

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092722\  
 Data File : VN074630.D  
 Acq On : 27 Sep 2022 16:28  
 Operator : JC\MD  
 Sample : VN0927WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Sep 28 08:04:12 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N092722W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Sep 28 07:48:31 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Bromochloromethane        | 7.492  | 128   | 123428   | 30.000   | ug/l       | 0.00     |
| 28) 1,4-Difluorobenzene      | 8.827  | 114   | 746530   | 30.000   | ug/l       | 0.00     |
| 57) Chlorobenzene-d5         | 11.621 | 117   | 663984   | 30.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 27) 1,2-Dichloroethane-d4    | 8.286  | 65    | 354542   | 30.464   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | = 101.533% |          |
| 60) 4-Bromofluorobenzene     | 12.610 | 95    | 365379   | 28.329   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | = 94.433%  |          |
| 63) Toluene-d8               | 10.310 | 98    | 1159554  | 30.961   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | = 103.200% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.998  | 85    | 152161   | 20.977   | ug/l       | 95       |
| 3) Chloromethane             | 2.216  | 50    | 240895   | 22.615   | ug/l       | 99       |
| 4) Vinyl Chloride            | 2.351  | 62    | 316045   | 23.175   | ug/l       | 96       |
| 5) Bromomethane              | 2.728  | 94    | 219214   | 24.940   | ug/l       | 85       |
| 6) Chloroethane              | 2.893  | 64    | 220829   | 22.909   | ug/l       | 94       |
| 7) Trichlorofluoromethane    | 3.240  | 101   | 274385   | 21.663   | ug/l       | 89       |
| 8) Diethyl Ether             | 3.675  | 74    | 139605   | 20.896   | ug/l       | 96       |
| 9) 1,1,2-Trichlorotrifluo... | 4.051  | 101   | 179655   | 22.125   | ug/l       | 95       |
| 10) 1,1-Dichloroethene       | 4.022  | 96    | 176127   | 21.035   | ug/l       | 95       |
| 11) Methyl Iodide            | 4.245  | 142   | 204359   | 19.056   | ug/l       | 99       |
| 12) Methyl Acetate           | 4.663  | 43    | 374538   | 20.893   | ug/l       | 99       |
| 13) Acrolein                 | 3.892  | 56    | 148367   | 101.687  | ug/l       | 97       |
| 14) Acrylonitrile            | 5.357  | 53    | 768801   | 105.806  | ug/l       | 97       |
| 15) Acetone                  | 4.122  | 58    | 193765   | 101.530  | ug/l       | 89       |
| 16) Carbon Disulfide         | 4.357  | 76    | 493956   | 20.992   | ug/l       | 97       |
| 17) Allyl chloride           | 4.651  | 41    | 372464   | 21.815   | ug/l       | 98       |
| 18) Methylene Chloride       | 4.910  | 84    | 224832   | 21.064   | ug/l       | 96       |
| 19) trans-1,2-Dichloroethene | 5.398  | 96    | 188433   | 19.913   | ug/l       | 93       |
| 20) Diisopropyl ether        | 6.304  | 45    | 778527   | 20.846   | ug/l       | 95       |
| 21) 1,1-Dichloroethane       | 6.198  | 63    | 405469   | 21.498   | ug/l       | 99       |
| 22) cis-1,2-Dichloroethene   | 7.151  | 96    | 232997   | 20.408   | ug/l       | 99       |
| 23) tert-Butyl Alcohol       | 5.169  | 59    | 323095   | 107.988  | ug/l #     | 100      |
| 24) Methyl tert-Butyl Ether  | 5.422  | 73    | 704665   | 20.310   | ug/l       | 99       |
| 25) Chloroform               | 7.657  | 83    | 381642   | 20.411   | ug/l       | 96       |
| 26) Cyclohexane              | 7.933  | 56    | 376654   | 22.208   | ug/l #     | 100      |
| 29) 1,1-Dichloropropene      | 8.069  | 75    | 285166   | 20.451   | ug/l       | 81       |
| 30) 2-Butanone               | 7.163  | 43    | 1095008  | 102.932  | ug/l       | 100      |
| 31) 2,2-Dichloropropane      | 7.151  | 77    | 332999   | 20.005   | ug/l       | 99       |
| 32) 1,1,1-Trichloroethane    | 7.851  | 97    | 322646   | 19.588   | ug/l       | 97       |
| 33) Carbon Tetrachloride     | 8.051  | 117   | 263971   | 19.161   | ug/l       | 95       |
| 34) Benzene                  | 8.310  | 78    | 907299   | 19.656   | ug/l       | 94       |
| 35) Methacrylonitrile        | 7.475  | 41    | 179497   | 17.735   | ug/l       | 92       |
| 36) 1,2-Dichloroethane       | 8.386  | 62    | 281542   | 18.679   | ug/l       | 97       |
| 37) Trichloroethene          | 9.074  | 130   | 192584   | 19.648   | ug/l       | 88       |
| 38) Methylcyclohexane        | 9.322  | 83    | 376125   | 20.842   | ug/l       | 98       |
| 39) 1,2-Dichloropropane      | 9.351  | 63    | 247877   | 20.282   | ug/l       | 97       |
| 40) Dibromomethane           | 9.445  | 93    | 153396   | 19.452   | ug/l       | 99       |
| 41) Bromodichloromethane     | 9.627  | 83    | 310612   | 19.815   | ug/l       | 97       |
| 42) Vinyl Acetate            | 6.239  | 43    | 3482185  | 100.699  | ug/l       | 100      |

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 Sample : VN0927WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

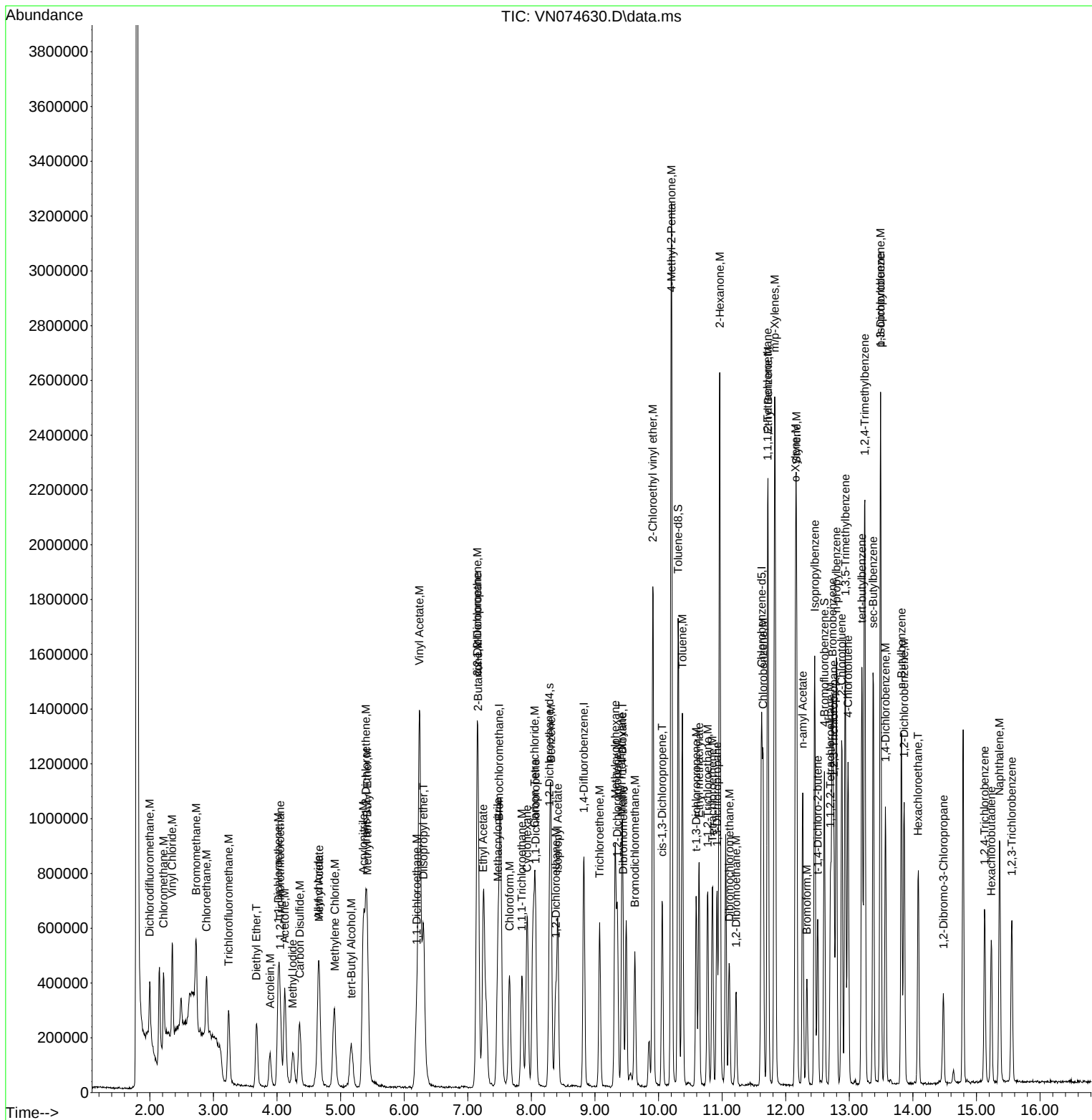
Instrument :  
 MSVOA\_N  
 ClientSampleId :

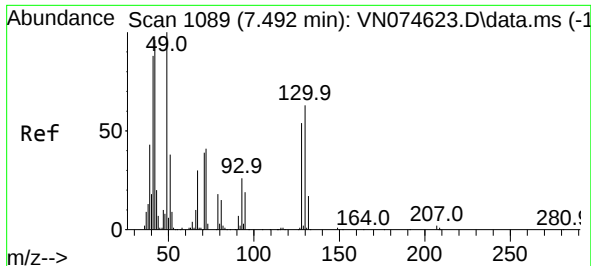
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N092722W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Sep 28 07:48:31 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 43) Ethyl Acetate             | 7.239  | 43   | 449663   | 21.824  | ug/l  | 97       |
| 44) Isopropyl Acetate         | 8.416  | 43   | 688975   | 20.592  | ug/l  | 99       |
| 45) 1,4-Dioxane               | 9.433  | 88   | 121523   | 425.618 | ug/l  | 98       |
| 46) Methyl methacrylate       | 9.422  | 41   | 281116   | 20.173  | ug/l  | 94       |
| 47) n-amyl Acetate            | 12.268 | 43   | 583529   | 19.055  | ug/l  | 98       |
| 48) t-1,3-Dichloropropene     | 10.592 | 75   | 366924   | 19.281  | ug/l  | 97       |
| 49) cis-1,3-Dichloropropene   | 10.057 | 75   | 378066   | 19.092  | ug/l  | 93       |
| 50) 1,1,2-Trichloroethane     | 10.774 | 97   | 223143   | 19.463  | ug/l  | 95       |
| 51) Ethyl methacrylate        | 10.639 | 69   | 405843   | 18.879  | ug/l  | 98       |
| 52) 1,3-Dichloropropane       | 10.921 | 76   | 394613   | 19.420  | ug/l  | 97       |
| 53) Dibromochloromethane      | 11.116 | 129  | 224127   | 18.497  | ug/l  | 97       |
| 54) 1,2-Dibromoethane         | 11.221 | 107  | 223229   | 18.821  | ug/l  | 98       |
| 55) 2-Chloroethyl vinyl ether | 9.910  | 63   | 834835   | 100.069 | ug/l  | 99       |
| 56) Bromoform                 | 12.333 | 173  | 152696   | 16.123  | ug/l  | 98       |
| 58) 4-Methyl-2-Pentanone      | 10.204 | 43   | 2196118  | 106.578 | ug/l  | 99       |
| 59) 2-Hexanone                | 10.963 | 43   | 1690506  | 105.924 | ug/l  | 99       |
| 61) Tetrachloroethene         | 10.851 | 164  | 152439   | 20.581  | ug/l  | 100      |
| 62) Toluene                   | 10.374 | 91   | 977303   | 20.101  | ug/l  | 99       |
| 64) Chlorobenzene             | 11.645 | 112  | 563941   | 20.242  | ug/l  | 100      |
| 65) 1,1,1,2-Tetrachloroethane | 11.715 | 131  | 205343   | 19.617  | ug/l  | 98       |
| 66) Ethyl Benzene             | 11.721 | 91   | 1066125  | 20.649  | ug/l  | 99       |
| 67) m/p-Xylenes               | 11.827 | 106  | 804901   | 38.828  | ug/l  | 100      |
| 68) o-Xylene                  | 12.157 | 106  | 402423   | 19.067  | ug/l  | 99       |
| 69) Styrene                   | 12.168 | 104  | 660186   | 18.593  | ug/l  | 99       |
| 70) Isopropylbenzene          | 12.457 | 105  | 1026792  | 19.069  | ug/l  | 99       |
| 71) 1,1,2,2-Tetrachloroethane | 12.704 | 83   | 380271   | 19.894  | ug/l  | 97       |
| 72) 1,2,3-Trichloropropane    | 12.757 | 75   | 491954   | 33.999  | ug/l  | 45       |
| 73) Bromobenzene              | 12.739 | 156  | 208618   | 19.282  | ug/l  | 96       |
| 74) n-propylbenzene           | 12.798 | 91   | 1202386  | 19.817  | ug/l  | 99       |
| 75) 2-Chlorotoluene           | 12.880 | 91   | 711860   | 19.341  | ug/l  | 100      |
| 76) 1,3,5-Trimethylbenzene    | 12.939 | 105  | 854007   | 18.810  | ug/l  | 100      |
| 77) t-1,4-Dichloro-2-butene   | 12.504 | 75   | 144626   | 19.297  | ug/l  | 95       |
| 78) 4-Chlorotoluene           | 12.980 | 91   | 675382   | 18.310  | ug/l  | 99       |
| 79) tert-butylbenzene         | 13.198 | 119  | 753607   | 18.971  | ug/l  | 99       |
| 80) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 823733   | 18.369  | ug/l  | 100      |
| 81) sec-Butylbenzene          | 13.374 | 105  | 1046400  | 18.608  | ug/l  | 99       |
| 82) p-Isopropyltoluene        | 13.492 | 119  | 831448   | 17.973  | ug/l  | 99       |
| 83) 1,3-Dichlorobenzene       | 13.492 | 146  | 389273   | 17.507  | ug/l  | 97       |
| 84) 1,4-Dichlorobenzene       | 13.568 | 146  | 381248   | 17.239  | ug/l  | 99       |
| 85) n-Butylbenzene            | 13.821 | 91   | 718474   | 18.204  | ug/l  | 99       |
| 86) Hexachloroethane          | 14.080 | 117  | 172304   | 19.337  | ug/l  | 97       |
| 87) 1,2-Dichlorobenzene       | 13.862 | 146  | 402608   | 17.702  | ug/l  | 99       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.480 | 75   | 77278    | 19.304  | ug/l  | 96       |
| 89) 1,2,4-Trichlorobenzene    | 15.127 | 180  | 183050   | 19.296  | ug/l  | 98       |
| 90) Hexachlorobutadiene       | 15.233 | 225  | 83438    | 19.963  | ug/l  | 98       |
| 91) Naphthalene               | 15.362 | 128  | 768199   | 19.302  | ug/l  | 99       |
| 92) 1,2,3-Trichlorobenzene    | 15.556 | 180  | 178683   | 18.787  | ug/l  | 97       |

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

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QLast Update : Wed Sep 28 07:48:31 2022  
Response via : Initial Calibration

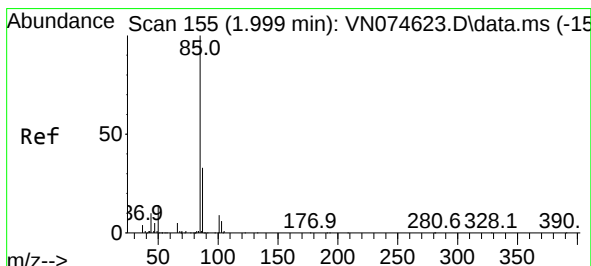
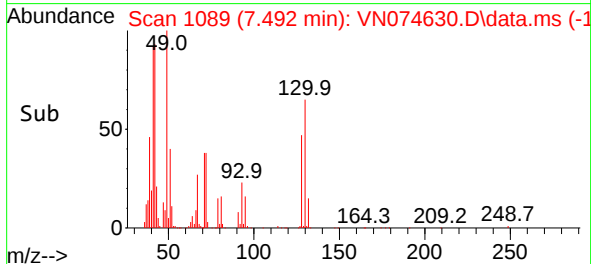
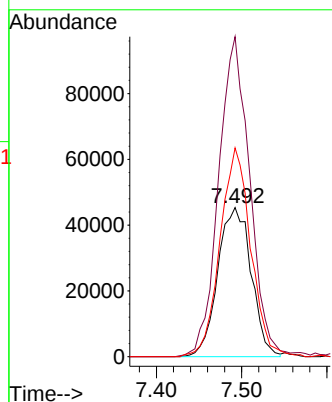
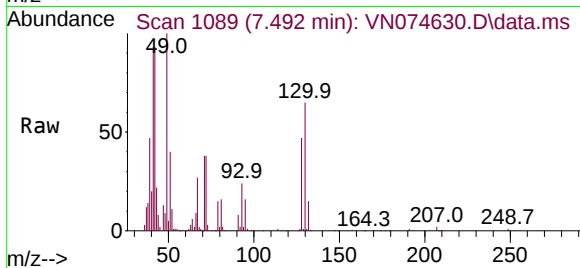




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.492 min Scan# 1089  
Delta R.T. 0.000 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

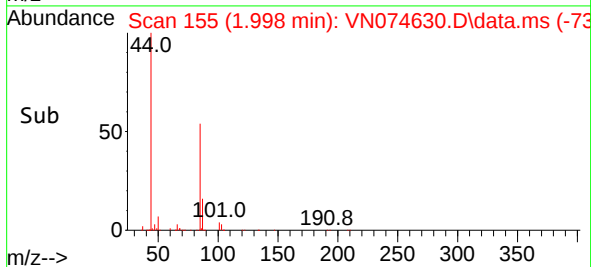
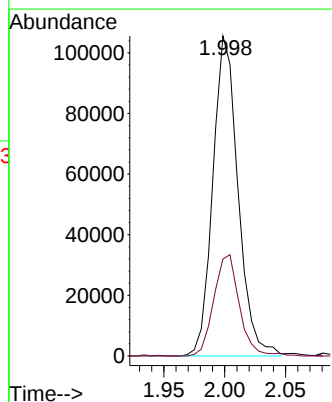
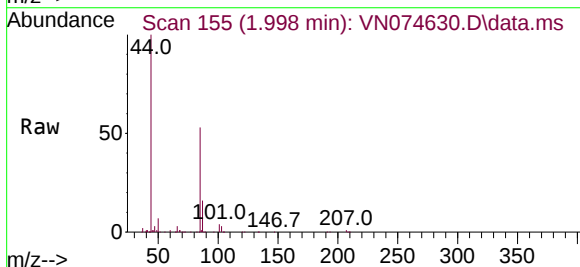
Instrument :  
MSVOA\_N  
ClientSampleId :

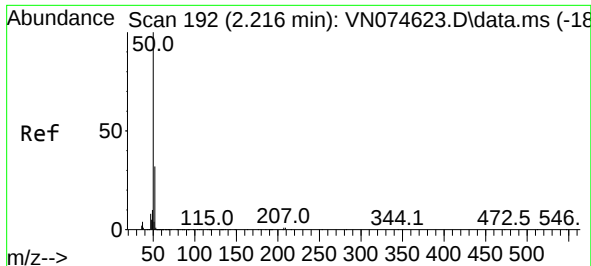
Tgt Ion:128 Resp: 123428  
Ion Ratio Lower Upper  
128 100  
49 199.9 0.0 492.0  
130 128.9 0.0 313.3



#2  
Dichlorodifluoromethane  
Concen: 20.977 ug/l  
RT: 1.998 min Scan# 155  
Delta R.T. -0.000 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

Tgt Ion: 85 Resp: 152161  
Ion Ratio Lower Upper  
85 100  
87 30.3 16.7 50.1

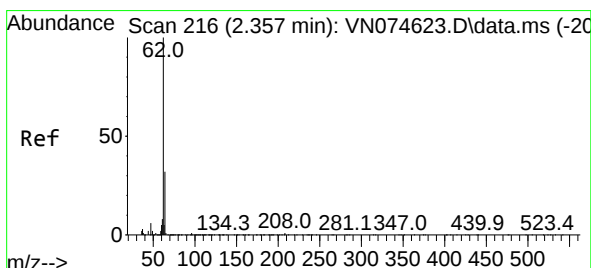
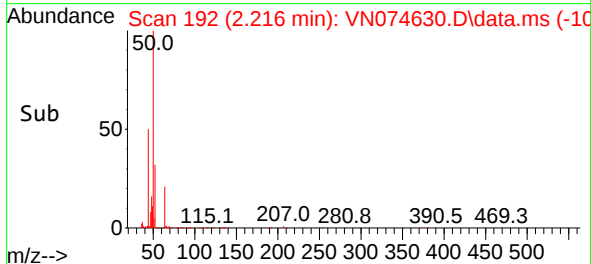
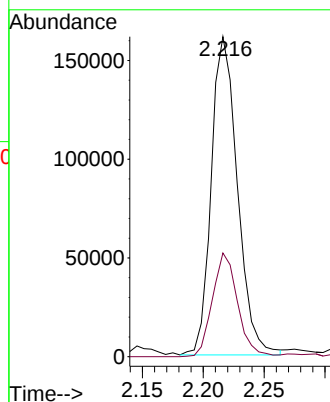
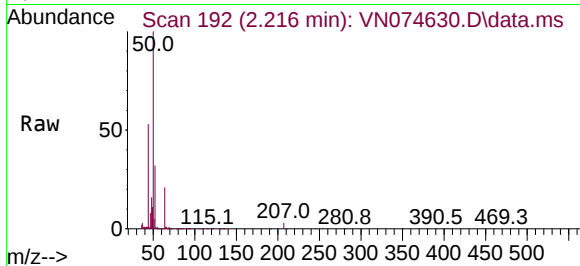




#3  
Chloromethane  
Concen: 22.615 ug/l  
RT: 2.216 min Scan# 192  
Delta R.T. -0.000 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

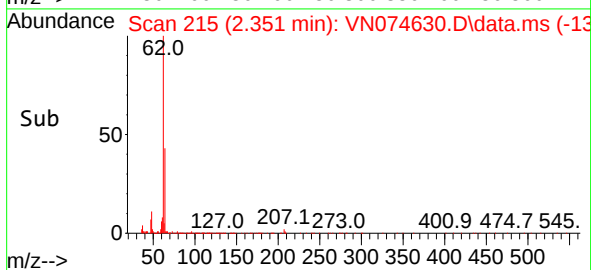
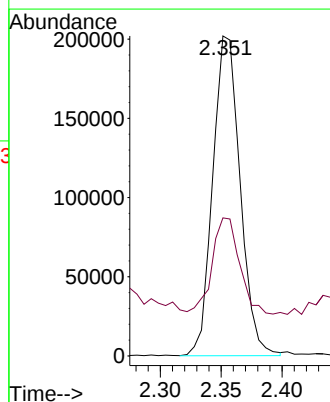
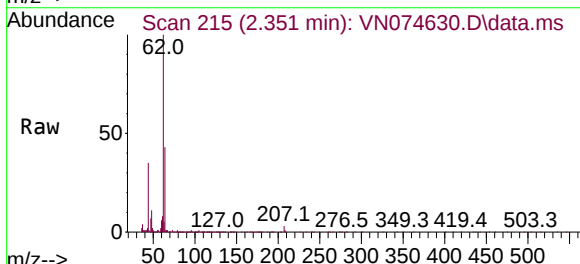
Instrument :  
MSVOA\_N  
ClientSampleId :

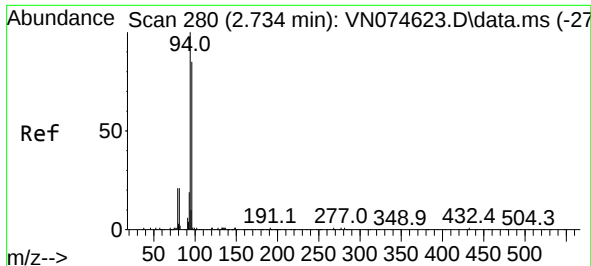
Tgt Ion: 50 Resp: 240895  
Ion Ratio Lower Upper  
50 100  
52 32.6 25.5 38.3



#4  
Vinyl Chloride  
Concen: 23.175 ug/l  
RT: 2.351 min Scan# 215  
Delta R.T. -0.006 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

Tgt Ion: 62 Resp: 316045  
Ion Ratio Lower Upper  
62 100  
64 29.6 25.6 38.4

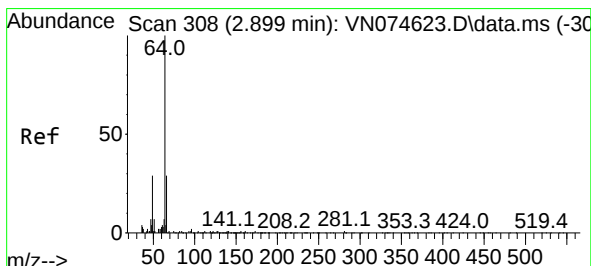
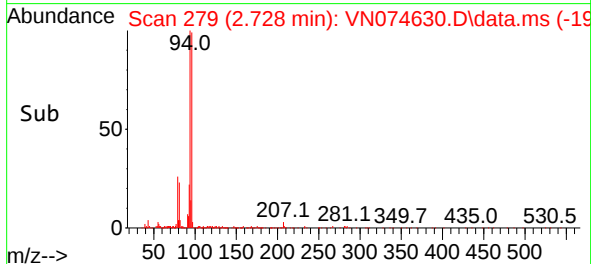
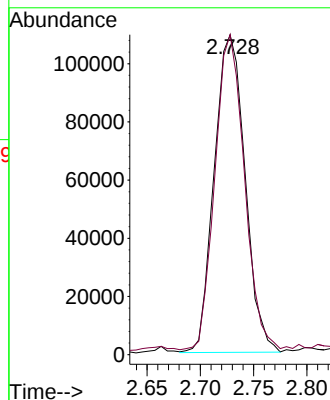
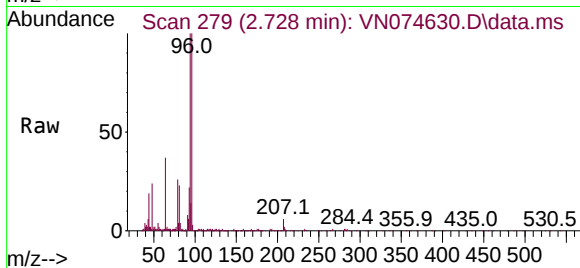




#5  
Bromomethane  
Concen: 24.940 ug/l  
RT: 2.728 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

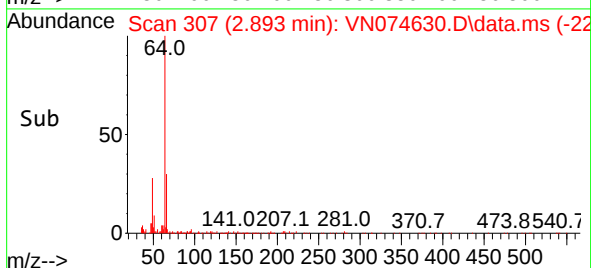
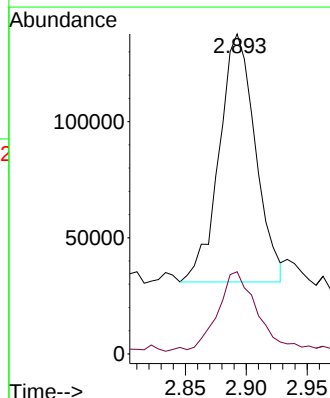
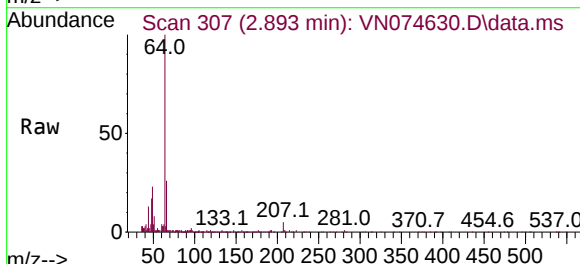
Instrument :  
MSVOA\_N  
ClientSampleId :

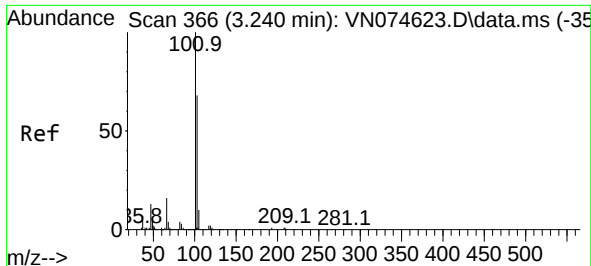
Tgt Ion: 94 Resp: 219214  
Ion Ratio Lower Upper  
94 100  
96 99.3 68.3 102.5



#6  
Chloroethane  
Concen: 22.909 ug/l  
RT: 2.893 min Scan# 307  
Delta R.T. -0.006 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

