

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061622\  
 Data File : VN072883.D  
 Acq On : 16 Jun 2022 12:16  
 Operator : JC\MD  
 Sample : VSTDICCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jun 17 05:35:04 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061622W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 17 05:32:32 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.016  | 168  | 254210   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.898  | 114  | 414303   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.680 | 117  | 430680   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.610 | 152  | 224840   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.369  | 65    | 251733   | 53.599   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 107.200% |      |
| 35) Dibromofluoromethane    | 7.945  | 113   | 200652   | 53.317   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 106.640% |      |
| 50) Toluene-d8              | 10.374 | 98    | 768267   | 52.154   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 104.300% |      |
| 62) 4-Bromofluorobenzene    | 12.663 | 95    | 282777   | 55.337   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 110.680% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.046 | 85  | 191352  | 54.010  | ug/l   | 96  |
| 3) Chloromethane             | 2.269 | 50  | 210106  | 51.703  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.404 | 62  | 163785  | 52.533  | ug/l   | 98  |
| 5) Bromomethane              | 2.787 | 94  | 71043   | 58.311  | ug/l   | 92  |
| 6) Chloroethane              | 2.957 | 64  | 93768   | 51.155  | ug/l   | 95  |
| 7) Trichlorofluoromethane    | 3.310 | 101 | 309532  | 52.311  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.769 | 74  | 132501  | 53.150  | ug/l   | 89  |
| 9) 1,1,2-Trichlorotrifluo... | 4.140 | 101 | 171038  | 51.100  | ug/l   | 97  |
| 10) Methyl Iodide            | 4.351 | 142 | 237005  | 56.020  | ug/l   | 100 |
| 11) Tert butyl alcohol       | 5.292 | 59  | 315434  | 257.949 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 4.116 | 96  | 179624  | 50.667  | ug/l   | 94  |
| 13) Acrolein                 | 3.981 | 56  | 93809   | 243.147 | ug/l   | 99  |
| 14) Allyl chloride           | 4.757 | 41  | 369429  | 51.409  | ug/l   | 94  |
| 15) Acrylonitrile            | 5.475 | 53  | 708538  | 267.003 | ug/l   | 100 |
| 16) Acetone                  | 4.222 | 43  | 620565  | 261.776 | ug/l   | 96  |
| 17) Carbon Disulfide         | 4.457 | 76  | 487047  | 50.763  | ug/l   | 100 |
| 18) Methyl Acetate           | 4.775 | 43  | 328858  | 48.663  | ug/l   | 94  |
| 19) Methyl tert-butyl Ether  | 5.534 | 73  | 683630  | 52.708  | ug/l   | 99  |
| 20) Methylene Chloride       | 5.016 | 84  | 218380  | 51.503  | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene | 5.510 | 96  | 189064  | 50.407  | ug/l   | 99  |
| 22) Diisopropyl ether        | 6.416 | 45  | 700679  | 52.742  | ug/l   | 97  |
| 23) Vinyl Acetate            | 6.351 | 43  | 3251073 | 269.247 | ug/l   | 96  |
| 24) 1,1-Dichloroethane       | 6.304 | 63  | 365354  | 52.527  | ug/l   | 100 |
| 25) 2-Butanone               | 7.263 | 43  | 1004375 | 266.014 | ug/l   | 93  |
| 26) 2,2-Dichloropropane      | 7.245 | 77  | 314589  | 50.068  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.245 | 96  | 229149  | 50.401  | ug/l   | 99  |
| 28) Bromochloromethane       | 7.580 | 49  | 150944  | 50.646  | ug/l   | 93  |
| 29) Tetrahydrofuran          | 7.610 | 42  | 670454  | 267.851 | ug/l   | 90  |
| 30) Chloroform               | 7.745 | 83  | 369527  | 51.483  | ug/l   | 99  |
| 31) Cyclohexane              | 8.022 | 56  | 317770  | 50.466  | ug/l   | 96  |
| 32) 1,1,1-Trichloroethane    | 7.939 | 97  | 338569  | 53.268  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.145 | 75  | 264358  | 51.435  | ug/l   | 100 |
| 37) Ethyl Acetate            | 7.339 | 43  | 407026  | 54.721  | ug/l   | 96  |
| 38) Carbon Tetrachloride     | 8.133 | 117 | 287534  | 51.961  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.392 | 83  | 327710  | 51.372  | ug/l   | 95  |
| 40) Benzene                  | 8.386 | 78  | 844606  | 51.576  | ug/l   | 97  |

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 Sample : VSTDICCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jun 17 05:35:04 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061622W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 17 05:32:32 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.563  | 41   | 199090   | 51.413   | ug/l # | 85       |
| 42) 1,2-Dichloroethane        | 8.463  | 62   | 306174   | 51.852   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.492  | 43   | 608808   | 52.588   | ug/l   | 95       |
| 44) Trichloroethene           | 9.145  | 130  | 221463   | 50.583   | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 9.422  | 63   | 212673   | 51.468   | ug/l   | 97       |
| 46) Dibromomethane            | 9.510  | 93   | 149508   | 52.139   | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.698  | 83   | 304322   | 52.393   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.492  | 41   | 279755   | 52.905   | ug/l   | 93       |
| 49) 1,4-Dioxane               | 9.504  | 88   | 120406   | 1074.966 | ug/l # | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.269 | 43   | 1953464  | 260.845  | ug/l   | 93       |
| 52) Toluene                   | 10.439 | 92   | 545257   | 51.451   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.657 | 75   | 347399   | 52.493   | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.122 | 75   | 363945   | 52.969   | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane     | 10.833 | 97   | 220758   | 51.598   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.698 | 69   | 388233   | 53.434   | ug/l   | 89       |
| 57) 1,3-Dichloropropane       | 10.980 | 76   | 380396   | 52.101   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.974  | 63   | 718379   | 279.710  | ug/l   | 98       |
| 59) 2-Hexanone                | 11.021 | 43   | 1507215  | 271.035  | ug/l   | 92       |
| 60) Dibromochloromethane      | 11.174 | 129  | 244699   | 53.307   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.280 | 107  | 243067   | 52.201   | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.910 | 164  | 202778   | 49.039   | ug/l   | 96       |
| 65) Chlorobenzene             | 11.704 | 112  | 584854   | 51.538   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.774 | 131  | 225327   | 51.359   | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.780 | 91   | 1037374  | 51.752   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.886 | 106  | 791162   | 102.742  | ug/l   | 97       |
| 69) o-Xylene                  | 12.216 | 106  | 398080   | 50.386   | ug/l   | 98       |
| 70) Styrene                   | 12.227 | 104  | 644734   | 52.721   | ug/l   | 99       |
| 71) Bromoform                 | 12.392 | 173  | 191466   | 54.010   | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.515 | 105  | 1012240  | 47.208   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.321 | 43   | 484711   | 52.826   | ug/l   | 91       |
| 75) 1,1,2,2-Tetrachloroethane | 12.763 | 83   | 339478   | 48.421   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.815 | 75   | 453859   | 67.711   | ug/l # | 1        |
| 77) Bromobenzene              | 12.792 | 156  | 242510   | 48.395   | ug/l   | 93       |
| 78) n-propylbenzene           | 12.857 | 91   | 1129668  | 50.517   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.939 | 91   | 707618   | 48.547   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.992 | 105  | 827101   | 48.134   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.563 | 75   | 119143   | 50.698   | ug/l   | 100      |
| 82) 4-Chlorotoluene           | 13.039 | 91   | 664913   | 49.498   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.257 | 119  | 731421   | 47.555   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.304 | 105  | 811003   | 49.093   | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.433 | 105  | 1001218  | 50.213   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.551 | 119  | 815801   | 50.692   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.551 | 146  | 399845   | 48.985   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.627 | 146  | 395317   | 48.098   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.874 | 91   | 648599   | 52.435   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.139 | 117  | 167134   | 48.035   | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene       | 13.921 | 146  | 401630   | 48.650   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.533 | 75   | 76871    | 45.177   | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.186 | 180  | 212531   | 51.516   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.298 | 225  | 95050    | 46.544   | ug/l   | 98       |
| 95) Naphthalene               | 15.427 | 128  | 756415   | 53.100   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.621 | 180  | 212505   | 51.870   | ug/l   | 99       |

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Sample : VSTDICCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Jun 17 05:35:04 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061622W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jun 17 05:32:32 2022  
Response via : Initial Calibration

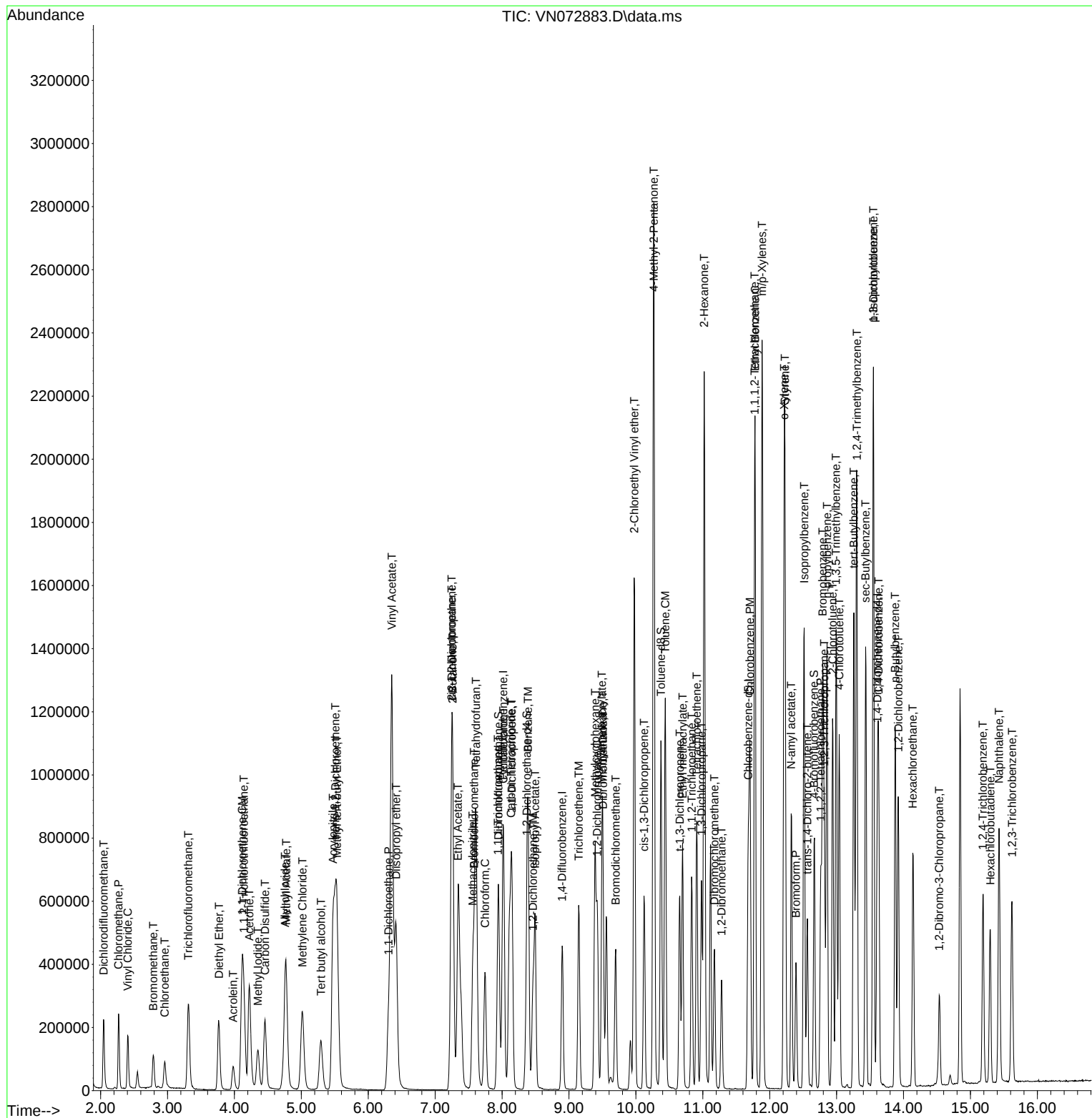
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

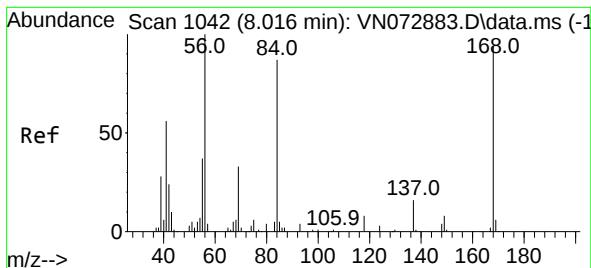
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 Sample : VSTDICCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

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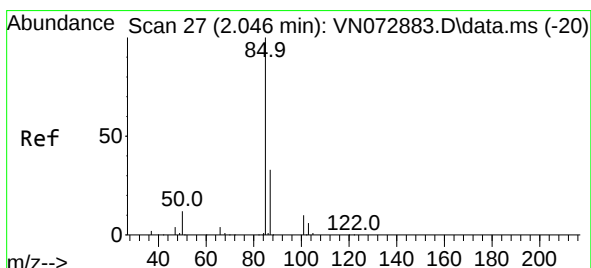
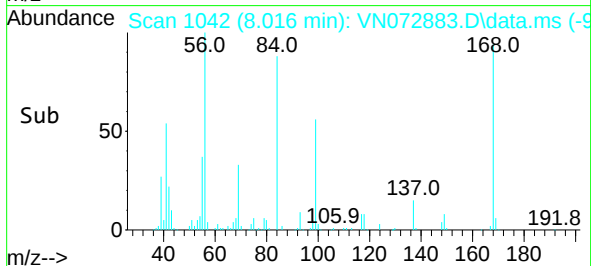
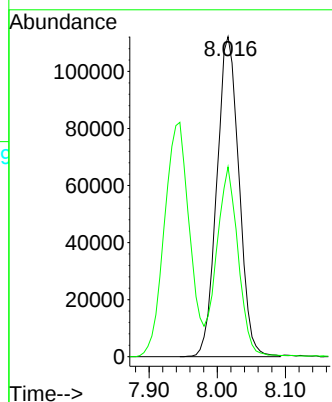
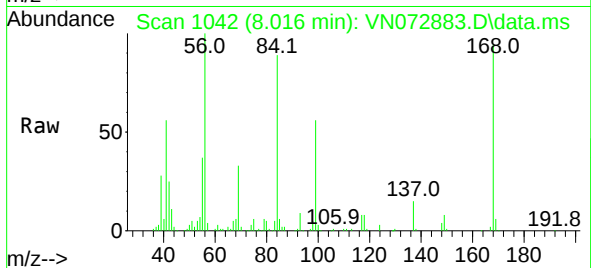




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

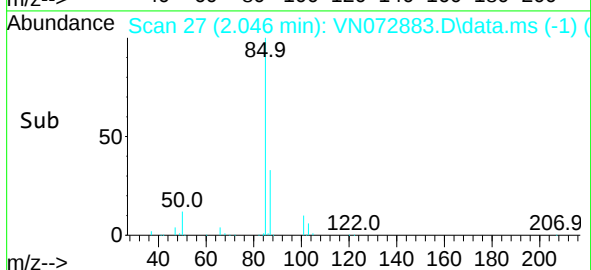
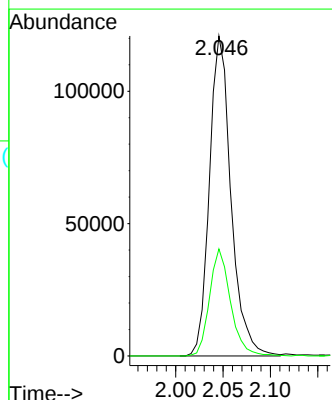
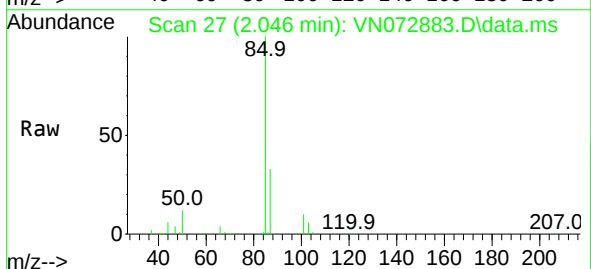
Instrument :  
MSVOA\_N  
ClientSampleId :

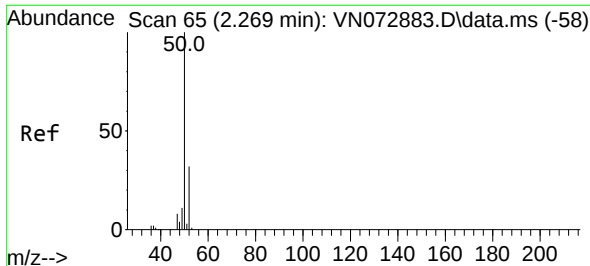
Tgt Ion:168 Resp: 254210  
Ion Ratio Lower Upper  
168 100  
99 58.9 42.3 63.5



#2  
Dichlorodifluoromethane  
Concen: 54.010 ug/l  
RT: 2.046 min Scan# 27  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

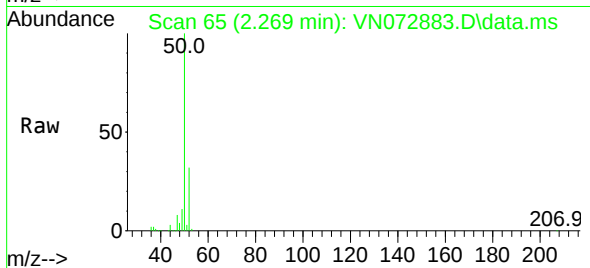
Tgt Ion: 85 Resp: 191352  
Ion Ratio Lower Upper  
85 100  
87 33.5 15.7 47.1



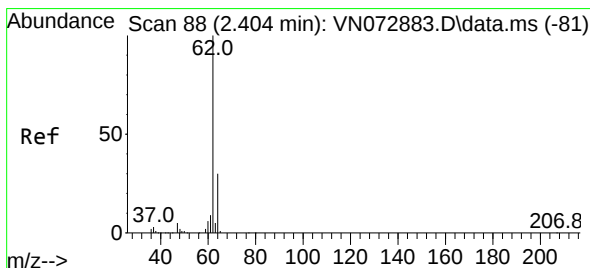
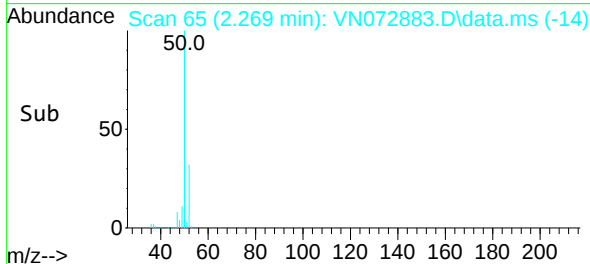
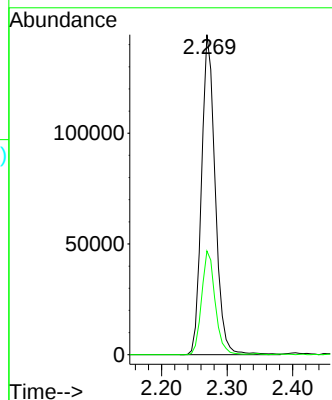


#3  
Chloromethane  
Concen: 51.703 ug/l  
RT: 2.269 min Scan# 65  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

Instrument :  
MSVOA\_N  
ClientSampleId :

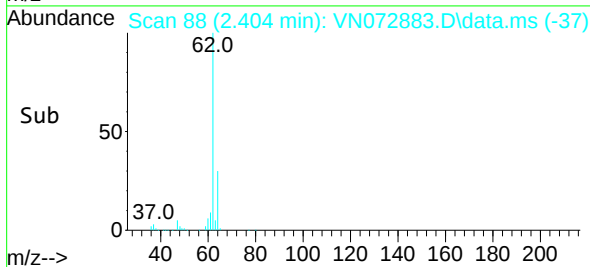
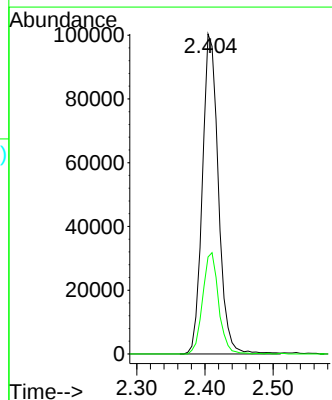
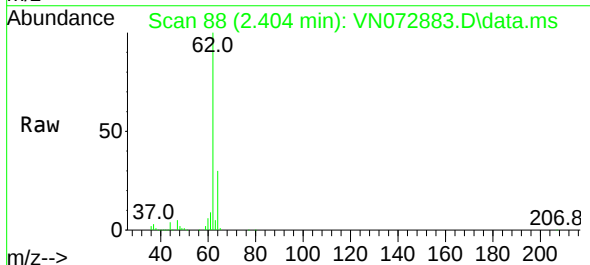


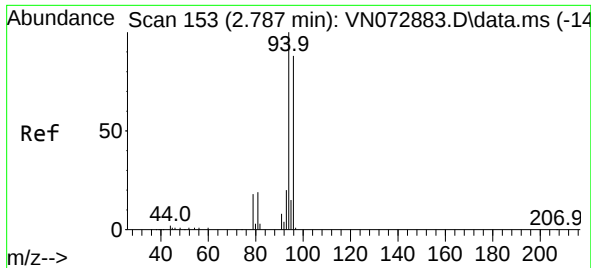
Tgt Ion: 50 Resp: 210106  
Ion Ratio Lower Upper  
50 100  
52 32.4 25.7 38.5



#4  
Vinyl Chloride  
Concen: 52.533 ug/l  
RT: 2.404 min Scan# 88  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

Tgt Ion: 62 Resp: 163785  
Ion Ratio Lower Upper  
62 100  
64 30.3 25.0 37.4

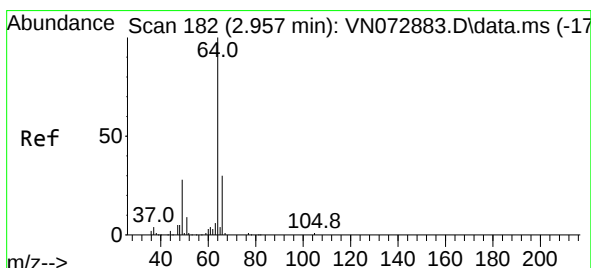
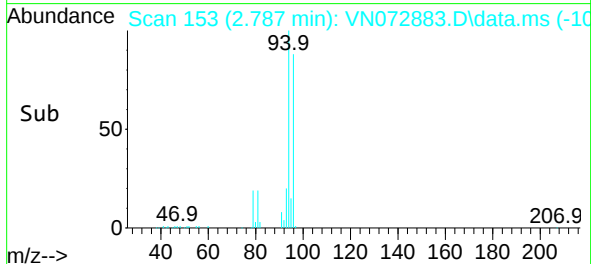
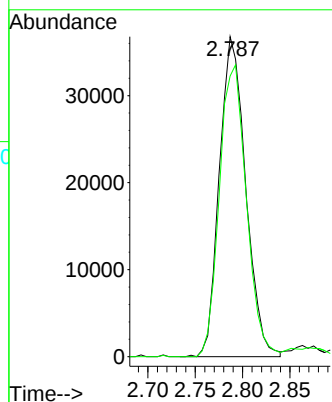
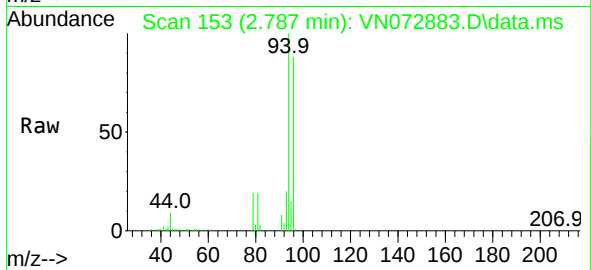




#5  
Bromomethane  
Concen: 58.311 ug/l  
RT: 2.787 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

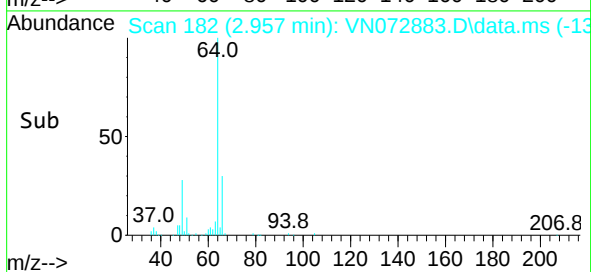
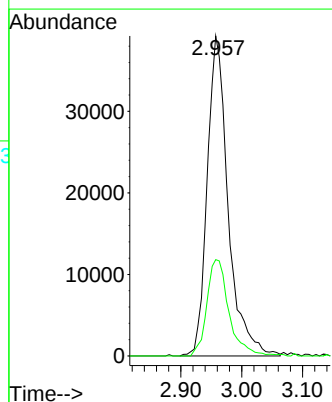
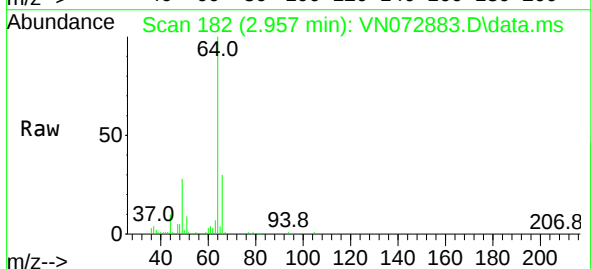
Instrument :  
MSVOA\_N  
ClientSampleId :

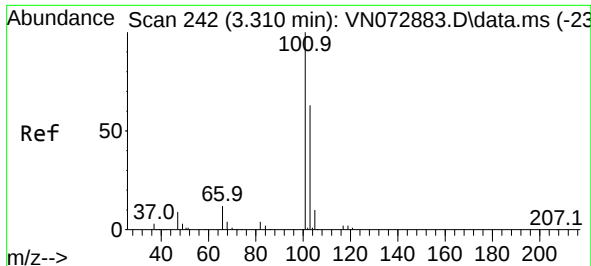
Tgt Ion: 94 Resp: 71043  
Ion Ratio Lower Upper  
94 100  
96 87.7 76.0 114.0



#6  
Chloroethane  
Concen: 51.155 ug/l  
RT: 2.957 min Scan# 182  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

Tgt Ion: 64 Resp: 93768  
Ion Ratio Lower Upper  
64 100  
66 30.1 26.2 39.4

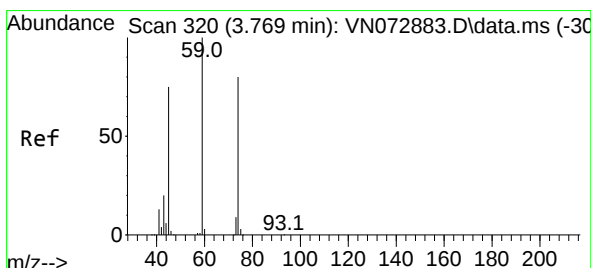
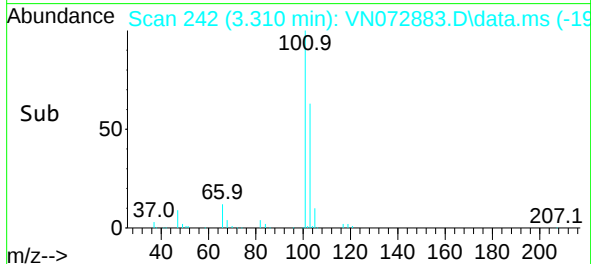
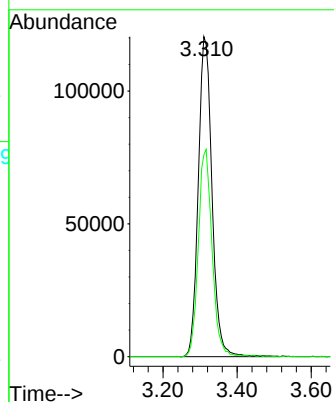
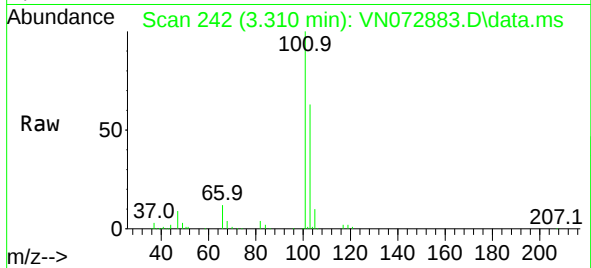




#7  
 Trichlorofluoromethane  
 Concen: 52.311 ug/l  
 RT: 3.310 min Scan# 242  
 Delta R.T. 0.000 min  
 Lab File: VN072883.D  
 Acq: 16 Jun 2022 12:16

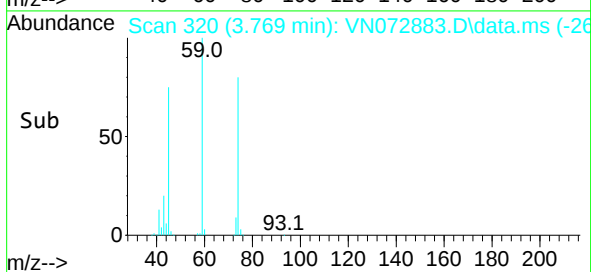
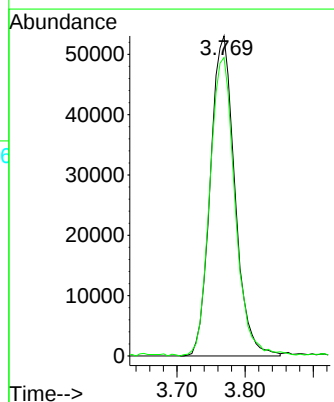
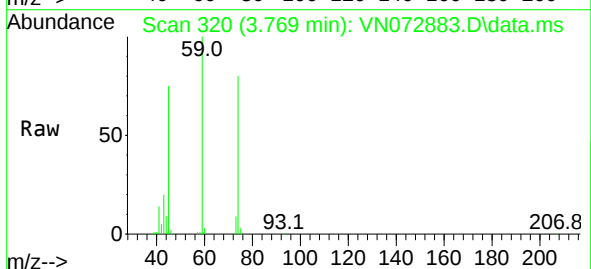
Instrument :  
 MSVOA\_N  
 ClientSampleId :

