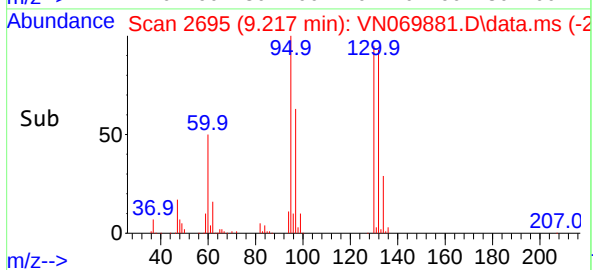
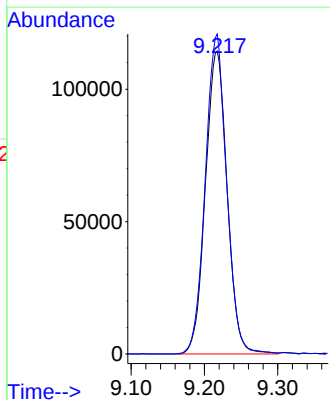
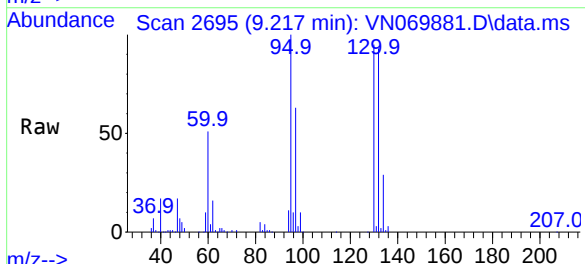
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

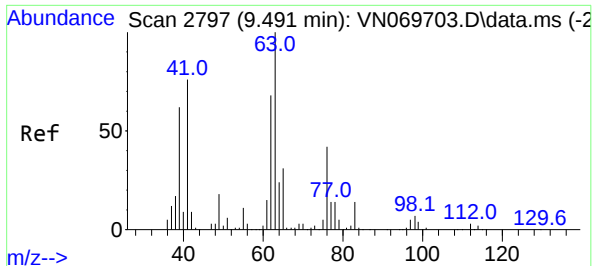
Tgt Ion: 43 Resp: 712089  
Ion Ratio Lower Upper  
43 100  
61 21.5 20.4 30.6  
87 10.4 11.2 16.8#



#44  
Trichloroethene  
Concen: 18.589 ug/l  
RT: 9.217 min Scan# 2695  
Delta R.T. 0.000 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Tgt Ion:130 Resp: 235897  
Ion Ratio Lower Upper  
130 100  
95 105.5 0.0 191.2





#45

1,2-Dichloropropane

Concen: 19.149 ug/l

RT: 9.488 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069881.D

Acq: 9 Dec 2021 00:32

Instrument :

MSVOA\_N

ClientSampleId :

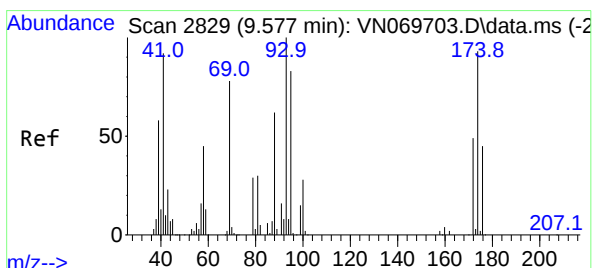
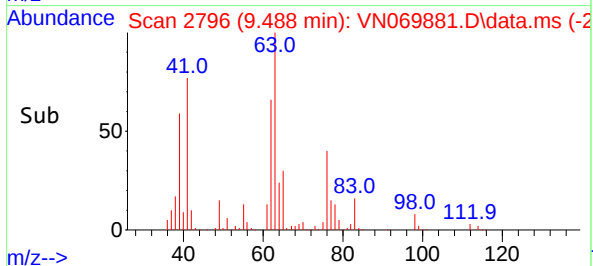
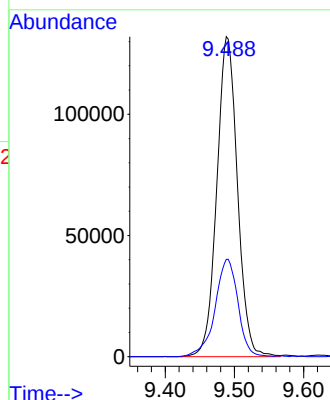
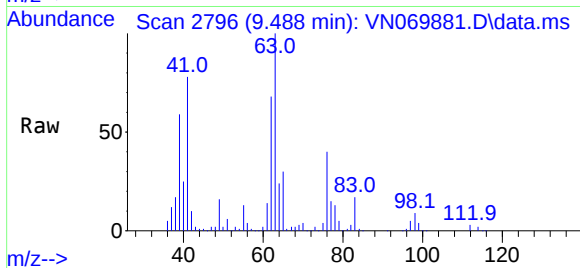
VN1208WBSD02

Tgt Ion: 63 Resp: 273409

Ion Ratio Lower Upper

63 100

65 30.3 24.7 37.1



#46

Dibromomethane

Concen: 18.846 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN069881.D

Acq: 9 Dec 2021 00:32

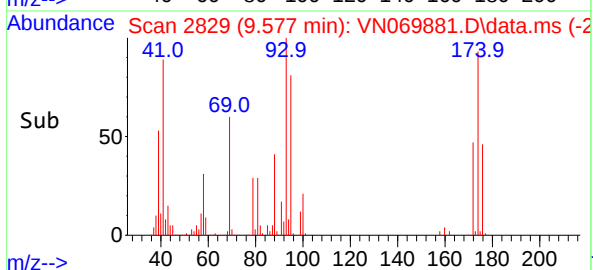
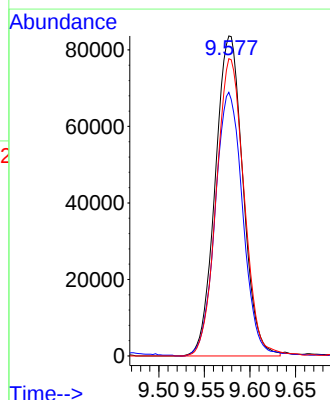
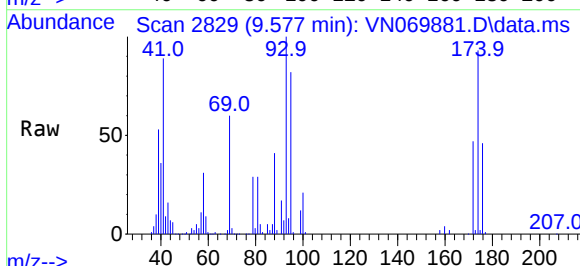
Tgt Ion: 93 Resp: 176470

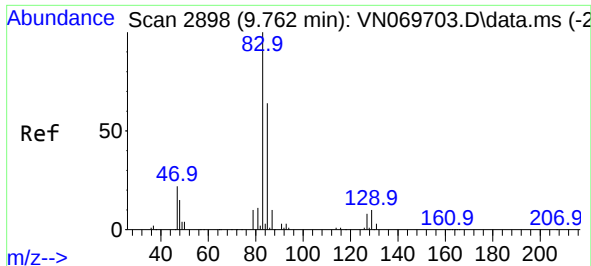
Ion Ratio Lower Upper

93 100

95 82.6 65.9 98.9

174 93.2 84.6 127.0

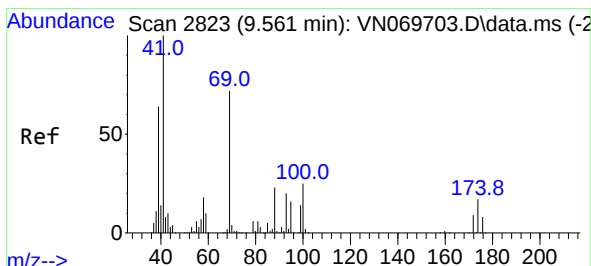
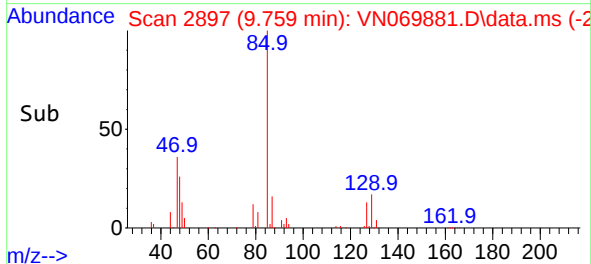
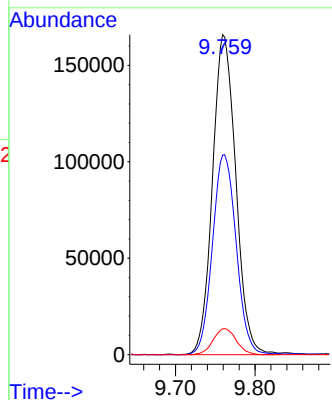
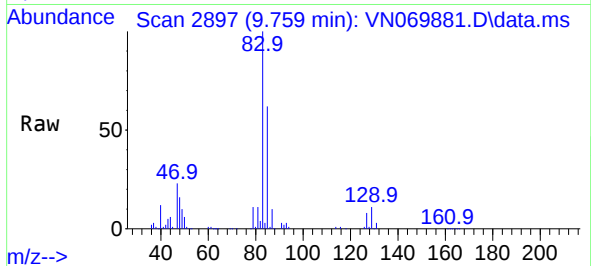




#47  
Bromodichloromethane  
Concen: 19.089 ug/l  
RT: 9.759 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

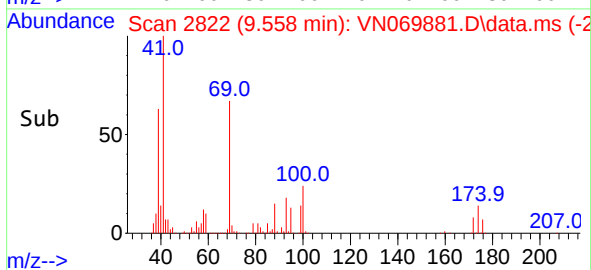
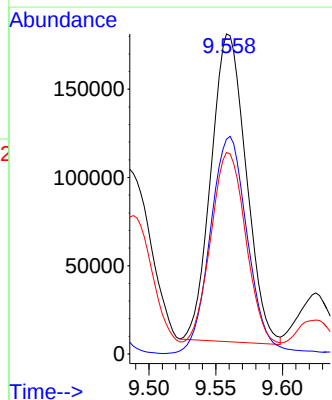
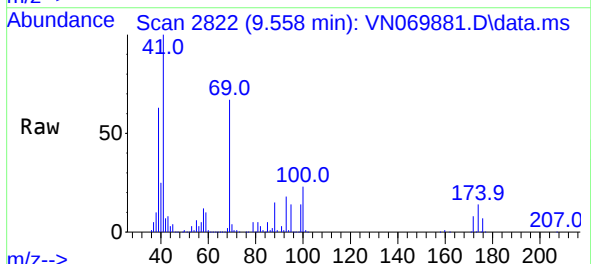
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

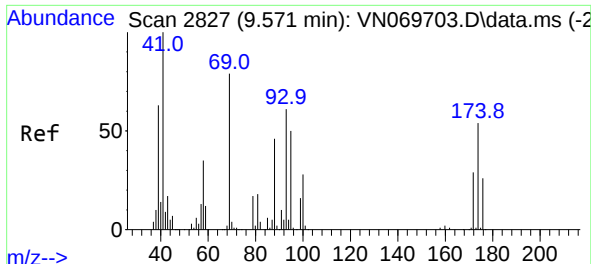
Tgt Ion: 83 Resp: 338428  
Ion Ratio Lower Upper  
83 100  
85 62.4 50.9 76.3  
127 8.1 7.1 10.7



#48  
Methyl methacrylate  
Concen: 17.794 ug/l  
RT: 9.558 min Scan# 2822  
Delta R.T. -0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

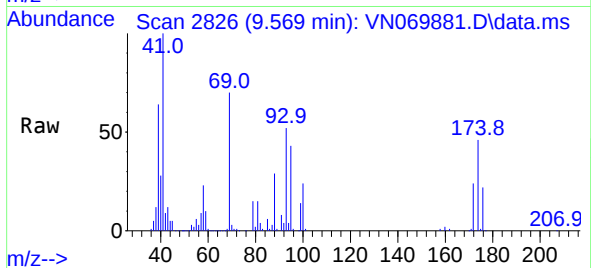
Tgt Ion: 41 Resp: 318158  
Ion Ratio Lower Upper  
41 100  
69 75.2 72.4 108.6  
39 68.5 58.4 87.6



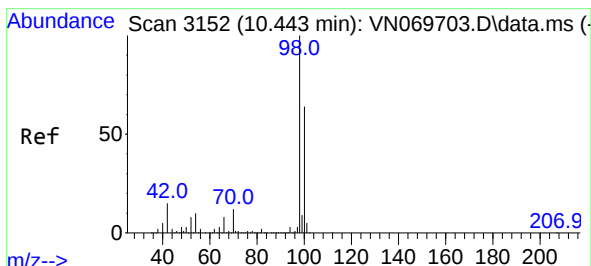
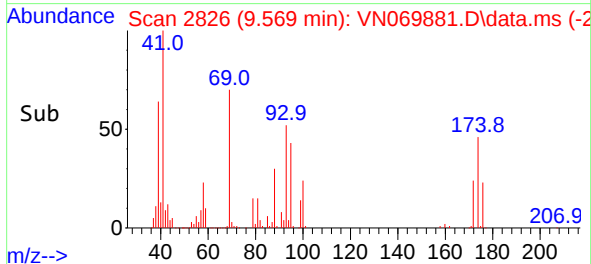
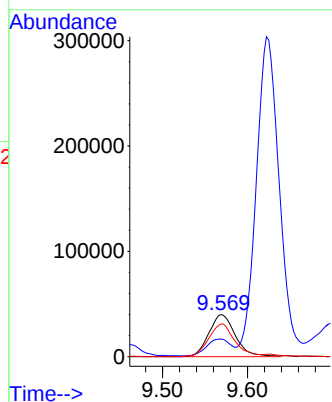


#49  
1,4-Dioxane  
Concen: 269.706 ug/l  
RT: 9.569 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

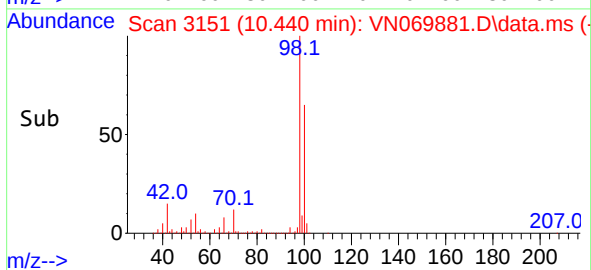
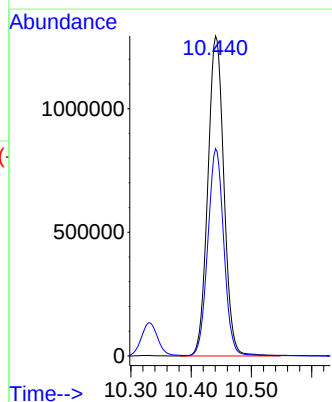
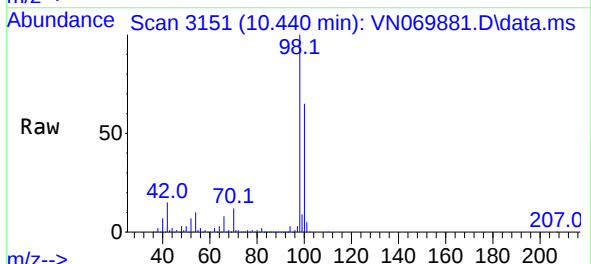