Tgt Ion: 64 Resp: 220829  
Ion Ratio Lower Upper  
64 100  
66 30.5 21.8 32.8

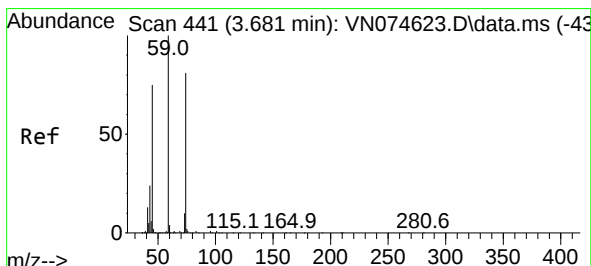
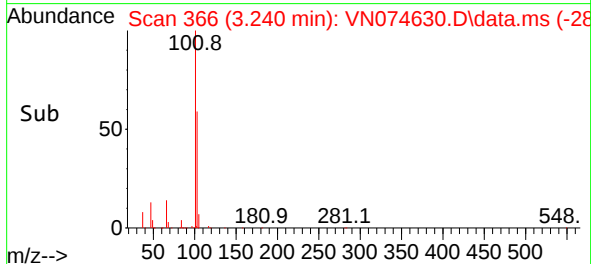
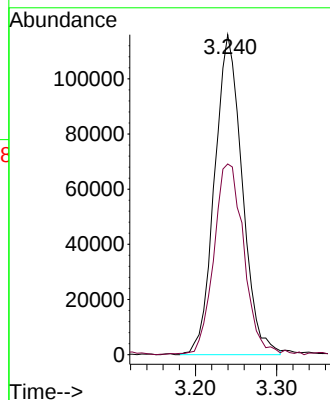
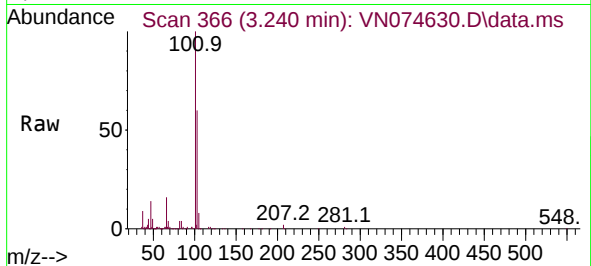




#7  
 Trichlorofluoromethane  
 Concen: 21.663 ug/l  
 RT: 3.240 min Scan# 30  
 Delta R.T. -0.000 min  
 Lab File: VN074630.D  
 Acq: 27 Sep 2022 16:28

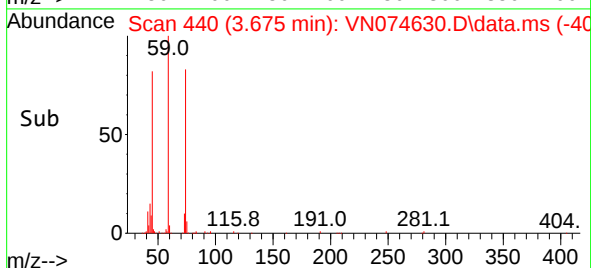
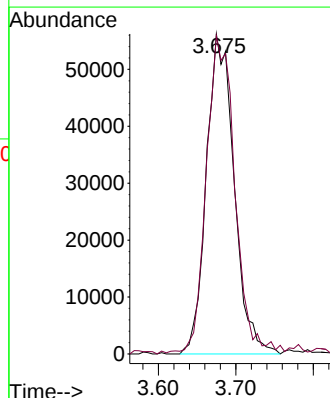
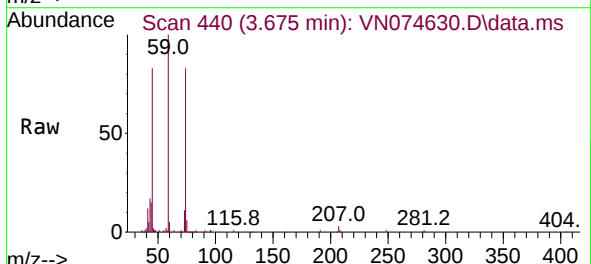
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 MSVOA\_N  
 ClientSampleId :

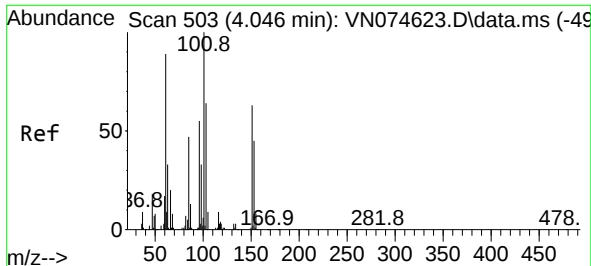
Tgt Ion:101 Resp: 274385  
 Ion Ratio Lower Upper  
 101 100  
 103 59.2 54.8 82.2



#8  
 Diethyl Ether  
 Concen: 20.896 ug/l  
 RT: 3.675 min Scan# 440  
 Delta R.T. -0.006 min  
 Lab File: VN074630.D  
 Acq: 27 Sep 2022 16:28

Tgt Ion: 74 Resp: 139605  
 Ion Ratio Lower Upper  
 74 100  
 45 99.1 19.0 171.0

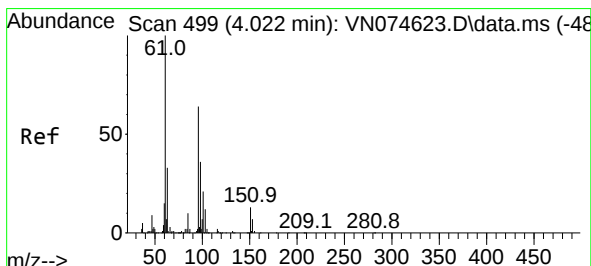
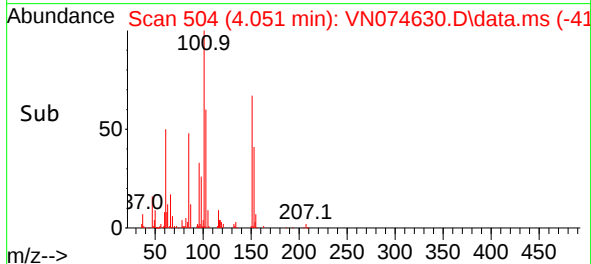
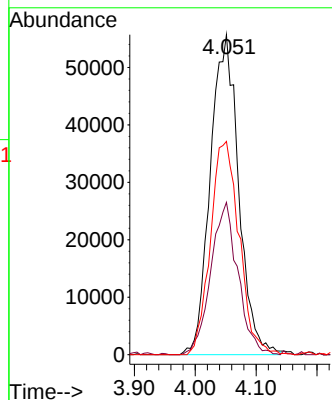
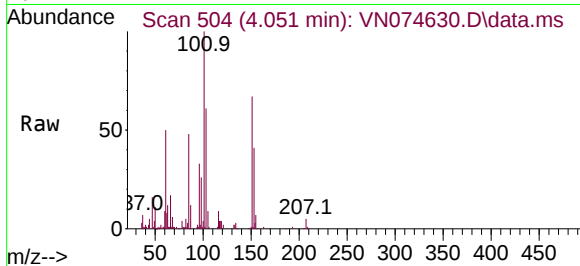




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 22.125 ug/l  
 RT: 4.051 min Scan# 503  
 Delta R.T. 0.006 min  
 Lab File: VN074630.D  
 Acq: 27 Sep 2022 16:28

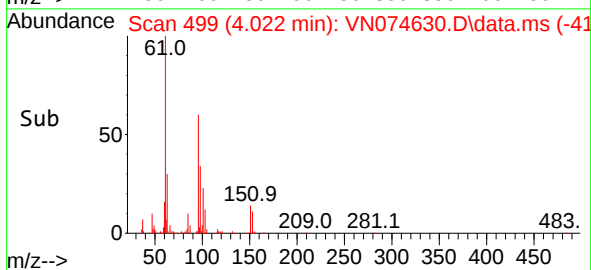
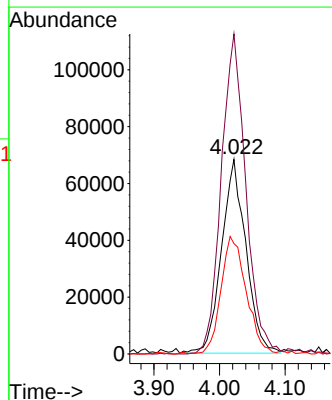
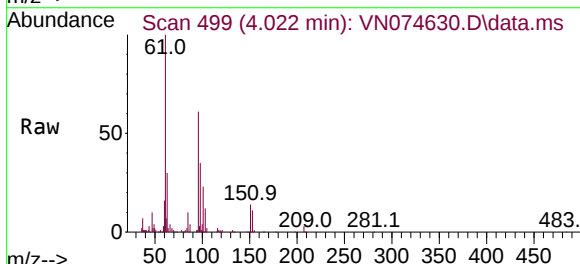
Instrument :  
 MSVOA\_N  
 ClientSampleId :

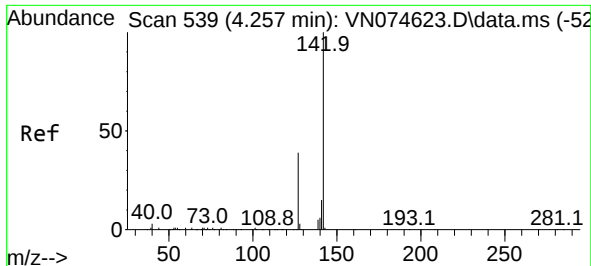
Tgt Ion:101 Resp: 179655  
 Ion Ratio Lower Upper  
 101 100  
 85 45.2 0.0 94.6  
 151 67.5 0.0 144.8



#10  
 1,1-Dichloroethene  
 Concen: 21.035 ug/l  
 RT: 4.022 min Scan# 499  
 Delta R.T. -0.000 min  
 Lab File: VN074630.D  
 Acq: 27 Sep 2022 16:28

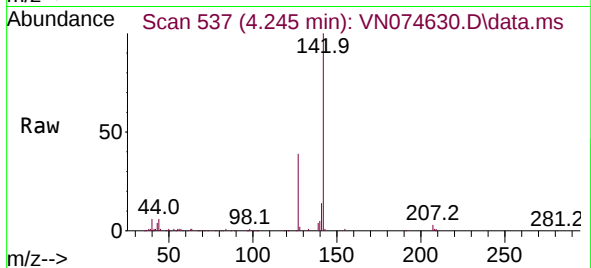
Tgt Ion: 96 Resp: 176127  
 Ion Ratio Lower Upper  
 96 100  
 61 165.2 125.5 188.3  
 98 56.4 45.0 67.4



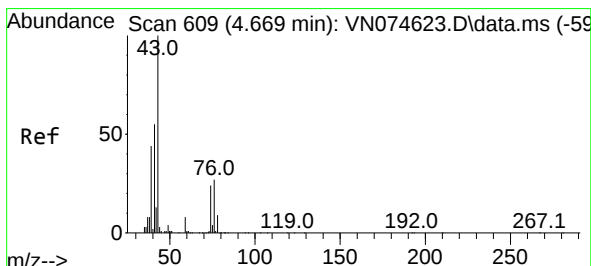
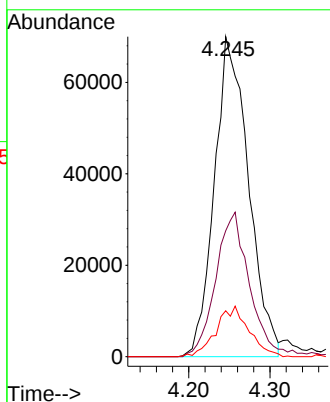
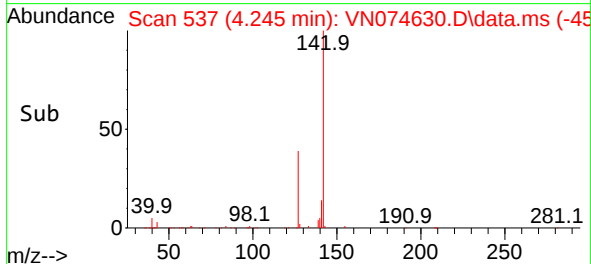


#11  
Methyl Iodide  
Concen: 19.056 ug/l  
RT: 4.245 min Scan# 51  
Delta R.T. -0.012 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

Instrument :  
MSVOA\_N  
ClientSampleId :

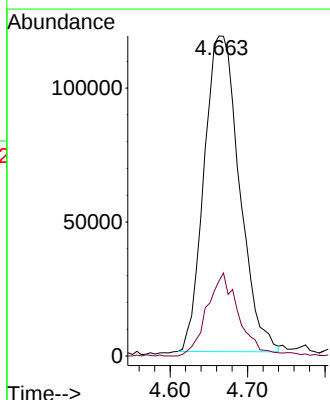
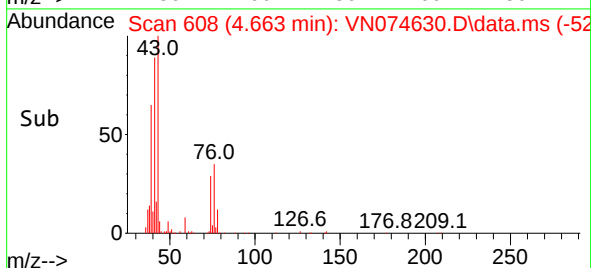
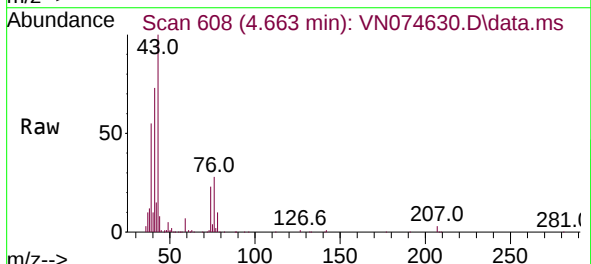


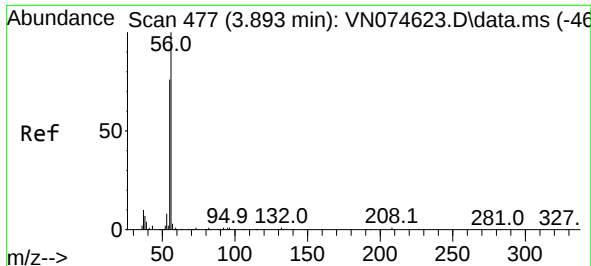
Tgt Ion:142 Resp: 204359  
Ion Ratio Lower Upper  
142 100  
127 39.0 19.3 57.8  
141 14.2 7.7 23.1



#12  
Methyl Acetate  
Concen: 20.893 ug/l  
RT: 4.663 min Scan# 608  
Delta R.T. -0.006 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

Tgt Ion: 43 Resp: 374538  
Ion Ratio Lower Upper  
43 100  
74 23.5 19.0 28.6

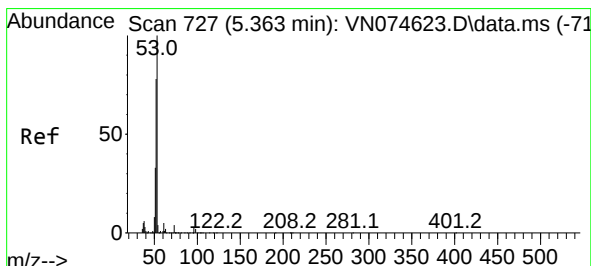
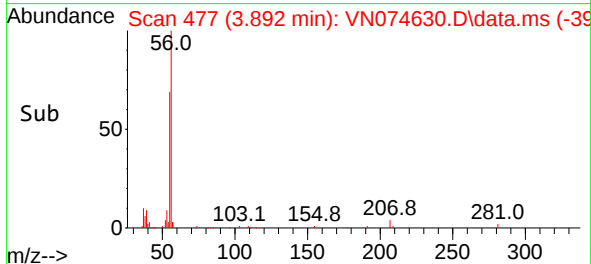
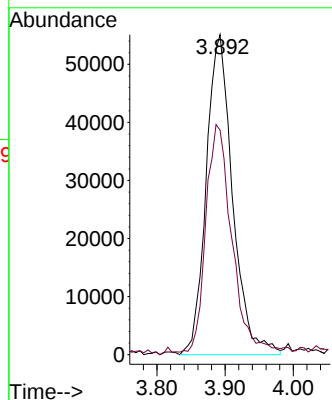
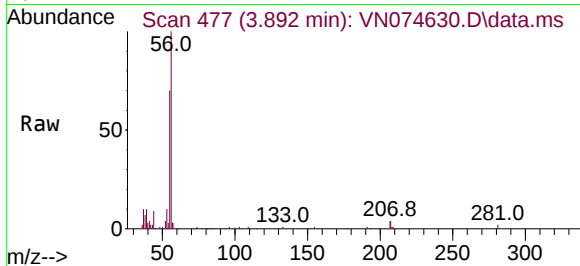




#13  
Acrolein  
Concen: 101.687 ug/l  
RT: 3.892 min Scan# 477  
Delta R.T. -0.000 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

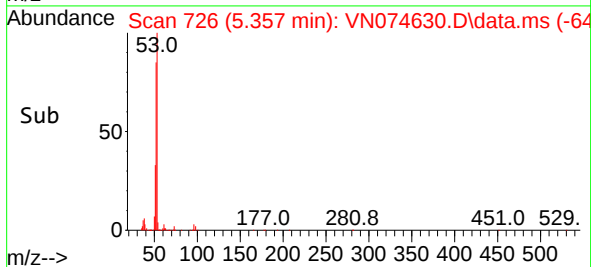
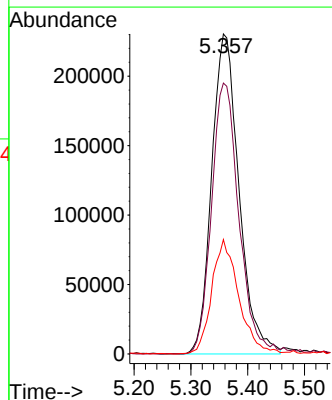
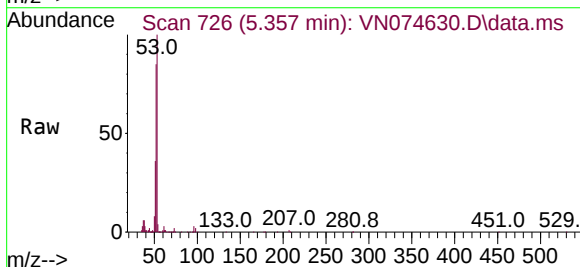
Instrument :  
MSVOA\_N  
ClientSampleId :

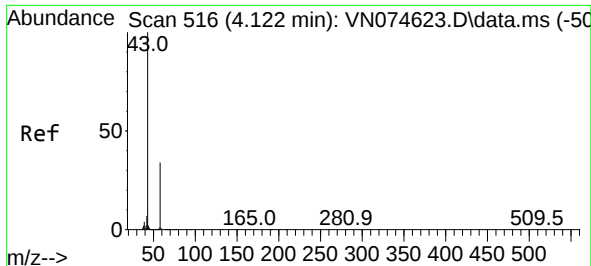
Tgt Ion: 56 Resp: 148367  
Ion Ratio Lower Upper  
56 100  
55 67.6 56.2 84.2



#14  
Acrylonitrile  
Concen: 105.806 ug/l  
RT: 5.357 min Scan# 726  
Delta R.T. -0.006 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

Tgt Ion: 53 Resp: 768801  
Ion Ratio Lower Upper  
53 100  
52 84.2 40.8 122.4  
51 35.0 17.0 51.0

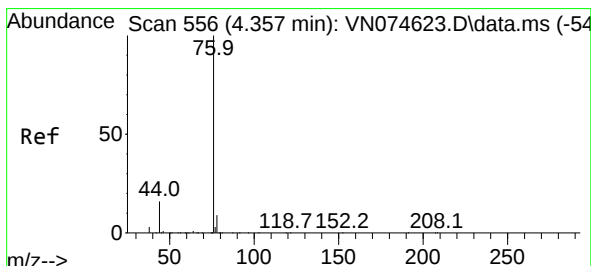
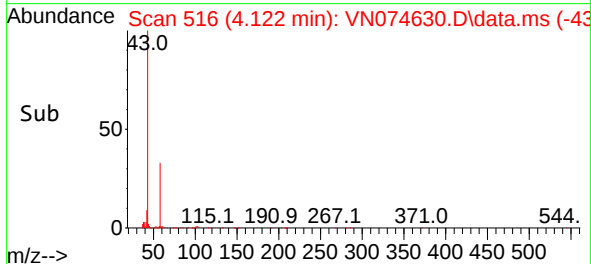
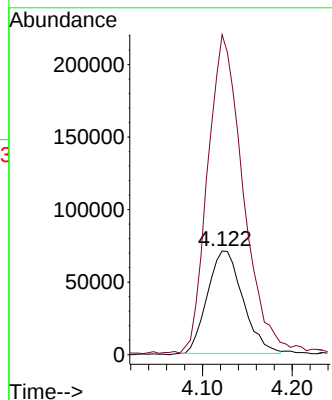
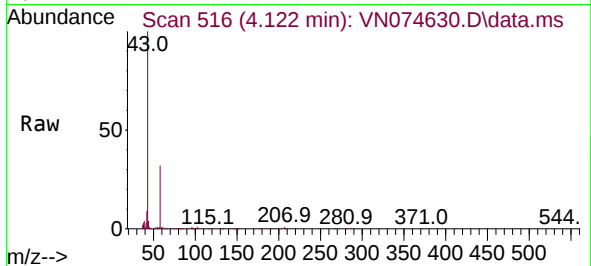




#15  
Acetone  
Concen: 101.530 ug/l  
RT: 4.122 min Scan# 516  
Delta R.T. -0.000 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

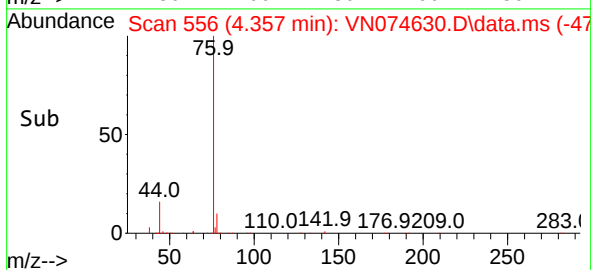
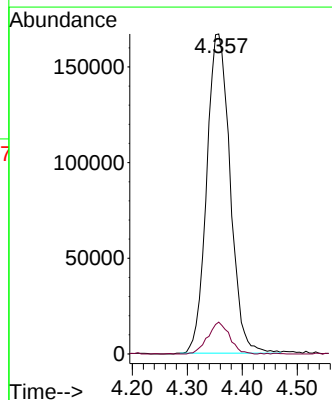
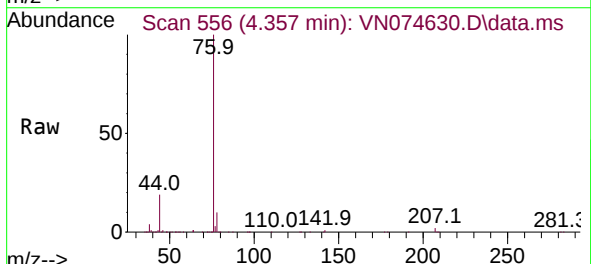
Instrument :  
MSVOA\_N  
ClientSampleId :

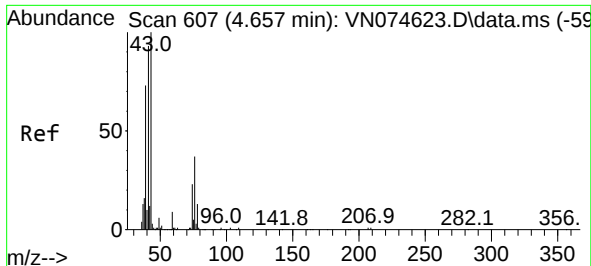
Tgt Ion: 58 Resp: 193765  
Ion Ratio Lower Upper  
58 100  
43 311.0 232.2 348.4



#16  
Carbon Disulfide  
Concen: 20.992 ug/l  
RT: 4.357 min Scan# 556  
Delta R.T. -0.000 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

Tgt Ion: 76 Resp: 493956  
Ion Ratio Lower Upper  
76 100  
78 10.0 7.2 10.8





#17

Allyl chloride

Concen: 21.815 ug/l

RT: 4.651 min Scan# 607

Delta R.T. -0.006 min

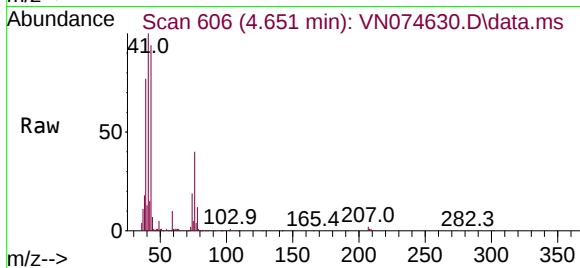
Lab File: VN074630.D

Acq: 27 Sep 2022 16:28

Instrument :

MSVOA\_N

ClientSampleId :



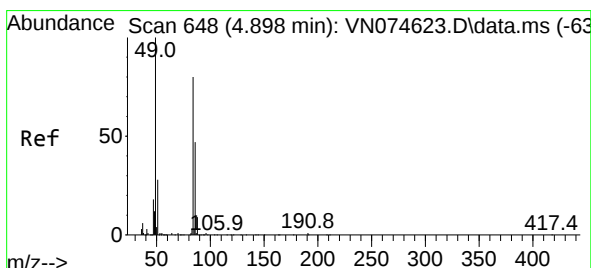
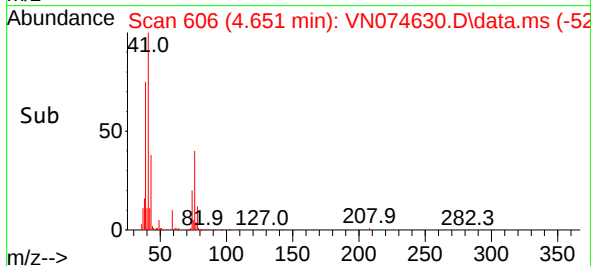
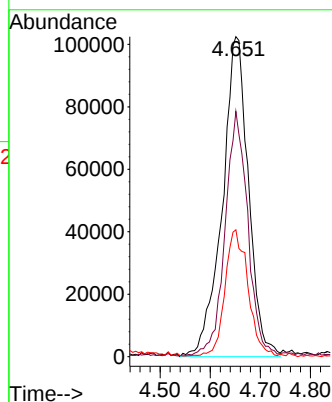
Tgt Ion: 41 Resp: 372464

Ion Ratio Lower Upper

41 100

39 76.3 39.1 117.5

76 39.2 19.8 59.4



#18

Methylene Chloride

Concen: 21.064 ug/l

RT: 4.910 min Scan# 650

Delta R.T. 0.012 min

Lab File: VN074630.D

Acq: 27 Sep 2022 16:28

Tgt Ion: 84 Resp: 224832

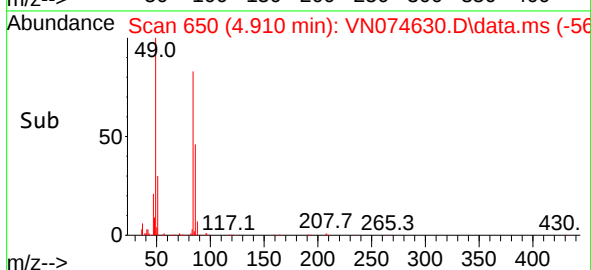
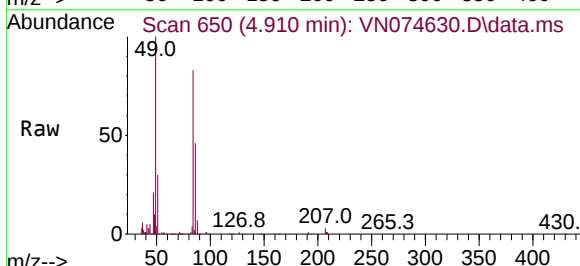
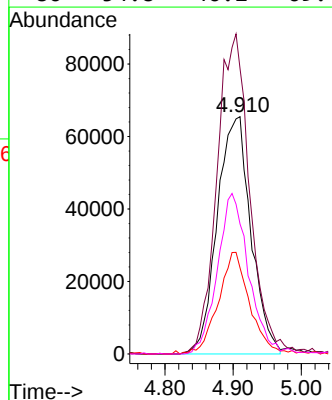
Ion Ratio Lower Upper

