

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN101022\  
 Data File : VN074828.D  
 Acq On : 10 Oct 2022 13:26  
 Operator : JC\MD  
 Sample : VN1010WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Oct 11 06:22:26 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N100522W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 06 05:37:50 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.235  | 168  | 261195   | 50.000 | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene    | 9.112  | 114  | 456993   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.870 | 117  | 490343   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 285358   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.588  | 65    | 308441   | 49.839   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 99.680%  |
| 35) Dibromofluoromethane    | 8.177  | 113   | 241360   | 52.273   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 104.540% |
| 50) Toluene-d8              | 10.570 | 98    | 1022268  | 51.598   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 103.200% |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 287719   | 47.773   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 95.540%  |

|                              |       |     |         |         |      |      |
|------------------------------|-------|-----|---------|---------|------|------|
| Target Compounds             |       |     |         | Qvalue  |      |      |
| 2) Dichlorodifluoromethane   | 2.148 | 85  | 108124  | 20.185  | ug/l | 92   |
| 3) Chloromethane             | 2.383 | 50  | 147865  | 18.562  | ug/l | 91   |
| 4) Vinyl Chloride            | 2.536 | 62  | 210152  | 21.307  | ug/l | # 88 |
| 5) Bromomethane              | 2.953 | 94  | 167939  | 24.146  | ug/l | 84   |
| 6) Chloroethane              | 3.130 | 64  | 199929  | 27.397  | ug/l | 99   |
| 7) Trichlorofluoromethane    | 3.506 | 101 | 156891  | 20.183  | ug/l | 97   |
| 8) Diethyl Ether             | 3.983 | 74  | 68168   | 16.810  | ug/l | 94   |
| 9) 1,1,2-Trichlorotrifluo... | 4.394 | 101 | 94075   | 19.755  | ug/l | 97   |
| 10) Methyl Iodide            | 4.606 | 142 | 109815  | 19.070  | ug/l | 98   |
| 11) Tert butyl alcohol       | 5.553 | 59  | 169992  | 82.012  | ug/l | 98   |
| 12) 1,1-Dichloroethene       | 4.359 | 96  | 90082   | 17.770  | ug/l | 94   |
| 13) Acrolein                 | 4.206 | 56  | 40862   | 69.482  | ug/l | 99   |
| 14) Allyl chloride           | 5.041 | 41  | 194177  | 18.638  | ug/l | 99   |
| 15) Acrylonitrile            | 5.747 | 53  | 426314  | 94.299  | ug/l | 100  |
| 16) Acetone                  | 4.453 | 43  | 374547  | 106.794 | ug/l | 98   |
| 17) Carbon Disulfide         | 4.730 | 76  | 236499  | 17.072  | ug/l | 98   |
| 18) Methyl Acetate           | 5.053 | 43  | 250124  | 19.263  | ug/l | 98   |
| 19) Methyl tert-butyl Ether  | 5.824 | 73  | 355082  | 18.005  | ug/l | 98   |
| 20) Methylene Chloride       | 5.294 | 84  | 118747  | 19.946  | ug/l | 96   |
| 21) trans-1,2-Dichloroethene | 5.800 | 96  | 96384   | 17.775  | ug/l | 88   |
| 22) Diisopropyl ether        | 6.688 | 45  | 418624  | 18.918  | ug/l | 96   |
| 23) Vinyl Acetate            | 6.624 | 43  | 1569857 | 86.367  | ug/l | 100  |
| 24) 1,1-Dichloroethane       | 6.588 | 63  | 216656  | 18.991  | ug/l | 98   |
| 25) 2-Butanone               | 7.500 | 43  | 622023  | 97.724  | ug/l | 91   |
| 26) 2,2-Dichloropropane      | 7.500 | 77  | 180973  | 19.233  | ug/l | 96   |
| 27) cis-1,2-Dichloroethene   | 7.500 | 96  | 128301  | 19.876  | ug/l | 92   |
| 28) Bromochloromethane       | 7.824 | 49  | 107511  | 20.886  | ug/l | 95   |
| 29) Tetrahydrofuran          | 7.859 | 42  | 409361  | 92.278  | ug/l | 98   |
| 30) Chloroform               | 7.977 | 83  | 213047  | 20.388  | ug/l | # 83 |
| 31) Cyclohexane              | 8.265 | 56  | 193595  | 18.099  | ug/l | 98   |
| 32) 1,1,1-Trichloroethane    | 8.177 | 97  | 173239  | 19.450  | ug/l | 96   |
| 36) 1,1-Dichloropropene      | 8.377 | 75  | 148173  | 19.827  | ug/l | 98   |
| 37) Ethyl Acetate            | 7.500 | 43  | 622023  | 20.750  | ug/l | # 54 |
| 38) Carbon Tetrachloride     | 8.377 | 117 | 141516  | 20.080  | ug/l | 93   |
| 39) Methylcyclohexane        | 9.606 | 83  | 191829  | 19.814  | ug/l | # 90 |
| 40) Benzene                  | 8.618 | 78  | 501952  | 20.747  | ug/l | 95   |