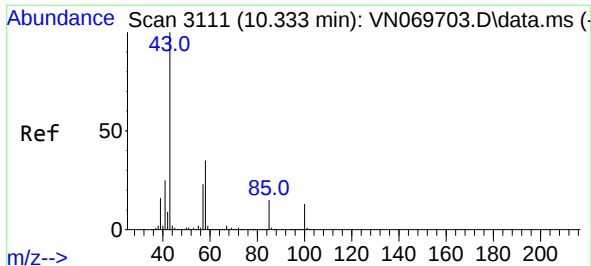
Tgt Ion: 88 Resp: 86526  
Ion Ratio Lower Upper  
88 100  
43 35.9 23.4 35.2#  
58 76.5 50.6 75.8#



#50  
Toluene-d8  
Concen: 52.221 ug/l  
RT: 10.440 min Scan# 3151  
Delta R.T. -0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Tgt Ion: 98 Resp: 2399945  
Ion Ratio Lower Upper  
98 100  
100 64.1 50.4 75.6

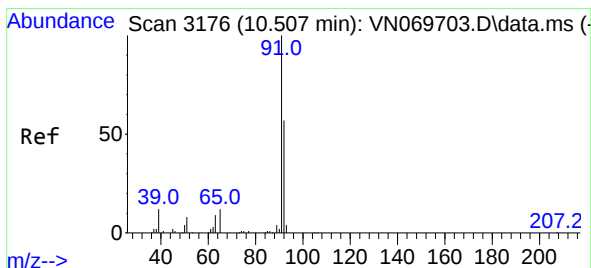
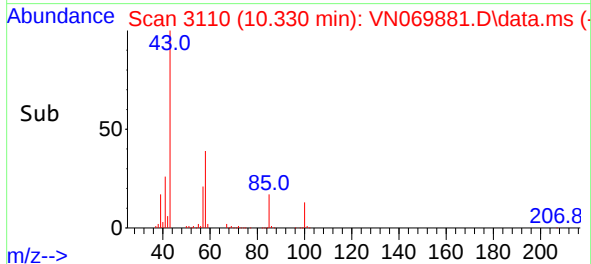
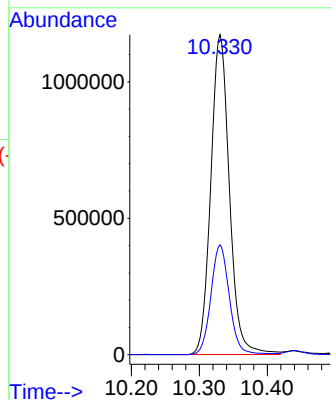
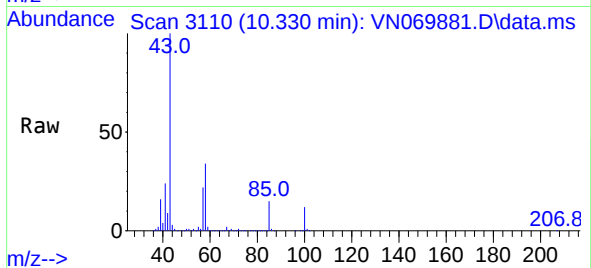




#51  
4-Methyl-2-Pentanone  
Concen: 89.886 ug/l  
RT: 10.330 min Scan# 3111  
Delta R.T. -0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

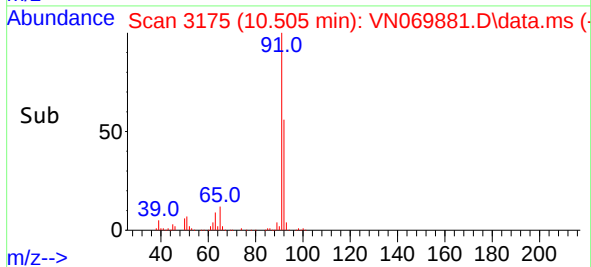
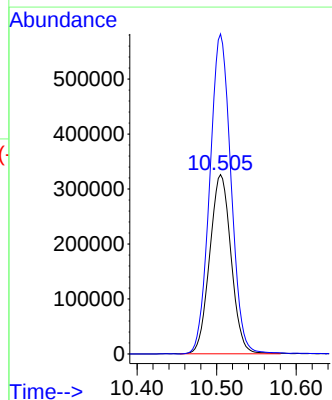
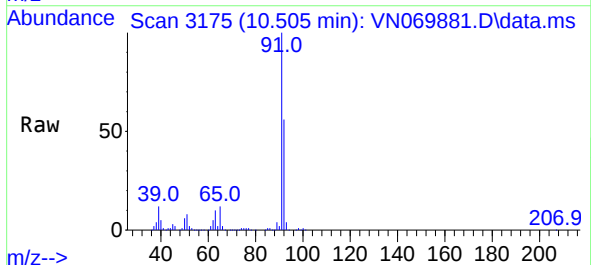
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

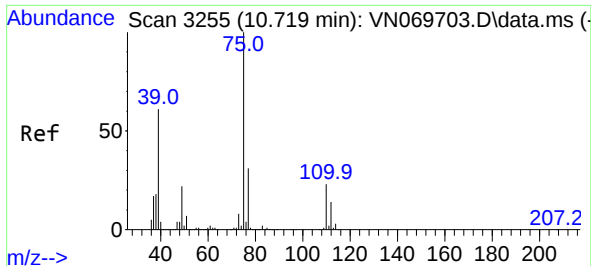
Tgt Ion: 43 Resp: 2234066  
Ion Ratio Lower Upper  
43 100  
58 34.1 30.4 45.6



#52  
Toluene  
Concen: 18.712 ug/l  
RT: 10.505 min Scan# 3175  
Delta R.T. -0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Tgt Ion: 92 Resp: 607408  
Ion Ratio Lower Upper  
92 100  
91 178.0 142.0 213.0

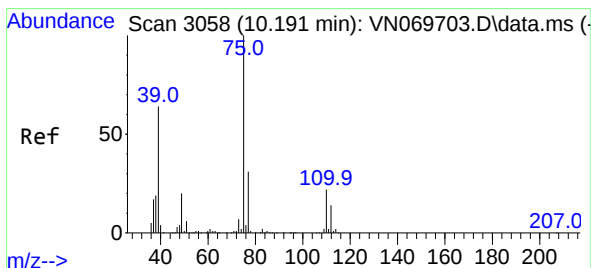
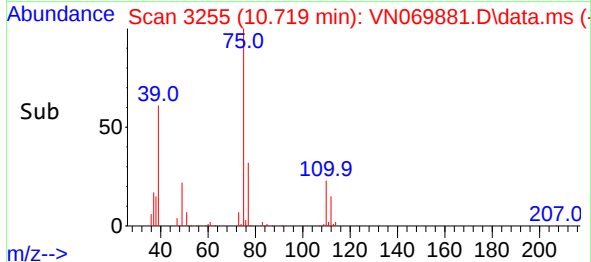
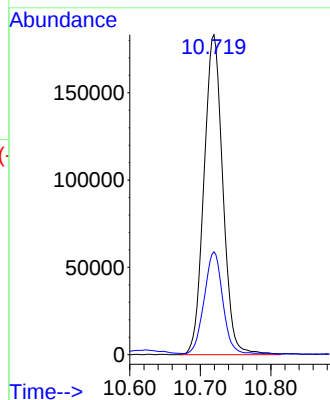
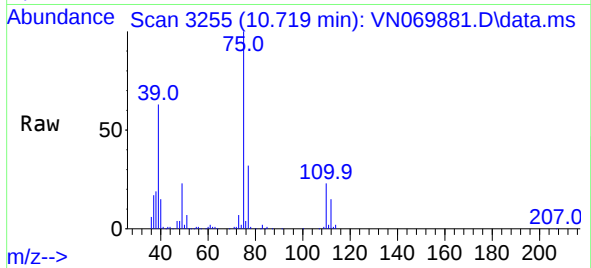




#53  
t-1,3-Dichloropropene  
Concen: 17.883 ug/l  
RT: 10.719 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

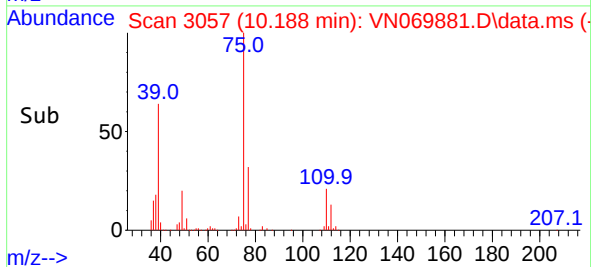
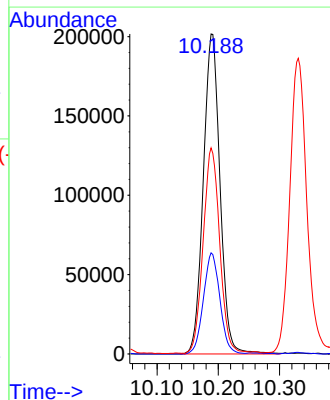
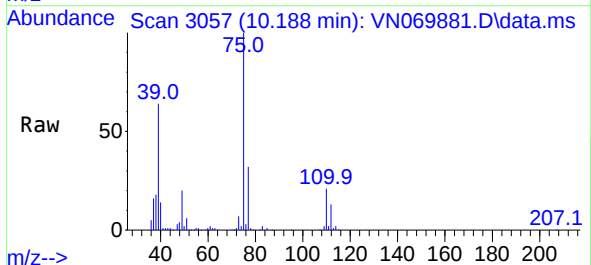
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

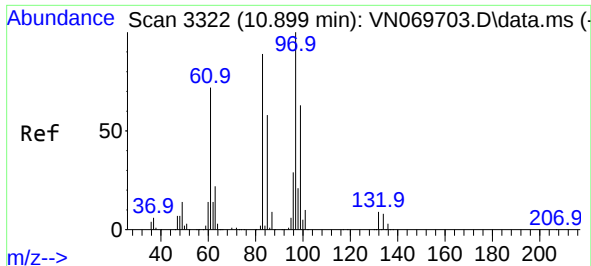
Tgt Ion: 75 Resp: 340845  
Ion Ratio Lower Upper  
75 100  
77 32.0 25.6 38.4



#54  
cis-1,3-Dichloropropene  
Concen: 18.419 ug/l  
RT: 10.188 min Scan# 3057  
Delta R.T. -0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Tgt Ion: 75 Resp: 382825  
Ion Ratio Lower Upper  
75 100  
77 31.6 26.4 39.6  
39 64.2 42.5 63.7#

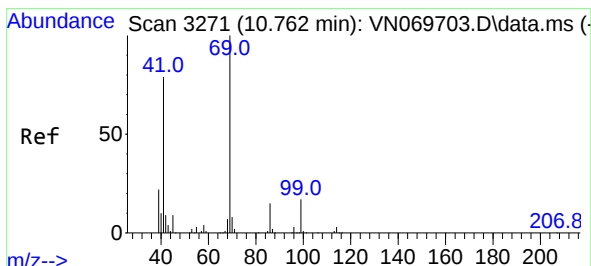
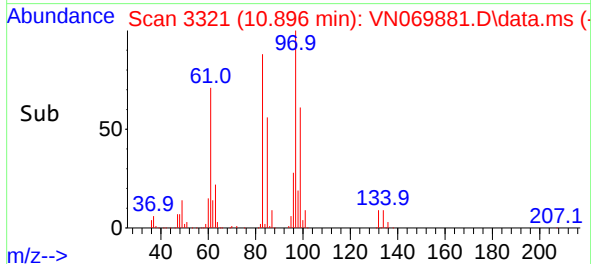
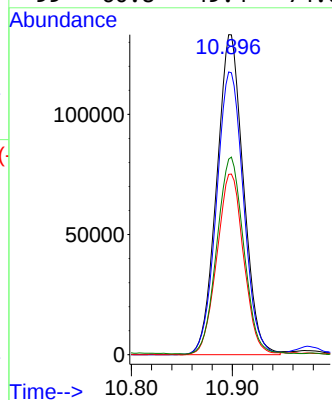
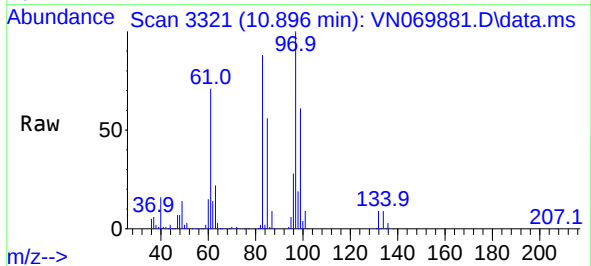




#55  
1,1,2-Trichloroethane  
Concen: 18.618 ug/l  
RT: 10.896 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

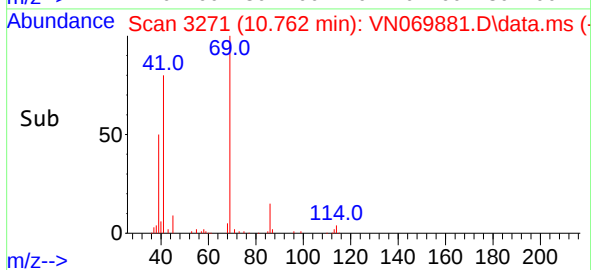
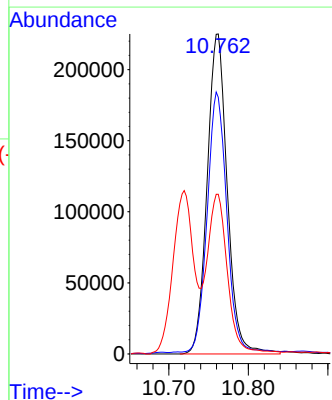
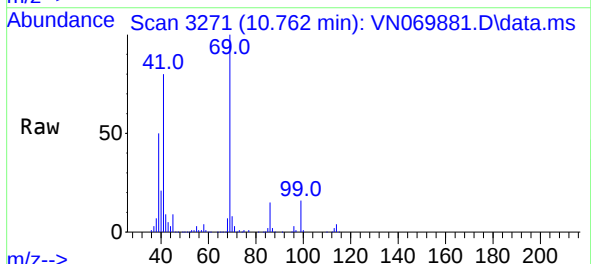
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

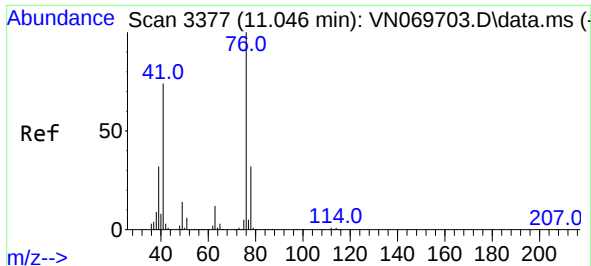
Tgt Ion: 97 Resp: 243841  
Ion Ratio Lower Upper  
97 100  
83 88.2 67.8 101.6  
85 56.4 45.4 68.2  
99 60.8 49.4 74.0



#56  
Ethyl methacrylate  
Concen: 17.601 ug/l  
RT: 10.762 min Scan# 3271  
Delta R.T. 0.000 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Tgt Ion: 69 Resp: 396726  
Ion Ratio Lower Upper  
69 100  
41 79.4 51.4 77.0#  
39 48.5 34.6 52.0





