

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN122921\  
 Data File : VN070343.D  
 Acq On : 29 Dec 2021 12:39  
 Operator : JC/MD  
 Sample : VN1229MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 30 01:48:59 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122721W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Dec 27 18:47:12 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.088  | 168  | 992727   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.968  | 114  | 1594871  | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.744 | 117  | 1483179  | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.675 | 152  | 604257   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.437  | 65    | 787555   | 55.176   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 110.360% |      |
| 35) Dibromofluoromethane    | 8.021  | 113   | 566851   | 58.742   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 117.480% |      |
| 50) Toluene-d8              | 10.443 | 98    | 2263932  | 57.431   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 114.860% |      |
| 62) 4-Bromofluorobenzene    | 12.731 | 95    | 792977   | 55.695   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 111.400% |      |

|                              |       |     |         |         |        |    |
|------------------------------|-------|-----|---------|---------|--------|----|
| Target Compounds             |       |     |         |         | Qvalue |    |
| 2) Dichlorodifluoromethane   | 2.073 | 85  | 233156  | 20.710  | ug/l   | 99 |
| 3) Chloromethane             | 2.303 | 50  | 310112  | 20.250  | ug/l   | 99 |
| 4) Vinyl Chloride            | 2.448 | 62  | 273509  | 19.616  | ug/l   | 98 |
| 5) Bromomethane              | 2.856 | 94  | 153266  | 21.297  | ug/l   | 99 |
| 6) Chloroethane              | 3.022 | 64  | 161982  | 19.291  | ug/l   | 96 |
| 7) Trichlorofluoromethane    | 3.376 | 101 | 328718  | 19.587  | ug/l   | 99 |
| 8) Diethyl Ether             | 3.827 | 74  | 147980  | 20.002  | ug/l   | 82 |
| 9) 1,1,2-Trichlorotrifluo... | 4.207 | 101 | 215255  | 20.971  | ug/l   | 96 |
| 10) Methyl Iodide            | 4.419 | 142 | 276898  | 19.933  | ug/l   | 99 |
| 11) Tert butyl alcohol       | 5.385 | 59  | 250173  | 105.265 | ug/l   | 98 |
| 12) 1,1-Dichloroethene       | 4.181 | 96  | 200101  | 19.791  | ug/l   | 91 |
| 13) Acrolein                 | 4.044 | 56  | 194420  | 100.822 | ug/l   | 97 |
| 14) Allyl chloride           | 4.840 | 41  | 468936  | 20.457  | ug/l   | 87 |
| 15) Acrylonitrile            | 5.556 | 53  | 811305  | 109.395 | ug/l   | 99 |
| 16) Acetone                  | 4.291 | 43  | 955076  | 103.076 | ug/l   | 99 |
| 17) Carbon Disulfide         | 4.527 | 76  | 598810  | 21.698  | ug/l   | 98 |
| 18) Methyl Acetate           | 4.859 | 43  | 566644  | 21.141  | ug/l   | 90 |
| 19) Methyl tert-butyl Ether  | 5.618 | 73  | 746335  | 19.877  | ug/l   | 94 |
| 20) Methylene Chloride       | 5.092 | 84  | 255562  | 19.935  | ug/l   | 86 |
| 21) trans-1,2-Dichloroethene | 5.594 | 96  | 219690  | 20.522  | ug/l   | 87 |
| 22) Diisopropyl ether        | 6.498 | 45  | 925590  | 20.731  | ug/l # | 93 |
| 23) Vinyl Acetate            | 6.436 | 43  | 3654307 | 105.491 | ug/l   | 95 |
| 24) 1,1-Dichloroethane       | 6.388 | 63  | 466341  | 20.144  | ug/l   | 98 |
| 25) 2-Butanone               | 7.337 | 43  | 1240761 | 106.351 | ug/l   | 90 |
| 26) 2,2-Dichloropropane      | 7.327 | 77  | 361576  | 19.798  | ug/l   | 97 |
| 27) cis-1,2-Dichloroethene   | 7.327 | 96  | 258369  | 20.227  | ug/l   | 85 |
| 28) Bromochloromethane       | 7.656 | 49  | 213064  | 18.819  | ug/l # | 77 |
| 29) Tetrahydrofuran          | 7.689 | 42  | 778545  | 111.848 | ug/l   | 87 |
| 30) Chloroform               | 7.817 | 83  | 457346  | 20.478  | ug/l   | 96 |
| 31) Cyclohexane              | 8.094 | 56  | 461081  | 20.471  | ug/l   | 89 |
| 32) 1,1,1-Trichloroethane    | 8.013 | 97  | 385008  | 20.445  | ug/l   | 96 |
| 36) 1,1-Dichloropropene      | 8.222 | 75  | 335779  | 21.034  | ug/l   | 96 |
| 37) Ethyl Acetate            | 7.415 | 43  | 456942  | 22.083  | ug/l   | 95 |
| 38) Carbon Tetrachloride     | 8.206 | 117 | 330285  | 21.668  | ug/l   | 98 |
| 39) Methylcyclohexane        | 9.459 | 83  | 401145  | 20.757  | ug/l   | 87 |
| 40) Benzene                  | 8.458 | 78  | 1035960 | 21.168  | ug/l   | 99 |

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 Sample : VN1229MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 30 01:48:59 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122721W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Dec 27 18:47:12 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.638  | 41   | 243065   | 23.485  | ug/l # | 85       |
| 42) 1,2-Dichloroethane        | 8.531  | 62   | 382475   | 20.792  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.560  | 43   | 686531   | 21.044  | ug/l # | 95       |
| 44) Trichloroethene           | 9.217  | 130  | 240972   | 20.722  | ug/l   | 91       |
| 45) 1,2-Dichloropropane       | 9.491  | 63   | 281621   | 21.372  | ug/l   | 100      |
| 46) Dibromomethane            | 9.577  | 93   | 178353   | 21.767  | ug/l   | 93       |
| 47) Bromodichloromethane      | 9.762  | 83   | 367242   | 22.572  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.561  | 41   | 321222   | 20.643  | ug/l # | 83       |
| 49) 1,4-Dioxane               | 9.569  | 88   | 107026   | 469.859 | ug/l # | 85       |
| 51) 4-Methyl-2-Pentanone      | 10.330 | 43   | 2304205  | 112.405 | ug/l   | 96       |
| 52) Toluene                   | 10.505 | 92   | 625551   | 21.117  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.719 | 75   | 378608   | 21.496  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.191 | 75   | 411567   | 21.601  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 10.899 | 97   | 247088   | 21.081  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.762 | 69   | 407135   | 21.023  | ug/l   | 89       |
| 57) 1,3-Dichloropropane       | 11.044 | 76   | 438863   | 21.170  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.041 | 63   | 372525   | 88.243  | ug/l   | 91       |
| 59) 2-Hexanone                | 11.084 | 43   | 1668770  | 111.632 | ug/l   | 94       |
| 60) Dibromochloromethane      | 11.237 | 129  | 265227   | 23.193  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.344 | 107  | 253174   | 21.274  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.977 | 164  | 217448   | 20.246  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.771 | 112  | 649156   | 20.628  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.840 | 131  | 240441   | 21.402  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.846 | 91   | 1194467  | 20.716  | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.953 | 106  | 884368   | 42.136  | ug/l   | 94       |
| 69) o-Xylene                  | 12.280 | 106  | 427211   | 20.464  | ug/l   | 93       |
| 70) Styrene                   | 12.294 | 104  | 701420   | 21.228  | ug/l   | 96       |
| 71) Bromoform                 | 12.457 | 173  | 204165   | 24.487  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.578 | 105  | 1124892  | 20.047  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.390 | 43   | 452514   | 19.179  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 12.827 | 83   | 395632   | 20.464  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.881 | 75   | 476777   | 27.929  | ug/l # | 1        |
| 77) Bromobenzene              | 12.859 | 156  | 259774   | 20.164  | ug/l   | 77       |
| 78) n-propylbenzene           | 12.921 | 91   | 1274393  | 20.497  | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 13.007 | 91   | 796429   | 19.964  | ug/l   | 93       |
| 80) 1,3,5-Trimethylbenzene    | 13.061 | 105  | 921199   | 20.486  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.626 | 75   | 114415   | 23.134  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 13.106 | 91   | 758001   | 20.285  | ug/l   | 92       |
| 83) tert-Butylbenzene         | 13.323 | 119  | 789748   | 19.946  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 13.369 | 105  | 882970   | 20.392  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.500 | 105  | 1092733  | 20.327  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.616 | 119  | 856220   | 20.276  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.616 | 146  | 436271   | 20.229  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.696 | 146  | 419846   | 19.736  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.943 | 91   | 677565   | 19.237  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.211 | 117  | 178393   | 24.317  | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene       | 13.989 | 146  | 419169   | 19.826  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.603 | 75   | 70449    | 21.672  | ug/l   | 80       |
| 93) 1,2,4-Trichlorobenzene    | 15.265 | 180  | 188355   | 18.908  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.370 | 225  | 126979   | 21.932  | ug/l   | 99       |
| 95) Naphthalene               | 15.507 | 128  | 445246   | 17.388  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.702 | 180  | 181028   | 19.510  | ug/l   | 98       |

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Sample : VN1229MBS01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 5 Sample Multiplier: 1

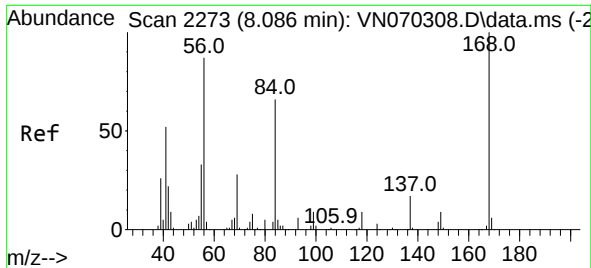
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Dec 30 01:48:59 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122721W.M  
Quant Title : SW846 8260  
QLast Update : Mon Dec 27 18:47:12 2021  
Response via : Initial Calibration

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

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

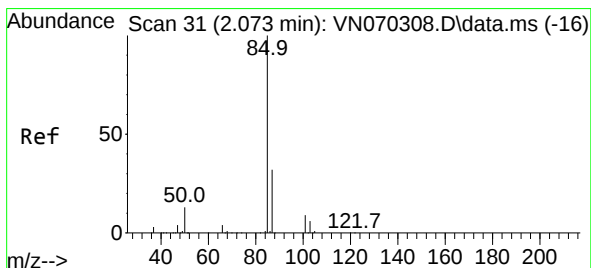
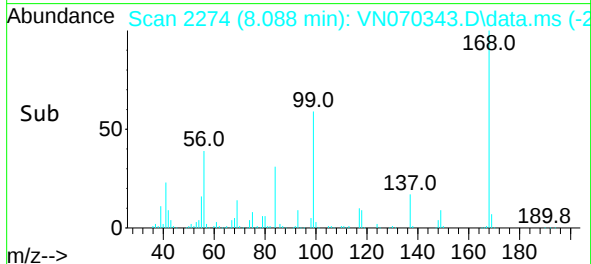
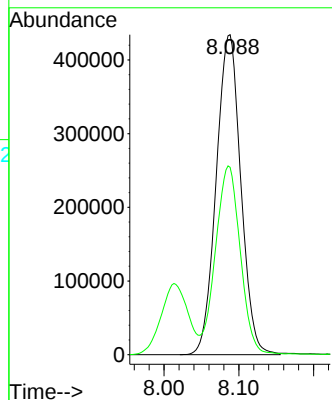
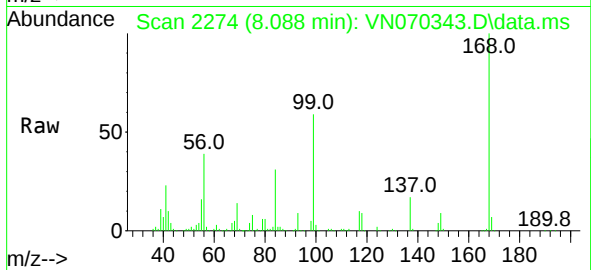




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 21  
Delta R.T. 0.002 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

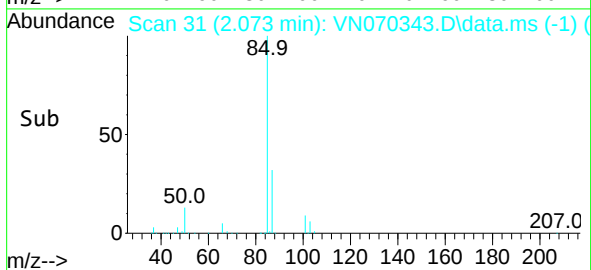
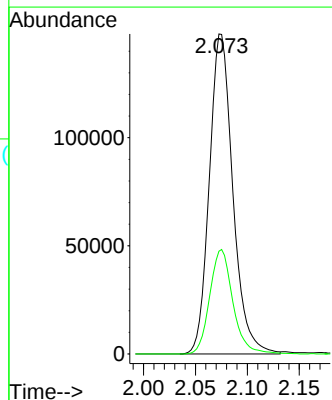
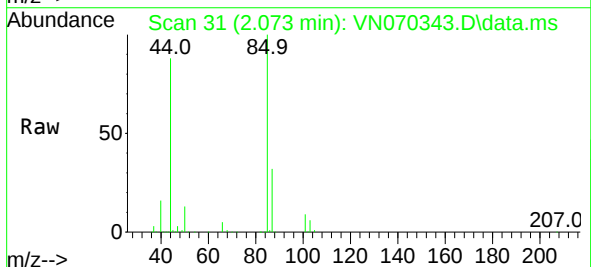
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MSVOA\_N  
ClientSampleId :

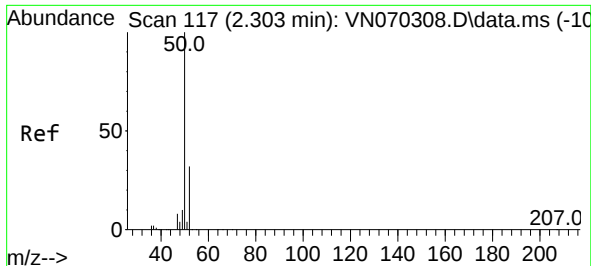
Tgt Ion:168 Resp: 992727  
Ion Ratio Lower Upper  
168 100  
99 58.2 41.3 61.9



#2  
Dichlorodifluoromethane  
Concen: 20.710 ug/l  
RT: 2.073 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

Tgt Ion: 85 Resp: 233156  
Ion Ratio Lower Upper  
85 100  
87 32.1 16.3 48.9

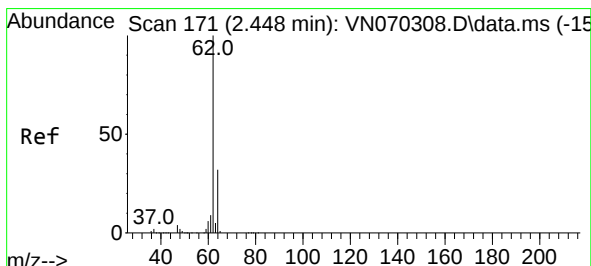
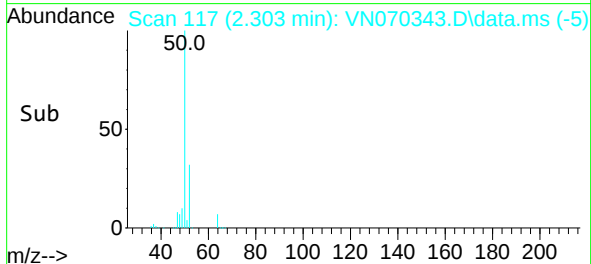
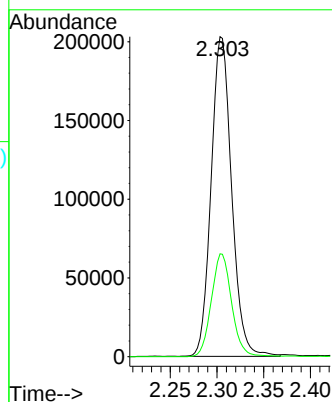
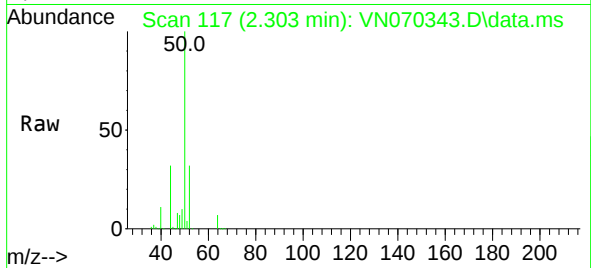




#3  
Chloromethane  
Concen: 20.250 ug/l  
RT: 2.303 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

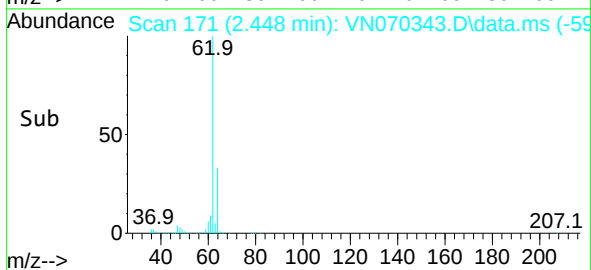
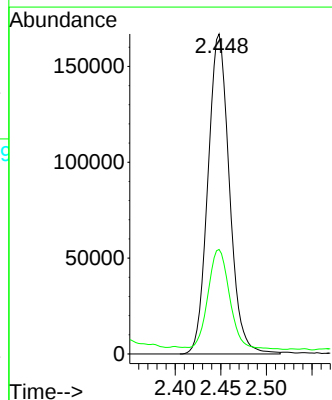
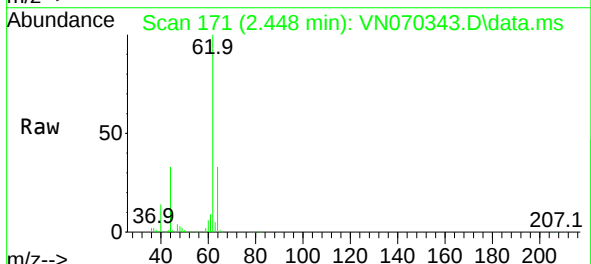
Instrument :  
MSVOA\_N  
ClientSampleId :

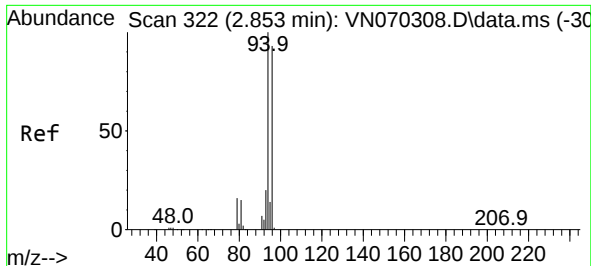
Tgt Ion: 50 Resp: 310112  
Ion Ratio Lower Upper  
50 100  
52 32.2 25.4 38.0



#4  
Vinyl Chloride  
Concen: 19.616 ug/l  
RT: 2.448 min Scan# 171  
Delta R.T. 0.000 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

Tgt Ion: 62 Resp: 273509  
Ion Ratio Lower Upper  
62 100  
64 31.1 25.8 38.6

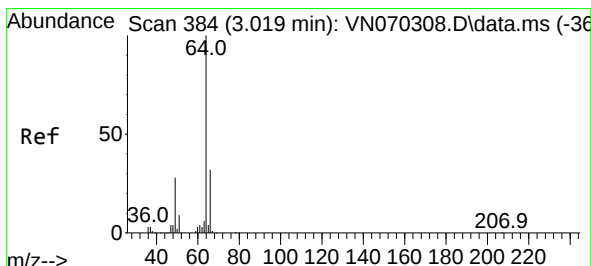
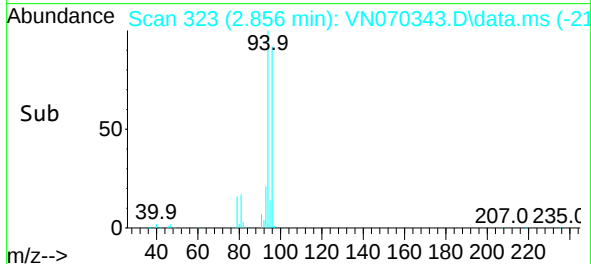
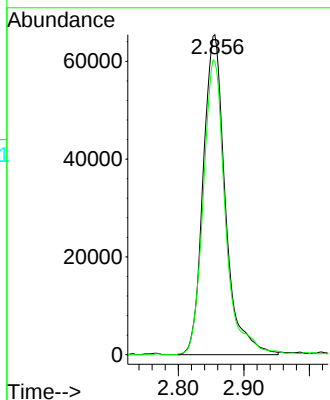
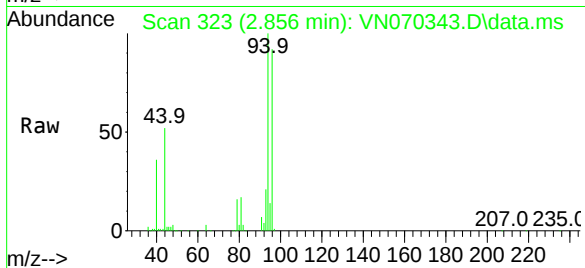




#5  
Bromomethane  
Concen: 21.297 ug/l  
RT: 2.856 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

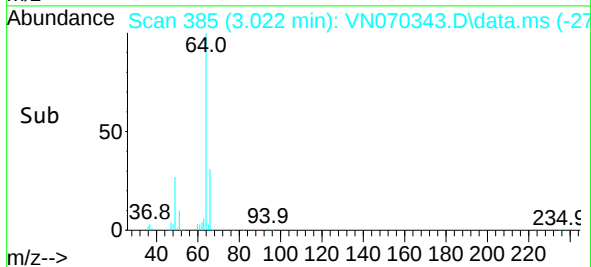
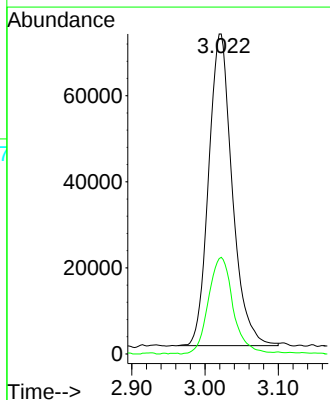
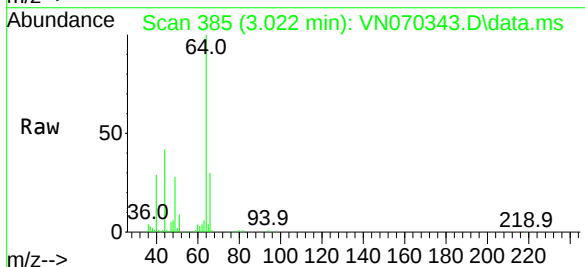
Instrument :  
MSVOA\_N  
ClientSampleId :

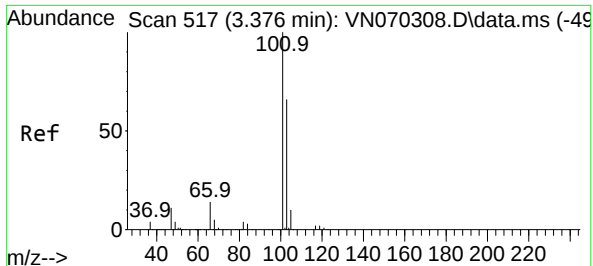
Tgt Ion: 94 Resp: 153266  
Ion Ratio Lower Upper  
94 100  
96 91.3 73.8 110.8



#6  
Chloroethane  
Concen: 19.291 ug/l  
RT: 3.022 min Scan# 385  
Delta R.T. 0.003 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

Tgt Ion: 64 Resp: 161982  
Ion Ratio Lower Upper  
64 100  
66 30.8 26.3 39.5

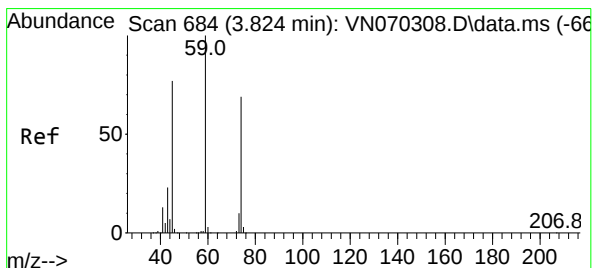
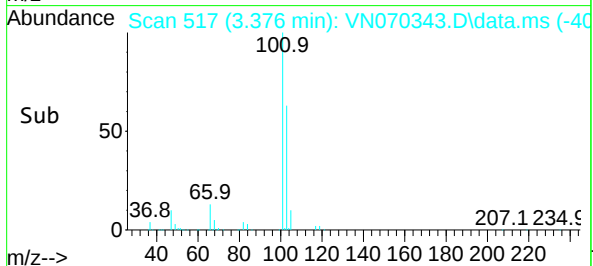
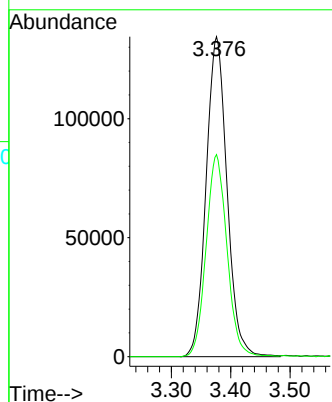
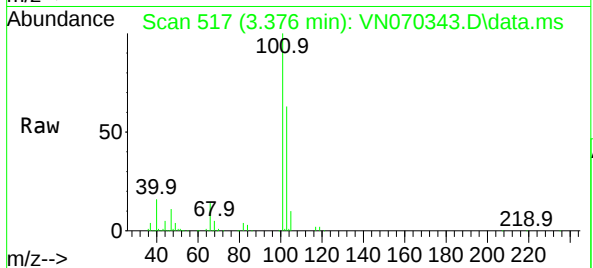




#7  
 Trichlorofluoromethane  
 Concen: 19.587 ug/l  
 RT: 3.376 min Scan# 517  
 Delta R.T. 0.000 min  
 Lab File: VN070343.D  
 Acq: 29 Dec 2021 12:39

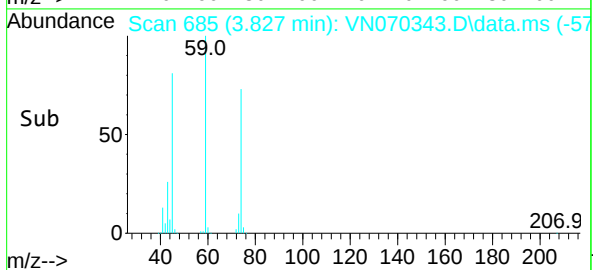
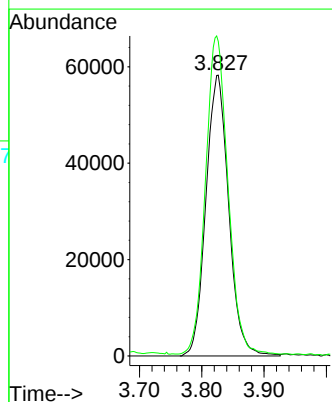
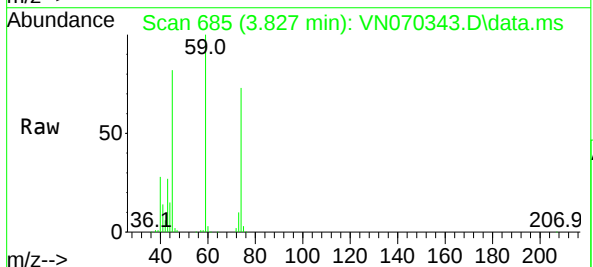
Instrument :  
 MSVOA\_N  
 ClientSampleId :

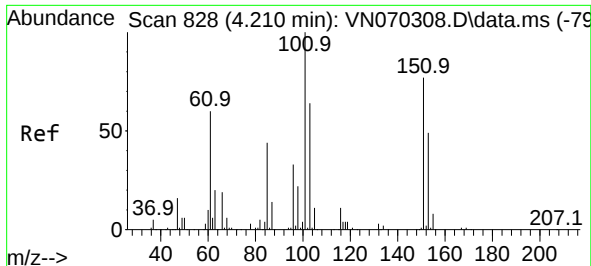
Tgt Ion:101 Resp: 328718  
 Ion Ratio Lower Upper  
 101 100  
 103 63.2 50.1 75.1



#8  
 Diethyl Ether  
 Concen: 20.002 ug/l  
 RT: 3.827 min Scan# 685  
 Delta R.T. 0.003 min  
 Lab File: VN070343.D  
 Acq: 29 Dec 2021 12:39

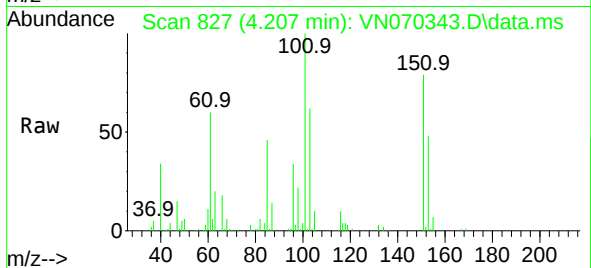
Tgt Ion: 74 Resp: 147980  
 Ion Ratio Lower Upper  
 74 100  
 45 111.3 47.0 141.2