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 Sample : VN1010WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Oct 11 06:22:26 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N100522W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 06 05:37:50 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.794  | 41   | 118428   | 20.054  | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 8.682  | 62   | 161471   | 21.262  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 377795   | 20.394  | ug/l   | 99       |
| 44) Trichloroethene           | 9.359  | 130  | 101405   | 20.124  | ug/l   | 92       |
| 45) 1,2-Dichloropropane       | 9.623  | 63   | 133547   | 20.386  | ug/l   | 97       |
| 46) Dibromomethane            | 9.712  | 93   | 83320    | 21.675  | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.894  | 83   | 161067   | 20.508  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.612  | 41   | 169105   | 22.235  | ug/l # | 99       |
| 49) 1,4-Dioxane               | 9.706  | 88   | 62778    | 380.848 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 1225661  | 102.744 | ug/l   | 98       |
| 52) Toluene                   | 10.629 | 92   | 296163   | 20.377  | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 181878   | 19.436  | ug/l   | 92       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 194959   | 19.297  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 122917   | 21.033  | ug/l   | 90       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 197882   | 18.591  | ug/l   | 93       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 216711   | 20.575  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 389931   | 101.570 | ug/l   | 98       |
| 59) 2-Hexanone                | 11.200 | 43   | 926305   | 102.658 | ug/l   | 97       |
| 60) Dibromochloromethane      | 11.359 | 129  | 114335   | 19.860  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.470 | 107  | 125583   | 21.133  | ug/l   | 96       |
| 64) Tetrachloroethene         | 11.112 | 164  | 79870    | 20.065  | ug/l   | 94       |
| 65) Chlorobenzene             | 11.894 | 112  | 300062   | 19.975  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 112545   | 20.519  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.965 | 91   | 566268   | 20.224  | ug/l   | 97       |
| 68) m/p-Xylenes               | 12.076 | 106  | 424154   | 40.354  | ug/l   | 97       |
| 69) o-Xylene                  | 12.400 | 106  | 213496   | 19.798  | ug/l   | 96       |
| 70) Styrene                   | 12.412 | 104  | 338274   | 19.898  | ug/l   | 99       |
| 71) Bromoform                 | 12.582 | 173  | 77567    | 18.539  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.700 | 105  | 544798   | 19.840  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.500 | 43   | 290364   | 17.489  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 207209   | 21.439  | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 249484   | 29.292  | ug/l   | 65       |
| 77) Bromobenzene              | 12.982 | 156  | 114501   | 21.815  | ug/l   | 94       |
| 78) n-propylbenzene           | 13.041 | 91   | 635525   | 20.089  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 371815   | 19.382  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 456122   | 20.827  | ug/l   | 93       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 69439    | 15.885  | ug/l   | 88       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 339135   | 19.074  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 390915   | 20.656  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 447048   | 20.188  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.617 | 105  | 567532   | 20.637  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 439587   | 20.713  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 208069   | 19.106  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.811 | 146  | 208985   | 20.316  | ug/l   | 97       |
| 89) n-Butylbenzene            | 14.059 | 91   | 377778   | 20.196  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.335 | 117  | 91516    | 19.286  | ug/l   | 89       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 226933   | 21.638  | ug/l   | 95       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 39230    | 17.236  | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 97517    | 21.257  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 15.505 | 225  | 49430    | 23.033  | ug/l   | 98       |
| 95) Naphthalene               | 15.641 | 128  | 386598   | 19.492  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 99085    | 21.326  | ug/l   | 98       |

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Sample : VN1010WBS01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

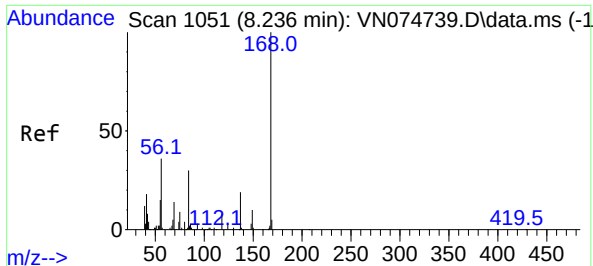
Quant Time: Oct 11 06:22:26 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N100522W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 06 05:37:50 2022  
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N100522W.M  
Quant Title : SW846 8260  
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Response via : Initial Calibration