#57

1,3-Dichloropropane

Concen: 18.879 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN069881.D

Acq: 9 Dec 2021 00:32

Instrument :

MSVOA\_N

ClientSampleId :

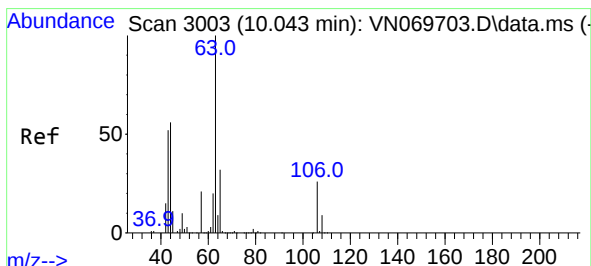
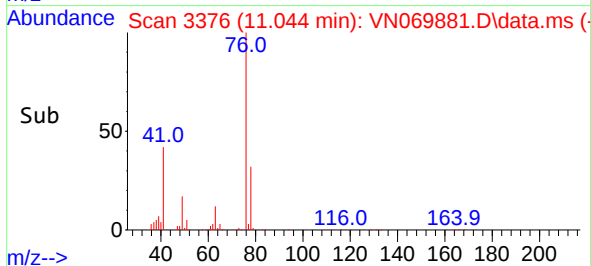
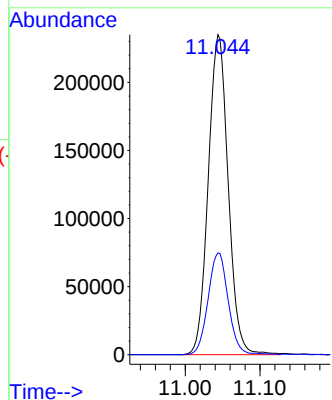
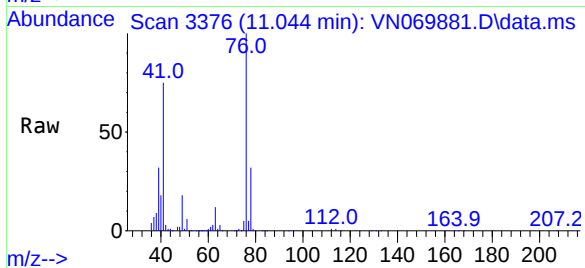
VN1208WBSD02

Tgt Ion: 76 Resp: 435382

Ion Ratio Lower Upper

76 100

78 32.2 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 76.948 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN069881.D

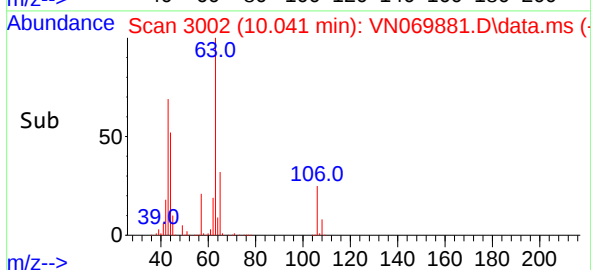
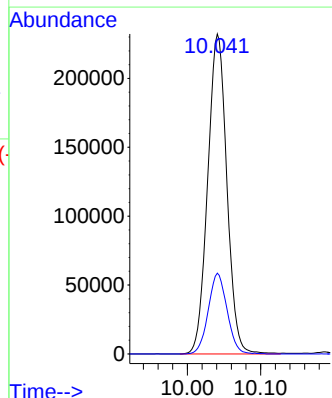
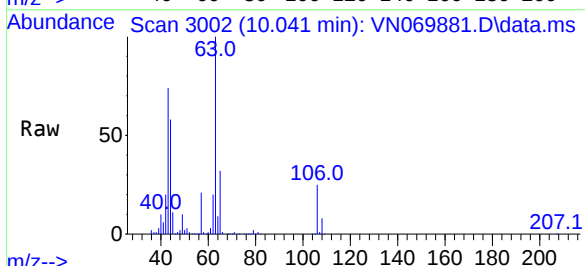
Acq: 9 Dec 2021 00:32

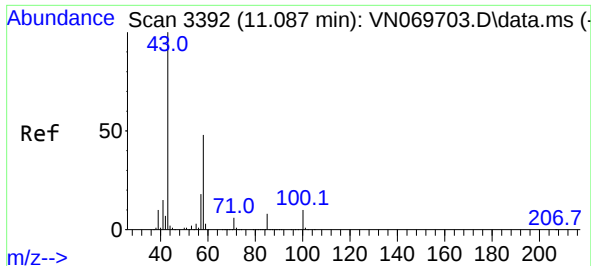
Tgt Ion: 63 Resp: 421820

Ion Ratio Lower Upper

63 100

106 24.7 23.9 35.9

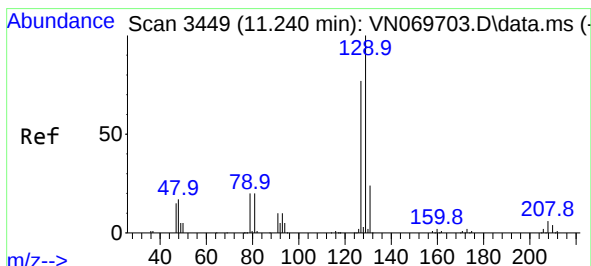
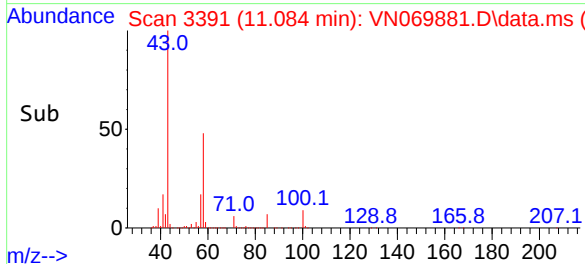
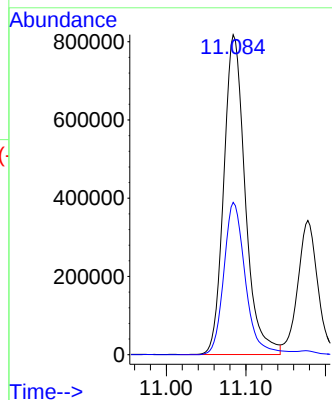
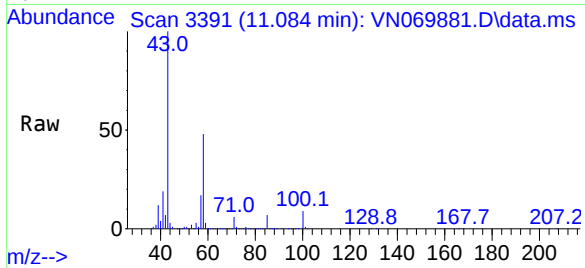




#59  
2-Hexanone  
Concen: 81.343 ug/l  
RT: 11.084 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

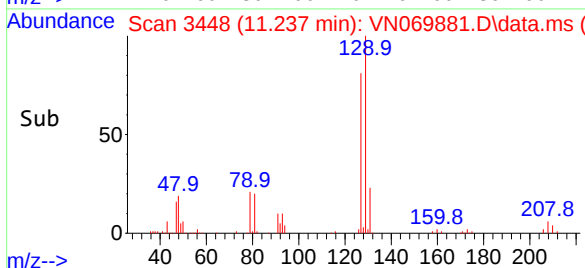
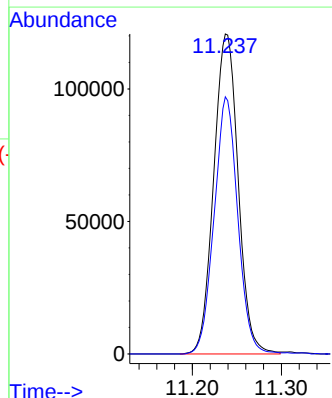
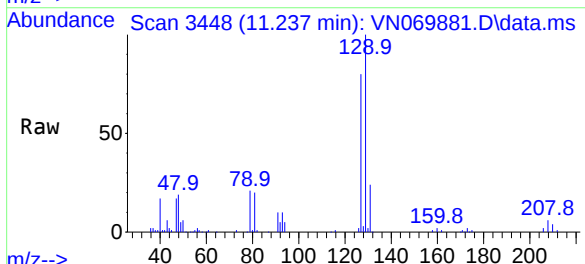
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

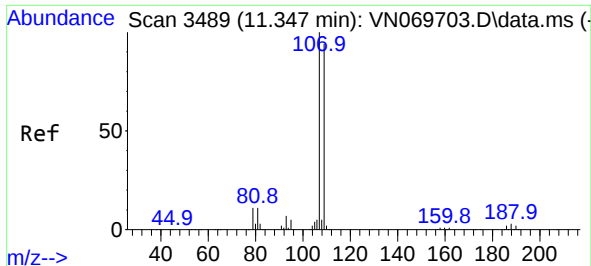
Tgt Ion: 43 Resp: 1529391  
Ion Ratio Lower Upper  
43 100  
58 48.0 26.9 80.7



#60  
Dibromochloromethane  
Concen: 18.035 ug/l  
RT: 11.237 min Scan# 3448  
Delta R.T. -0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Tgt Ion:129 Resp: 230710  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.6 116.0

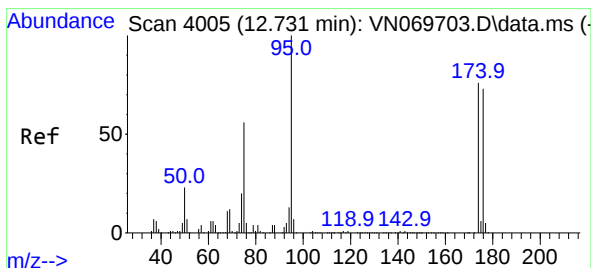
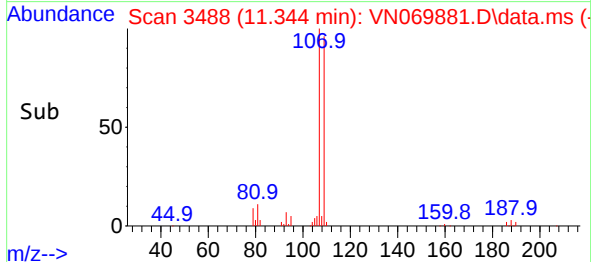
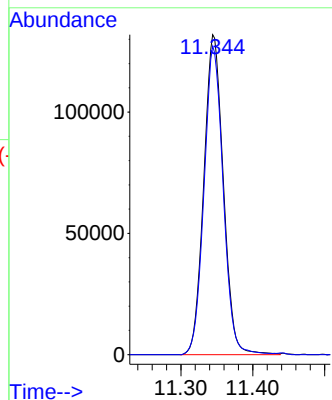
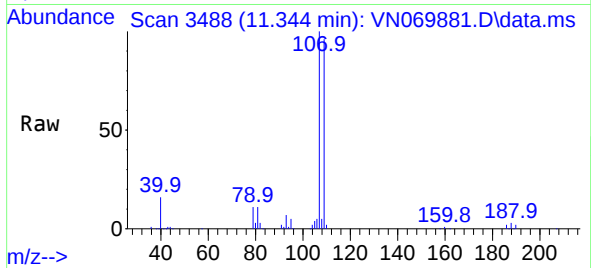




#61  
1,2-Dibromoethane  
Concen: 18.376 ug/l  
RT: 11.344 min Scan# 3489  
Delta R.T. -0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

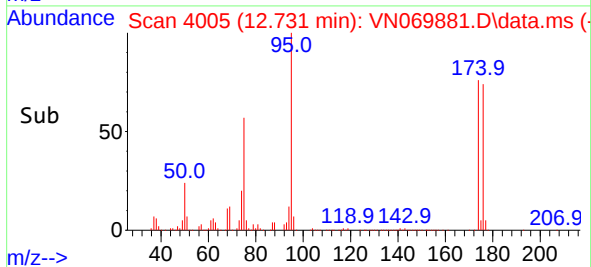
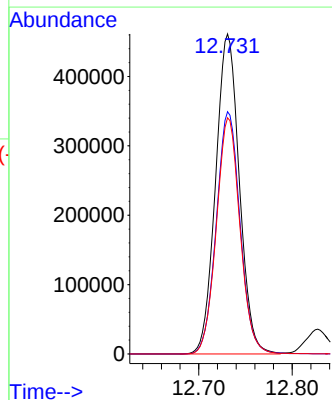
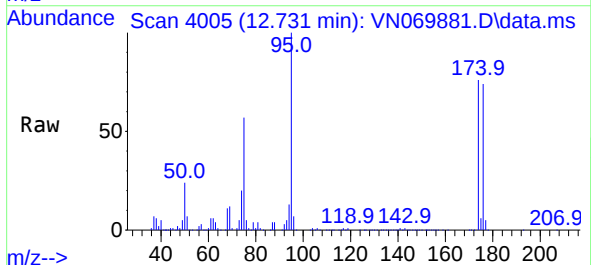
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

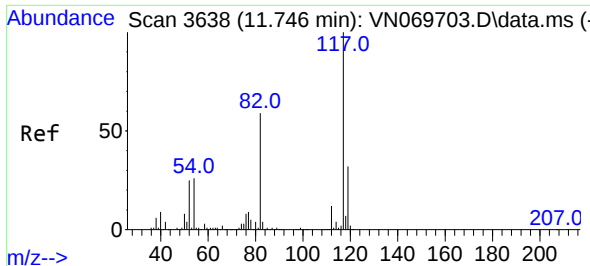
Tgt Ion:107 Resp: 249276  
Ion Ratio Lower Upper  
107 100  
109 94.5 75.7 113.5



#62  
4-Bromofluorobenzene  
Concen: 48.923 ug/l  
RT: 12.731 min Scan# 4005  
Delta R.T. -0.000 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

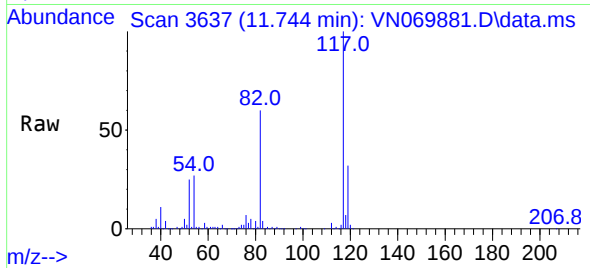
Tgt Ion: 95 Resp: 814538  
Ion Ratio Lower Upper  
95 100  
174 75.9 0.0 187.2  
176 73.5 0.0 181.4





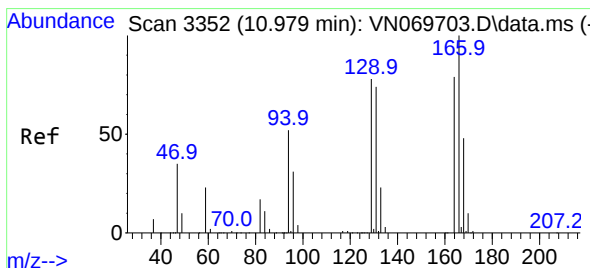
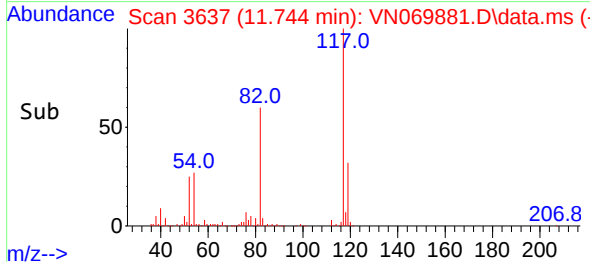
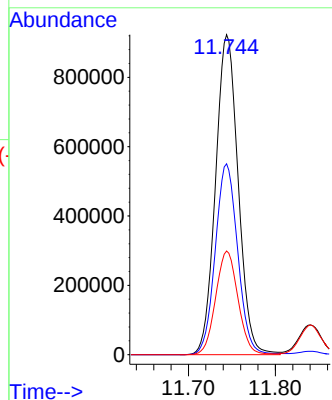
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.744 min Scan# 3638  
Delta R.T. -0.002 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02