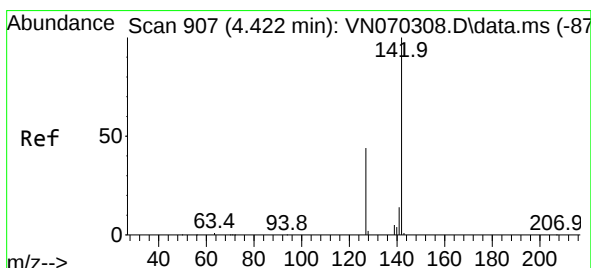
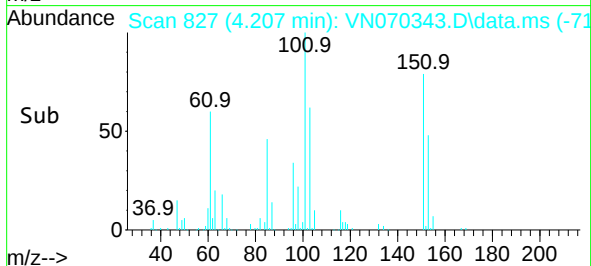
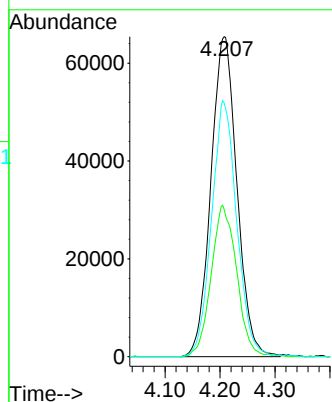


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.971 ug/l  
RT: 4.207 min Scan# 81  
Delta R.T. -0.003 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

Instrument :  
MSVOA\_N  
ClientSampleId :

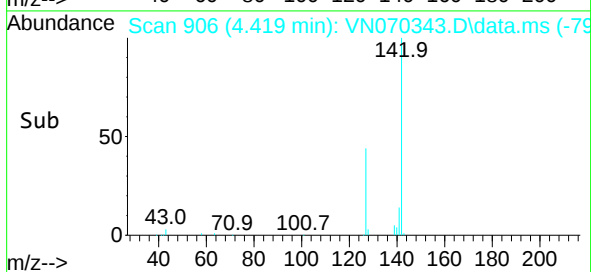
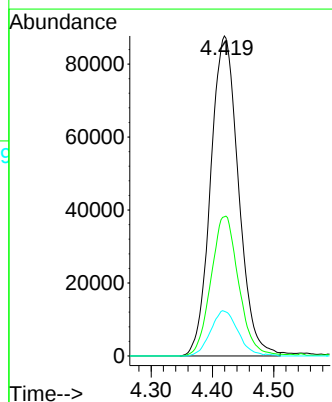
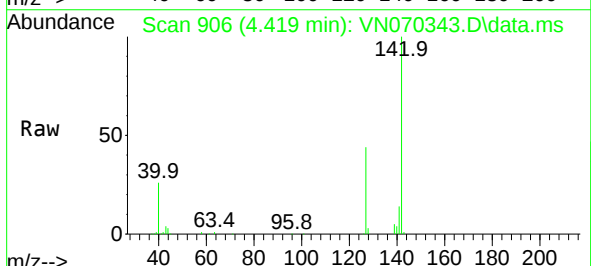


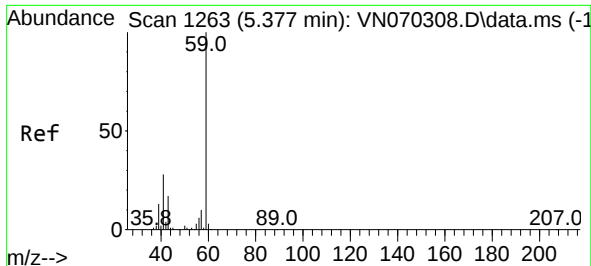
Tgt Ion:101 Resp: 215255  
Ion Ratio Lower Upper  
101 100  
85 46.1 37.2 55.8  
151 77.5 65.9 98.9



#10  
Methyl Iodide  
Concen: 19.933 ug/l  
RT: 4.419 min Scan# 906  
Delta R.T. -0.003 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

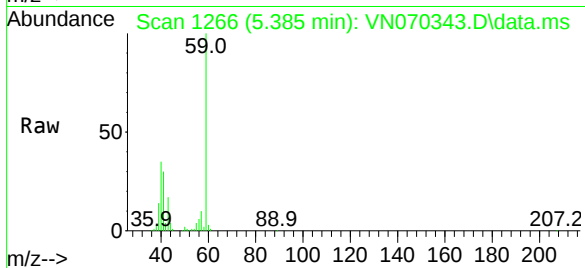
Tgt Ion:142 Resp: 276898  
Ion Ratio Lower Upper  
142 100  
127 43.5 35.4 53.0  
141 13.9 11.6 17.4



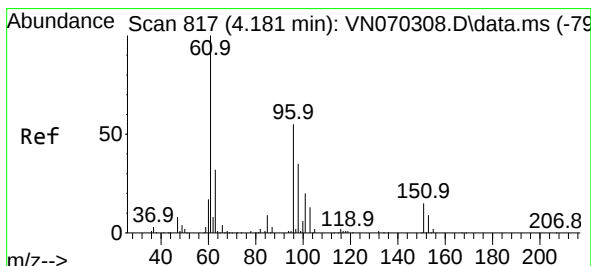
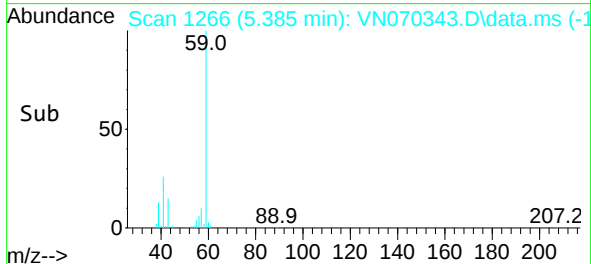
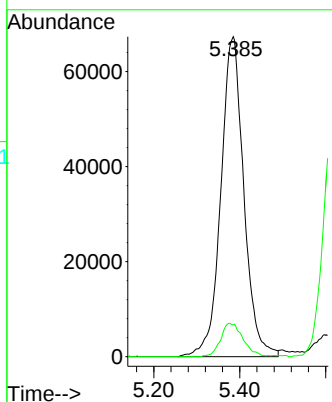


#11  
Tert butyl alcohol  
Concen: 105.265 ug/l  
RT: 5.385 min Scan# 11  
Delta R.T. 0.008 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

Instrument :  
MSVOA\_N  
ClientSampleId :

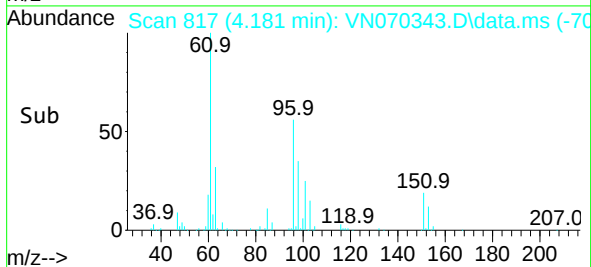
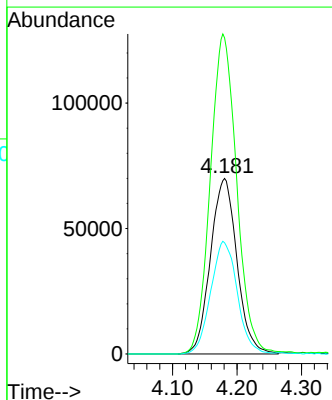
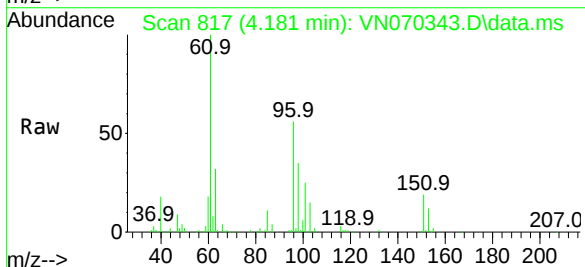


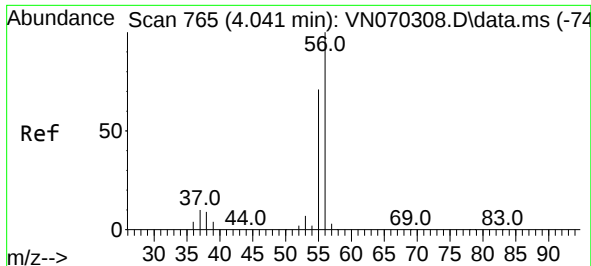
Tgt Ion: 59 Resp: 250173  
Ion Ratio Lower Upper  
59 100  
57 10.2 8.7 13.1



#12  
1,1-Dichloroethene  
Concen: 19.791 ug/l  
RT: 4.181 min Scan# 817  
Delta R.T. -0.000 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

Tgt Ion: 96 Resp: 200101  
Ion Ratio Lower Upper  
96 100  
61 179.9 131.0 196.6  
98 63.4 52.4 78.6

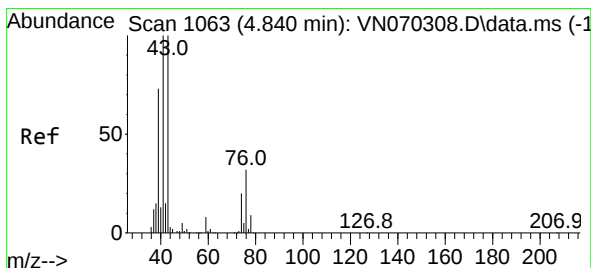
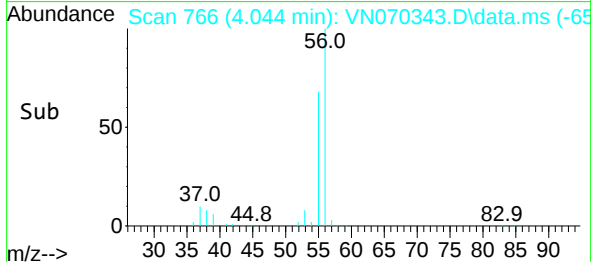
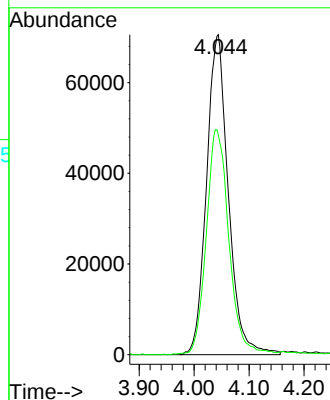
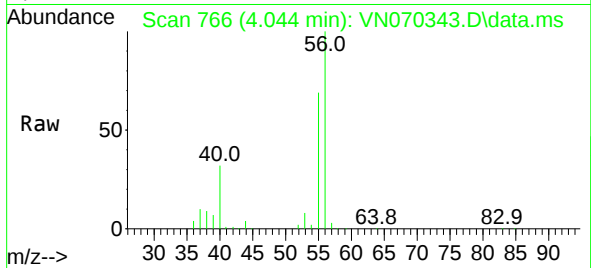




#13  
Acrolein  
Concen: 100.822 ug/l  
RT: 4.044 min Scan# 765  
Delta R.T. 0.003 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

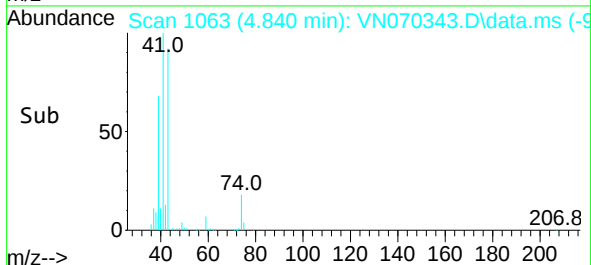
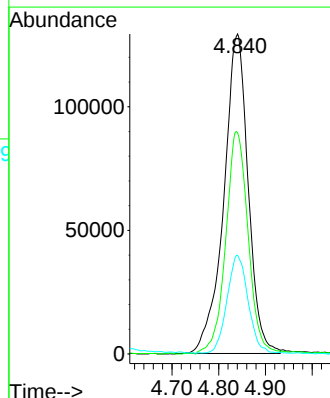
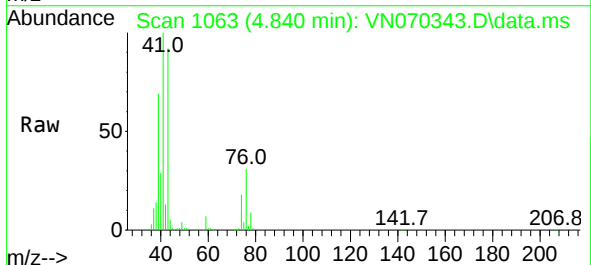
Instrument :  
MSVOA\_N  
ClientSampleId :

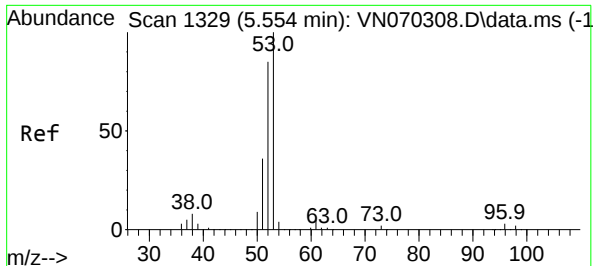
Tgt Ion: 56 Resp: 194420  
Ion Ratio Lower Upper  
56 100  
55 72.9 56.6 85.0



#14  
Allyl chloride  
Concen: 20.457 ug/l  
RT: 4.840 min Scan# 1063  
Delta R.T. 0.000 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

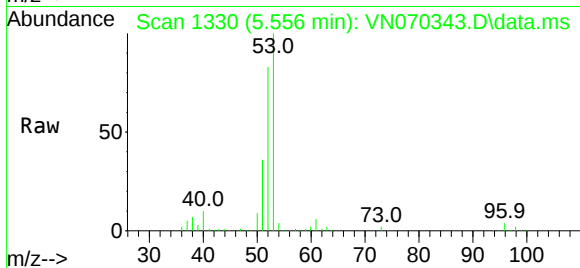
Tgt Ion: 41 Resp: 468936  
Ion Ratio Lower Upper  
41 100  
39 64.1 61.2 91.8  
76 26.3 26.0 39.0



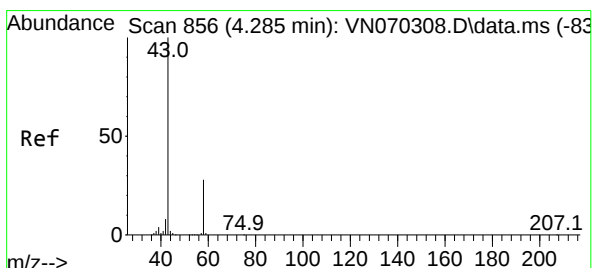
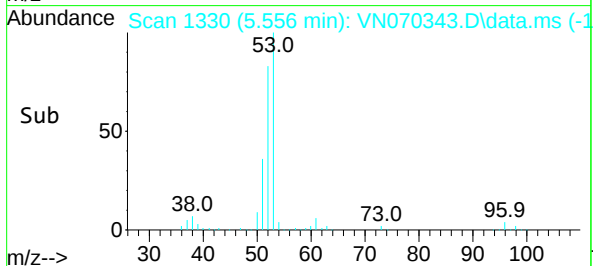
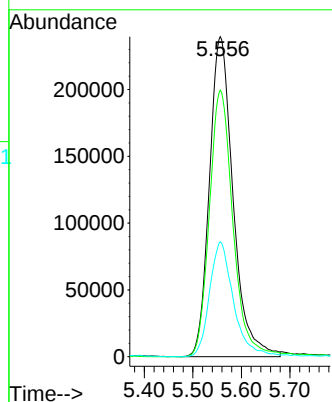


#15  
Acrylonitrile  
Concen: 109.395 ug/l  
RT: 5.556 min Scan# 11  
Delta R.T. 0.002 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

Instrument :  
MSVOA\_N  
ClientSampleId :

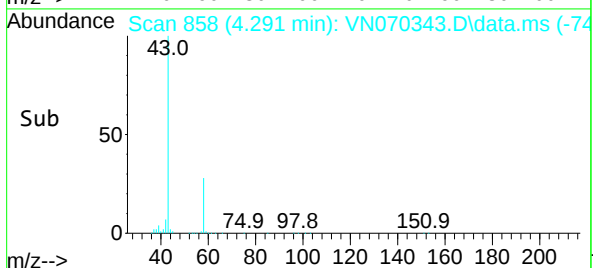
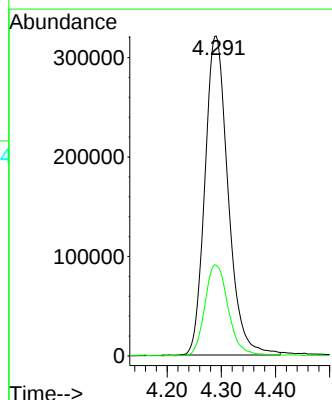
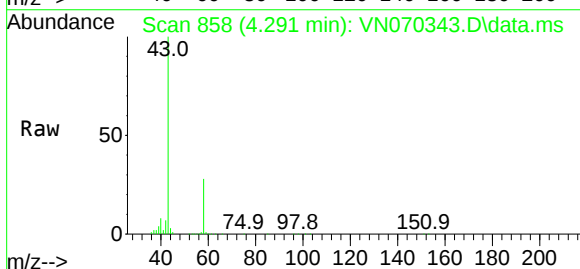


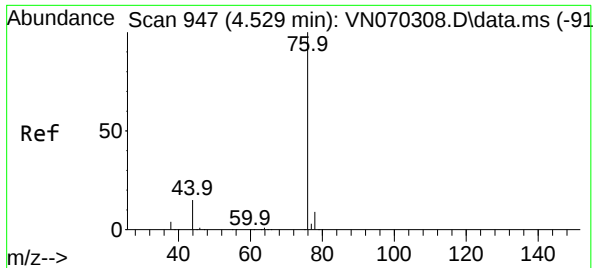
Tgt Ion: 53 Resp: 811305  
Ion Ratio Lower Upper  
53 100  
52 83.0 66.2 99.2  
51 36.3 29.6 44.4



#16  
Acetone  
Concen: 103.076 ug/l  
RT: 4.291 min Scan# 858  
Delta R.T. 0.006 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

Tgt Ion: 43 Resp: 955076  
Ion Ratio Lower Upper  
43 100  
58 28.3 23.1 34.7

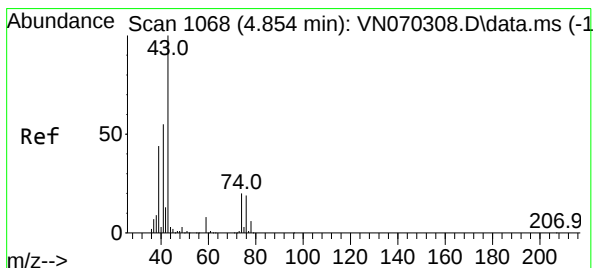
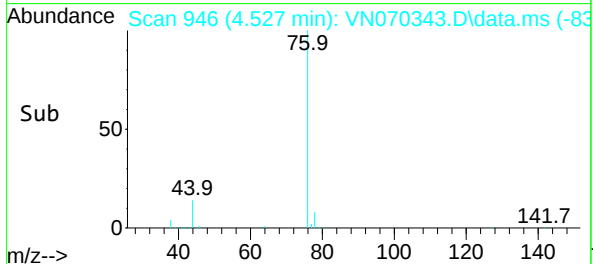
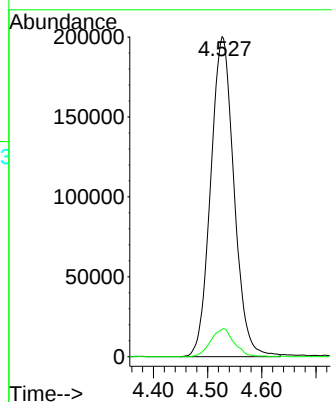
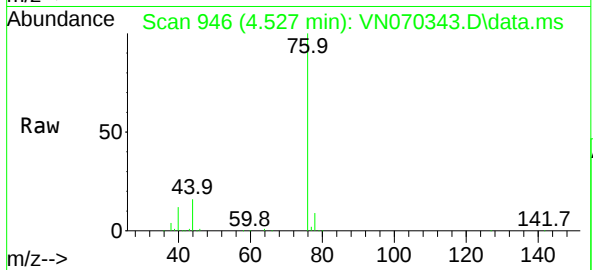




#17  
Carbon Disulfide  
Concen: 21.698 ug/l  
RT: 4.527 min Scan# 947  
Delta R.T. -0.002 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

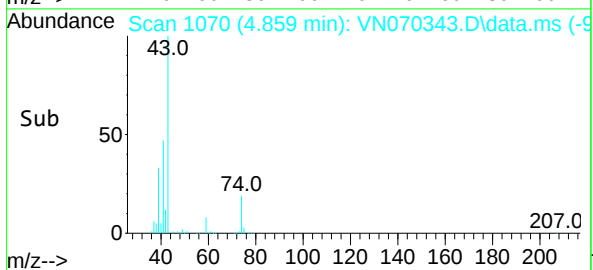
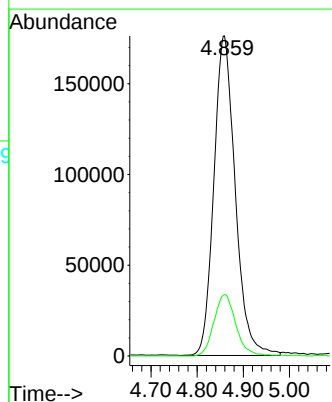
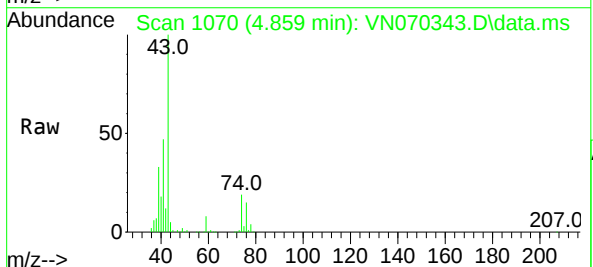
Instrument :  
MSVOA\_N  
ClientSampleId :

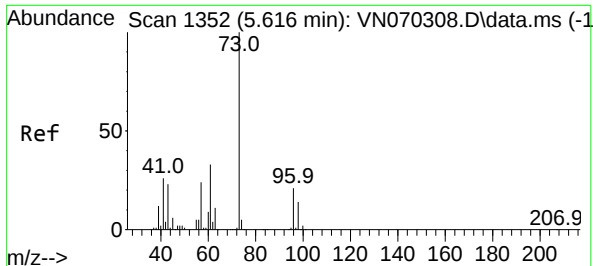
Tgt Ion: 76 Resp: 598810  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.5 11.3



#18  
Methyl Acetate  
Concen: 21.141 ug/l  
RT: 4.859 min Scan# 1070  
Delta R.T. 0.005 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

Tgt Ion: 43 Resp: 566644  
Ion Ratio Lower Upper  
43 100  
74 19.5 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 19.877 ug/l

RT: 5.618 min Scan# 1157

Delta R.T. 0.002 min

Lab File: VN070343.D

Acq: 29 Dec 2021 12:39

Instrument :

MSVOA\_N

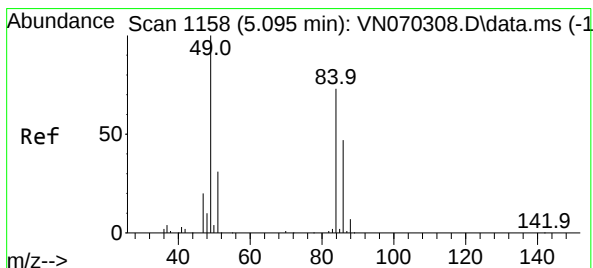
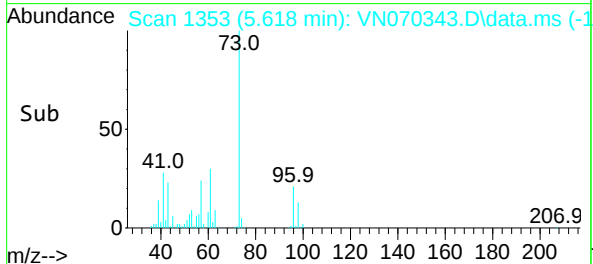
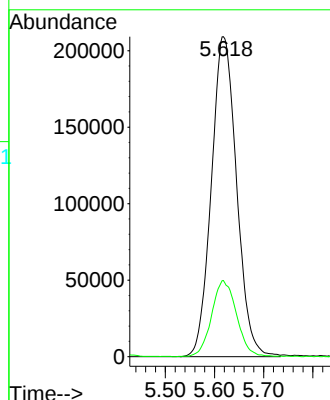
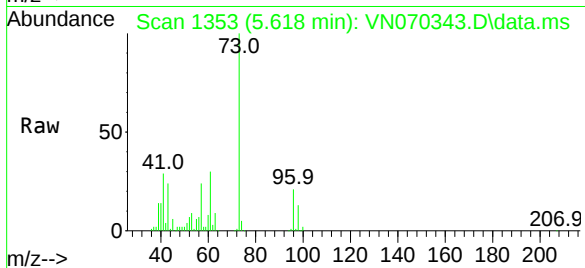
ClientSampleId :

Tgt Ion: 73 Resp: 746335

Ion Ratio Lower Upper

73 100

57 23.7 16.8 25.2



#20

Methylene Chloride

Concen: 19.935 ug/l

RT: 5.092 min Scan# 1157

Delta R.T. -0.003 min

Lab File: VN070343.D

Acq: 29 Dec 2021 12:39

Tgt Ion: 84 Resp: 255562

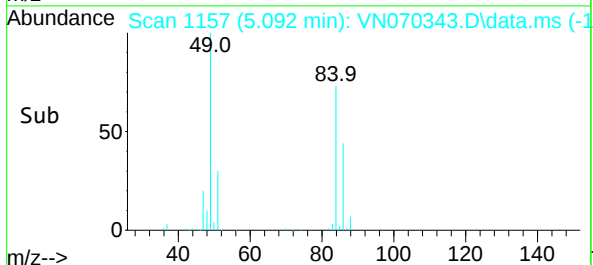
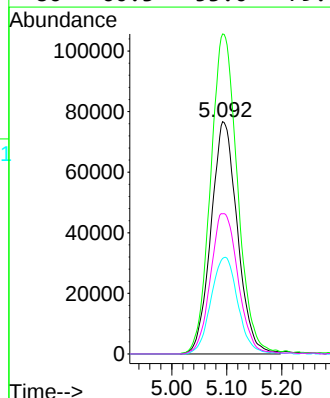
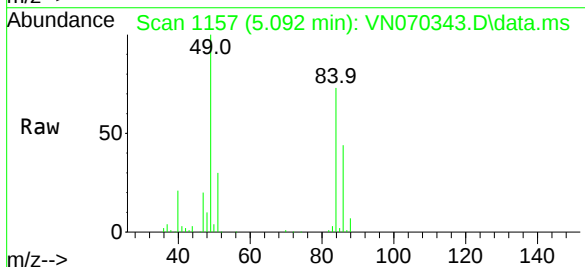
Ion Ratio Lower Upper

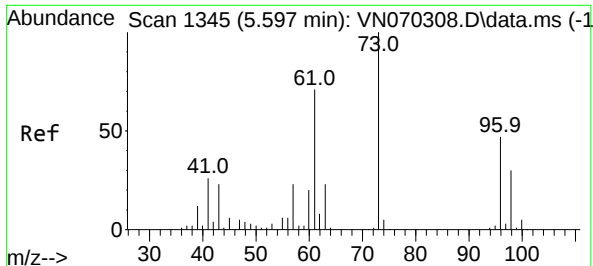
84 100

49 137.7 93.5 140.3

51 41.1 29.4 44.2

86 60.3 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 20.522 ug/l

RT: 5.594 min Scan# 11

Delta R.T. -0.003 min

Lab File: VN070343.D

Acq: 29 Dec 2021 12:39

Instrument :

MSVOA\_N

ClientSampleId :

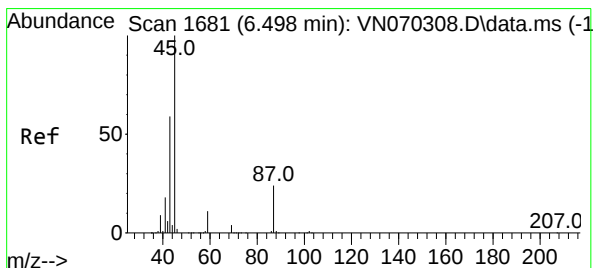
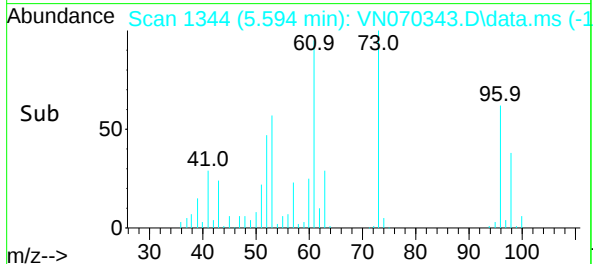
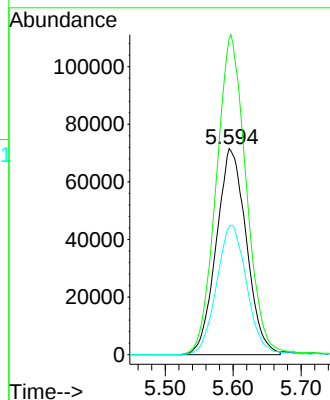
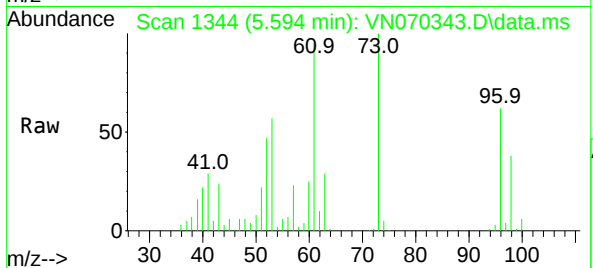
Tgt Ion: 96 Resp: 219690