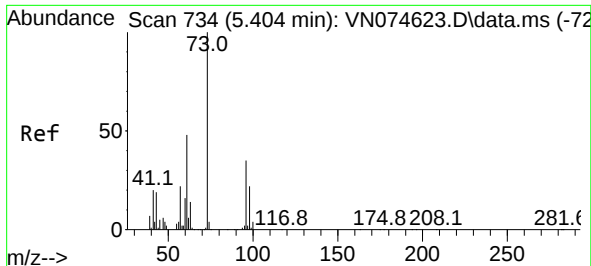
84 100

49 120.2 99.6 149.4

51 36.3 28.2 42.2

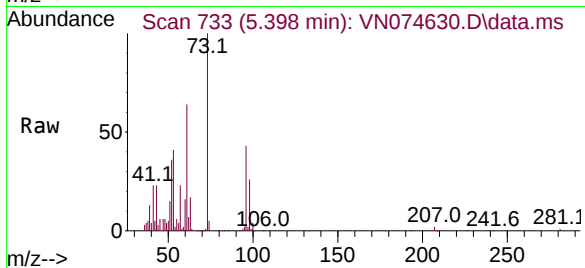
86 54.8 46.2 69.4



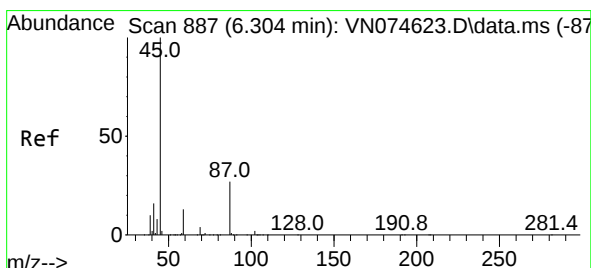
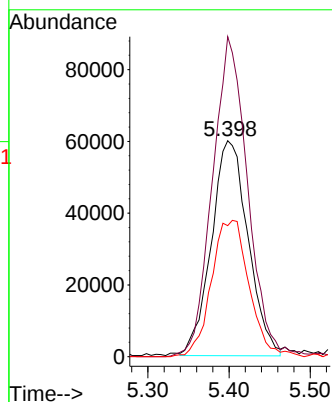
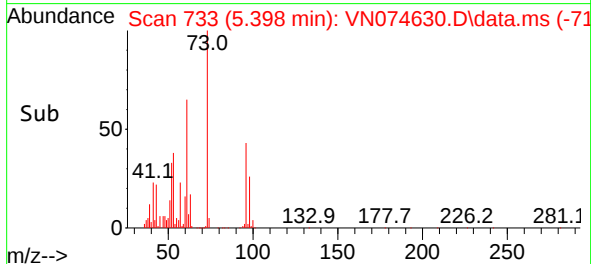


#19  
trans-1,2-Dichloroethene  
Concen: 19.913 ug/l  
RT: 5.398 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

Instrument :  
MSVOA\_N  
ClientSampleId :

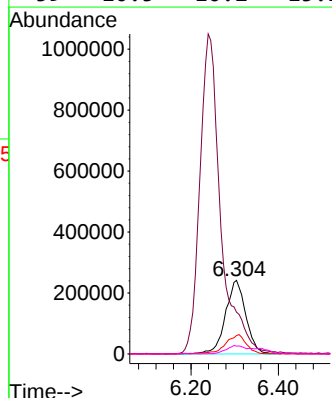
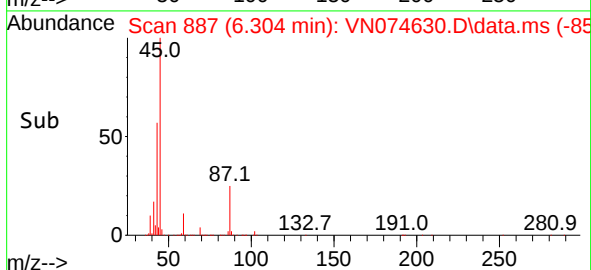
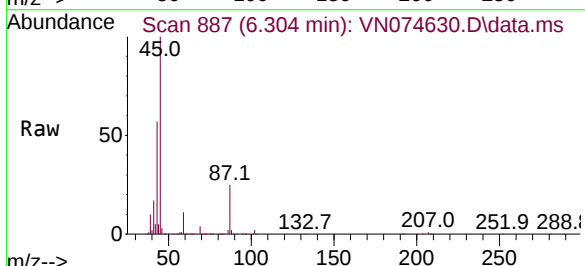


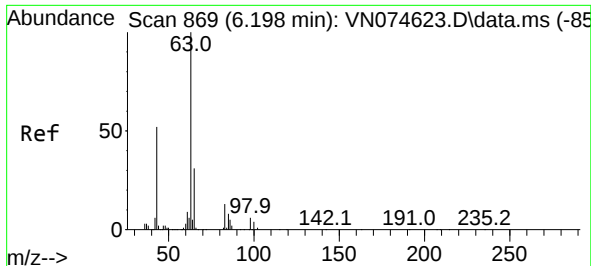
Tgt Ion: 96 Resp: 188433  
Ion Ratio Lower Upper  
96 100  
61 148.3 110.2 165.4  
98 60.6 50.0 75.0



#20  
Diisopropyl ether  
Concen: 20.846 ug/l  
RT: 6.304 min Scan# 887  
Delta R.T. -0.000 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

Tgt Ion: 45 Resp: 778527  
Ion Ratio Lower Upper  
45 100  
43 55.8 47.3 70.9  
87 24.9 21.8 32.8  
59 10.5 10.2 15.2





#21

1,1-Dichloroethane

Concen: 21.498 ug/l

RT: 6.198 min Scan# 869

Delta R.T. -0.000 min

Lab File: VN074630.D

Acq: 27 Sep 2022 16:28

Instrument :

MSVOA\_N

ClientSampleId :

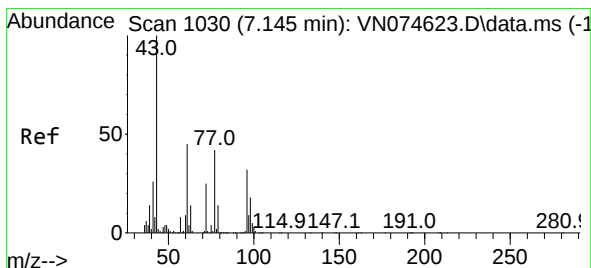
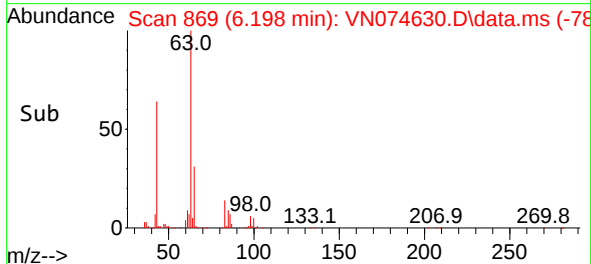
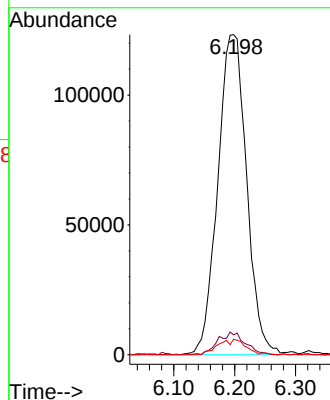
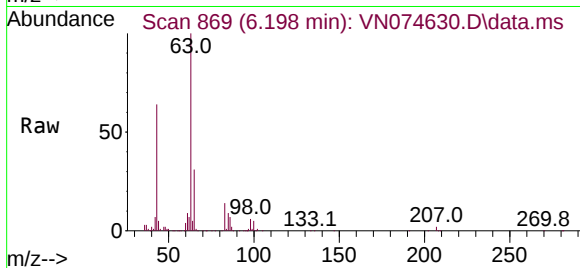
Tgt Ion: 63 Resp: 405469

Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.9

100 4.9 2.2 6.6



#22

cis-1,2-Dichloroethene

Concen: 20.408 ug/l

RT: 7.151 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VN074630.D

Acq: 27 Sep 2022 16:28

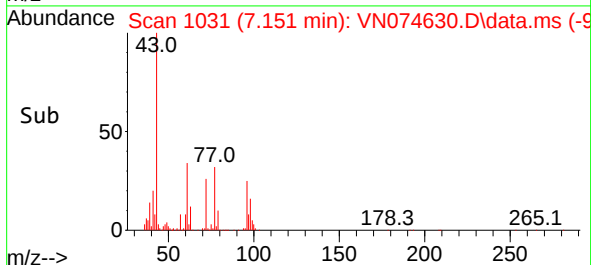
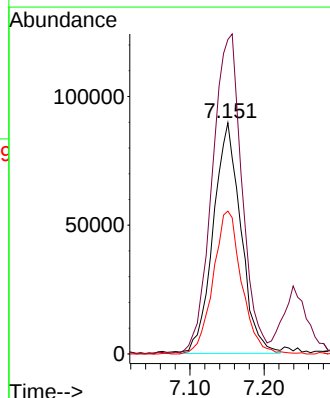
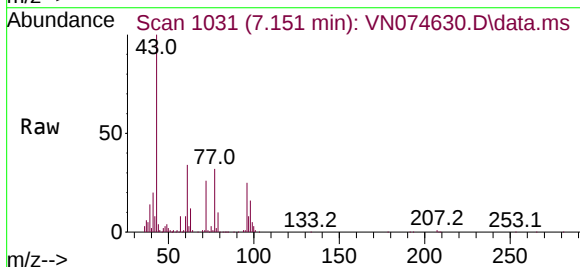
Tgt Ion: 96 Resp: 232997

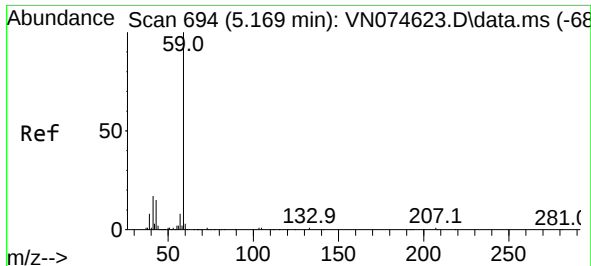
Ion Ratio Lower Upper

96 100

61 149.0 118.8 178.2

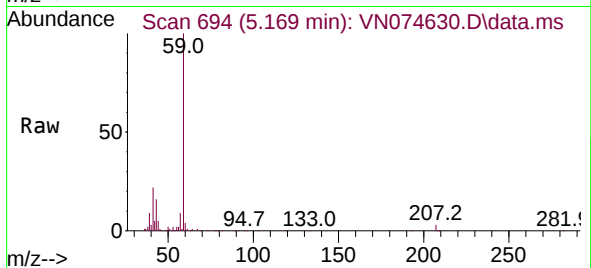
98 63.3 52.1 78.1



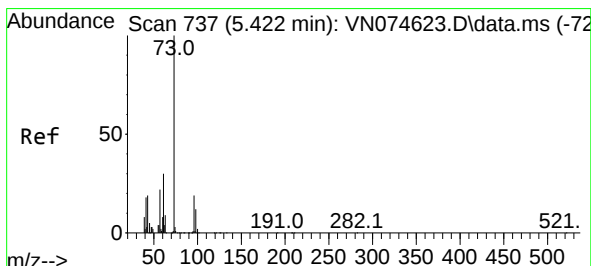
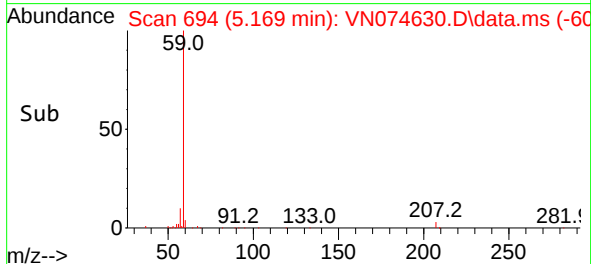
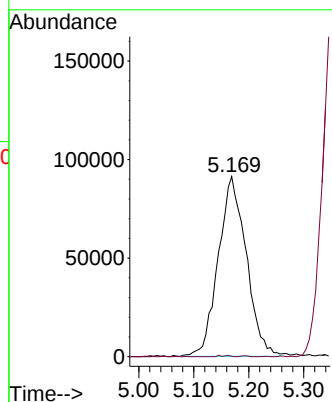


#23  
tert-Butyl Alcohol  
Concen: 107.988 ug/l  
RT: 5.169 min Scan# 694  
Delta R.T. -0.000 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

Instrument :  
MSVOA\_N  
ClientSampleId :

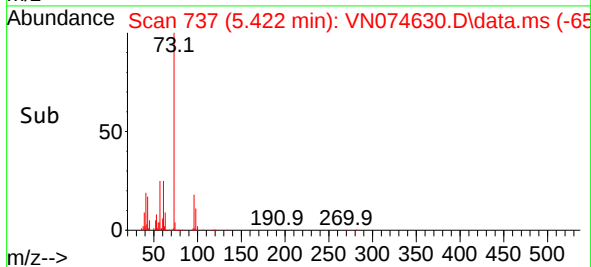
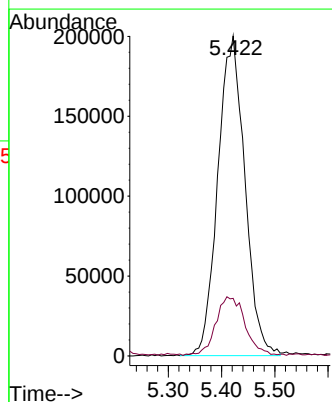
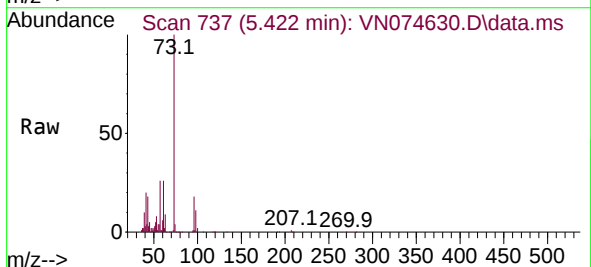


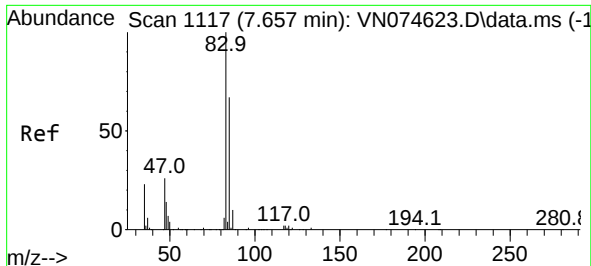
Tgt Ion: 59 Resp: 323095  
Ion Ratio Lower Upper  
59 100  
52 0.1 0.2 0.4#



#24  
Methyl tert-Butyl Ether  
Concen: 20.310 ug/l  
RT: 5.422 min Scan# 737  
Delta R.T. -0.000 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

Tgt Ion: 73 Resp: 704665  
Ion Ratio Lower Upper  
73 100  
43 19.2 15.6 23.4





#25

Chloroform

Concen: 20.411 ug/l

RT: 7.657 min Scan# 1117

Delta R.T. -0.000 min

Lab File: VN074630.D

Acq: 27 Sep 2022 16:28

Instrument :

MSVOA\_N

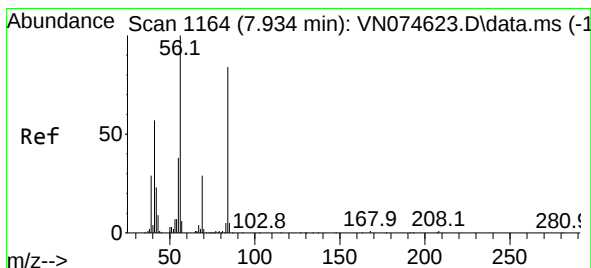
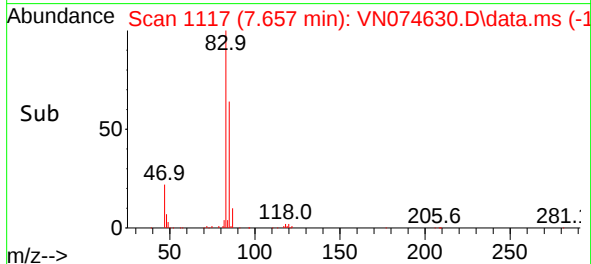
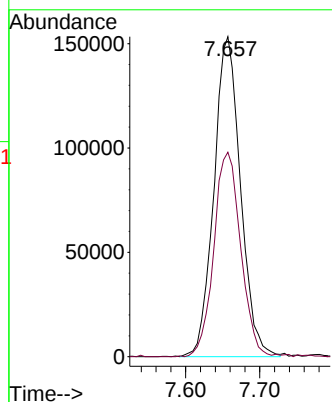
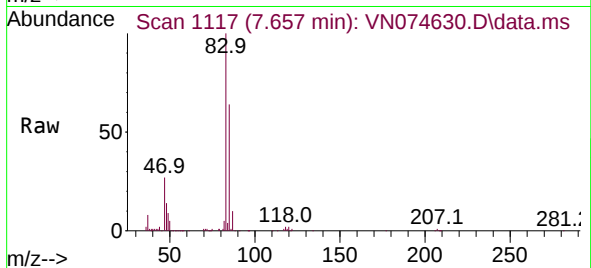
ClientSampleId :

Tgt Ion: 83 Resp: 381642

Ion Ratio Lower Upper

83 100

85 63.7 53.6 80.4



#26

Cyclohexane

Concen: 22.208 ug/l

RT: 7.933 min Scan# 1164

Delta R.T. -0.000 min

Lab File: VN074630.D

Acq: 27 Sep 2022 16:28

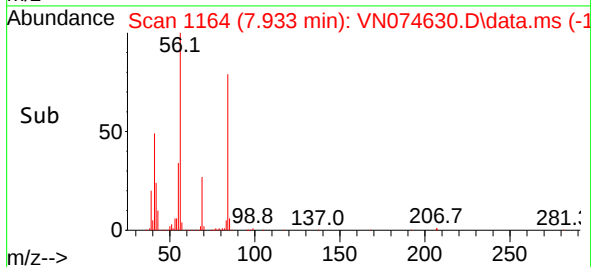
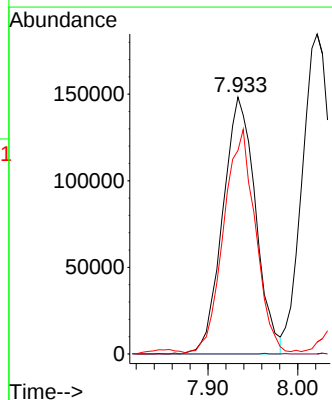
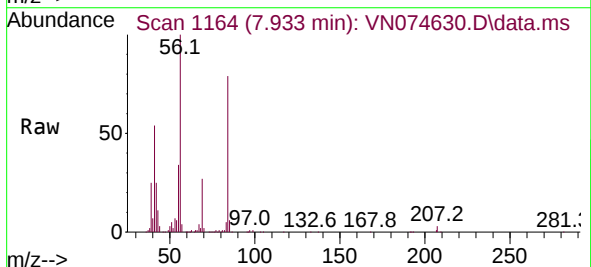
Tgt Ion: 56 Resp: 376654

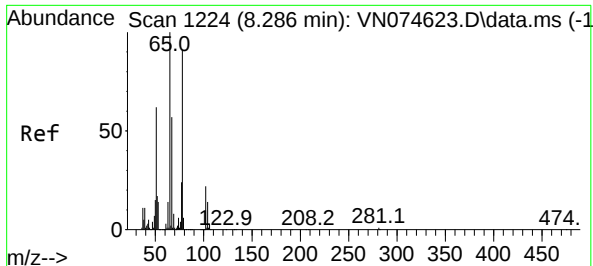
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 85.0 68.4 102.6





#27

1,2-Dichloroethane-d4

Concen: 30.464 ug/l

RT: 8.286 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN074630.D

Acq: 27 Sep 2022 16:28

Instrument :

MSVOA\_N

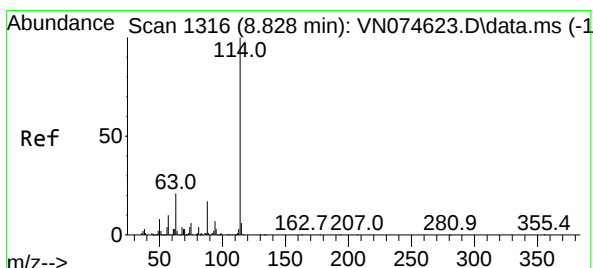
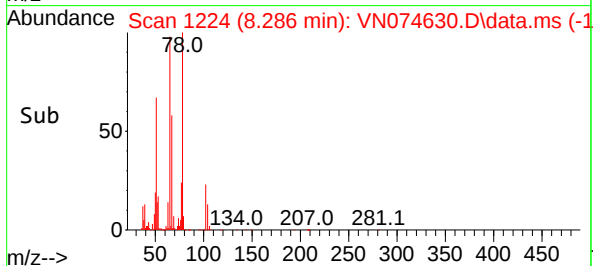
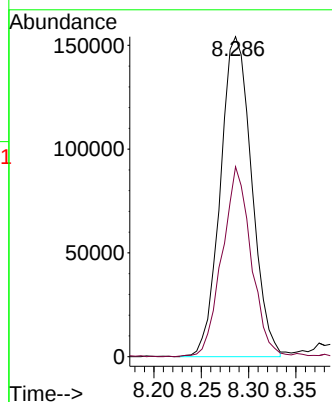
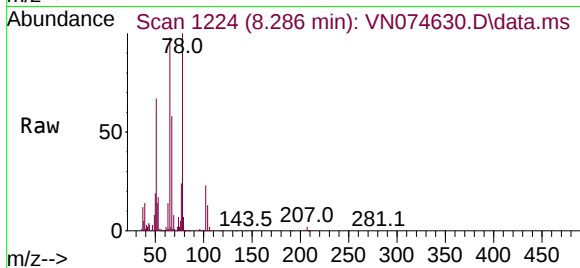
ClientSampleId :

Tgt Ion: 65 Resp: 354542

Ion Ratio Lower Upper

65 100

67 55.1 45.2 67.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.827 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN074630.D

Acq: 27 Sep 2022 16:28

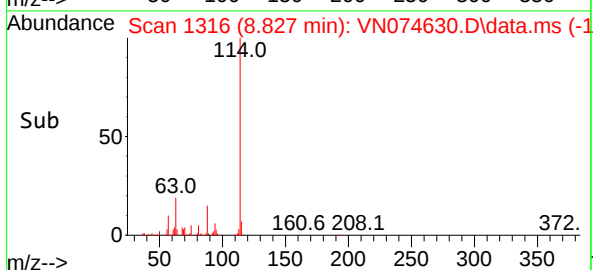
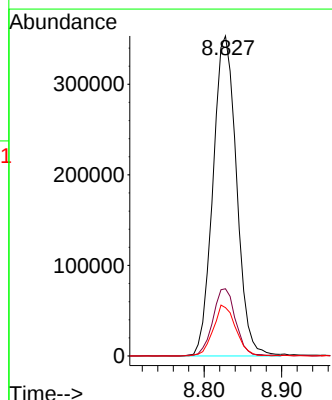
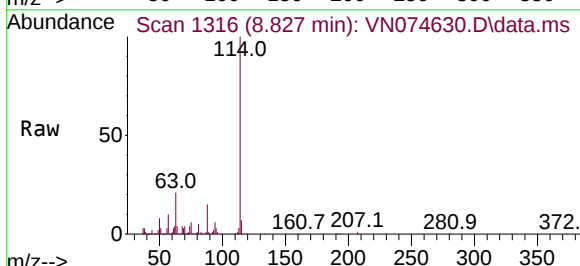
Tgt Ion: 114 Resp: 746530

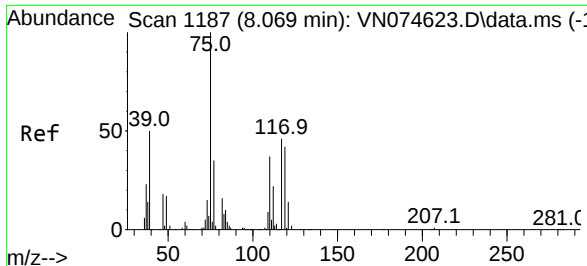
Ion Ratio Lower Upper

114 100

63 20.3 16.6 25.0

88 15.1 12.2 18.4





#29

1,1-Dichloropropene

Concen: 20.451 ug/l

RT: 8.069 min Scan# 1187

Delta R.T. -0.000 min

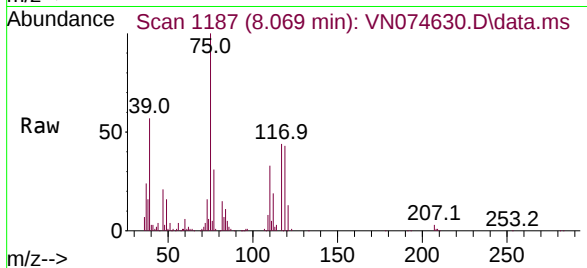
Lab File: VN074630.D

Acq: 27 Sep 2022 16:28

Instrument :

MSVOA\_N

ClientSampleId :



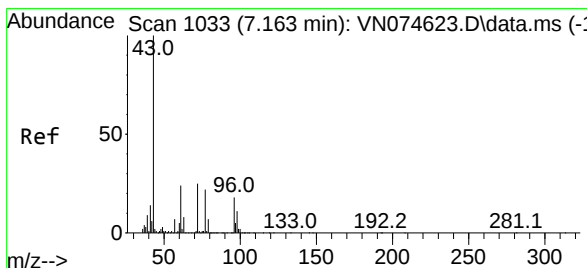
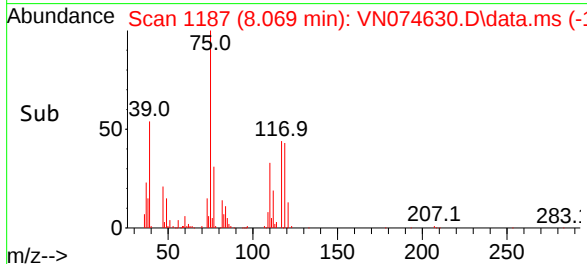
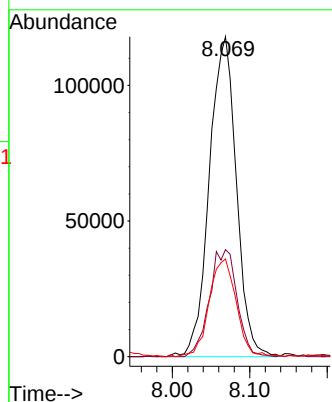
Tgt Ion: 75 Resp: 285166

Ion Ratio Lower Upper

75 100

110 16.9 0.0 72.2

77 30.3 0.0 64.0



#30

2-Butanone

Concen: 102.932 ug/l

RT: 7.163 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VN074630.D

Acq: 27 Sep 2022 16:28

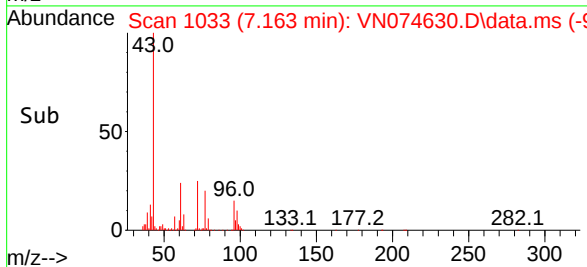
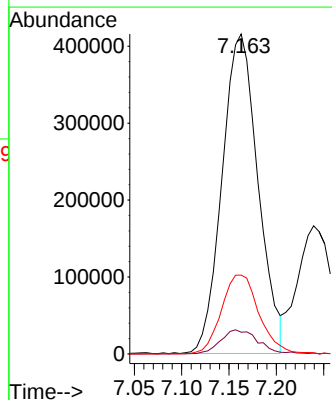
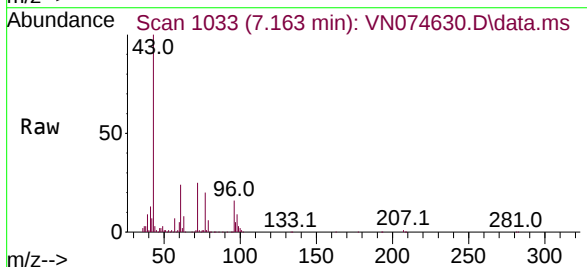
Tgt Ion: 43 Resp: 1095008

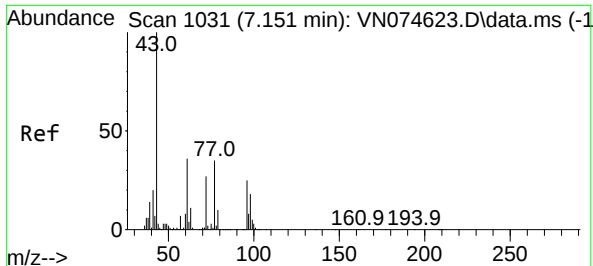
Ion Ratio Lower Upper

43 100

57 7.8 6.3 9.5

72 26.0 21.0 31.4

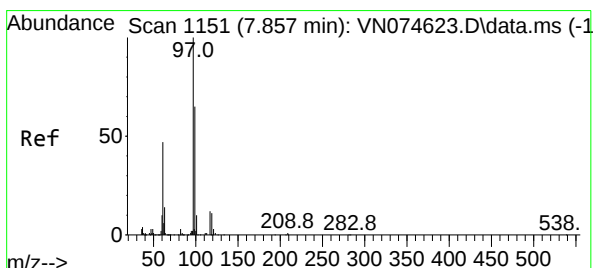
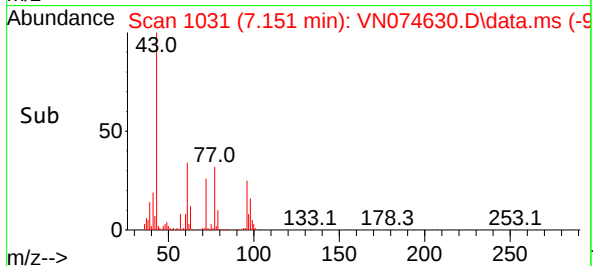
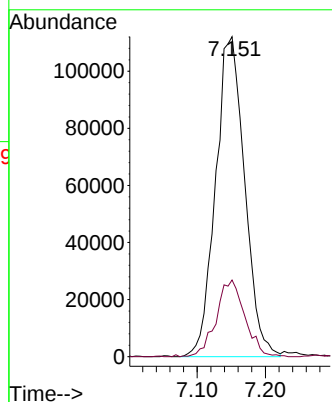
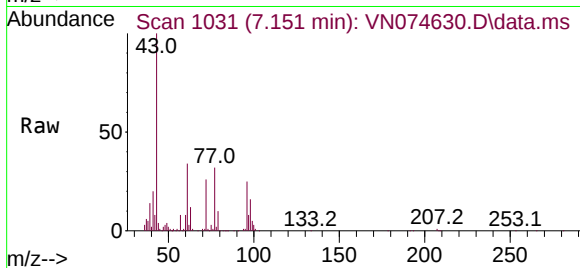