Tgt Ion:117 Resp: 1670883

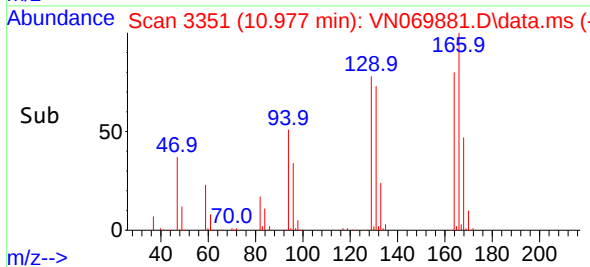
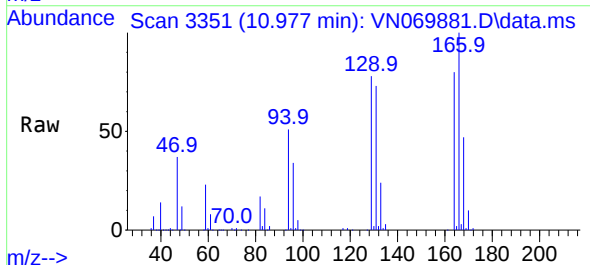
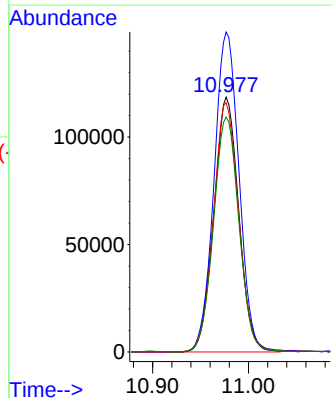
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 59.7  | 42.4  | 63.6  |
| 119 | 32.4  | 25.4  | 38.2  |

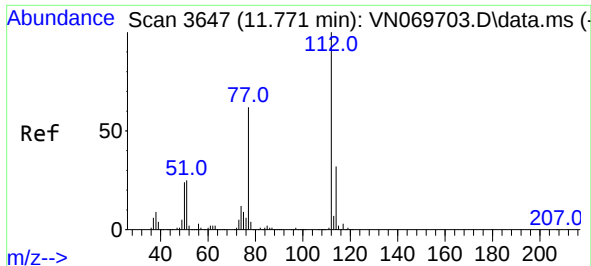


#64  
Tetrachloroethene  
Concen: 18.973 ug/l  
RT: 10.977 min Scan# 3351  
Delta R.T. -0.002 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Tgt Ion:164 Resp: 214954

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 125.6 | 101.9 | 152.9 |
| 129 | 97.8  | 72.0  | 108.0 |
| 131 | 92.2  | 70.9  | 106.3 |

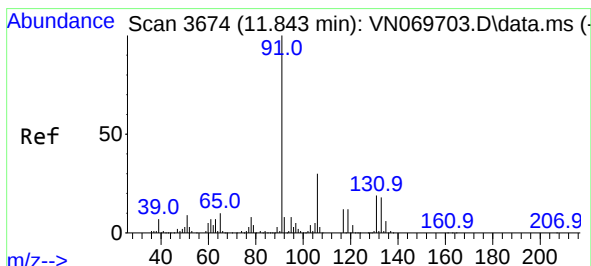
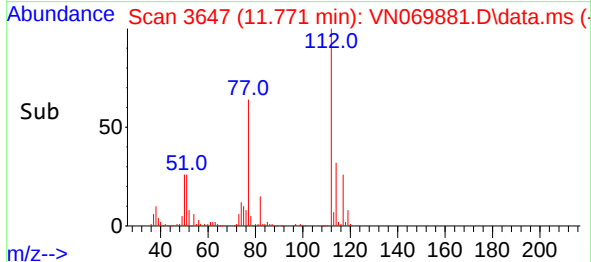
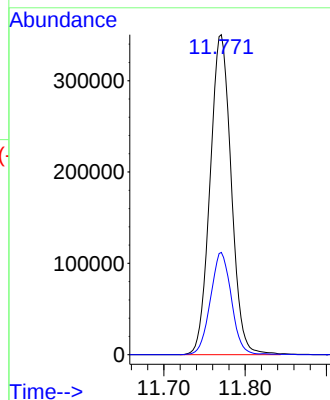
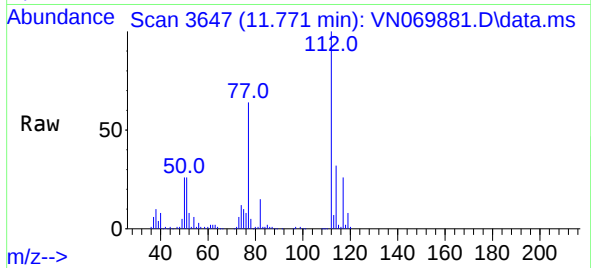




#65  
Chlorobenzene  
Concen: 18.701 ug/l  
RT: 11.771 min Scan# 3647  
Delta R.T. -0.000 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

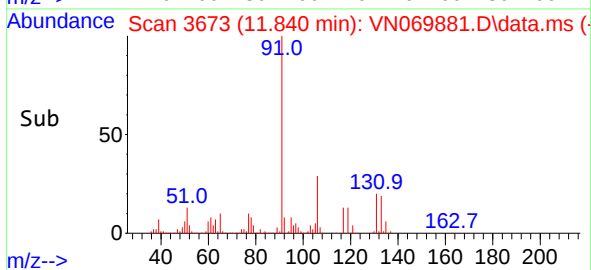
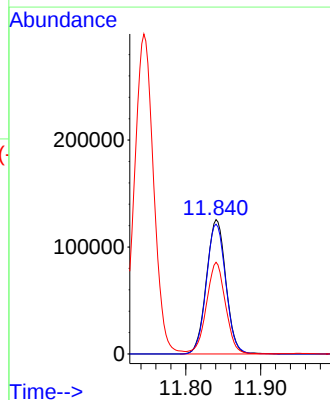
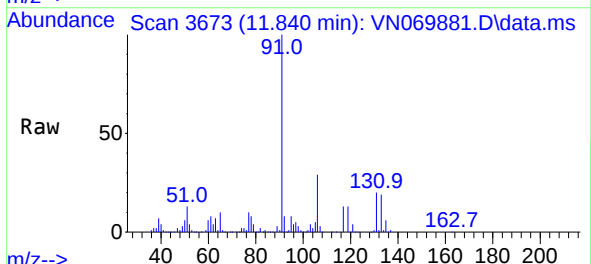
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

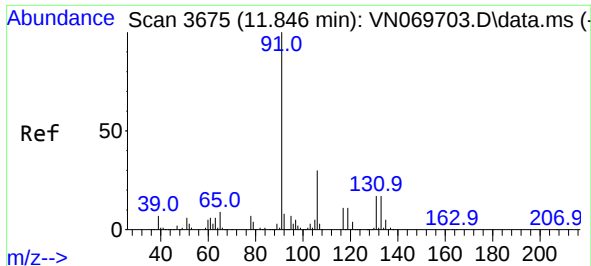
Tgt Ion:112 Resp: 633917  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.4 38.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.088 ug/l  
RT: 11.840 min Scan# 3673  
Delta R.T. -0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Tgt Ion:131 Resp: 227730  
Ion Ratio Lower Upper  
131 100  
133 96.5 47.9 143.7  
119 66.3 32.1 96.5





#67

Ethyl Benzene

Concen: 19.072 ug/l

RT: 11.843 min Scan# 3674

Delta R.T. -0.003 min

Lab File: VN069881.D

Acq: 9 Dec 2021 00:32

Instrument :

MSVOA\_N

ClientSampleId :

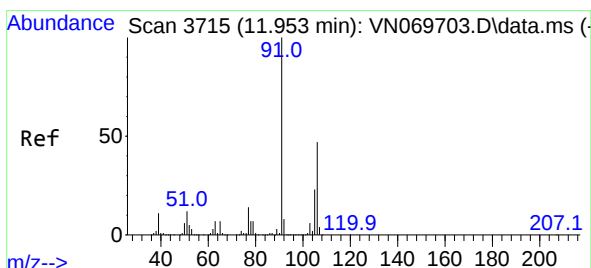
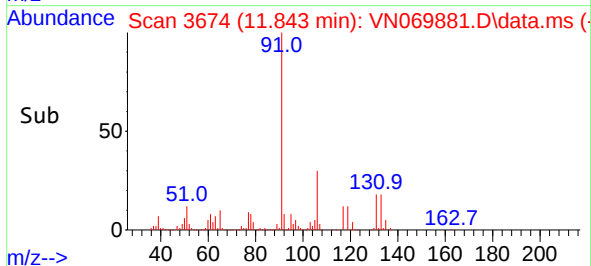
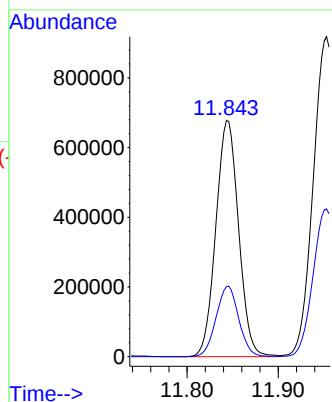
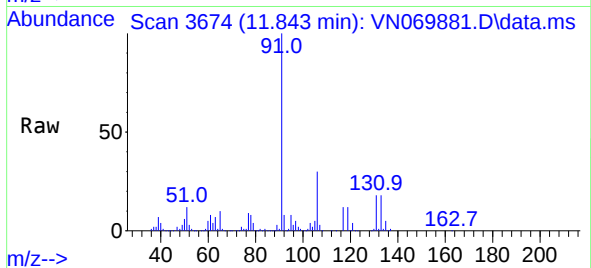
VN1208WBSD02

Tgt Ion: 91 Resp: 1174328

Ion Ratio Lower Upper

91 100

106 29.6 25.7 38.5



#68

m/p-Xylenes

Concen: 37.592 ug/l

RT: 11.953 min Scan# 3715

Delta R.T. 0.000 min

Lab File: VN069881.D

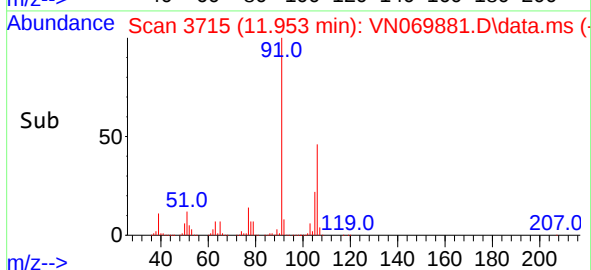
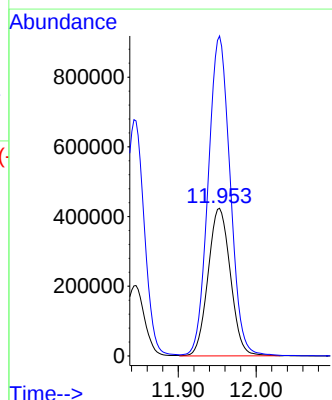
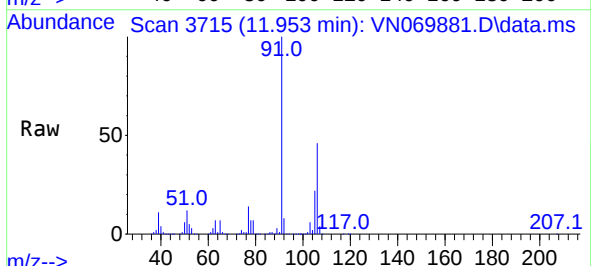
Acq: 9 Dec 2021 00:32

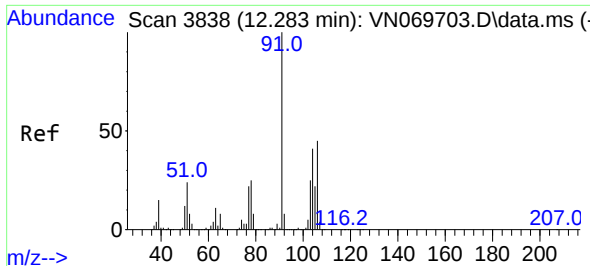
Tgt Ion:106 Resp: 842791

Ion Ratio Lower Upper

106 100

91 213.3 160.6 240.8

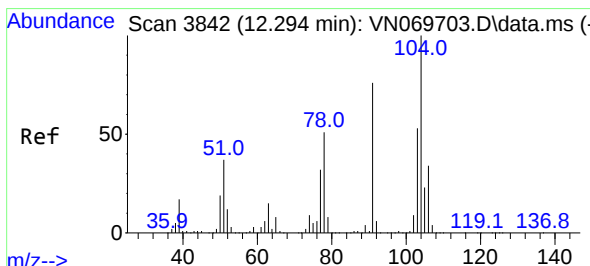
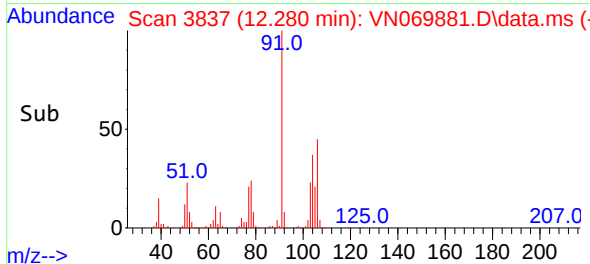
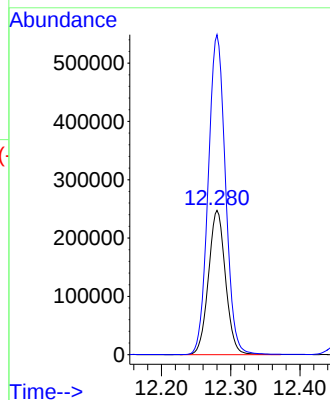
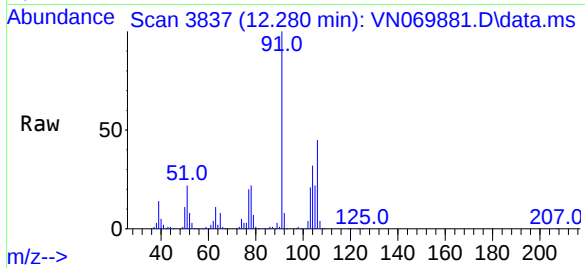




#69  
o-Xylene  
Concen: 18.747 ug/l  
RT: 12.280 min Scan# 3837  
Delta R.T. -0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