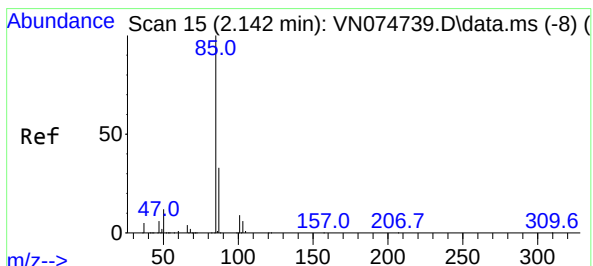
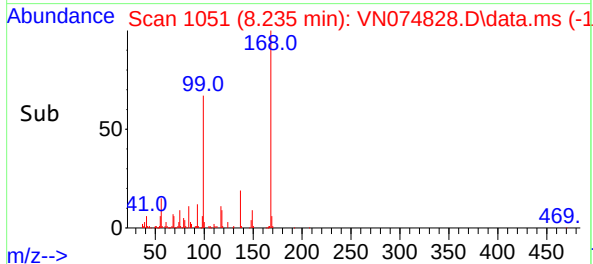
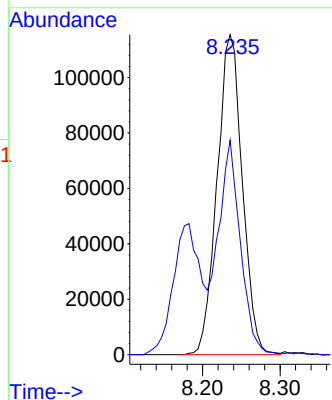
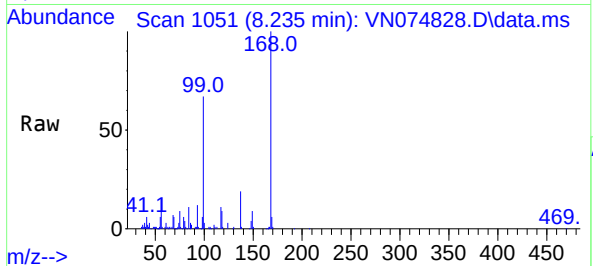




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.235 min Scan# 10  
Delta R.T. -0.001 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

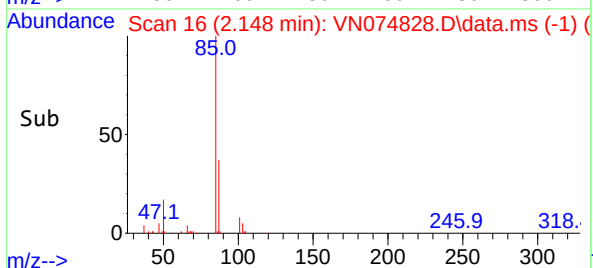
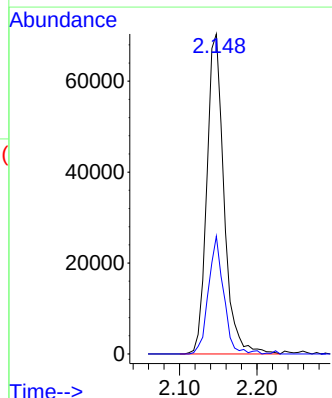
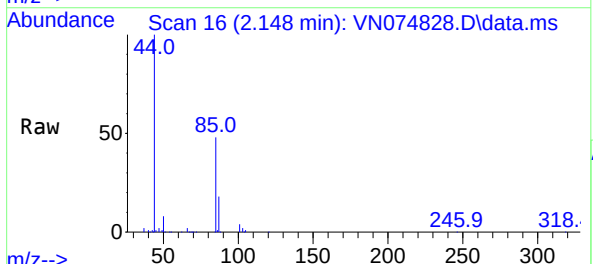
Instrument :  
MSVOA\_N  
ClientSampleId :

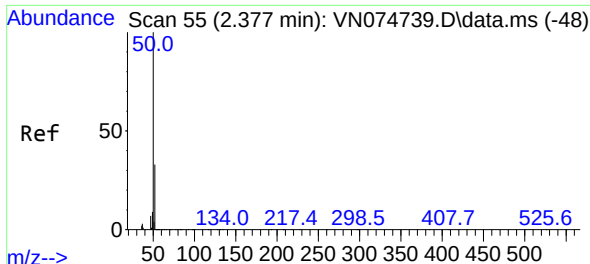
Tgt Ion:168 Resp: 261195  
Ion Ratio Lower Upper  
168 100  
99 66.7 42.8 64.2#



#2  
Dichlorodifluoromethane  
Concen: 20.185 ug/l  
RT: 2.148 min Scan# 16  
Delta R.T. 0.006 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Tgt Ion: 85 Resp: 108124  
Ion Ratio Lower Upper  
85 100  
87 36.8 16.3 48.9