#31  
2,2-Dichloropropane  
Concen: 20.005 ug/l  
RT: 7.151 min Scan# 1100  
Delta R.T. -0.000 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

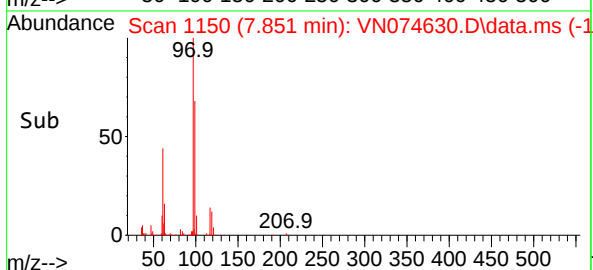
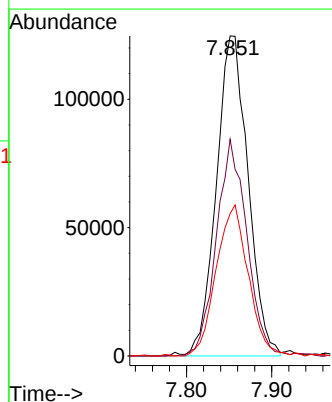
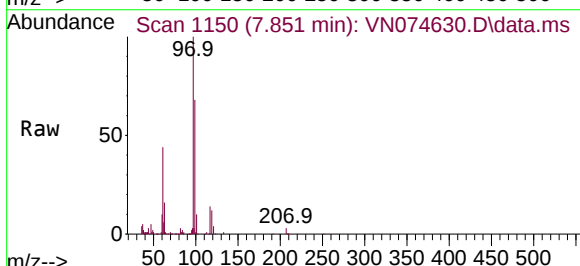
Instrument :  
MSVOA\_N  
ClientSampleId :

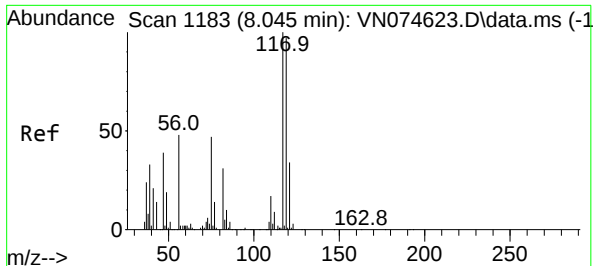
Tgt Ion: 77 Resp: 332999  
Ion Ratio Lower Upper  
77 100  
97 23.6 18.4 27.6



#32  
1,1,1-Trichloroethane  
Concen: 19.588 ug/l  
RT: 7.851 min Scan# 1150  
Delta R.T. -0.006 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

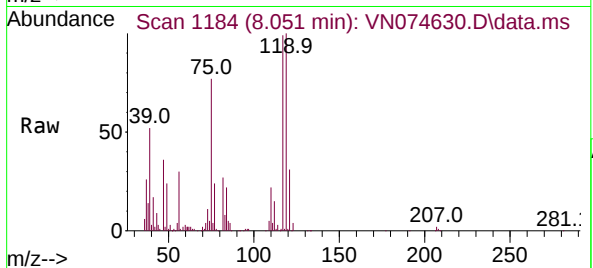
Tgt Ion: 97 Resp: 322646  
Ion Ratio Lower Upper  
97 100  
99 64.9 50.0 75.0  
61 47.7 36.1 54.1



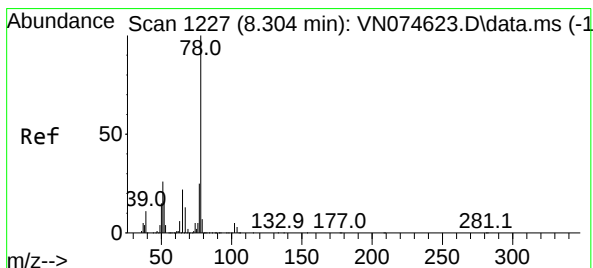
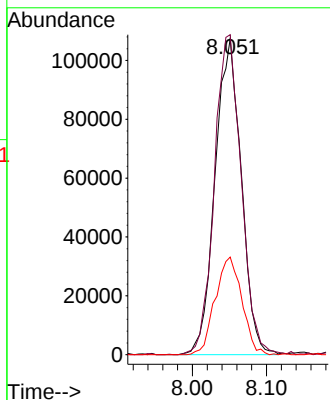
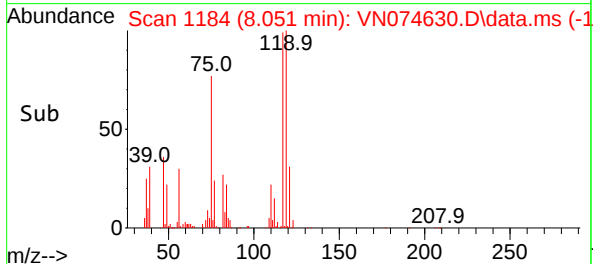


#33  
Carbon Tetrachloride  
Concen: 19.161 ug/l  
RT: 8.051 min Scan# 1184  
Delta R.T. 0.006 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

Instrument :  
MSVOA\_N  
ClientSampleId :

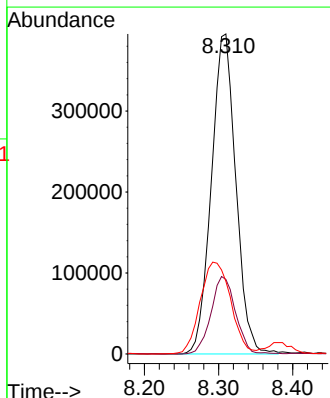
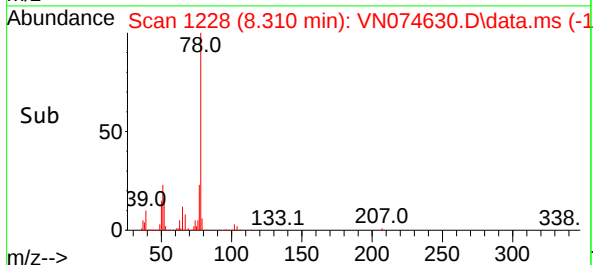
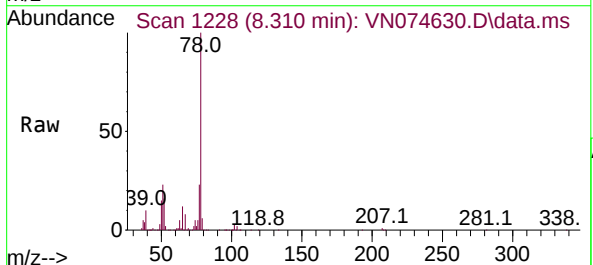


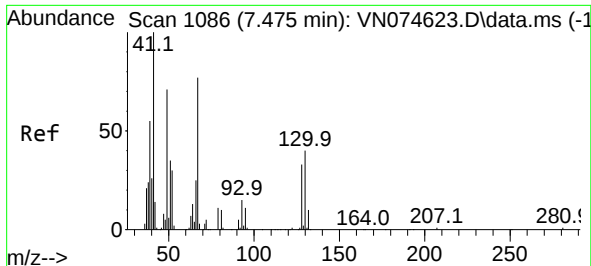
Tgt Ion:117 Resp: 263971  
Ion Ratio Lower Upper  
117 100  
119 101.2 77.8 116.6  
121 30.9 27.6 41.4



#34  
Benzene  
Concen: 19.656 ug/l  
RT: 8.310 min Scan# 1228  
Delta R.T. 0.006 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

Tgt Ion: 78 Resp: 907299  
Ion Ratio Lower Upper  
78 100  
77 23.3 19.9 29.9  
51 22.3 21.1 31.7





#35

Methacrylonitrile

Concen: 17.735 ug/l

RT: 7.475 min Scan# 1086

Delta R.T. -0.000 min

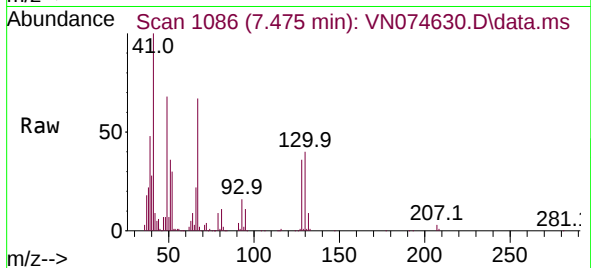
Lab File: VN074630.D

Acq: 27 Sep 2022 16:28

Instrument :

MSVOA\_N

ClientSampleId :



Tgt Ion: 41 Resp: 179497

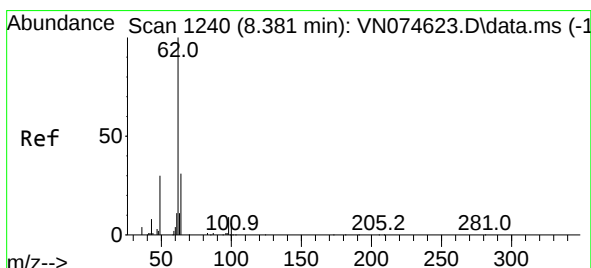
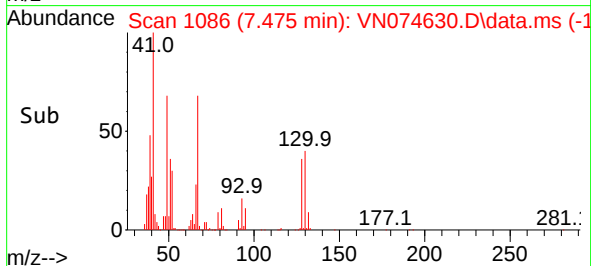
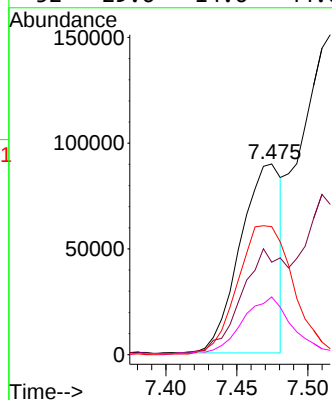
Ion Ratio Lower Upper

41 100

39 47.9 27.7 83.1

67 67.3 38.0 113.9

52 29.6 14.6 44.0



#36

1,2-Dichloroethane

Concen: 18.679 ug/l

RT: 8.386 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VN074630.D

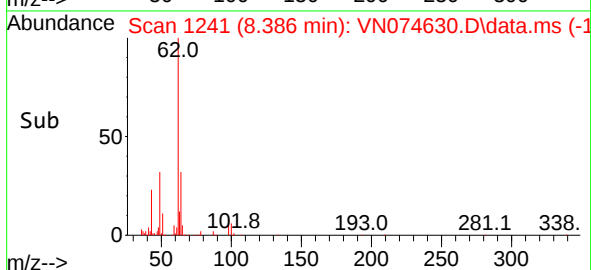
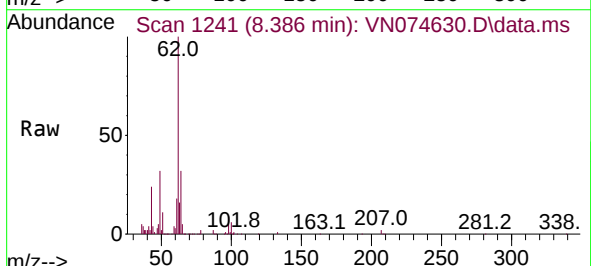
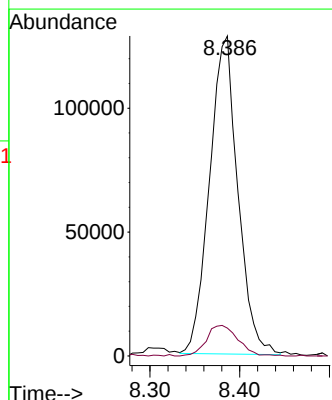
Acq: 27 Sep 2022 16:28

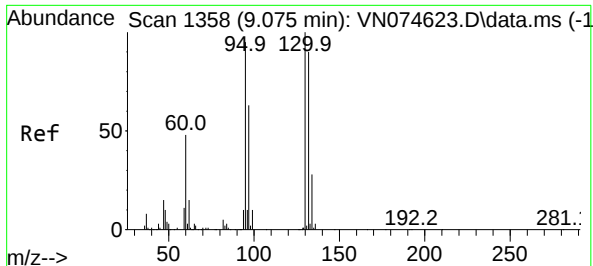
Tgt Ion: 62 Resp: 281542

Ion Ratio Lower Upper

62 100

98 10.5 7.4 11.2





#37

Trichloroethene

Concen: 19.648 ug/l

RT: 9.074 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN074630.D

Acq: 27 Sep 2022 16:28

Instrument :

MSVOA\_N

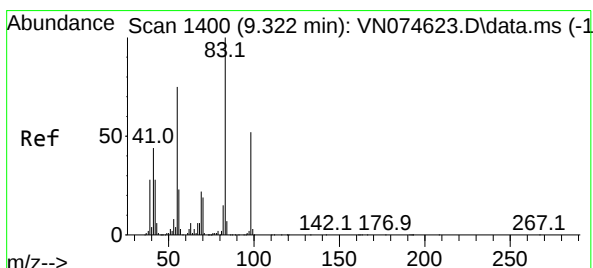
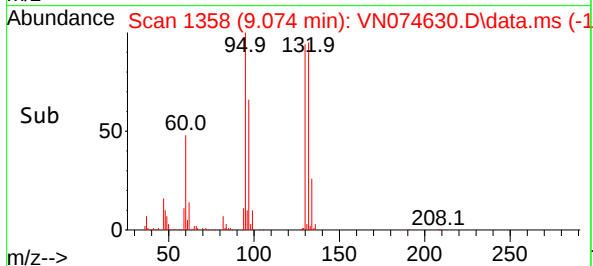
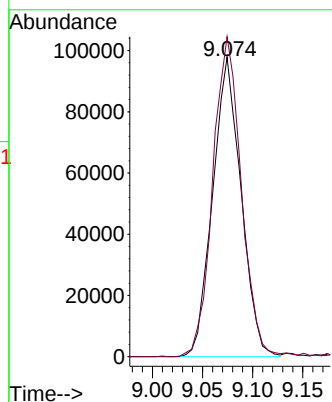
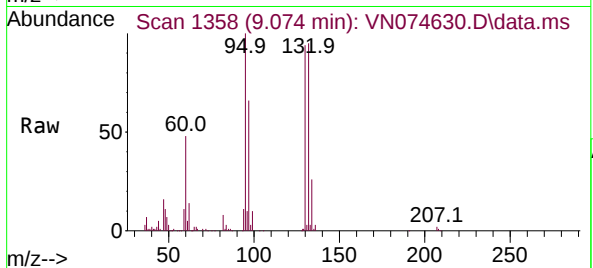
ClientSampleId :

Tgt Ion:130 Resp: 192584

Ion Ratio Lower Upper

130 100

95 106.6 75.9 113.9



#38

Methylcyclohexane

Concen: 20.842 ug/l

RT: 9.322 min Scan# 1400

Delta R.T. -0.000 min

Lab File: VN074630.D

Acq: 27 Sep 2022 16:28

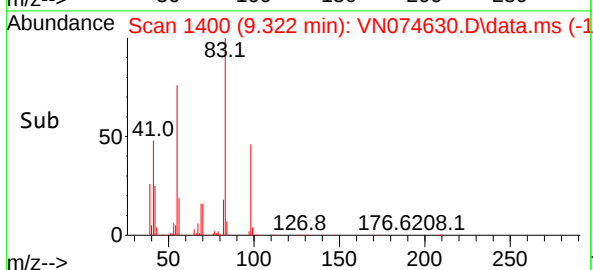
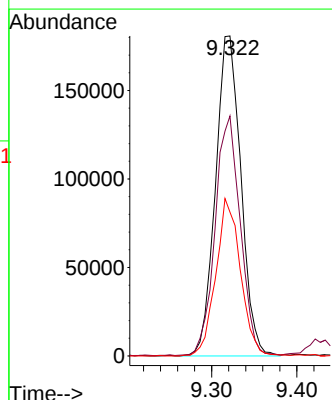
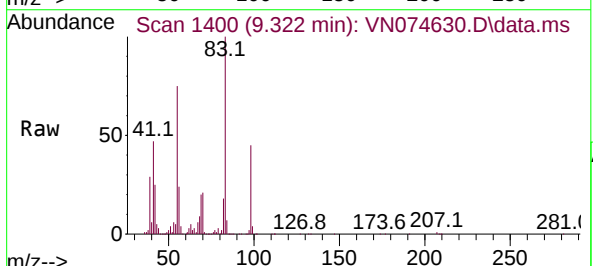
Tgt Ion: 83 Resp: 376125

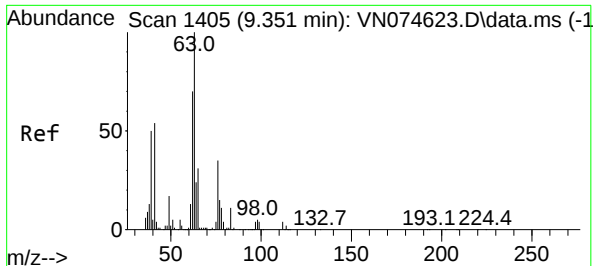
Ion Ratio Lower Upper

83 100

55 73.8 37.4 112.2

98 47.6 24.5 73.5





#39

1,2-Dichloropropane

Concen: 20.282 ug/l

RT: 9.351 min Scan# 1405

Delta R.T. -0.000 min

Lab File: VN074630.D

Acq: 27 Sep 2022 16:28

Instrument :

MSVOA\_N

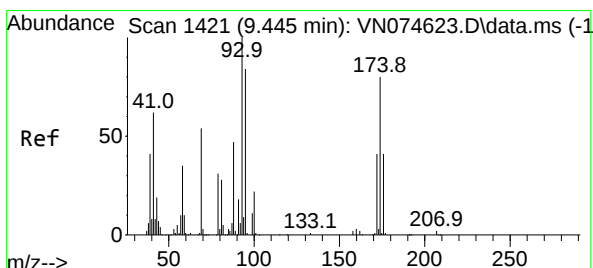
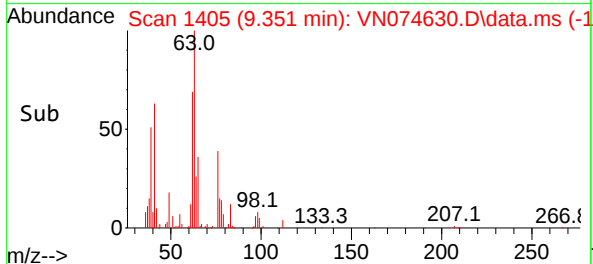
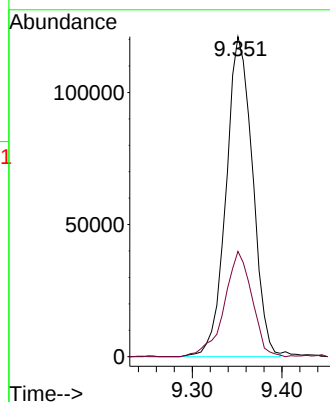
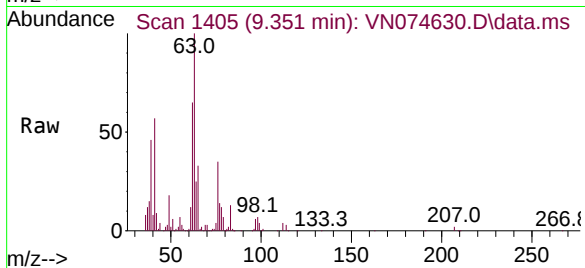
ClientSampleId :

Tgt Ion: 63 Resp: 247877

Ion Ratio Lower Upper

63 100

65 32.9 25.0 37.6



#40

Dibromomethane

Concen: 19.452 ug/l

RT: 9.445 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VN074630.D

Acq: 27 Sep 2022 16:28

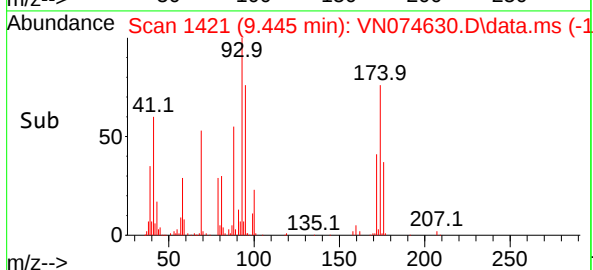
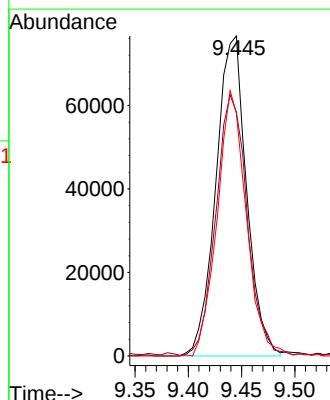
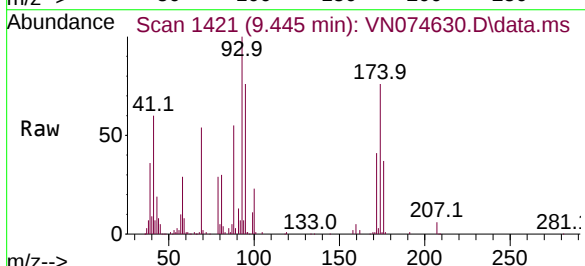
Tgt Ion: 93 Resp: 153396

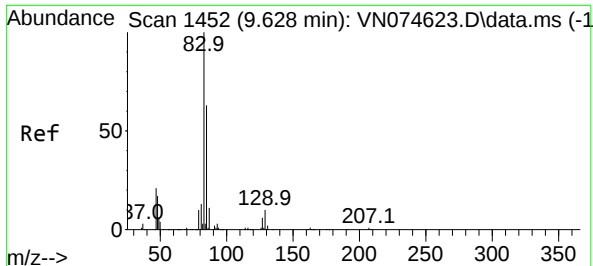
Ion Ratio Lower Upper

93 100

95 83.3 0.0 168.0

174 78.8 0.0 158.4

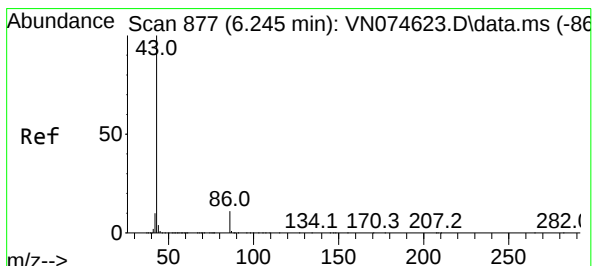
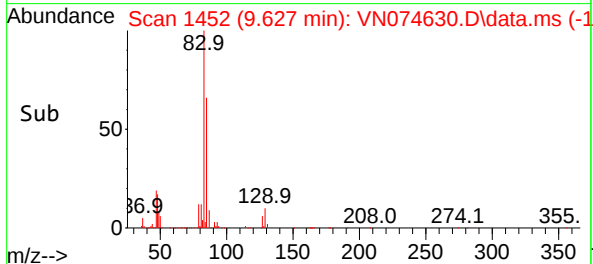
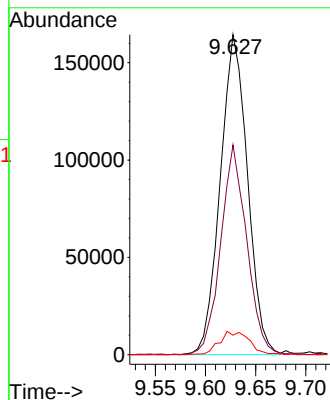
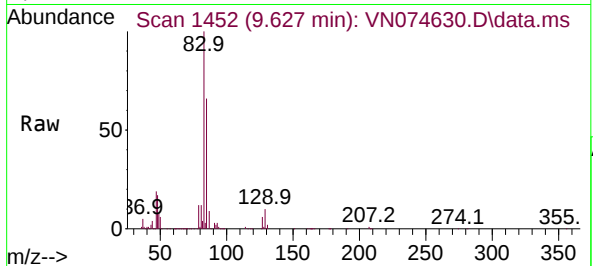




#41  
Bromodichloromethane  
Concen: 19.815 ug/l  
RT: 9.627 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

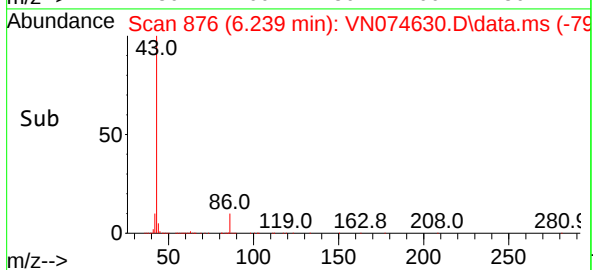
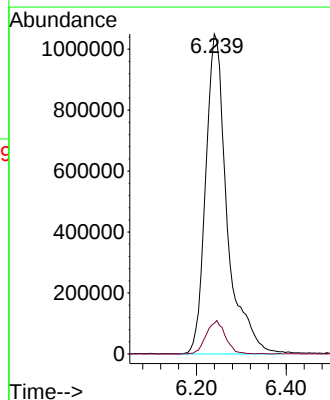
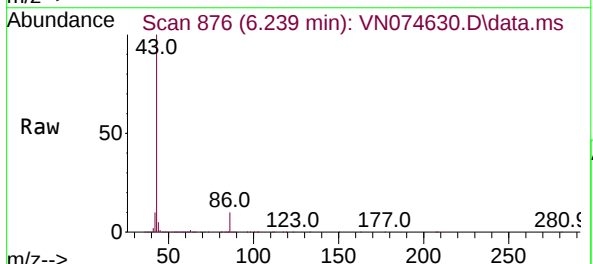
Instrument :  
MSVOA\_N  
ClientSampleId :

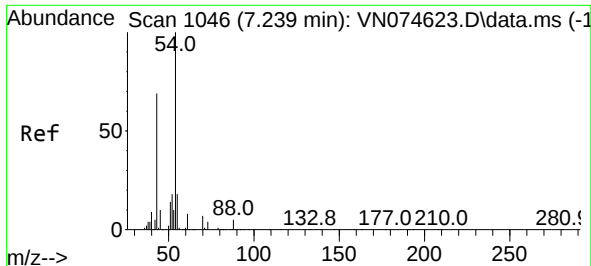
Tgt Ion: 83 Resp: 310612  
Ion Ratio Lower Upper  
83 100  
85 65.4 50.2 75.4  
127 6.1 5.1 7.7



#42  
Vinyl Acetate  
Concen: 100.699 ug/l  
RT: 6.239 min Scan# 876  
Delta R.T. -0.006 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

Tgt Ion: 43 Resp: 3482185  
Ion Ratio Lower Upper  
43 100  
86 9.3 7.5 11.3





#43

Ethyl Acetate

Concen: 21.824 ug/l

RT: 7.239 min Scan# 1046

Delta R.T. -0.000 min

Lab File: VN074630.D

Acq: 27 Sep 2022 16:28

Instrument :

MSVOA\_N

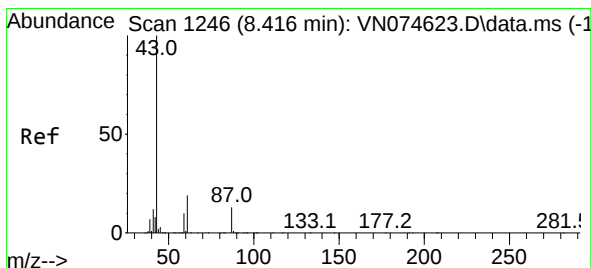
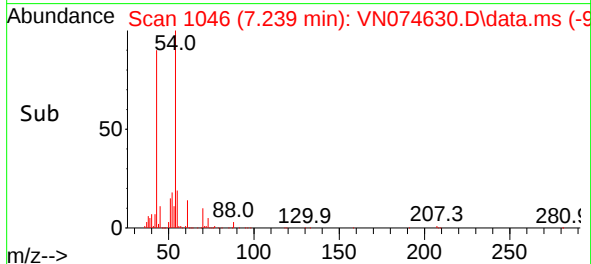
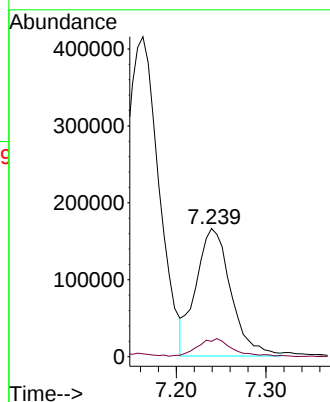
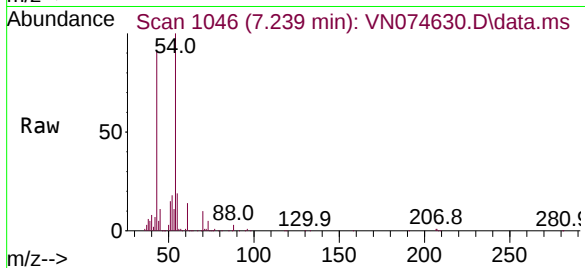
ClientSampleId :