Ion Ratio Lower Upper

96 100

61 153.4 105.8 158.6

98 62.0 52.0 78.0



#22

Diisopropyl ether

Concen: 20.731 ug/l

RT: 6.498 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VN070343.D

Acq: 29 Dec 2021 12:39

Tgt Ion: 45 Resp: 925590

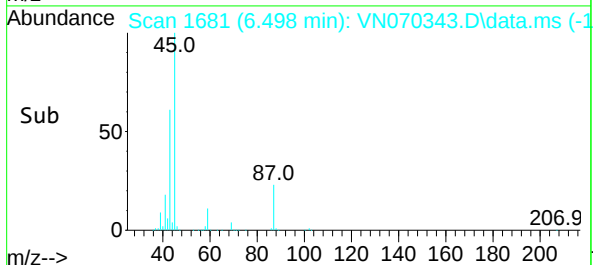
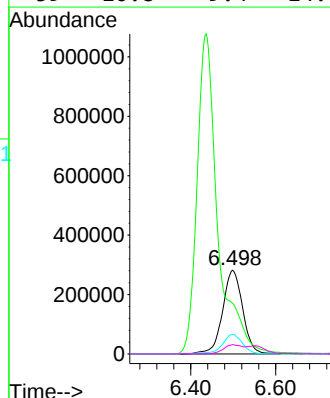
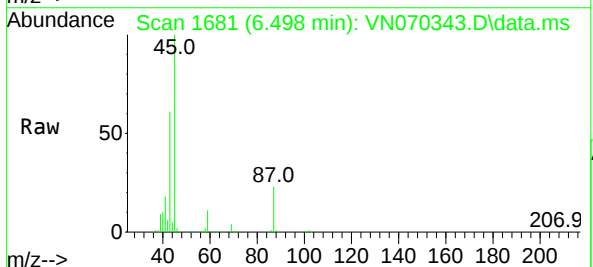
Ion Ratio Lower Upper

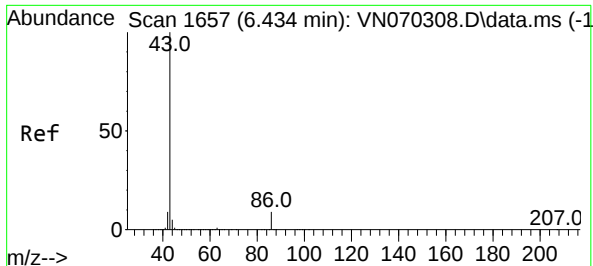
45 100

43 59.3 51.7 77.5

87 23.1 23.2 34.8#

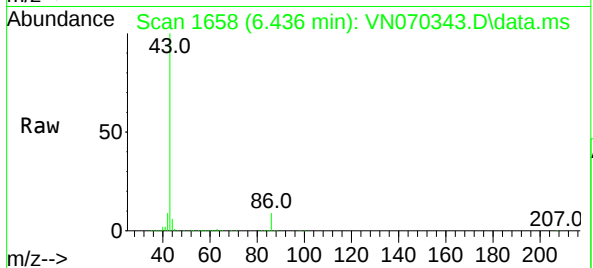
59 10.8 9.4 14.0



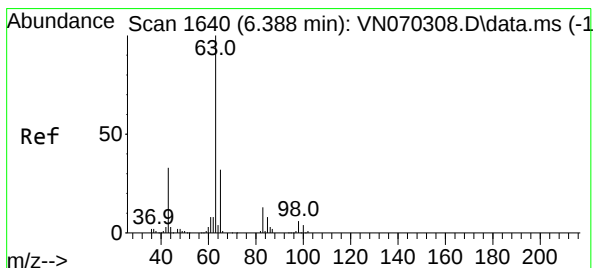
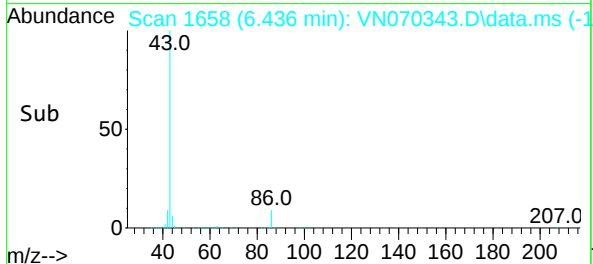
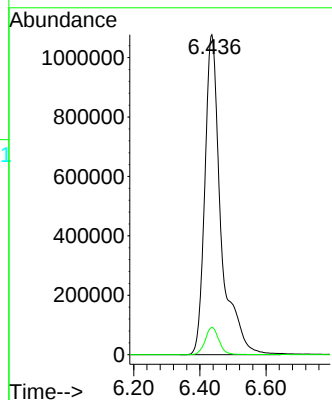


#23  
 Vinyl Acetate  
 Concen: 105.491 ug/l  
 RT: 6.436 min Scan# 1657  
 Delta R.T. 0.002 min  
 Lab File: VN070343.D  
 Acq: 29 Dec 2021 12:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :

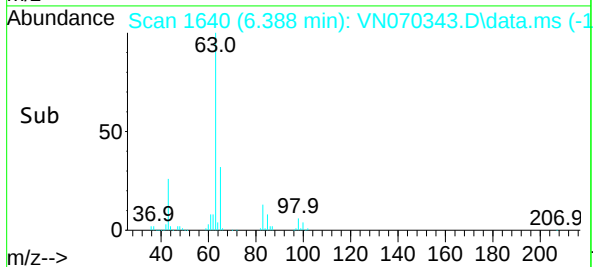
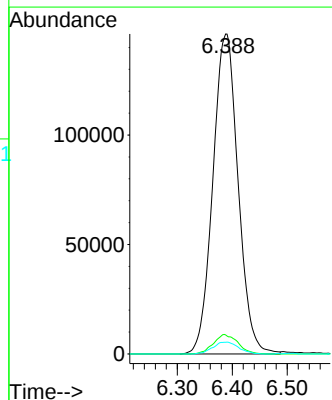
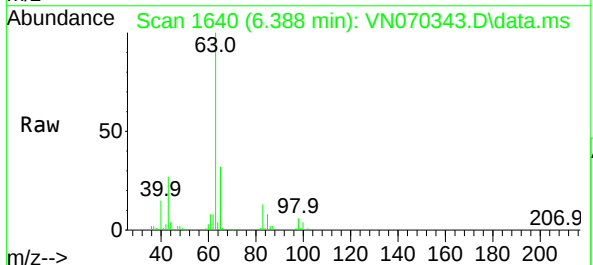


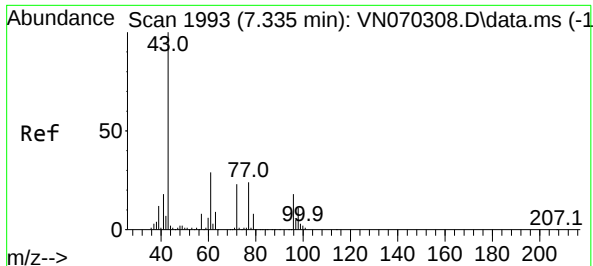
Tgt Ion: 43 Resp: 3654307  
 Ion Ratio Lower Upper  
 43 100  
 86 8.6 8.5 12.7



#24  
 1,1-Dichloroethane  
 Concen: 20.144 ug/l  
 RT: 6.388 min Scan# 1640  
 Delta R.T. -0.000 min  
 Lab File: VN070343.D  
 Acq: 29 Dec 2021 12:39

Tgt Ion: 63 Resp: 466341  
 Ion Ratio Lower Upper  
 63 100  
 98 5.9 3.3 9.9  
 100 3.7 2.1 6.5





#25

2-Butanone

Concen: 106.351 ug/l

RT: 7.337 min Scan# 1993

Delta R.T. 0.002 min

Lab File: VN070343.D

Acq: 29 Dec 2021 12:39

Instrument :

MSVOA\_N

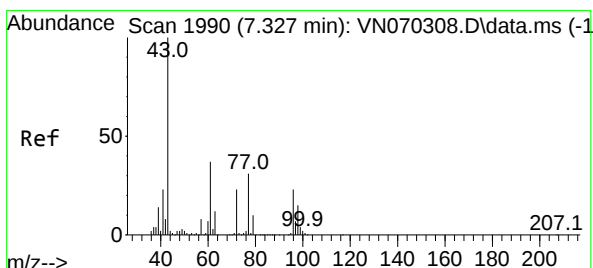
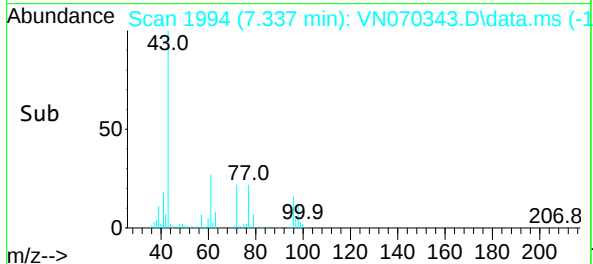
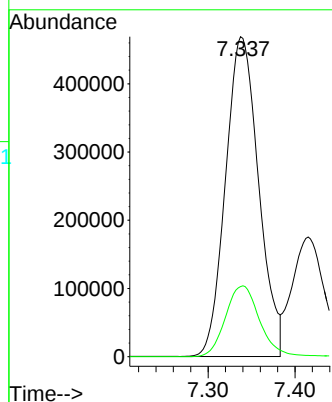
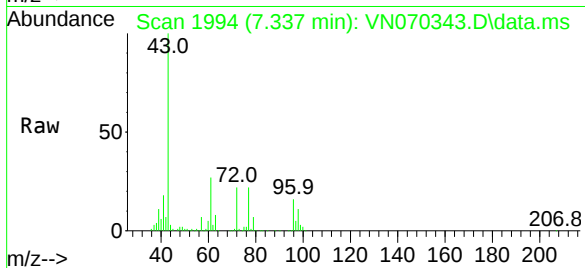
ClientSampleId :

Tgt Ion: 43 Resp: 1240761

Ion Ratio Lower Upper

43 100

72 21.9 21.7 32.5



#26

2,2-Dichloropropane

Concen: 19.798 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN070343.D

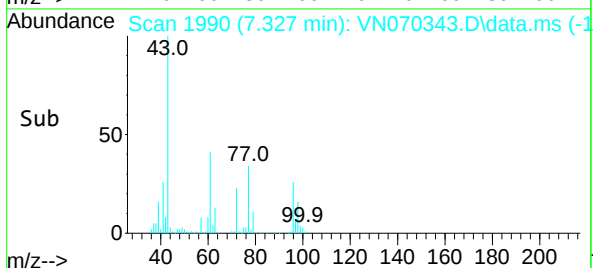
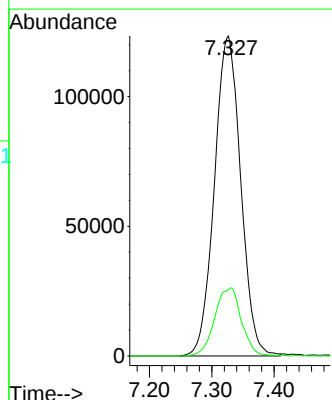
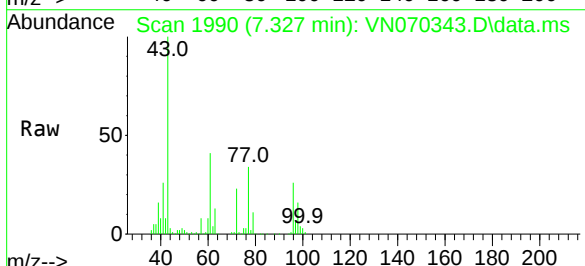
Acq: 29 Dec 2021 12:39

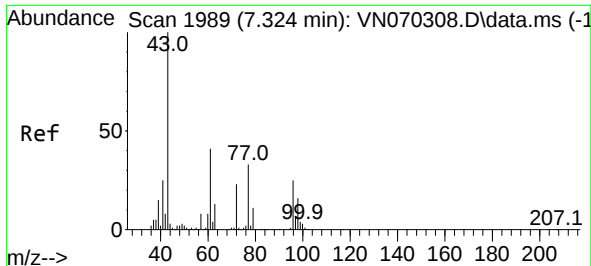
Tgt Ion: 77 Resp: 361576

Ion Ratio Lower Upper

77 100

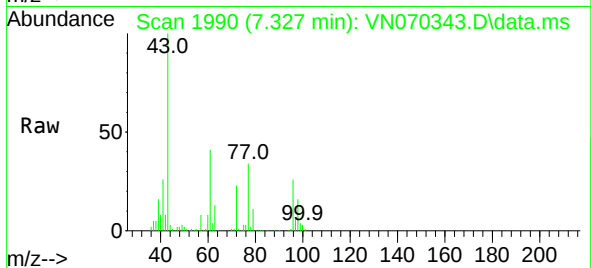
97 21.6 11.6 34.8



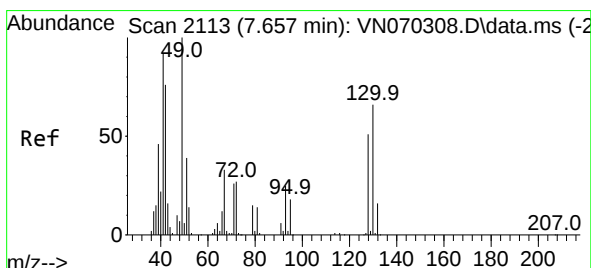
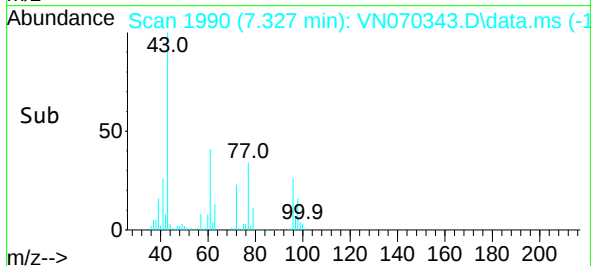
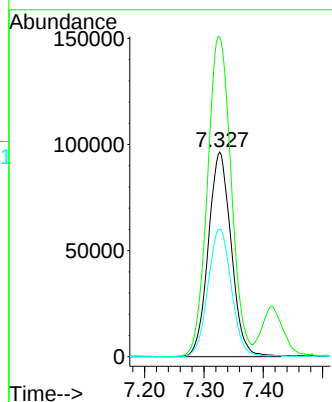


#27  
 cis-1,2-Dichloroethene  
 Concen: 20.227 ug/l  
 RT: 7.327 min Scan# 1989  
 Delta R.T. 0.003 min  
 Lab File: VN070343.D  
 Acq: 29 Dec 2021 12:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :

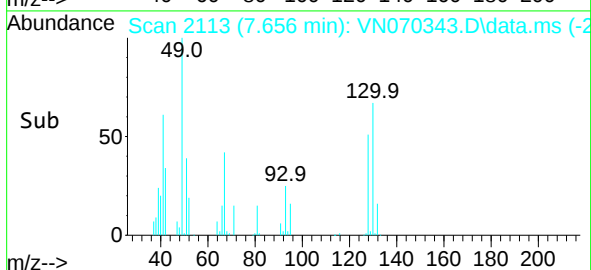
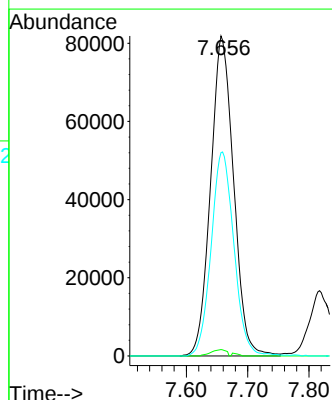
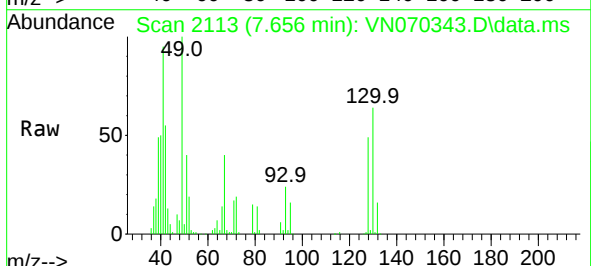


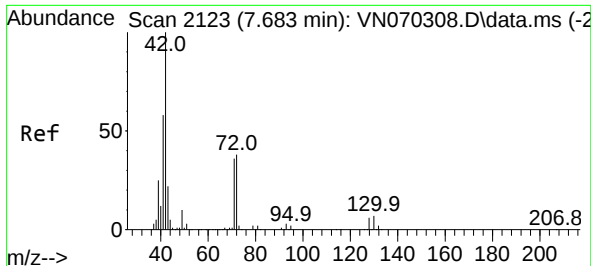
Tgt Ion: 96 Resp: 258369  
 Ion Ratio Lower Upper  
 96 100  
 61 162.6 0.0 275.0  
 98 63.8 0.0 129.6



#28  
 Bromochloromethane  
 Concen: 18.819 ug/l  
 RT: 7.656 min Scan# 2113  
 Delta R.T. -0.001 min  
 Lab File: VN070343.D  
 Acq: 29 Dec 2021 12:39

Tgt Ion: 49 Resp: 213064  
 Ion Ratio Lower Upper  
 49 100  
 129 1.3 0.0 4.0  
 130 63.0 67.8 101.8





#29

Tetrahydrofuran

Concen: 111.848 ug/l

RT: 7.689 min Scan# 2125

Delta R.T. 0.006 min

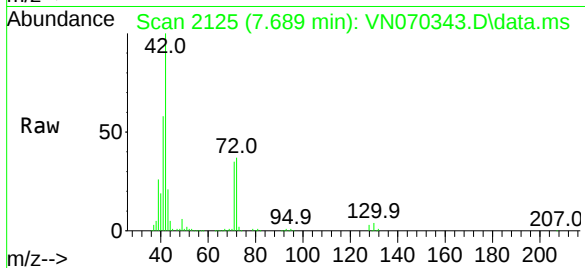
Lab File: VN070343.D

Acq: 29 Dec 2021 12:39

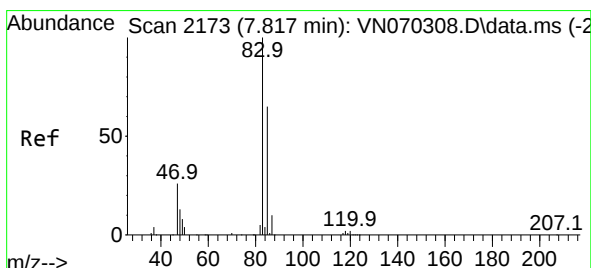
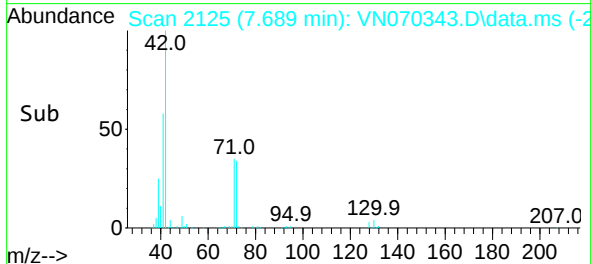
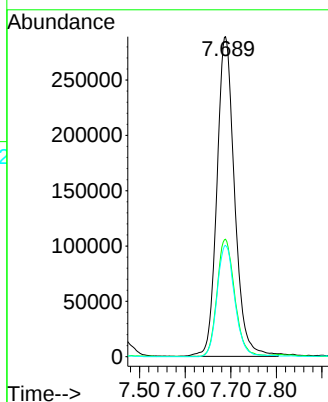
Instrument :

MSVOA\_N

ClientSampleId :



| Tgt Ion:  | 42   | Resp: | 778545 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 72        | 36.7 | 36.3  | 54.5   |
| 71        | 34.8 | 34.7  | 52.1   |



#30

Chloroform

Concen: 20.478 ug/l

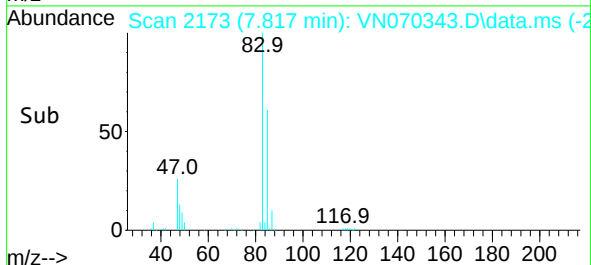
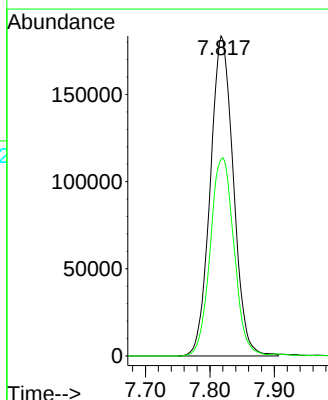
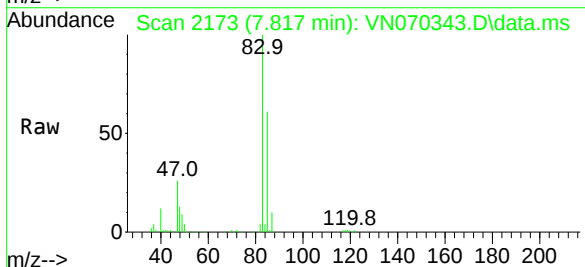
RT: 7.817 min Scan# 2173

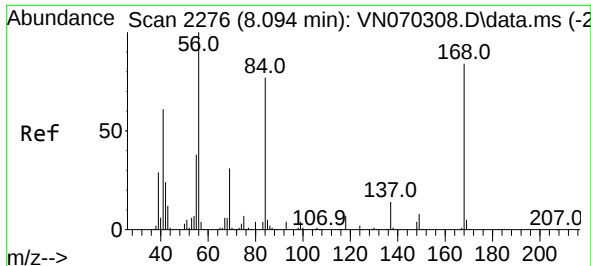
Delta R.T. 0.000 min

Lab File: VN070343.D

Acq: 29 Dec 2021 12:39

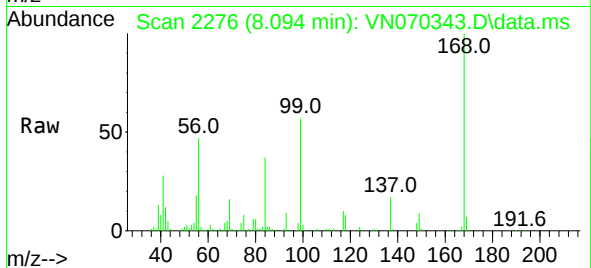
| Tgt Ion:  | 83   | Resp: | 457346 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 85        | 61.5 | 51.9  | 77.9   |



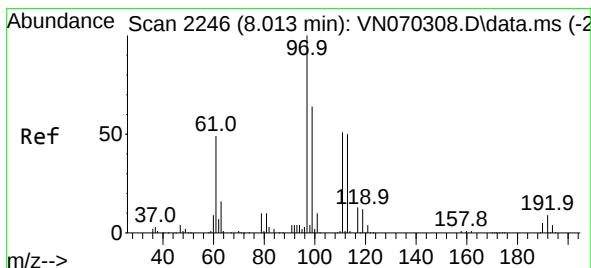
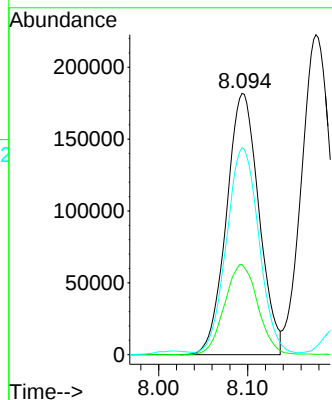
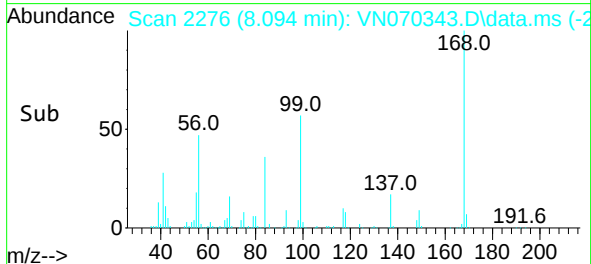


#31  
Cyclohexane  
Concen: 20.471 ug/l  
RT: 8.094 min Scan# 2276  
Delta R.T. -0.000 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

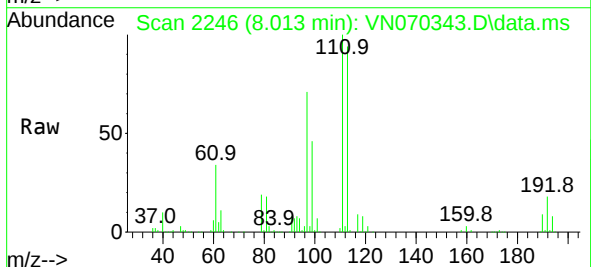
Instrument :  
MSVOA\_N  
ClientSampleId :



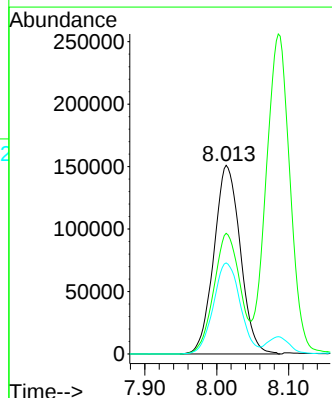
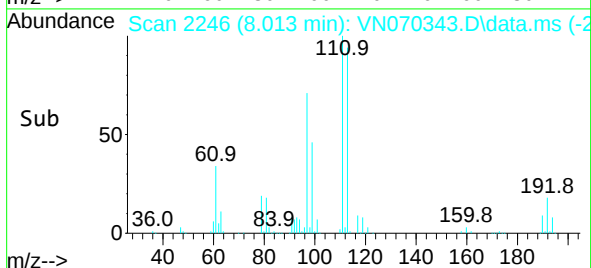
Tgt Ion: 56 Resp: 461081  
Ion Ratio Lower Upper  
56 100  
69 34.6 27.1 40.7  
84 77.9 73.4 110.0

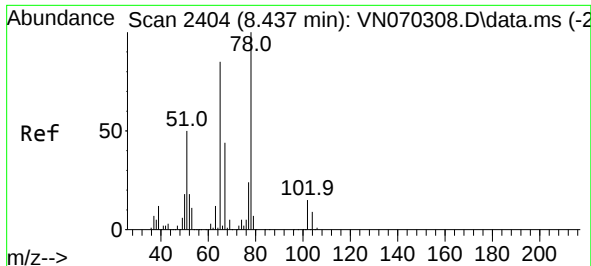


#32  
1,1,1-Trichloroethane  
Concen: 20.445 ug/l  
RT: 8.013 min Scan# 2246  
Delta R.T. 0.000 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39



Tgt Ion: 97 Resp: 385008  
Ion Ratio Lower Upper  
97 100  
99 63.7 50.1 75.1  
61 49.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 55.176 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. -0.000 min

Lab File: VN070343.D

Acq: 29 Dec 2021 12:39

Instrument :

MSVOA\_N

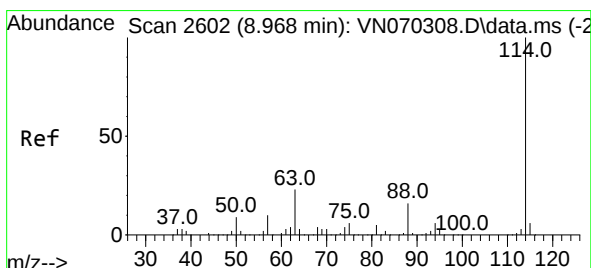
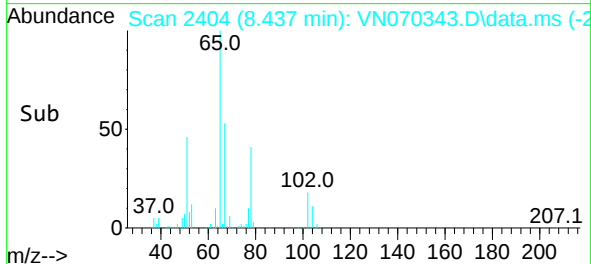
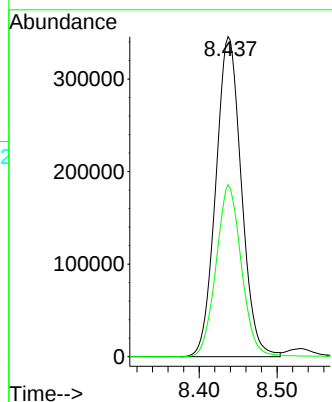
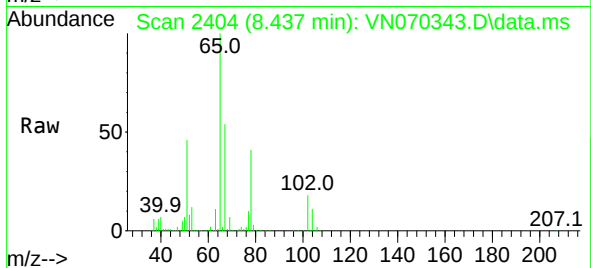
ClientSampleId :