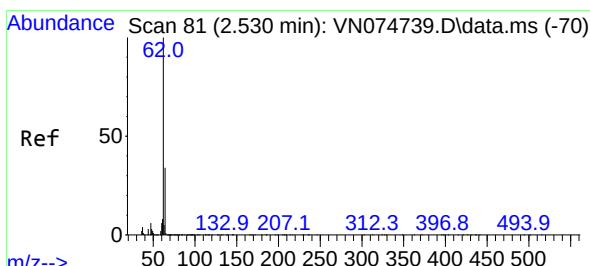
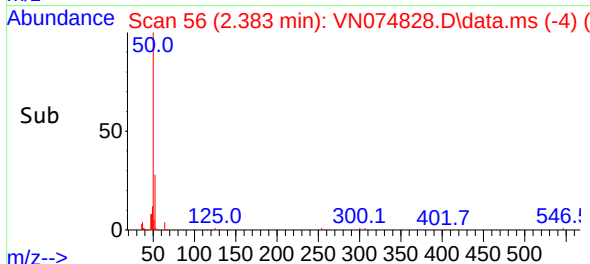
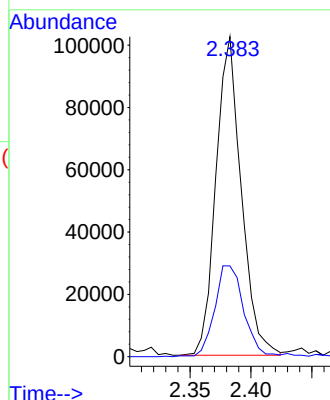
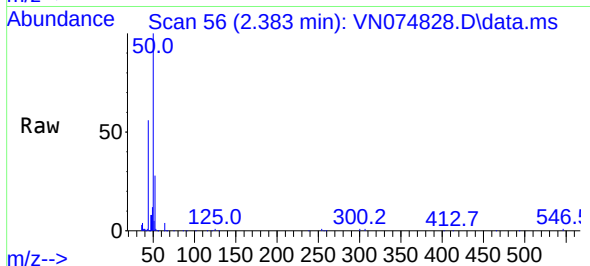




#3  
Chloromethane  
Concen: 18.562 ug/l  
RT: 2.383 min Scan# 50  
Delta R.T. 0.006 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

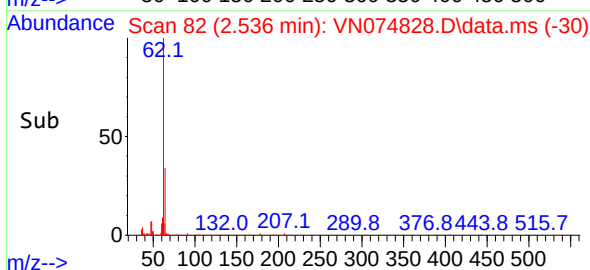
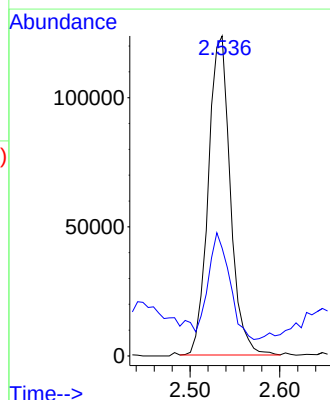
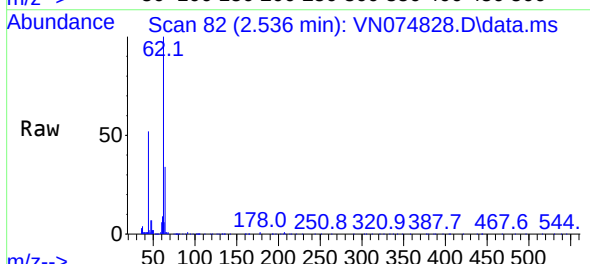
Instrument :  
MSVOA\_N  
ClientSampleId :

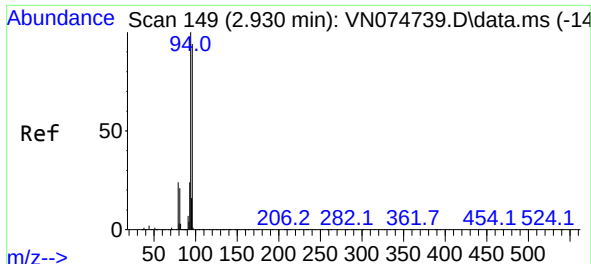
Tgt Ion: 50 Resp: 147865  
Ion Ratio Lower Upper  
50 100  
52 28.2 26.7 40.1



#4  
Vinyl Chloride  
Concen: 21.307 ug/l  
RT: 2.536 min Scan# 82  
Delta R.T. 0.006 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Tgt Ion: 62 Resp: 210152  
Ion Ratio Lower Upper  
62 100  
64 27.2 27.4 41.2#