Tgt Ion: 43 Resp: 449663

Ion Ratio Lower Upper

43 100

45 13.4 11.5 17.3



#44

Isopropyl Acetate

Concen: 20.592 ug/l

RT: 8.416 min Scan# 1246

Delta R.T. -0.000 min

Lab File: VN074630.D

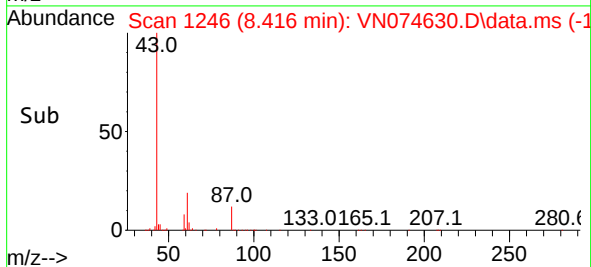
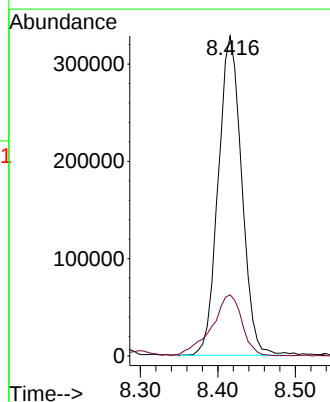
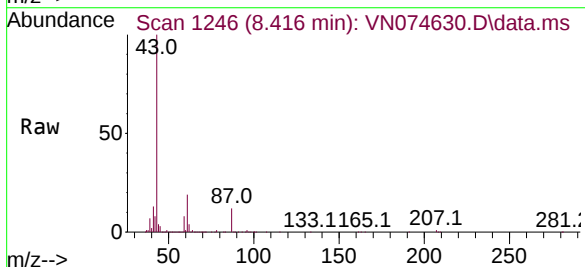
Acq: 27 Sep 2022 16:28

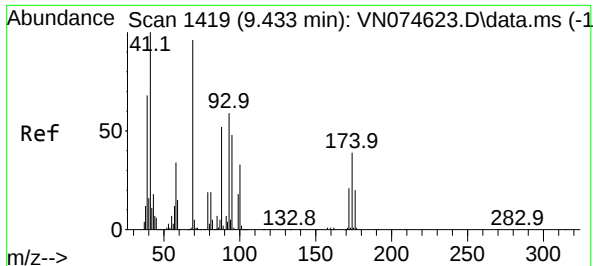
Tgt Ion: 43 Resp: 688975

Ion Ratio Lower Upper

43 100

61 25.0 19.5 29.3





#45

1,4-Dioxane

Concen: 425.618 ug/l

RT: 9.433 min Scan# 1419

Delta R.T. -0.000 min

Lab File: VN074630.D

Acq: 27 Sep 2022 16:28

Instrument :

MSVOA\_N

ClientSampleId :

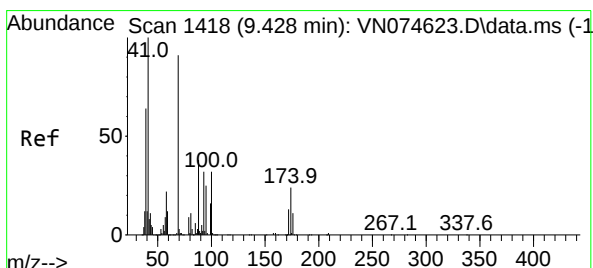
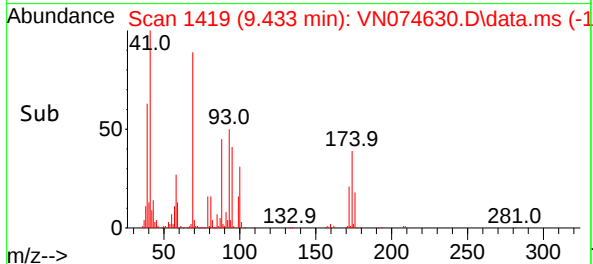
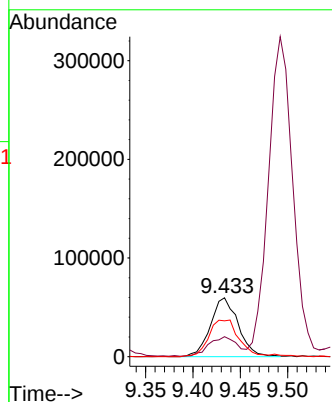
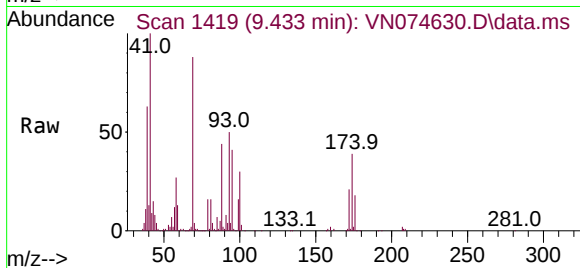
Tgt Ion: 88 Resp: 121523

Ion Ratio Lower Upper

88 100

43 34.2 25.7 38.5

58 67.2 53.4 80.2



#46

Methyl methacrylate

Concen: 20.173 ug/l

RT: 9.422 min Scan# 1417

Delta R.T. -0.006 min

Lab File: VN074630.D

Acq: 27 Sep 2022 16:28

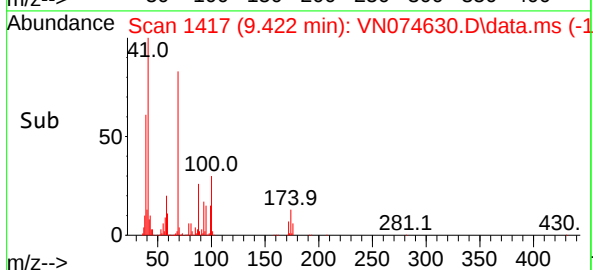
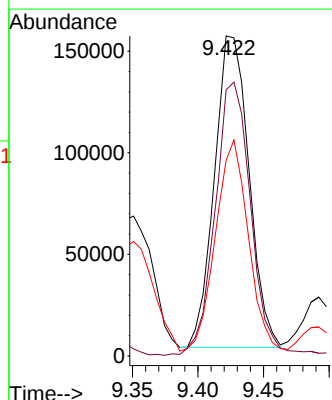
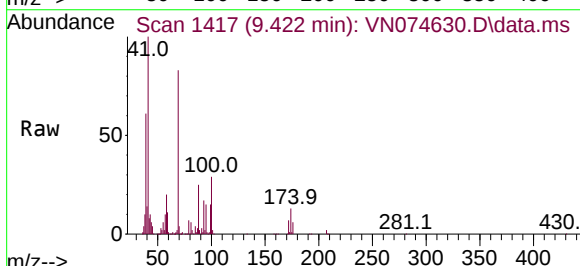
Tgt Ion: 41 Resp: 281116

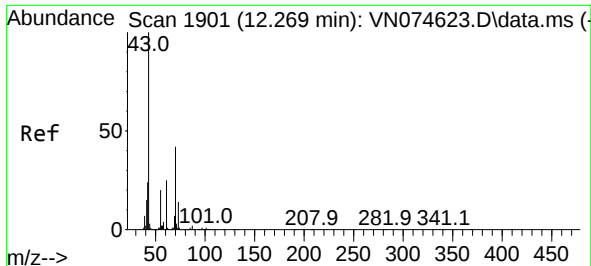
Ion Ratio Lower Upper

41 100

69 84.9 45.6 136.7

39 61.3 32.3 96.9

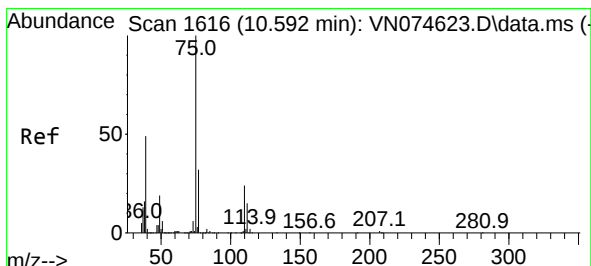
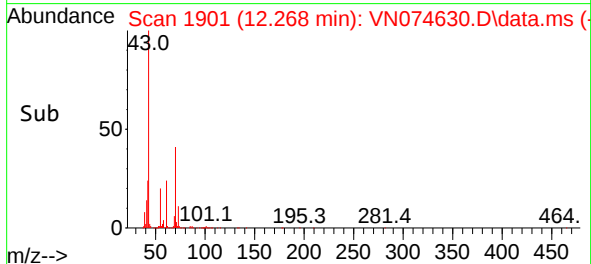
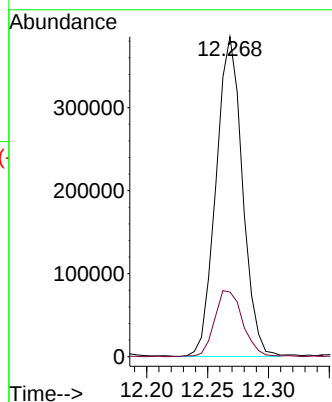
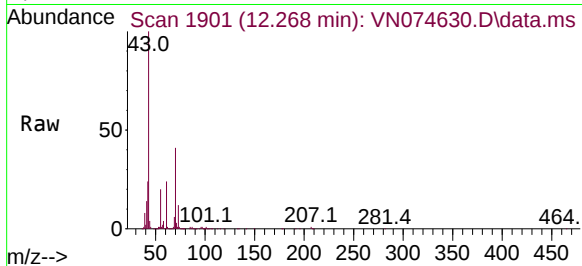




#47  
n-amy1 Acetate  
Concen: 19.055 ug/l  
RT: 12.268 min Scan# 1901  
Delta R.T. -0.000 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

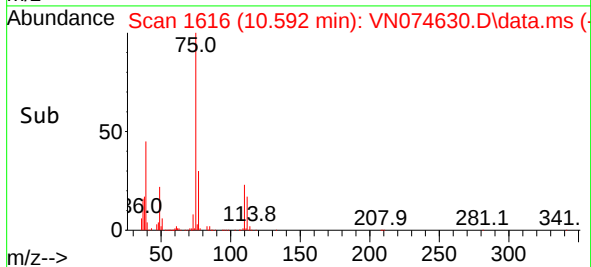
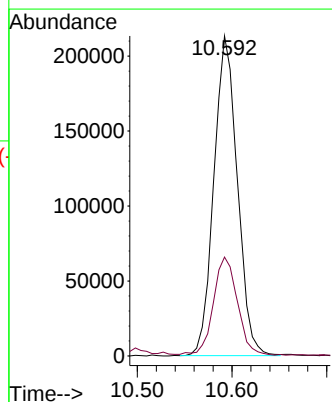
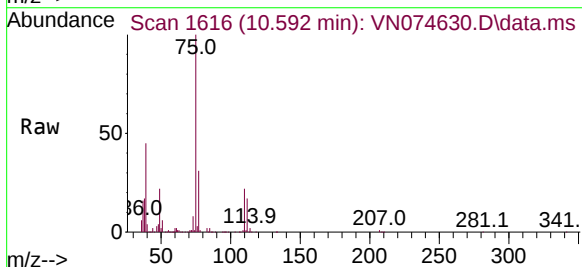
Instrument :  
MSVOA\_N  
ClientSampleId :

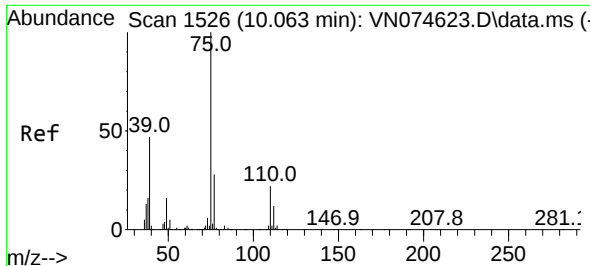
Tgt Ion: 43 Resp: 583529  
Ion Ratio Lower Upper  
43 100  
55 22.0 16.8 25.2



#48  
t-1,3-Dichloropropene  
Concen: 19.281 ug/l  
RT: 10.592 min Scan# 1616  
Delta R.T. -0.000 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

Tgt Ion: 75 Resp: 366924  
Ion Ratio Lower Upper  
75 100  
77 30.5 25.8 38.8





#49

cis-1,3-Dichloropropene

Concen: 19.092 ug/l

RT: 10.057 min Scan# 1525

Delta R.T. -0.006 min

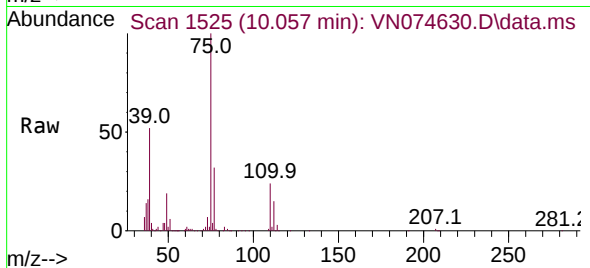
Lab File: VN074630.D

Acq: 27 Sep 2022 16:28

Instrument :

MSVOA\_N

ClientSampleId :



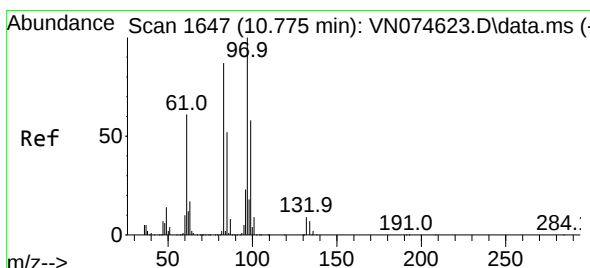
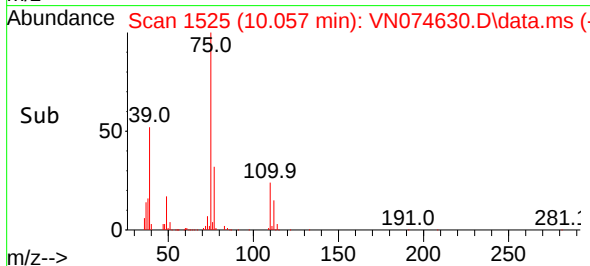
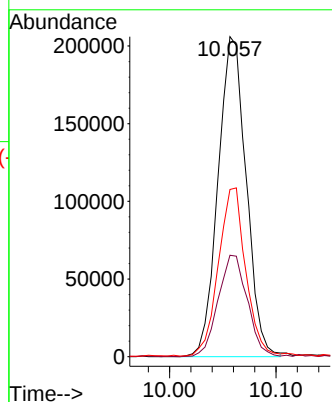
Tgt Ion: 75 Resp: 378066

Ion Ratio Lower Upper

75 100

77 31.7 22.5 33.7

39 52.0 37.6 56.4



#50

1,1,2-Trichloroethane

Concen: 19.463 ug/l

RT: 10.774 min Scan# 1647

Delta R.T. -0.000 min

Lab File: VN074630.D

Acq: 27 Sep 2022 16:28

Tgt Ion: 97 Resp: 223143

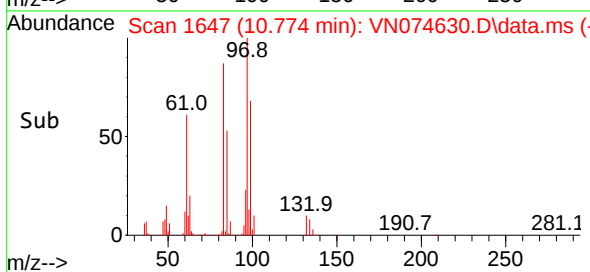
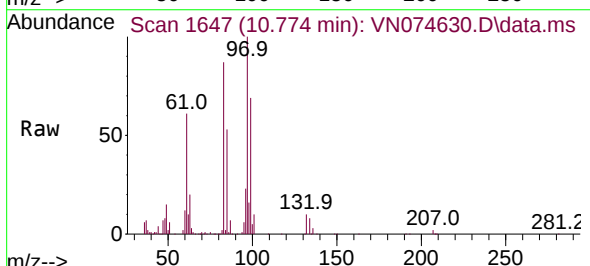
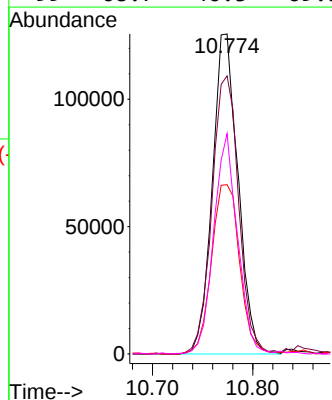
Ion Ratio Lower Upper

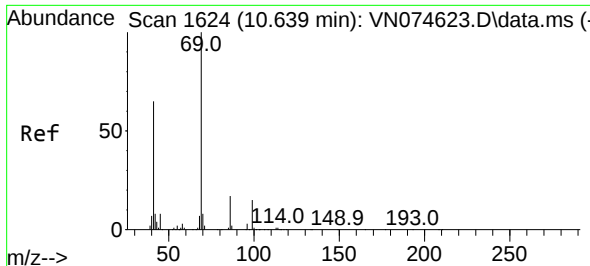
97 100

83 86.9 69.2 103.8

85 52.9 41.4 62.2

99 68.7 46.3 69.5

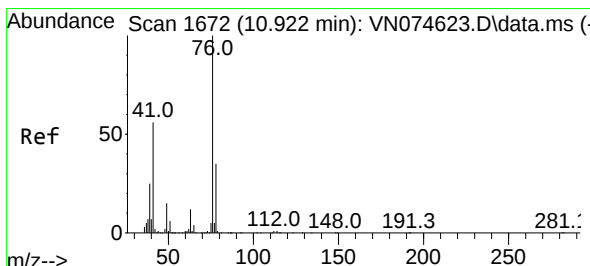
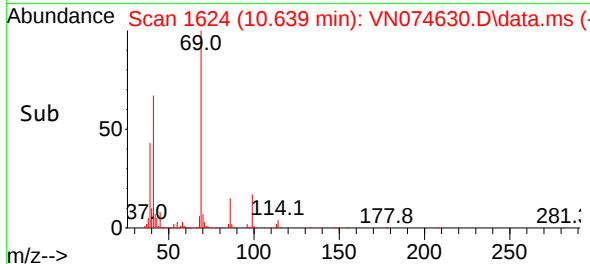
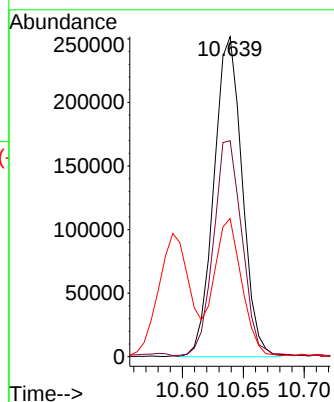
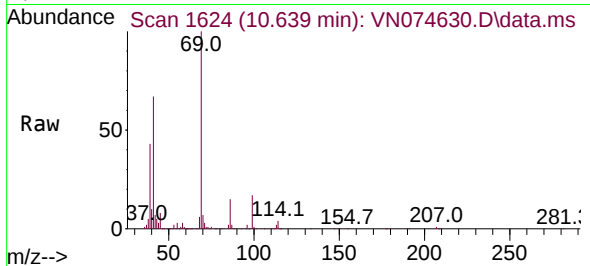




#51  
Ethyl methacrylate  
Concen: 18.879 ug/l  
RT: 10.639 min Scan# 1624  
Delta R.T. -0.000 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

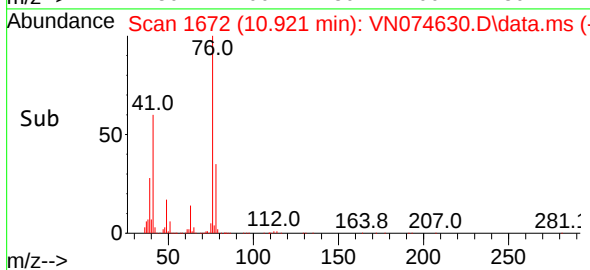
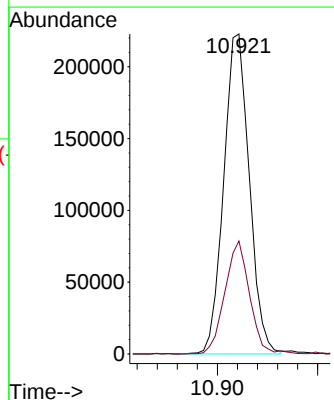
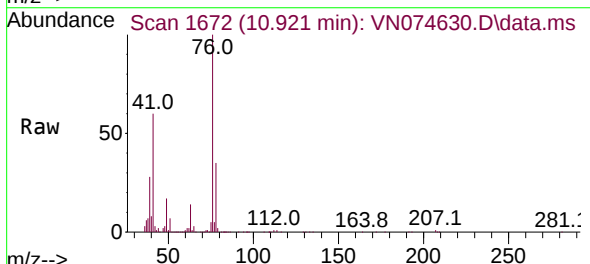
Instrument :  
MSVOA\_N  
ClientSampleId :

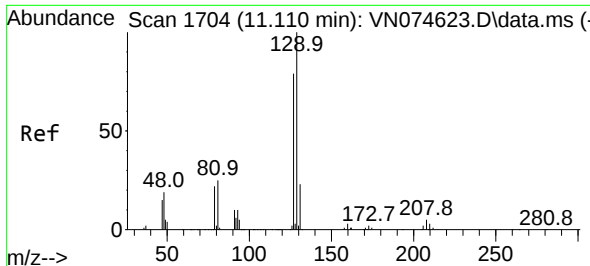
Tgt Ion: 69 Resp: 405843  
Ion Ratio Lower Upper  
69 100  
41 67.1 32.5 97.5  
39 42.9 21.5 64.5



#52  
1,3-Dichloropropane  
Concen: 19.420 ug/l  
RT: 10.921 min Scan# 1672  
Delta R.T. -0.000 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

Tgt Ion: 76 Resp: 394613  
Ion Ratio Lower Upper  
76 100  
78 33.7 0.0 63.8

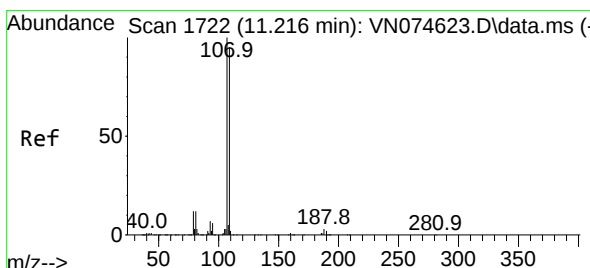
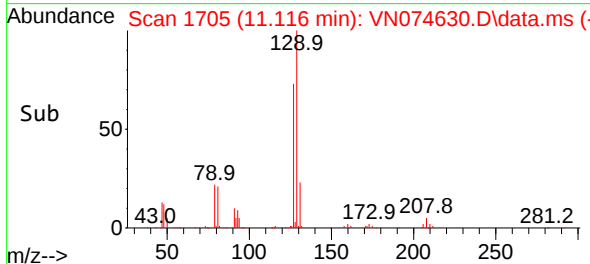
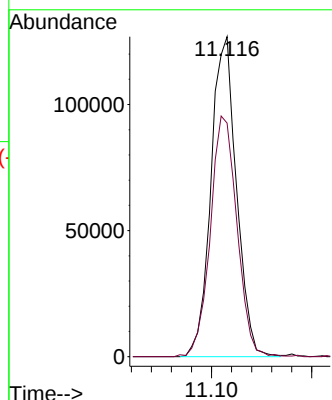
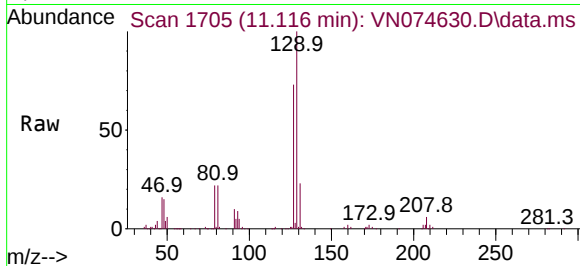




#53  
Dibromochloromethane  
Concen: 18.497 ug/l  
RT: 11.116 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

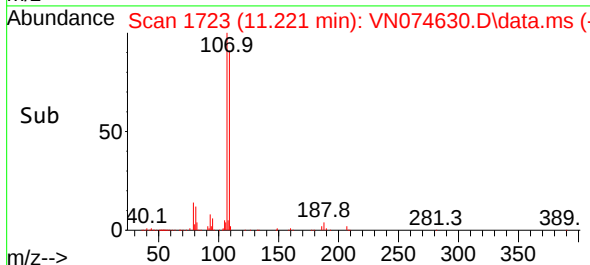
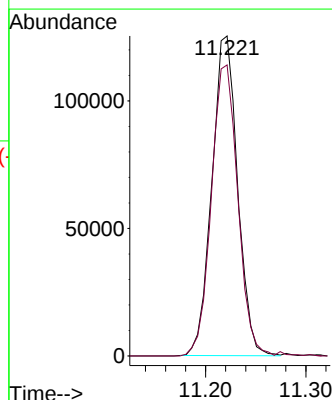
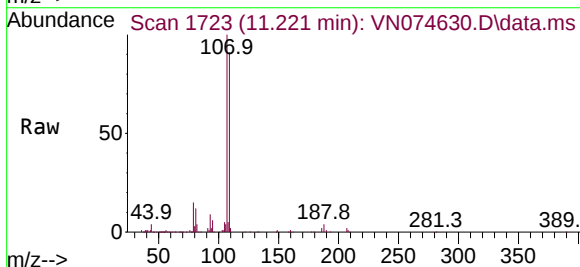
Instrument :  
MSVOA\_N  
ClientSampleId :

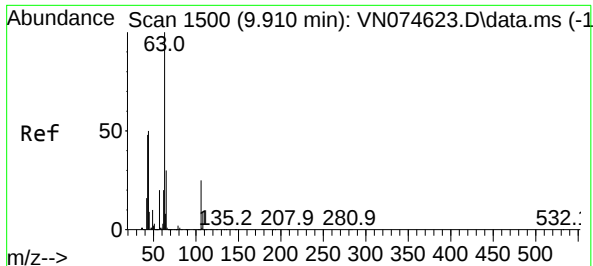
Tgt Ion:129 Resp: 224127  
Ion Ratio Lower Upper  
129 100  
127 78.3 40.6 121.7



#54  
1,2-Dibromoethane  
Concen: 18.821 ug/l  
RT: 11.221 min Scan# 1723  
Delta R.T. 0.006 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

Tgt Ion:107 Resp: 223229  
Ion Ratio Lower Upper  
107 100  
109 93.6 76.2 114.2





#55

2-Chloroethyl vinyl ether

Concen: 100.069 ug/l

RT: 9.910 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN074630.D

Acq: 27 Sep 2022 16:28

Instrument :

MSVOA\_N

ClientSampleId :

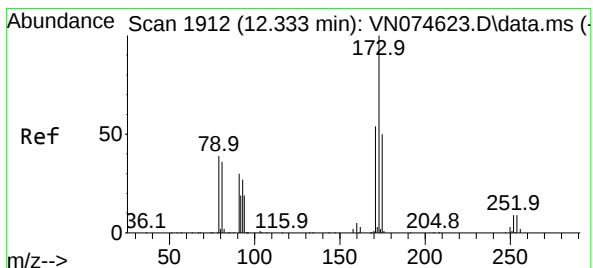
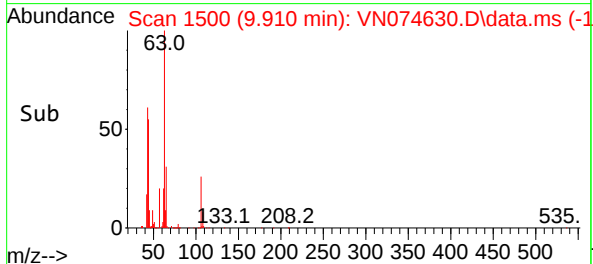
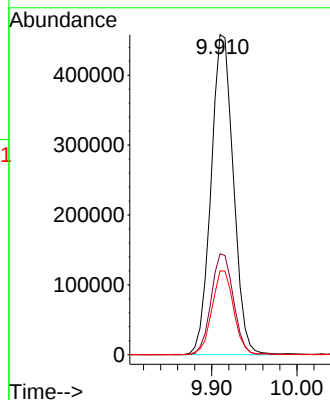
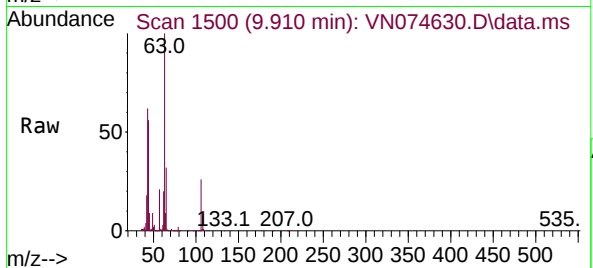
Tgt Ion: 63 Resp: 834835