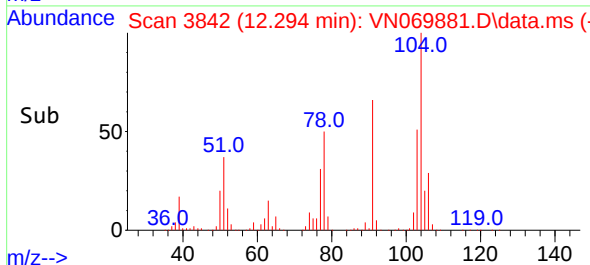
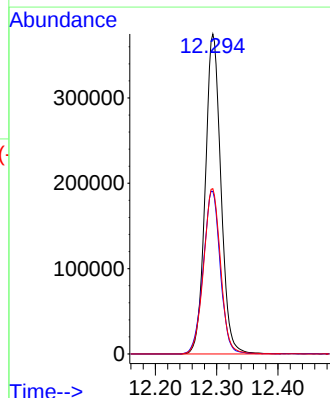
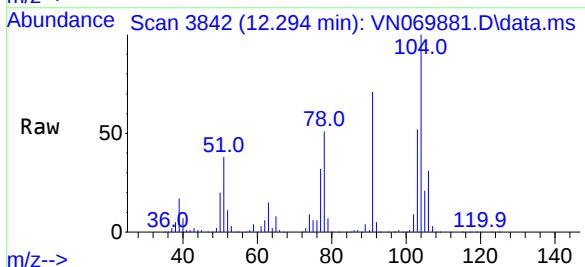
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

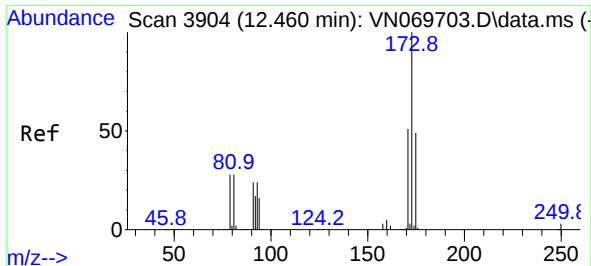
Tgt Ion:106 Resp: 423352  
Ion Ratio Lower Upper  
106 100  
91 224.4 105.8 317.3



#70  
Styrene  
Concen: 18.610 ug/l  
RT: 12.294 min Scan# 3842  
Delta R.T. -0.000 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Tgt Ion:104 Resp: 666391  
Ion Ratio Lower Upper  
104 100  
78 55.2 38.7 58.1  
103 55.9 45.0 67.6

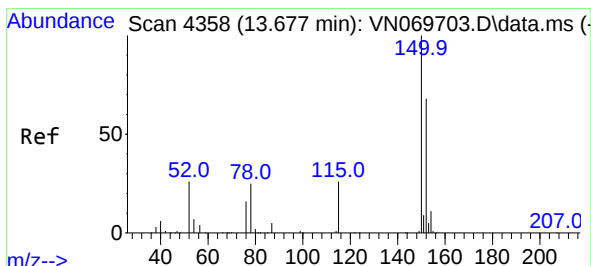
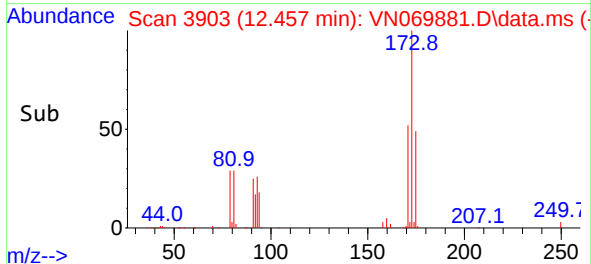
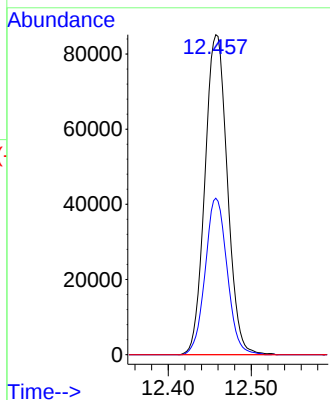
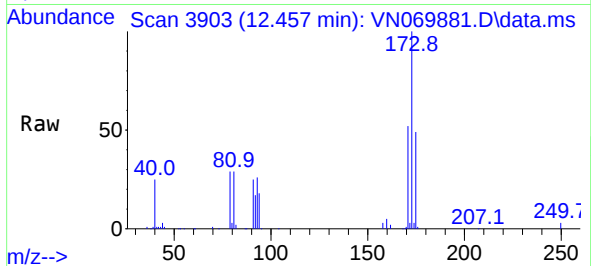




#71  
Bromoform  
Concen: 17.524 ug/l  
RT: 12.457 min Scan# 3904  
Delta R.T. -0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

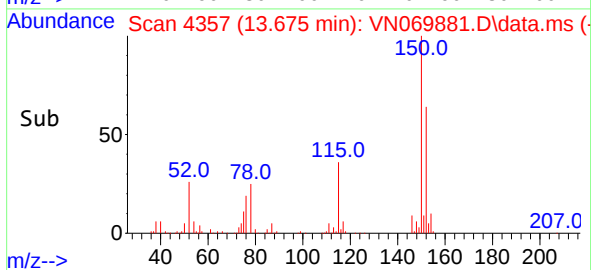
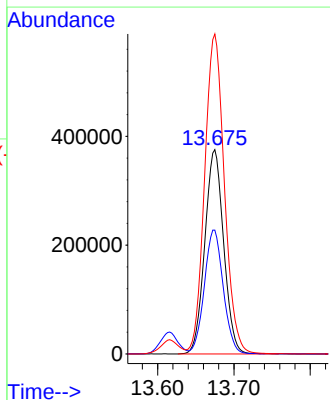
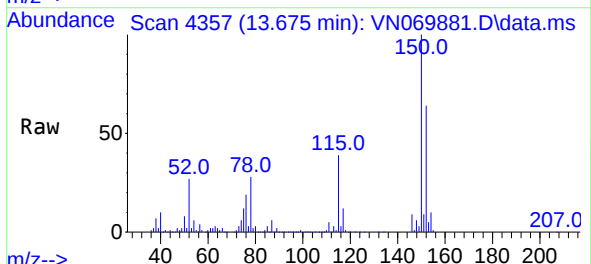
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

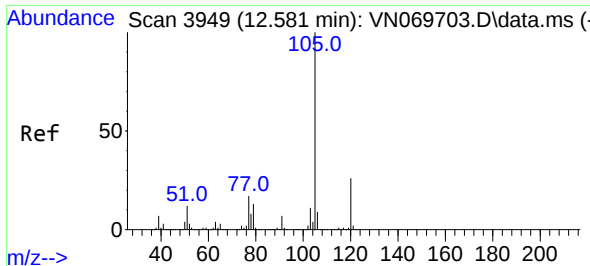
Tgt Ion:173 Resp: 159676  
Ion Ratio Lower Upper  
173 100  
175 47.9 24.2 72.6  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.675 min Scan# 4357  
Delta R.T. -0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Tgt Ion:152 Resp: 646027  
Ion Ratio Lower Upper  
152 100  
115 60.7 27.5 82.5  
150 164.0 0.0 344.4

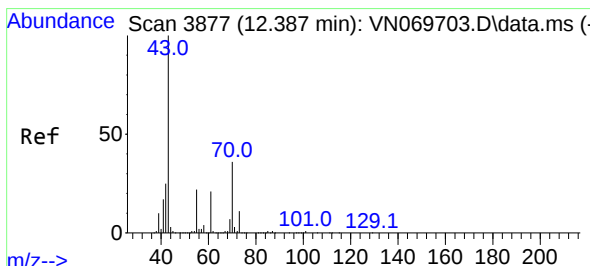
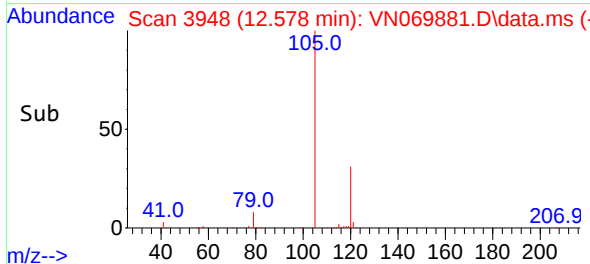
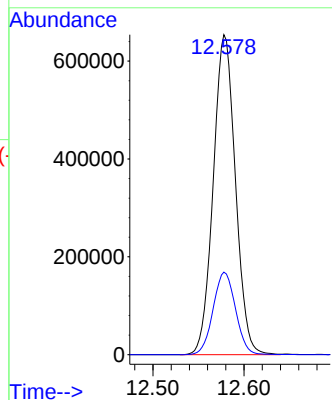
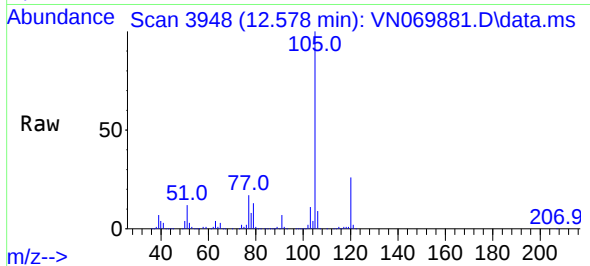




#73  
Isopropylbenzene  
Concen: 19.214 ug/l  
RT: 12.578 min Scan# 3948  
Delta R.T. -0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

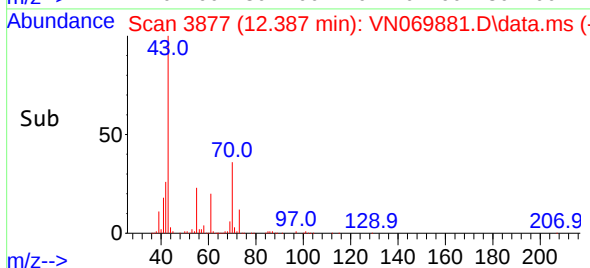
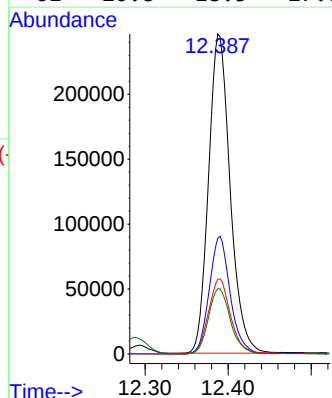
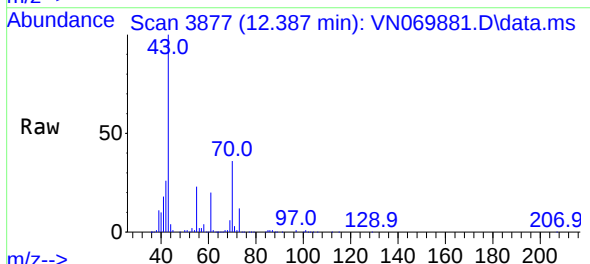
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

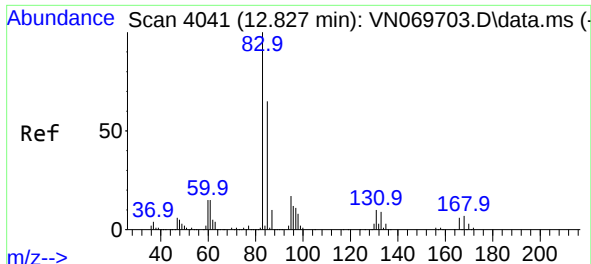
Tgt Ion:105 Resp: 1104409  
Ion Ratio Lower Upper  
105 100  
120 26.1 13.4 40.1



#74  
N-ethyl acetate  
Concen: 17.453 ug/l  
RT: 12.387 min Scan# 3877  
Delta R.T. 0.000 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Tgt Ion: 43 Resp: 443635  
Ion Ratio Lower Upper  
43 100  
70 35.8 33.4 50.0  
55 24.1 19.3 28.9  
61 20.8 18.5 27.7

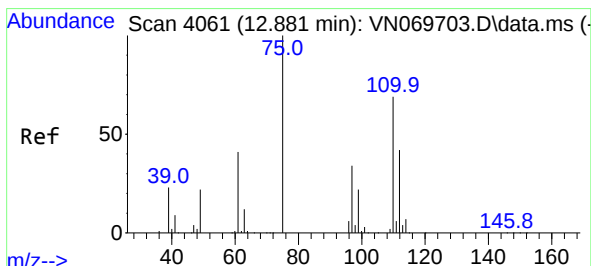
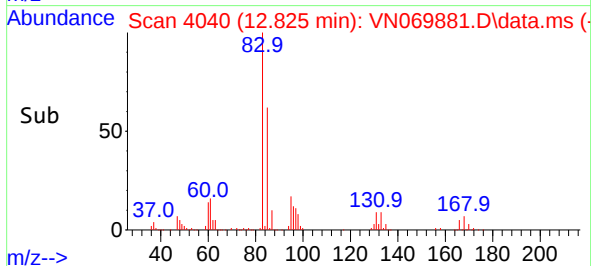
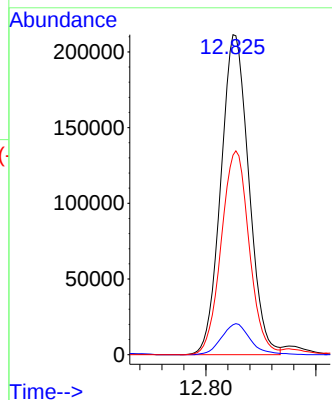
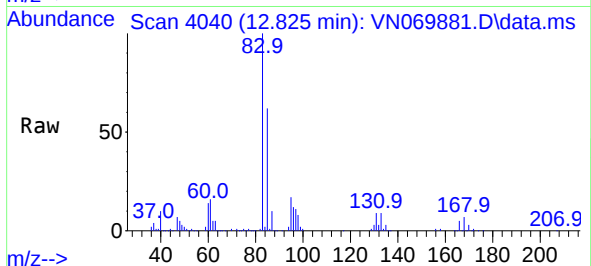




#75  
1,1,2,2-Tetrachloroethane  
Concen: 18.794 ug/l  
RT: 12.825 min Scan# 4041  
Delta R.T. -0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

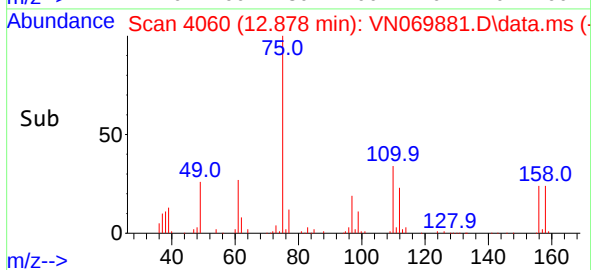
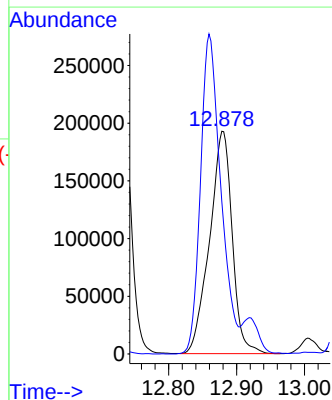
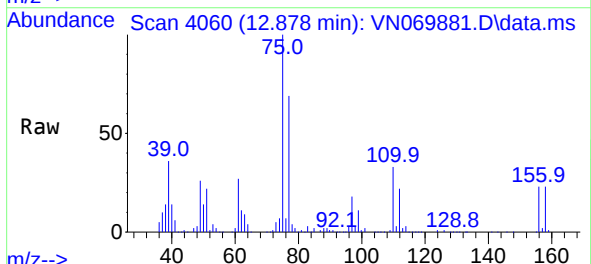
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