Tgt Ion: 65 Resp: 787555

Ion Ratio Lower Upper

65 100

67 53.1 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: VN070343.D

Acq: 29 Dec 2021 12:39

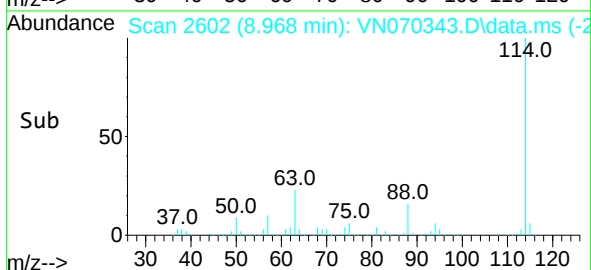
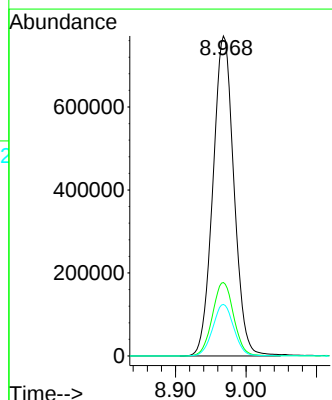
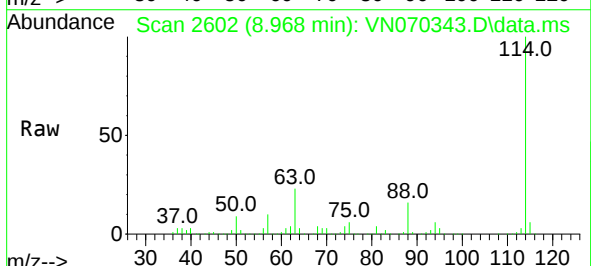
Tgt Ion: 114 Resp: 1594871

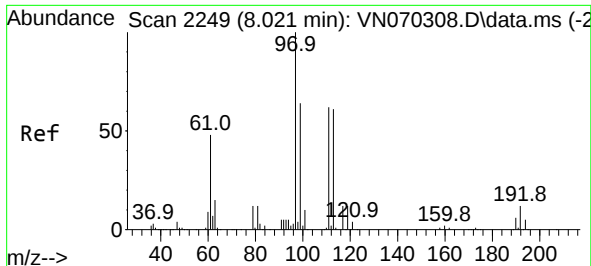
Ion Ratio Lower Upper

114 100

63 23.0 0.0 37.8

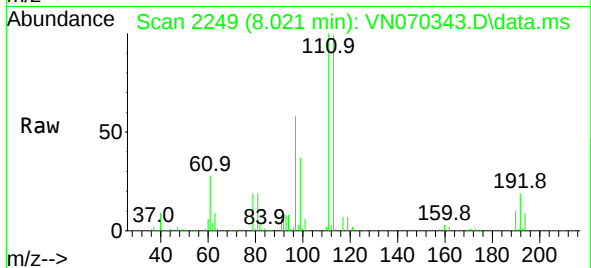
88 16.1 0.0 27.4



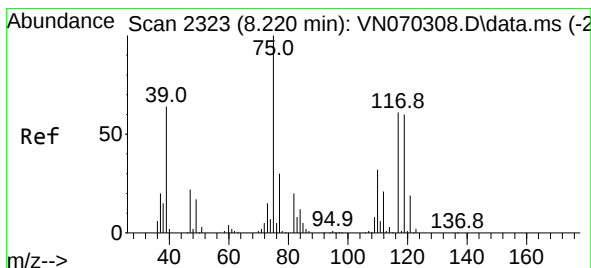
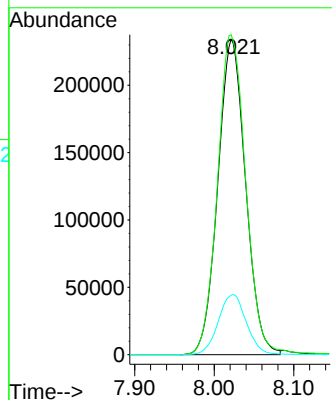
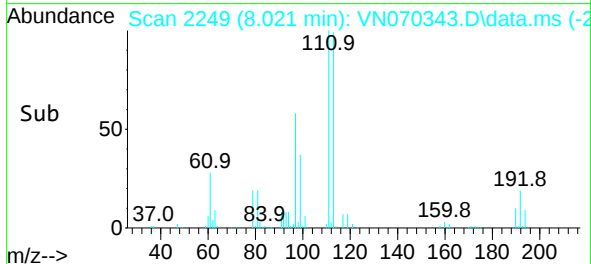


#35  
Dibromofluoromethane  
Concen: 58.742 ug/l  
RT: 8.021 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

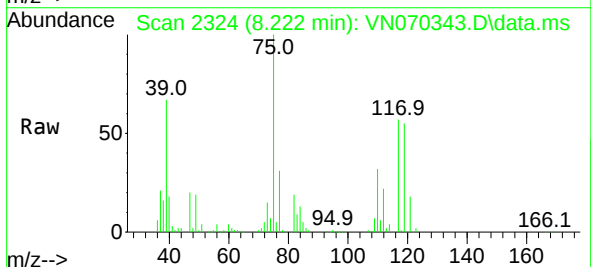
Instrument :  
MSVOA\_N  
ClientSampleId :



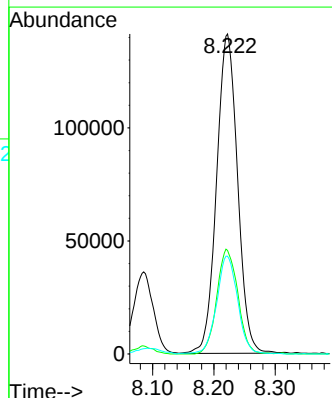
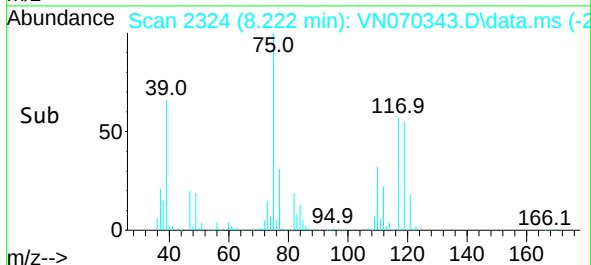
Tgt Ion:113 Resp: 566851  
Ion Ratio Lower Upper  
113 100  
111 103.9 82.2 123.2  
192 19.4 16.9 25.3

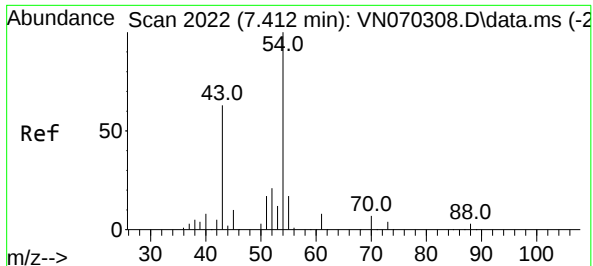


#36  
1,1-Dichloropropene  
Concen: 21.034 ug/l  
RT: 8.222 min Scan# 2324  
Delta R.T. 0.002 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39



Tgt Ion: 75 Resp: 335779  
Ion Ratio Lower Upper  
75 100  
110 32.8 18.4 55.2  
77 30.8 24.4 36.6

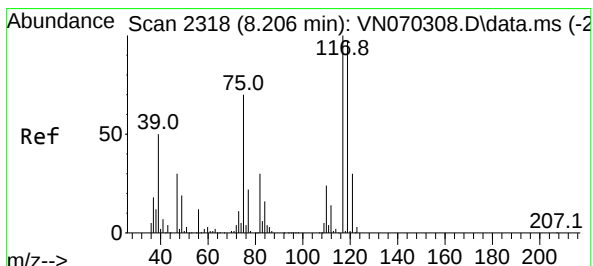
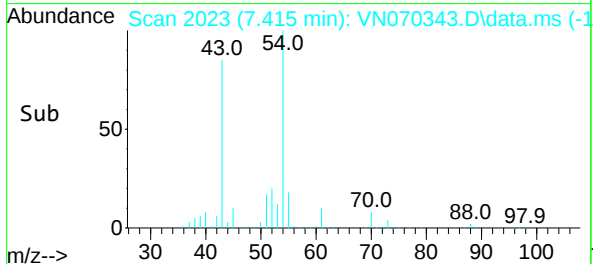
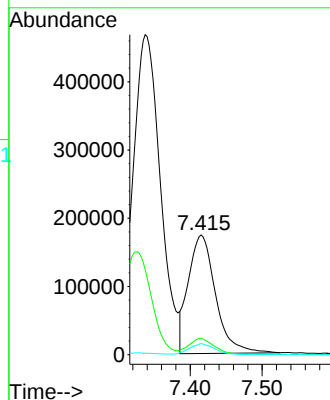
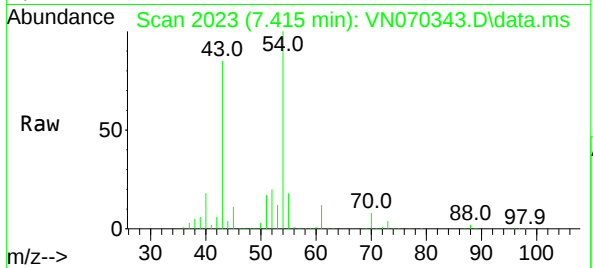




#37  
Ethyl Acetate  
Concen: 22.083 ug/l  
RT: 7.415 min Scan# 2022  
Delta R.T. 0.003 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

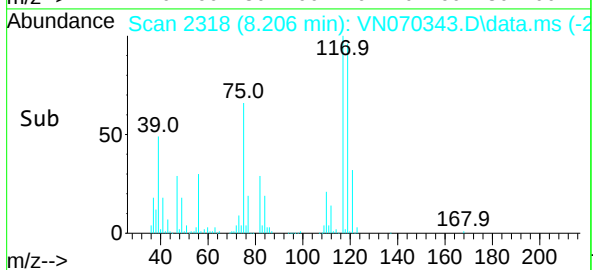
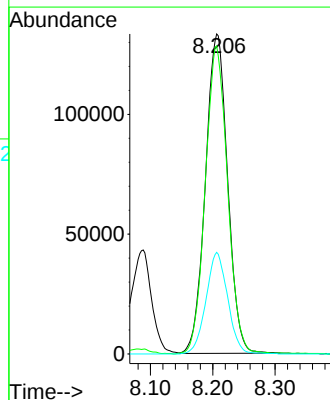
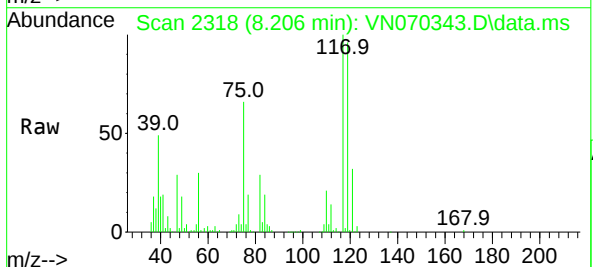
Instrument :  
MSVOA\_N  
ClientSampleId :

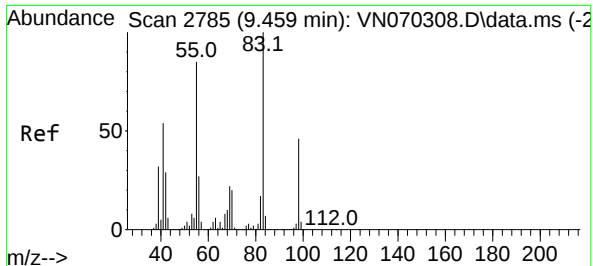
Tgt Ion: 43 Resp: 456942  
Ion Ratio Lower Upper  
43 100  
61 12.3 11.5 17.3  
70 8.4 7.9 11.9



#38  
Carbon Tetrachloride  
Concen: 21.668 ug/l  
RT: 8.206 min Scan# 2318  
Delta R.T. 0.000 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

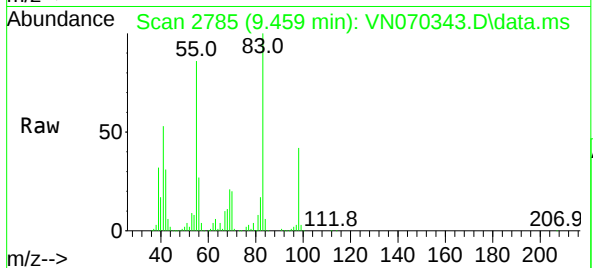
Tgt Ion: 117 Resp: 330285  
Ion Ratio Lower Upper  
117 100  
119 96.2 76.1 114.1  
121 31.8 24.2 36.2



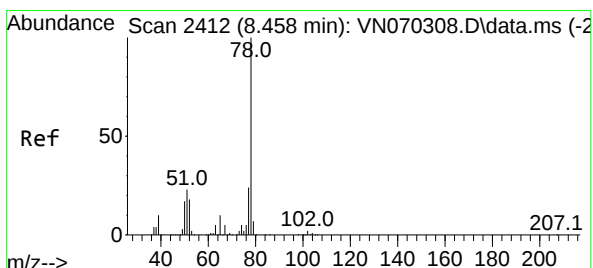
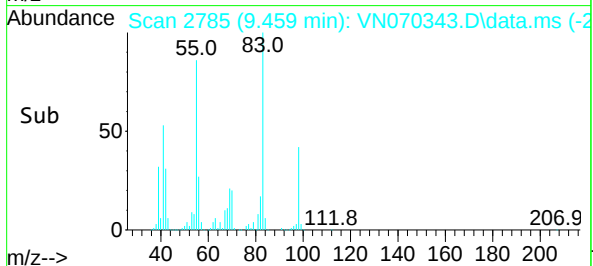
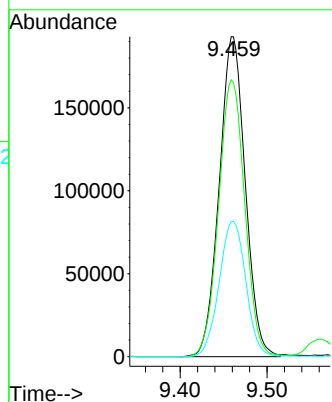


#39  
Methylcyclohexane  
Concen: 20.757 ug/l  
RT: 9.459 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

Instrument :  
MSVOA\_N  
ClientSampleId :

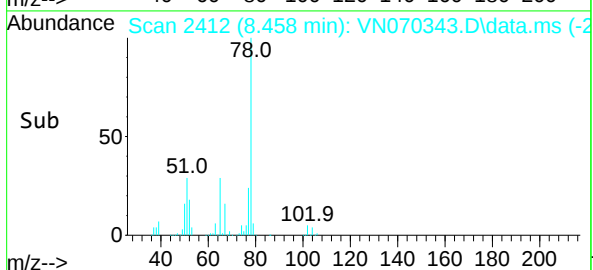
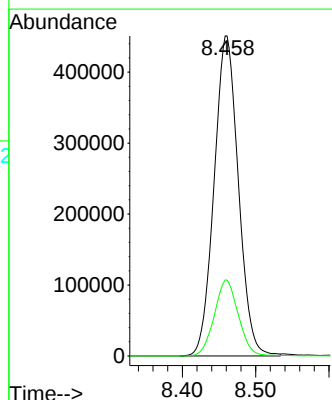
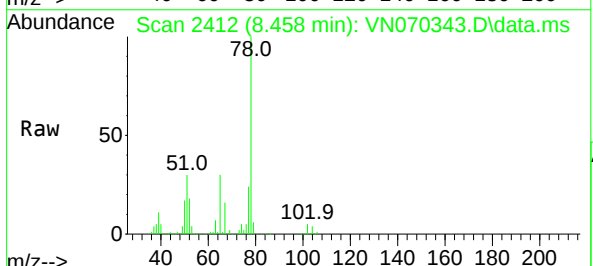


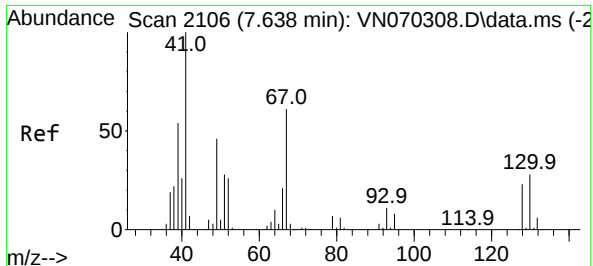
Tgt Ion: 83 Resp: 401145  
Ion Ratio Lower Upper  
83 100  
55 86.5 58.1 87.1  
98 42.2 38.4 57.6



#40  
Benzene  
Concen: 21.168 ug/l  
RT: 8.458 min Scan# 2412  
Delta R.T. 0.000 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

Tgt Ion: 78 Resp: 1035960  
Ion Ratio Lower Upper  
78 100  
77 23.8 18.6 27.8

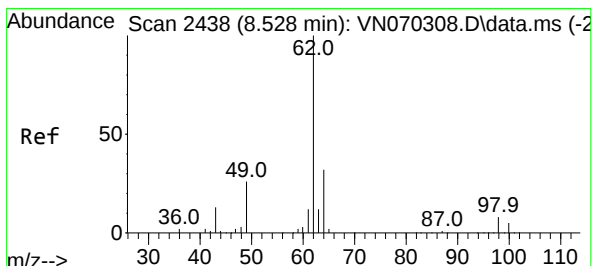
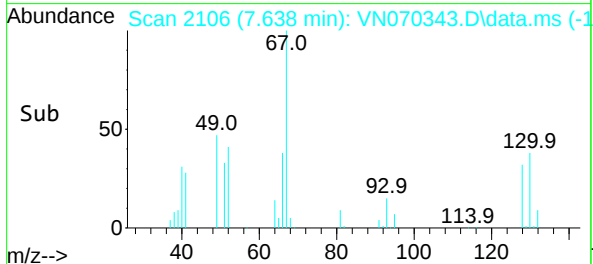
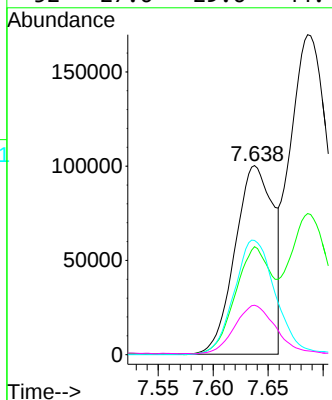
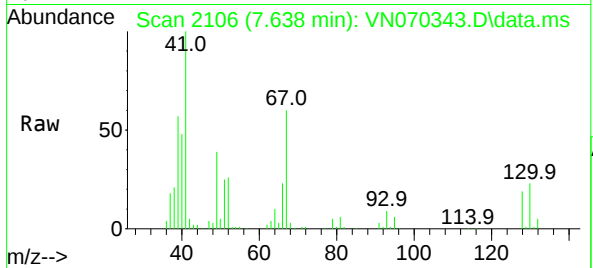




#41  
Methacrylonitrile  
Concen: 23.485 ug/l  
RT: 7.638 min Scan# 2106  
Delta R.T. -0.000 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

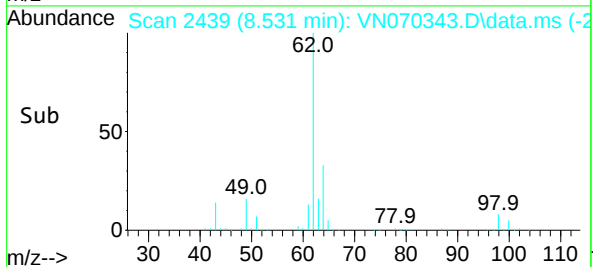
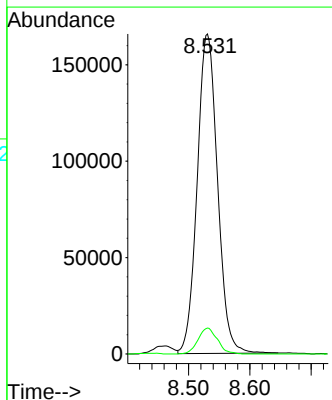
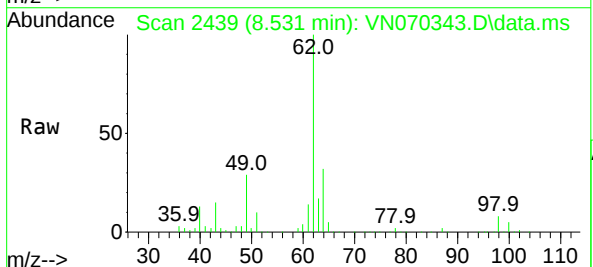
Instrument :  
MSVOA\_N  
ClientSampleId :

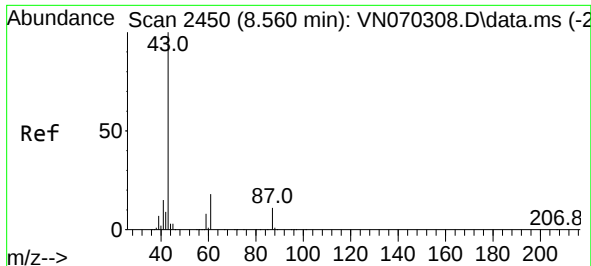
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 243065 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 55.6  | 48.1  | 72.1   |
| 67       | 66.0  | 68.3  | 102.5# |
| 52       | 27.6  | 29.6  | 44.4#  |



#42  
1,2-Dichloroethane  
Concen: 20.792 ug/l  
RT: 8.531 min Scan# 2439  
Delta R.T. 0.003 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

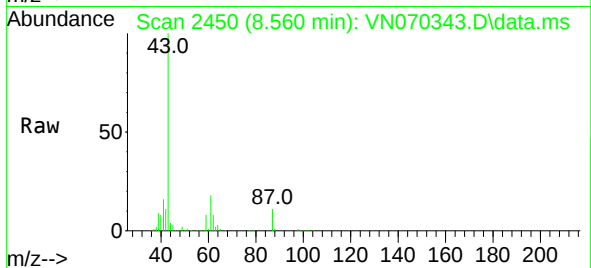
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 382475 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 7.7   | 0.0   | 17.6   |



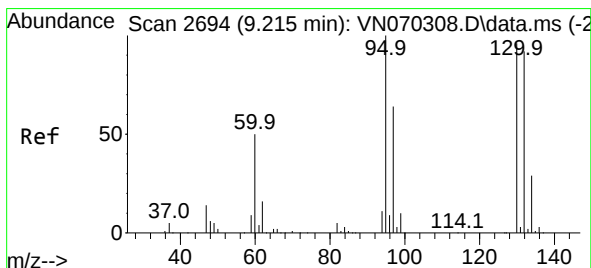
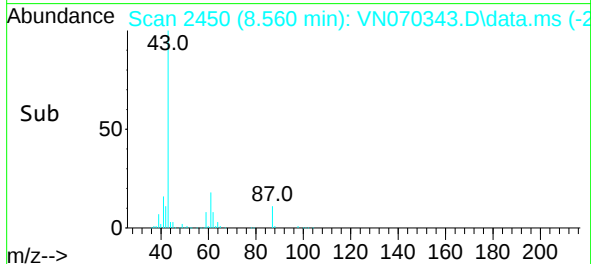
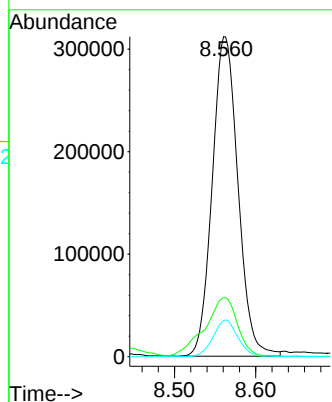


#43  
Isopropyl Acetate  
Concen: 21.044 ug/l  
RT: 8.560 min Scan# 2450  
Delta R.T. 0.000 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

Instrument :  
MSVOA\_N  
ClientSampleId :

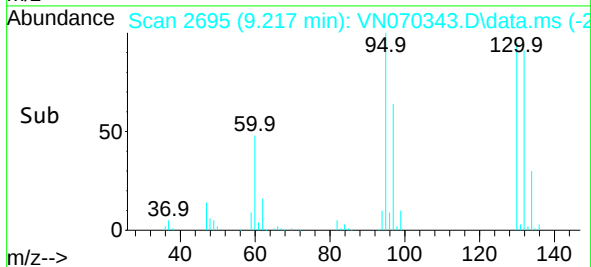
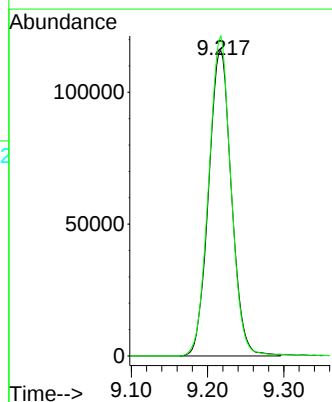
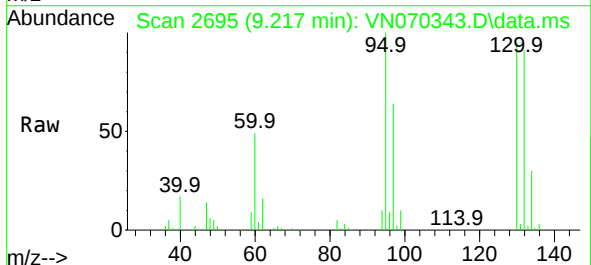


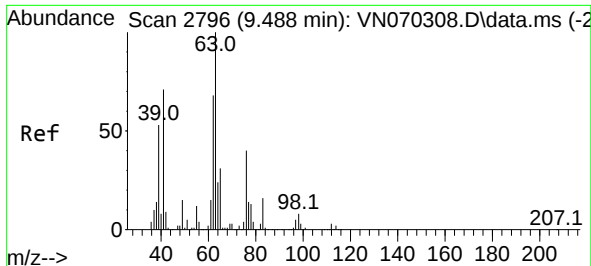
Tgt Ion: 43 Resp: 686531  
Ion Ratio Lower Upper  
43 100  
61 23.5 20.4 30.6  
87 11.0 11.2 16.8#



#44  
Trichloroethene  
Concen: 20.722 ug/l  
RT: 9.217 min Scan# 2695  
Delta R.T. 0.002 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

Tgt Ion:130 Resp: 240972  
Ion Ratio Lower Upper  
130 100  
95 104.8 0.0 191.2





#45

1,2-Dichloropropane

Concen: 21.372 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN070343.D

Acq: 29 Dec 2021 12:39

Instrument :

MSVOA\_N

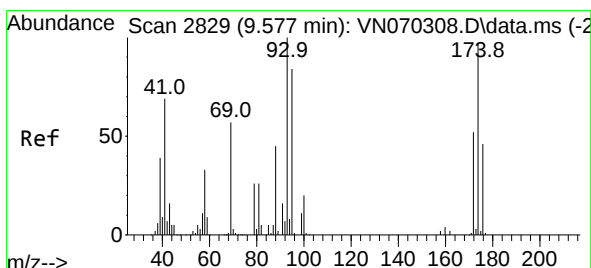
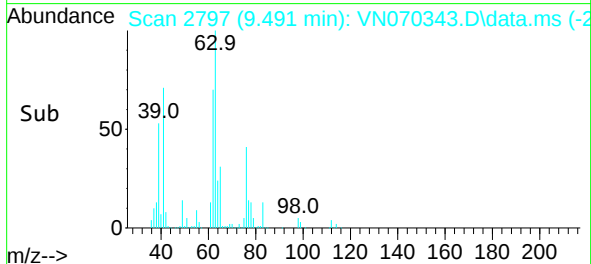
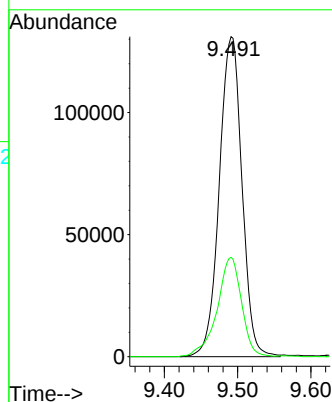
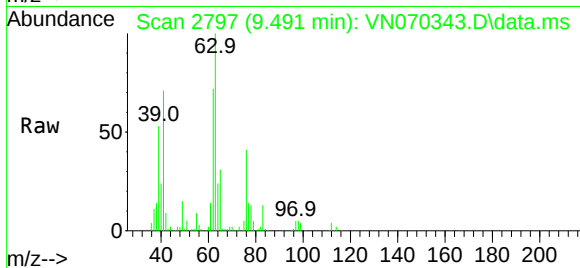
ClientSampleId :

Tgt Ion: 63 Resp: 281621

Ion Ratio Lower Upper

63 100

65 30.9 24.7 37.1



#46

Dibromomethane

Concen: 21.767 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN070343.D

Acq: 29 Dec 2021 12:39

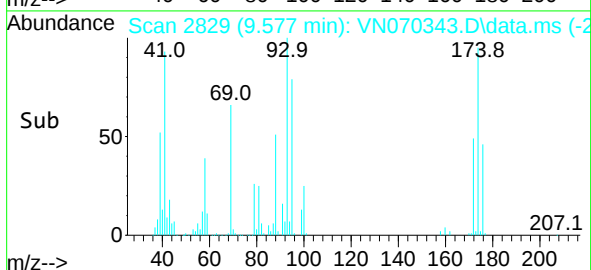
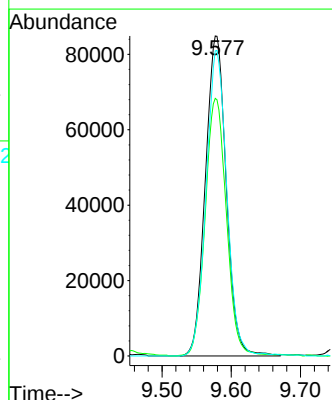
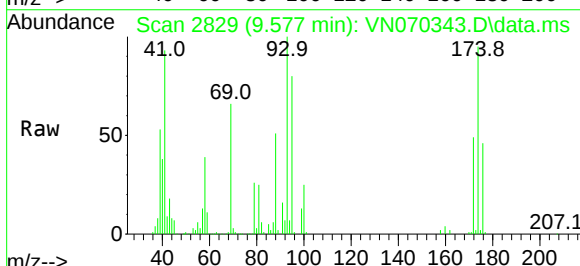
Tgt Ion: 93 Resp: 178353