Ion Ratio Lower Upper

63 100

65 31.3 24.6 36.8

106 25.6 21.3 31.9



#56

Bromoform

Concen: 16.123 ug/l

RT: 12.333 min Scan# 1912

Delta R.T. -0.000 min

Lab File: VN074630.D

Acq: 27 Sep 2022 16:28

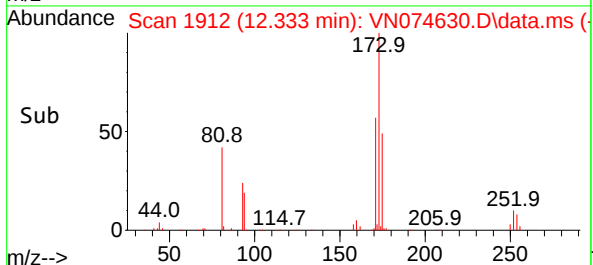
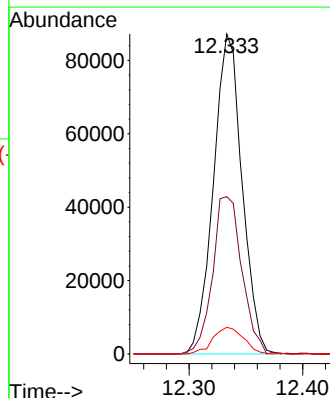
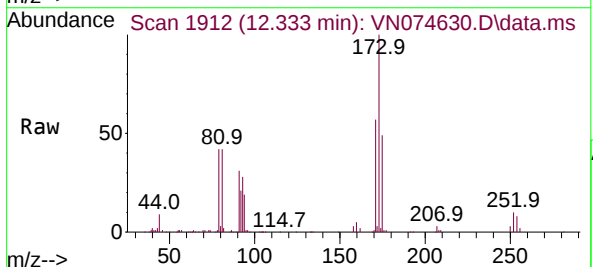
Tgt Ion: 173 Resp: 152696

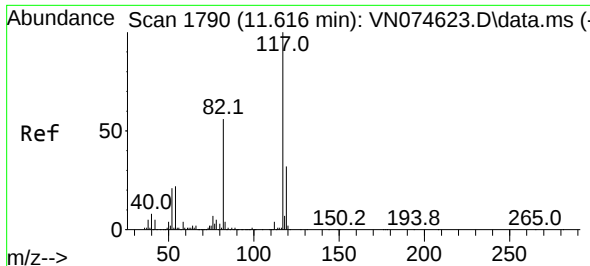
Ion Ratio Lower Upper

173 100

175 50.3 39.1 58.7

254 9.0 7.0 10.6

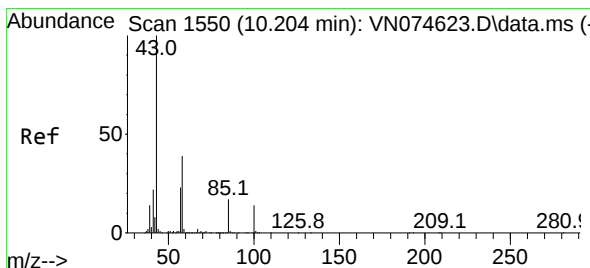
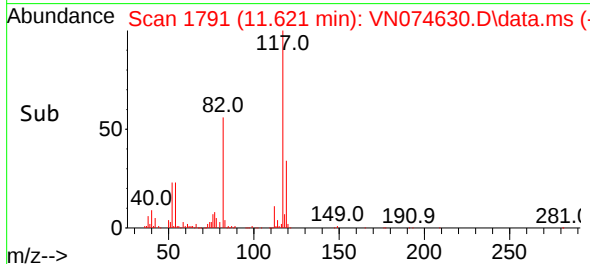
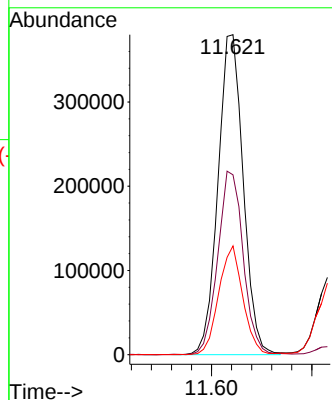
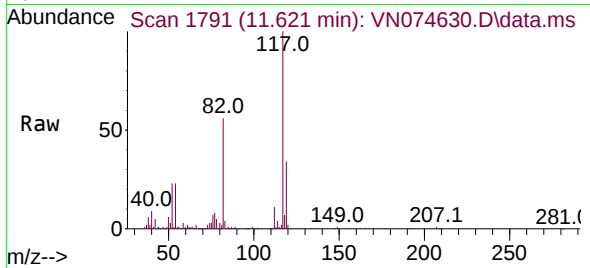




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.621 min Scan# 117  
Delta R.T. 0.006 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

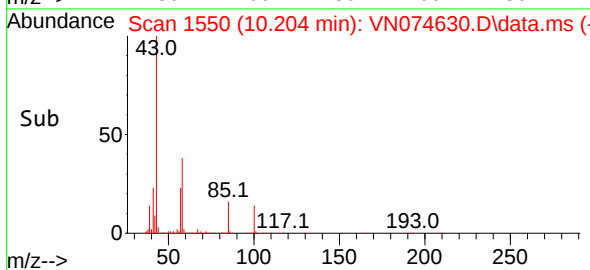
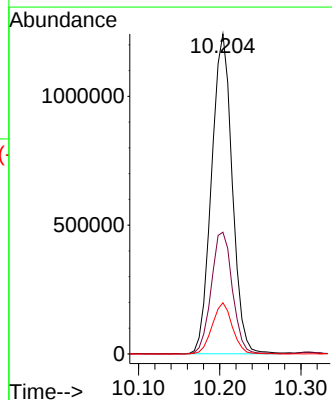
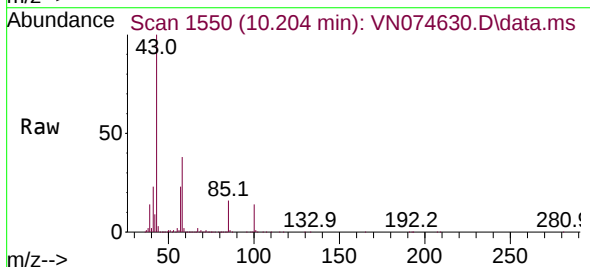
Instrument :  
MSVOA\_N  
ClientSampleId :

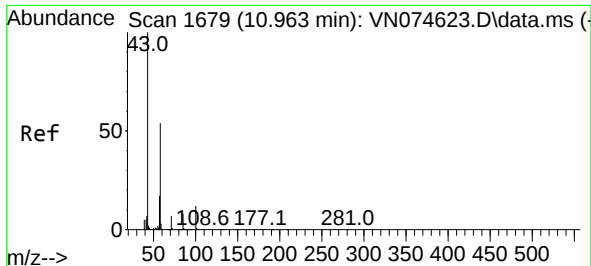
Tgt Ion:117 Resp: 663984  
Ion Ratio Lower Upper  
117 100  
82 57.9 44.6 67.0  
119 32.4 25.6 38.4



#58  
4-Methyl-2-Pentanone  
Concen: 106.578 ug/l  
RT: 10.204 min Scan# 1550  
Delta R.T. -0.000 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

Tgt Ion: 43 Resp: 2196118  
Ion Ratio Lower Upper  
43 100  
58 39.1 30.8 46.2  
85 15.6 13.3 19.9

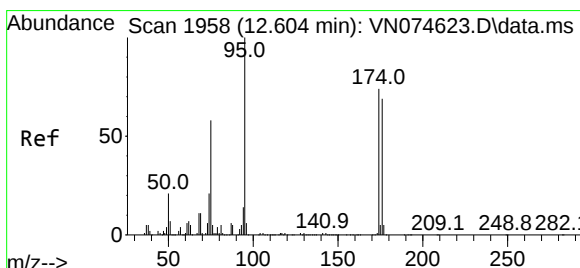
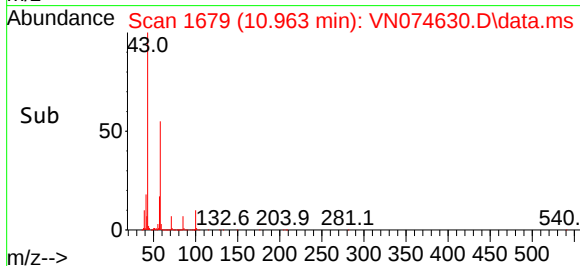
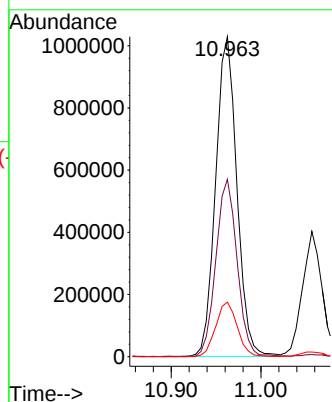
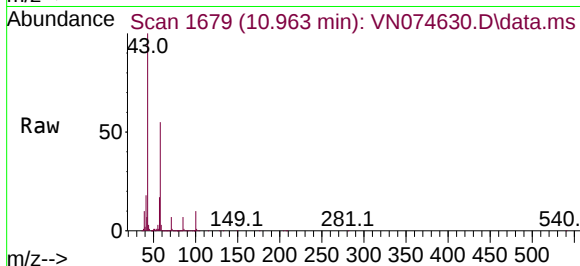




#59  
2-Hexanone  
Concen: 105.924 ug/l  
RT: 10.963 min Scan# 1679  
Delta R.T. -0.000 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

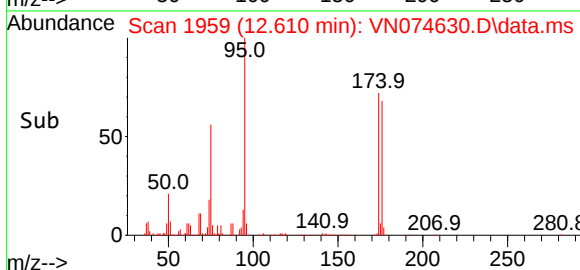
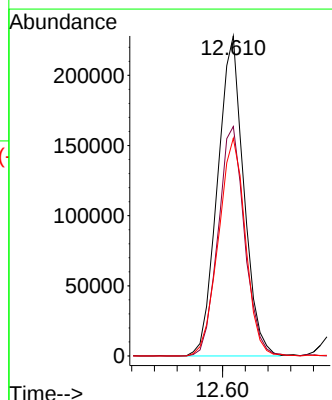
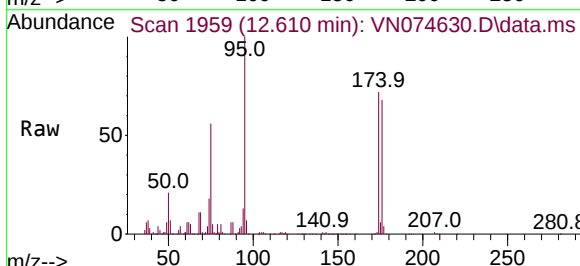
Instrument :  
MSVOA\_N  
ClientSampleId :

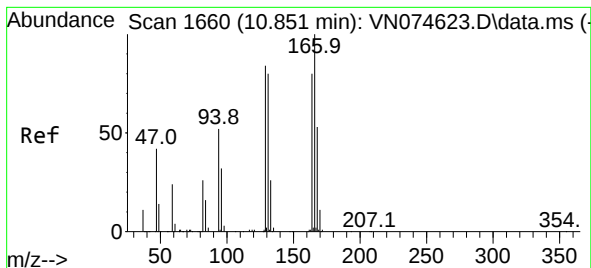
Tgt Ion: 43 Resp: 1690506  
Ion Ratio Lower Upper  
43 100  
58 55.2 43.6 65.4  
57 17.4 14.3 21.5



#60  
4-Bromofluorobenzene  
Concen: 28.329 ug/l  
RT: 12.610 min Scan# 1959  
Delta R.T. 0.006 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

Tgt Ion: 95 Resp: 365379  
Ion Ratio Lower Upper  
95 100  
174 72.6 57.8 86.8  
176 69.8 57.0 85.4





#61

Tetrachloroethene

Concen: 20.581 ug/l

RT: 10.851 min Scan# 1

Delta R.T. -0.000 min

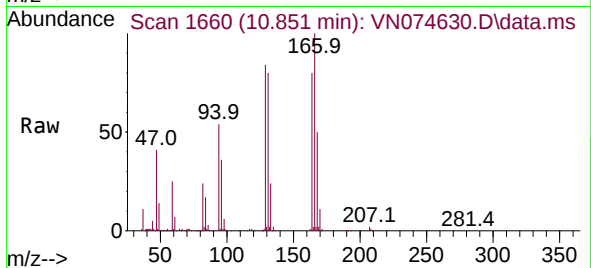
Lab File: VN074630.D

Acq: 27 Sep 2022 16:28

Instrument :

MSVOA\_N

ClientSampleId :



Tgt Ion:164 Resp: 152439

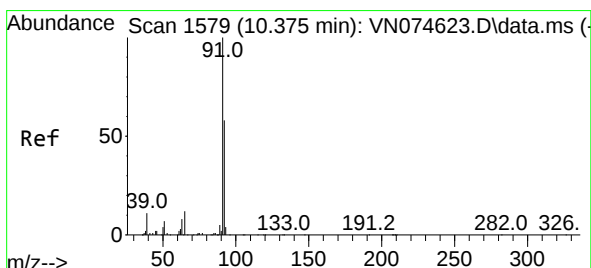
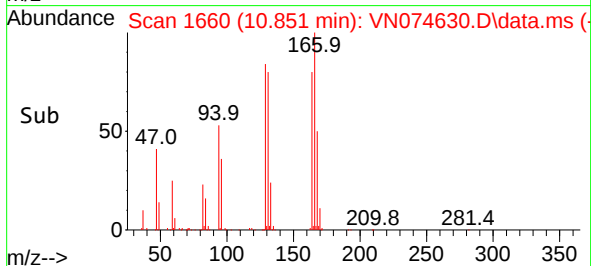
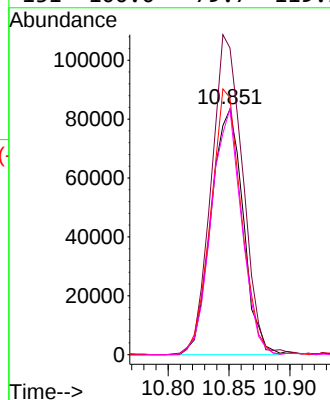
Ion Ratio Lower Upper

164 100

166 124.3 99.6 149.4

129 104.5 84.0 126.0

131 100.0 79.7 119.5



#62

Toluene

Concen: 20.101 ug/l

RT: 10.374 min Scan# 1579

Delta R.T. -0.000 min

Lab File: VN074630.D

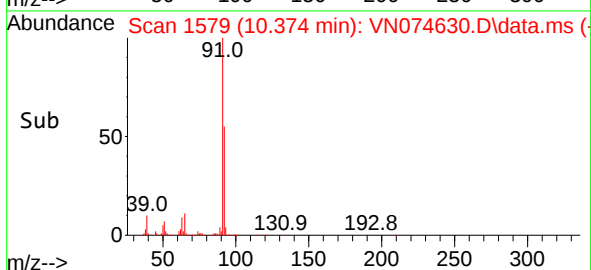
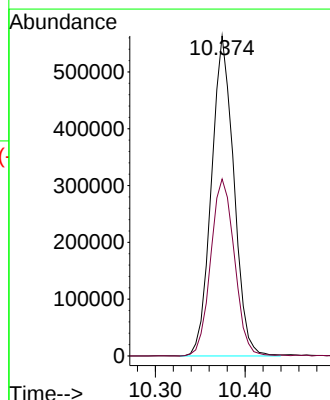
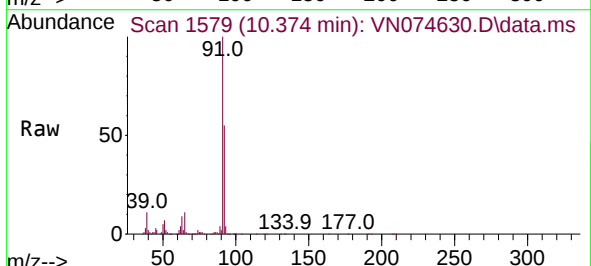
Acq: 27 Sep 2022 16:28

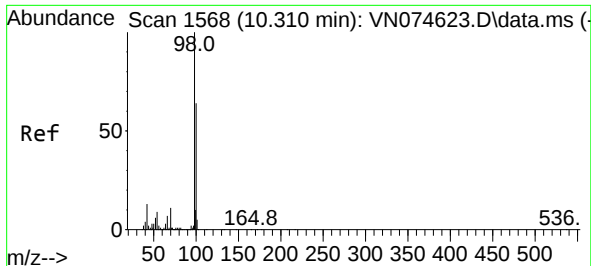
Tgt Ion: 91 Resp: 977303

Ion Ratio Lower Upper

91 100

92 58.4 46.0 69.0

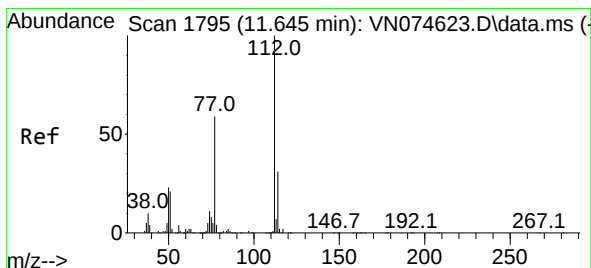
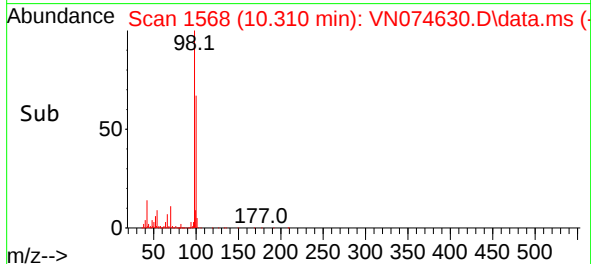
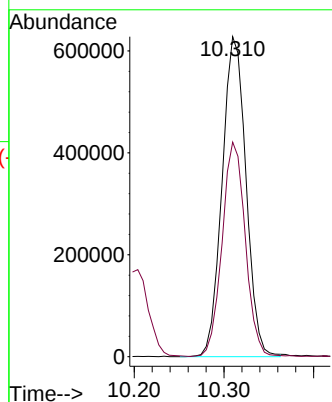
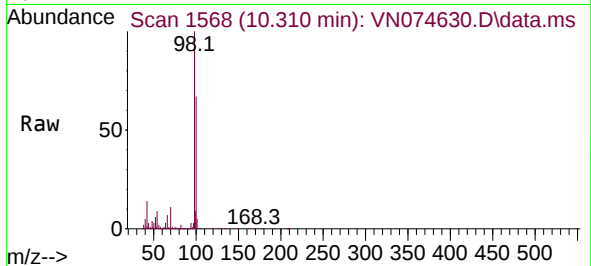




#63  
Toluene-d8  
Concen: 30.961 ug/l  
RT: 10.310 min Scan# 1568  
Delta R.T. -0.000 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

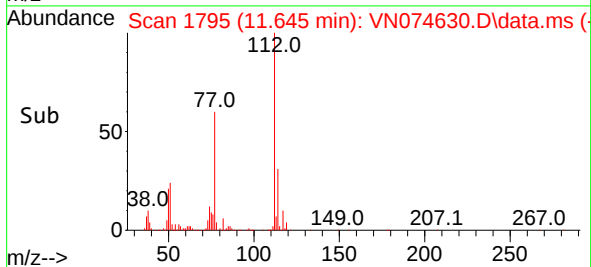
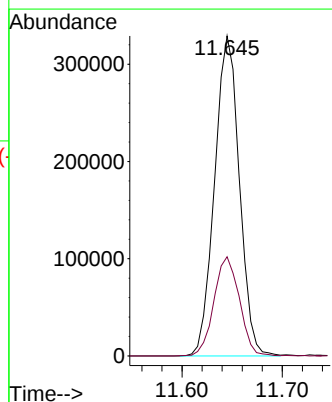
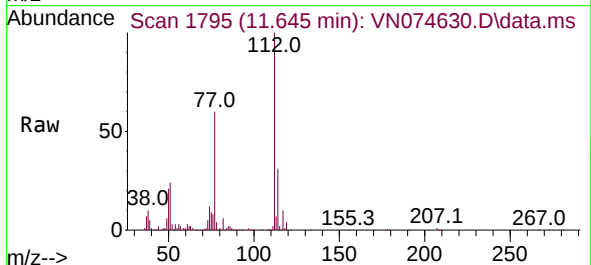
Instrument :  
MSVOA\_N  
ClientSampleId :

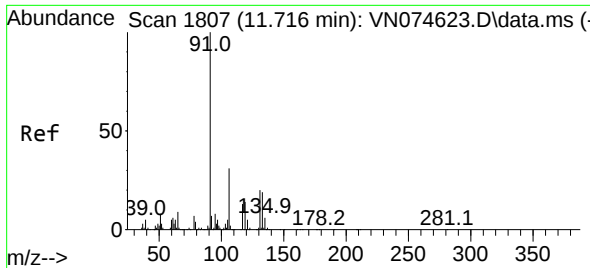
Tgt Ion: 98 Resp: 1159554  
Ion Ratio Lower Upper  
98 100  
100 65.1 52.7 79.1



#64  
Chlorobenzene  
Concen: 20.242 ug/l  
RT: 11.645 min Scan# 1795  
Delta R.T. -0.000 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

Tgt Ion: 112 Resp: 563941  
Ion Ratio Lower Upper  
112 100  
114 30.9 24.7 37.1

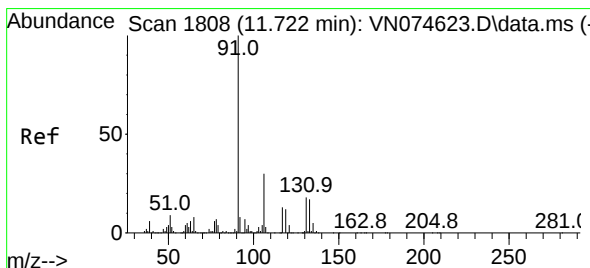
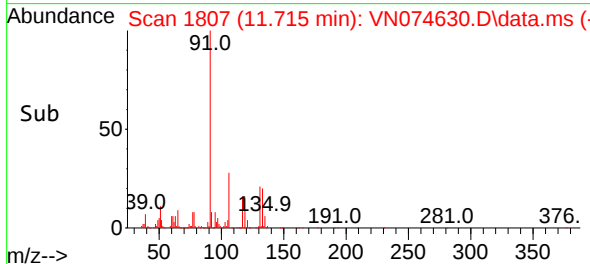
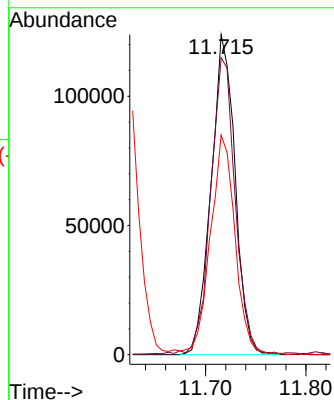
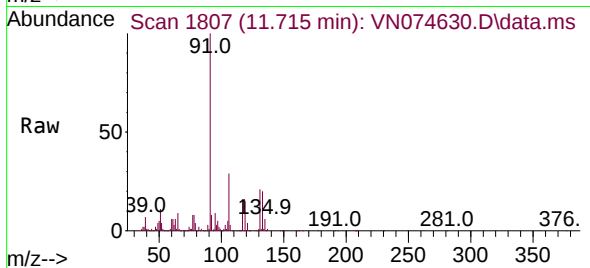




#65  
1,1,1,2-Tetrachloroethane  
Concen: 19.617 ug/l  
RT: 11.715 min Scan# 1807  
Delta R.T. -0.000 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

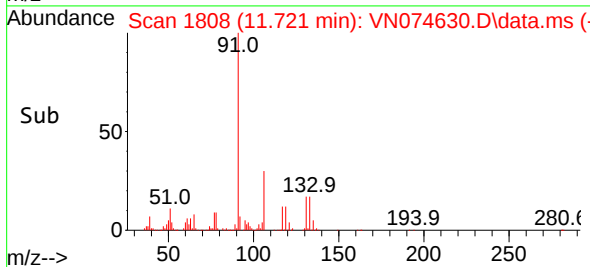
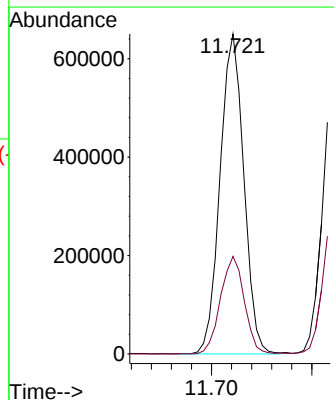
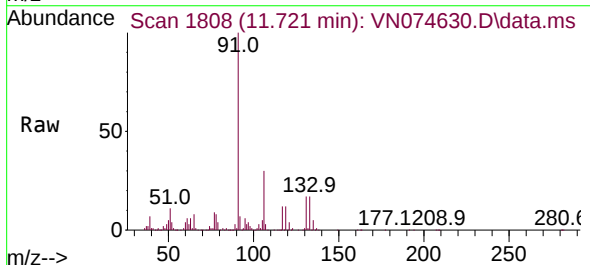
Instrument :  
MSVOA\_N  
ClientSampleId :

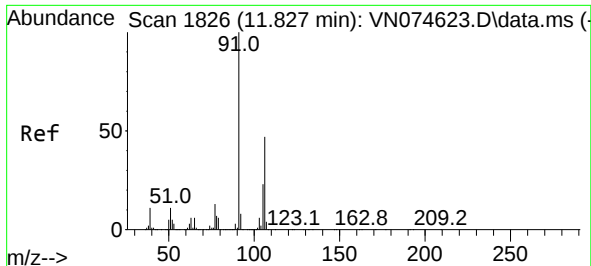
Tgt Ion:131 Resp: 205343  
Ion Ratio Lower Upper  
131 100  
133 93.9 0.0 191.8  
119 70.2 0.0 135.8



#66  
Ethyl Benzene  
Concen: 20.649 ug/l  
RT: 11.721 min Scan# 1808  
Delta R.T. -0.000 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

Tgt Ion: 91 Resp: 1066125  
Ion Ratio Lower Upper  
91 100  
106 30.4 24.1 36.1

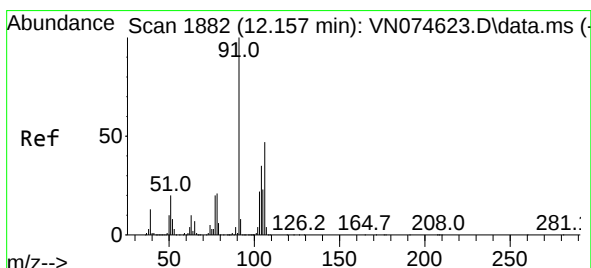
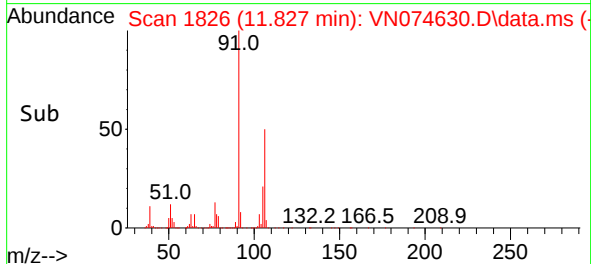
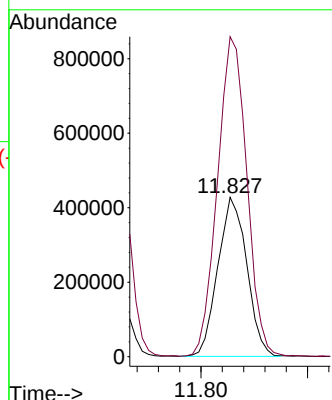
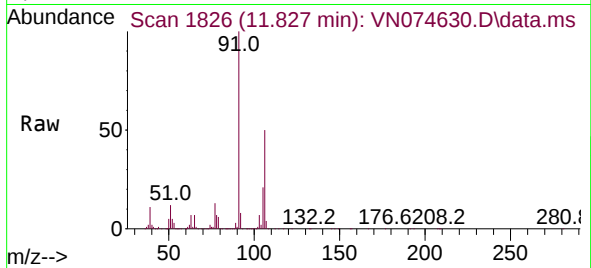




#67  
m/p-Xylenes  
Concen: 38.828 ug/l  
RT: 11.827 min Scan# 1826  
Delta R.T. -0.000 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