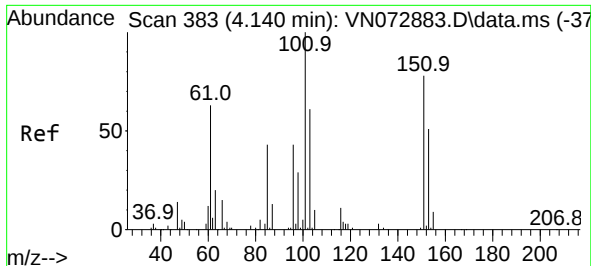
Tgt Ion:101 Resp: 309532  
 Ion Ratio Lower Upper  
 101 100  
 103 63.1 51.5 77.3



#8  
 Diethyl Ether  
 Concen: 53.150 ug/l  
 RT: 3.769 min Scan# 320  
 Delta R.T. 0.000 min  
 Lab File: VN072883.D  
 Acq: 16 Jun 2022 12:16

Tgt Ion: 74 Resp: 132501  
 Ion Ratio Lower Upper  
 74 100  
 45 96.2 42.9 128.5

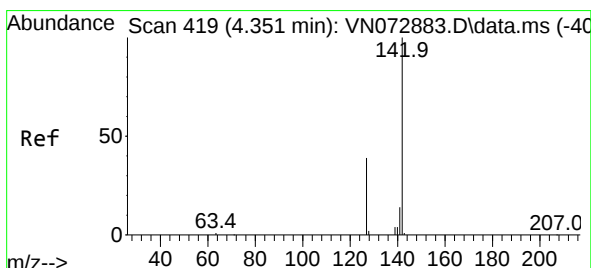
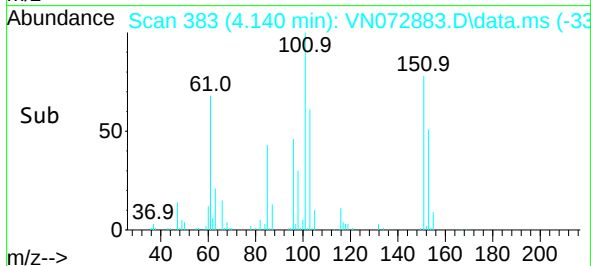
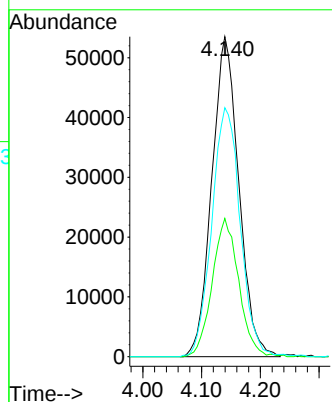
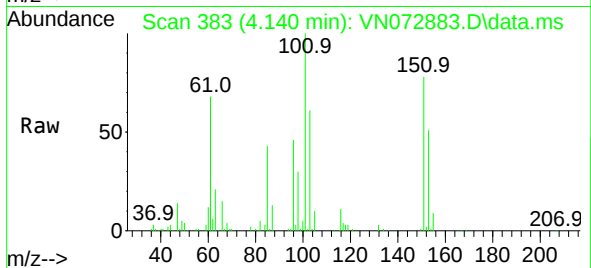




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 51.100 ug/l  
RT: 4.140 min Scan# 383  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

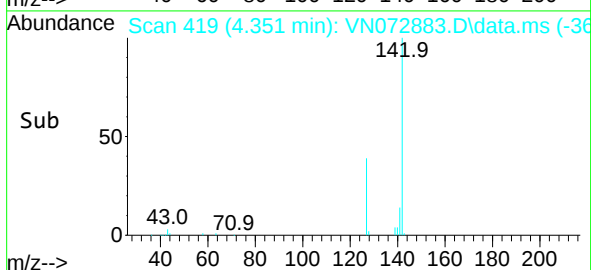
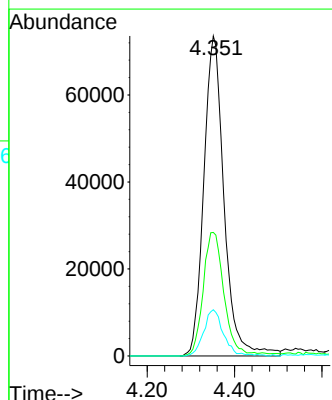
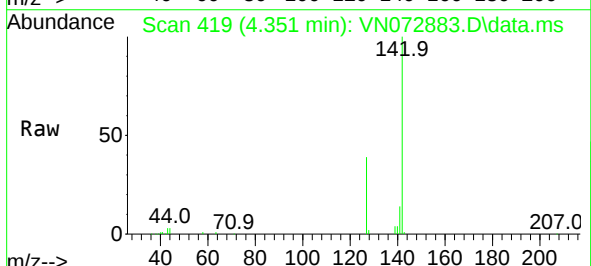
Instrument :  
MSVOA\_N  
ClientSampleId :

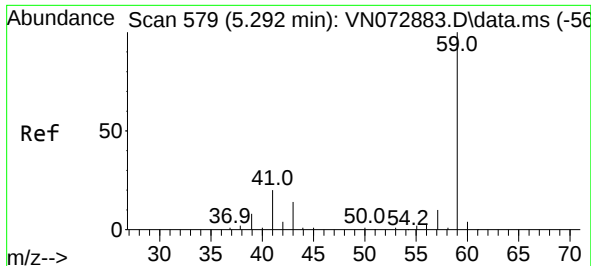
Tgt Ion:101 Resp: 171038  
Ion Ratio Lower Upper  
101 100  
85 42.4 34.7 52.1  
151 82.1 63.0 94.4



#10  
Methyl Iodide  
Concen: 56.020 ug/l  
RT: 4.351 min Scan# 419  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

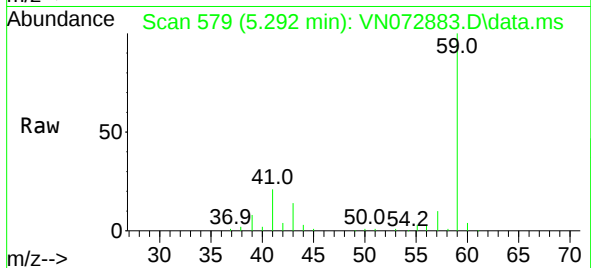
Tgt Ion:142 Resp: 237005  
Ion Ratio Lower Upper  
142 100  
127 39.2 31.3 46.9  
141 14.0 11.2 16.8



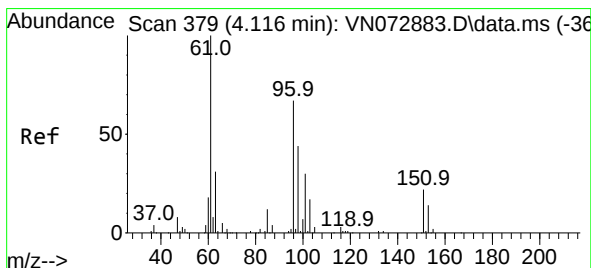
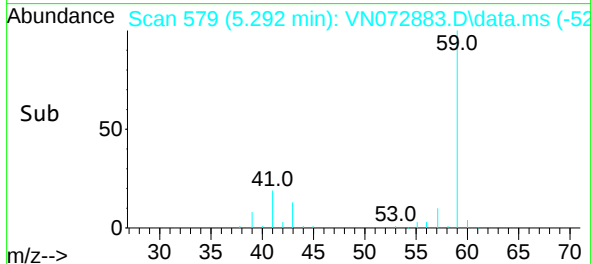
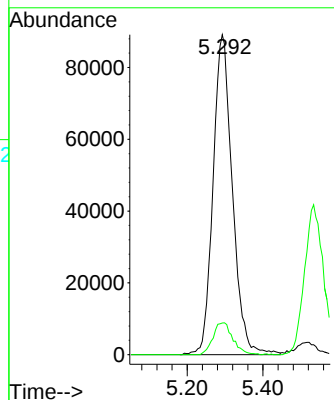


#11  
Tert butyl alcohol  
Concen: 257.949 ug/l  
RT: 5.292 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

Instrument :  
MSVOA\_N  
ClientSampleId :

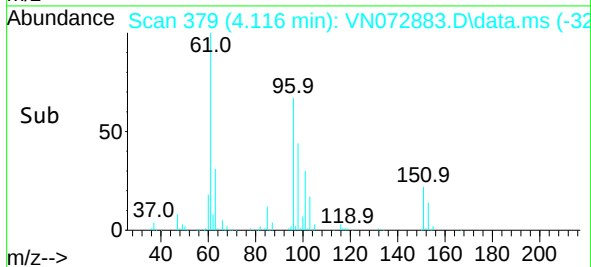
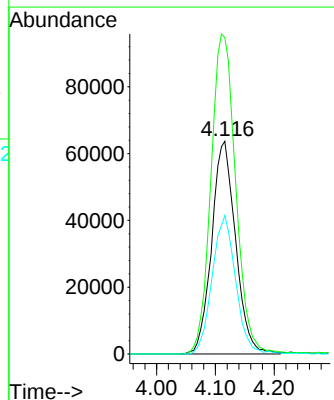
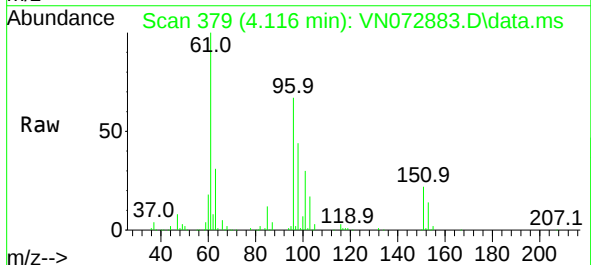


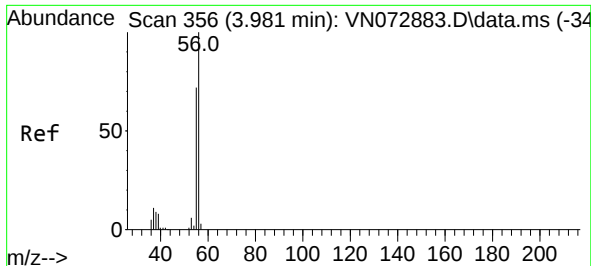
Tgt Ion: 59 Resp: 315434  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 50.667 ug/l  
RT: 4.116 min Scan# 379  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

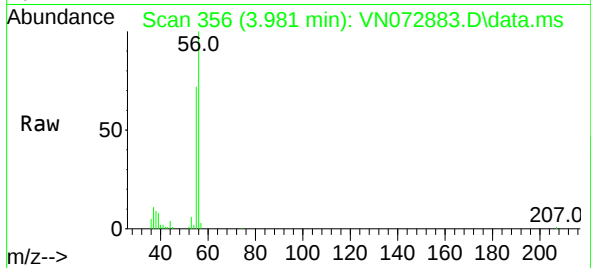
Tgt Ion: 96 Resp: 179624  
Ion Ratio Lower Upper  
96 100  
61 148.7 127.6 191.4  
98 65.1 51.2 76.8



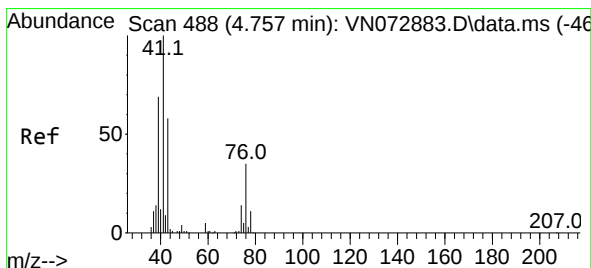
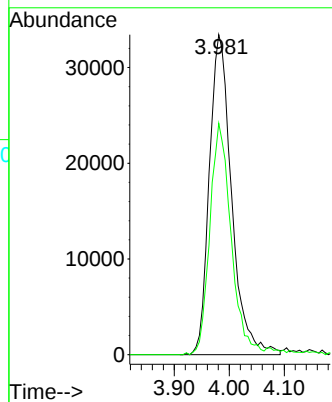
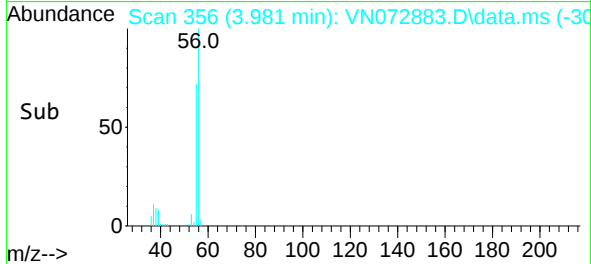


#13  
Acrolein  
Concen: 243.147 ug/l  
RT: 3.981 min Scan# 356  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

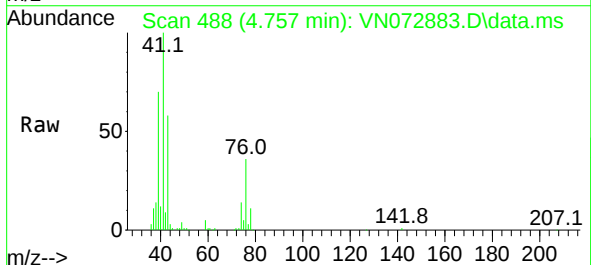
Instrument :  
MSVOA\_N  
ClientSampleId :



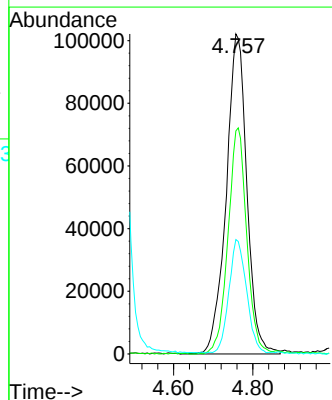
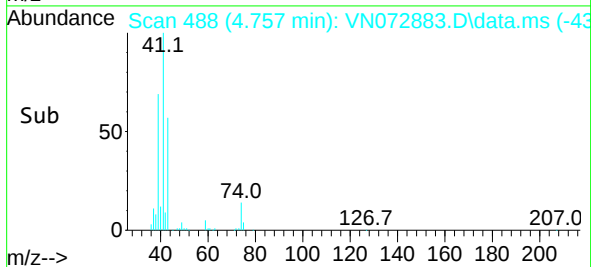
Tgt Ion: 56 Resp: 93809  
Ion Ratio Lower Upper  
56 100  
55 68.9 54.8 82.2

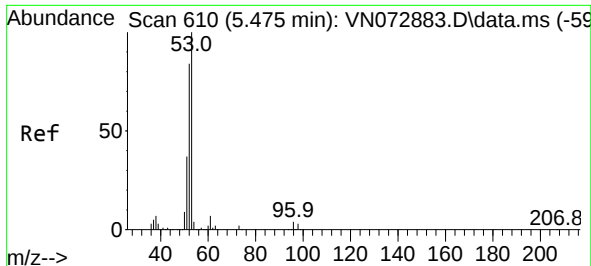


#14  
Allyl chloride  
Concen: 51.409 ug/l  
RT: 4.757 min Scan# 488  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16



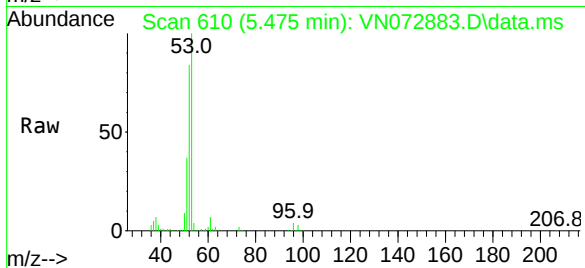
Tgt Ion: 41 Resp: 369429  
Ion Ratio Lower Upper  
41 100  
39 63.9 53.2 79.8  
76 30.3 29.9 44.9



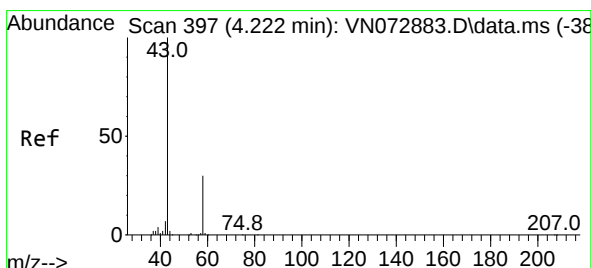
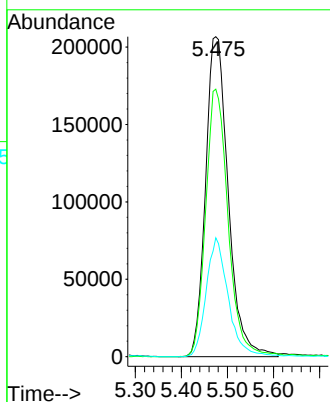
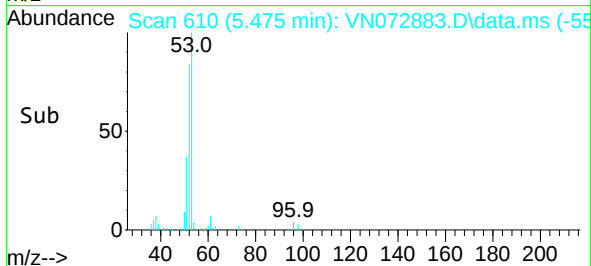


#15  
Acrylonitrile  
Concen: 267.003 ug/l  
RT: 5.475 min Scan# 610  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

Instrument :  
MSVOA\_N  
ClientSampleId :

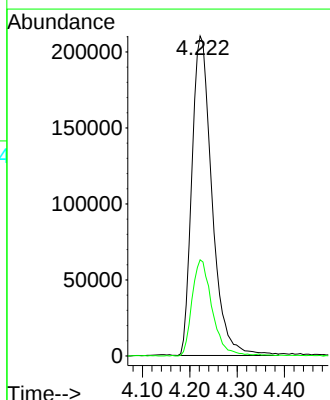
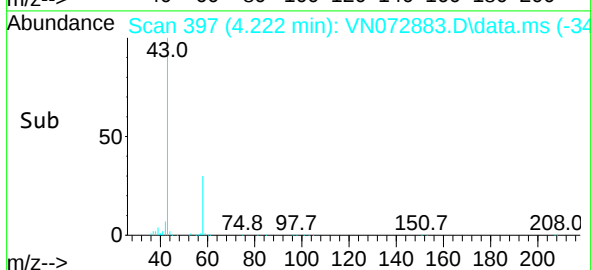
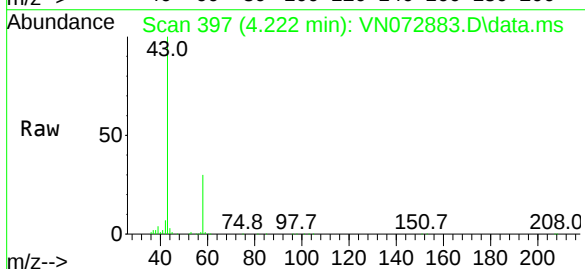


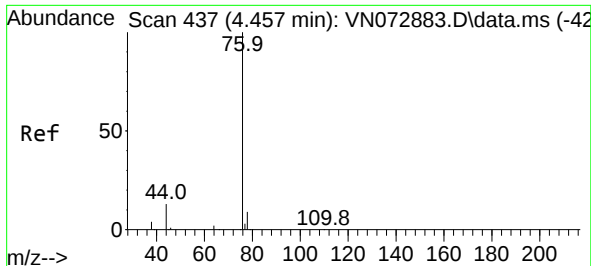
Tgt Ion: 53 Resp: 708538  
Ion Ratio Lower Upper  
53 100  
52 82.8 66.4 99.6  
51 36.0 28.5 42.7



#16  
Acetone  
Concen: 261.776 ug/l  
RT: 4.222 min Scan# 397  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

Tgt Ion: 43 Resp: 620565  
Ion Ratio Lower Upper  
43 100  
58 30.1 26.0 39.0





#17

Carbon Disulfide

Concen: 50.763 ug/l

RT: 4.457 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN072883.D

Acq: 16 Jun 2022 12:16

Instrument :

MSVOA\_N

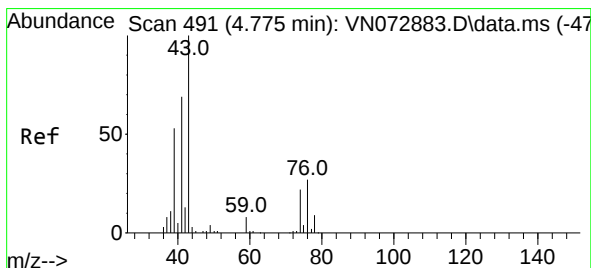
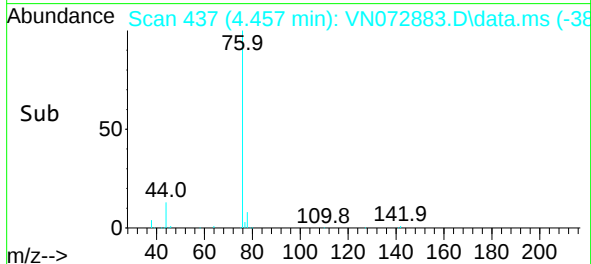
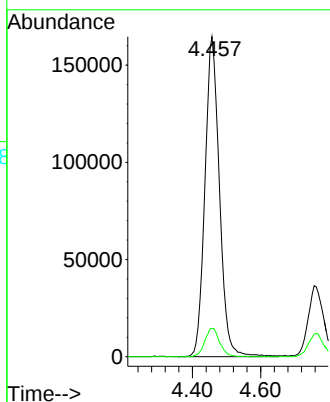
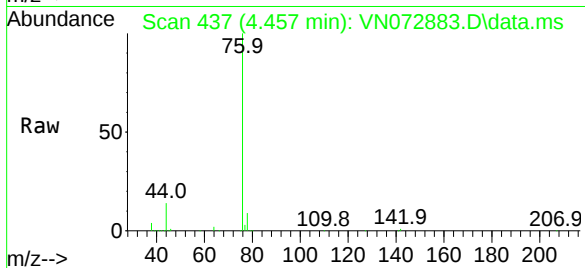
ClientSampleId :

Tgt Ion: 76 Resp: 487047

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8



#18

Methyl Acetate

Concen: 48.663 ug/l

RT: 4.775 min Scan# 491

Delta R.T. 0.000 min

Lab File: VN072883.D

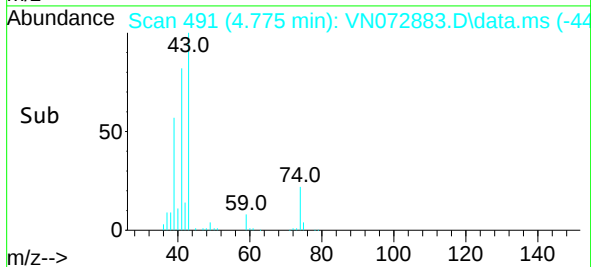
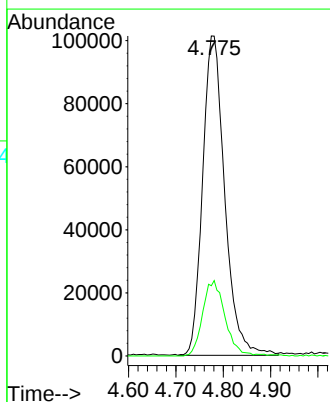
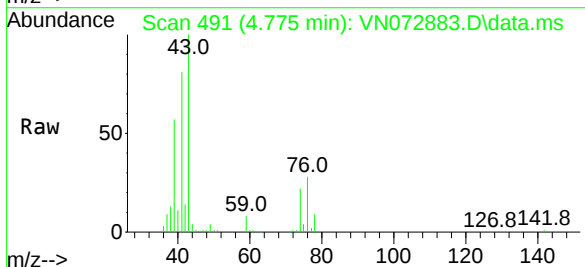
Acq: 16 Jun 2022 12:16

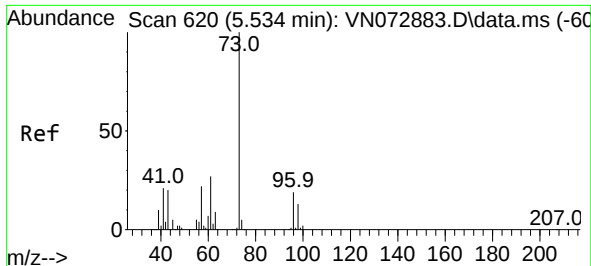
Tgt Ion: 43 Resp: 328858

Ion Ratio Lower Upper

43 100

74 23.8 21.6 32.4





#19

Methyl tert-butyl Ether

Concen: 52.708 ug/l

RT: 5.534 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN072883.D

Acq: 16 Jun 2022 12:16

Instrument :

MSVOA\_N

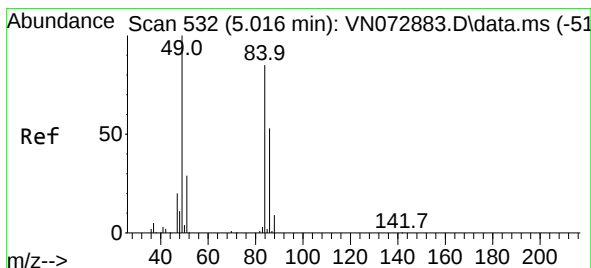
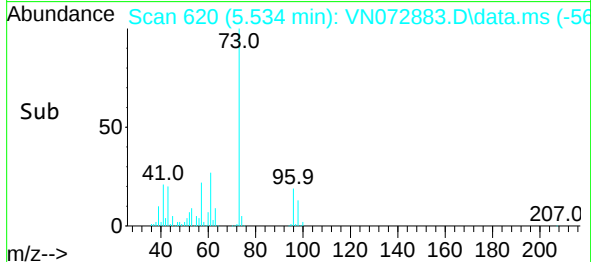
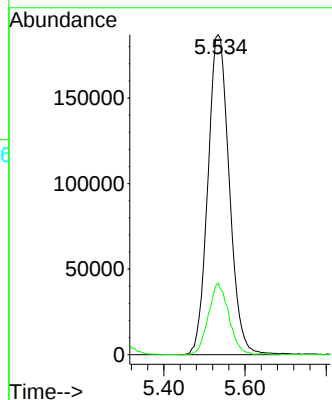
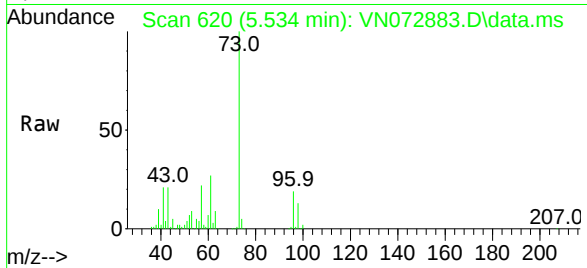
ClientSampleId :

Tgt Ion: 73 Resp: 683630

Ion Ratio Lower Upper

73 100

57 22.3 17.6 26.4



#20

Methylene Chloride

Concen: 51.503 ug/l

RT: 5.016 min Scan# 532

Delta R.T. 0.000 min

Lab File: VN072883.D

Acq: 16 Jun 2022 12:16

Tgt Ion: 84 Resp: 218380

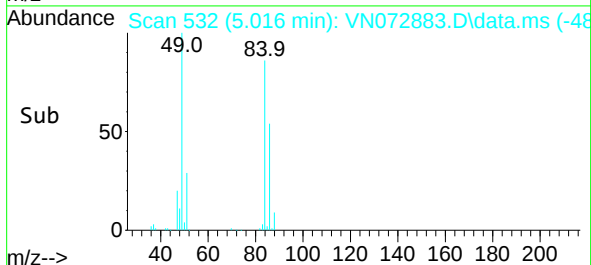
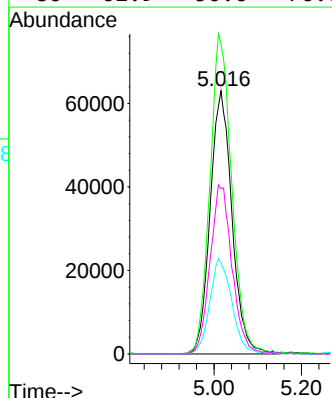
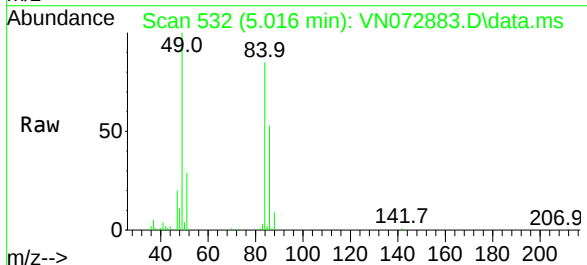
Ion Ratio Lower Upper