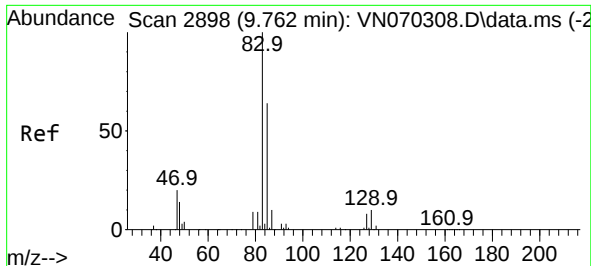
Ion Ratio Lower Upper

93 100

95 81.6 65.9 98.9

174 94.3 84.6 127.0

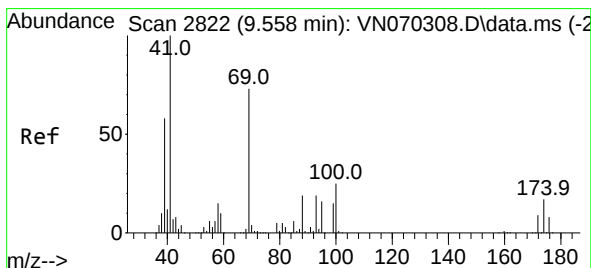
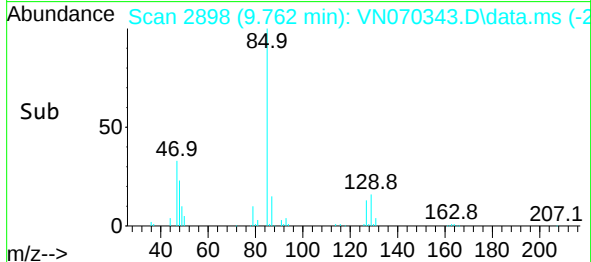
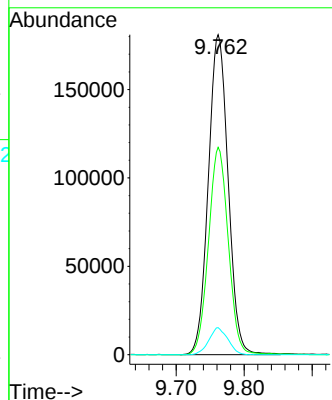
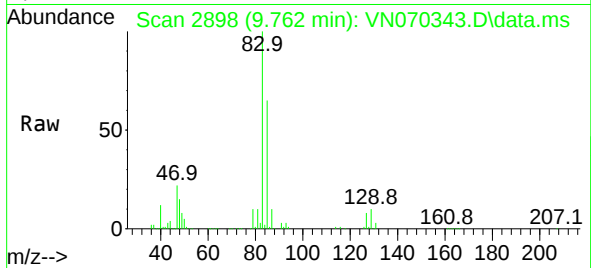




#47  
Bromodichloromethane  
Concen: 22.572 ug/l  
RT: 9.762 min Scan# 2898  
Delta R.T. -0.000 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

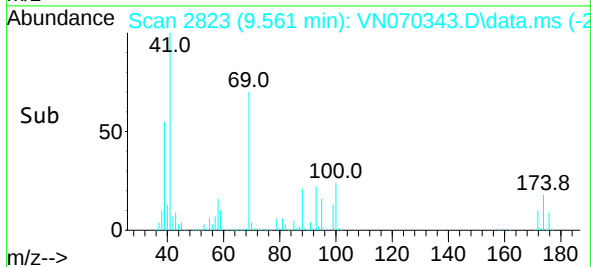
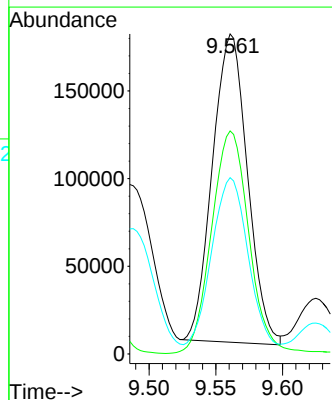
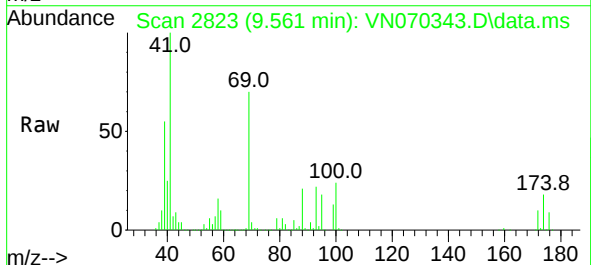
Instrument :  
MSVOA\_N  
ClientSampleId :

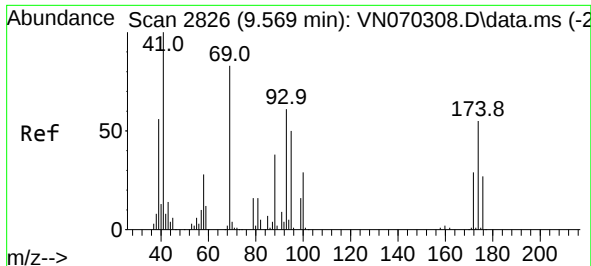
Tgt Ion: 83 Resp: 367242  
Ion Ratio Lower Upper  
83 100  
85 64.8 50.9 76.3  
127 8.4 7.1 10.7



#48  
Methyl methacrylate  
Concen: 20.643 ug/l  
RT: 9.561 min Scan# 2823  
Delta R.T. 0.003 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

Tgt Ion: 41 Resp: 321222  
Ion Ratio Lower Upper  
41 100  
69 77.3 72.4 108.6  
39 55.8 58.4 87.6#





#49

1,4-Dioxane

Concen: 469.859 ug/l

RT: 9.569 min Scan# 21

Delta R.T. -0.000 min

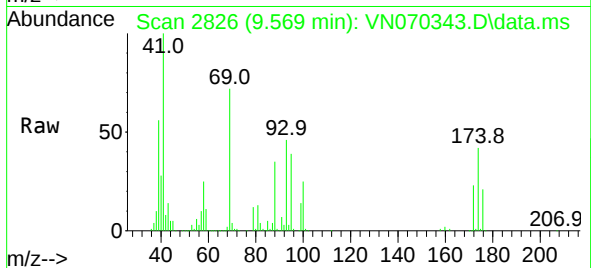
Lab File: VN070343.D

Acq: 29 Dec 2021 12:39

Instrument :

MSVOA\_N

ClientSampleId :



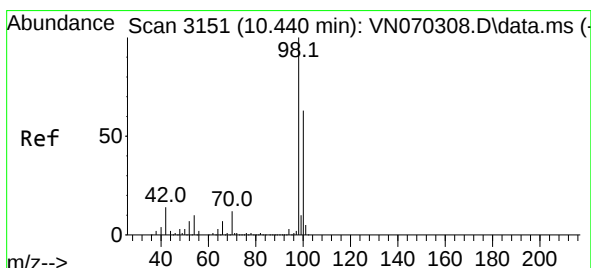
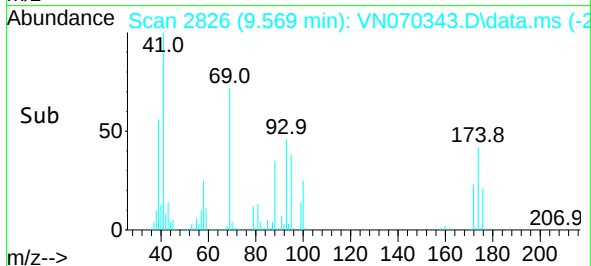
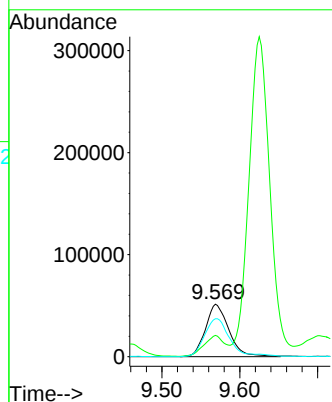
Tgt Ion: 88 Resp: 107026

Ion Ratio Lower Upper

88 100

43 35.6 23.4 35.2#

58 76.0 50.6 75.8#



#50

Toluene-d8

Concen: 57.431 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.003 min

Lab File: VN070343.D

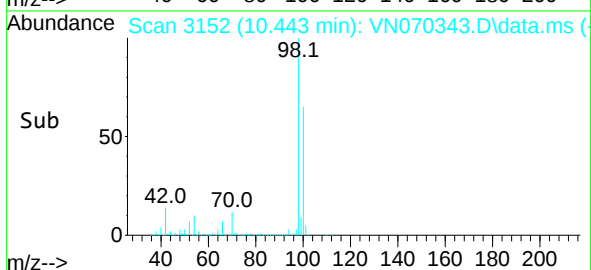
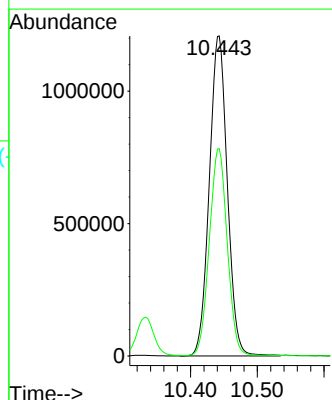
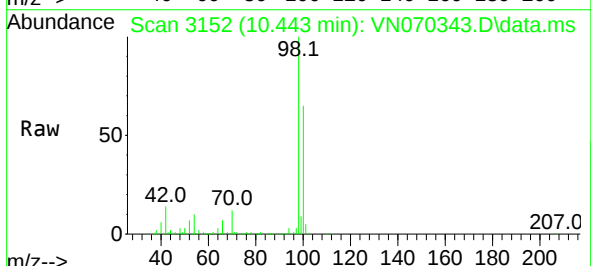
Acq: 29 Dec 2021 12:39

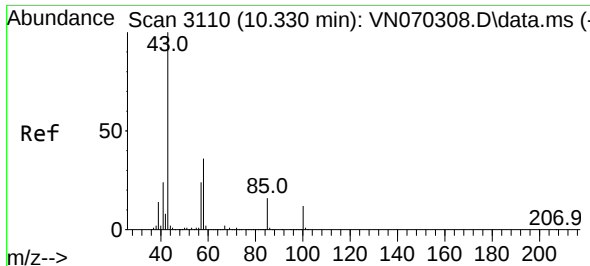
Tgt Ion: 98 Resp: 2263932

Ion Ratio Lower Upper

98 100

100 64.3 50.4 75.6

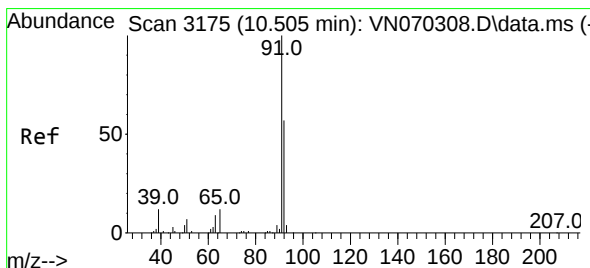
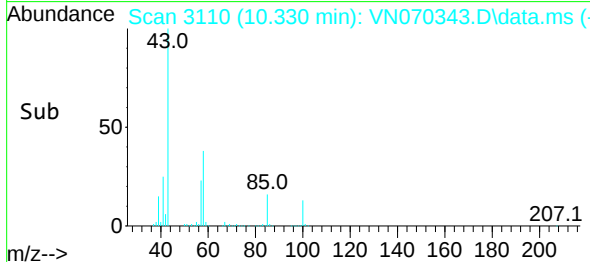
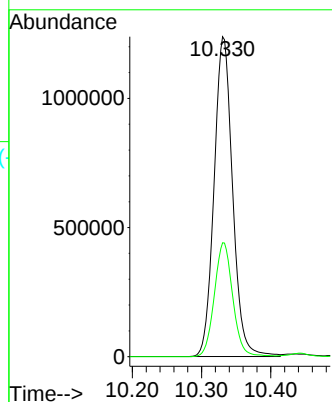
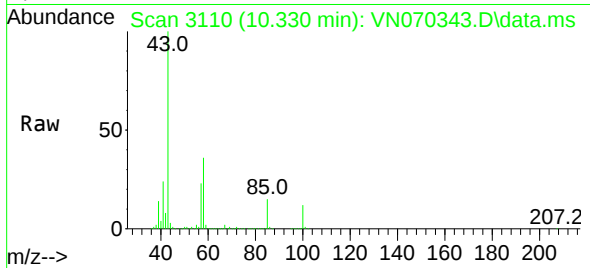




#51  
4-Methyl-2-Pentanone  
Concen: 112.405 ug/l  
RT: 10.330 min Scan# 3110  
Delta R.T. 0.000 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

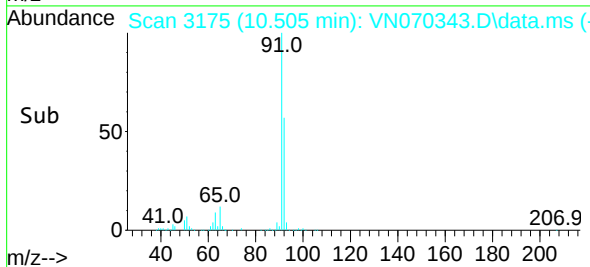
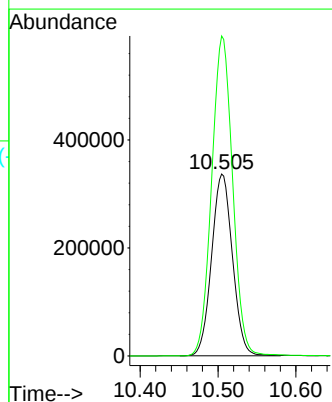
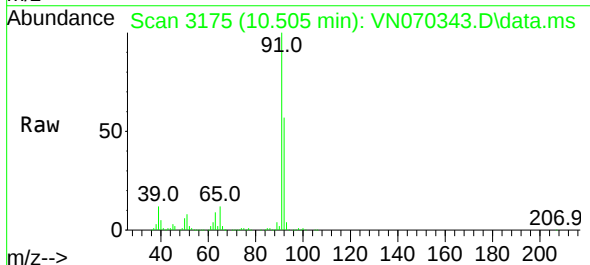
Instrument :  
MSVOA\_N  
ClientSampleId :

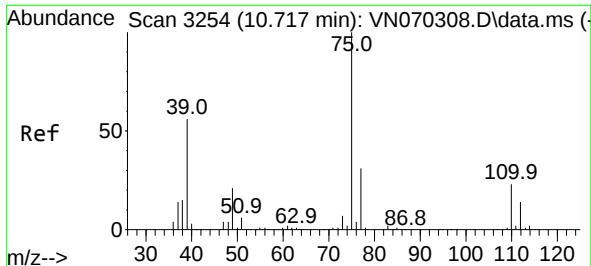
Tgt Ion: 43 Resp: 2304205  
Ion Ratio Lower Upper  
43 100  
58 35.4 30.4 45.6



#52  
Toluene  
Concen: 21.117 ug/l  
RT: 10.505 min Scan# 3175  
Delta R.T. -0.000 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

Tgt Ion: 92 Resp: 625551  
Ion Ratio Lower Upper  
92 100  
91 176.8 142.0 213.0

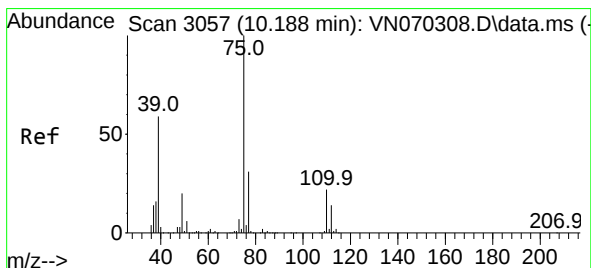
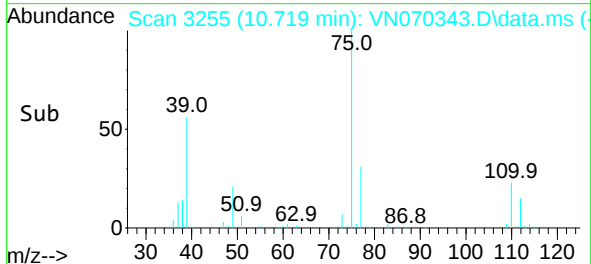
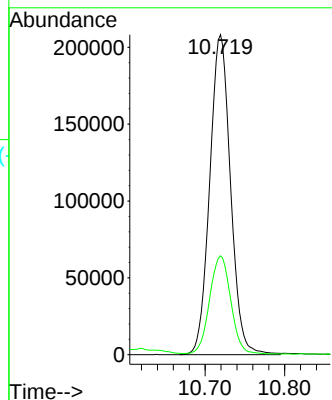
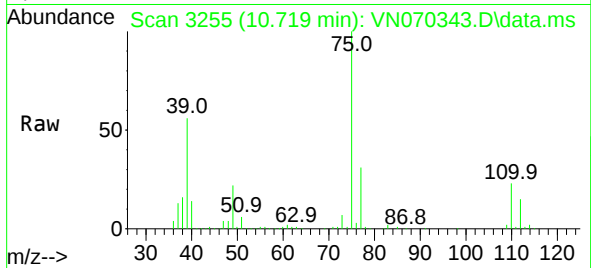




#53  
 t-1,3-Dichloropropene  
 Concen: 21.496 ug/l  
 RT: 10.719 min Scan# 31  
 Delta R.T. 0.002 min  
 Lab File: VN070343.D  
 Acq: 29 Dec 2021 12:39

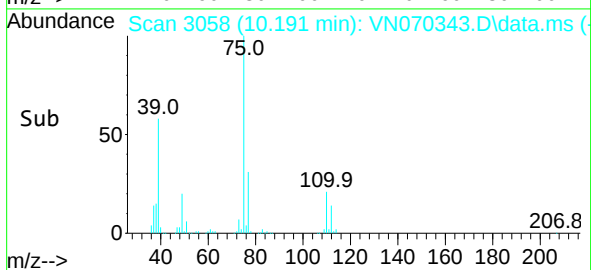
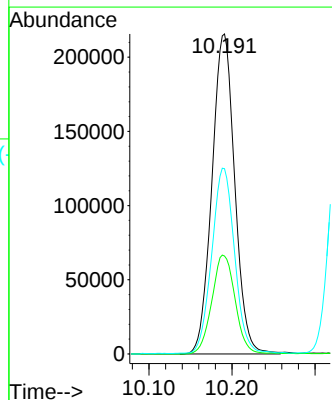
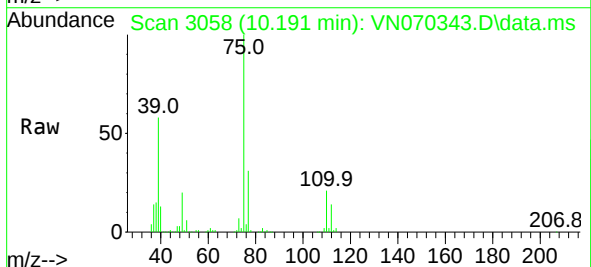
Instrument :  
 MSVOA\_N  
 ClientSampleId :

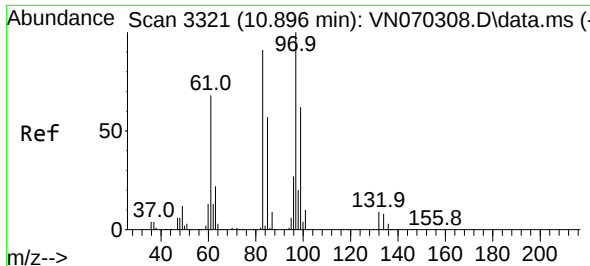
Tgt Ion: 75 Resp: 378608  
 Ion Ratio Lower Upper  
 75 100  
 77 30.7 25.6 38.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 21.601 ug/l  
 RT: 10.191 min Scan# 3058  
 Delta R.T. 0.003 min  
 Lab File: VN070343.D  
 Acq: 29 Dec 2021 12:39

Tgt Ion: 75 Resp: 411567  
 Ion Ratio Lower Upper  
 75 100  
 77 30.6 26.4 39.6  
 39 57.7 42.5 63.7

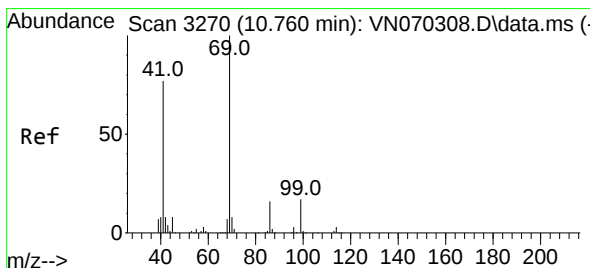
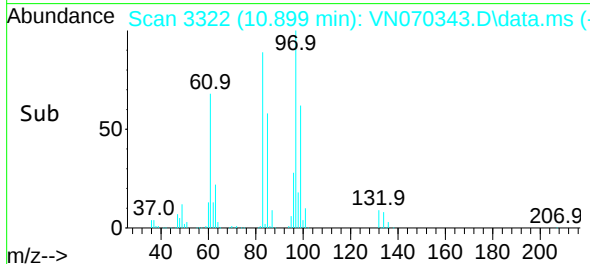
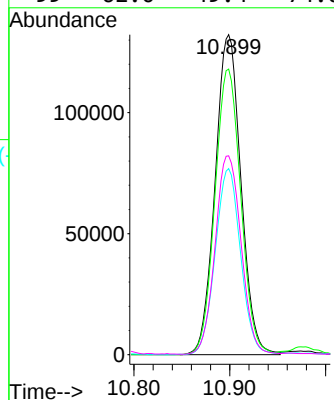
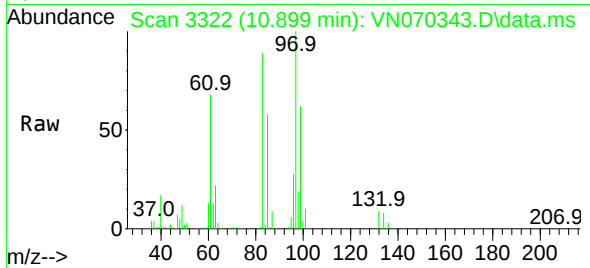




#55  
1,1,2-Trichloroethane  
Concen: 21.081 ug/l  
RT: 10.899 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

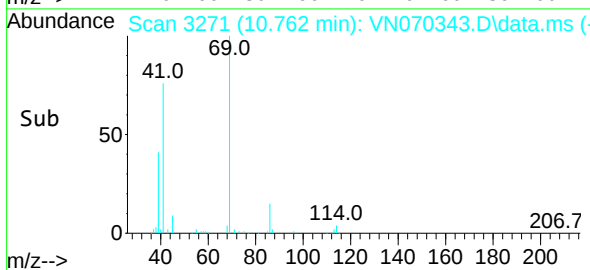
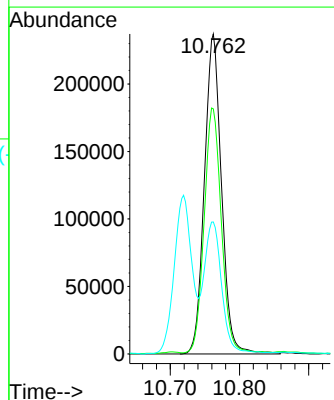
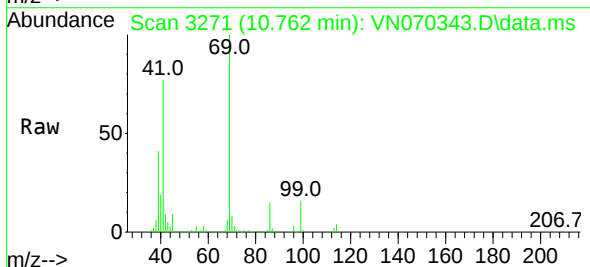
Instrument :  
MSVOA\_N  
ClientSampleId :

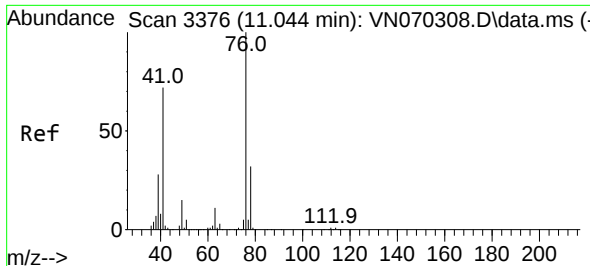
Tgt Ion: 97 Resp: 247088  
Ion Ratio Lower Upper  
97 100  
83 89.2 67.8 101.6  
85 58.0 45.4 68.2  
99 62.0 49.4 74.0



#56  
Ethyl methacrylate  
Concen: 21.023 ug/l  
RT: 10.762 min Scan# 3271  
Delta R.T. 0.002 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

Tgt Ion: 69 Resp: 407135  
Ion Ratio Lower Upper  
69 100  
41 76.9 51.4 77.0  
39 41.3 34.6 52.0





#57

1,3-Dichloropropane

Concen: 21.170 ug/l

RT: 11.044 min Scan# 3376

Delta R.T. -0.000 min

Lab File: VN070343.D

Acq: 29 Dec 2021 12:39

Instrument :

MSVOA\_N

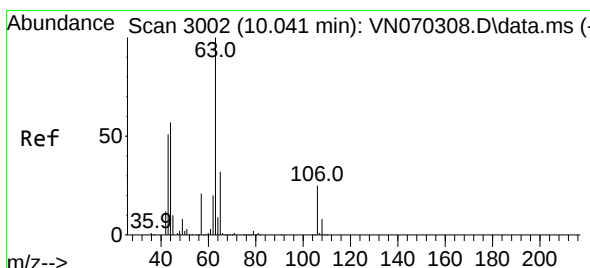
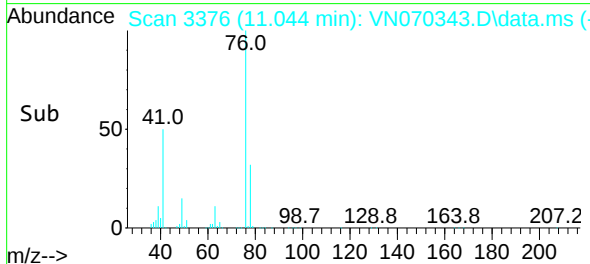
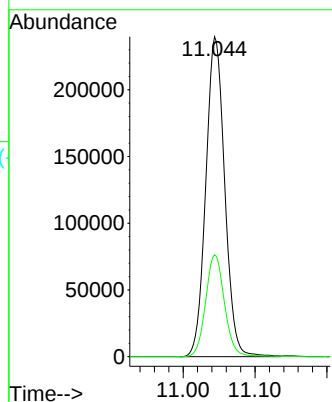
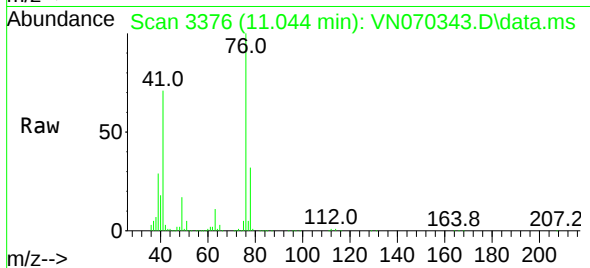
ClientSampleId :

Tgt Ion: 76 Resp: 438863

Ion Ratio Lower Upper

76 100

78 31.8 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 88.243 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.000 min

Lab File: VN070343.D

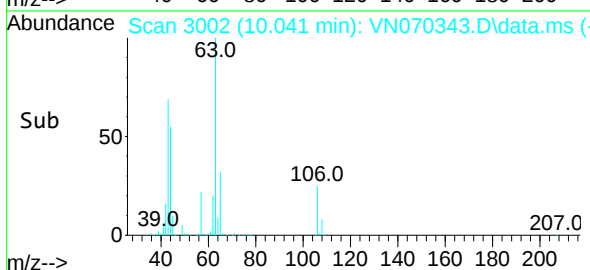
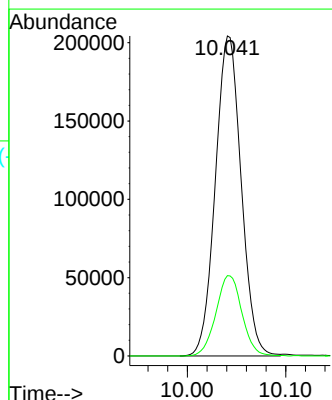
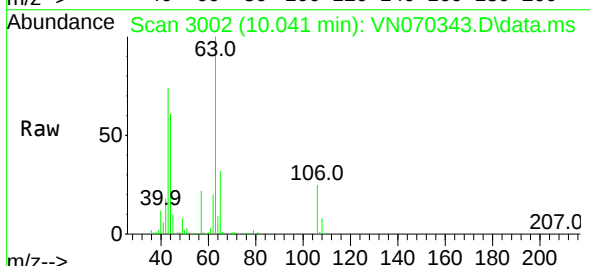
Acq: 29 Dec 2021 12:39