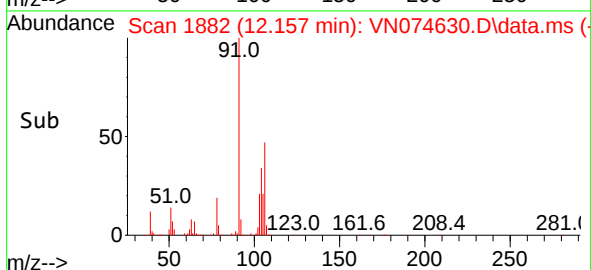
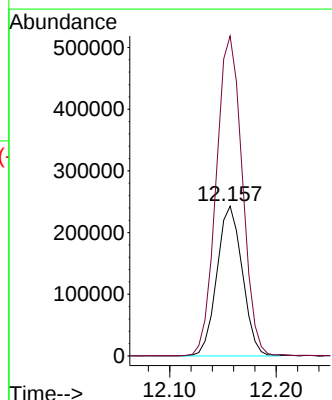
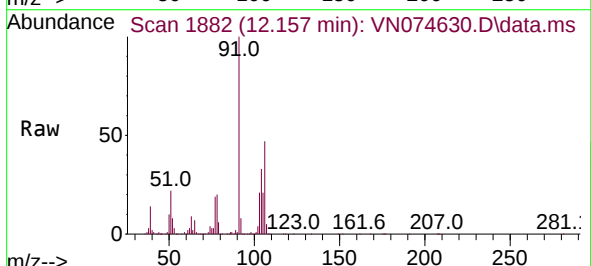
Instrument :  
MSVOA\_N  
ClientSampleId :

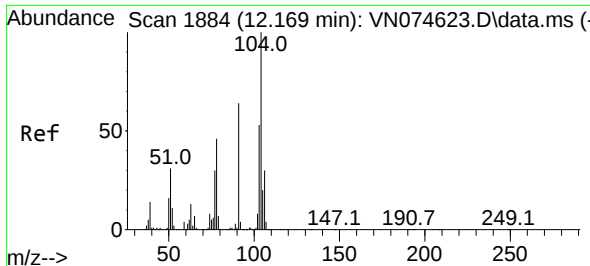
Tgt Ion:106 Resp: 804901  
Ion Ratio Lower Upper  
106 100  
91 205.1 164.2 246.4



#68  
o-Xylene  
Concen: 19.067 ug/l  
RT: 12.157 min Scan# 1882  
Delta R.T. -0.000 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

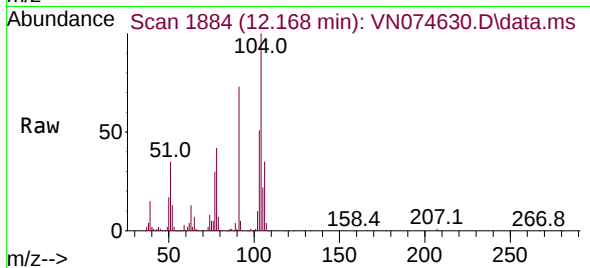
Tgt Ion:106 Resp: 402423  
Ion Ratio Lower Upper  
106 100  
91 218.1 108.5 325.5



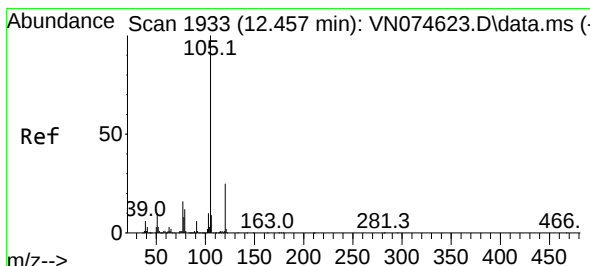
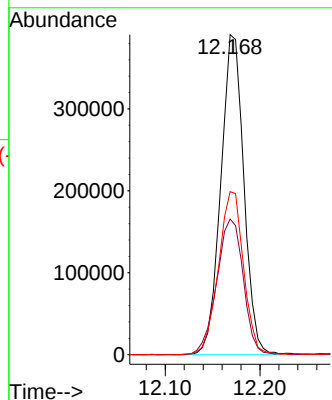
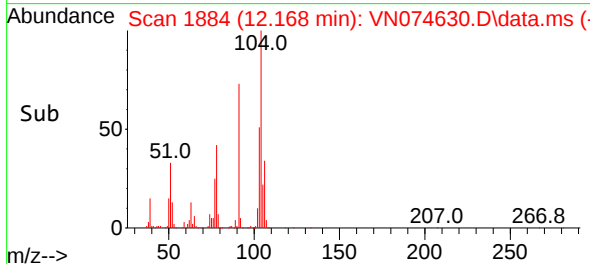


#69  
Styrene  
Concen: 18.593 ug/l  
RT: 12.168 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

Instrument :  
MSVOA\_N  
ClientSampleId :

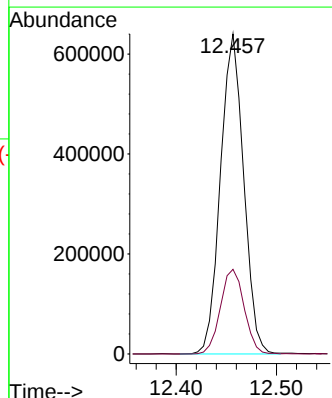
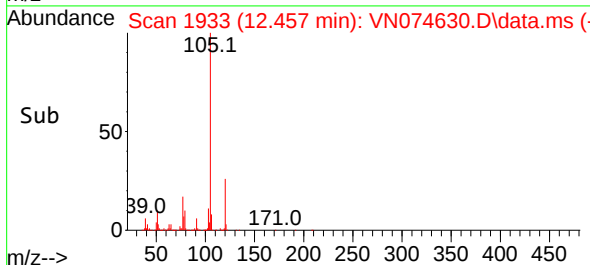
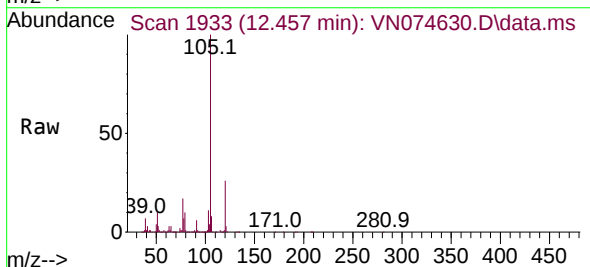


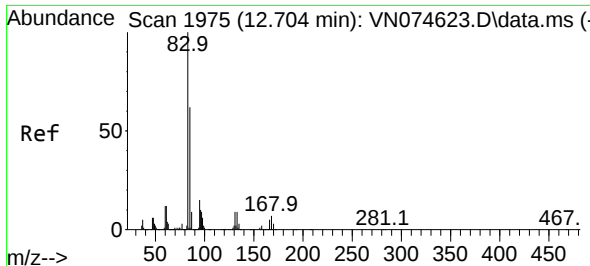
Tgt Ion:104 Resp: 660186  
Ion Ratio Lower Upper  
104 100  
78 48.7 39.9 59.9  
103 55.6 43.8 65.8



#70  
Isopropylbenzene  
Concen: 19.069 ug/l  
RT: 12.457 min Scan# 1933  
Delta R.T. -0.000 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

Tgt Ion:105 Resp: 1026792  
Ion Ratio Lower Upper  
105 100  
120 27.0 18.5 34.3

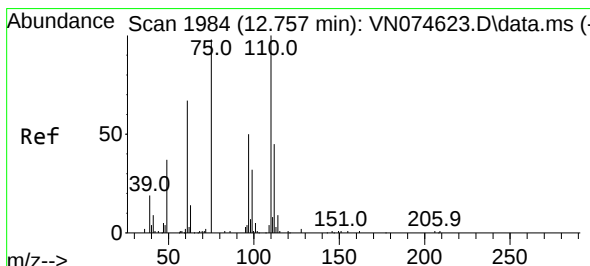
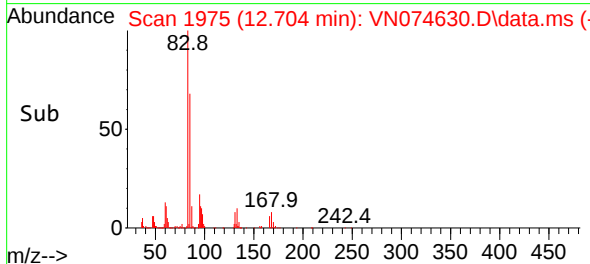
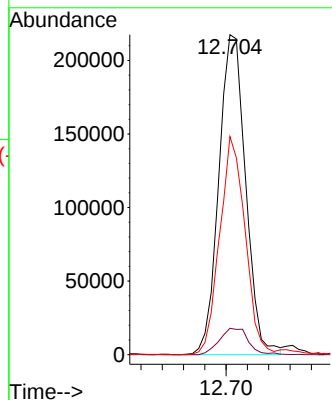
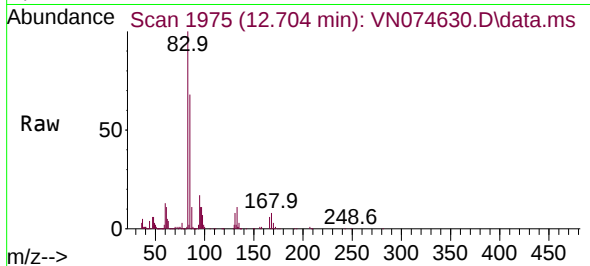




#71  
 1,1,2,2-Tetrachloroethane  
 Concen: 19.894 ug/l  
 RT: 12.704 min Scan# 1975  
 Delta R.T. -0.000 min  
 Lab File: VN074630.D  
 Acq: 27 Sep 2022 16:28

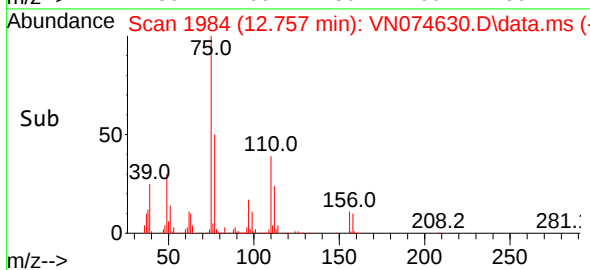
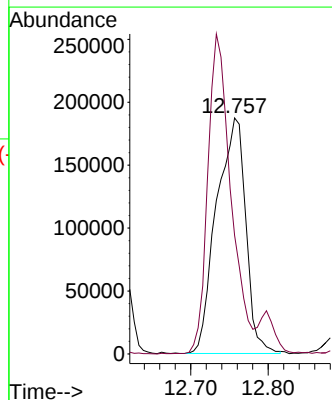
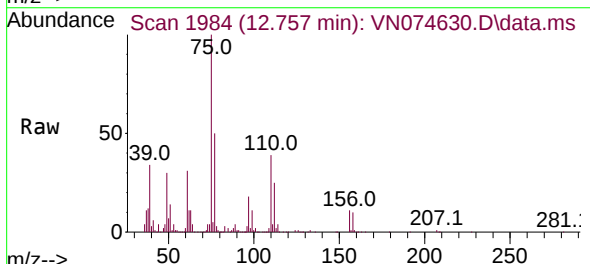
Instrument :  
 MSVOA\_N  
 ClientSampleId :

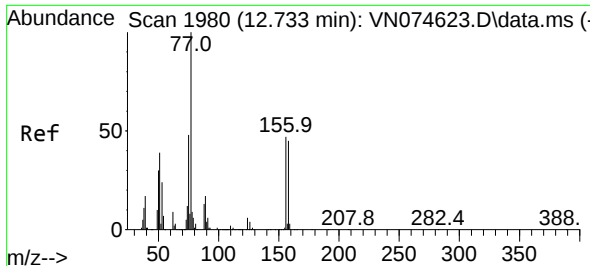
Tgt Ion: 83 Resp: 380271  
 Ion Ratio Lower Upper  
 83 100  
 131 8.7 4.5 13.5  
 85 64.5 30.9 92.7



#72  
 1,2,3-Trichloropropane  
 Concen: 33.999 ug/l  
 RT: 12.757 min Scan# 1984  
 Delta R.T. -0.000 min  
 Lab File: VN074630.D  
 Acq: 27 Sep 2022 16:28

Tgt Ion: 75 Resp: 491954  
 Ion Ratio Lower Upper  
 75 100  
 77 106.9 0.0 372.4

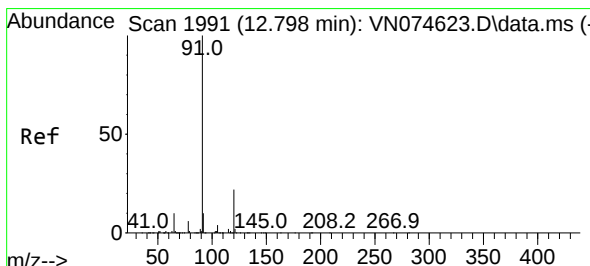
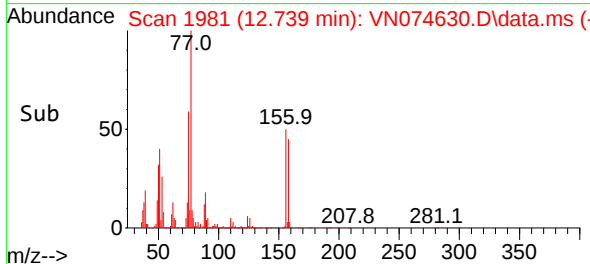
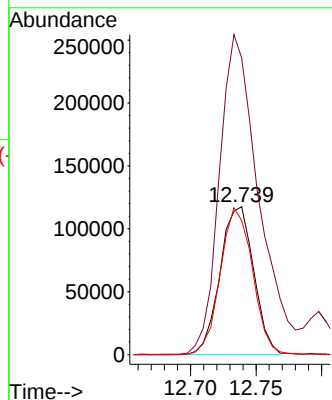
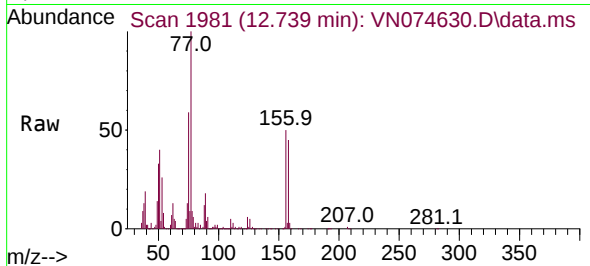




#73  
Bromobenzene  
Concen: 19.282 ug/l  
RT: 12.739 min Scan# 1980  
Delta R.T. 0.006 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

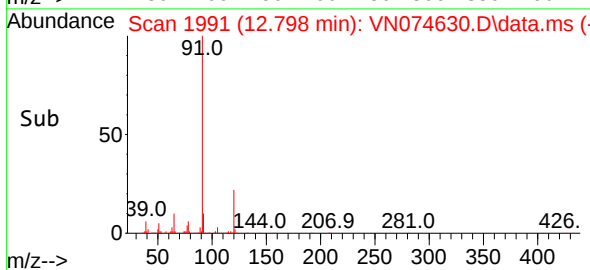
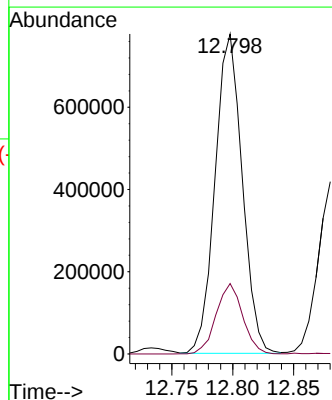
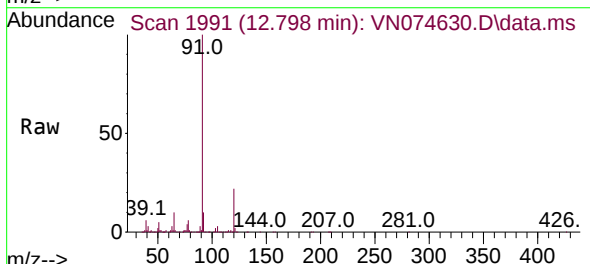
Instrument :  
MSVOA\_N  
ClientSampleId :

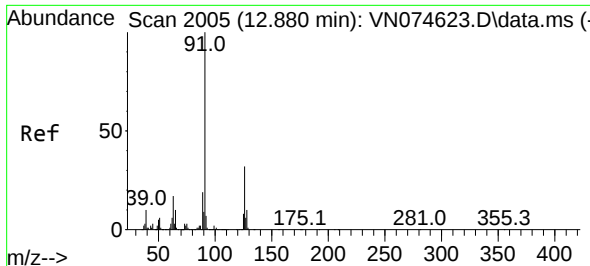
Tgt Ion:156 Resp: 208618  
Ion Ratio Lower Upper  
156 100  
77 252.0 0.0 491.8  
158 95.9 0.0 185.0



#74  
n-propylbenzene  
Concen: 19.817 ug/l  
RT: 12.798 min Scan# 1991  
Delta R.T. -0.000 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

Tgt Ion: 91 Resp: 1202386  
Ion Ratio Lower Upper  
91 100  
120 21.6 0.0 44.6

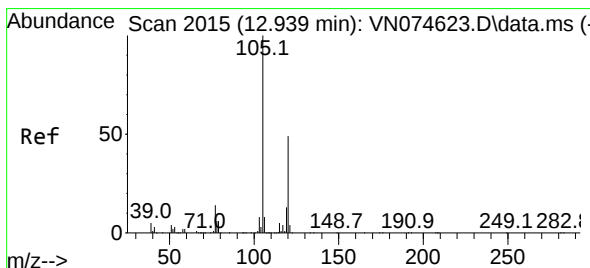
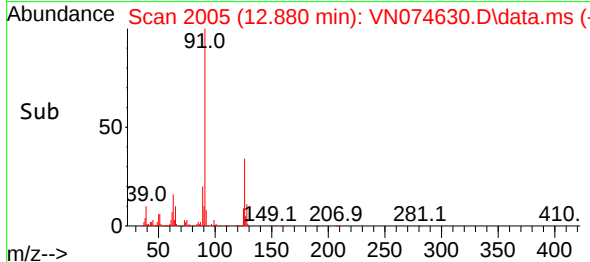
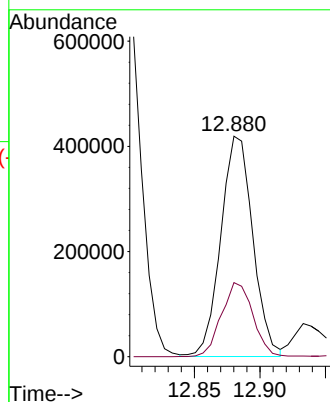
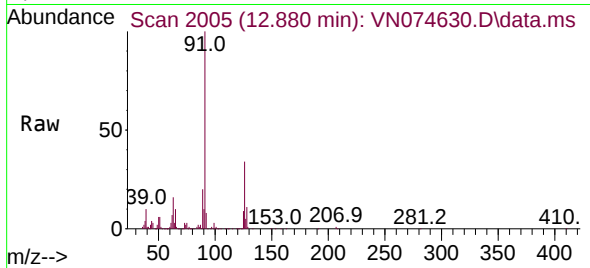




#75  
2-Chlorotoluene  
Concen: 19.341 ug/l  
RT: 12.880 min Scan# 2005  
Delta R.T. -0.000 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

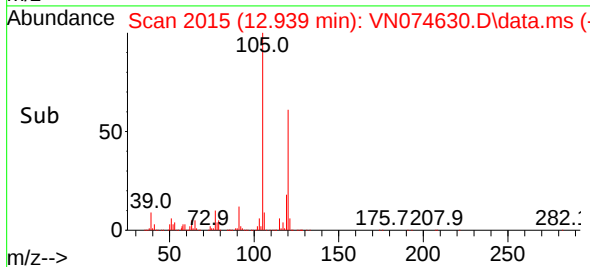
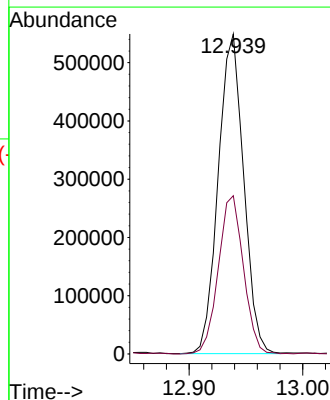
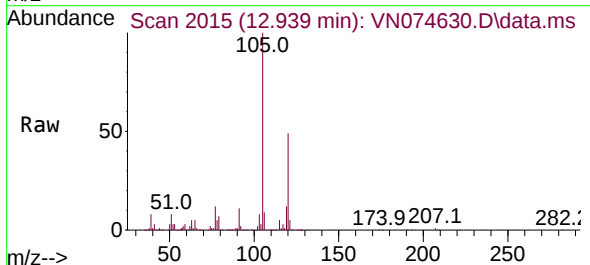
Instrument :  
MSVOA\_N  
ClientSampleId :

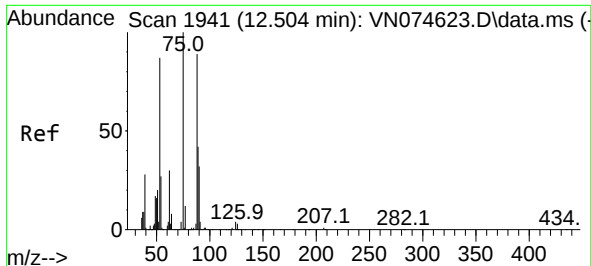
Tgt Ion: 91 Resp: 711860  
Ion Ratio Lower Upper  
91 100  
126 33.0 0.0 66.2



#76  
1,3,5-Trimethylbenzene  
Concen: 18.810 ug/l  
RT: 12.939 min Scan# 2015  
Delta R.T. -0.000 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

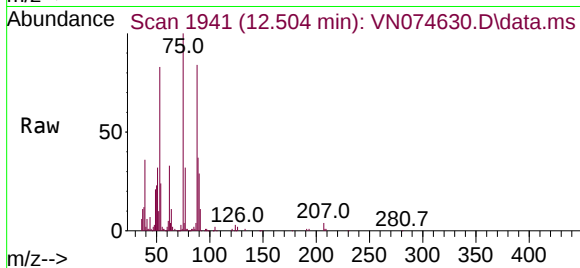
Tgt Ion: 105 Resp: 854007  
Ion Ratio Lower Upper  
105 100  
120 48.9 0.0 97.4



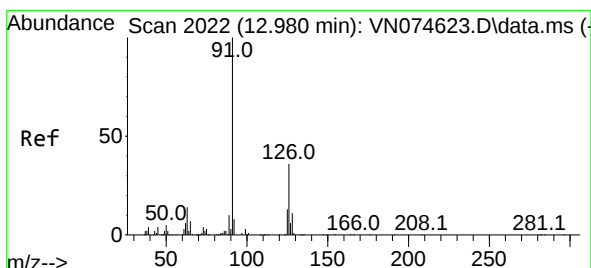
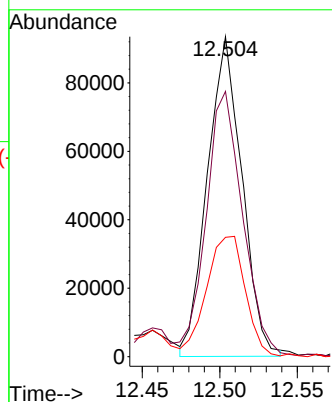
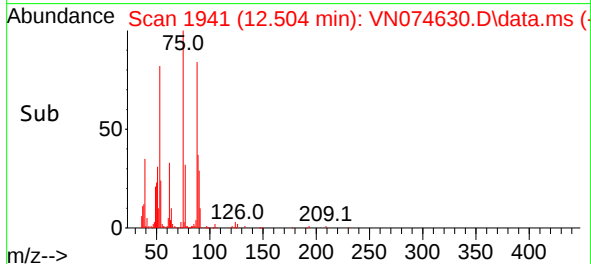


#77  
t-1,4-Dichloro-2-butene  
Concen: 19.297 ug/l  
RT: 12.504 min Scan# 1941  
Delta R.T. -0.000 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

Instrument :  
MSVOA\_N  
ClientSampleId :

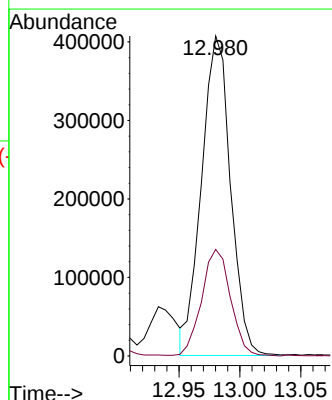
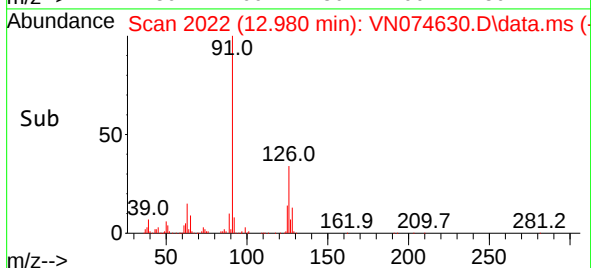
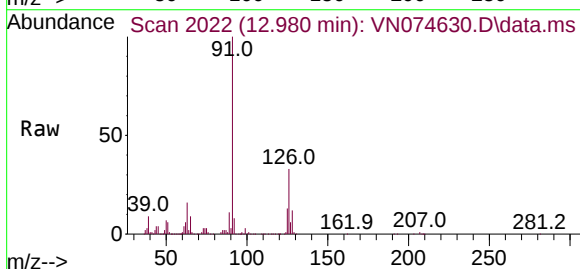


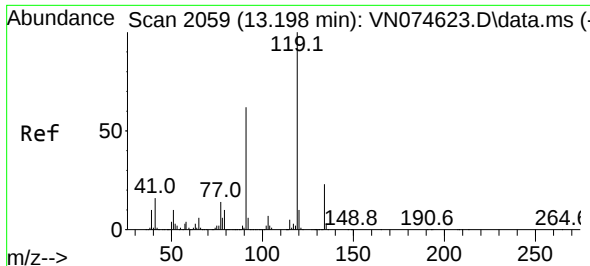
Tgt Ion: 75 Resp: 144626  
Ion Ratio Lower Upper  
75 100  
53 83.4 43.3 129.9  
89 37.8 21.1 63.1



#78  
4-Chlorotoluene  
Concen: 18.310 ug/l  
RT: 12.980 min Scan# 2022  
Delta R.T. -0.000 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

Tgt Ion: 91 Resp: 675382  
Ion Ratio Lower Upper  
91 100  
126 33.2 0.0 67.8

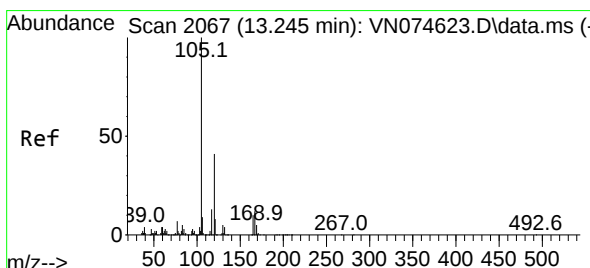
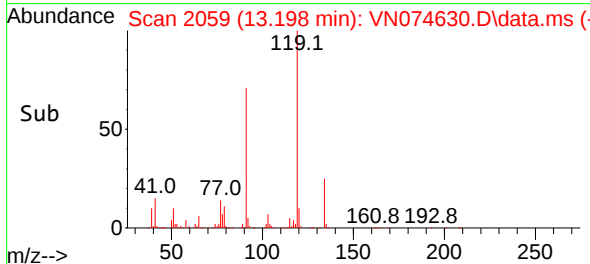
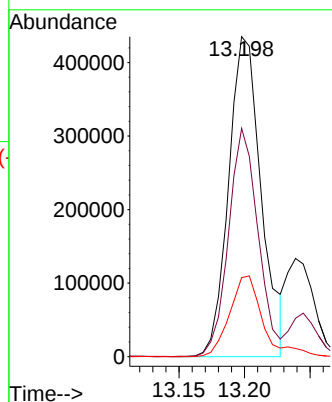
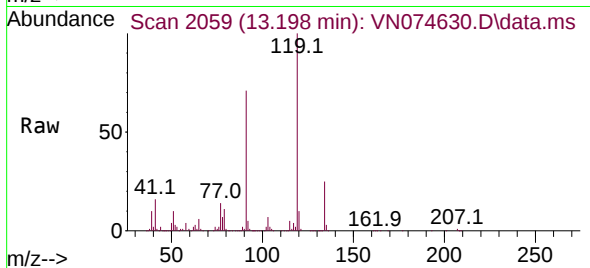




#79  
tert-butylbenzene  
Concen: 18.971 ug/l  
RT: 13.198 min Scan# 2059  
Delta R.T. -0.000 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