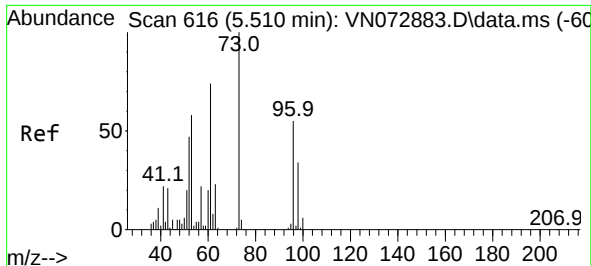
84 100

49 117.6 88.3 132.5

51 34.5 28.2 42.2

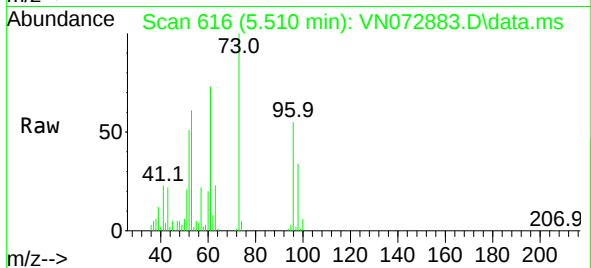
86 62.9 50.6 76.0



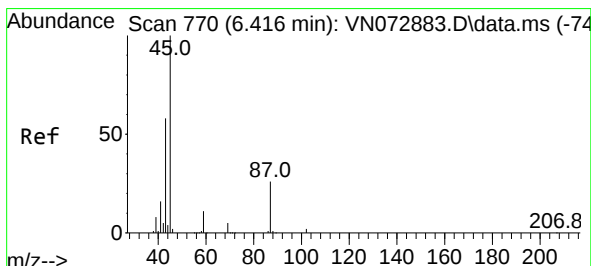
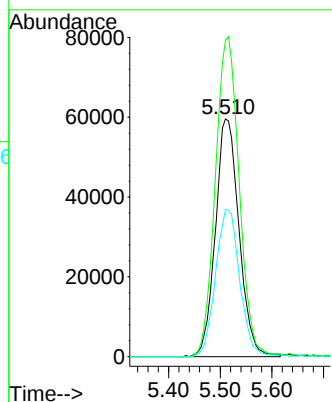
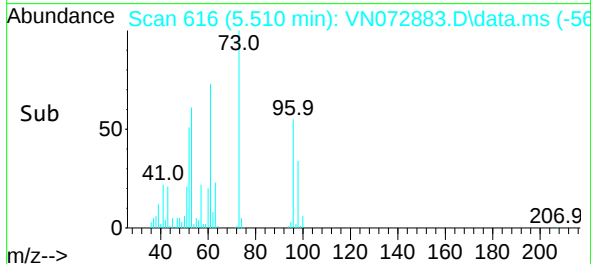


#21  
trans-1,2-Dichloroethene  
Concen: 50.407 ug/l  
RT: 5.510 min Scan# 616  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

Instrument :  
MSVOA\_N  
ClientSampleId :

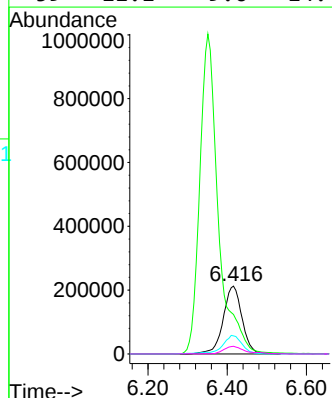
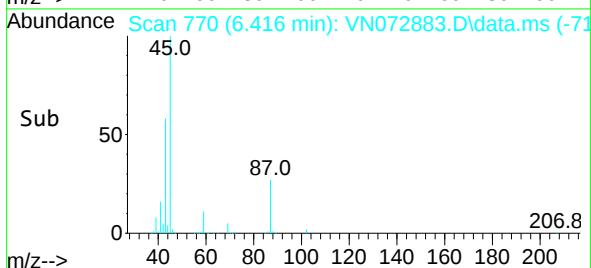
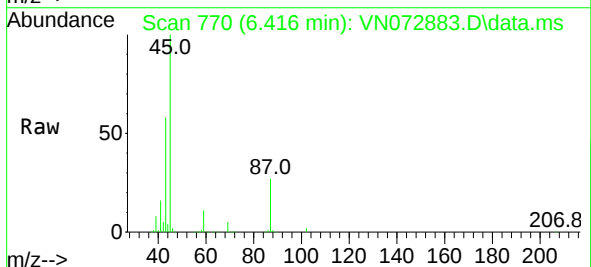


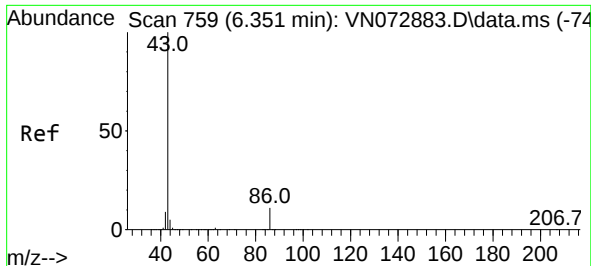
Tgt Ion: 96 Resp: 189064  
Ion Ratio Lower Upper  
96 100  
61 133.2 105.8 158.8  
98 62.1 50.3 75.5



#22  
Diisopropyl ether  
Concen: 52.742 ug/l  
RT: 6.416 min Scan# 770  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

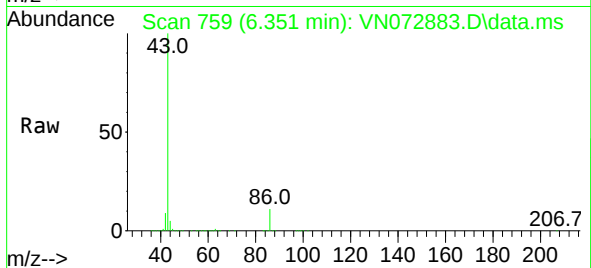
Tgt Ion: 45 Resp: 700679  
Ion Ratio Lower Upper  
45 100  
43 58.0 46.6 70.0  
87 26.6 24.3 36.5  
59 11.1 9.6 14.4



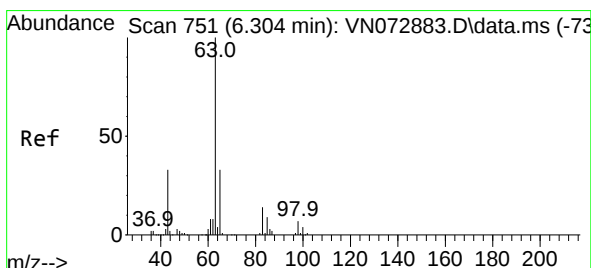
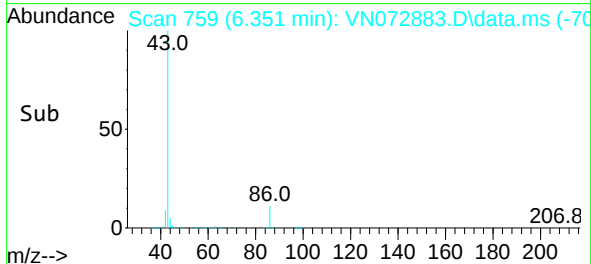
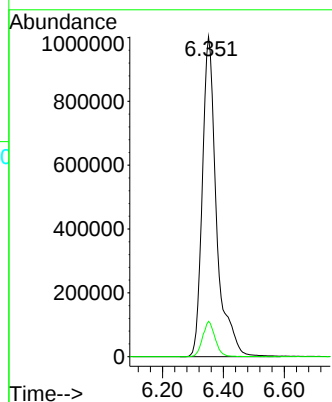


#23  
 Vinyl Acetate  
 Concen: 269.247 ug/l  
 RT: 6.351 min Scan# 759  
 Delta R.T. 0.000 min  
 Lab File: VN072883.D  
 Acq: 16 Jun 2022 12:16

Instrument :  
 MSVOA\_N  
 ClientSampleId :

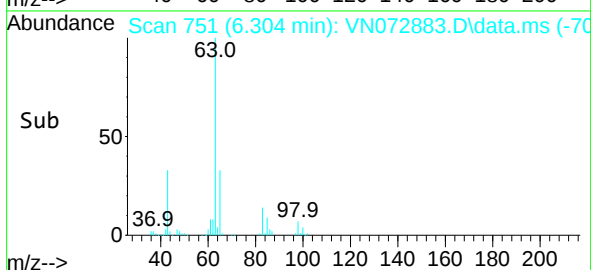
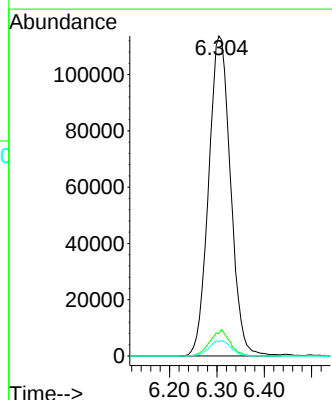
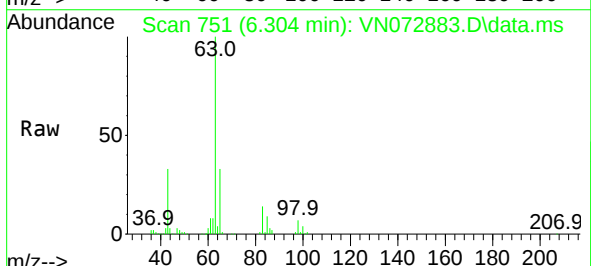


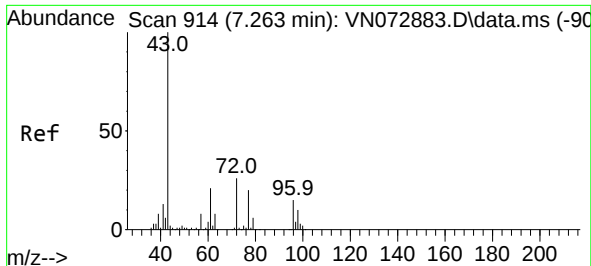
Tgt Ion: 43 Resp: 3251073  
 Ion Ratio Lower Upper  
 43 100  
 86 11.1 10.0 15.0



#24  
 1,1-Dichloroethane  
 Concen: 52.527 ug/l  
 RT: 6.304 min Scan# 751  
 Delta R.T. 0.000 min  
 Lab File: VN072883.D  
 Acq: 16 Jun 2022 12:16

Tgt Ion: 63 Resp: 365354  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.5 10.4  
 100 4.4 2.3 6.8

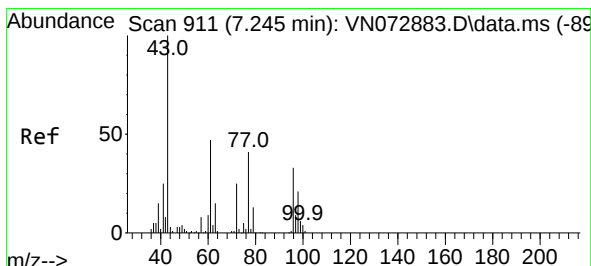
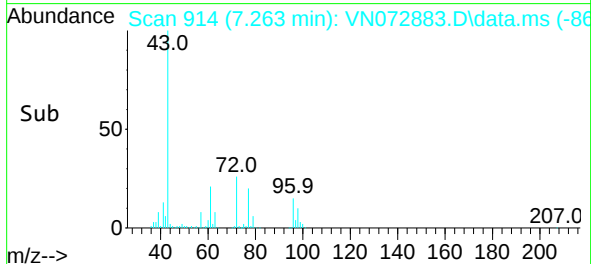
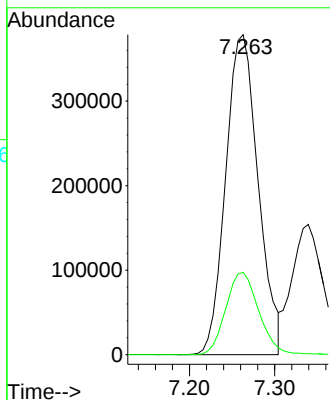
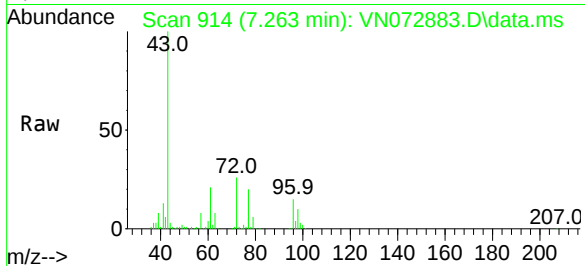




#25  
2-Butanone  
Concen: 266.014 ug/l  
RT: 7.263 min Scan# 914  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

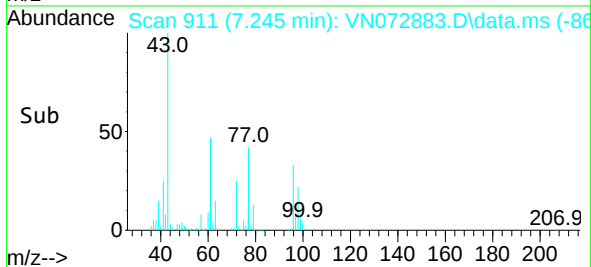
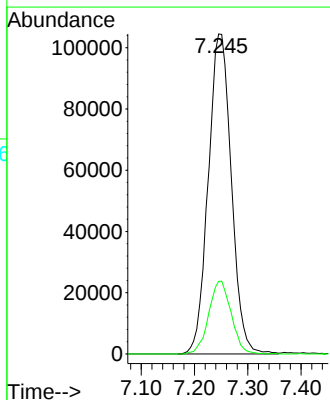
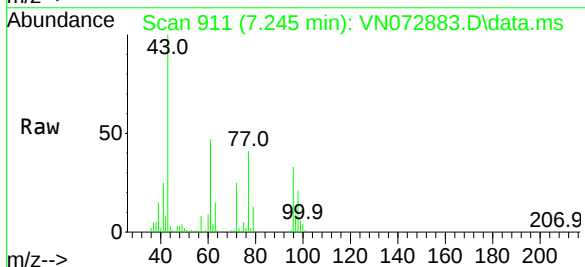
Instrument :  
MSVOA\_N  
ClientSampleId :

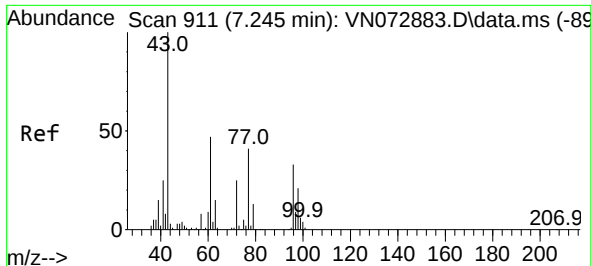
Tgt Ion: 43 Resp: 1004375  
Ion Ratio Lower Upper  
43 100  
72 25.7 23.7 35.5



#26  
2,2-Dichloropropane  
Concen: 50.068 ug/l  
RT: 7.245 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

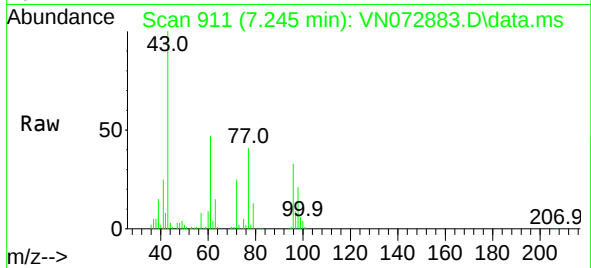
Tgt Ion: 77 Resp: 314589  
Ion Ratio Lower Upper  
77 100  
97 22.1 11.4 34.2



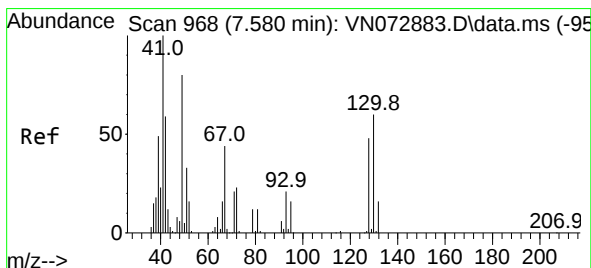
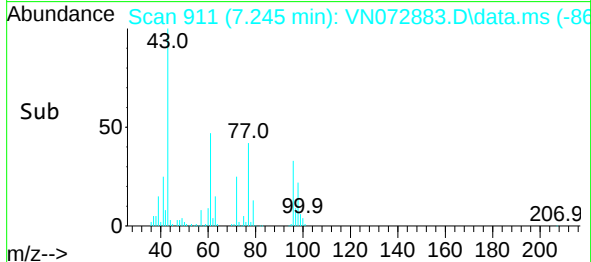
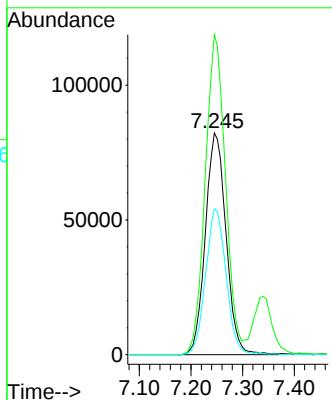


#27  
 cis-1,2-Dichloroethene  
 Concen: 50.401 ug/l  
 RT: 7.245 min Scan# 911  
 Delta R.T. 0.000 min  
 Lab File: VN072883.D  
 Acq: 16 Jun 2022 12:16

Instrument :  
 MSVOA\_N  
 ClientSampleId :

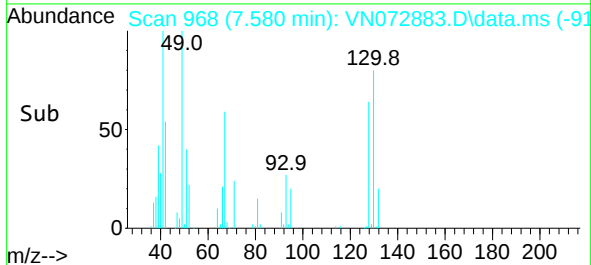
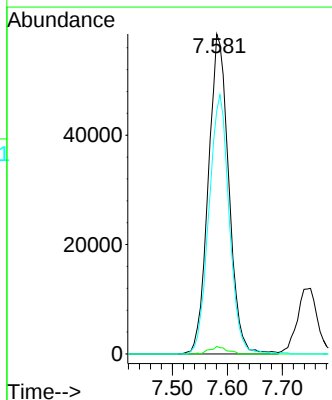
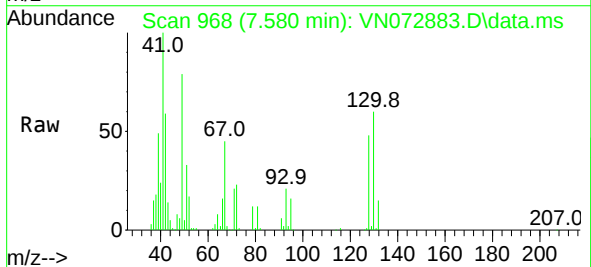


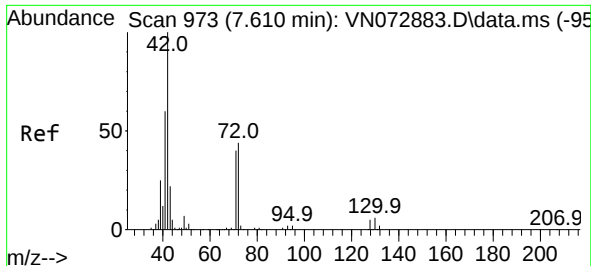
Tgt Ion: 96 Resp: 229149  
 Ion Ratio Lower Upper  
 96 100  
 61 140.3 0.0 280.6  
 98 65.4 0.0 128.4



#28  
 Bromochloromethane  
 Concen: 50.646 ug/l  
 RT: 7.580 min Scan# 968  
 Delta R.T. 0.000 min  
 Lab File: VN072883.D  
 Acq: 16 Jun 2022 12:16

Tgt Ion: 49 Resp: 150944  
 Ion Ratio Lower Upper  
 49 100  
 129 2.0 0.0 4.6  
 130 80.5 69.7 104.5





#29

Tetrahydrofuran

Concen: 267.851 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

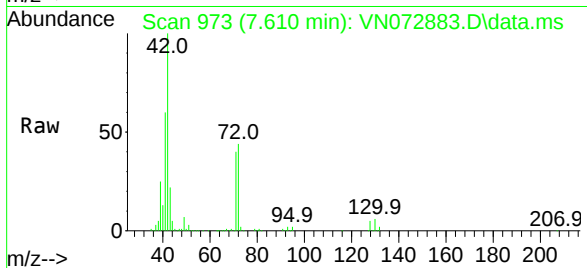
Lab File: VN072883.D

Acq: 16 Jun 2022 12:16

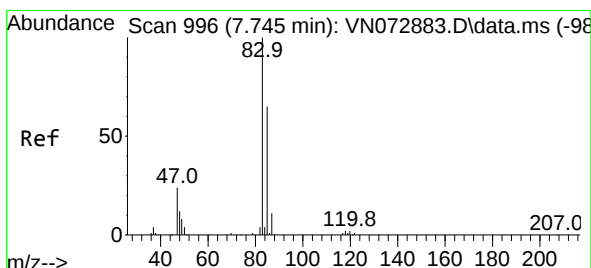
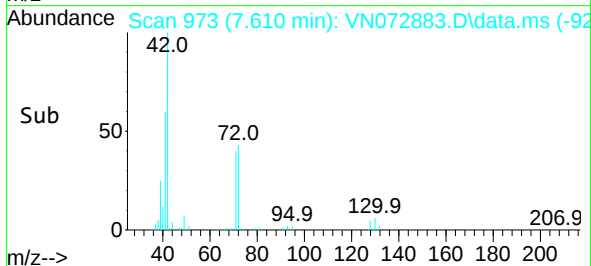
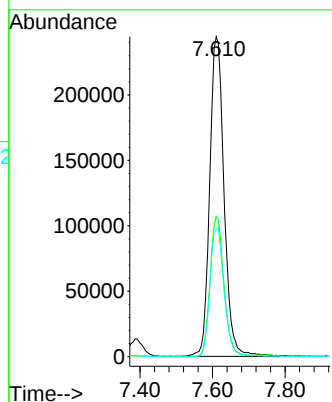
Instrument :

MSVOA\_N

ClientSampleId :



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 670454 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 42.7  | 39.7  | 59.5   |
| 71       | 39.8  | 36.6  | 55.0   |



#30

Chloroform

Concen: 51.483 ug/l

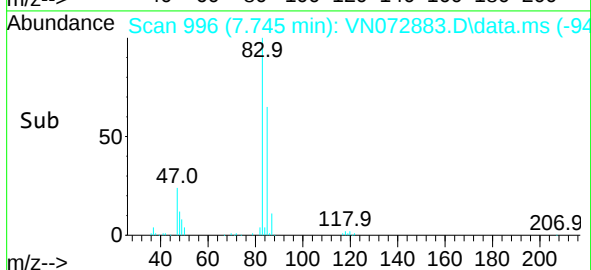
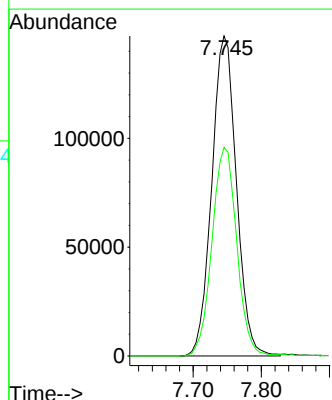
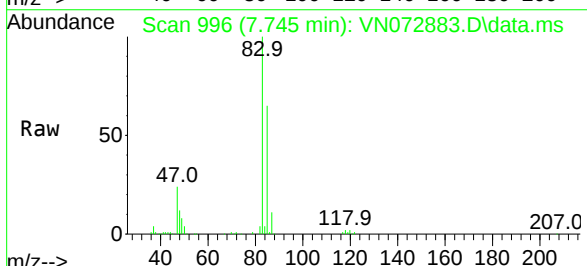
RT: 7.745 min Scan# 996

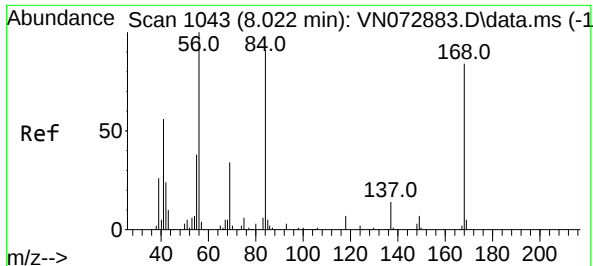
Delta R.T. 0.000 min

Lab File: VN072883.D

Acq: 16 Jun 2022 12:16

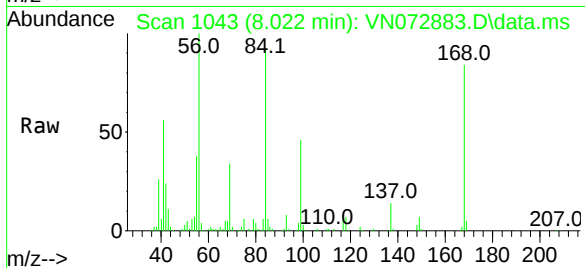
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 369527 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 65.2  | 51.8  | 77.8   |



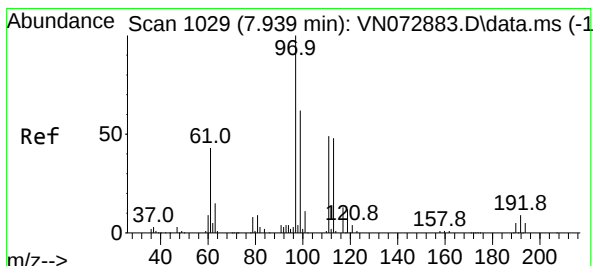
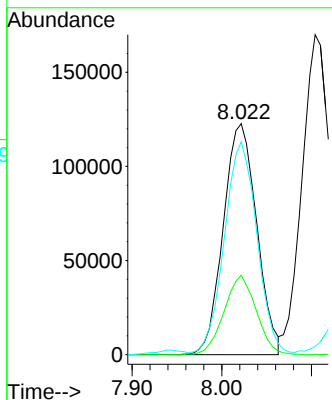
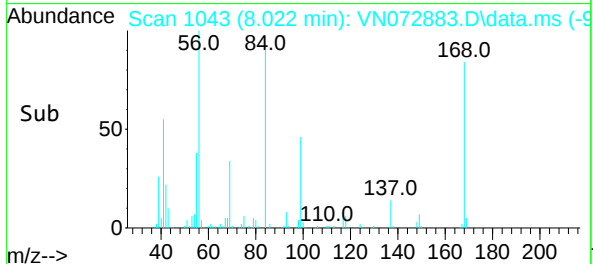


#31  
Cyclohexane  
Concen: 50.466 ug/l  
RT: 8.022 min Scan# 1043  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

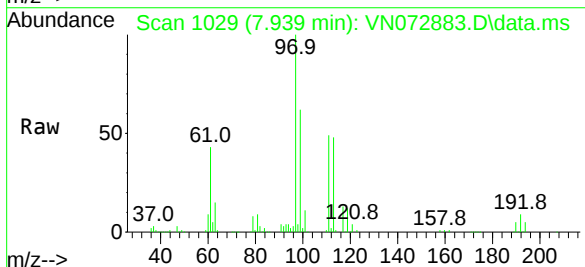
Instrument :  
MSVOA\_N  
ClientSampleId :



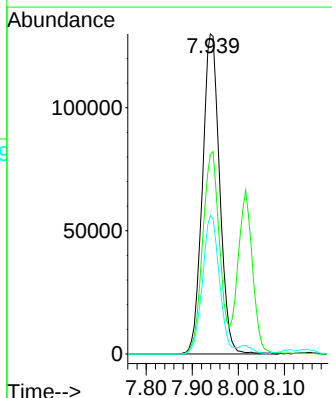
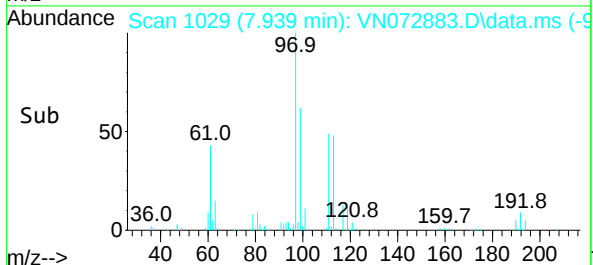
Tgt Ion: 56 Resp: 317770  
Ion Ratio Lower Upper  
56 100  
69 34.1 27.8 41.8  
84 90.7 76.9 115.3

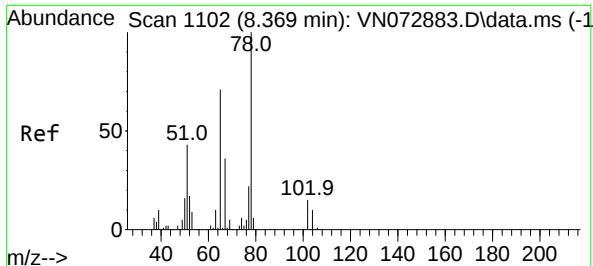


#32  
1,1,1-Trichloroethane  
Concen: 53.268 ug/l  
RT: 7.939 min Scan# 1029  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16



Tgt Ion: 97 Resp: 338569  
Ion Ratio Lower Upper  
97 100  
99 62.3 50.6 76.0  
61 42.8 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 53.599 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN072883.D

Acq: 16 Jun 2022 12:16

Instrument :