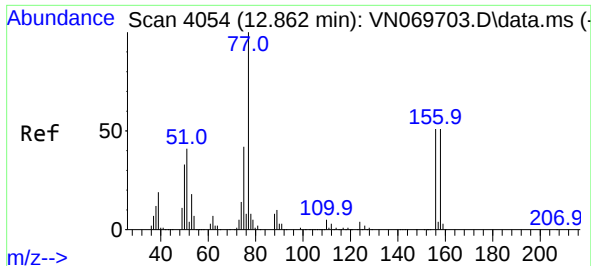
Tgt Ion: 83 Resp: 373551  
Ion Ratio Lower Upper  
83 100  
131 10.0 5.5 16.5  
85 63.7 32.4 97.2



#76  
1,2,3-Trichloropropane  
Concen: 24.076 ug/l  
RT: 12.878 min Scan# 4060  
Delta R.T. -0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Tgt Ion: 75 Resp: 446039  
Ion Ratio Lower Upper  
75 100  
77 129.7 82.6 247.8

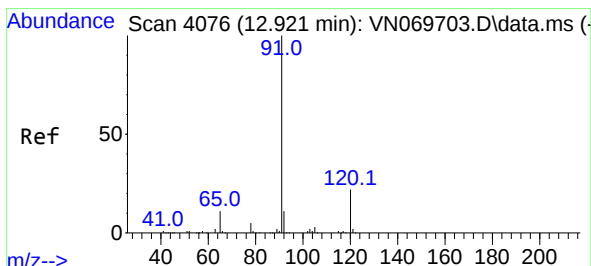
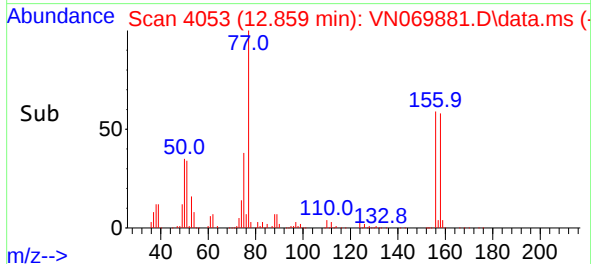
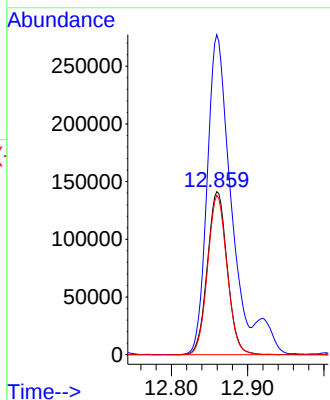
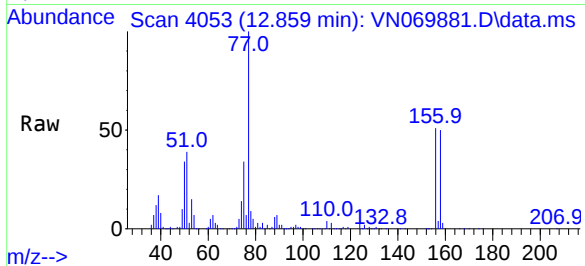




#77  
Bromobenzene  
Concen: 18.933 ug/l  
RT: 12.859 min Scan# 4053  
Delta R.T. -0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

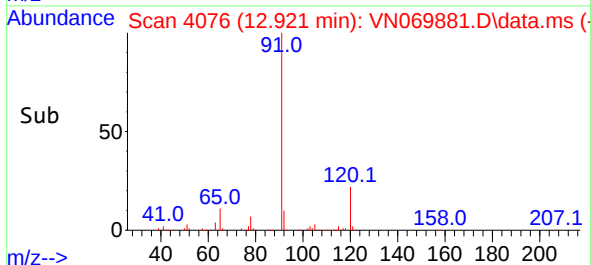
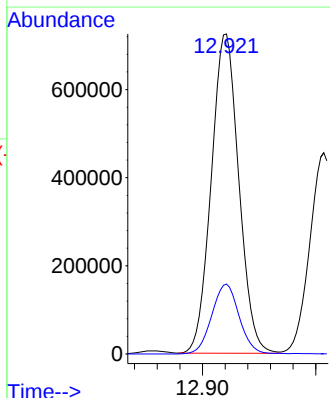
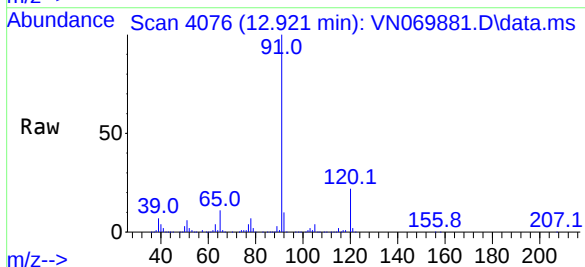
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

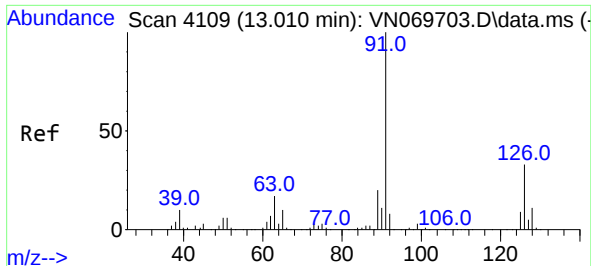
Tgt Ion:156 Resp: 255617  
Ion Ratio Lower Upper  
156 100  
77 226.3 90.6 271.8  
158 95.8 48.9 146.7



#78  
n-propylbenzene  
Concen: 19.131 ug/l  
RT: 12.921 min Scan# 4076  
Delta R.T. 0.000 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Tgt Ion: 91 Resp: 1223638  
Ion Ratio Lower Upper  
91 100  
120 21.8 11.9 35.9

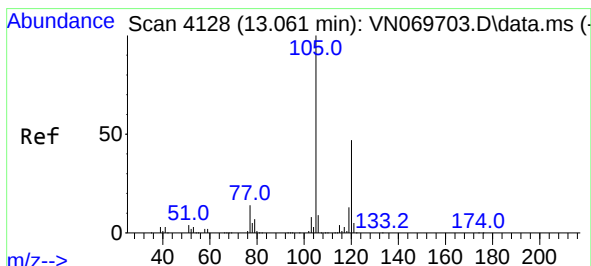
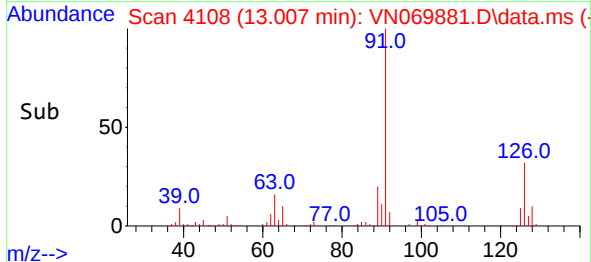
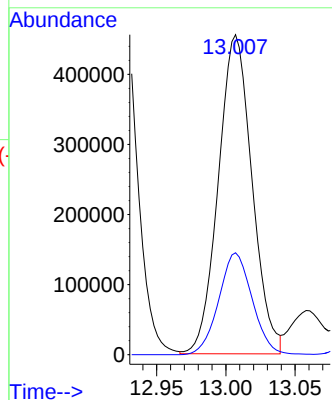
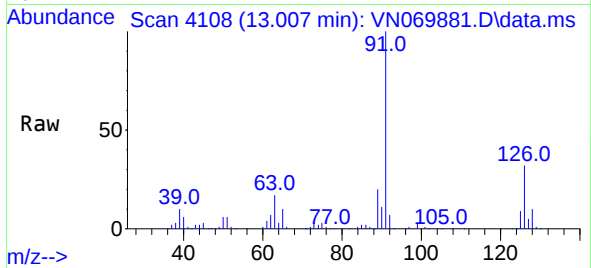




#79  
2-Chlorotoluene  
Concen: 19.093 ug/l  
RT: 13.007 min Scan# 4108  
Delta R.T. -0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

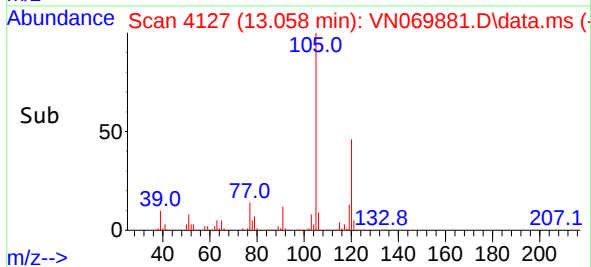
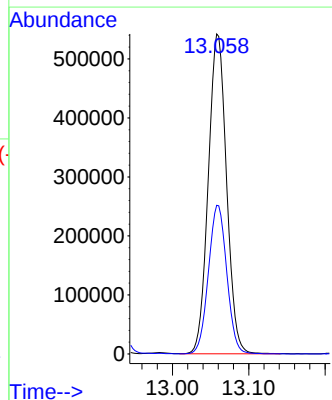
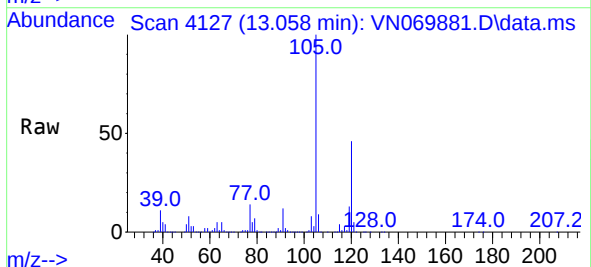
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

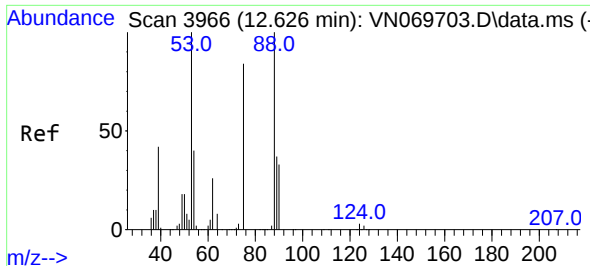
Tgt Ion: 91 Resp: 771649  
Ion Ratio Lower Upper  
91 100  
126 31.8 18.3 54.8



#80  
1,3,5-Trimethylbenzene  
Concen: 19.448 ug/l  
RT: 13.058 min Scan# 4127  
Delta R.T. -0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Tgt Ion:105 Resp: 899749  
Ion Ratio Lower Upper  
105 100  
120 46.6 24.6 73.6

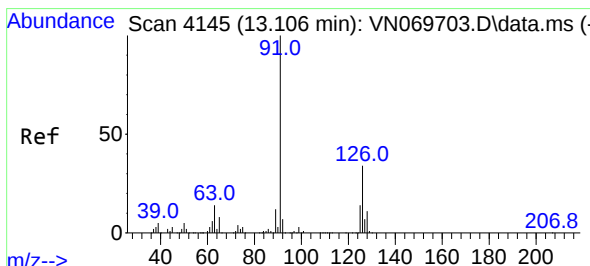
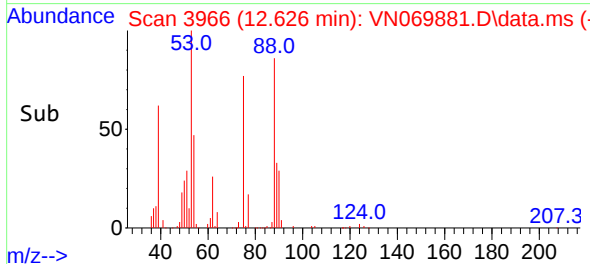
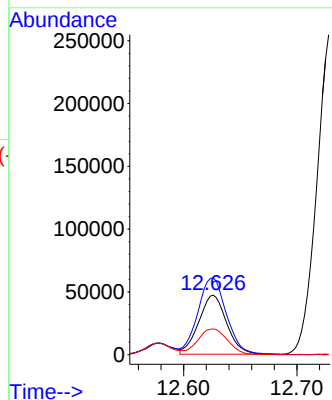
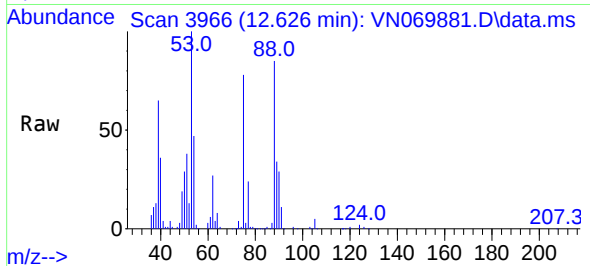




#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.102 ug/l  
RT: 12.626 min Scan# 3966  
Delta R.T. 0.000 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

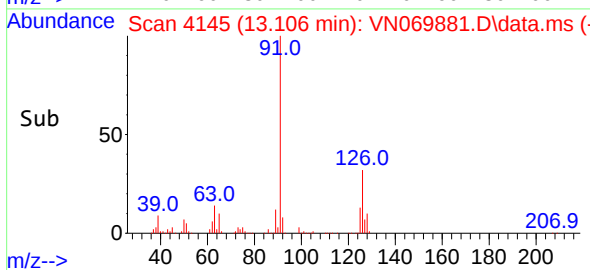
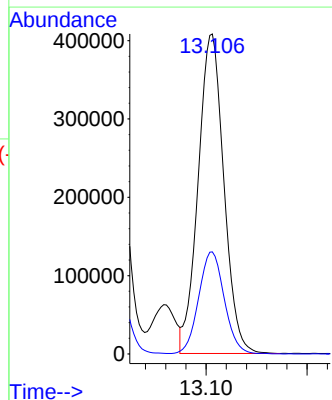
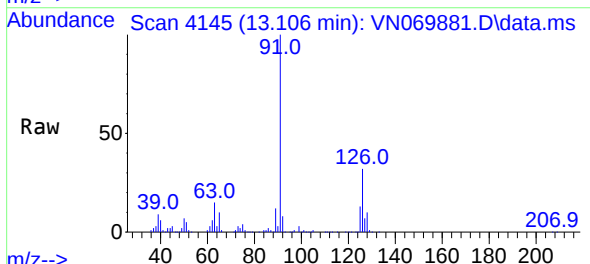
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

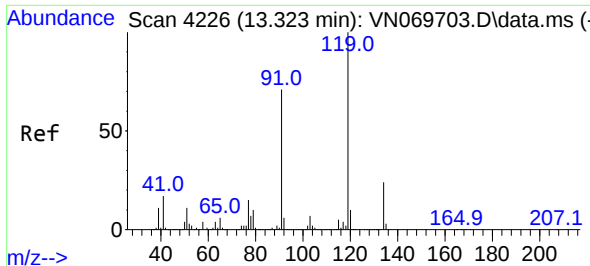
Tgt Ion: 75 Resp: 80347  
Ion Ratio Lower Upper  
75 100  
53 134.2 90.5 135.7  
89 45.0 38.2 57.4



#82  
4-Chlorotoluene  
Concen: 18.939 ug/l  
RT: 13.106 min Scan# 4145  
Delta R.T. 0.000 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Tgt Ion: 91 Resp: 719813  
Ion Ratio Lower Upper  
91 100  
126 32.1 18.2 54.6