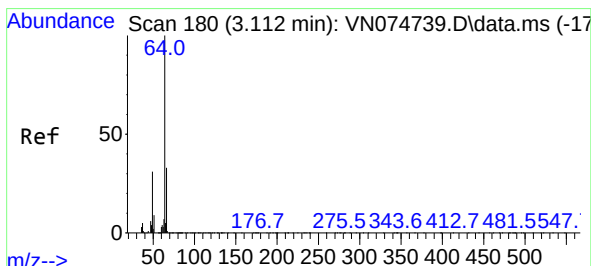
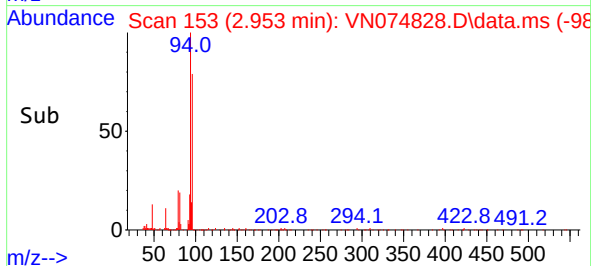
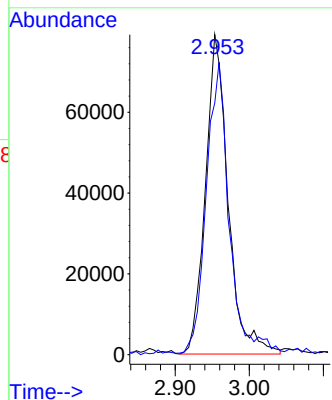
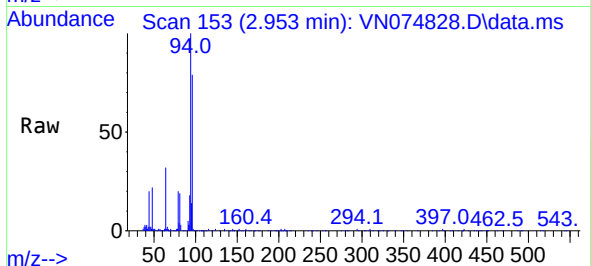




#5  
Bromomethane  
Concen: 24.146 ug/l  
RT: 2.953 min Scan# 11  
Delta R.T. 0.023 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

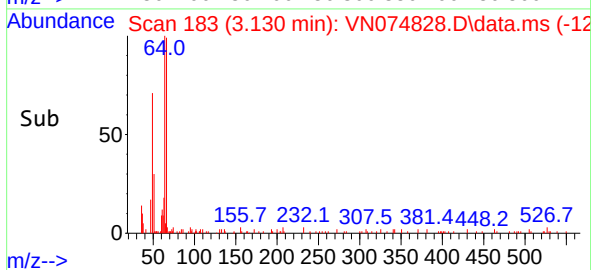
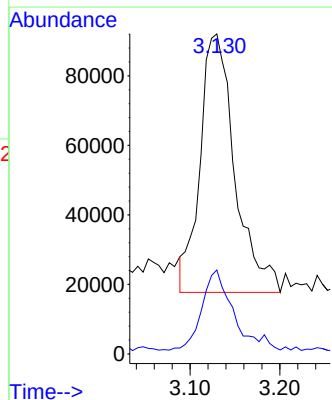
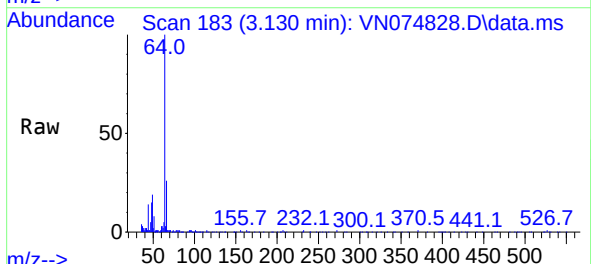
Instrument :  
MSVOA\_N  
ClientSampleId :

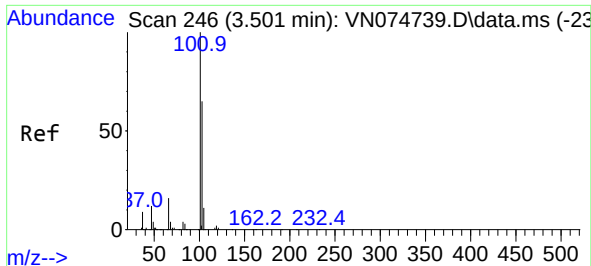
Tgt Ion: 94 Resp: 167939  
Ion Ratio Lower Upper  
94 100  
96 78.3 75.0 112.6



#6  
Chloroethane  
Concen: 27.397 ug/l  
RT: 3.130 min Scan# 183  
Delta R.T. 0.017 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Tgt Ion: 64 Resp: 199929  
Ion Ratio Lower Upper  
64 100  
66 30.6 25.1 37.7