MSVOA\_N

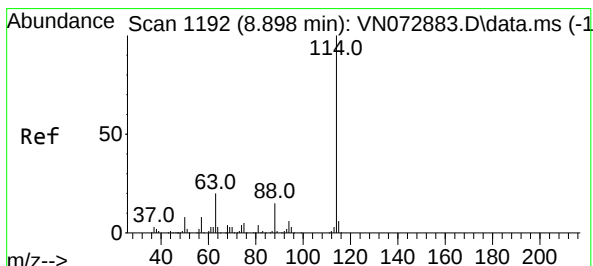
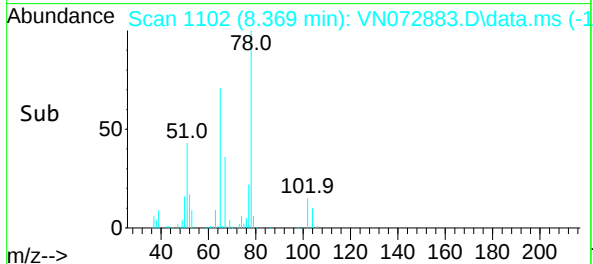
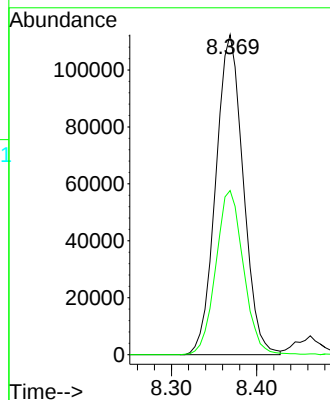
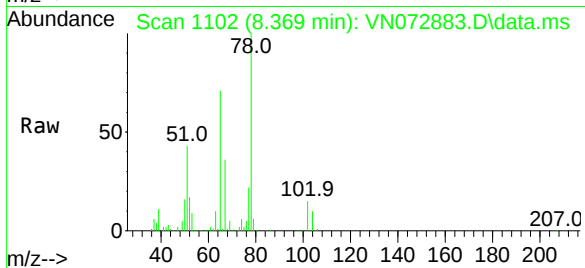
ClientSampleId :

Tgt Ion: 65 Resp: 251733

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN072883.D

Acq: 16 Jun 2022 12:16

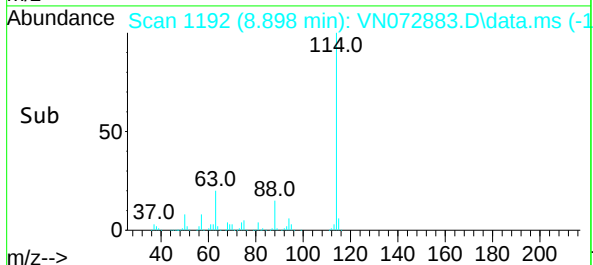
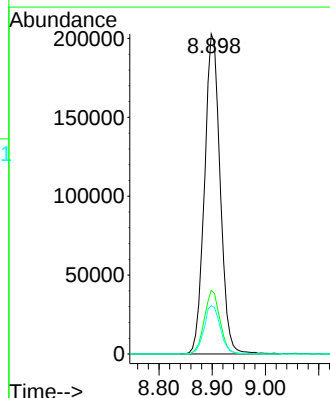
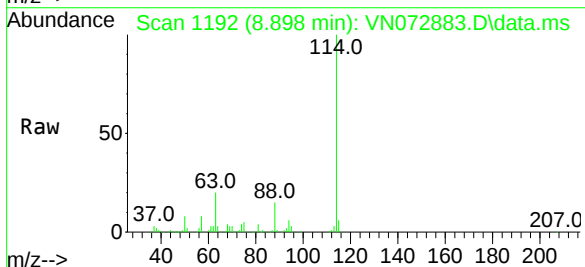
Tgt Ion: 114 Resp: 414303

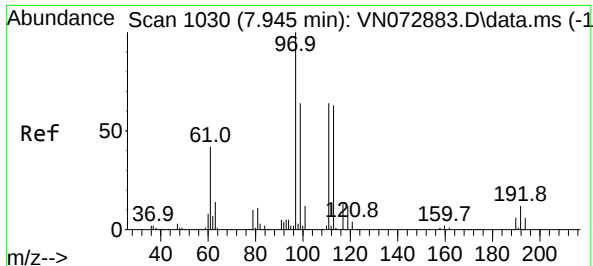
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

88 15.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.317 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VN072883.D

Acq: 16 Jun 2022 12:16

Instrument :

MSVOA\_N

ClientSampleId :

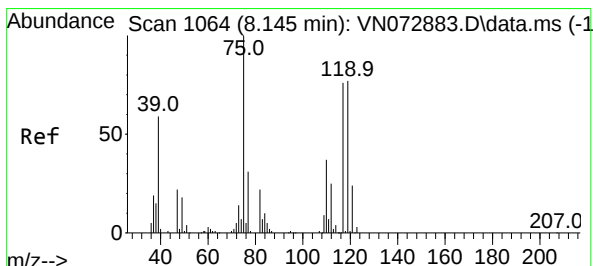
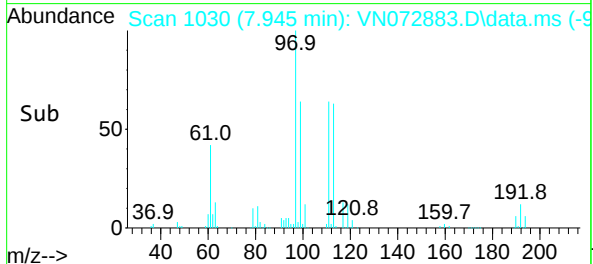
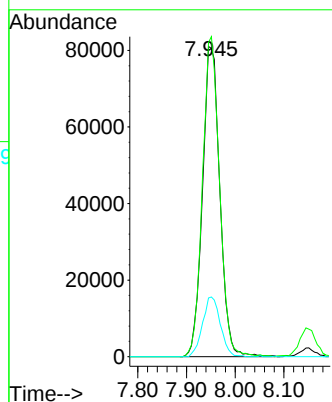
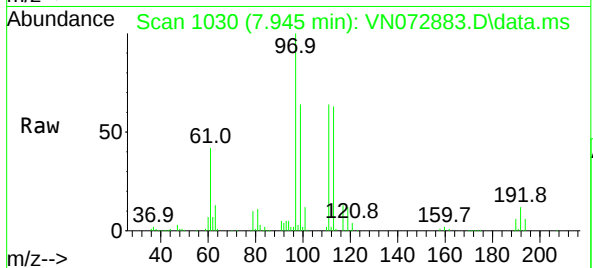
Tgt Ion:113 Resp: 200652

Ion Ratio Lower Upper

113 100

111 101.2 81.4 122.0

192 19.7 17.0 25.6



#36

1,1-Dichloropropene

Concen: 51.435 ug/l

RT: 8.145 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VN072883.D

Acq: 16 Jun 2022 12:16

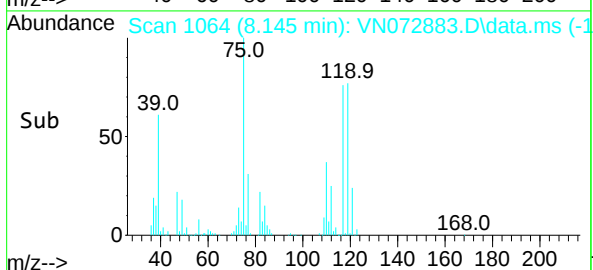
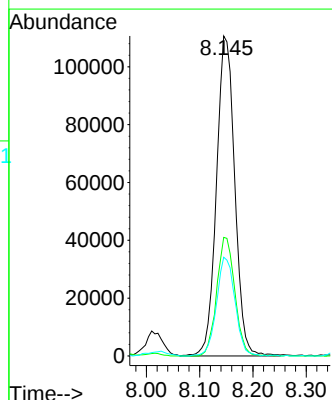
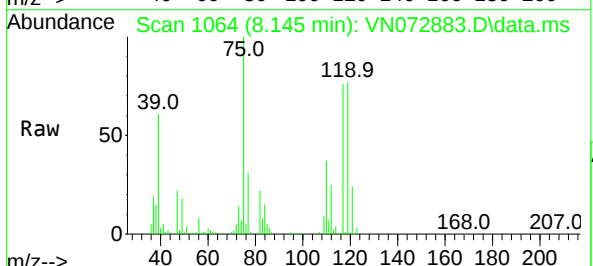
Tgt Ion: 75 Resp: 264358

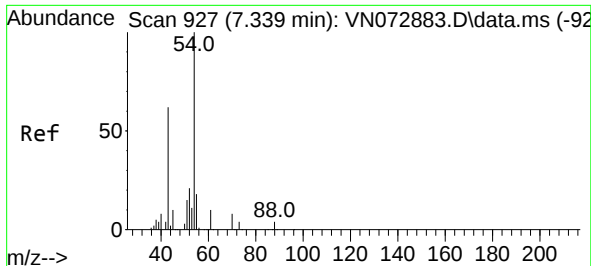
Ion Ratio Lower Upper

75 100

110 36.6 18.3 54.8

77 31.2 25.1 37.7

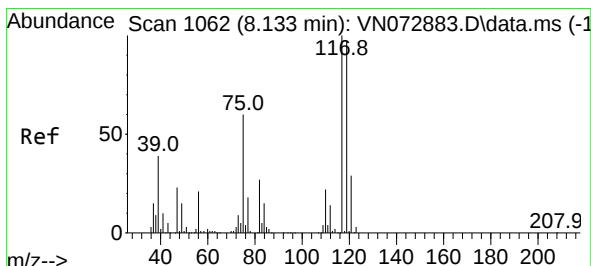
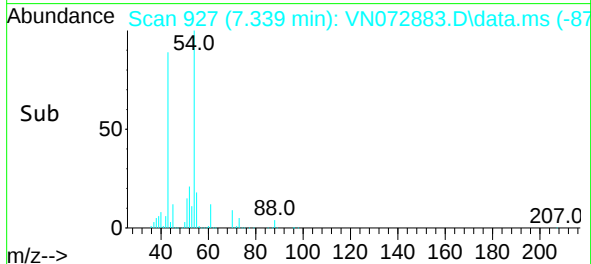
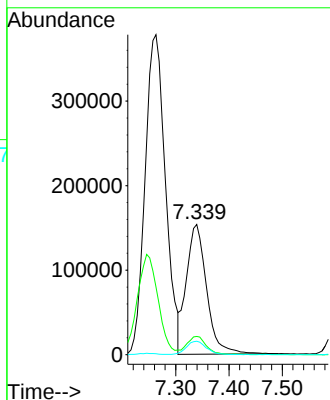
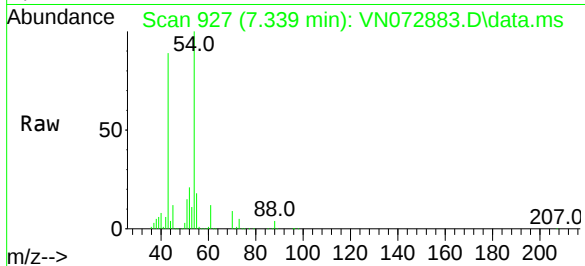




#37  
Ethyl Acetate  
Concen: 54.721 ug/l  
RT: 7.339 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

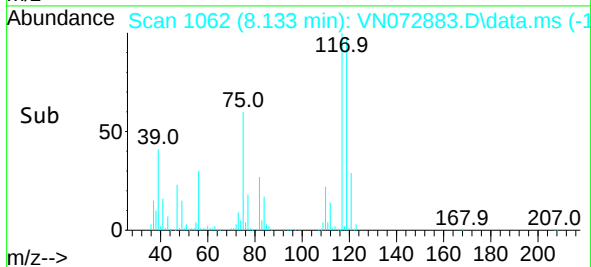
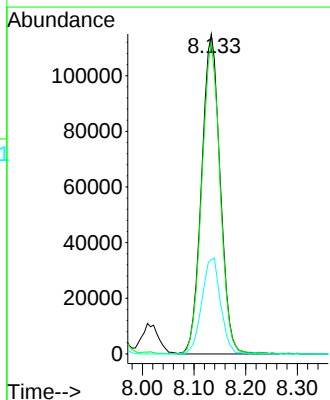
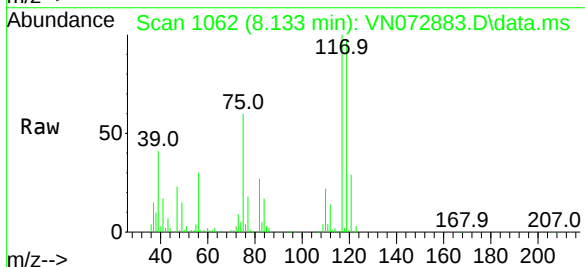
Instrument :  
MSVOA\_N  
ClientSampleId :

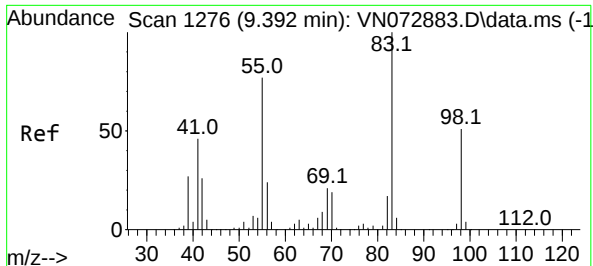
Tgt Ion: 43 Resp: 407026  
Ion Ratio Lower Upper  
43 100  
61 13.0 11.8 17.6  
70 10.3 9.3 13.9



#38  
Carbon Tetrachloride  
Concen: 51.961 ug/l  
RT: 8.133 min Scan# 1062  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

Tgt Ion: 117 Resp: 287534  
Ion Ratio Lower Upper  
117 100  
119 97.3 75.8 113.8  
121 29.4 24.6 37.0





#39

Methylcyclohexane

Concen: 51.372 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN072883.D

Acq: 16 Jun 2022 12:16

Instrument :

MSVOA\_N

ClientSampleId :

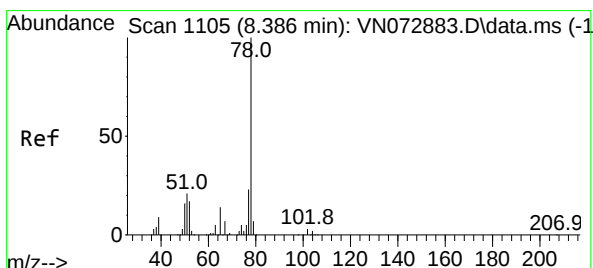
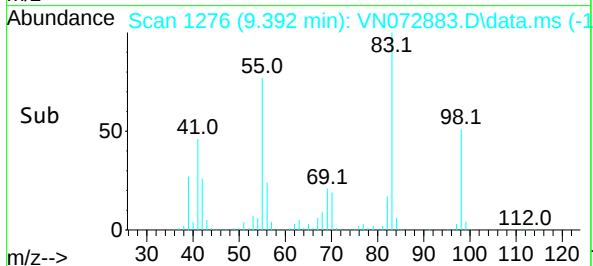
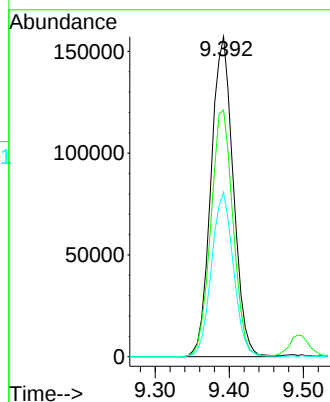
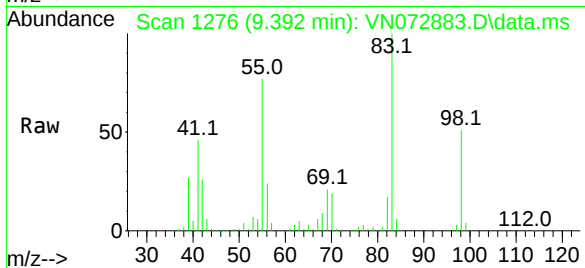
Tgt Ion: 83 Resp: 327710

Ion Ratio Lower Upper

83 100

55 77.1 57.8 86.8

98 51.4 39.4 59.2



#40

Benzene

Concen: 51.576 ug/l

RT: 8.386 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN072883.D

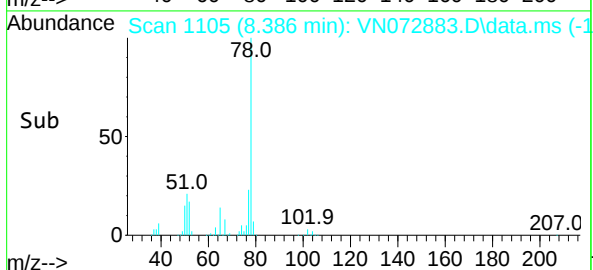
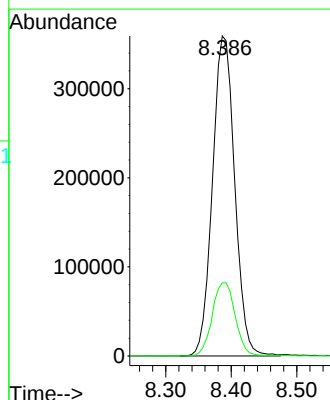
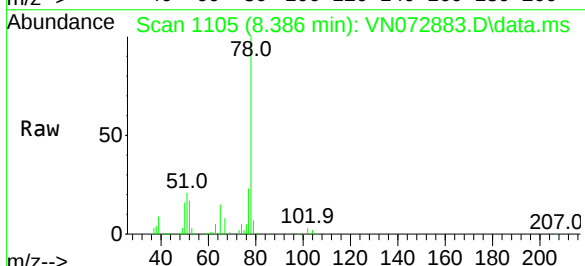
Acq: 16 Jun 2022 12:16

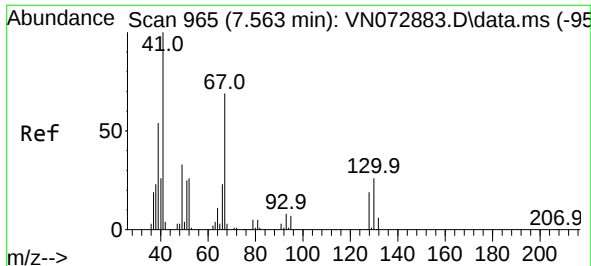
Tgt Ion: 78 Resp: 844606

Ion Ratio Lower Upper

78 100

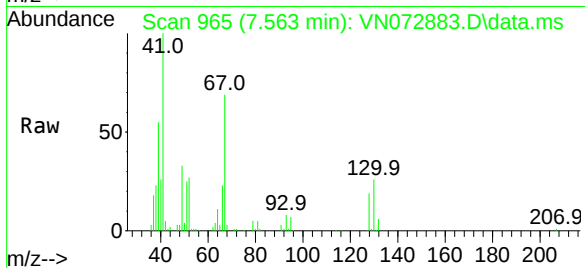
77 22.9 19.4 29.0



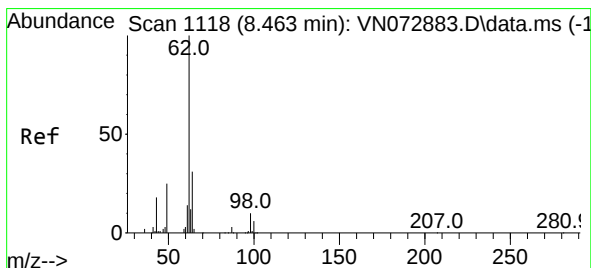
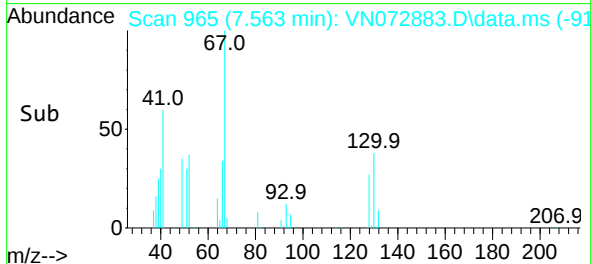
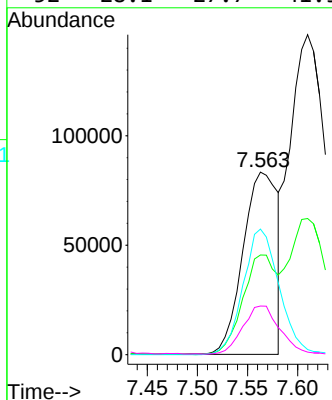


#41  
Methacrylonitrile  
Concen: 51.413 ug/l  
RT: 7.563 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

Instrument :  
MSVOA\_N  
ClientSampleId :

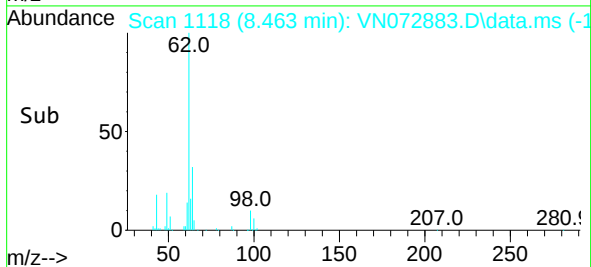
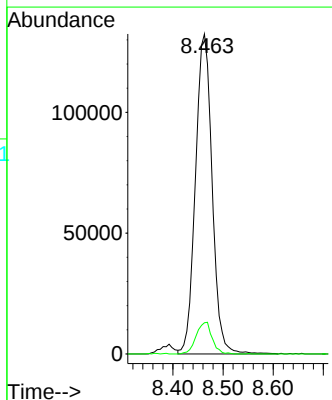
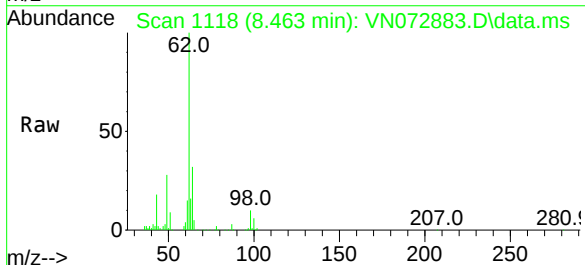


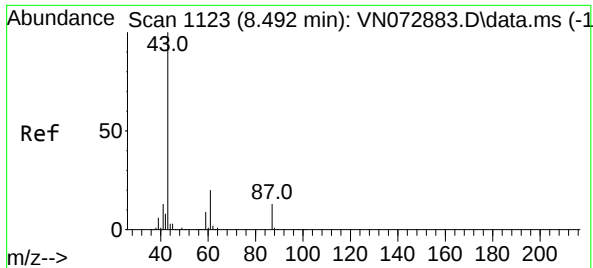
Tgt Ion: 41 Resp: 199090  
Ion Ratio Lower Upper  
41 100  
39 53.6 48.6 73.0  
67 73.2 73.4 110.2#  
52 28.1 27.7 41.5



#42  
1,2-Dichloroethane  
Concen: 51.852 ug/l  
RT: 8.463 min Scan# 1118  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

Tgt Ion: 62 Resp: 306174  
Ion Ratio Lower Upper  
62 100  
98 9.5 0.0 19.4

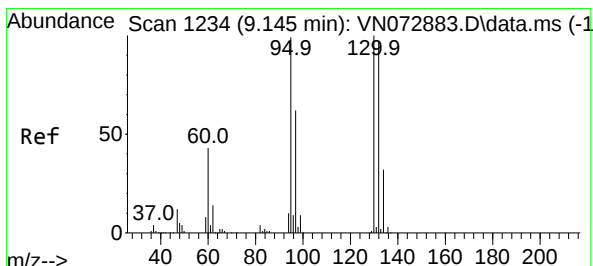
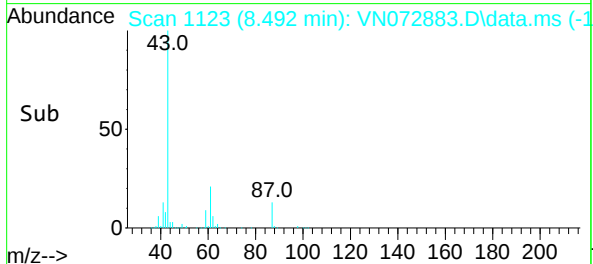
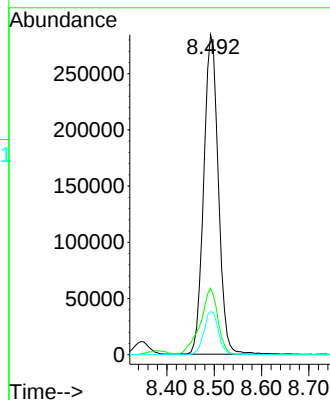
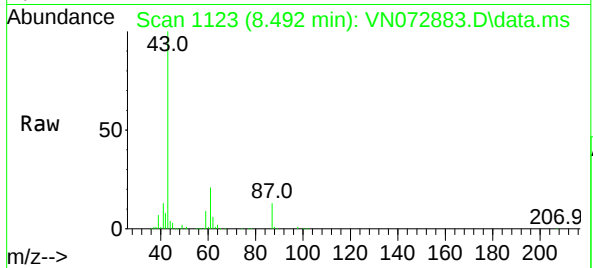




#43  
Isopropyl Acetate  
Concen: 52.588 ug/l  
RT: 8.492 min Scan# 1123  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

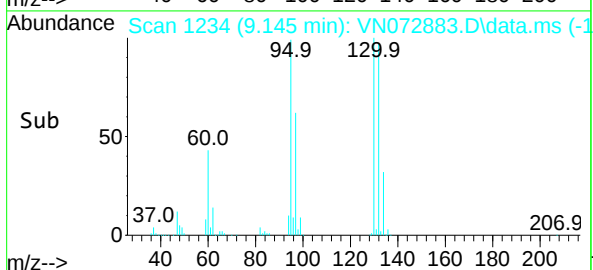
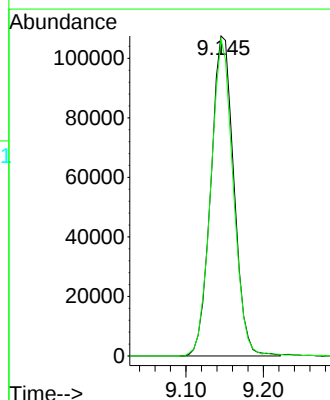
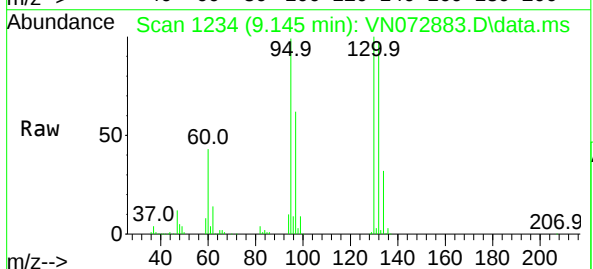
Instrument :  
MSVOA\_N  
ClientSampleId :

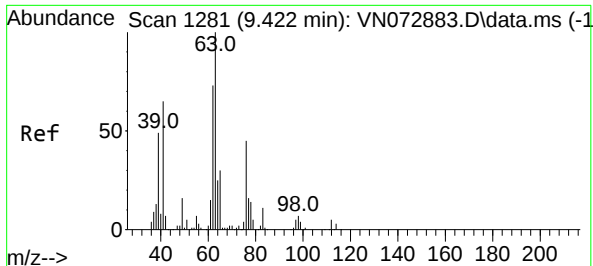
Tgt Ion: 43 Resp: 608808  
Ion Ratio Lower Upper  
43 100  
61 24.7 21.9 32.9  
87 13.5 12.0 18.0



#44  
Trichloroethene  
Concen: 50.583 ug/l  
RT: 9.145 min Scan# 1234  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

Tgt Ion:130 Resp: 221463  
Ion Ratio Lower Upper  
130 100  
95 98.8 0.0 186.8





#45

1,2-Dichloropropane

Concen: 51.468 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VN072883.D

Acq: 16 Jun 2022 12:16

Instrument :

MSVOA\_N

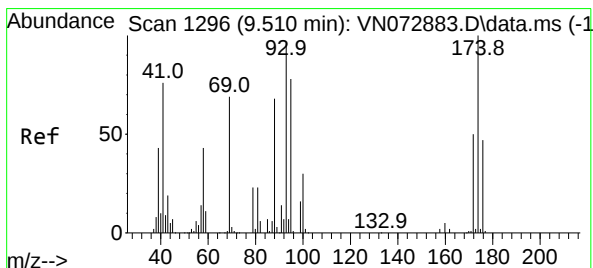
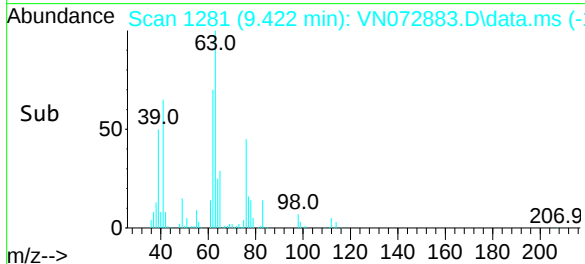
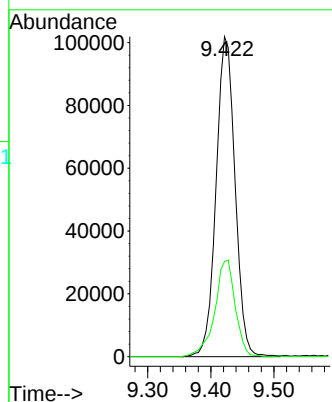
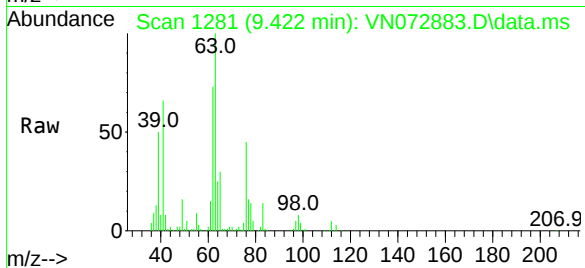
ClientSampleId :