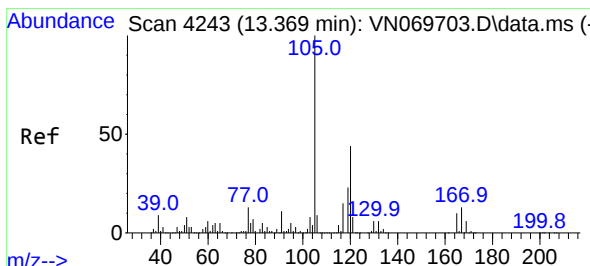
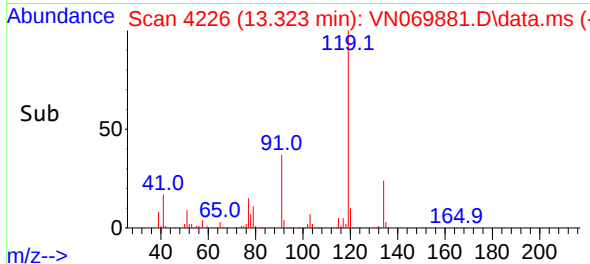
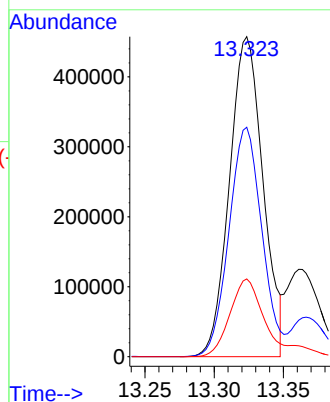
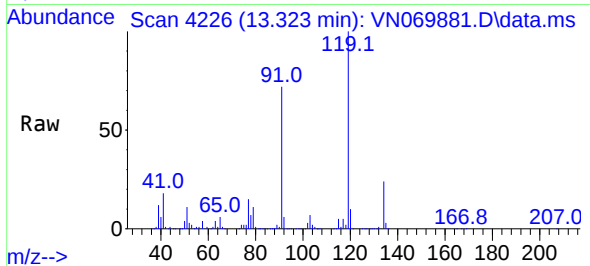




#83  
tert-Butylbenzene  
Concen: 18.842 ug/l  
RT: 13.323 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

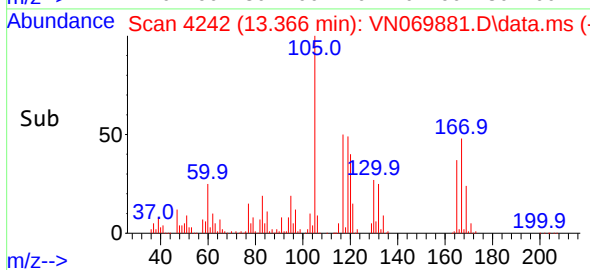
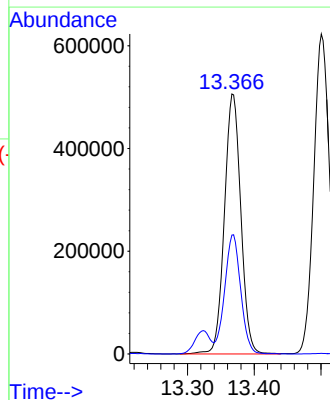
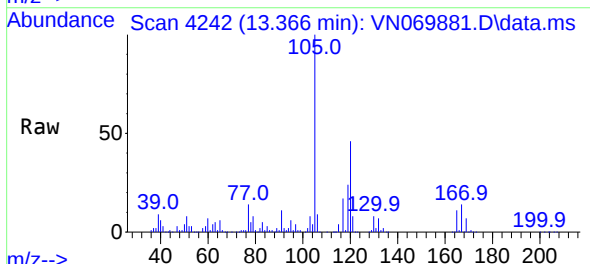
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

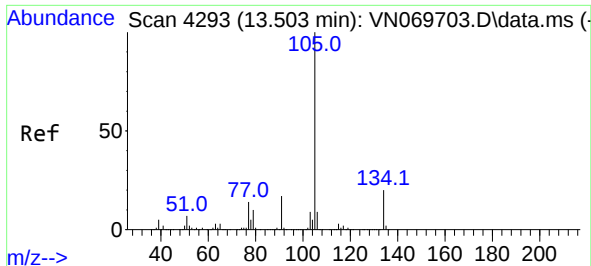
Tgt Ion:119 Resp: 771868  
Ion Ratio Lower Upper  
119 100  
91 70.4 31.5 94.5  
134 26.6 12.4 37.4



#84  
1,2,4-Trimethylbenzene  
Concen: 19.651 ug/l  
RT: 13.366 min Scan# 4242  
Delta R.T. -0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Tgt Ion:105 Resp: 865810  
Ion Ratio Lower Upper  
105 100  
120 44.5 22.8 68.4

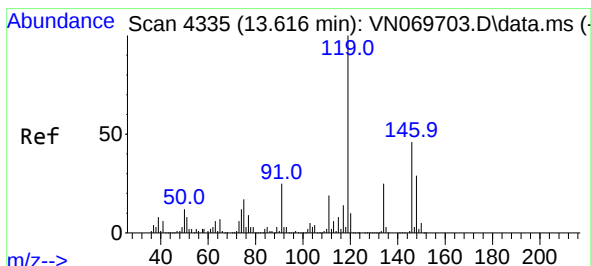
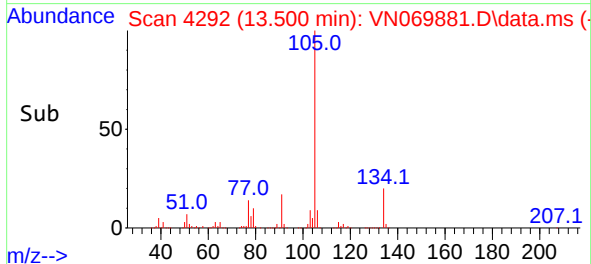
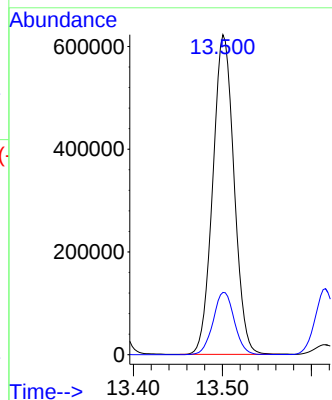
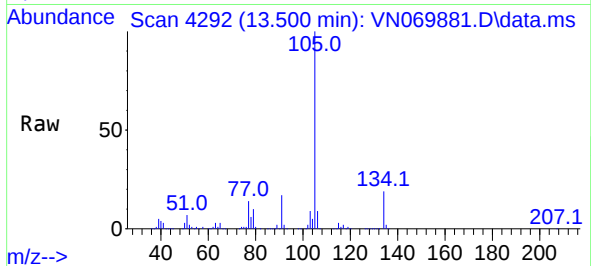




#85  
 sec-Butylbenzene  
 Concen: 18.538 ug/l  
 RT: 13.500 min Scan# 4292  
 Delta R.T. -0.003 min  
 Lab File: VN069881.D  
 Acq: 9 Dec 2021 00:32

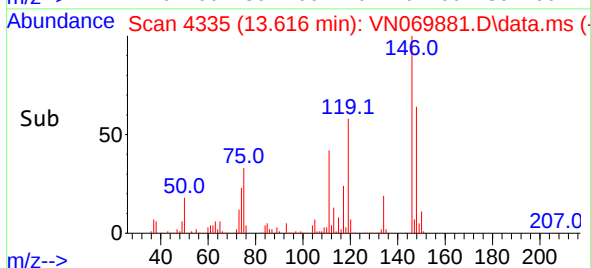
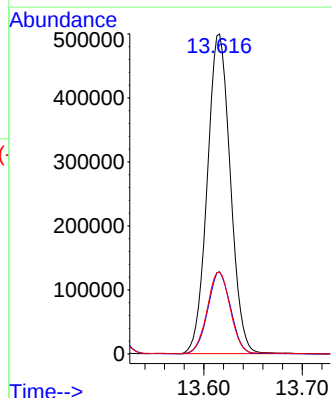
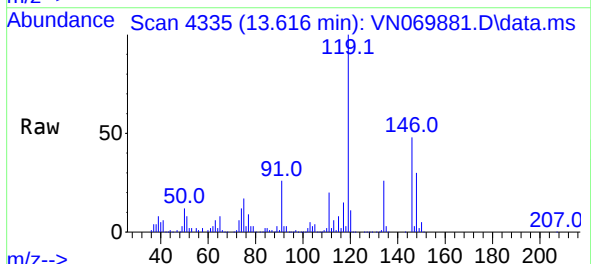
Instrument :  
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 ClientSampleId :  
 VN1208WBSD02

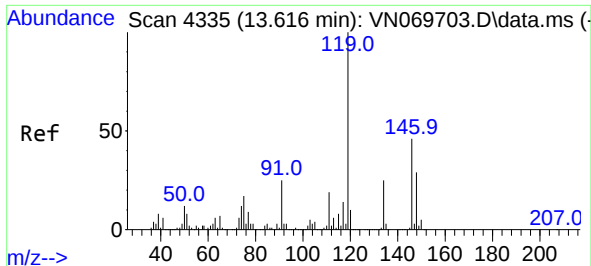
Tgt Ion:105 Resp: 1030082  
 Ion Ratio Lower Upper  
 105 100  
 134 19.5 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 18.719 ug/l  
 RT: 13.616 min Scan# 4335  
 Delta R.T. 0.000 min  
 Lab File: VN069881.D  
 Acq: 9 Dec 2021 00:32

Tgt Ion:119 Resp: 813023  
 Ion Ratio Lower Upper  
 119 100  
 134 25.2 13.6 40.7  
 91 25.6 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 18.411 ug/l

RT: 13.616 min Scan# 4335

Delta R.T. 0.000 min

Lab File: VN069881.D

Acq: 9 Dec 2021 00:32

Instrument :

MSVOA\_N

ClientSampleId :

VN1208WBSD02

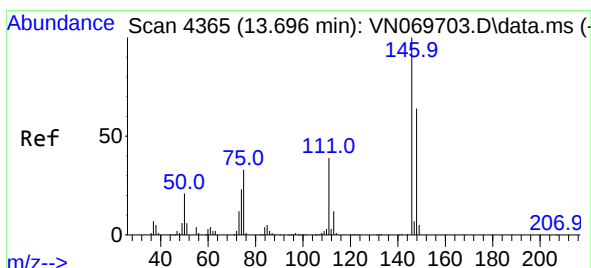
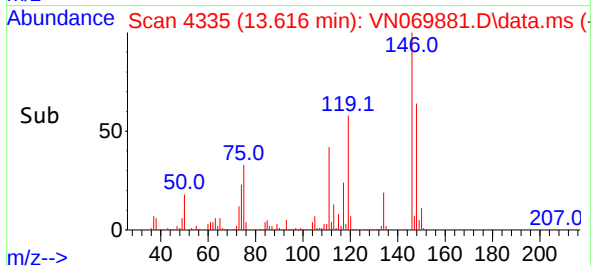
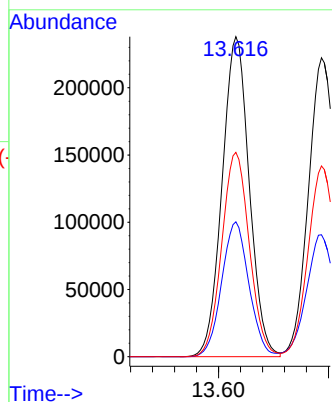
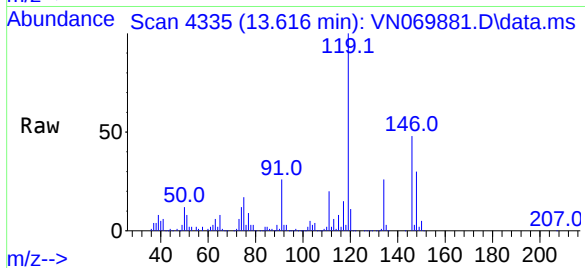
Tgt Ion:146 Resp: 408361

Ion Ratio Lower Upper

146 100

111 42.4 18.6 55.6

148 65.0 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 17.919 ug/l

RT: 13.694 min Scan# 4364

Delta R.T. -0.003 min

Lab File: VN069881.D

Acq: 9 Dec 2021 00:32

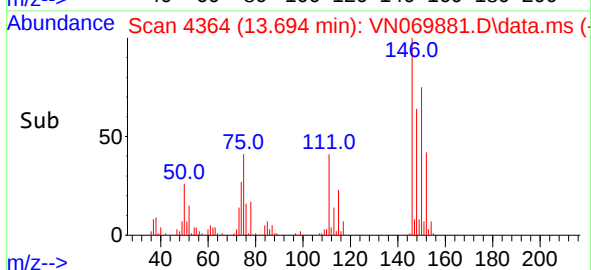
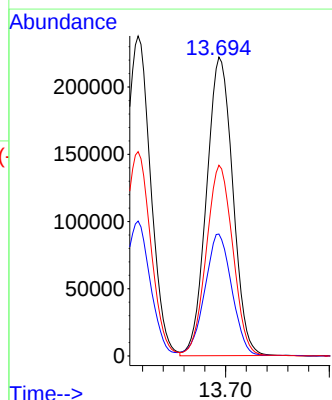
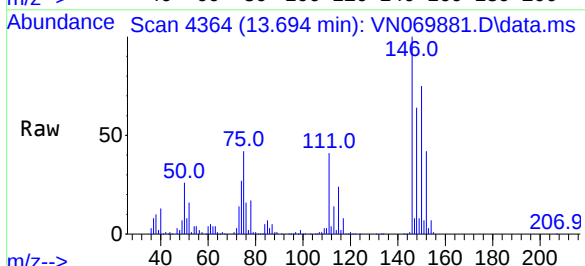
Tgt Ion:146 Resp: 390573

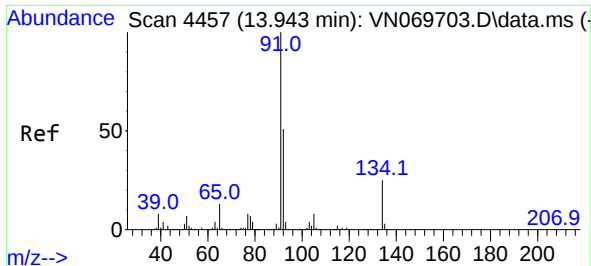
Ion Ratio Lower Upper

146 100

111 41.9 18.3 54.8

148 64.4 31.8 95.4

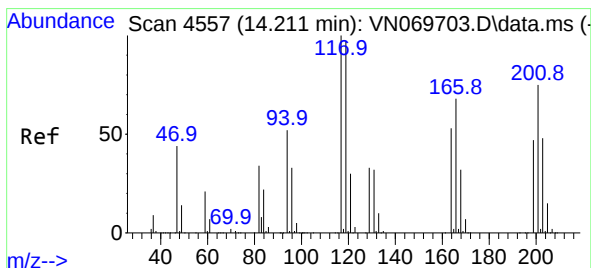
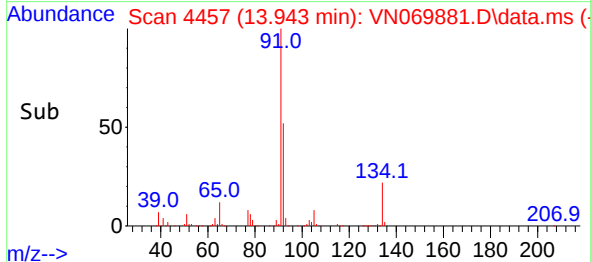
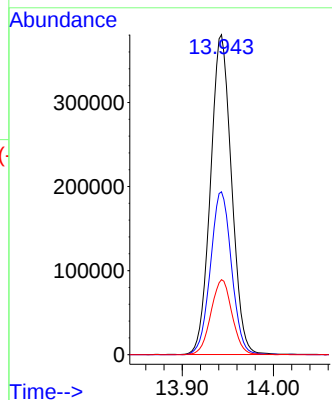
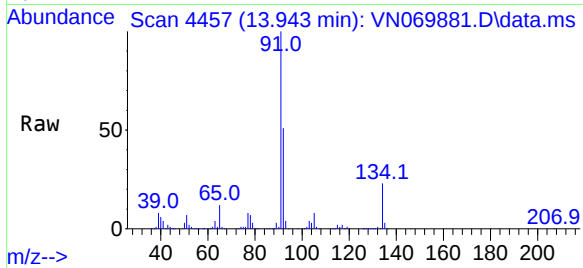