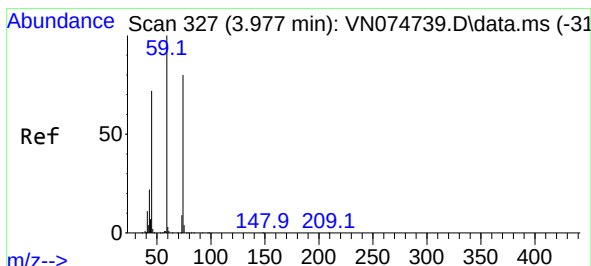
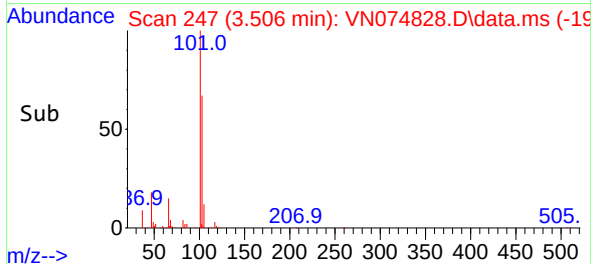
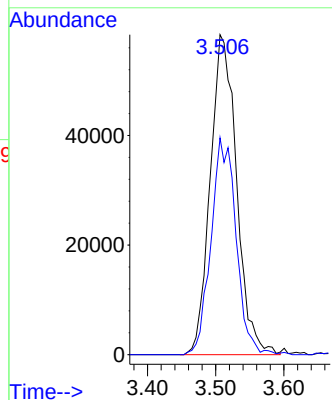
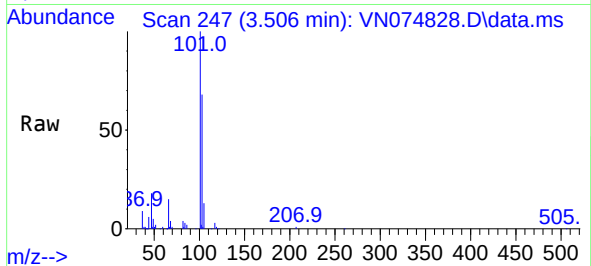




#7  
Trichlorofluoromethane  
Concen: 20.183 ug/l  
RT: 3.506 min Scan# 246  
Delta R.T. 0.006 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

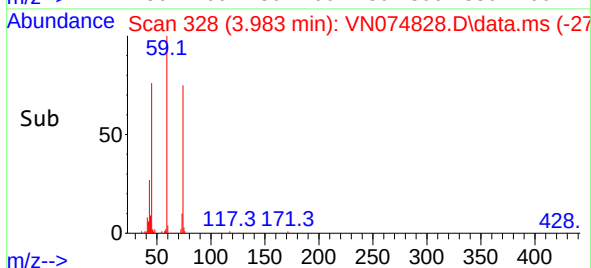
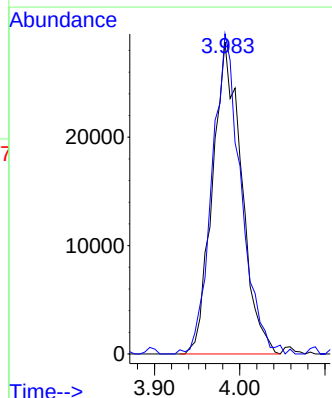
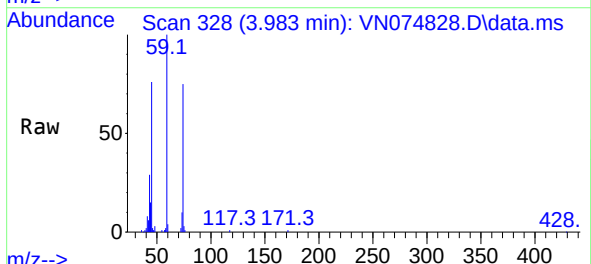
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:101 Resp: 156891  
Ion Ratio Lower Upper  
101 100  
103 67.7 52.0 78.0

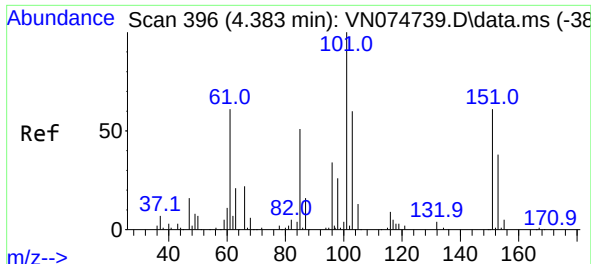


#8  
Diethyl Ether  
Concen: 16.810 ug/l  
RT: 3.983 min Scan# 328  
Delta R.T. 0.006 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Tgt Ion: 74 Resp: 68168  
Ion Ratio Lower Upper  
74 100  
45 102.2 48.2 144.6



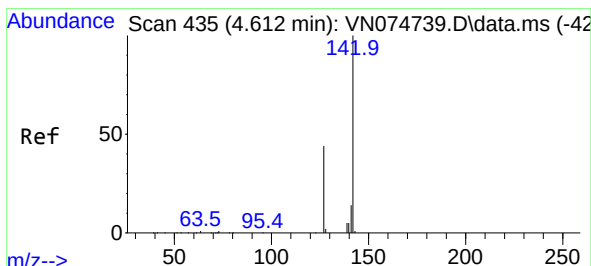
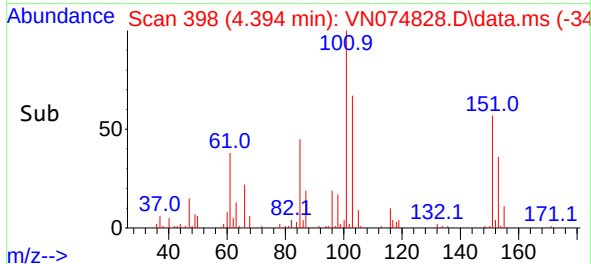
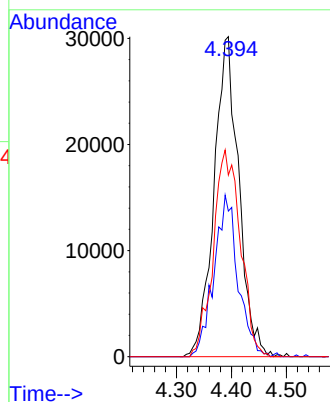
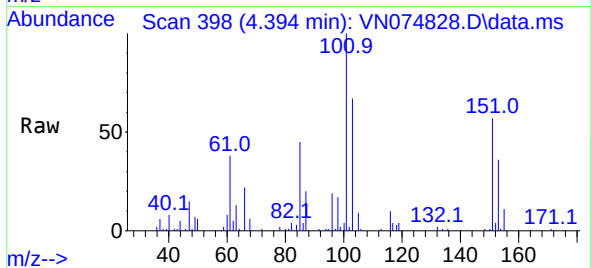