Tgt Ion: 63 Resp: 212673

Ion Ratio Lower Upper

63 100

65 29.7 24.9 37.3



#46

Dibromomethane

Concen: 52.139 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VN072883.D

Acq: 16 Jun 2022 12:16

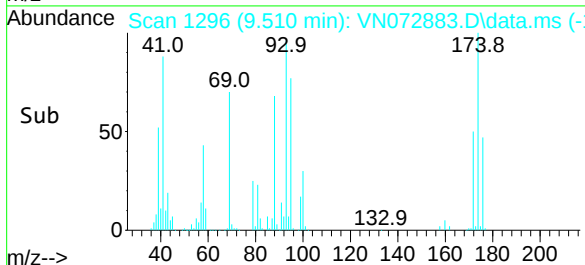
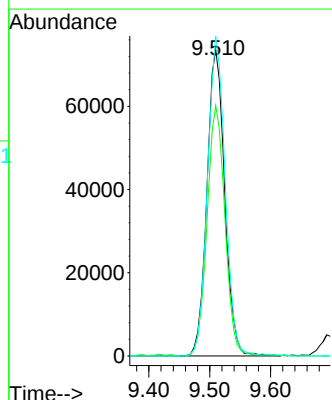
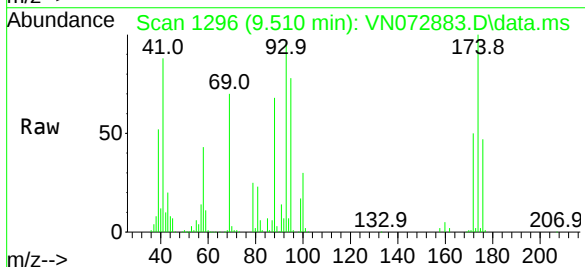
Tgt Ion: 93 Resp: 149508

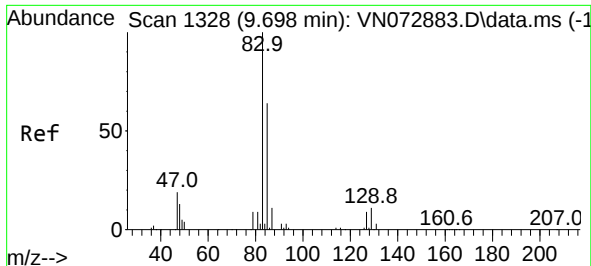
Ion Ratio Lower Upper

93 100

95 81.9 66.9 100.3

174 103.5 86.6 130.0

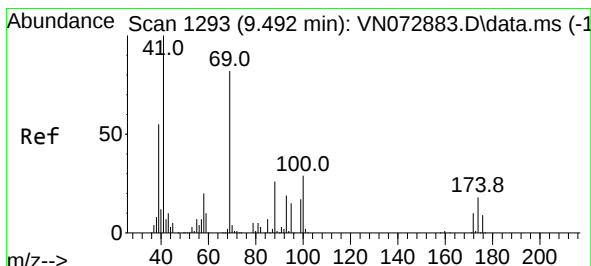
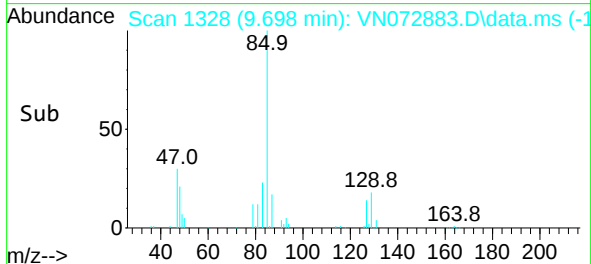
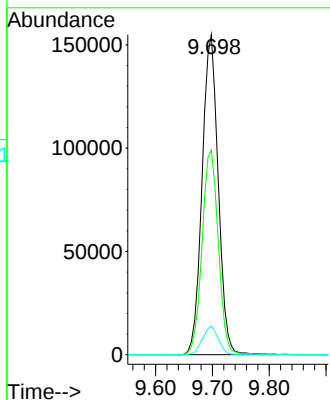
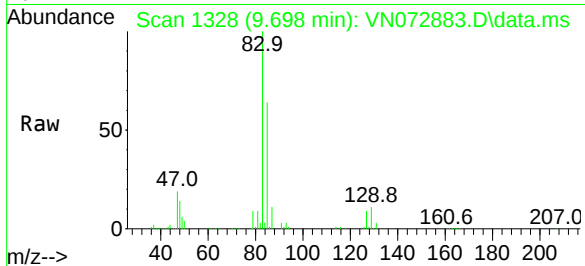




#47  
Bromodichloromethane  
Concen: 52.393 ug/l  
RT: 9.698 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

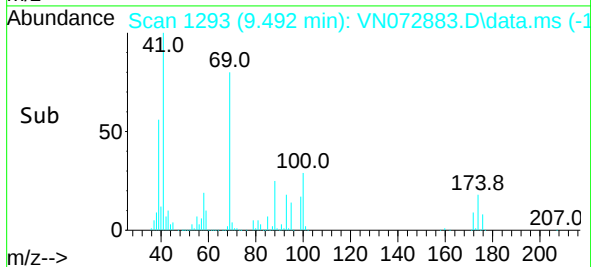
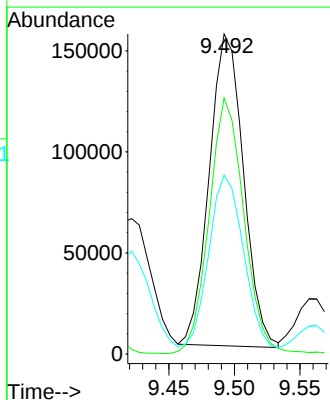
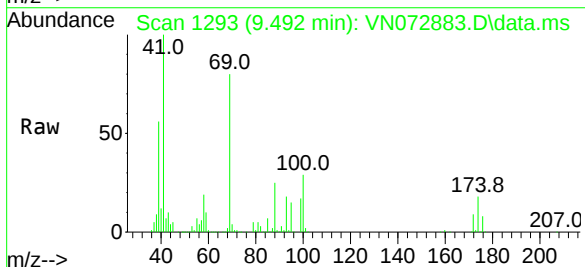
Instrument :  
MSVOA\_N  
ClientSampleId :

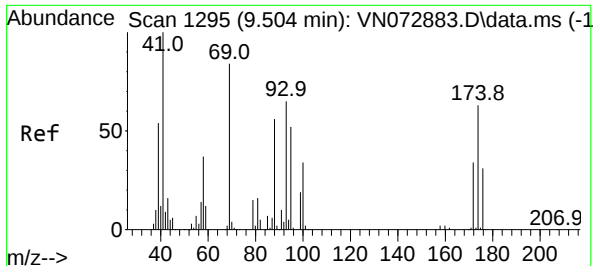
Tgt Ion: 83 Resp: 304322  
Ion Ratio Lower Upper  
83 100  
85 63.9 50.5 75.7  
127 9.0 6.8 10.2



#48  
Methyl methacrylate  
Concen: 52.905 ug/l  
RT: 9.492 min Scan# 1293  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

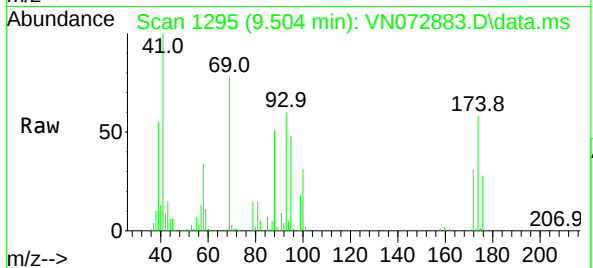
Tgt Ion: 41 Resp: 279755  
Ion Ratio Lower Upper  
41 100  
69 83.8 74.7 112.1  
39 56.2 45.6 68.4



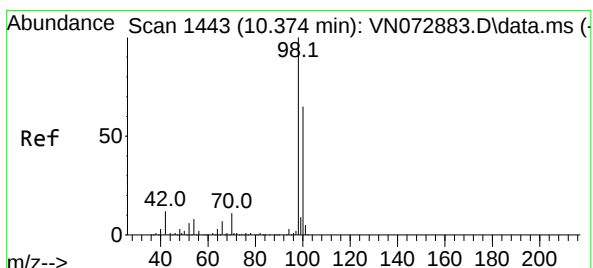
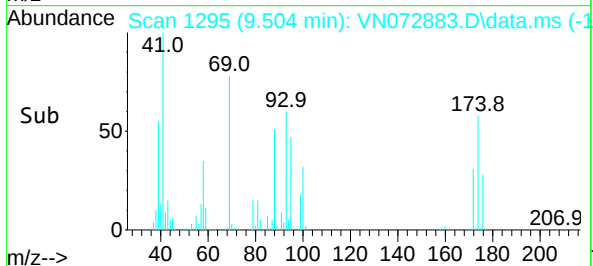
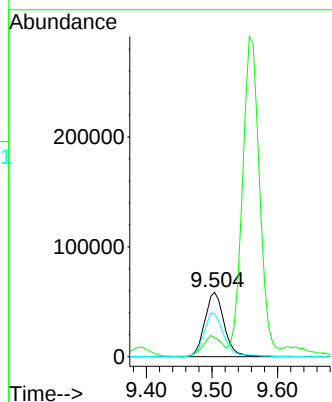


#49  
1,4-Dioxane  
Concen: 1074.966 ug/l  
RT: 9.504 min Scan# 1295  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

Instrument :  
MSVOA\_N  
ClientSampleId :

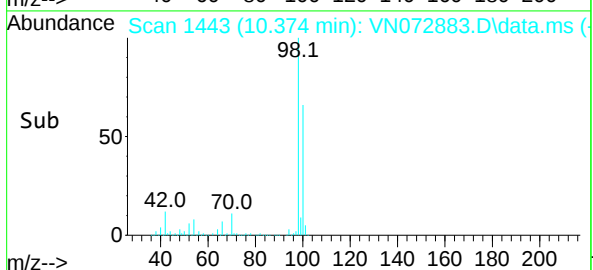
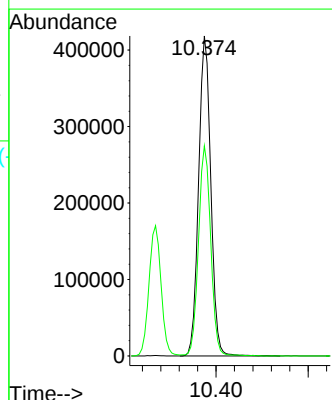
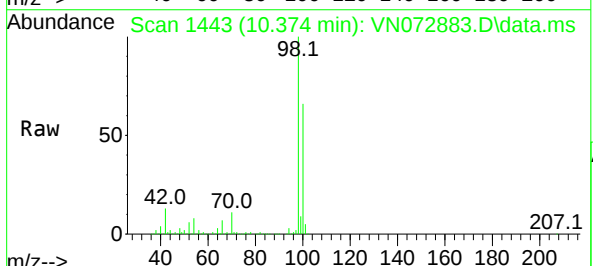


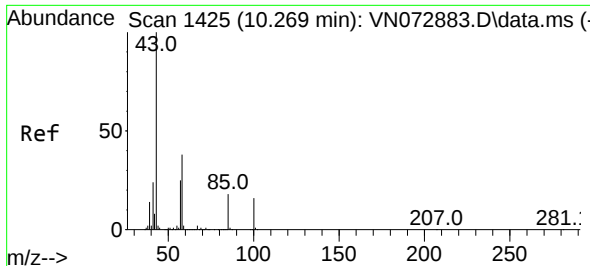
Tgt Ion: 88 Resp: 120406  
Ion Ratio Lower Upper  
88 100  
43 30.5 20.2 30.4#  
58 69.7 54.2 81.4



#50  
Toluene-d8  
Concen: 52.154 ug/l  
RT: 10.374 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

Tgt Ion: 98 Resp: 768267  
Ion Ratio Lower Upper  
98 100  
100 65.6 52.6 78.8

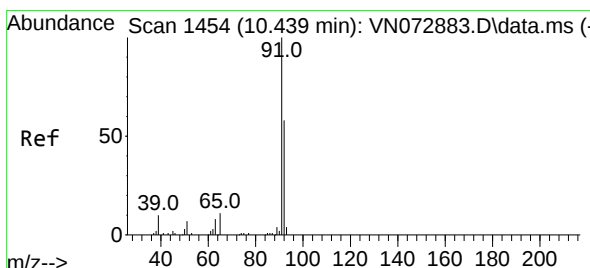
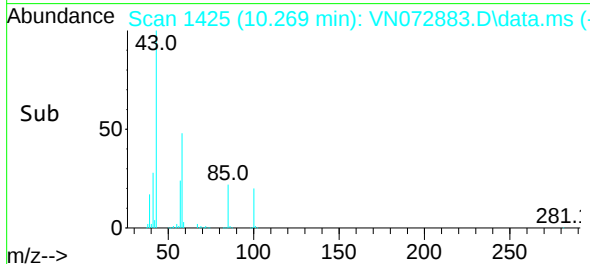
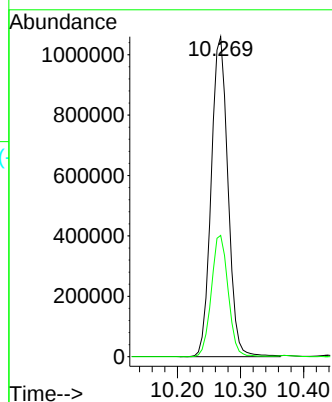
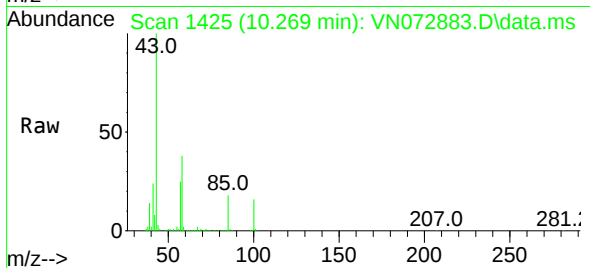




#51  
4-Methyl-2-Pentanone  
Concen: 260.845 ug/l  
RT: 10.269 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

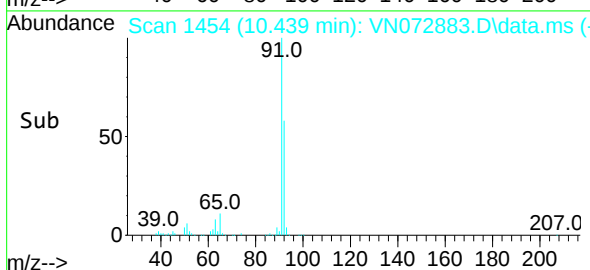
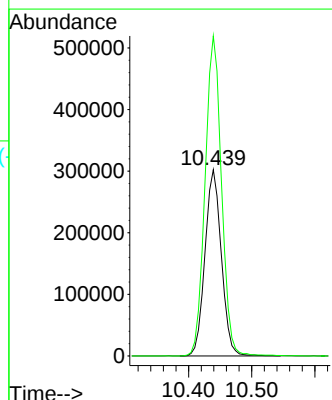
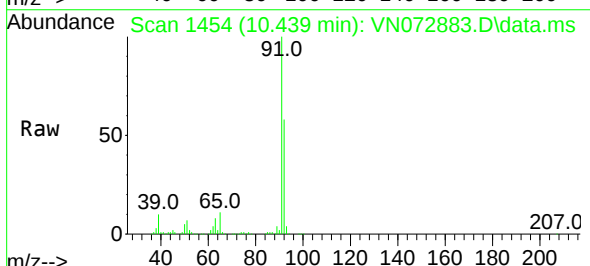
Instrument :  
MSVOA\_N  
ClientSampleId :

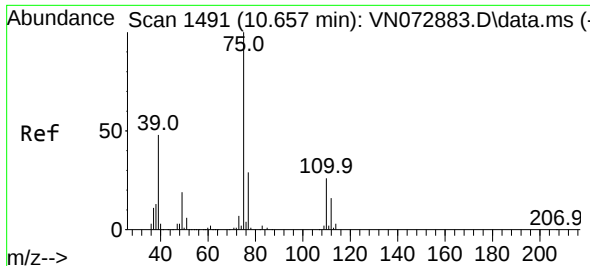
Tgt Ion: 43 Resp: 1953464  
Ion Ratio Lower Upper  
43 100  
58 38.1 34.1 51.1



#52  
Toluene  
Concen: 51.451 ug/l  
RT: 10.439 min Scan# 1454  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

Tgt Ion: 92 Resp: 545257  
Ion Ratio Lower Upper  
92 100  
91 172.5 138.6 207.8

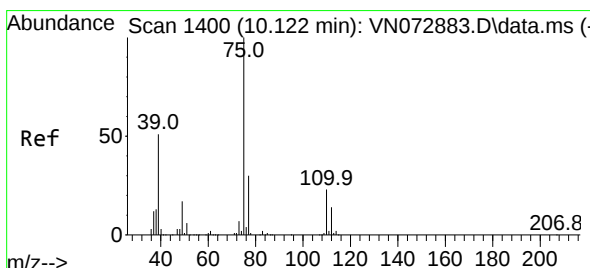
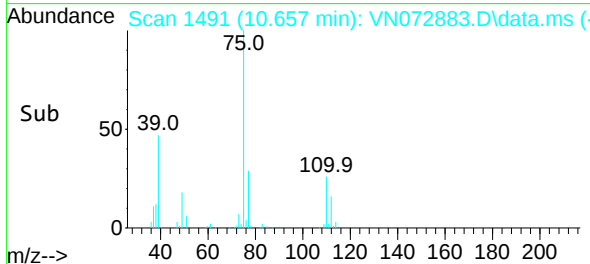
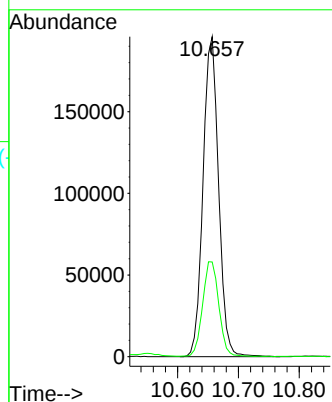
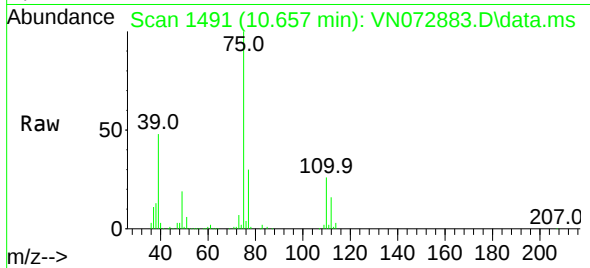




#53  
t-1,3-Dichloropropene  
Concen: 52.493 ug/l  
RT: 10.657 min Scan# 1491  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

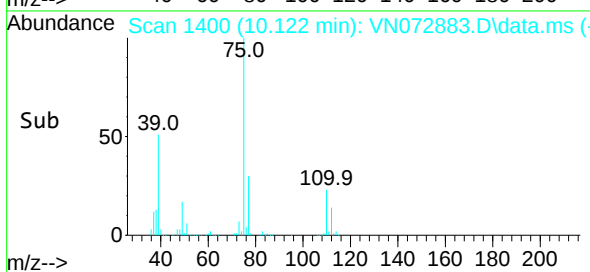
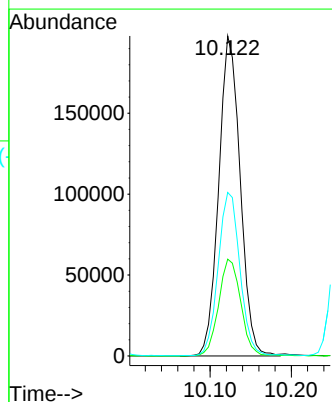
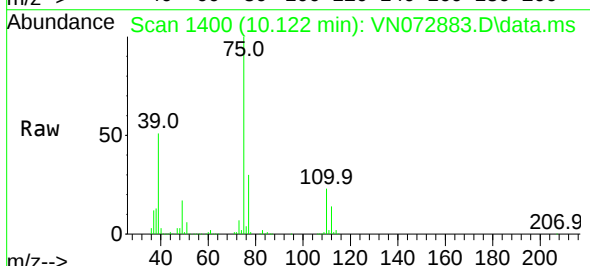
Instrument :  
MSVOA\_N  
ClientSampleId :

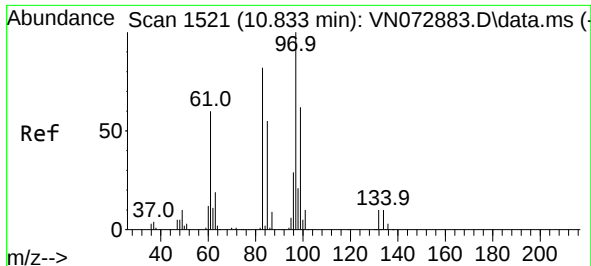
Tgt Ion: 75 Resp: 347399  
Ion Ratio Lower Upper  
75 100  
77 29.5 25.6 38.4



#54  
cis-1,3-Dichloropropene  
Concen: 52.969 ug/l  
RT: 10.122 min Scan# 1400  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

Tgt Ion: 75 Resp: 363945  
Ion Ratio Lower Upper  
75 100  
77 30.3 25.2 37.8  
39 50.8 35.7 53.5



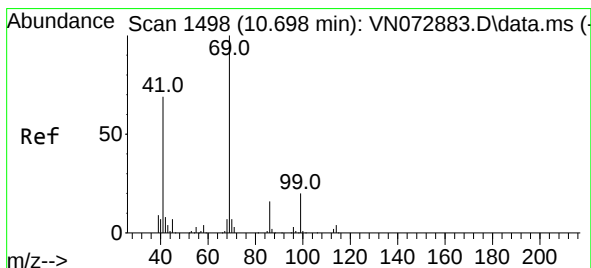
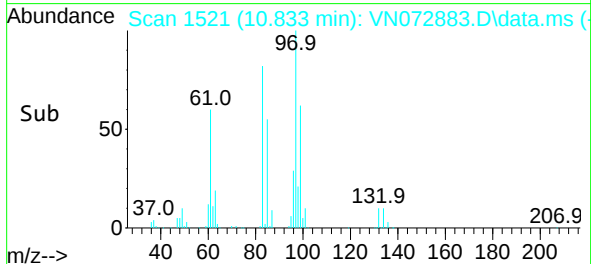
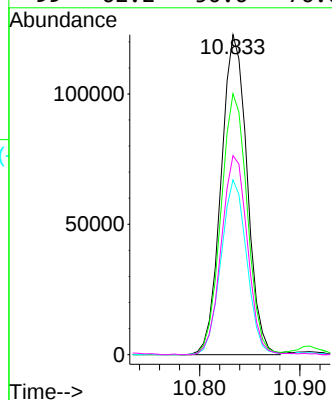
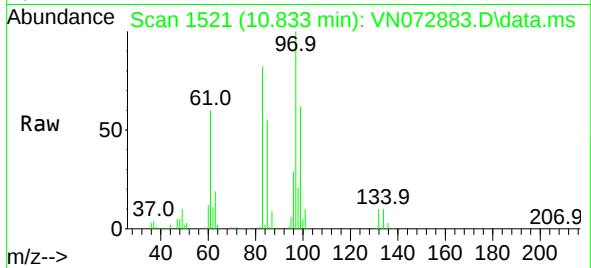


#55  
1,1,2-Trichloroethane  
Concen: 51.598 ug/l  
RT: 10.833 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 97 Resp: 220758

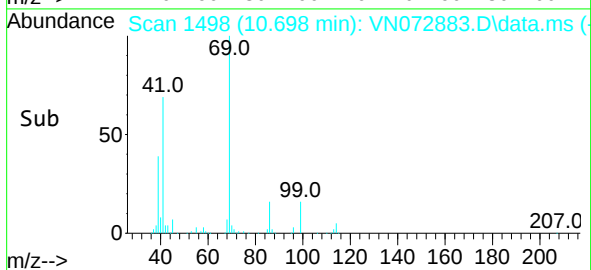
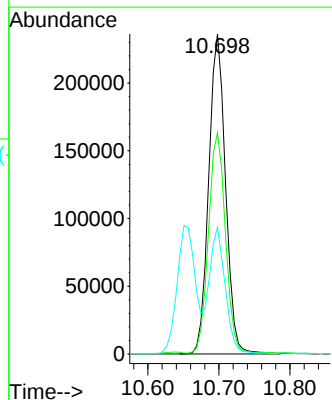
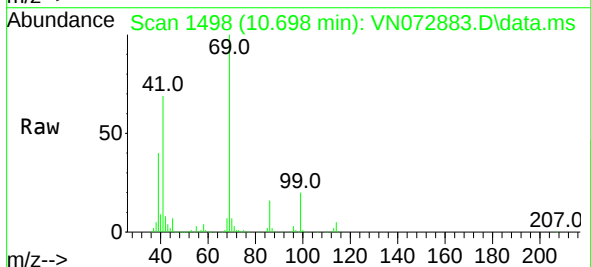
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 81.5  | 66.2  | 99.4  |
| 85  | 54.6  | 43.9  | 65.9  |
| 99  | 62.2  | 50.6  | 76.0  |

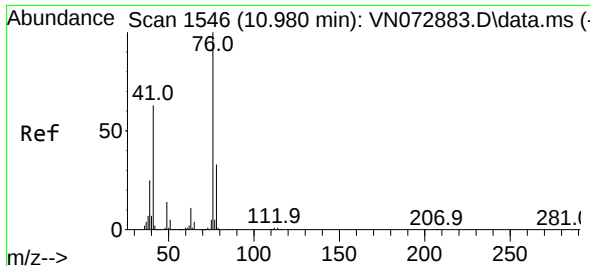


#56  
Ethyl methacrylate  
Concen: 53.434 ug/l  
RT: 10.698 min Scan# 1498  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

Tgt Ion: 69 Resp: 388233

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 69.4  | 47.8  | 71.6  |
| 39  | 38.3  | 27.3  | 40.9  |





#57

1,3-Dichloropropane

Concen: 52.101 ug/l

RT: 10.980 min Scan# 1546

Delta R.T. 0.000 min

Lab File: VN072883.D

Acq: 16 Jun 2022 12:16

Instrument :

MSVOA\_N

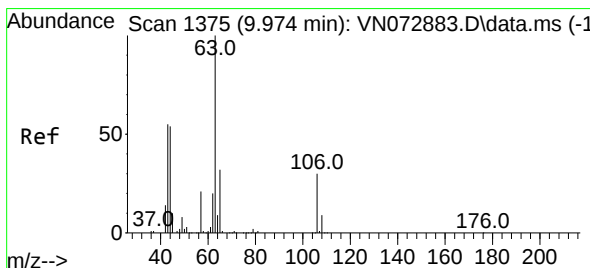
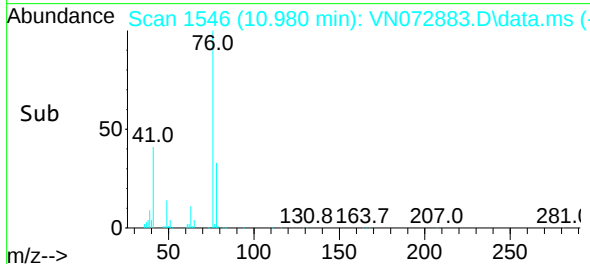
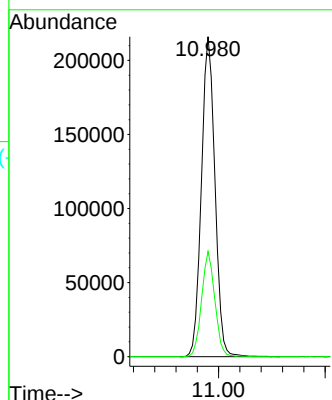
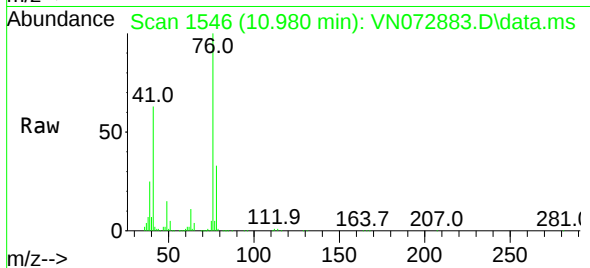
ClientSampleId :

Tgt Ion: 76 Resp: 380396

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 279.710 ug/l

RT: 9.974 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VN072883.D

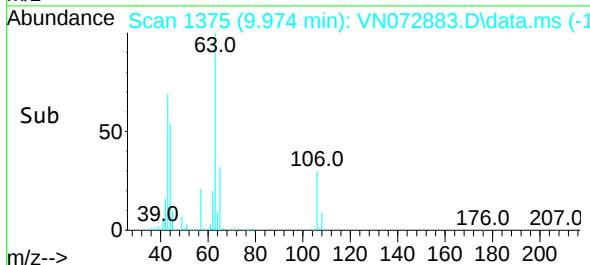
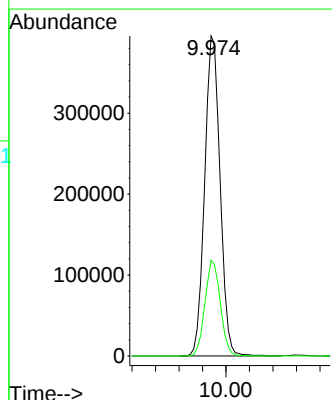
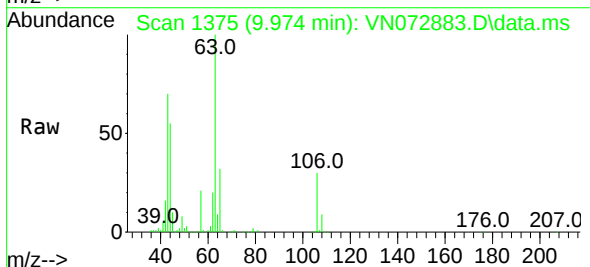
Acq: 16 Jun 2022 12:16