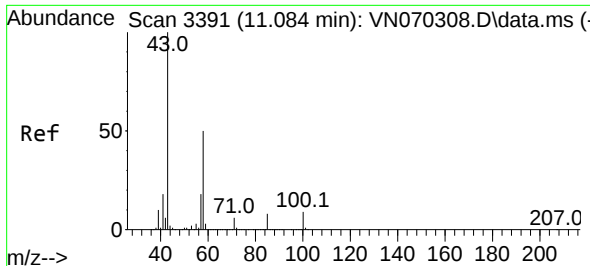
Tgt Ion: 63 Resp: 372525

Ion Ratio Lower Upper

63 100

106 25.3 23.9 35.9

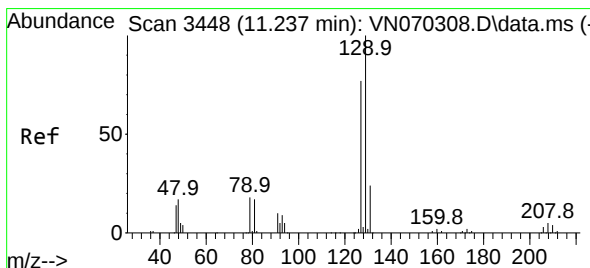
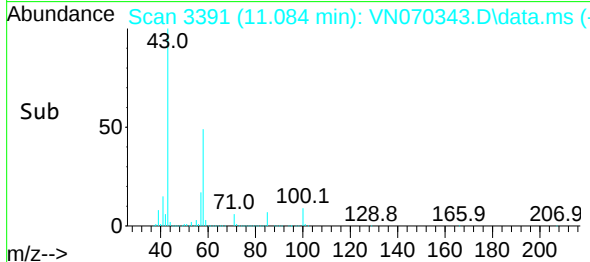
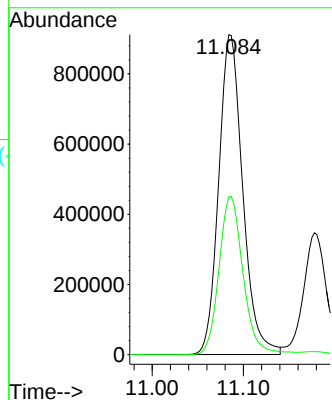
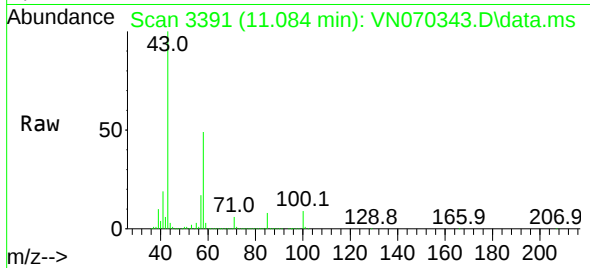




#59  
2-Hexanone  
Concen: 111.632 ug/l  
RT: 11.084 min Scan# 3391  
Delta R.T. -0.000 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

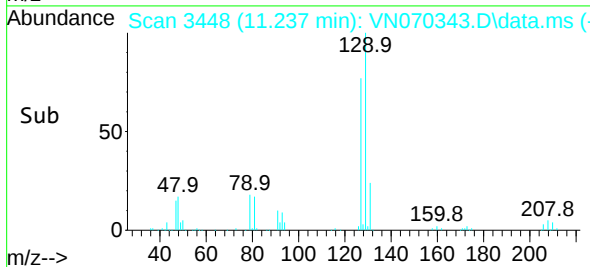
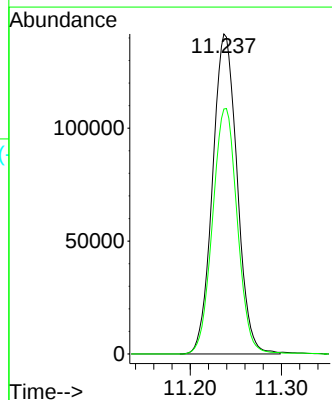
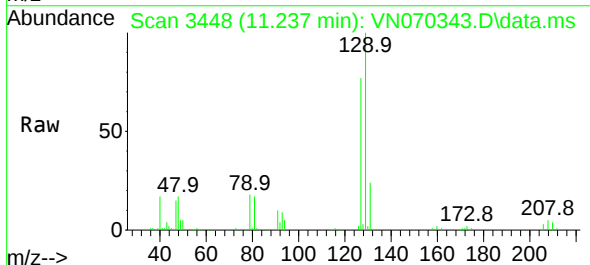
Instrument :  
MSVOA\_N  
ClientSampleId :

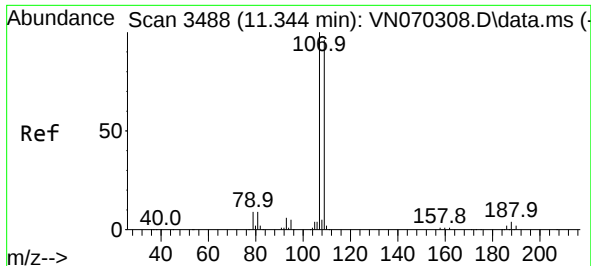
Tgt Ion: 43 Resp: 1668770  
Ion Ratio Lower Upper  
43 100  
58 49.8 26.9 80.7



#60  
Dibromochloromethane  
Concen: 23.193 ug/l  
RT: 11.237 min Scan# 3448  
Delta R.T. -0.000 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

Tgt Ion:129 Resp: 265227  
Ion Ratio Lower Upper  
129 100  
127 77.4 38.6 116.0

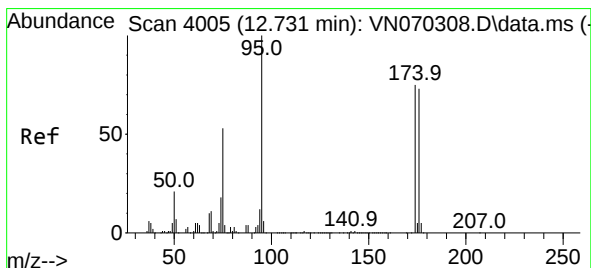
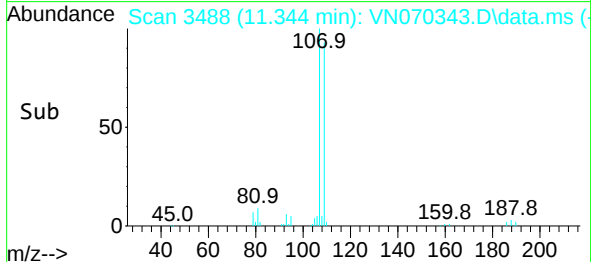
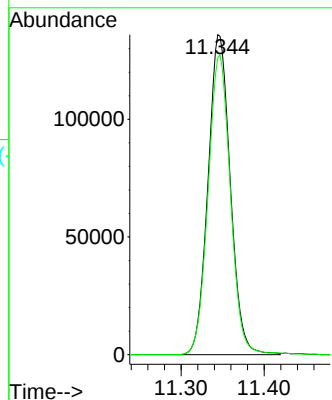
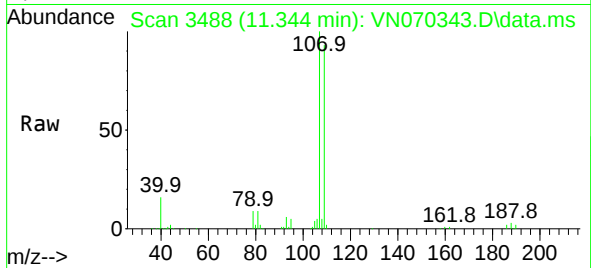




#61  
1,2-Dibromoethane  
Concen: 21.274 ug/l  
RT: 11.344 min Scan# 3488  
Delta R.T. 0.000 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

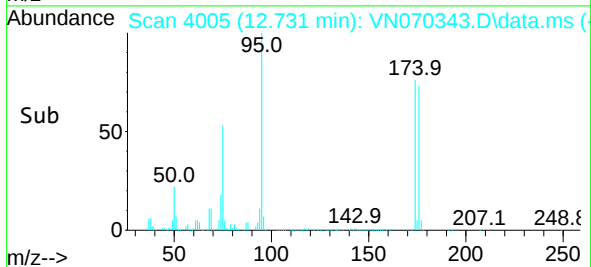
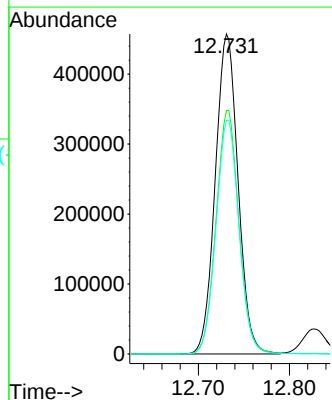
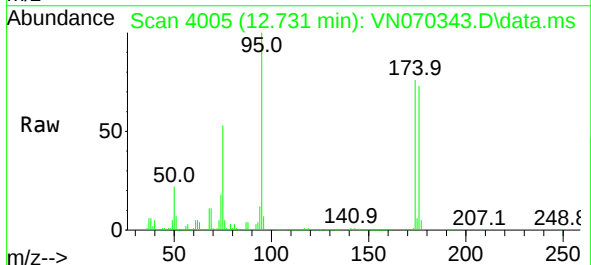
Instrument :  
MSVOA\_N  
ClientSampleId :

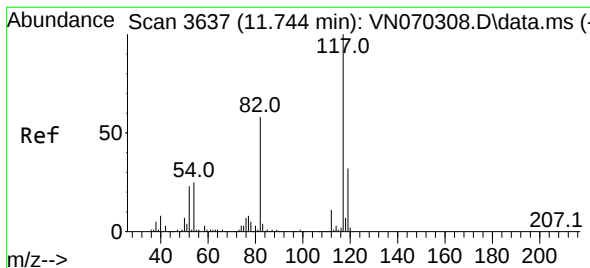
Tgt Ion:107 Resp: 253174  
Ion Ratio Lower Upper  
107 100  
109 93.5 75.7 113.5



#62  
4-Bromofluorobenzene  
Concen: 55.695 ug/l  
RT: 12.731 min Scan# 4005  
Delta R.T. -0.000 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

Tgt Ion: 95 Resp: 792977  
Ion Ratio Lower Upper  
95 100  
174 76.5 0.0 187.2  
176 73.8 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3637

Delta R.T. -0.000 min

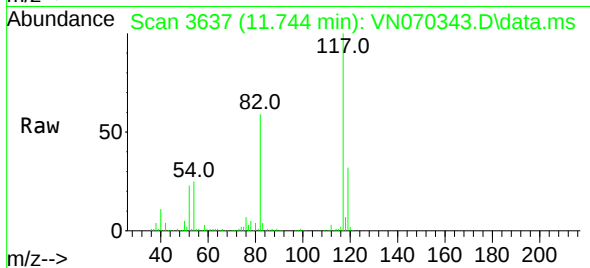
Lab File: VN070343.D

Acq: 29 Dec 2021 12:39

Instrument :

MSVOA\_N

ClientSampleId :



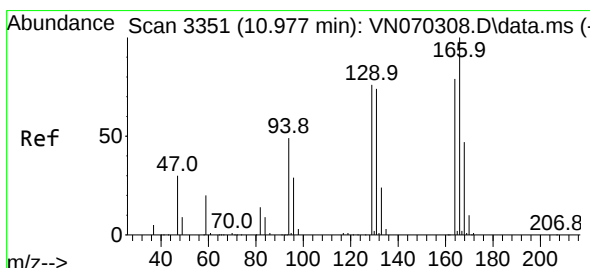
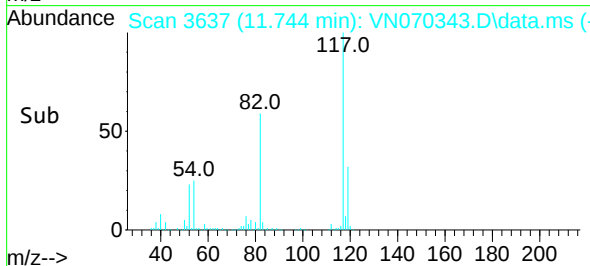
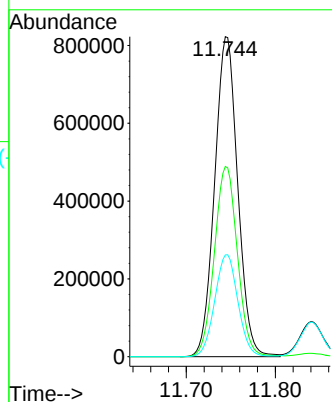
Tgt Ion:117 Resp: 1483179

Ion Ratio Lower Upper

117 100

82 59.5 42.4 63.6

119 31.8 25.4 38.2



#64

Tetrachloroethene

Concen: 20.246 ug/l

RT: 10.977 min Scan# 3351

Delta R.T. -0.000 min

Lab File: VN070343.D

Acq: 29 Dec 2021 12:39

Tgt Ion:164 Resp: 217448

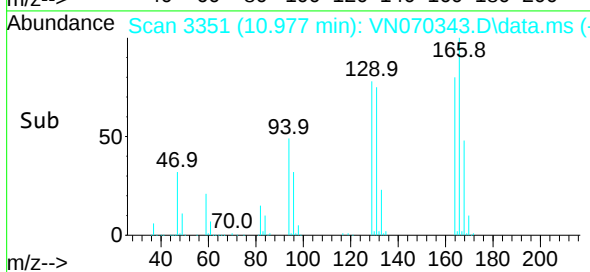
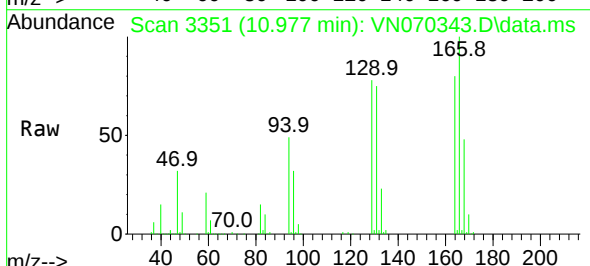
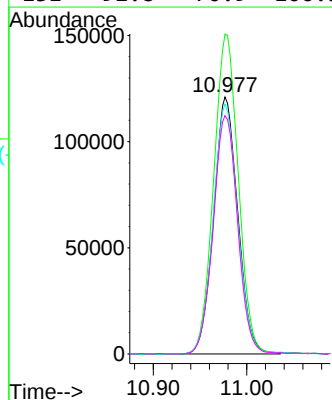
Ion Ratio Lower Upper

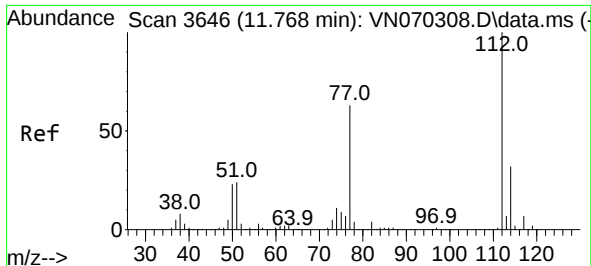
164 100

166 124.6 101.9 152.9

129 97.3 72.0 108.0

131 92.8 70.9 106.3

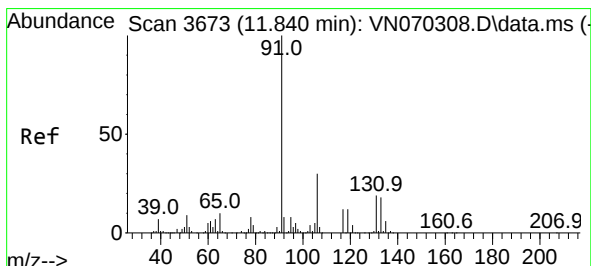
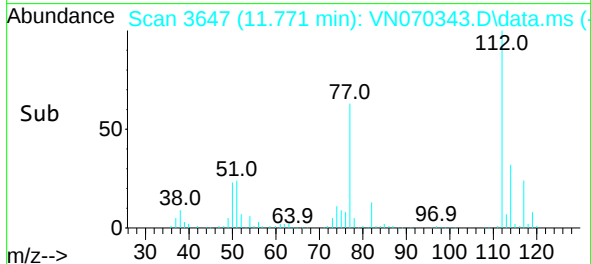
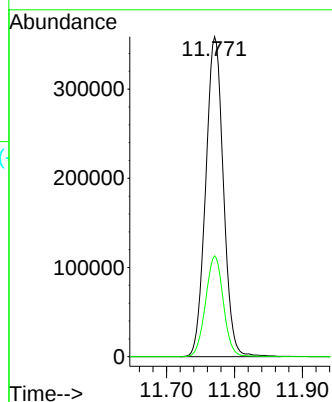
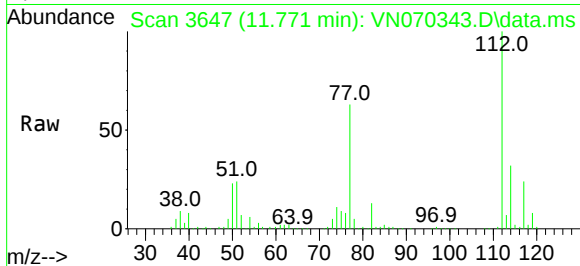




#65  
Chlorobenzene  
Concen: 20.628 ug/l  
RT: 11.771 min Scan# 3647  
Delta R.T. 0.003 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

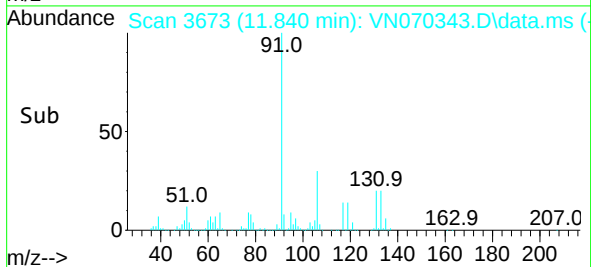
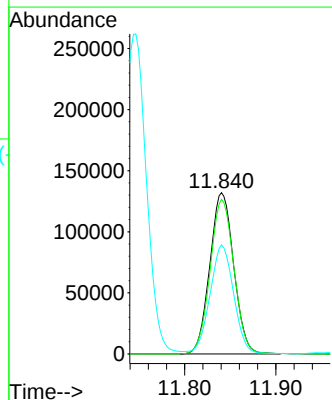
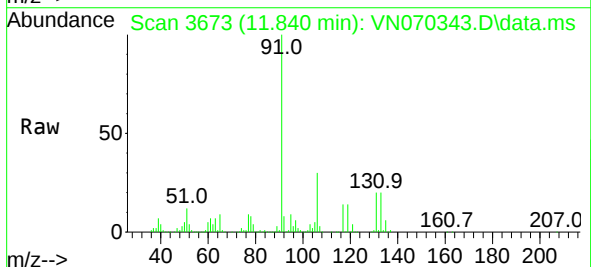
Instrument :  
MSVOA\_N  
ClientSampleId :

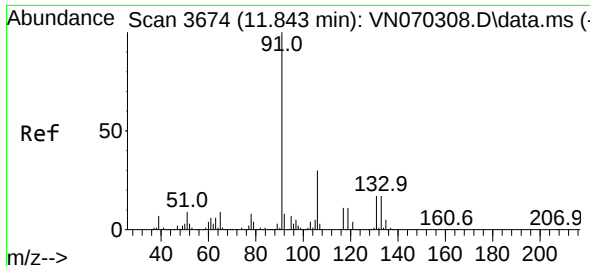
Tgt Ion:112 Resp: 649156  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.4 38.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.402 ug/l  
RT: 11.840 min Scan# 3673  
Delta R.T. 0.000 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

Tgt Ion:131 Resp: 240441  
Ion Ratio Lower Upper  
131 100  
133 95.8 47.9 143.7  
119 66.4 32.1 96.5

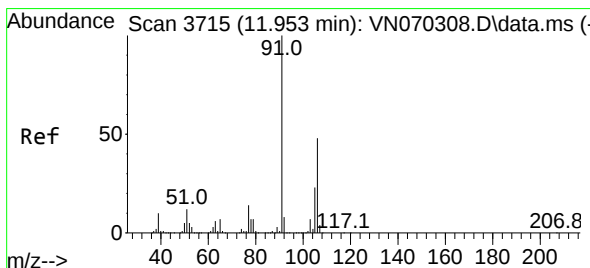
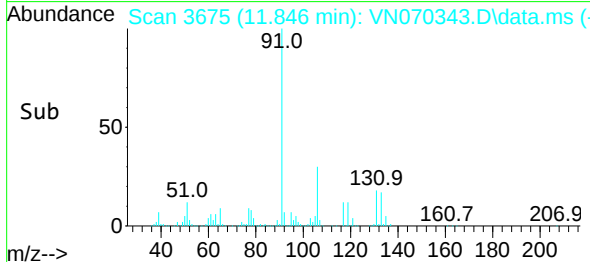
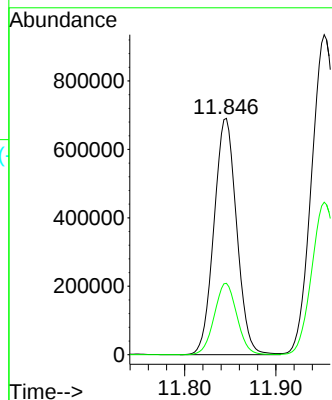
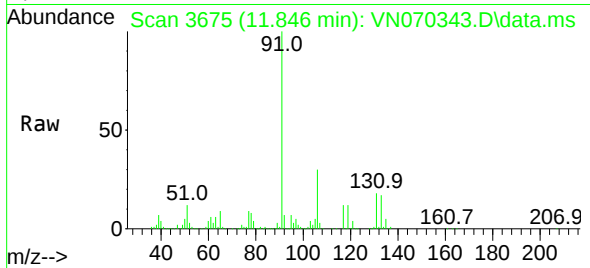




#67  
Ethyl Benzene  
Concen: 20.716 ug/l  
RT: 11.846 min Scan# 30  
Delta R.T. 0.003 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

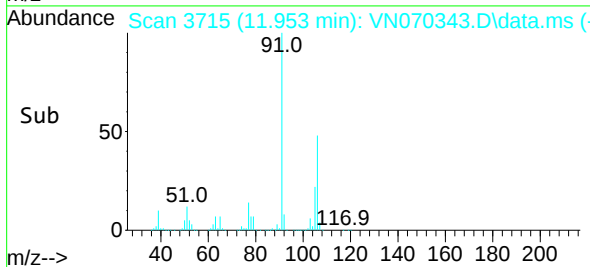
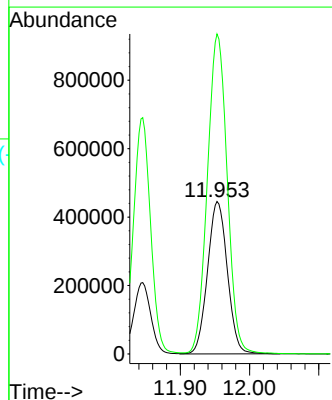
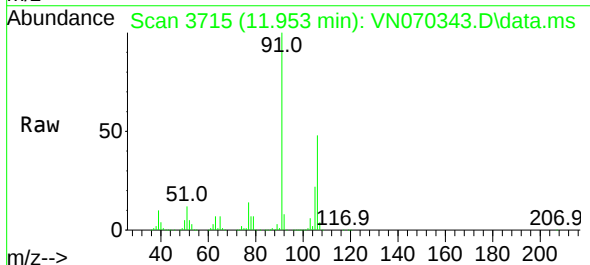
Instrument :  
MSVOA\_N  
ClientSampleId :

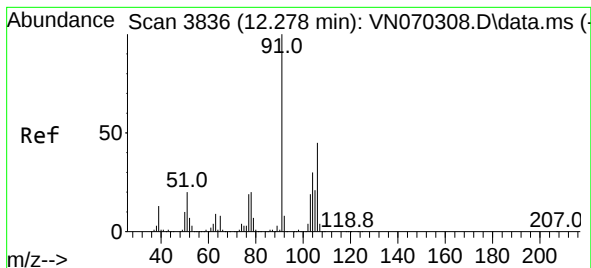
Tgt Ion: 91 Resp: 1194467  
Ion Ratio Lower Upper  
91 100  
106 30.2 25.7 38.5



#68  
m/p-Xylenes  
Concen: 42.136 ug/l  
RT: 11.953 min Scan# 3715  
Delta R.T. -0.000 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

Tgt Ion:106 Resp: 884368  
Ion Ratio Lower Upper  
106 100  
91 210.1 160.6 240.8





#69

o-Xylene

Concen: 20.464 ug/l

RT: 12.280 min Scan# 3837

Delta R.T. 0.002 min

Lab File: VN070343.D

Acq: 29 Dec 2021 12:39

Instrument :

MSVOA\_N

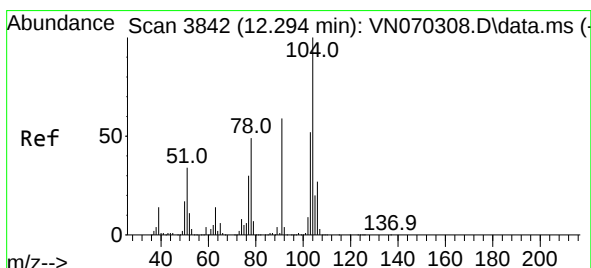
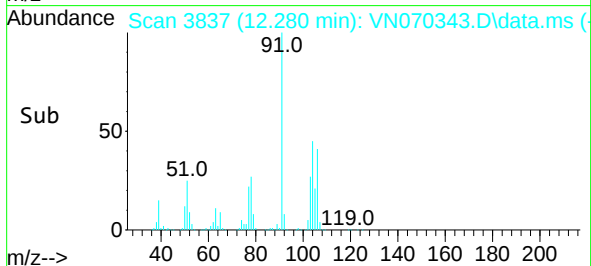
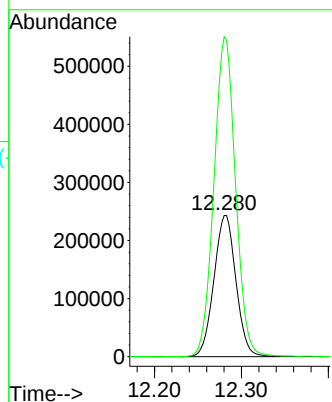
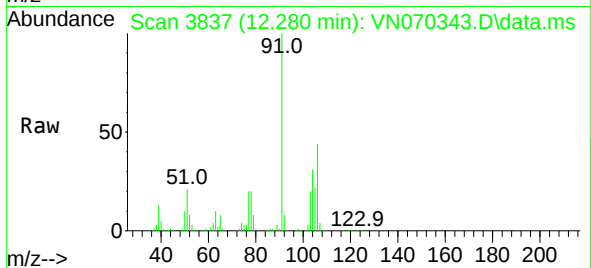
ClientSampleId :

Tgt Ion:106 Resp: 427211

Ion Ratio Lower Upper

106 100

91 222.7 105.8 317.3



#70

Styrene

Concen: 21.228 ug/l

RT: 12.294 min Scan# 3842

Delta R.T. -0.000 min

Lab File: VN070343.D

Acq: 29 Dec 2021 12:39

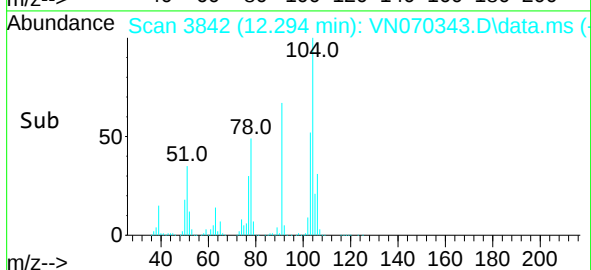
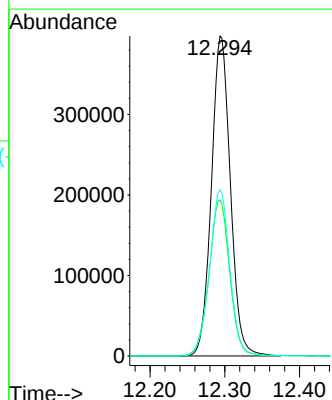
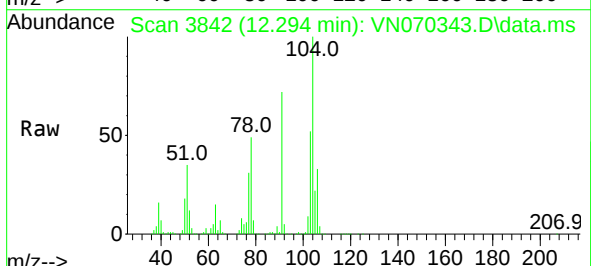
Tgt Ion:104 Resp: 701420

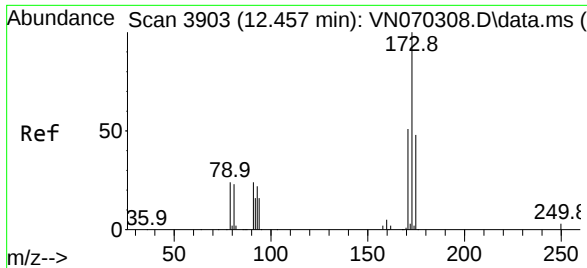
Ion Ratio Lower Upper

104 100

78 53.0 38.7 58.1

103 55.2 45.0 67.6

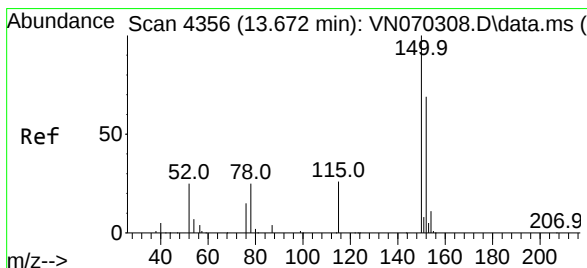
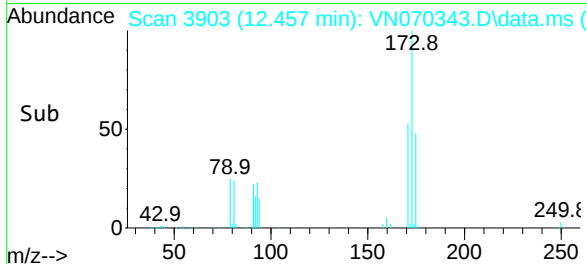
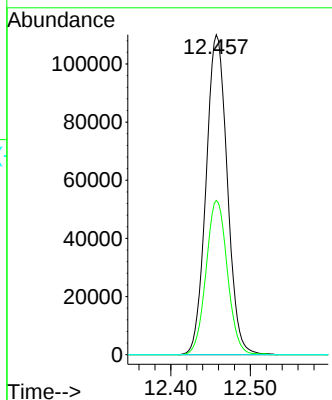
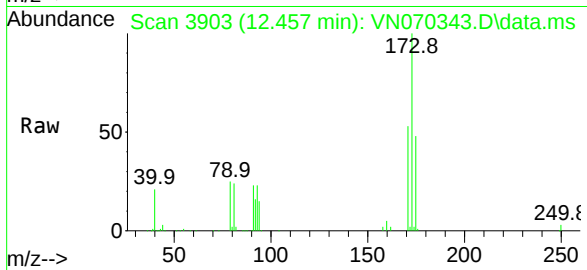