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.755 ug/l  
RT: 4.394 min Scan# 396  
Delta R.T. 0.011 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

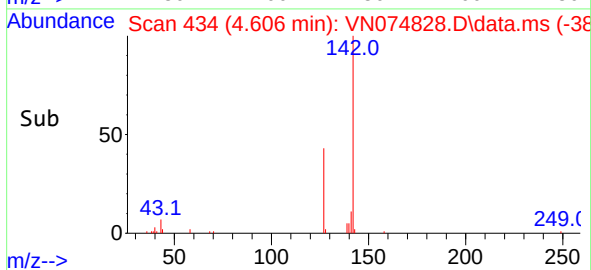
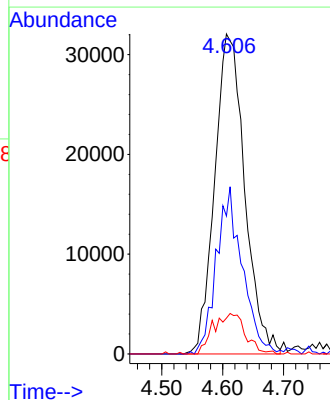
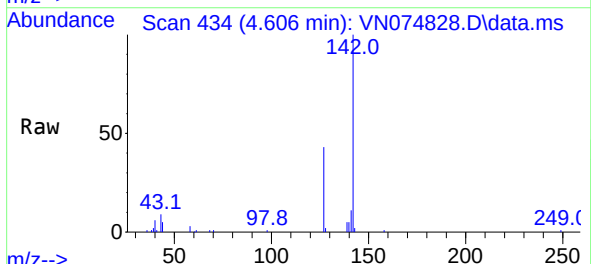
Instrument :  
MSVOA\_N  
ClientSampleId :

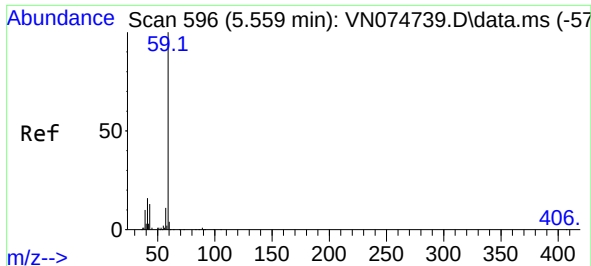
Tgt Ion:101 Resp: 94075  
Ion Ratio Lower Upper  
101 100  
85 49.1 37.4 56.0  
151 71.0 55.0 82.4



#10  
Methyl Iodide  
Concen: 19.070 ug/l  
RT: 4.606 min Scan# 434  
Delta R.T. -0.006 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Tgt Ion:142 Resp: 109815  
Ion Ratio Lower Upper  
142 100  
127 44.8 34.4 51.6  
141 13.5 11.0 16.6





#11

Tert butyl alcohol

Concen: 82.012 ug/l

RT: 5.553 min Scan# 59

Delta R.T. -0.006 min

Lab File: VN074828.D

Acq: 10 Oct 2022 13:26

Instrument :