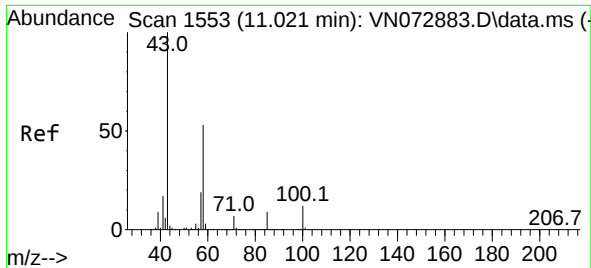
Tgt Ion: 63 Resp: 718379

Ion Ratio Lower Upper

63 100

106 29.8 24.6 36.8

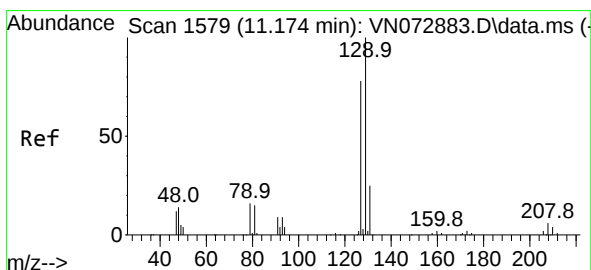
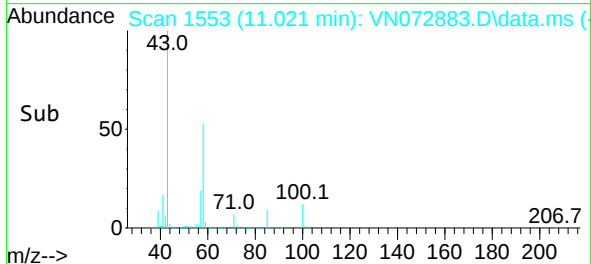
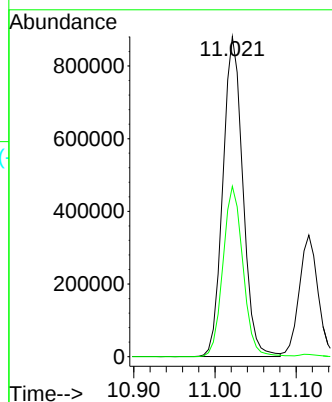
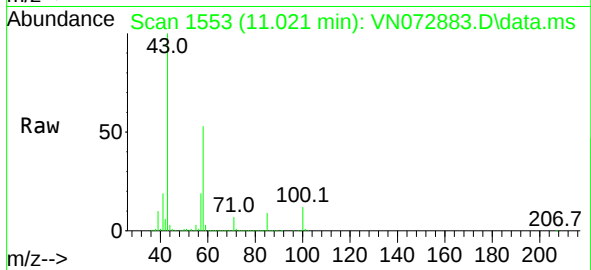




#59  
2-Hexanone  
Concen: 271.035 ug/l  
RT: 11.021 min Scan# 1553  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

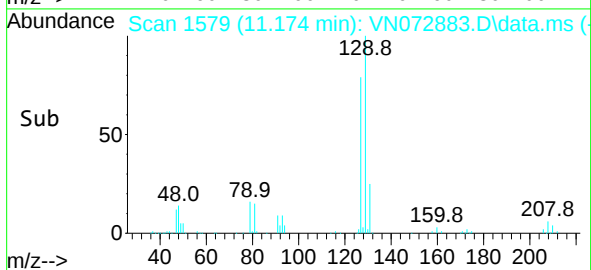
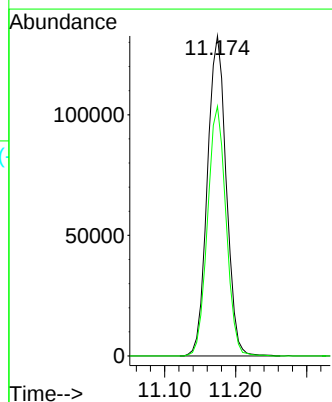
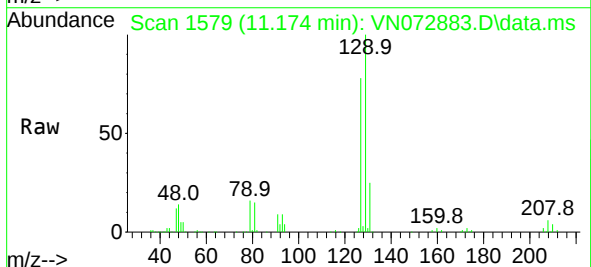
Instrument :  
MSVOA\_N  
ClientSampleId :

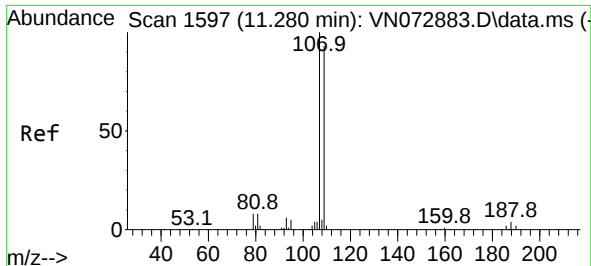
Tgt Ion: 43 Resp: 1507215  
Ion Ratio Lower Upper  
43 100  
58 53.3 29.7 89.1



#60  
Dibromochloromethane  
Concen: 53.307 ug/l  
RT: 11.174 min Scan# 1579  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

Tgt Ion:129 Resp: 244699  
Ion Ratio Lower Upper  
129 100  
127 76.5 38.8 116.4

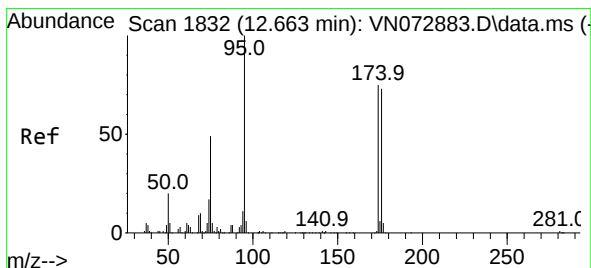
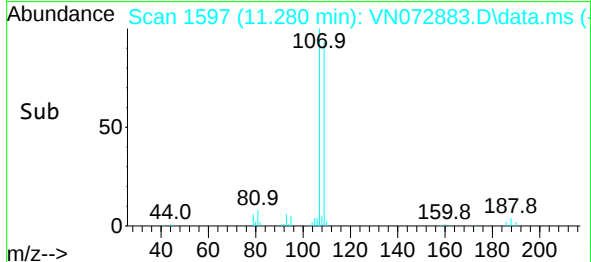
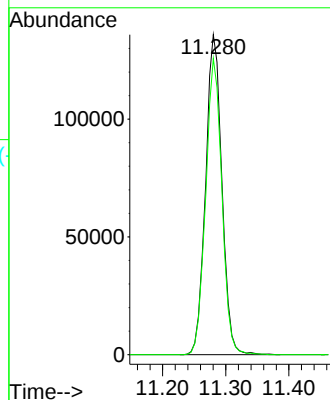
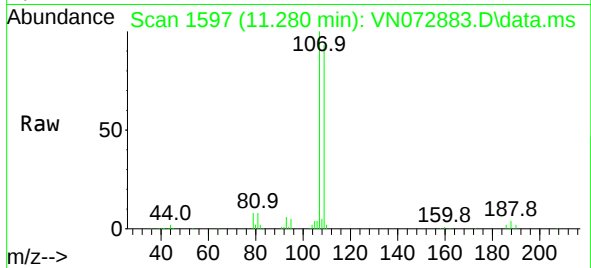




#61  
1,2-Dibromoethane  
Concen: 52.201 ug/l  
RT: 11.280 min Scan# 1597  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

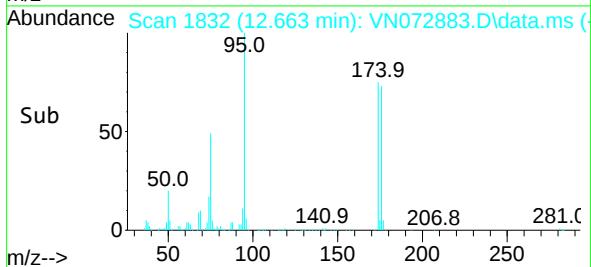
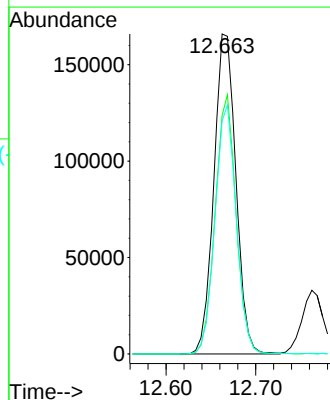
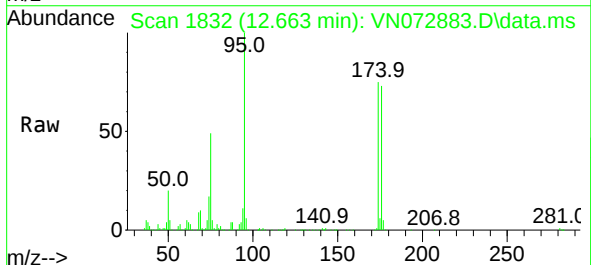
Instrument :  
MSVOA\_N  
ClientSampleId :

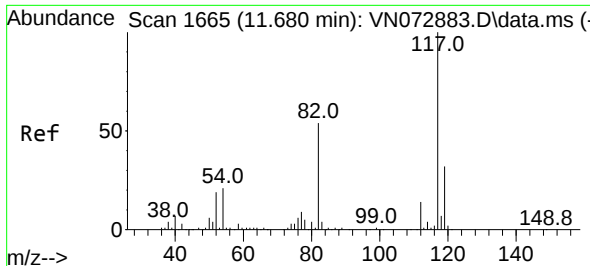
Tgt Ion:107 Resp: 243067  
Ion Ratio Lower Upper  
107 100  
109 92.2 75.0 112.6



#62  
4-Bromofluorobenzene  
Concen: 55.337 ug/l  
RT: 12.663 min Scan# 1832  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

Tgt Ion: 95 Resp: 282777  
Ion Ratio Lower Upper  
95 100  
174 76.9 0.0 167.6  
176 74.9 0.0 163.4

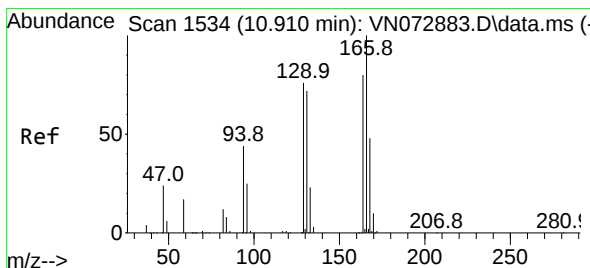
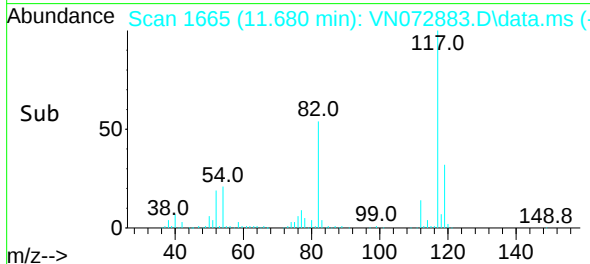
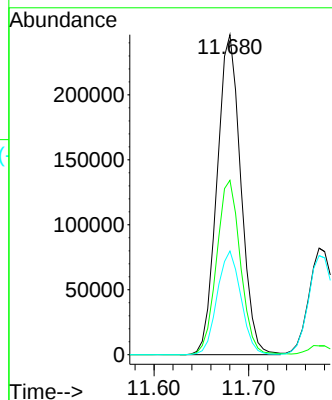
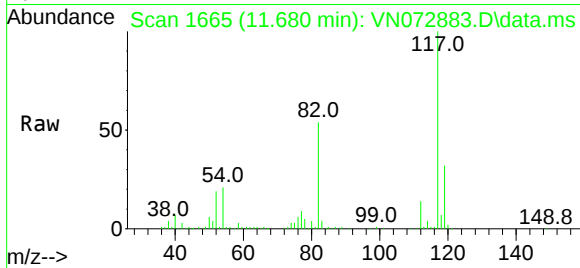




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.680 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

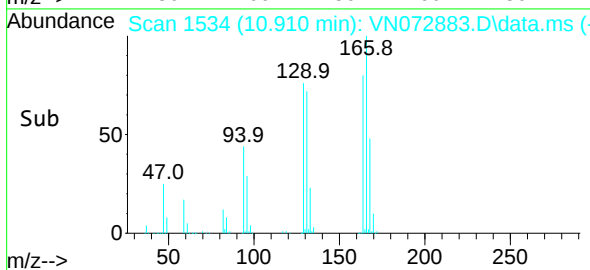
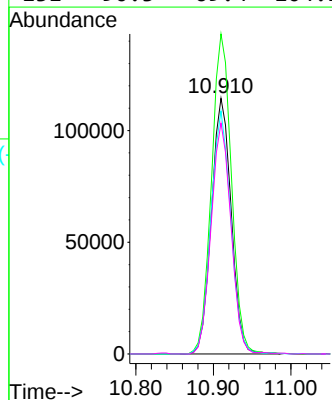
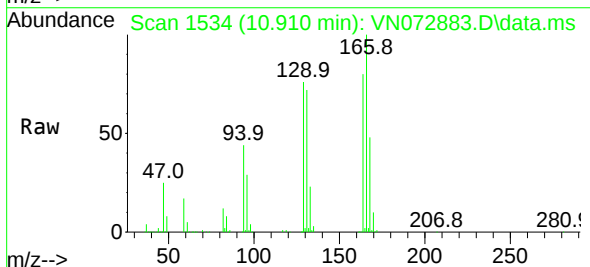
Instrument :  
MSVOA\_N  
ClientSampleId :

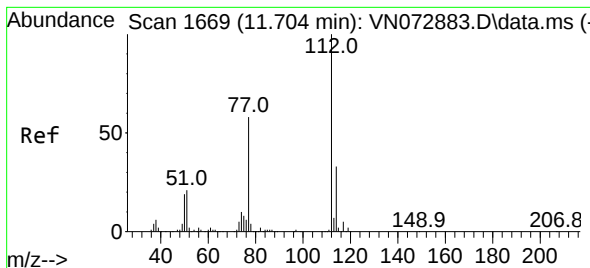
Tgt Ion:117 Resp: 430680  
Ion Ratio Lower Upper  
117 100  
82 54.5 44.2 66.2  
119 32.4 25.4 38.0



#64  
Tetrachloroethene  
Concen: 49.039 ug/l  
RT: 10.910 min Scan# 1534  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

Tgt Ion:164 Resp: 202778  
Ion Ratio Lower Upper  
164 100  
166 125.1 104.2 156.2  
129 95.0 73.9 110.9  
131 90.3 69.4 104.2





#65

Chlorobenzene

Concen: 51.538 ug/l

RT: 11.704 min Scan# 1669

Delta R.T. 0.000 min

Lab File: VN072883.D

Acq: 16 Jun 2022 12:16

Instrument :

MSVOA\_N

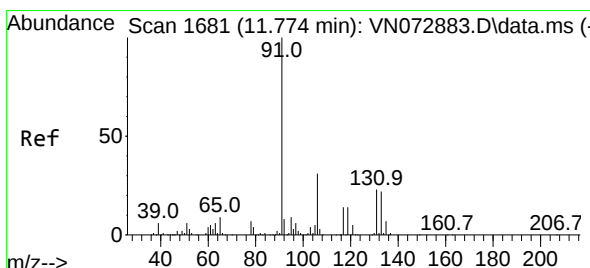
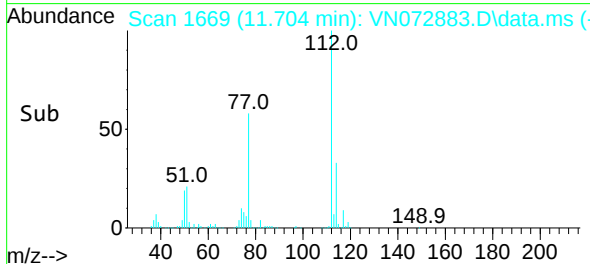
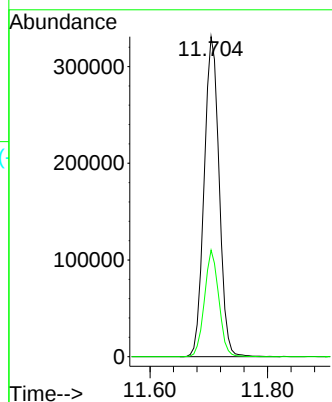
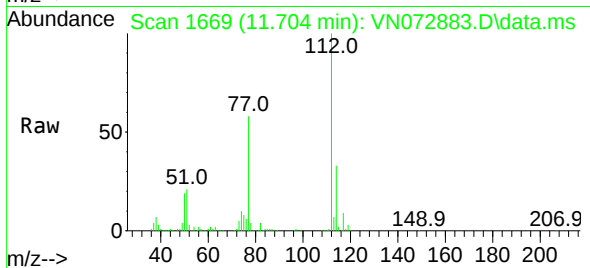
ClientSampleId :

Tgt Ion:112 Resp: 584854

Ion Ratio Lower Upper

112 100

114 33.3 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 51.359 ug/l

RT: 11.774 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VN072883.D

Acq: 16 Jun 2022 12:16

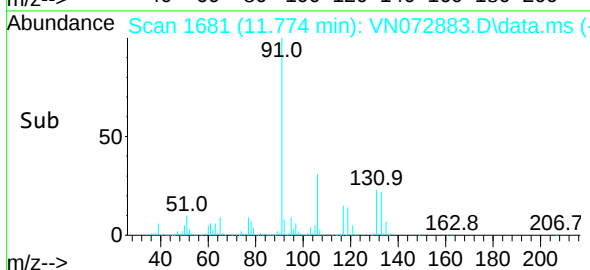
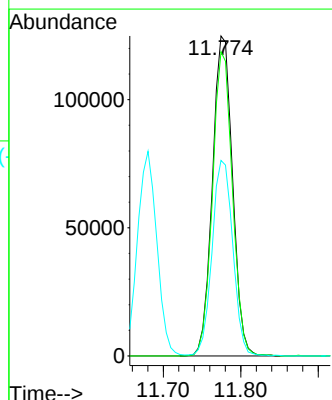
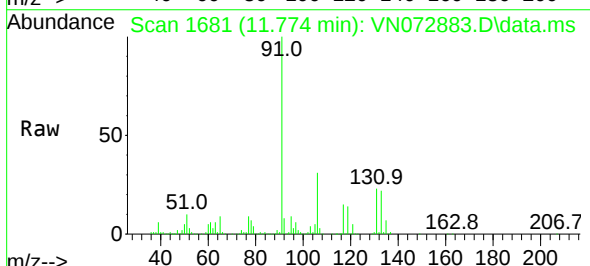
Tgt Ion:131 Resp: 225327

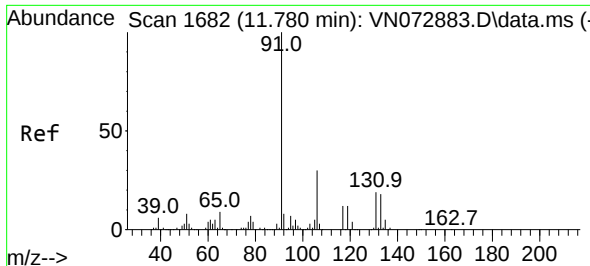
Ion Ratio Lower Upper

131 100

133 94.1 47.8 143.4

119 62.9 33.4 100.2

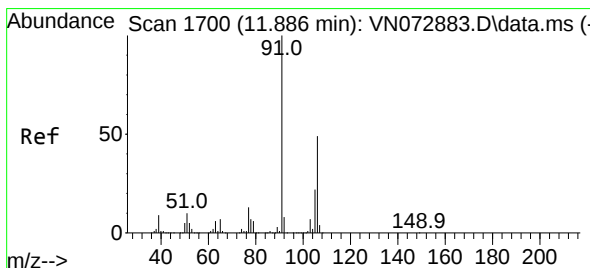
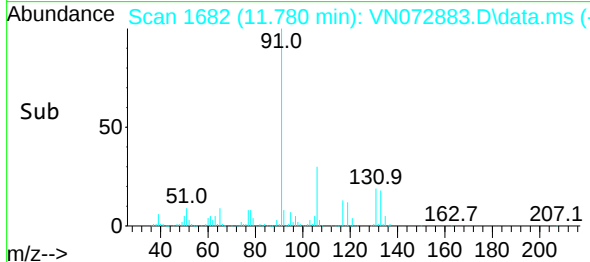
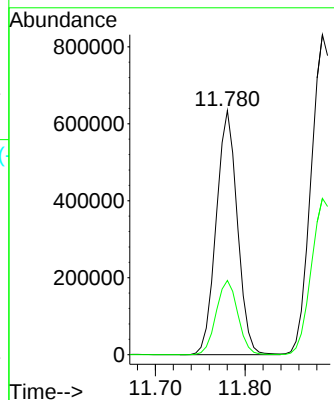
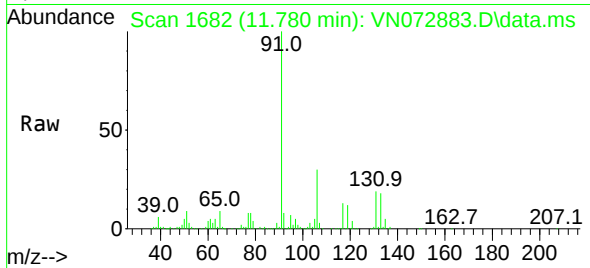




#67  
Ethyl Benzene  
Concen: 51.752 ug/l  
RT: 11.780 min Scan# 1100  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

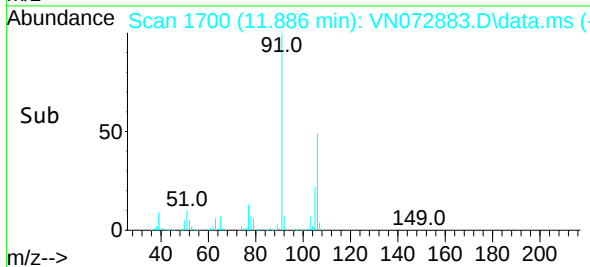
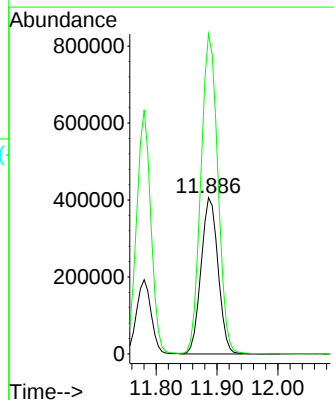
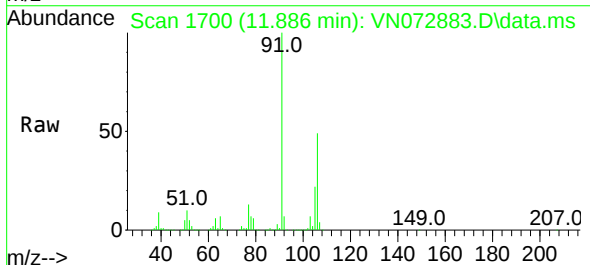
Instrument :  
MSVOA\_N  
ClientSampleId :

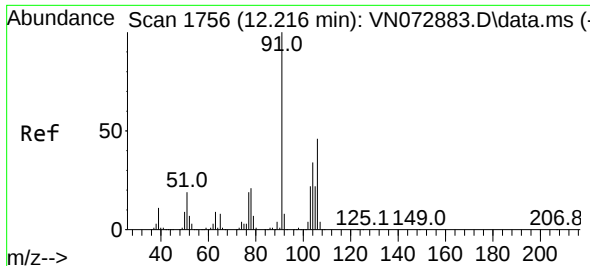
Tgt Ion: 91 Resp: 1037374  
Ion Ratio Lower Upper  
91 100  
106 30.4 24.9 37.3



#68  
m/p-Xylenes  
Concen: 102.742 ug/l  
RT: 11.886 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

Tgt Ion:106 Resp: 791162  
Ion Ratio Lower Upper  
106 100  
91 203.7 158.9 238.3

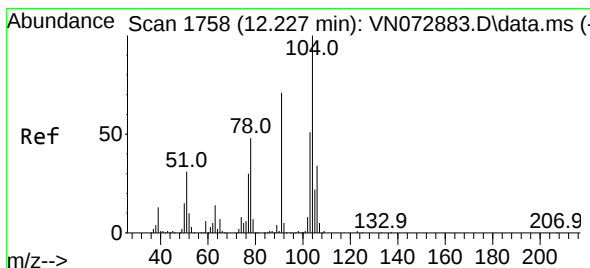
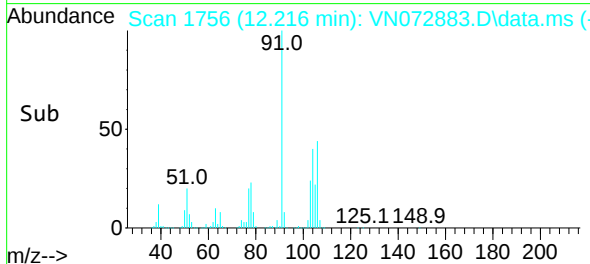
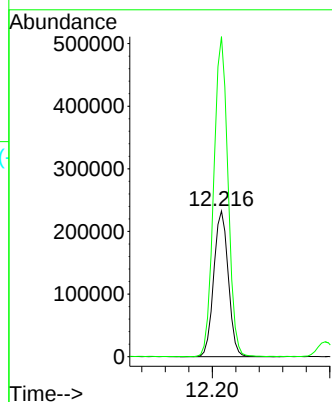
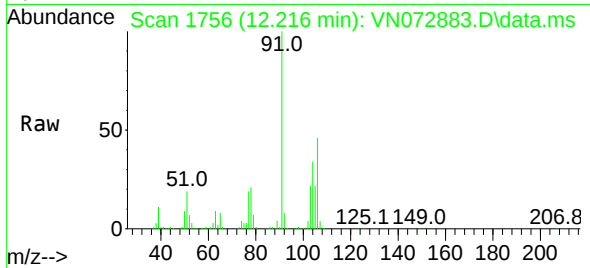




#69  
o-Xylene  
Concen: 50.386 ug/l  
RT: 12.216 min Scan# 1756  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

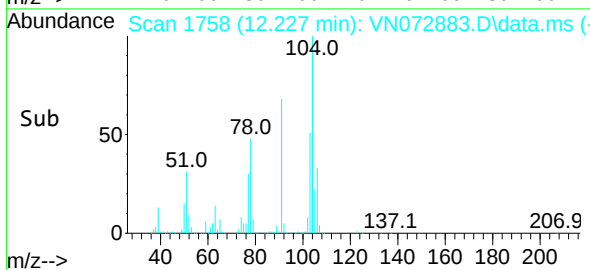
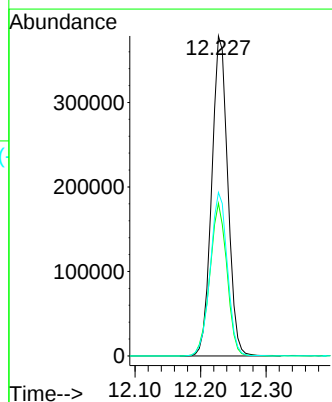
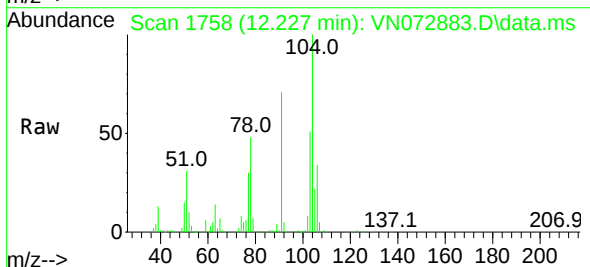
Instrument :  
MSVOA\_N  
ClientSampleId :

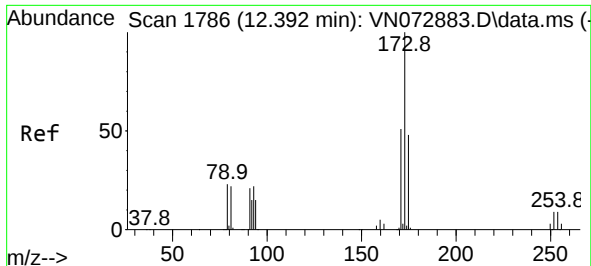
Tgt Ion:106 Resp: 398080  
Ion Ratio Lower Upper  
106 100  
91 215.8 106.0 318.0



#70  
Styrene  
Concen: 52.721 ug/l  
RT: 12.227 min Scan# 1758  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

Tgt Ion:104 Resp: 644734  
Ion Ratio Lower Upper  
104 100  
78 50.7 39.5 59.3  
103 54.6 44.0 66.0