#71  
Bromoform  
Concen: 24.487 ug/l  
RT: 12.457 min Scan# 3903  
Delta R.T. 0.000 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

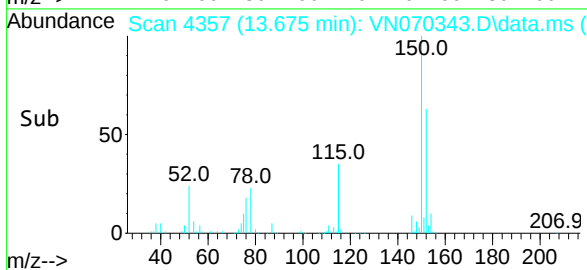
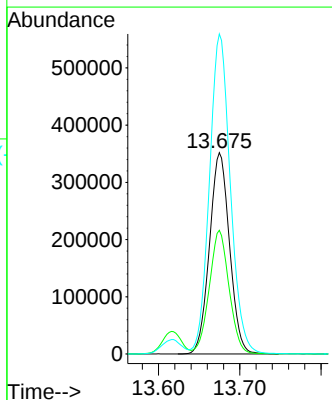
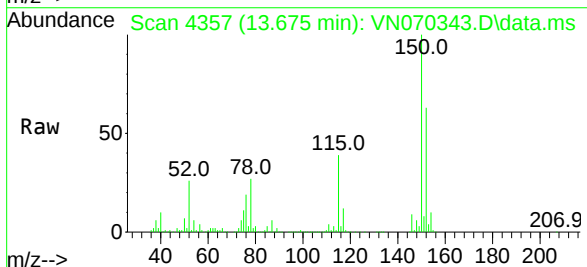
Instrument :  
MSVOA\_N  
ClientSampleId :

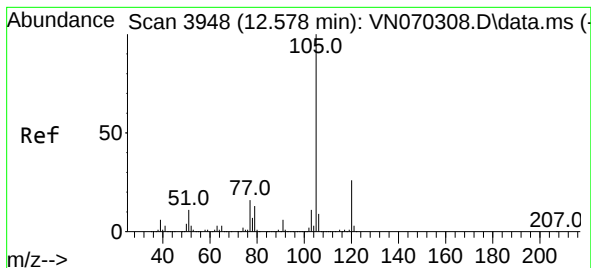
Tgt Ion:173 Resp: 204165  
Ion Ratio Lower Upper  
173 100  
175 48.5 24.2 72.6  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.675 min Scan# 4357  
Delta R.T. 0.003 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

Tgt Ion:152 Resp: 604257  
Ion Ratio Lower Upper  
152 100  
115 60.3 27.5 82.5  
150 165.3 0.0 344.4





#73

Isopropylbenzene

Concen: 20.047 ug/l

RT: 12.578 min Scan# 3948

Delta R.T. -0.000 min

Lab File: VN070343.D

Acq: 29 Dec 2021 12:39

Instrument :

MSVOA\_N

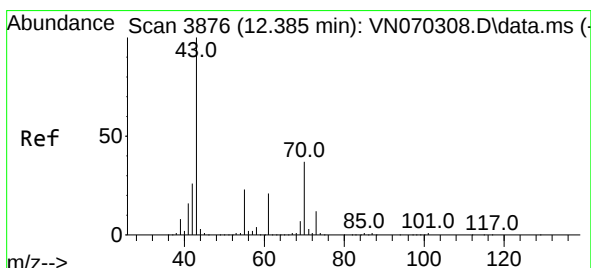
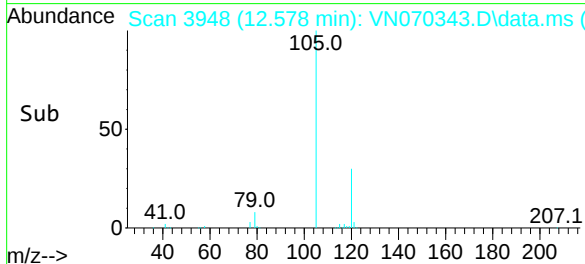
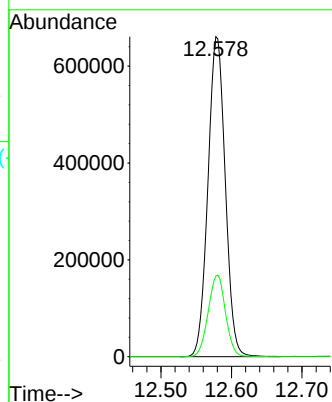
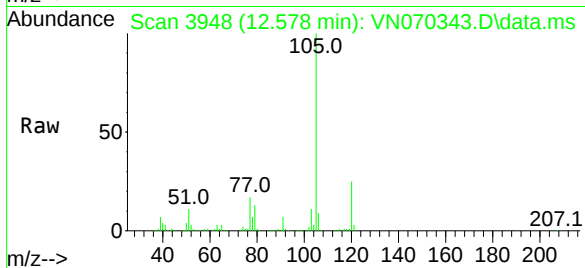
ClientSampleId :

Tgt Ion:105 Resp: 1124892

Ion Ratio Lower Upper

105 100

120 25.5 13.4 40.1



#74

N-ethyl acetate

Concen: 19.179 ug/l

RT: 12.390 min Scan# 3878

Delta R.T. 0.005 min

Lab File: VN070343.D

Acq: 29 Dec 2021 12:39

Tgt Ion: 43 Resp: 452514

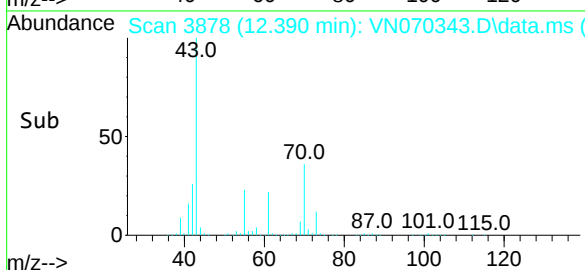
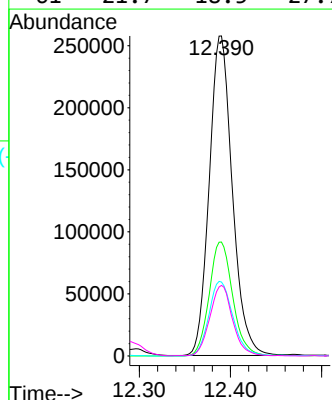
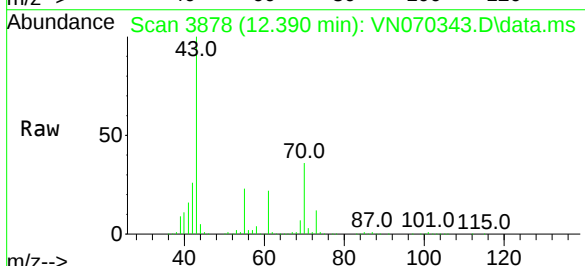
Ion Ratio Lower Upper

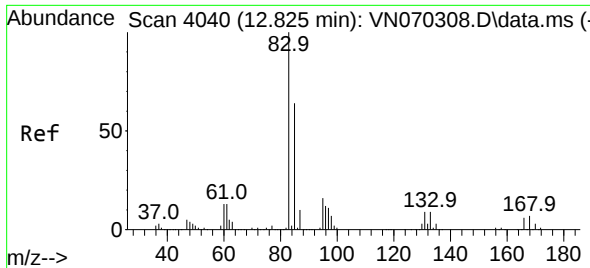
43 100

70 36.3 33.4 50.0

55 24.3 19.3 28.9

61 21.7 18.5 27.7

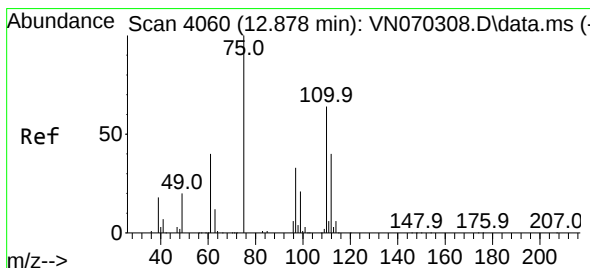
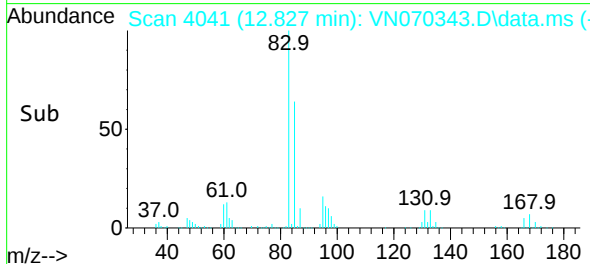
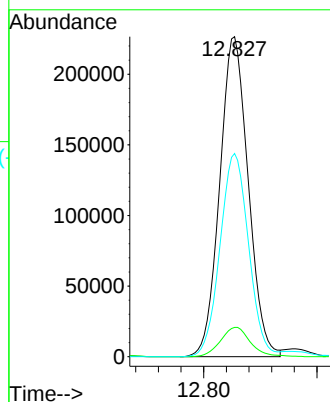
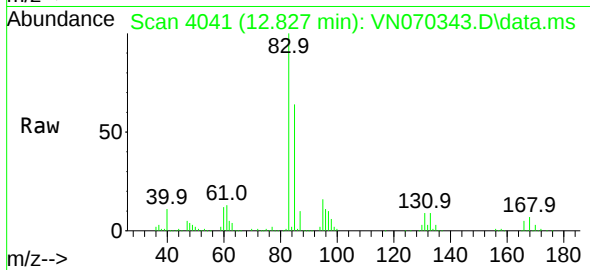




#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.464 ug/l  
RT: 12.827 min Scan# 4040  
Delta R.T. 0.002 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

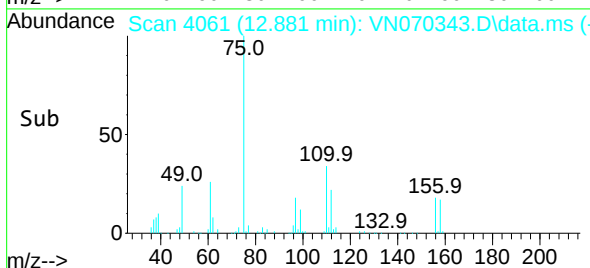
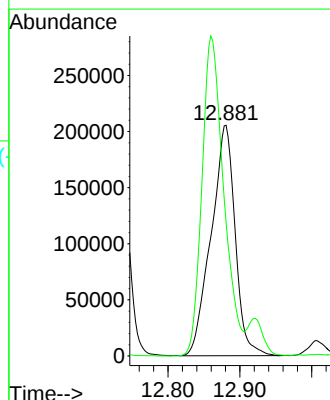
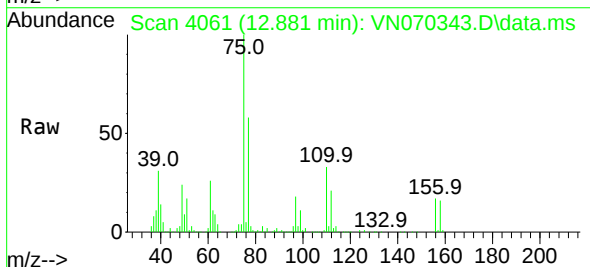
Instrument :  
MSVOA\_N  
ClientSampleId :

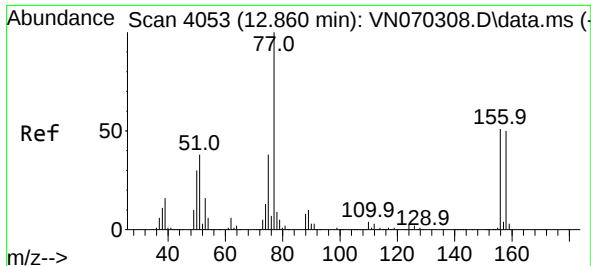
Tgt Ion: 83 Resp: 395632  
Ion Ratio Lower Upper  
83 100  
131 9.6 5.5 16.5  
85 63.6 32.4 97.2



#76  
1,2,3-Trichloropropane  
Concen: 27.929 ug/l  
RT: 12.881 min Scan# 4061  
Delta R.T. 0.003 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

Tgt Ion: 75 Resp: 476777  
Ion Ratio Lower Upper  
75 100  
77 0.0 82.6 247.8#

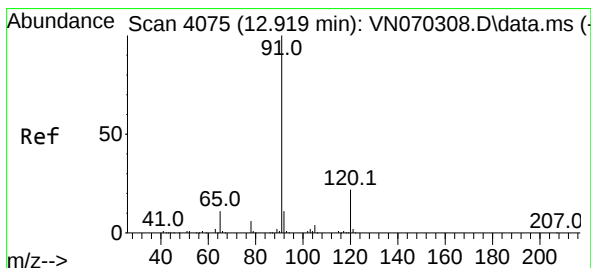
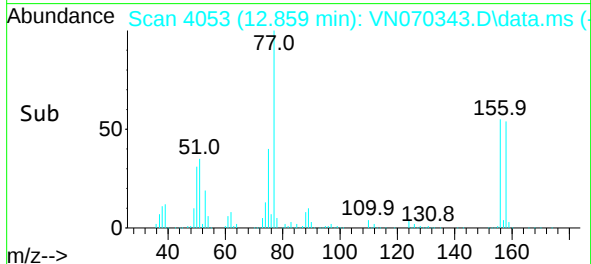
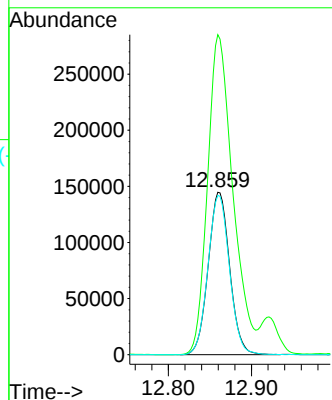
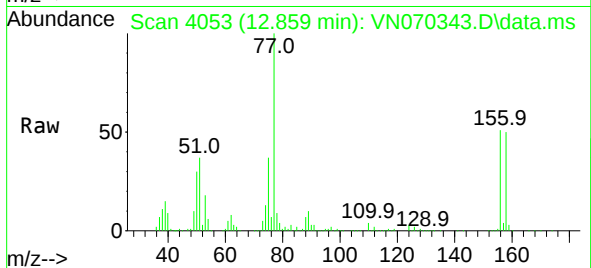




#77  
Bromobenzene  
Concen: 20.164 ug/l  
RT: 12.859 min Scan# 4053  
Delta R.T. -0.001 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

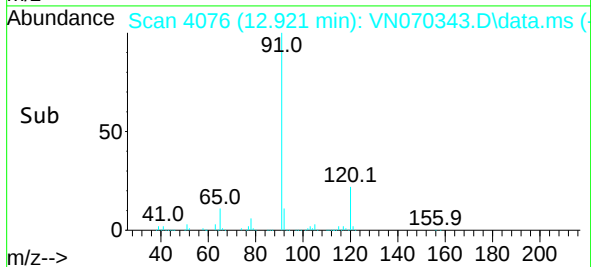
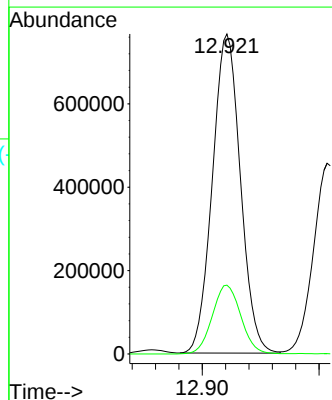
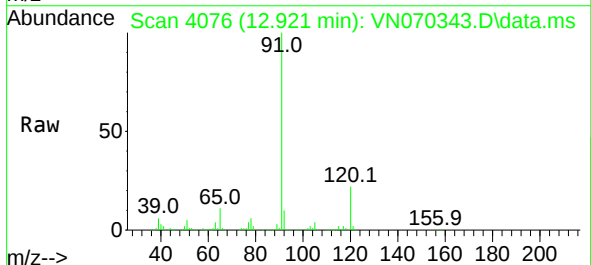
Instrument :  
MSVOA\_N  
ClientSampleId :

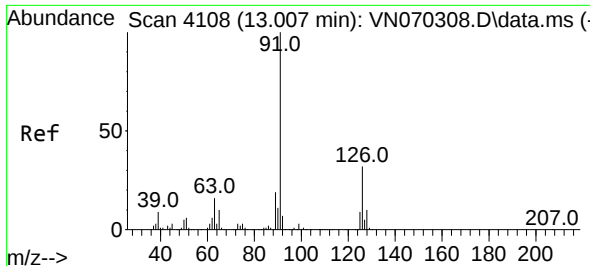
Tgt Ion:156 Resp: 259774  
Ion Ratio Lower Upper  
156 100  
77 231.0 90.6 271.8  
158 98.4 48.9 146.7



#78  
n-propylbenzene  
Concen: 20.497 ug/l  
RT: 12.921 min Scan# 4076  
Delta R.T. 0.002 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

Tgt Ion: 91 Resp: 1274393  
Ion Ratio Lower Upper  
91 100  
120 22.0 11.9 35.9

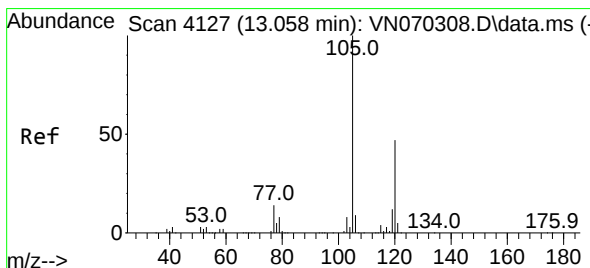
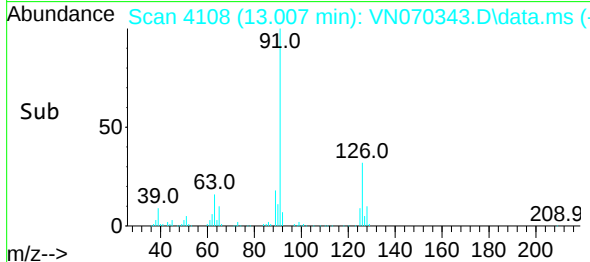
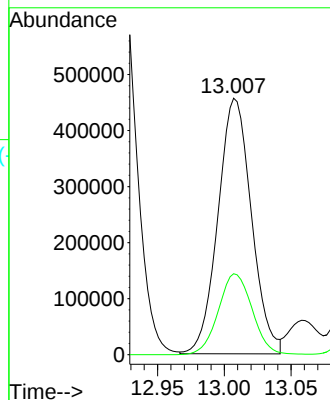
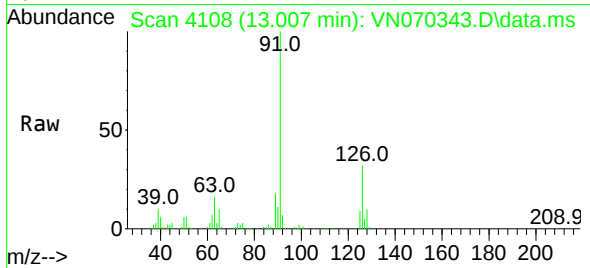




#79  
2-Chlorotoluene  
Concen: 19.964 ug/l  
RT: 13.007 min Scan# 4108  
Delta R.T. -0.000 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

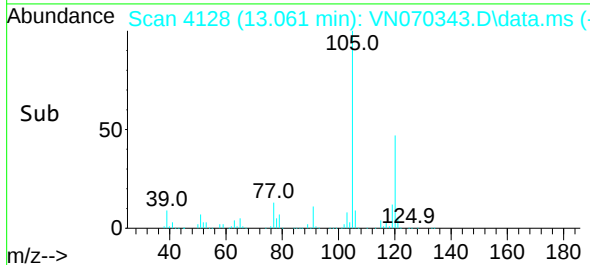
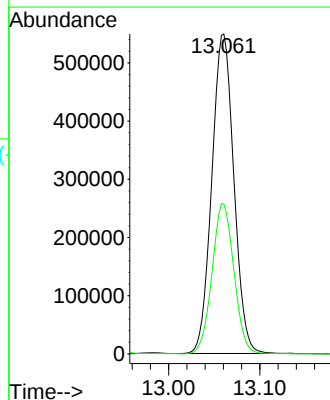
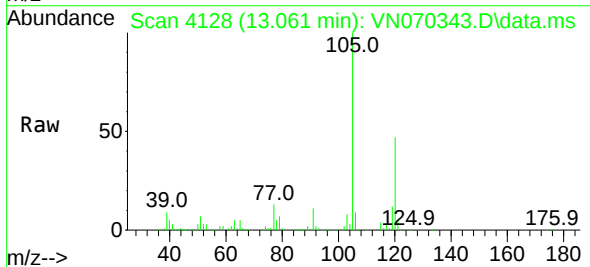
Instrument :  
MSVOA\_N  
ClientSampleId :

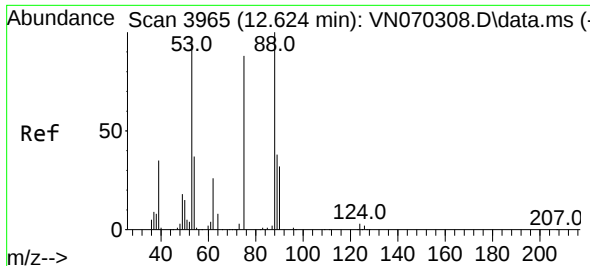
Tgt Ion: 91 Resp: 796429  
Ion Ratio Lower Upper  
91 100  
126 32.1 18.3 54.8



#80  
1,3,5-Trimethylbenzene  
Concen: 20.486 ug/l  
RT: 13.061 min Scan# 4128  
Delta R.T. 0.003 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

Tgt Ion: 105 Resp: 921199  
Ion Ratio Lower Upper  
105 100  
120 47.0 24.6 73.6

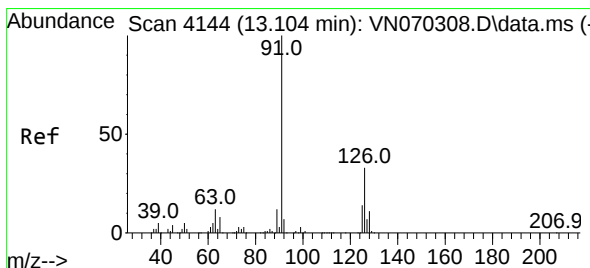
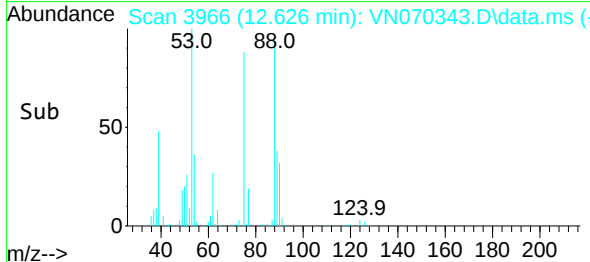
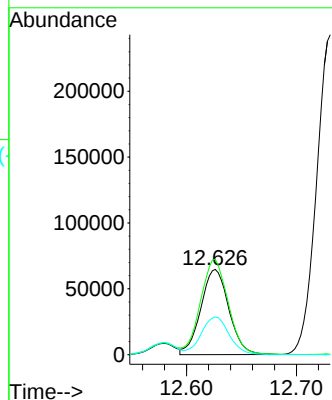
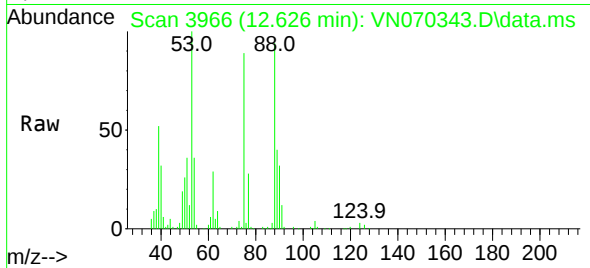




#81  
trans-1,4-Dichloro-2-butene  
Concen: 23.134 ug/l  
RT: 12.626 min Scan# 3965  
Delta R.T. 0.002 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

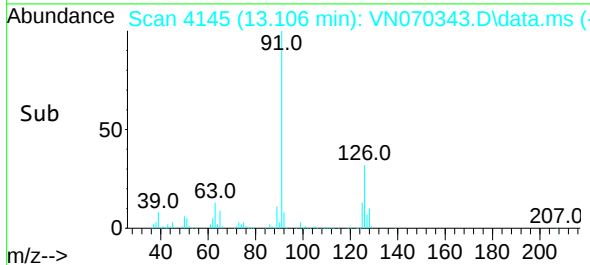
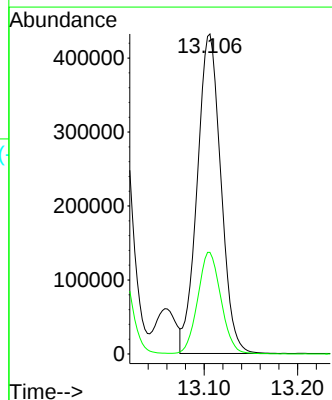
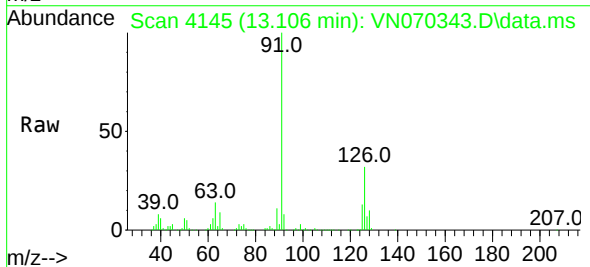
Instrument :  
MSVOA\_N  
ClientSampleId :

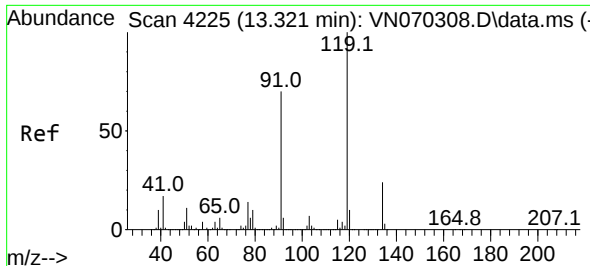
Tgt Ion: 75 Resp: 114415  
Ion Ratio Lower Upper  
75 100  
53 110.9 90.5 135.7  
89 44.5 38.2 57.4



#82  
4-Chlorotoluene  
Concen: 20.285 ug/l  
RT: 13.106 min Scan# 4145  
Delta R.T. 0.002 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

Tgt Ion: 91 Resp: 758001  
Ion Ratio Lower Upper  
91 100  
126 31.4 18.2 54.6

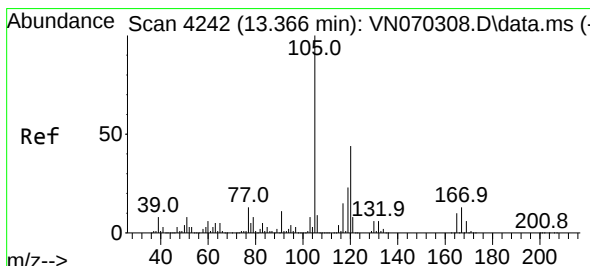
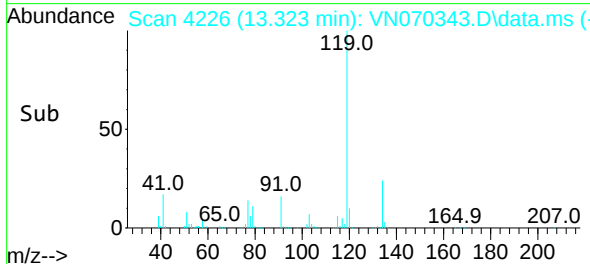
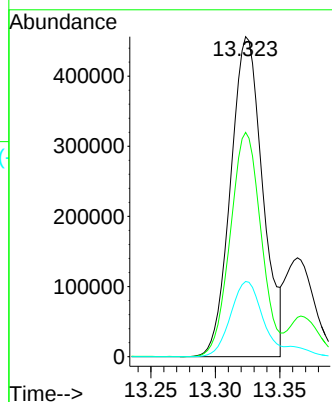
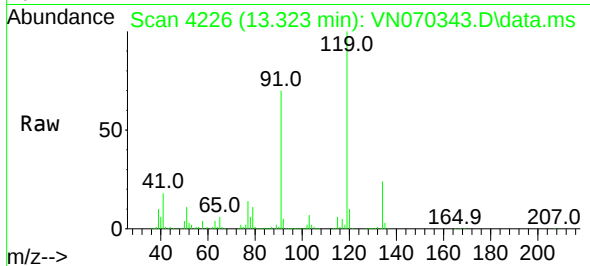




#83  
tert-Butylbenzene  
Concen: 19.946 ug/l  
RT: 13.323 min Scan# 4226  
Delta R.T. 0.002 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