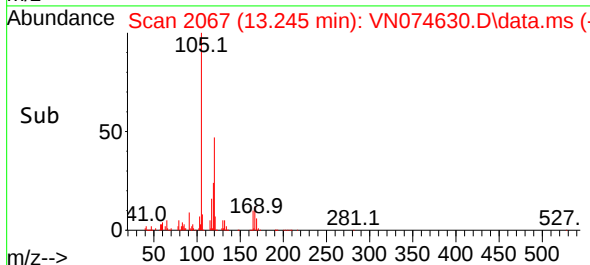
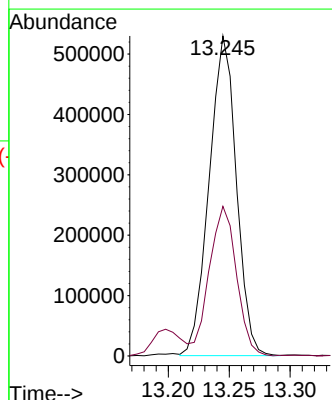
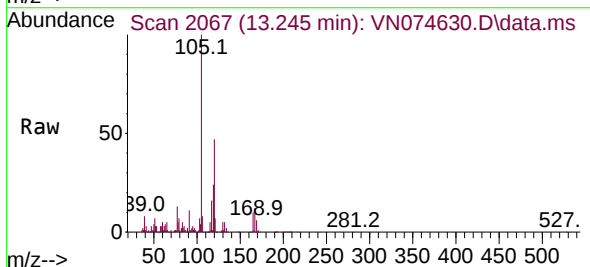
Instrument :  
MSVOA\_N  
ClientSampleId :

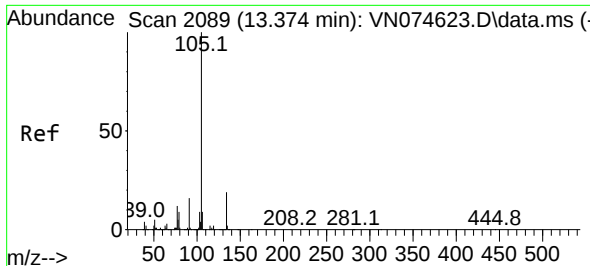
Tgt Ion:119 Resp: 753607  
Ion Ratio Lower Upper  
119 100  
91 64.6 0.0 129.0  
134 23.9 0.0 52.2



#80  
1,2,4-Trimethylbenzene  
Concen: 18.369 ug/l  
RT: 13.245 min Scan# 2067  
Delta R.T. -0.000 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

Tgt Ion:105 Resp: 823733  
Ion Ratio Lower Upper  
105 100  
120 46.9 0.0 93.2

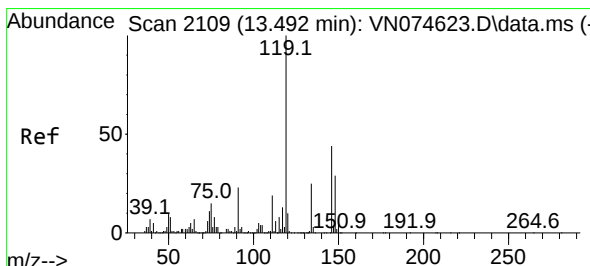
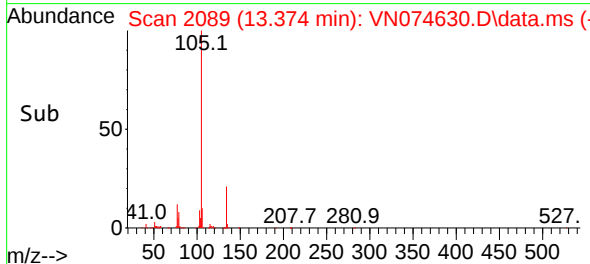
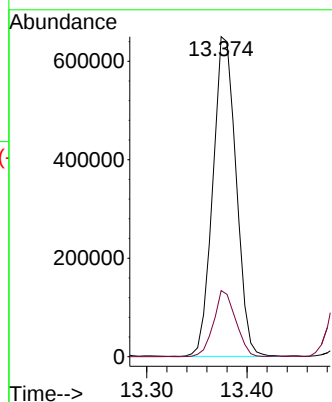
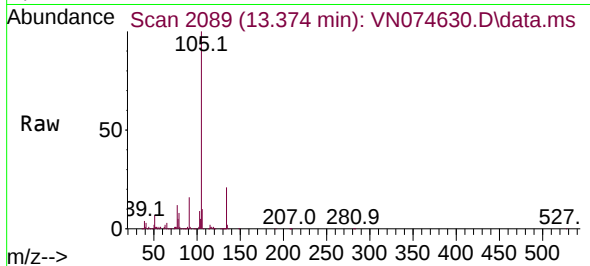




#81  
 sec-Butylbenzene  
 Concen: 18.608 ug/l  
 RT: 13.374 min Scan# 2089  
 Delta R.T. -0.000 min  
 Lab File: VN074630.D  
 Acq: 27 Sep 2022 16:28

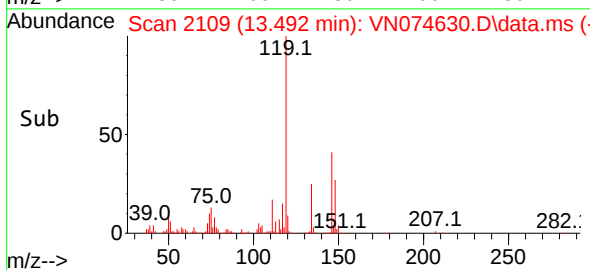
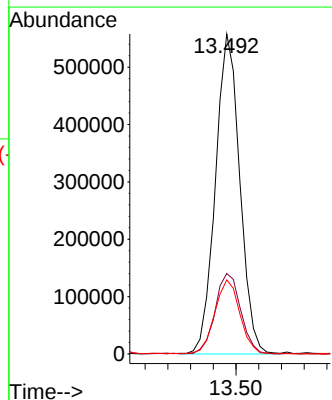
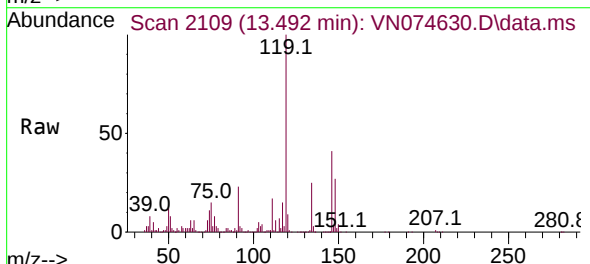
Instrument :  
 MSVOA\_N  
 ClientSampleId :

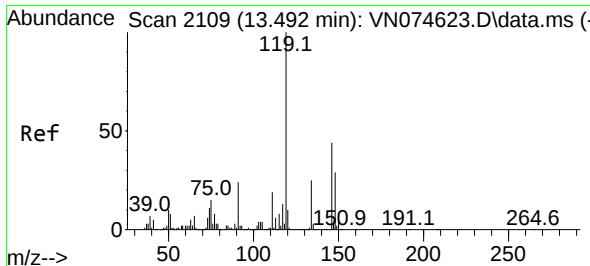
Tgt Ion:105 Resp: 1046400  
 Ion Ratio Lower Upper  
 105 100  
 134 19.7 0.0 38.8



#82  
 p-Isopropyltoluene  
 Concen: 17.973 ug/l  
 RT: 13.492 min Scan# 2109  
 Delta R.T. -0.000 min  
 Lab File: VN074630.D  
 Acq: 27 Sep 2022 16:28

Tgt Ion:119 Resp: 831448  
 Ion Ratio Lower Upper  
 119 100  
 134 26.4 0.0 51.4  
 91 23.5 0.0 46.8

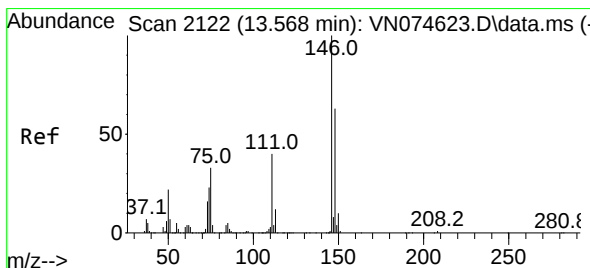
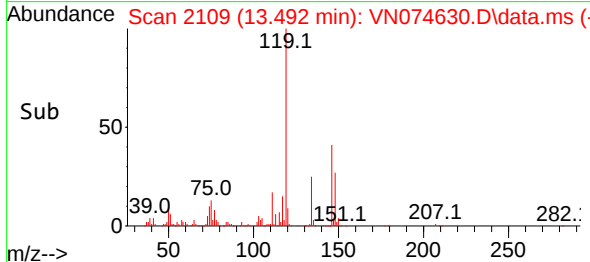
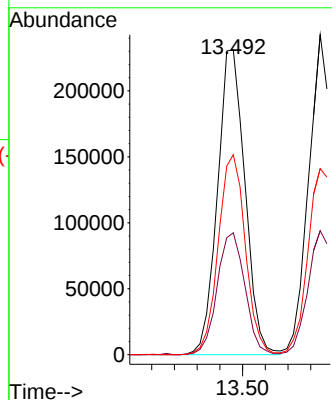
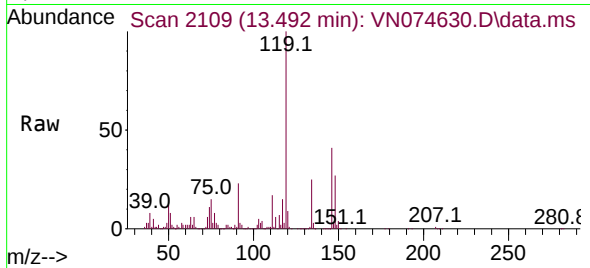




#83  
 1,3-Dichlorobenzene  
 Concen: 17.507 ug/l  
 RT: 13.492 min Scan# 2109  
 Delta R.T. -0.000 min  
 Lab File: VN074630.D  
 Acq: 27 Sep 2022 16:28

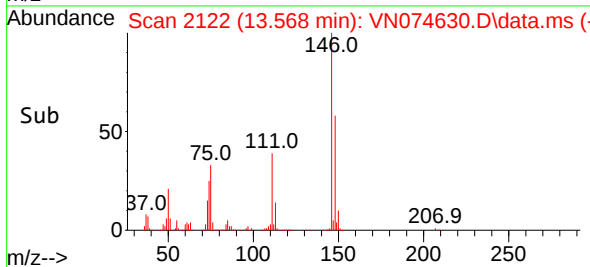
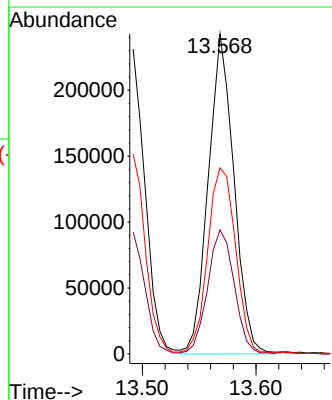
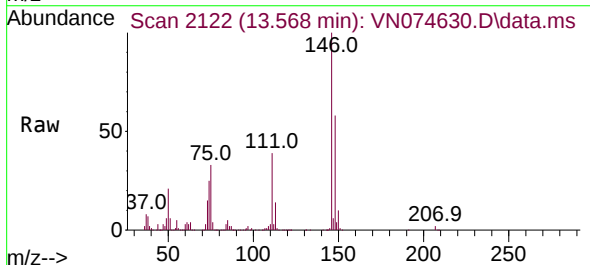
Instrument :  
 MSVOA\_N  
 ClientSampleId :

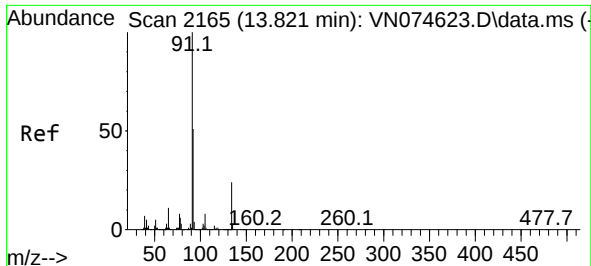
Tgt Ion:146 Resp: 389273  
 Ion Ratio Lower Upper  
 146 100  
 111 40.2 20.5 61.5  
 148 64.6 31.0 93.0



#84  
 1,4-Dichlorobenzene  
 Concen: 17.239 ug/l  
 RT: 13.568 min Scan# 2122  
 Delta R.T. -0.000 min  
 Lab File: VN074630.D  
 Acq: 27 Sep 2022 16:28

Tgt Ion:146 Resp: 381248  
 Ion Ratio Lower Upper  
 146 100  
 111 40.3 19.1 57.5  
 148 63.1 31.7 95.1

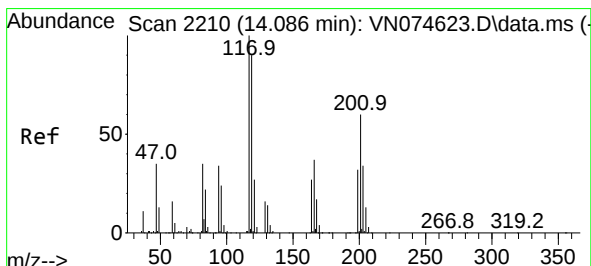
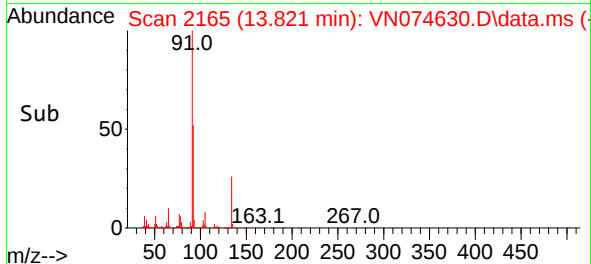
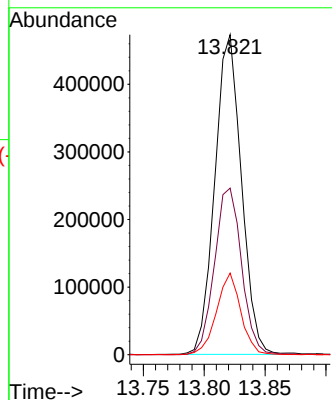
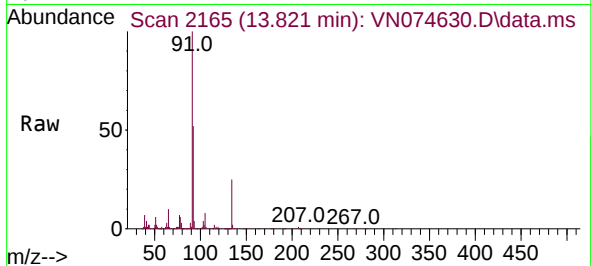




#85  
n-Butylbenzene  
Concen: 18.204 ug/l  
RT: 13.821 min Scan# 2165  
Delta R.T. -0.000 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

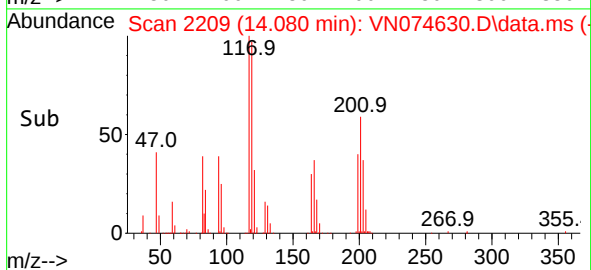
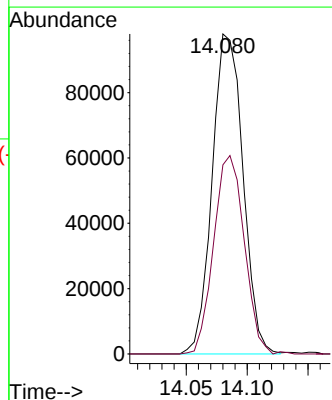
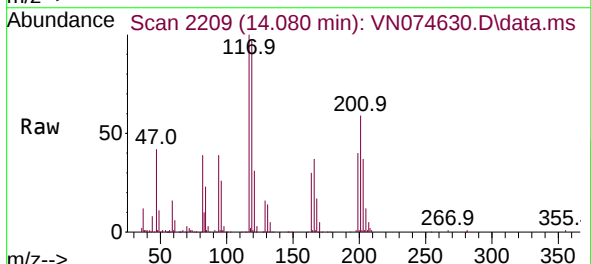
Instrument :  
MSVOA\_N  
ClientSampleId :

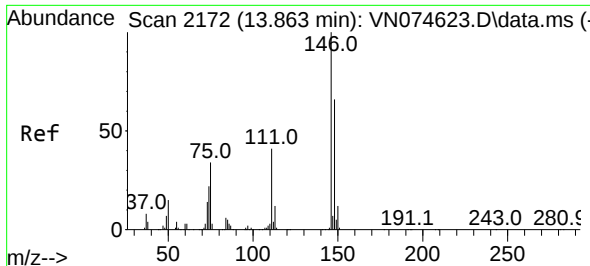
Tgt Ion: 91 Resp: 718474  
Ion Ratio Lower Upper  
91 100  
92 53.2 0.0 105.4  
134 23.4 0.0 46.4



#86  
Hexachloroethane  
Concen: 19.337 ug/l  
RT: 14.080 min Scan# 2209  
Delta R.T. -0.006 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

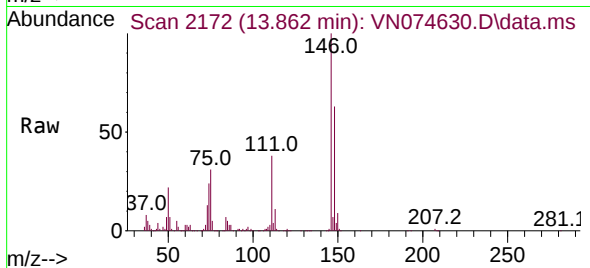
Tgt Ion: 117 Resp: 172304  
Ion Ratio Lower Upper  
117 100  
201 61.4 29.4 88.3



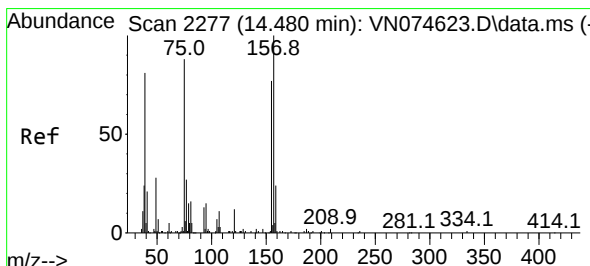
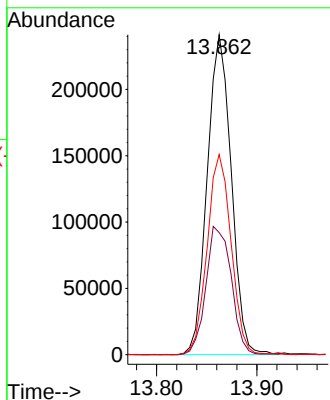
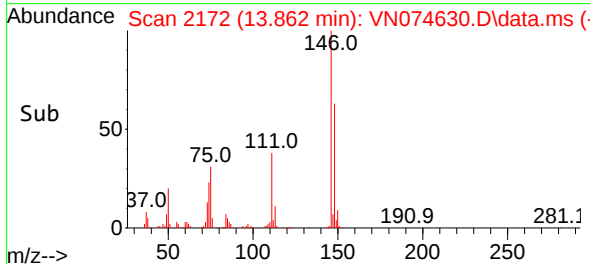


#87  
 1,2-Dichlorobenzene  
 Concen: 17.702 ug/l  
 RT: 13.862 min Scan# 2172  
 Delta R.T. -0.000 min  
 Lab File: VN074630.D  
 Acq: 27 Sep 2022 16:28

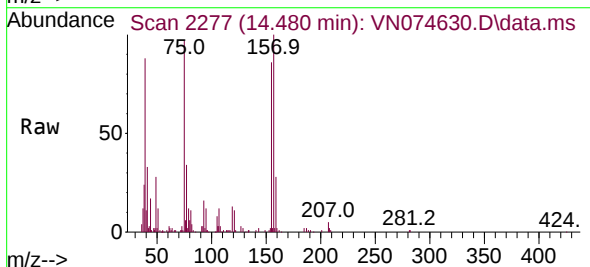
Instrument :  
 MSVOA\_N  
 ClientSampleId :



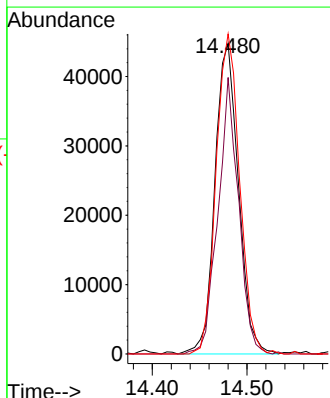
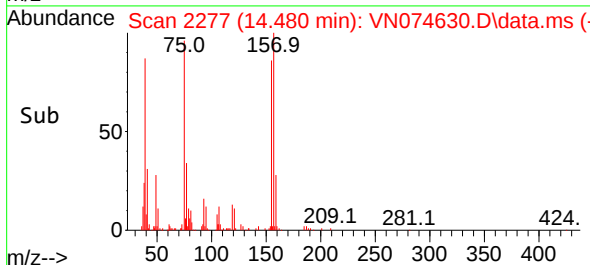
Tgt Ion:146 Resp: 402608  
 Ion Ratio Lower Upper  
 146 100  
 111 42.1 21.4 64.2  
 148 62.3 30.6 92.0

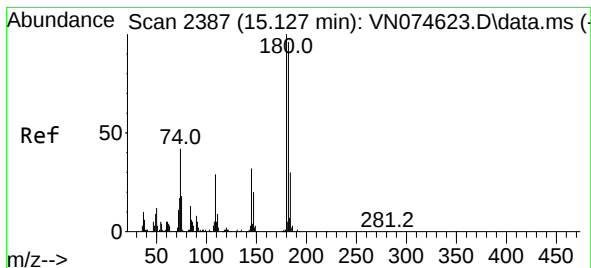


#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.304 ug/l  
 RT: 14.480 min Scan# 2277  
 Delta R.T. -0.000 min  
 Lab File: VN074630.D  
 Acq: 27 Sep 2022 16:28



Tgt Ion: 75 Resp: 77278  
 Ion Ratio Lower Upper  
 75 100  
 155 77.9 66.3 99.5  
 157 102.9 84.3 126.5





#89

1,2,4-Trichlorobenzene

Concen: 19.296 ug/l

RT: 15.127 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN074630.D

Acq: 27 Sep 2022 16:28

Instrument :

MSVOA\_N

ClientSampleId :

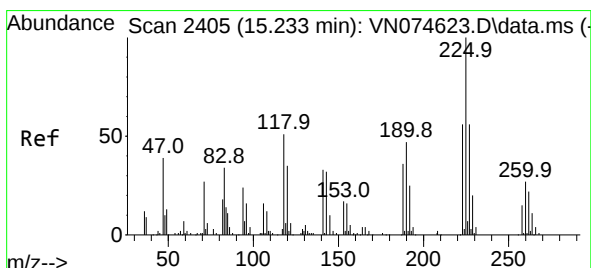
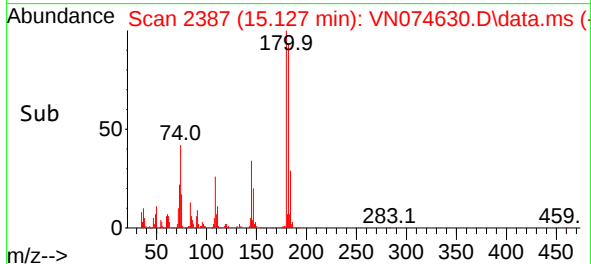
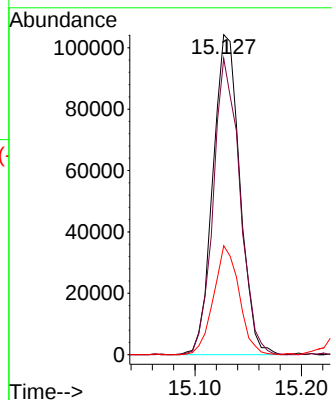
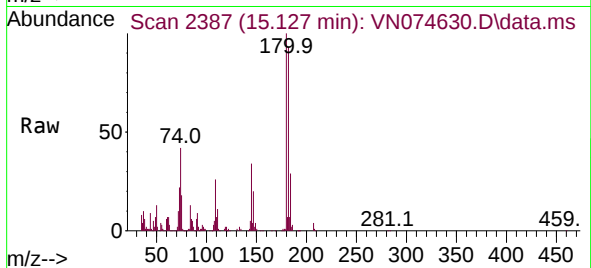
Tgt Ion:180 Resp: 183050

Ion Ratio Lower Upper

180 100

182 91.2 74.9 112.3

145 32.4 26.3 39.5



#90

Hexachlorobutadiene

Concen: 19.963 ug/l

RT: 15.233 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN074630.D

Acq: 27 Sep 2022 16:28

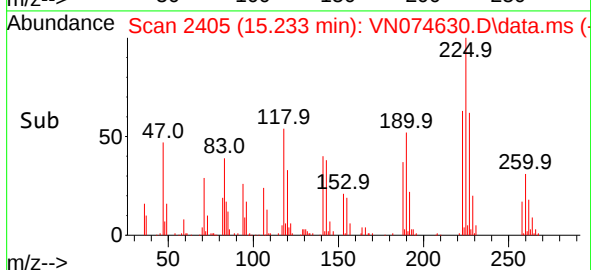
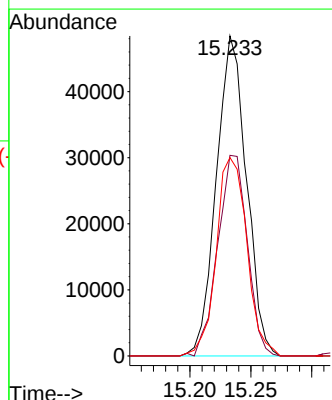
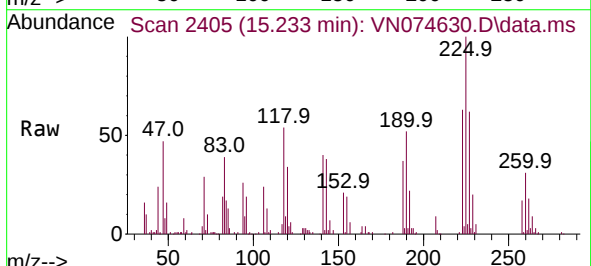
Tgt Ion:225 Resp: 83438

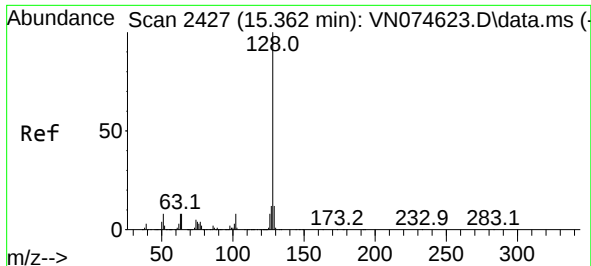
Ion Ratio Lower Upper

225 100

223 61.4 0.0 125.0

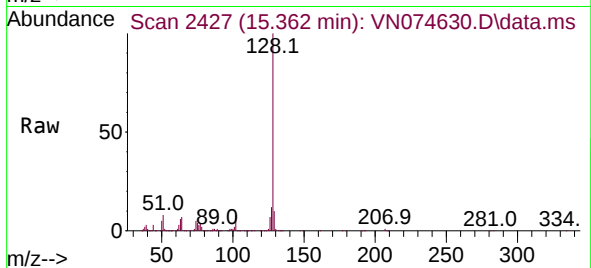
227 62.8 0.0 123.0



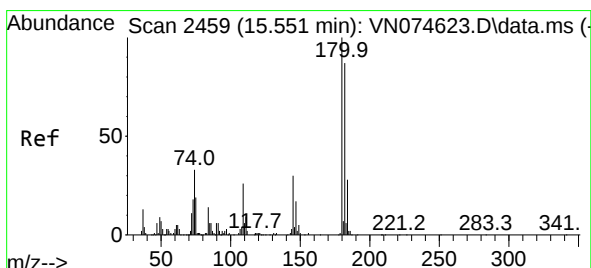
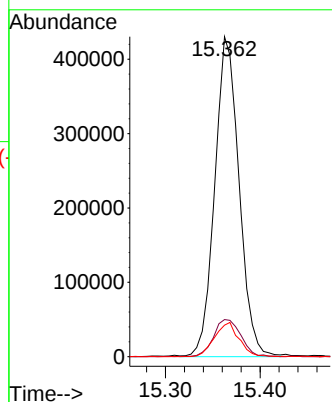
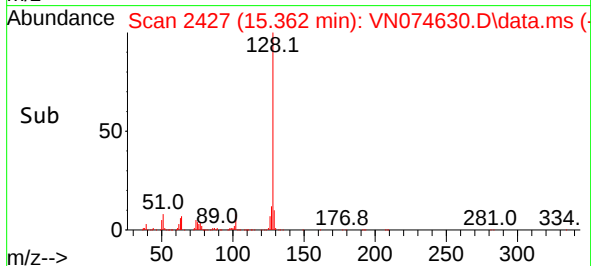


#91  
Naphthalene  
Concen: 19.302 ug/l  
RT: 15.362 min Scan# 2427  
Delta R.T. -0.000 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion:128 Resp: 768199  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.7 16.1  
129 10.8 8.9 13.3



#92  
1,2,3-Trichlorobenzene  
Concen: 18.787 ug/l  
RT: 15.556 min Scan# 2460  
Delta R.T. 0.006 min  
Lab File: VN074630.D  
Acq: 27 Sep 2022 16:28

Tgt Ion:180 Resp: 178683  
Ion Ratio Lower Upper  
180 100  
182 95.9 0.0 185.4  
145 32.3 0.0 68.6