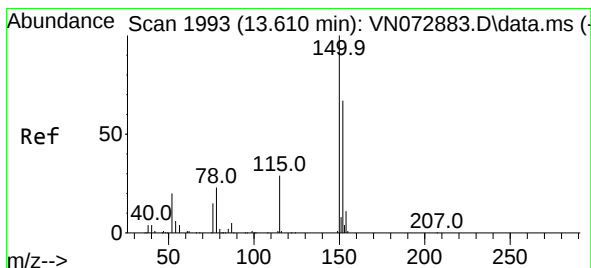
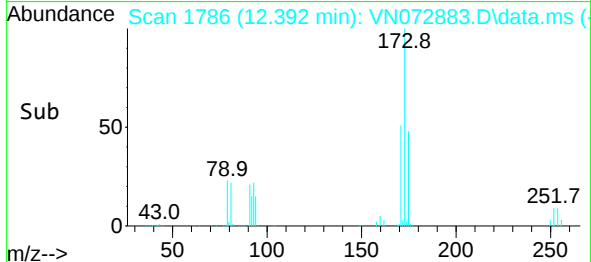
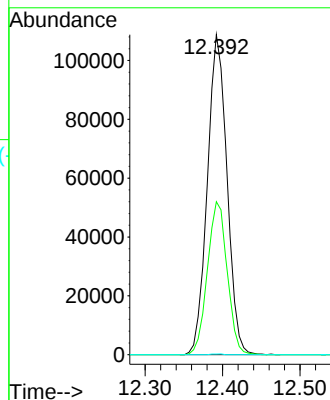
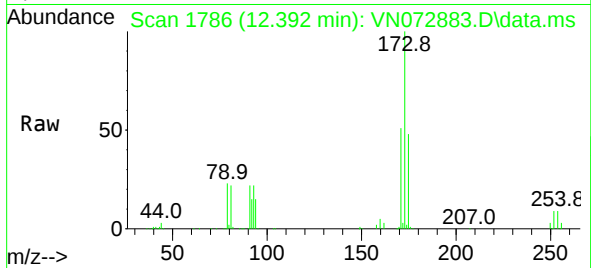




#71  
Bromoform  
Concen: 54.010 ug/l  
RT: 12.392 min Scan# 1786  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

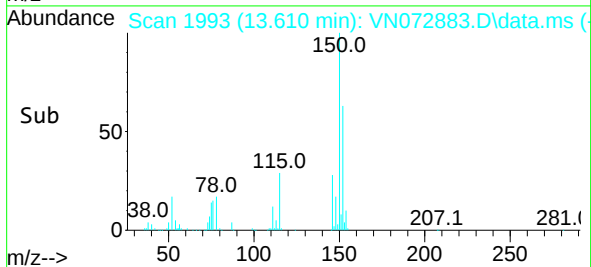
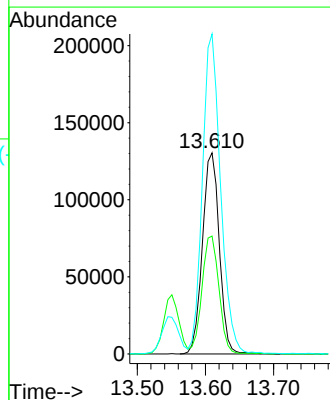
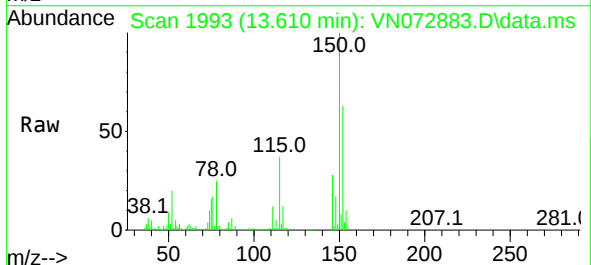
Instrument :  
MSVOA\_N  
ClientSampleId :

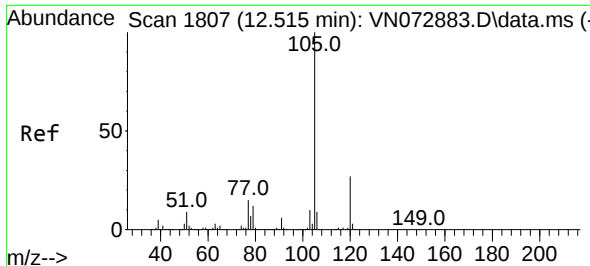
Tgt Ion:173 Resp: 191466  
Ion Ratio Lower Upper  
173 100  
175 48.0 24.6 73.6  
254 0.1 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.610 min Scan# 1993  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

Tgt Ion:152 Resp: 224840  
Ion Ratio Lower Upper  
152 100  
115 59.3 28.9 86.7  
150 171.0 0.0 356.2

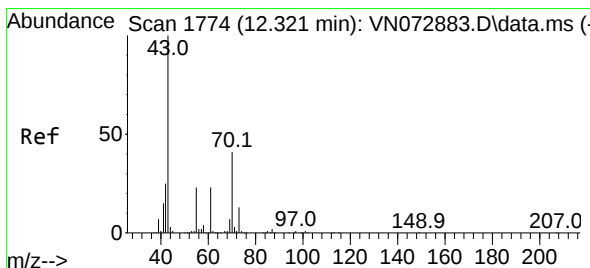
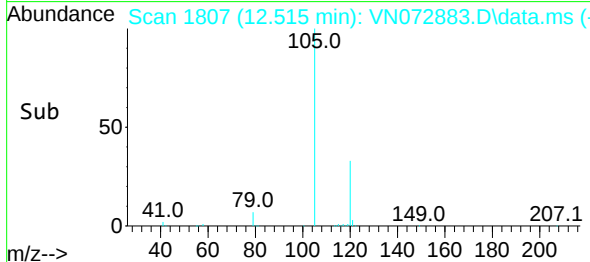
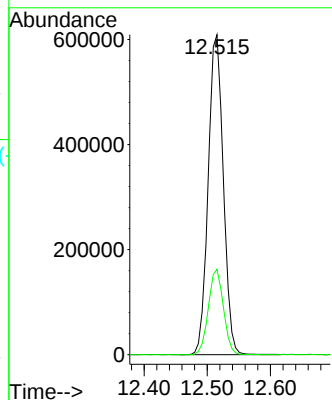
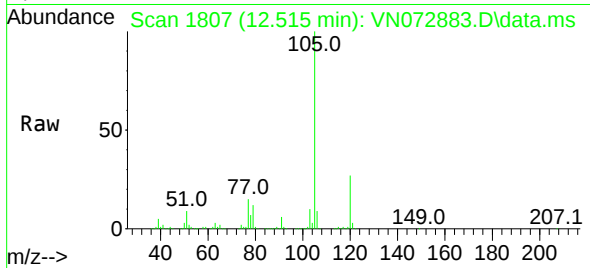




#73  
Isopropylbenzene  
Concen: 47.208 ug/l  
RT: 12.515 min Scan# 1807  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

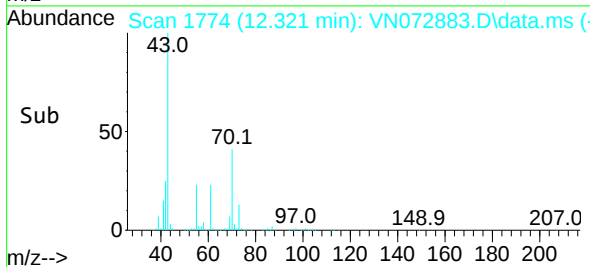
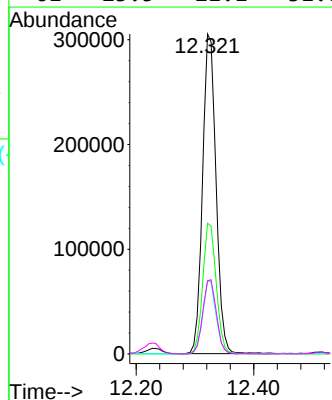
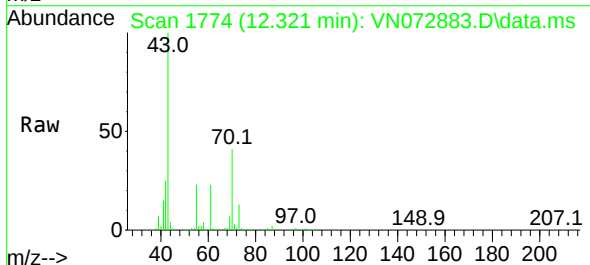
Instrument :  
MSVOA\_N  
ClientSampleId :

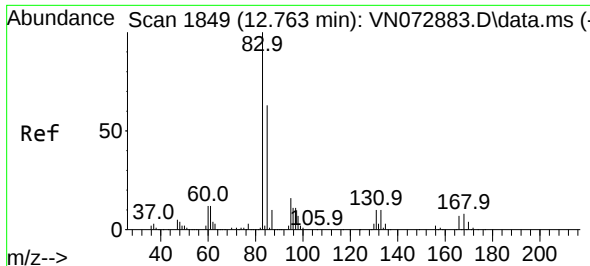
Tgt Ion:105 Resp: 1012240  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.5 40.4



#74  
N-ethyl acetate  
Concen: 52.826 ug/l  
RT: 12.321 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

Tgt Ion: 43 Resp: 484711  
Ion Ratio Lower Upper  
43 100  
70 41.3 39.0 58.4  
55 22.6 21.1 31.7  
61 23.5 21.1 31.7

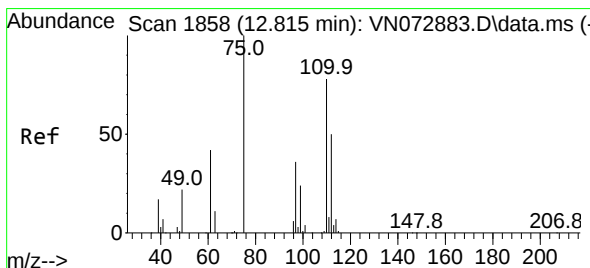
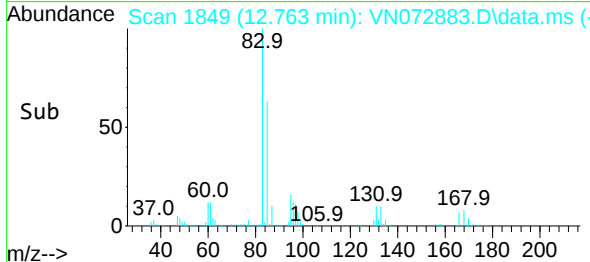
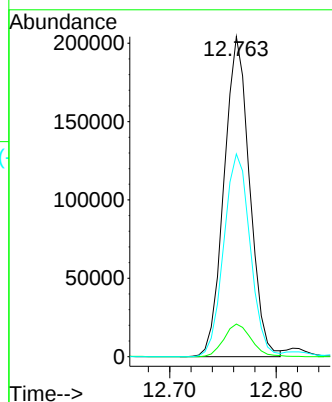
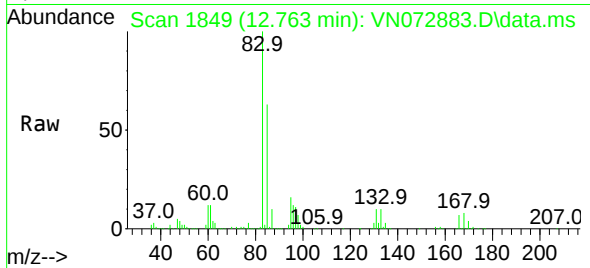




#75  
 1,1,2-Tetrachloroethane  
 Concen: 48.421 ug/l  
 RT: 12.763 min Scan# 1849  
 Delta R.T. 0.000 min  
 Lab File: VN072883.D  
 Acq: 16 Jun 2022 12:16

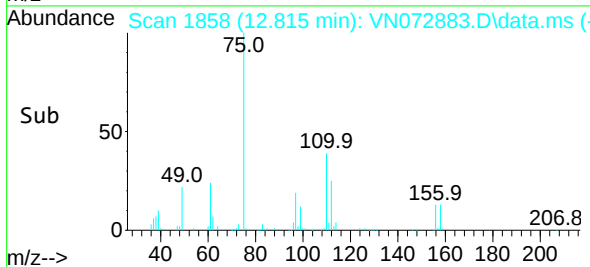
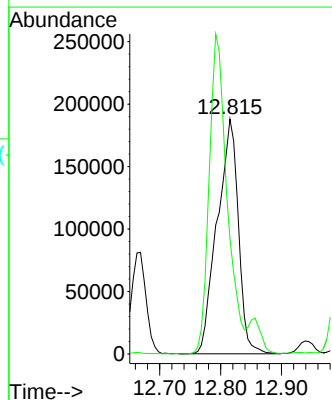
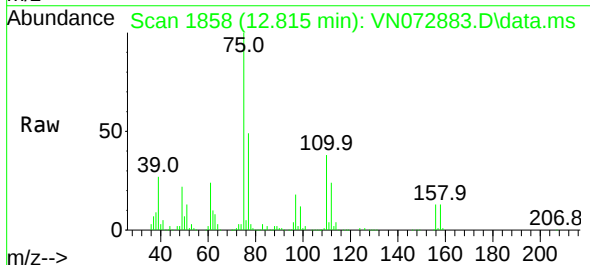
Instrument :  
 MSVOA\_N  
 ClientSampleId :

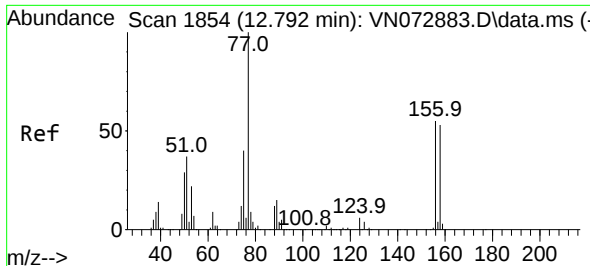
Tgt Ion: 83 Resp: 339478  
 Ion Ratio Lower Upper  
 83 100  
 131 10.9 5.3 15.9  
 85 65.5 32.3 96.9



#76  
 1,2,3-Trichloropropane  
 Concen: 67.711 ug/l  
 RT: 12.815 min Scan# 1858  
 Delta R.T. 0.000 min  
 Lab File: VN072883.D  
 Acq: 16 Jun 2022 12:16

Tgt Ion: 75 Resp: 453859  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 98.5 295.5#

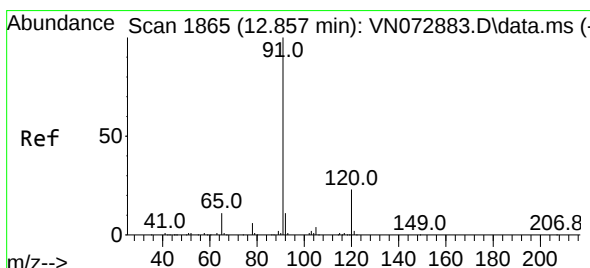
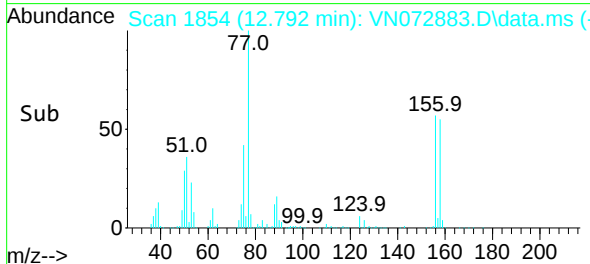
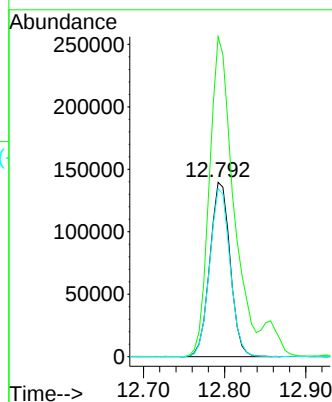
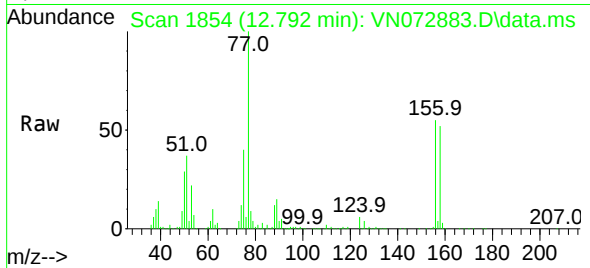




#77  
Bromobenzene  
Concen: 48.395 ug/l  
RT: 12.792 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

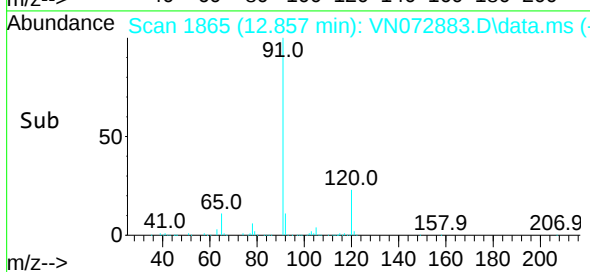
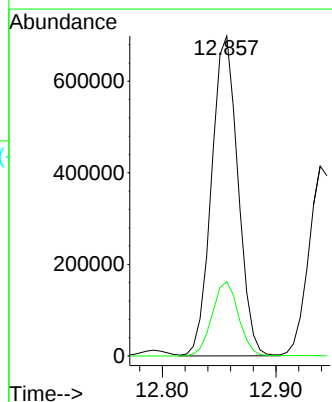
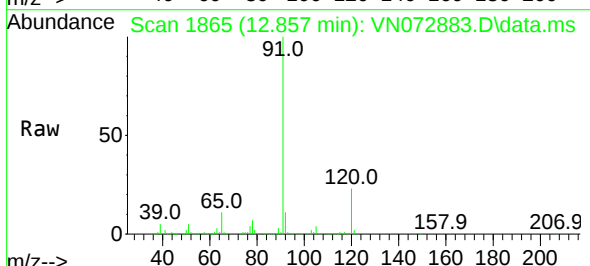
Instrument :  
MSVOA\_N  
ClientSampleId :

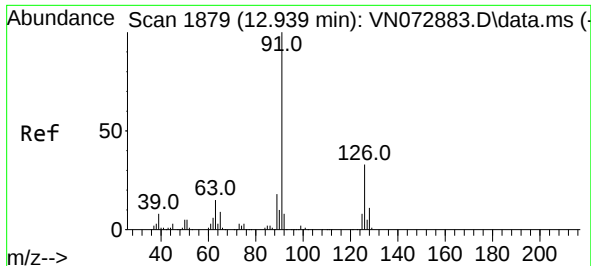
Tgt Ion:156 Resp: 242510  
Ion Ratio Lower Upper  
156 100  
77 216.1 100.5 301.5  
158 96.9 48.9 146.6



#78  
n-propylbenzene  
Concen: 50.517 ug/l  
RT: 12.857 min Scan# 1865  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

Tgt Ion: 91 Resp: 1129668  
Ion Ratio Lower Upper  
91 100  
120 23.2 11.9 35.5

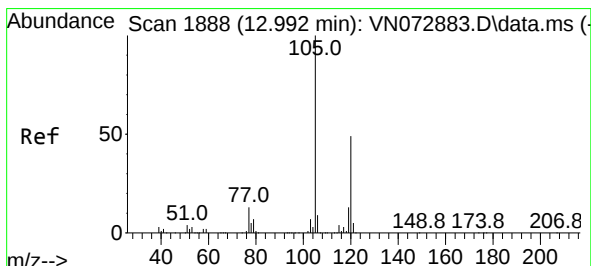
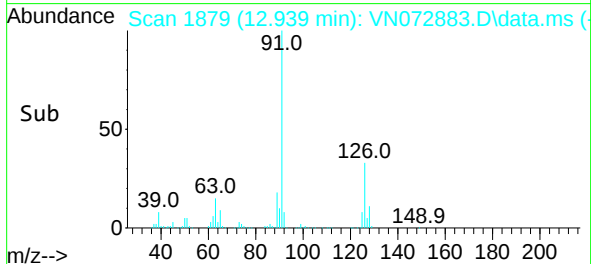
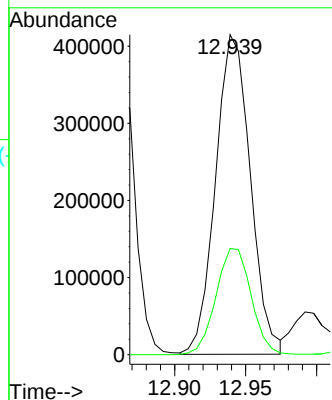
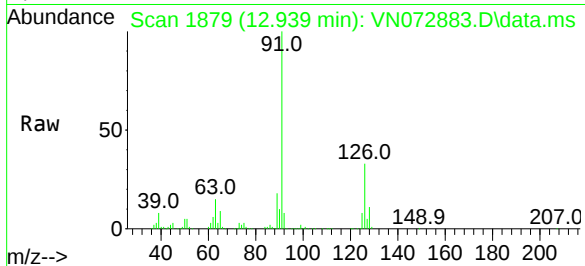




#79  
2-Chlorotoluene  
Concen: 48.547 ug/l  
RT: 12.939 min Scan# 1879  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

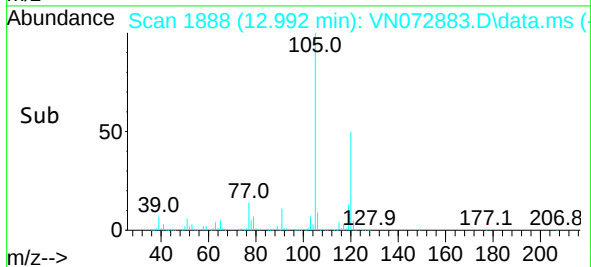
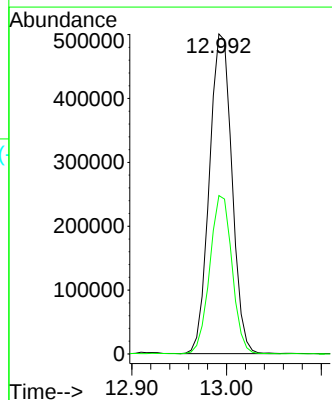
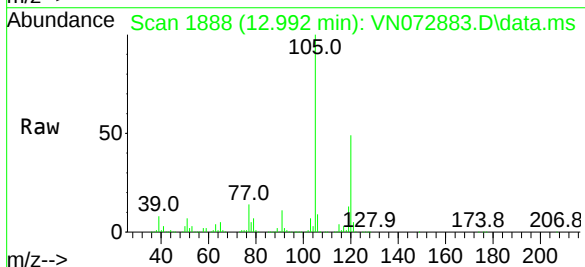
Instrument :  
MSVOA\_N  
ClientSampleId :

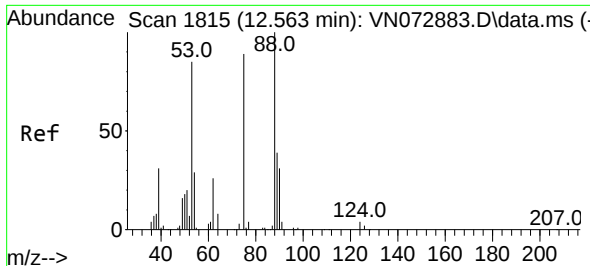
Tgt Ion: 91 Resp: 707618  
Ion Ratio Lower Upper  
91 100  
126 33.6 17.3 51.9



#80  
1,3,5-Trimethylbenzene  
Concen: 48.134 ug/l  
RT: 12.992 min Scan# 1888  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

Tgt Ion: 105 Resp: 827101  
Ion Ratio Lower Upper  
105 100  
120 48.8 24.9 74.7

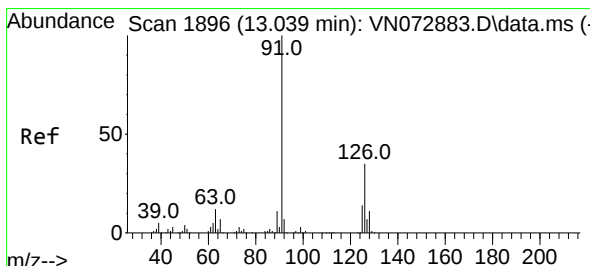
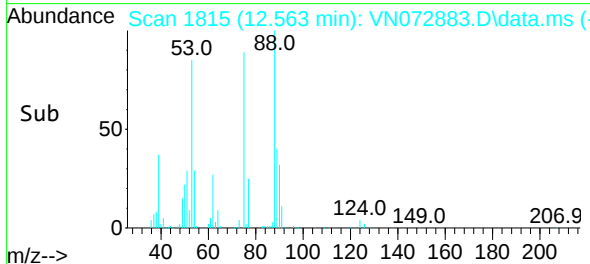
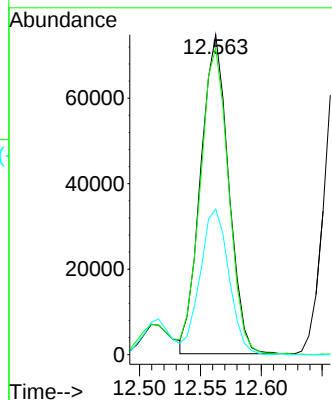
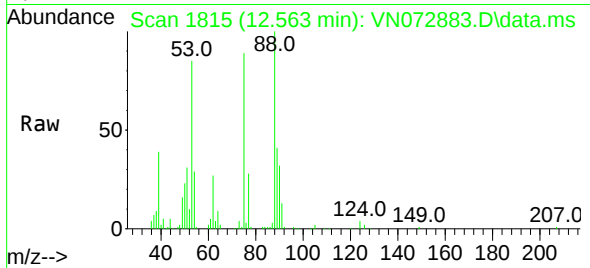




#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.698 ug/l  
RT: 12.563 min Scan# 1815  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

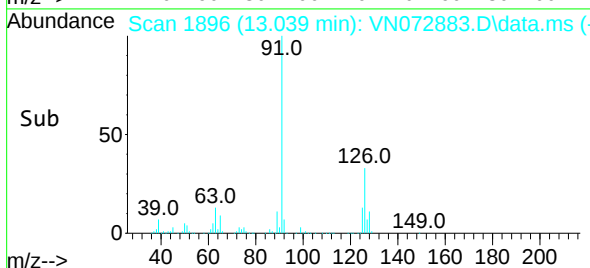
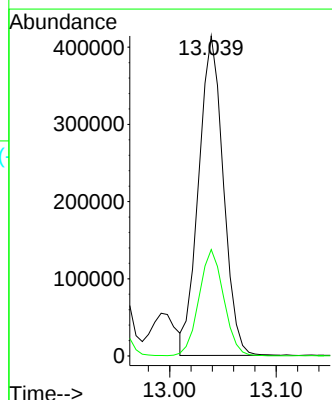
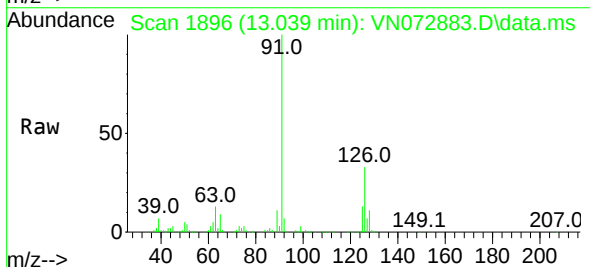
Instrument :  
MSVOA\_N  
ClientSampleId :

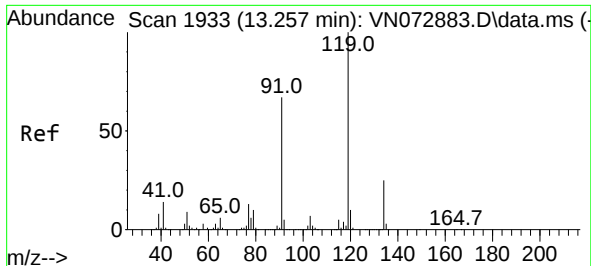
Tgt Ion: 75 Resp: 119143  
Ion Ratio Lower Upper  
75 100  
53 97.8 78.0 117.0  
89 47.0 37.2 55.8



#82  
4-Chlorotoluene  
Concen: 49.498 ug/l  
RT: 13.039 min Scan# 1896  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

Tgt Ion: 91 Resp: 664913  
Ion Ratio Lower Upper  
91 100  
126 33.4 17.2 51.6

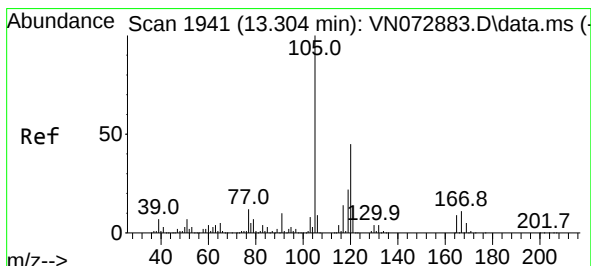
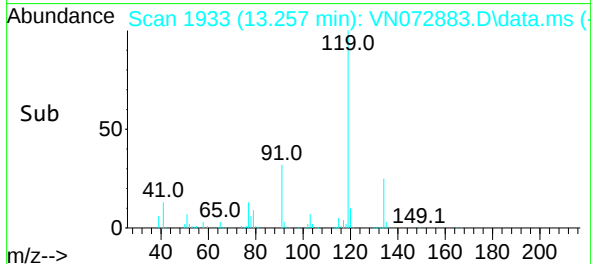
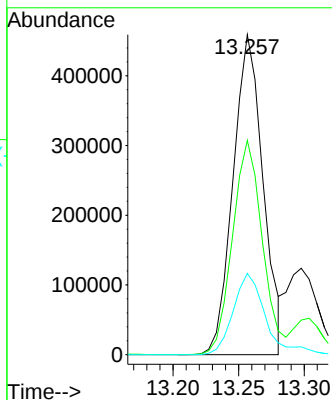
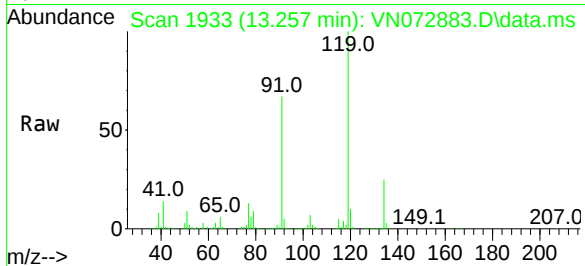




#83  
 tert-Butylbenzene  
 Concen: 47.555 ug/l  
 RT: 13.257 min Scan# 1933  
 Delta R.T. 0.000 min  
 Lab File: VN072883.D  
 Acq: 16 Jun 2022 12:16