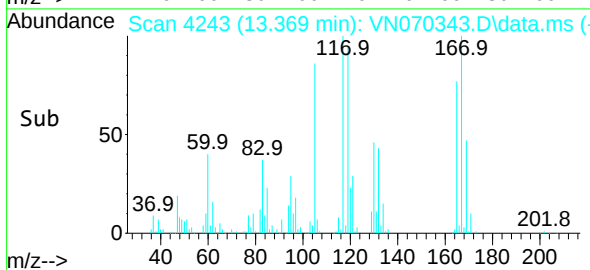
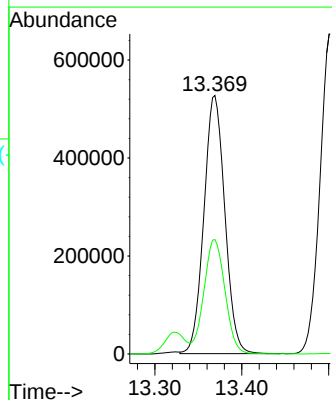
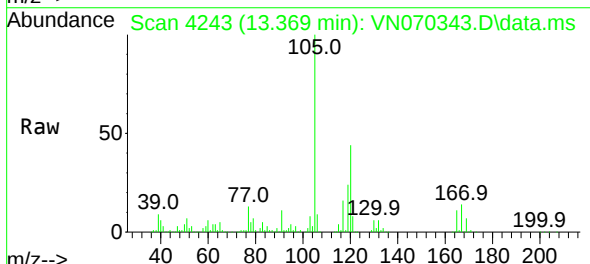
Instrument :  
MSVOA\_N  
ClientSampleId :

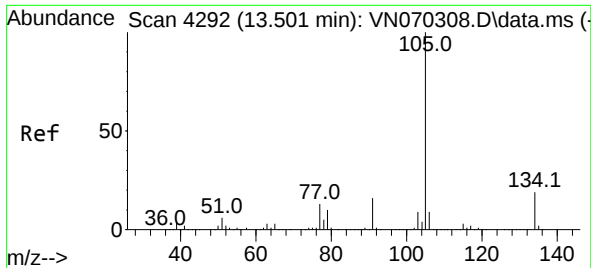
Tgt Ion:119 Resp: 789748  
Ion Ratio Lower Upper  
119 100  
91 67.4 31.5 94.5  
134 23.4 12.4 37.4



#84  
1,2,4-Trimethylbenzene  
Concen: 20.392 ug/l  
RT: 13.369 min Scan# 4243  
Delta R.T. 0.003 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

Tgt Ion:105 Resp: 882970  
Ion Ratio Lower Upper  
105 100  
120 44.7 22.8 68.4

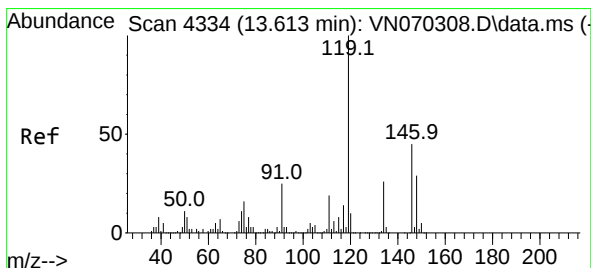
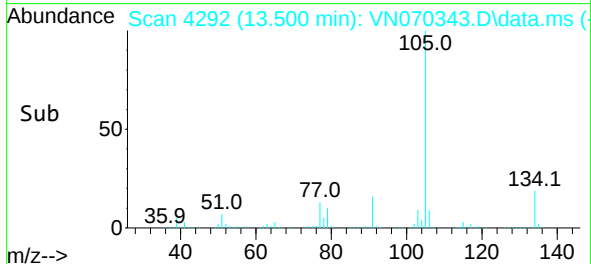
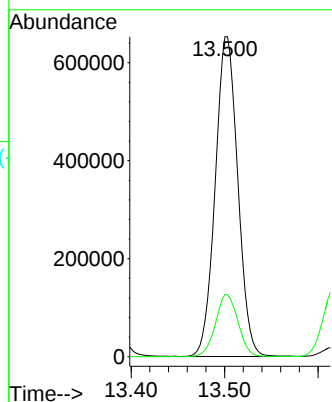
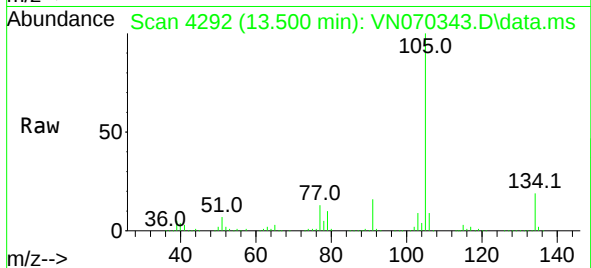




#85  
 sec-Butylbenzene  
 Concen: 20.327 ug/l  
 RT: 13.500 min Scan# 41  
 Delta R.T. -0.001 min  
 Lab File: VN070343.D  
 Acq: 29 Dec 2021 12:39

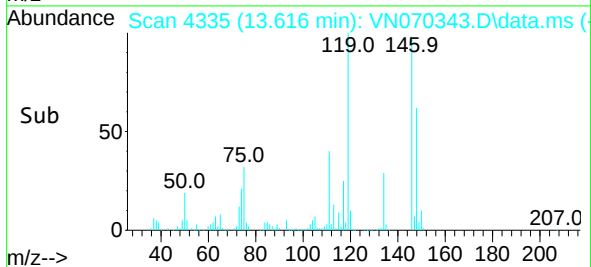
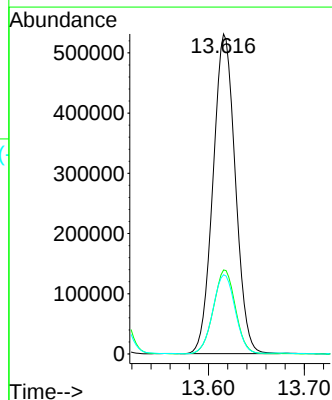
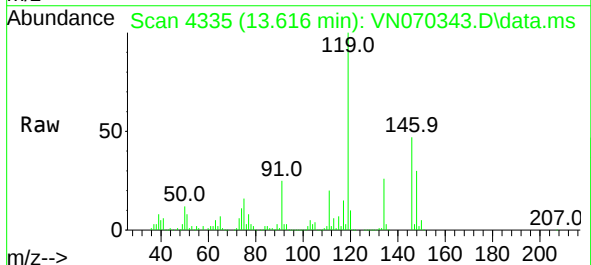
Instrument :  
 MSVOA\_N  
 ClientSampleId :

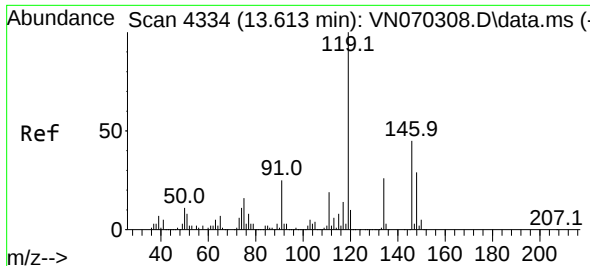
Tgt Ion:105 Resp: 1092733  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 20.276 ug/l  
 RT: 13.616 min Scan# 4335  
 Delta R.T. 0.003 min  
 Lab File: VN070343.D  
 Acq: 29 Dec 2021 12:39

Tgt Ion:119 Resp: 856220  
 Ion Ratio Lower Upper  
 119 100  
 134 25.8 13.6 40.7  
 91 24.8 11.4 34.1

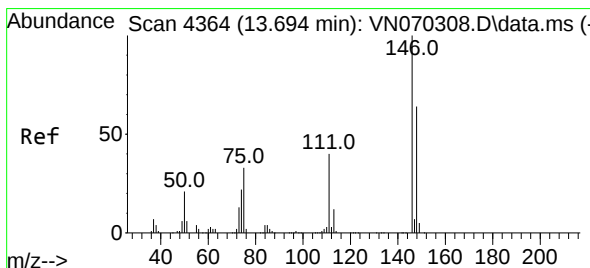
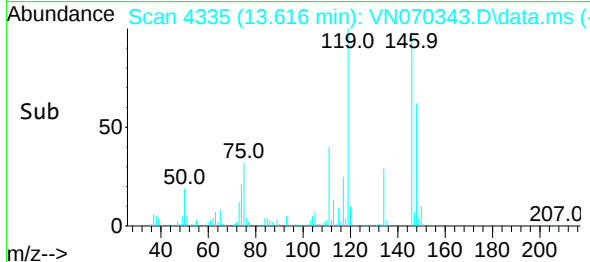
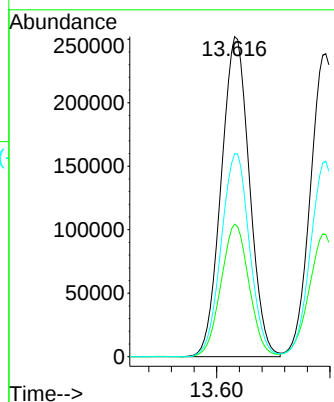
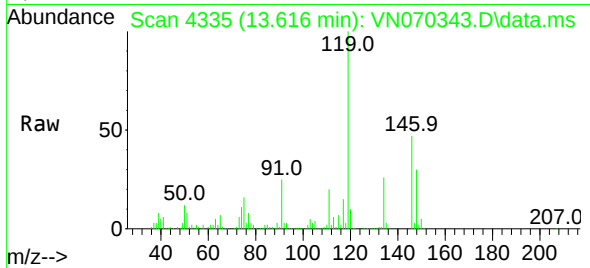




#87  
 1,3-Dichlorobenzene  
 Concen: 20.229 ug/l  
 RT: 13.616 min Scan# 4335  
 Delta R.T. 0.003 min  
 Lab File: VN070343.D  
 Acq: 29 Dec 2021 12:39

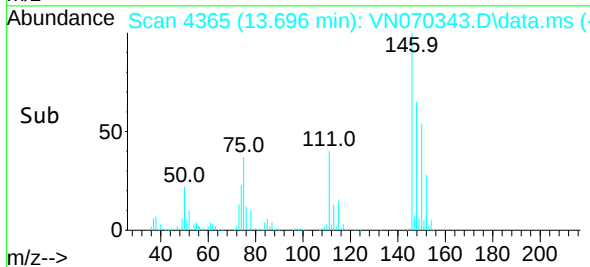
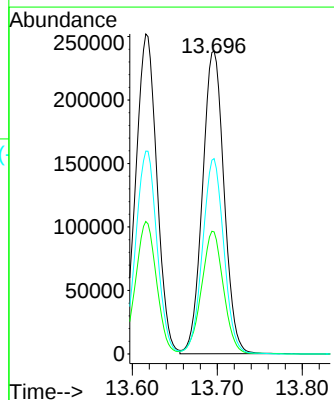
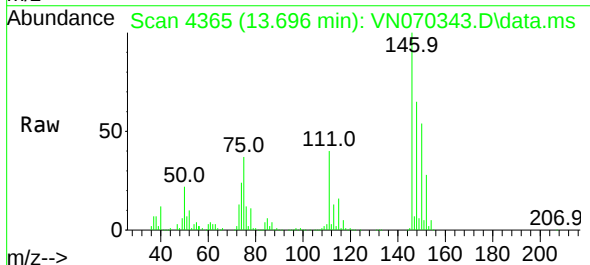
Instrument :  
 MSVOA\_N  
 ClientSampleId :

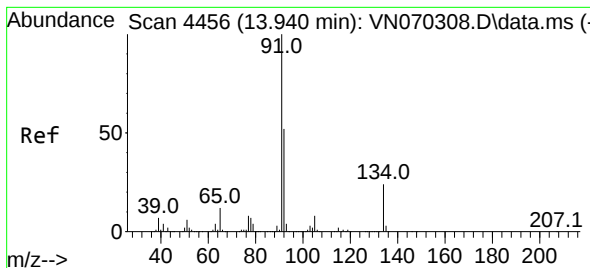
Tgt Ion:146 Resp: 436271  
 Ion Ratio Lower Upper  
 146 100  
 111 41.2 18.6 55.6  
 148 63.9 31.6 95.0



#88  
 1,4-Dichlorobenzene  
 Concen: 19.736 ug/l  
 RT: 13.696 min Scan# 4365  
 Delta R.T. 0.002 min  
 Lab File: VN070343.D  
 Acq: 29 Dec 2021 12:39

Tgt Ion:146 Resp: 419846  
 Ion Ratio Lower Upper  
 146 100  
 111 41.0 18.3 54.8  
 148 63.9 31.8 95.4





#89

n-Butylbenzene

Concen: 19.237 ug/l

RT: 13.943 min Scan# 4456

Delta R.T. 0.003 min

Lab File: VN070343.D

Acq: 29 Dec 2021 12:39

Instrument :

MSVOA\_N

ClientSampleId :

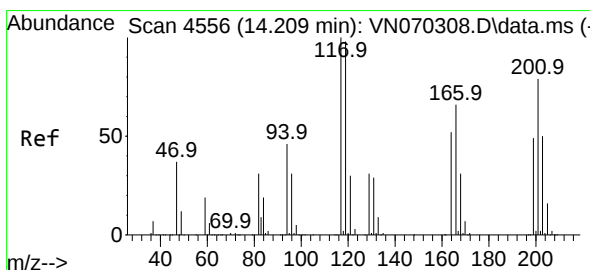
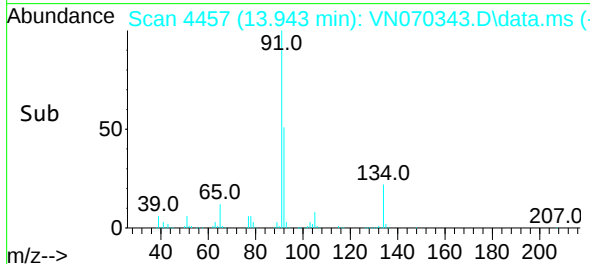
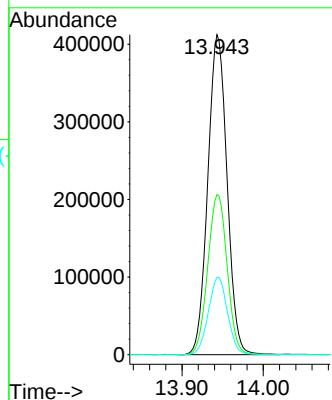
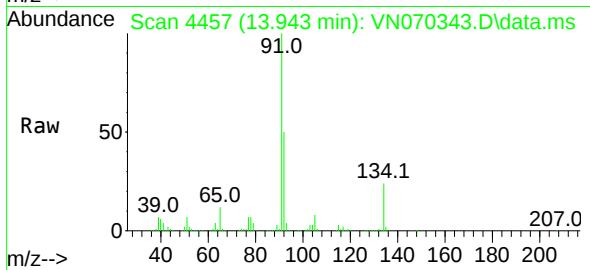
Tgt Ion: 91 Resp: 677565

Ion Ratio Lower Upper

91 100

92 50.5 25.4 76.0

134 24.2 13.6 40.8



#90

Hexachloroethane

Concen: 24.317 ug/l

RT: 14.211 min Scan# 4557

Delta R.T. 0.002 min

Lab File: VN070343.D

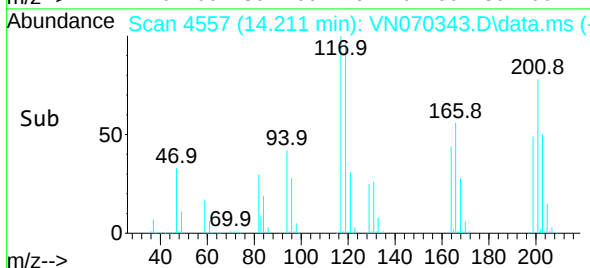
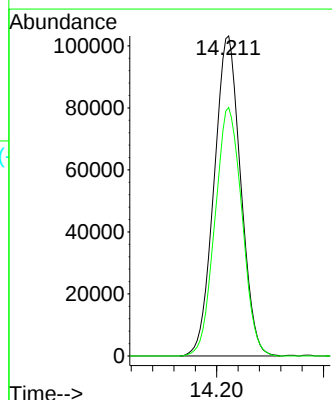
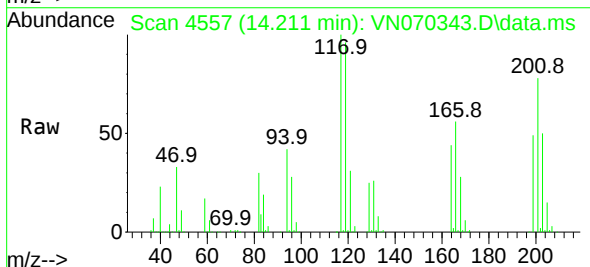
Acq: 29 Dec 2021 12:39

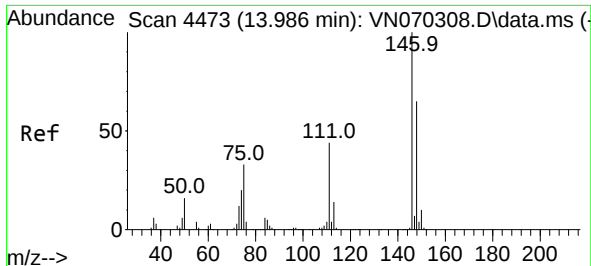
Tgt Ion: 117 Resp: 178393

Ion Ratio Lower Upper

117 100

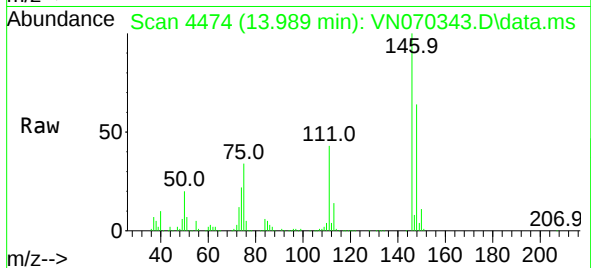
201 78.9 43.9 131.6



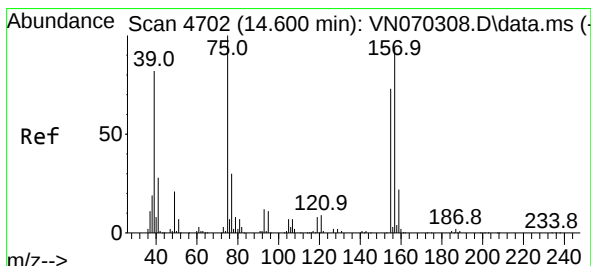
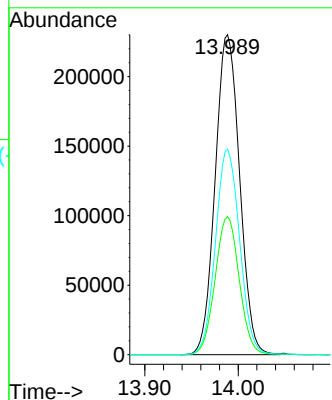
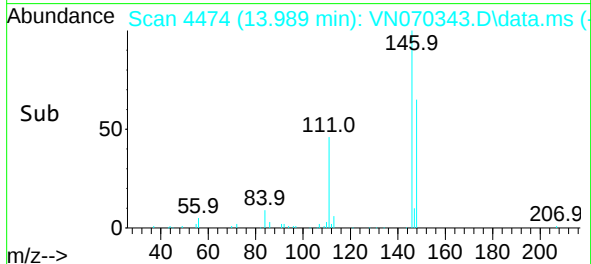


#91  
1,2-Dichlorobenzene  
Concen: 19.826 ug/l  
RT: 13.989 min Scan# 4474  
Delta R.T. 0.003 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39

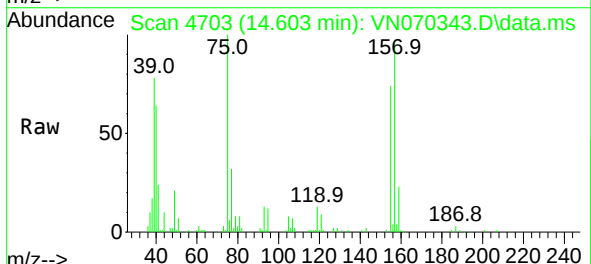
Instrument :  
MSVOA\_N  
ClientSampleId :



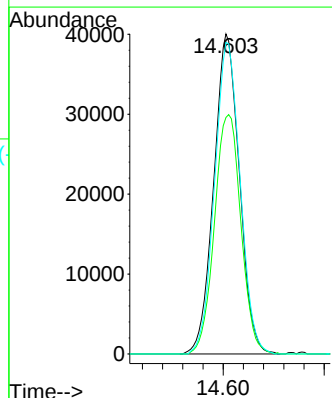
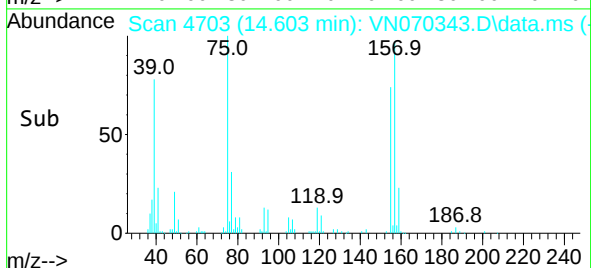
Tgt Ion:146 Resp: 419169  
Ion Ratio Lower Upper  
146 100  
111 42.6 19.1 57.3  
148 63.7 32.1 96.3

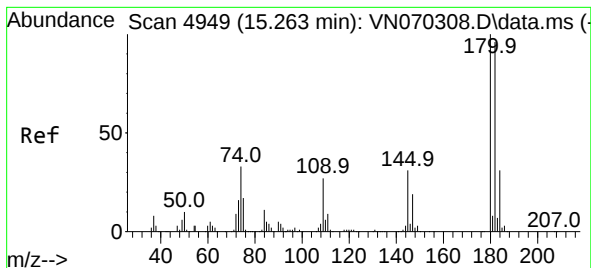


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 21.672 ug/l  
RT: 14.603 min Scan# 4703  
Delta R.T. 0.003 min  
Lab File: VN070343.D  
Acq: 29 Dec 2021 12:39



Tgt Ion: 75 Resp: 70449  
Ion Ratio Lower Upper  
75 100  
155 77.2 46.9 140.7  
157 97.1 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 18.908 ug/l

RT: 15.265 min Scan# 4949

Delta R.T. 0.002 min

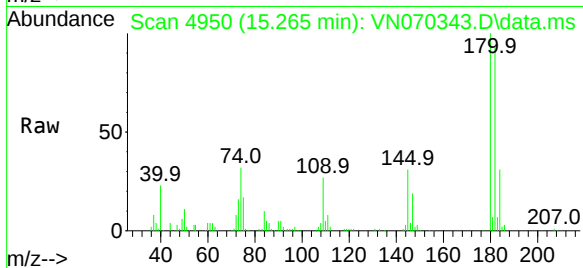
Lab File: VN070343.D

Acq: 29 Dec 2021 12:39

Instrument :

MSVOA\_N

ClientSampleId :



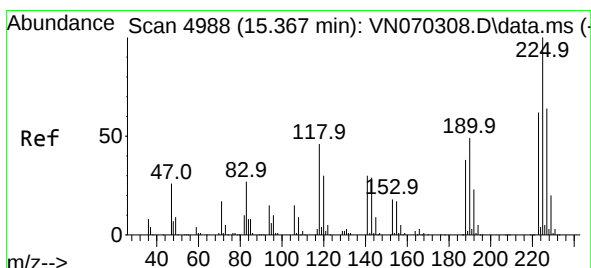
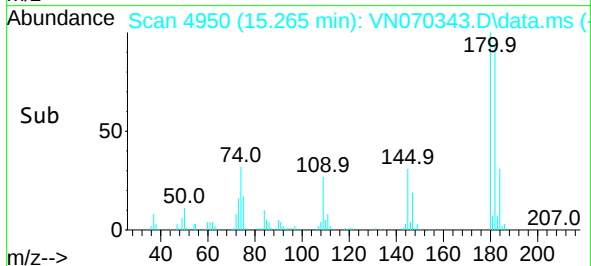
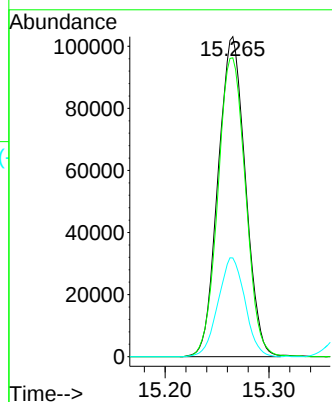
Tgt Ion:180 Resp: 188355

Ion Ratio Lower Upper

180 100

182 94.6 48.3 144.9

145 30.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 21.932 ug/l

RT: 15.370 min Scan# 4989

Delta R.T. 0.003 min

Lab File: VN070343.D

Acq: 29 Dec 2021 12:39

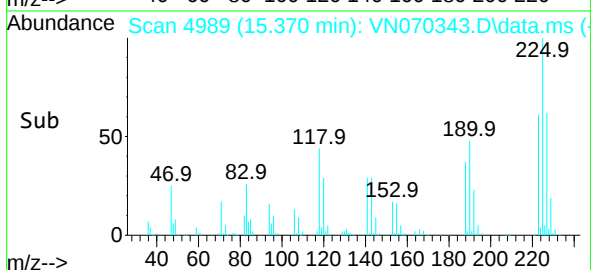
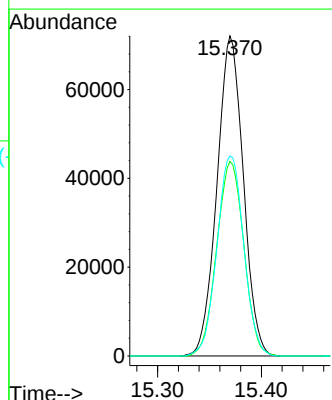
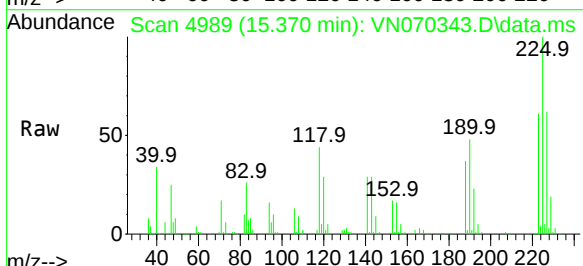
Tgt Ion:225 Resp: 126979

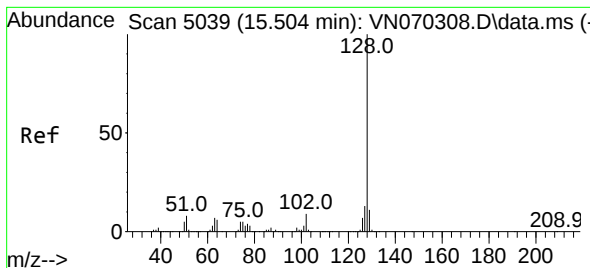
Ion Ratio Lower Upper

225 100

223 62.7 31.9 95.7

227 63.7 32.1 96.3





#95

Naphthalene

Concen: 17.388 ug/l

RT: 15.507 min Scan# 5039

Delta R.T. 0.003 min

Lab File: VN070343.D

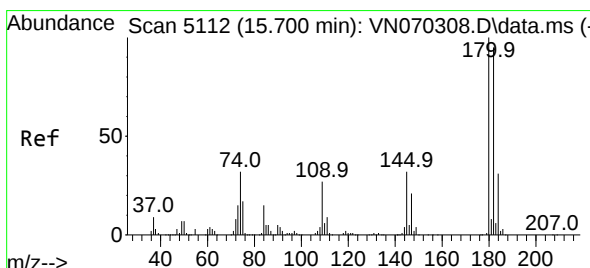
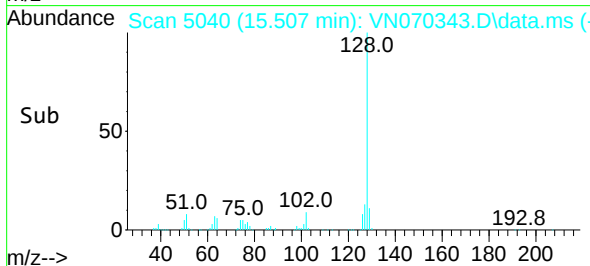
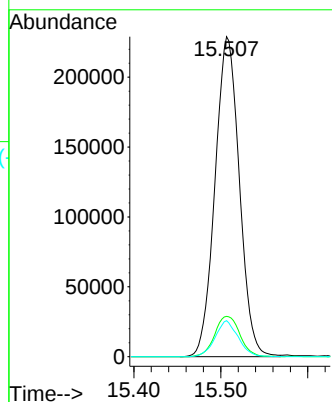
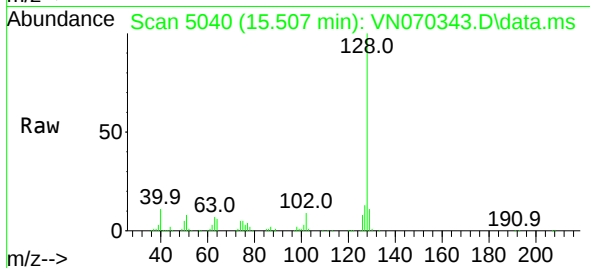
Acq: 29 Dec 2021 12:39

Instrument :

MSVOA\_N

ClientSampleId :

|             |                |
|-------------|----------------|
| Tgt Ion:128 | Resp: 445246   |
| Ion Ratio   | Lower Upper    |
| 128         | 100            |
| 127         | 13.1 10.5 15.7 |
| 129         | 10.7 8.7 13.1  |



#96

1,2,3-Trichlorobenzene

Concen: 19.510 ug/l

RT: 15.702 min Scan# 5113

Delta R.T. 0.002 min

Lab File: VN070343.D

Acq: 29 Dec 2021 12:39

|             |                 |
|-------------|-----------------|
| Tgt Ion:180 | Resp: 181028    |
| Ion Ratio   | Lower Upper     |
| 180         | 100             |
| 182         | 95.6 47.4 142.2 |
| 145         | 32.5 15.0 45.1  |