#89  
n-Butylbenzene  
Concen: 17.303 ug/l  
RT: 13.943 min Scan# 4457  
Delta R.T. 0.000 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

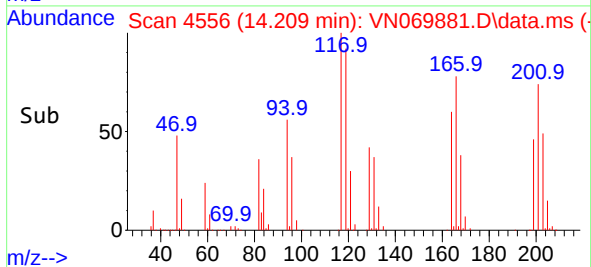
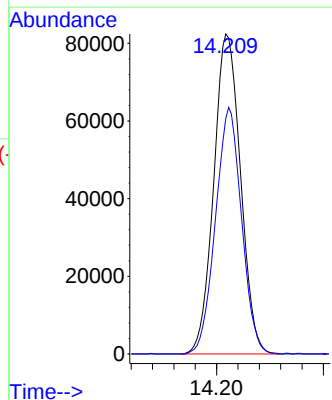
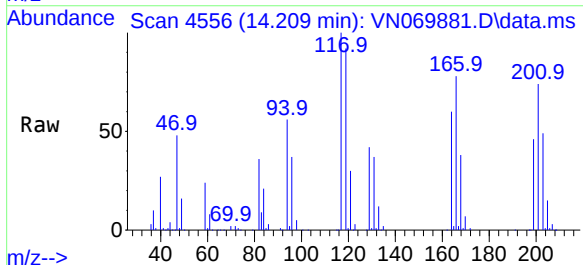
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

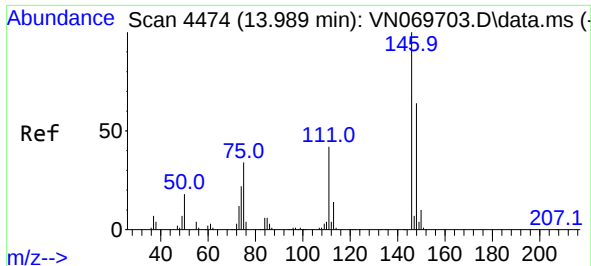
Tgt Ion: 91 Resp: 609631  
Ion Ratio Lower Upper  
91 100  
92 51.2 25.4 76.0  
134 23.6 13.6 40.8



#90  
Hexachloroethane  
Concen: 18.796 ug/l  
RT: 14.209 min Scan# 4556  
Delta R.T. -0.003 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

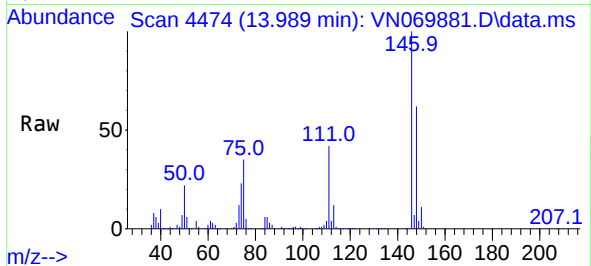
Tgt Ion: 117 Resp: 143328  
Ion Ratio Lower Upper  
117 100  
201 75.1 43.9 131.6



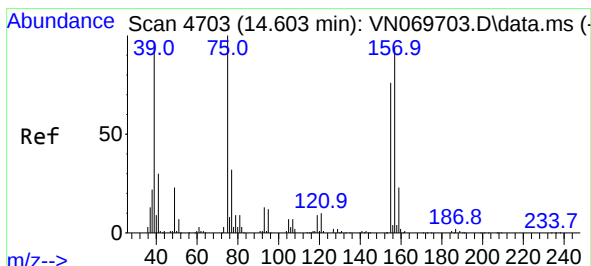
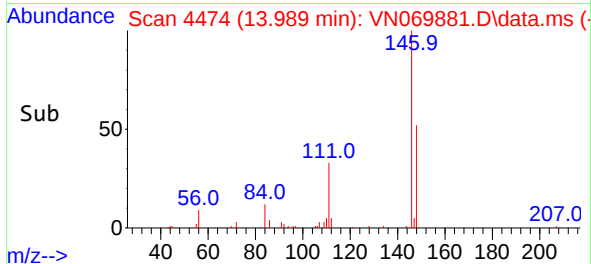
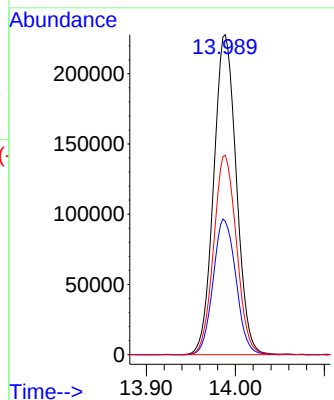


#91  
1,2-Dichlorobenzene  
Concen: 18.664 ug/l  
RT: 13.989 min Scan# 4474  
Delta R.T. 0.000 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

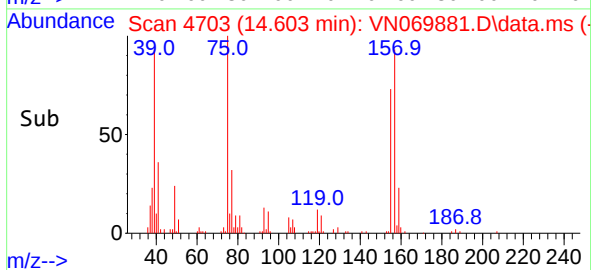
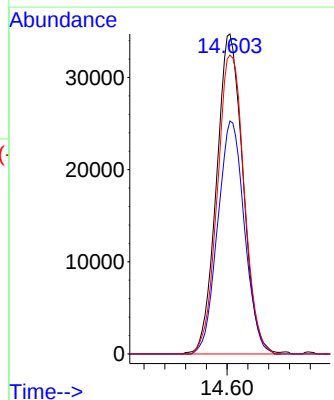
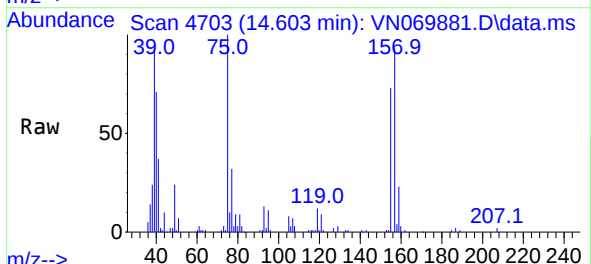


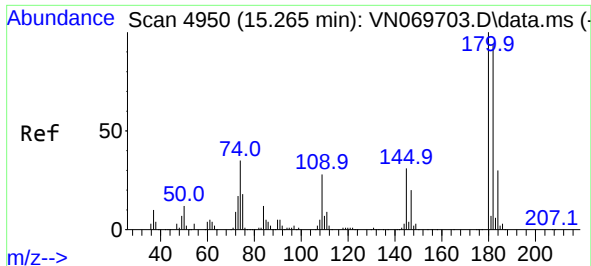
Tgt Ion:146 Resp: 403343  
Ion Ratio Lower Upper  
146 100  
111 42.6 19.1 57.3  
148 62.9 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 17.107 ug/l  
RT: 14.603 min Scan# 4703  
Delta R.T. 0.000 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Tgt Ion: 75 Resp: 61440  
Ion Ratio Lower Upper  
75 100  
155 73.5 46.9 140.7  
157 94.7 60.6 181.7

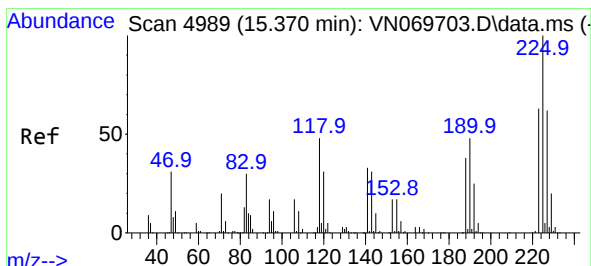
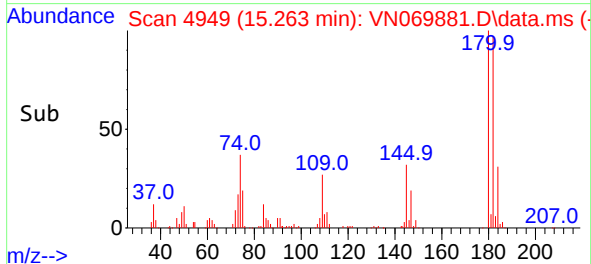
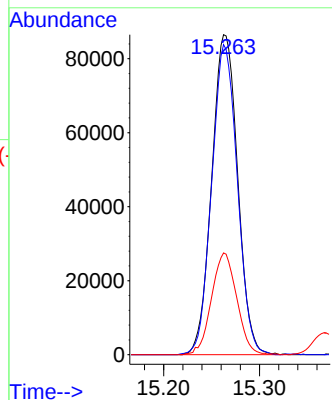
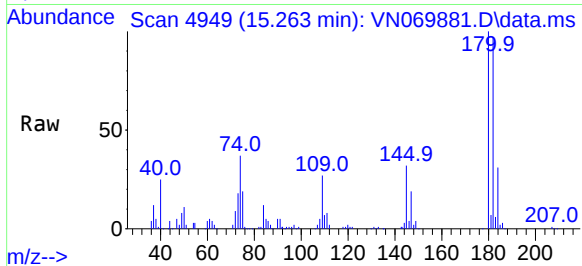




#93  
1,2,4-Trichlorobenzene  
Concen: 17.316 ug/l  
RT: 15.263 min Scan# 4949  
Delta R.T. -0.002 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

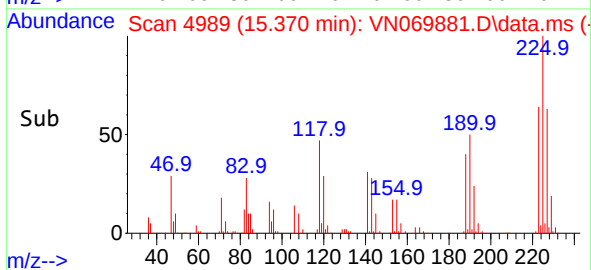
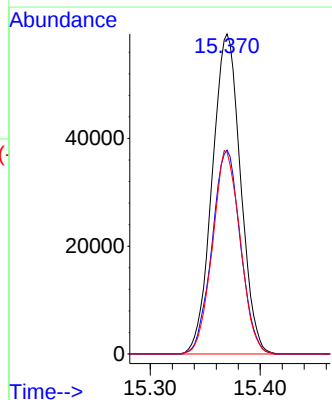
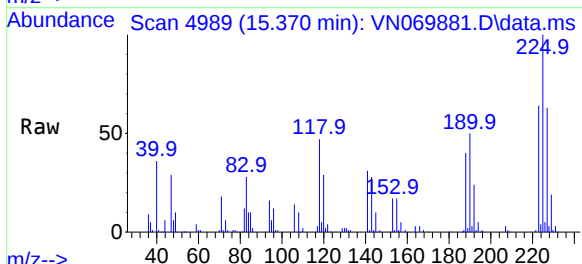
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

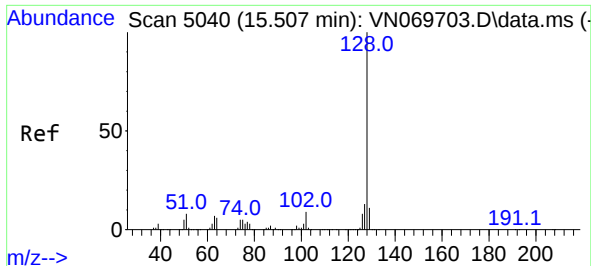
Tgt Ion:180 Resp: 162384  
Ion Ratio Lower Upper  
180 100  
182 95.7 48.3 144.9  
145 31.0 14.5 43.5



#94  
Hexachlorobutadiene  
Concen: 18.556 ug/l  
RT: 15.370 min Scan# 4989  
Delta R.T. 0.000 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Tgt Ion:225 Resp: 106274  
Ion Ratio Lower Upper  
225 100  
223 63.8 31.9 95.7  
227 62.2 32.1 96.3

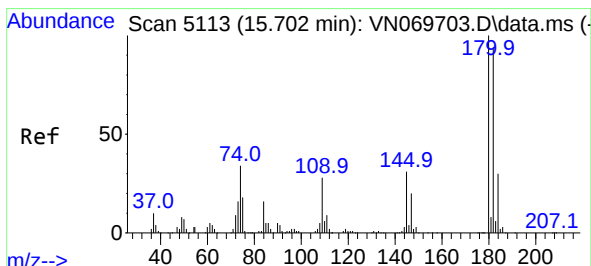
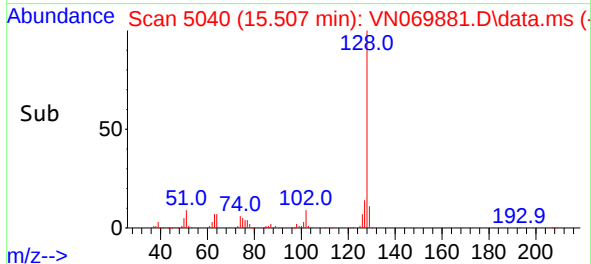
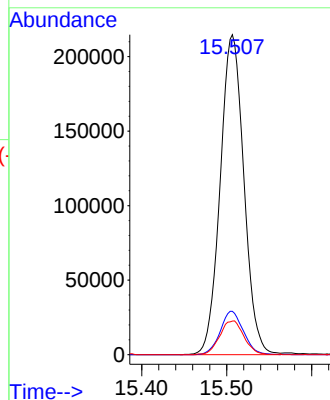
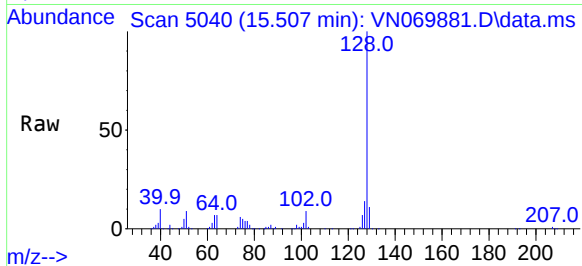




#95  
Naphthalene  
Concen: 16.126 ug/l  
RT: 15.507 min Scan# 5040  
Delta R.T. -0.000 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1208WBSD02

Tgt Ion:128 Resp: 416505  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.5 15.7  
129 10.8 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 17.161 ug/l  
RT: 15.700 min Scan# 5112  
Delta R.T. -0.002 min  
Lab File: VN069881.D  
Acq: 9 Dec 2021 00:32

Tgt Ion:180 Resp: 159902  
Ion Ratio Lower Upper  
180 100  
182 97.6 47.4 142.2  
145 31.8 15.0 45.1