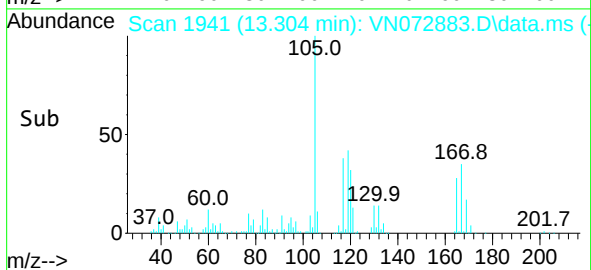
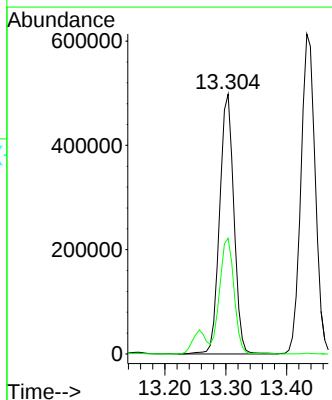
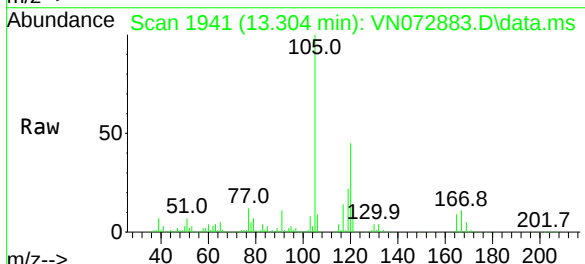
Instrument :  
 MSVOA\_N  
 ClientSampleId :

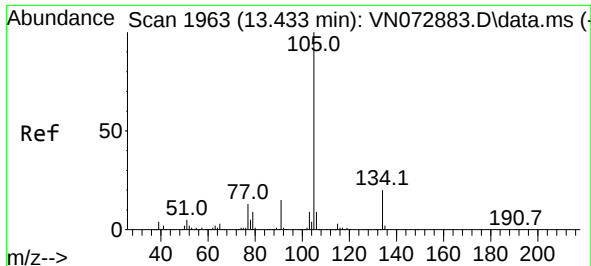
Tgt Ion:119 Resp: 731421  
 Ion Ratio Lower Upper  
 119 100  
 91 66.7 31.6 94.8  
 134 27.4 13.7 41.1



#84  
 1,2,4-Trimethylbenzene  
 Concen: 49.093 ug/l  
 RT: 13.304 min Scan# 1941  
 Delta R.T. 0.000 min  
 Lab File: VN072883.D  
 Acq: 16 Jun 2022 12:16

Tgt Ion:105 Resp: 811003  
 Ion Ratio Lower Upper  
 105 100  
 120 44.8 23.3 69.8

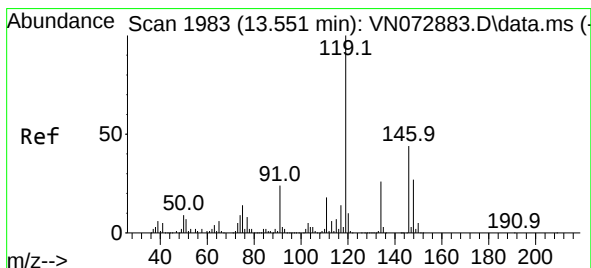
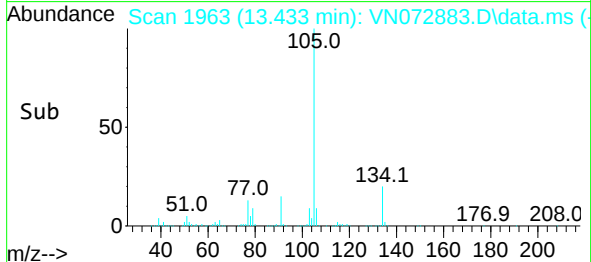
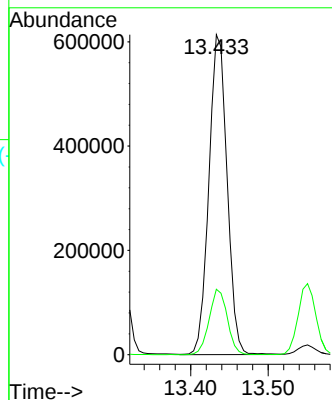
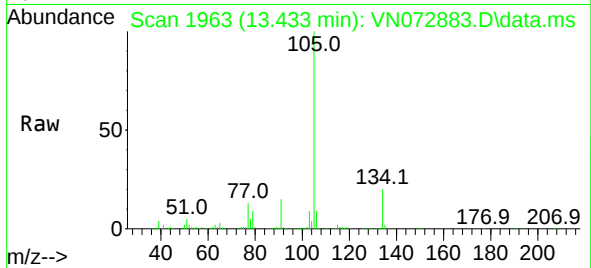




#85  
 sec-Butylbenzene  
 Concen: 50.213 ug/l  
 RT: 13.433 min Scan# 1963  
 Delta R.T. 0.000 min  
 Lab File: VN072883.D  
 Acq: 16 Jun 2022 12:16

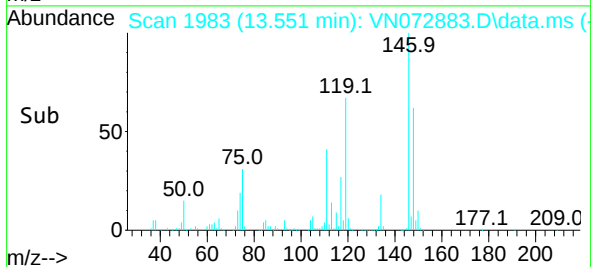
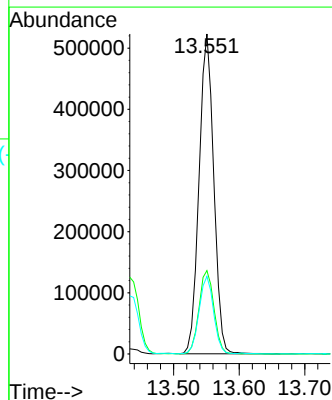
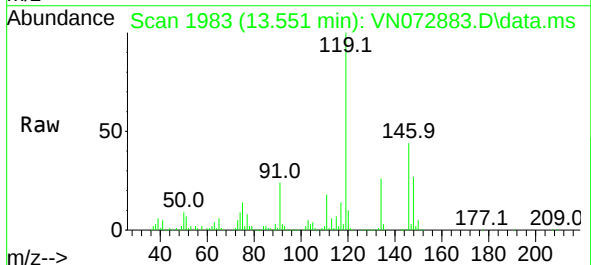
Instrument :  
 MSVOA\_N  
 ClientSampleId :

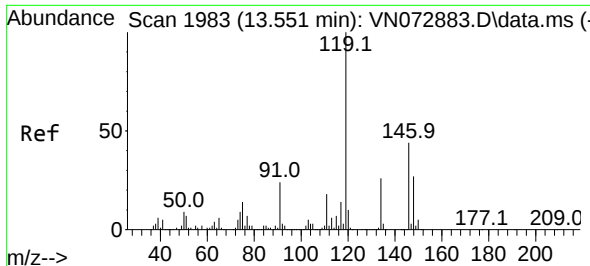
Tgt Ion:105 Resp: 1001218  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 50.692 ug/l  
 RT: 13.551 min Scan# 1983  
 Delta R.T. 0.000 min  
 Lab File: VN072883.D  
 Acq: 16 Jun 2022 12:16

Tgt Ion:119 Resp: 815801  
 Ion Ratio Lower Upper  
 119 100  
 134 26.7 13.3 39.8  
 91 23.8 11.3 33.9

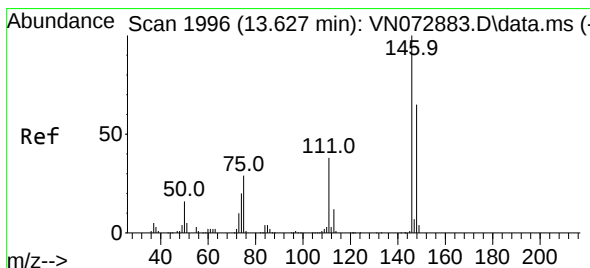
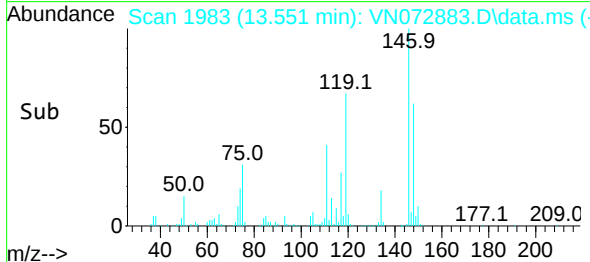
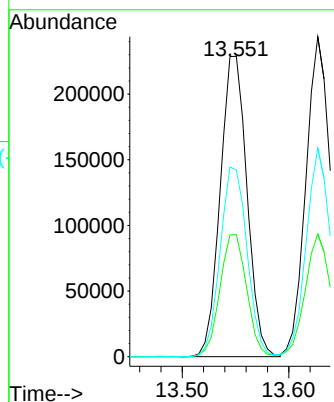
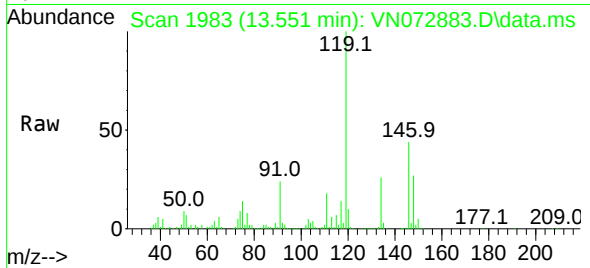




#87  
 1,3-Dichlorobenzene  
 Concen: 48.985 ug/l  
 RT: 13.551 min Scan# 1983  
 Delta R.T. 0.000 min  
 Lab File: VN072883.D  
 Acq: 16 Jun 2022 12:16

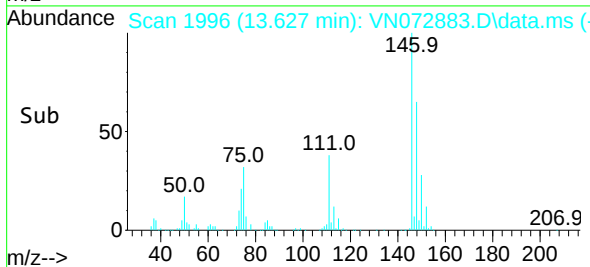
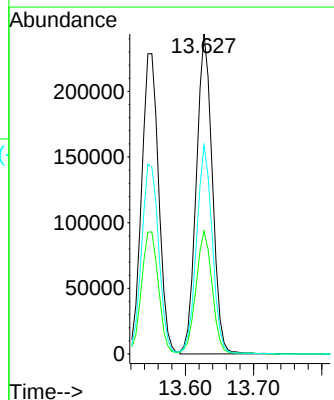
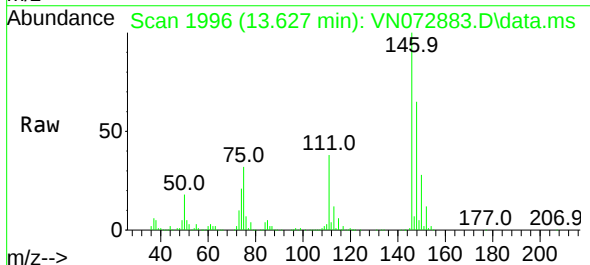
Instrument :  
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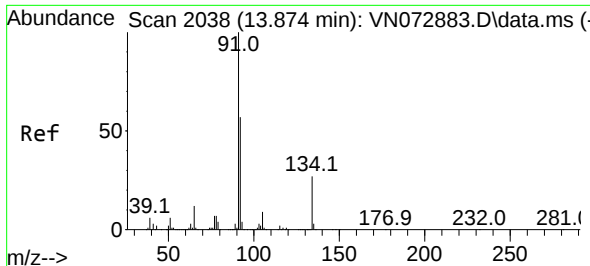
Tgt Ion:146 Resp: 399845  
 Ion Ratio Lower Upper  
 146 100  
 111 40.5 20.0 60.0  
 148 63.3 32.0 96.0



#88  
 1,4-Dichlorobenzene  
 Concen: 48.098 ug/l  
 RT: 13.627 min Scan# 1996  
 Delta R.T. 0.000 min  
 Lab File: VN072883.D  
 Acq: 16 Jun 2022 12:16

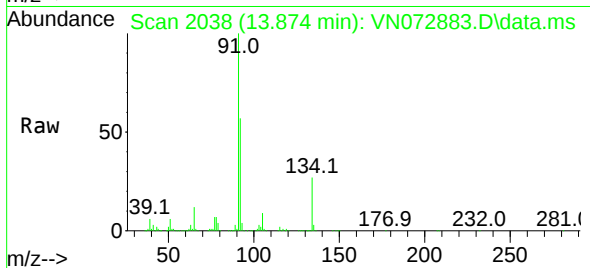
Tgt Ion:146 Resp: 395317  
 Ion Ratio Lower Upper  
 146 100  
 111 38.5 19.1 57.1  
 148 64.2 31.4 94.3



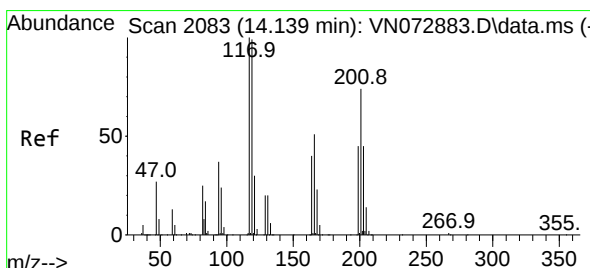
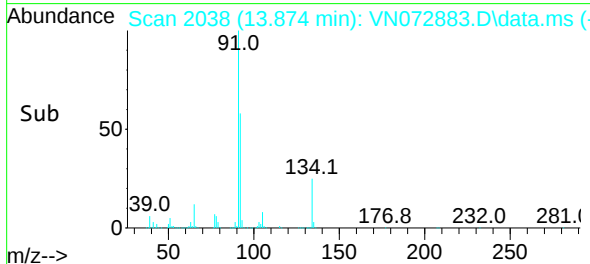
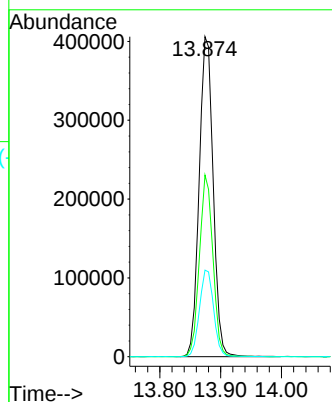


#89  
n-Butylbenzene  
Concen: 52.435 ug/l  
RT: 13.874 min Scan# 2038  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

Instrument :  
MSVOA\_N  
ClientSampleId :

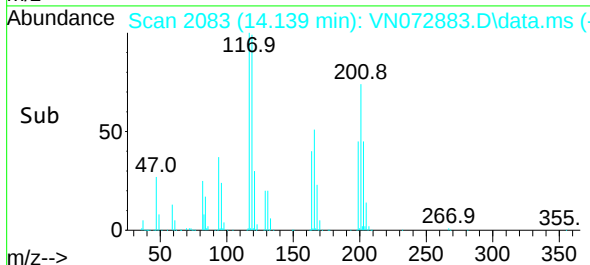
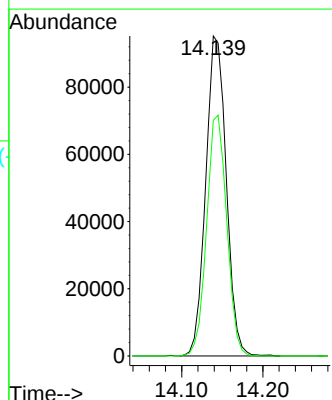
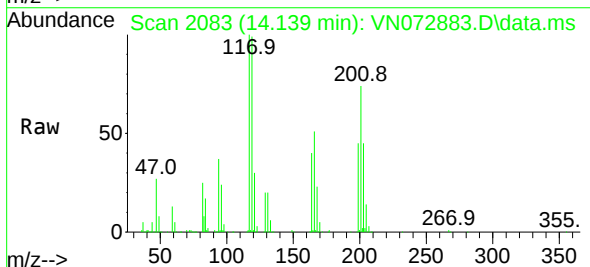


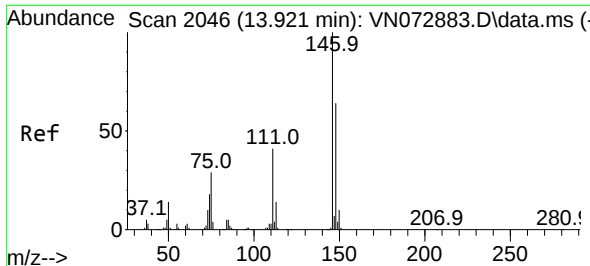
Tgt Ion: 91 Resp: 648599  
Ion Ratio Lower Upper  
91 100  
92 54.9 26.9 80.7  
134 27.4 13.6 40.8



#90  
Hexachloroethane  
Concen: 48.035 ug/l  
RT: 14.139 min Scan# 2083  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

Tgt Ion: 117 Resp: 167134  
Ion Ratio Lower Upper  
117 100  
201 73.6 40.6 122.0

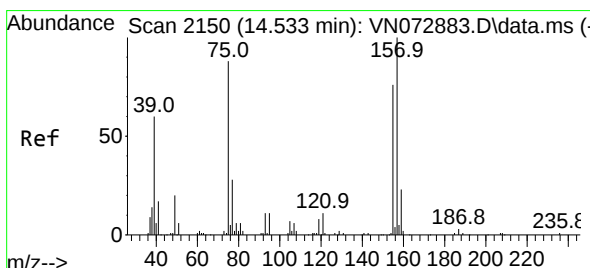
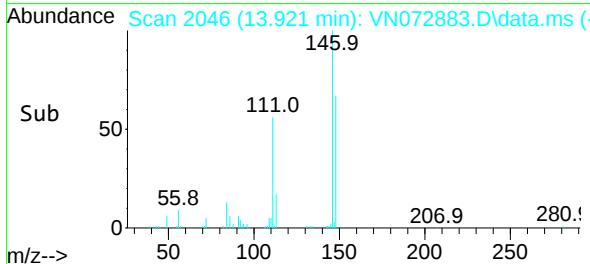
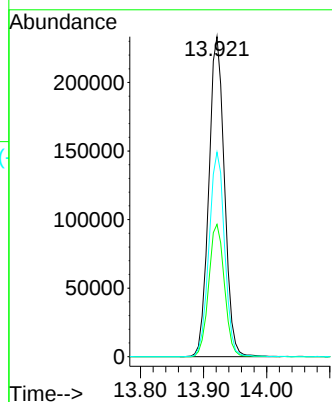
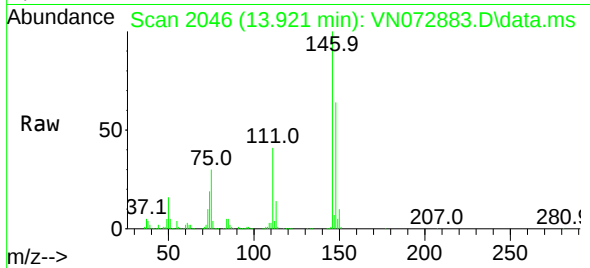




#91  
 1,2-Dichlorobenzene  
 Concen: 48.650 ug/l  
 RT: 13.921 min Scan# 2046  
 Delta R.T. 0.000 min  
 Lab File: VN072883.D  
 Acq: 16 Jun 2022 12:16

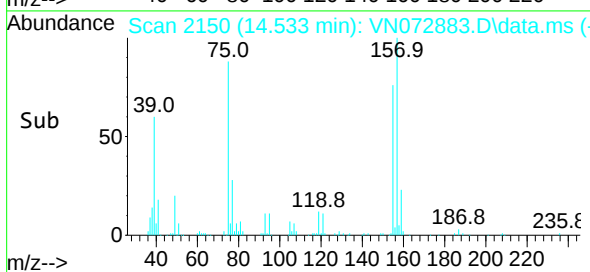
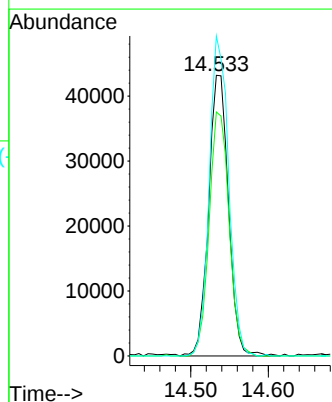
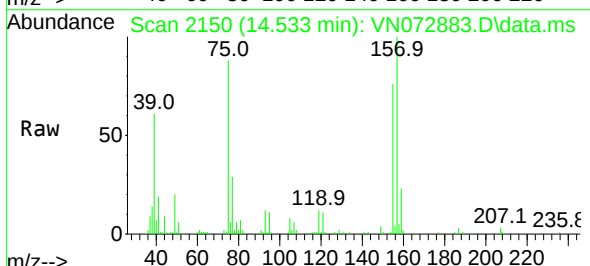
Instrument :  
 MSVOA\_N  
 ClientSampleId :

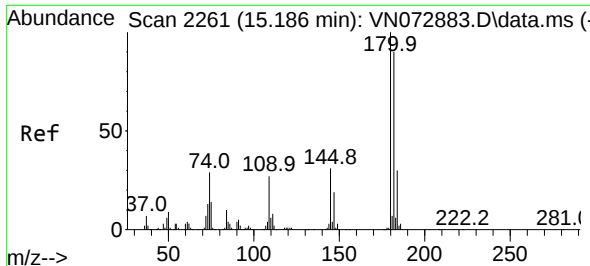
Tgt Ion:146 Resp: 401630  
 Ion Ratio Lower Upper  
 146 100  
 111 41.6 20.9 62.8  
 148 63.7 32.1 96.3



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 45.177 ug/l  
 RT: 14.533 min Scan# 2150  
 Delta R.T. 0.000 min  
 Lab File: VN072883.D  
 Acq: 16 Jun 2022 12:16

Tgt Ion: 75 Resp: 76871  
 Ion Ratio Lower Upper  
 75 100  
 155 87.1 44.9 134.5  
 157 111.1 59.0 176.8

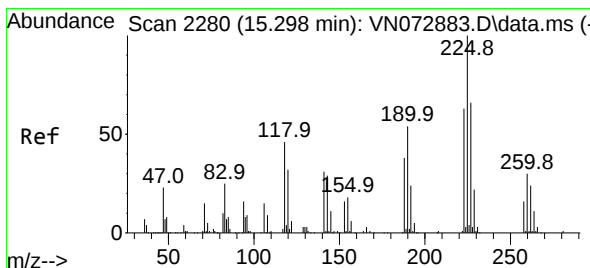
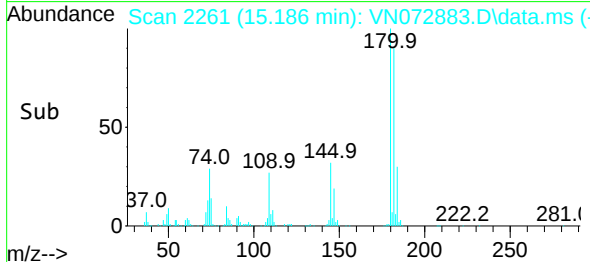
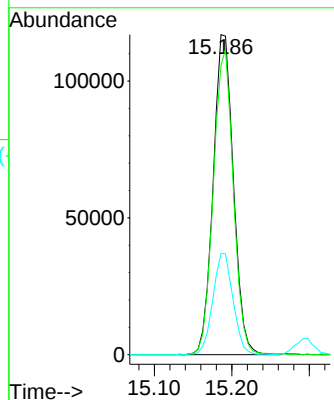
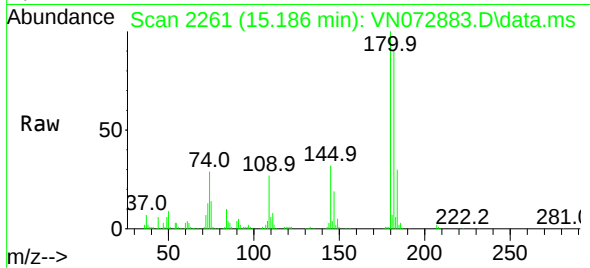




#93  
1,2,4-Trichlorobenzene  
Concen: 51.516 ug/l  
RT: 15.186 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

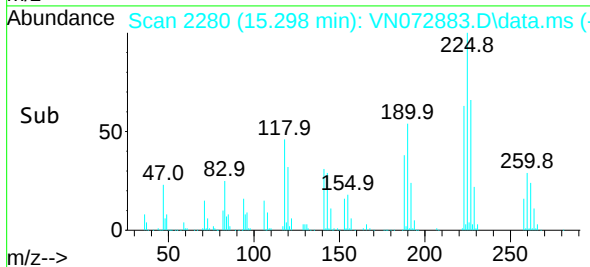
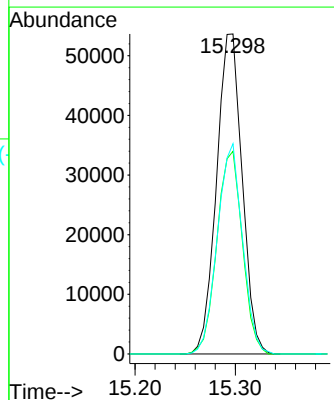
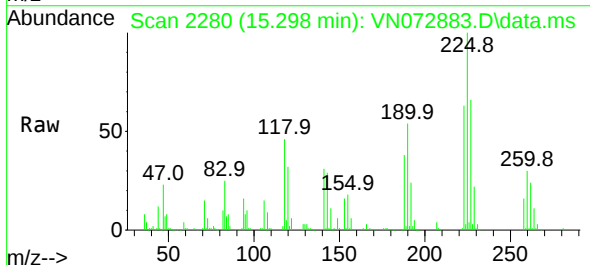
Instrument :  
MSVOA\_N  
ClientSampleId :

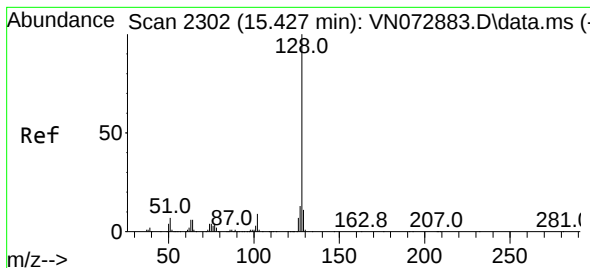
Tgt Ion:180 Resp: 212531  
Ion Ratio Lower Upper  
180 100  
182 93.9 47.5 142.5  
145 31.6 14.5 43.5



#94  
Hexachlorobutadiene  
Concen: 46.544 ug/l  
RT: 15.298 min Scan# 2280  
Delta R.T. 0.000 min  
Lab File: VN072883.D  
Acq: 16 Jun 2022 12:16

Tgt Ion:225 Resp: 95050  
Ion Ratio Lower Upper  
225 100  
223 63.0 32.4 97.2  
227 64.5 31.8 95.4





#95

Naphthalene

Concen: 53.100 ug/l

RT: 15.427 min Scan# 2302

Delta R.T. 0.000 min

Lab File: VN072883.D

Acq: 16 Jun 2022 12:16

Instrument :

MSVOA\_N

ClientSampleId :

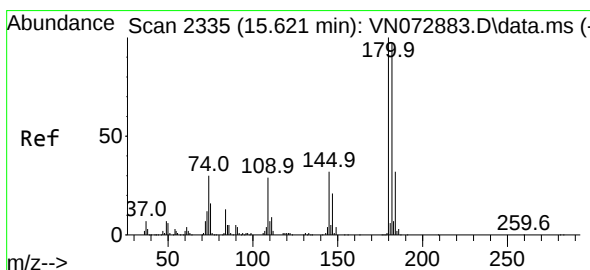
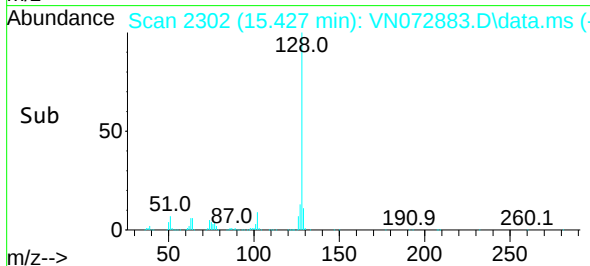
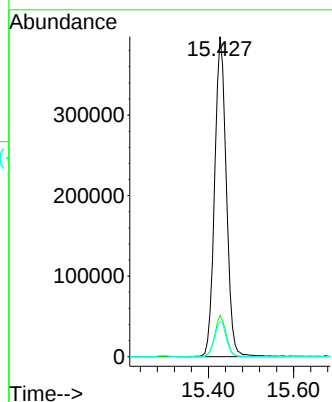
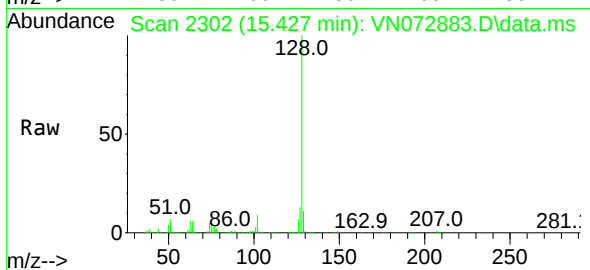
Tgt Ion:128 Resp: 756415

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.870 ug/l

RT: 15.621 min Scan# 2335

Delta R.T. 0.000 min

Lab File: VN072883.D

Acq: 16 Jun 2022 12:16

Tgt Ion:180 Resp: 212505

Ion Ratio Lower Upper

180 100

182 95.8 47.8 143.3

145 32.9 15.5 46.5