MSVOA\_N

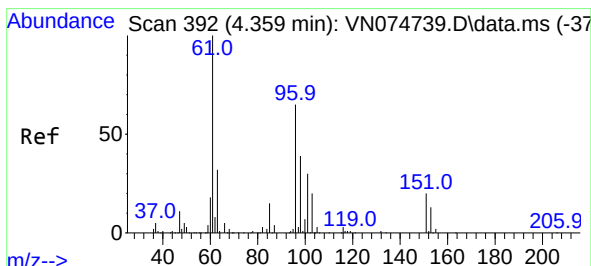
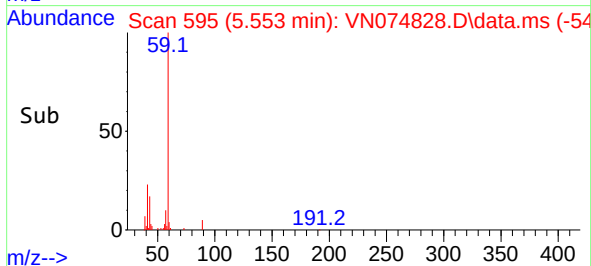
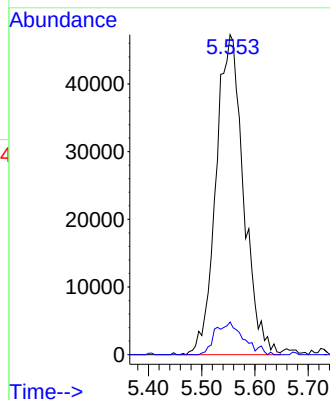
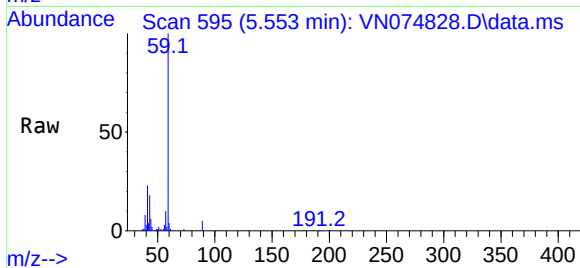
ClientSampleId :

Tgt Ion: 59 Resp: 169992

Ion Ratio Lower Upper

59 100

57 10.5 7.7 11.5



#12

1,1-Dichloroethene

Concen: 17.770 ug/l

RT: 4.359 min Scan# 392

Delta R.T. -0.000 min

Lab File: VN074828.D

Acq: 10 Oct 2022 13:26

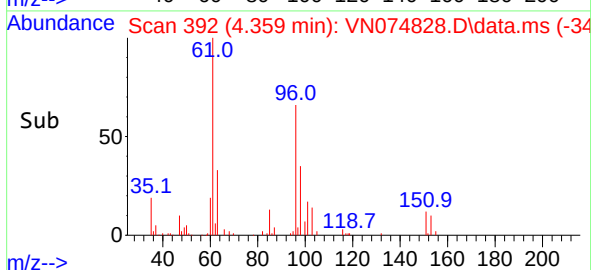
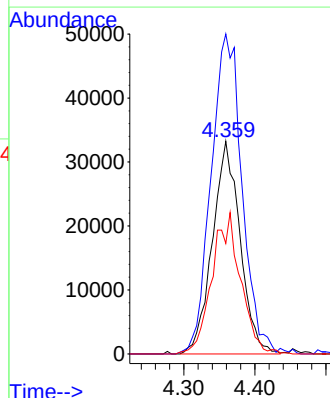
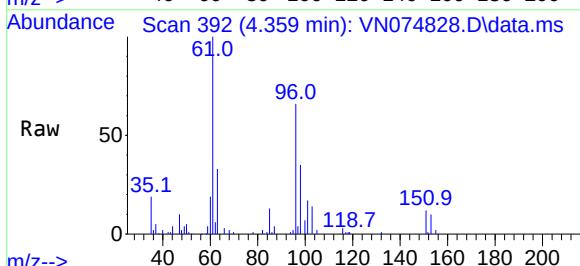
Tgt Ion: 96 Resp: 90082

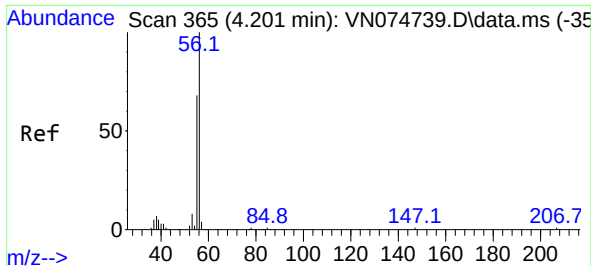
Ion Ratio Lower Upper

96 100

61 149.8 123.9 185.9

98 51.5 48.8 73.2

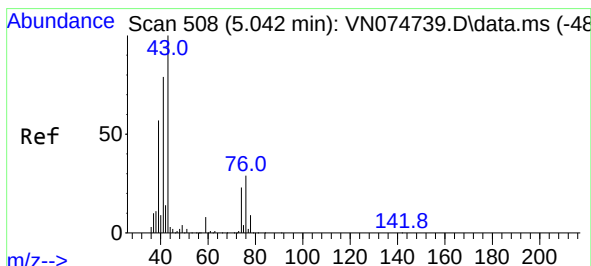
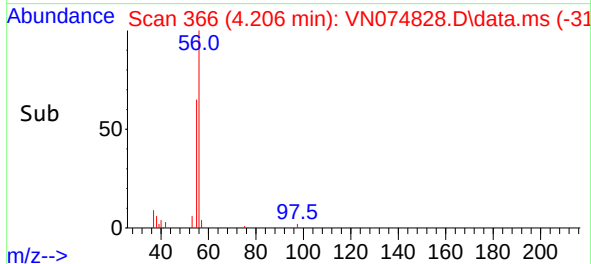
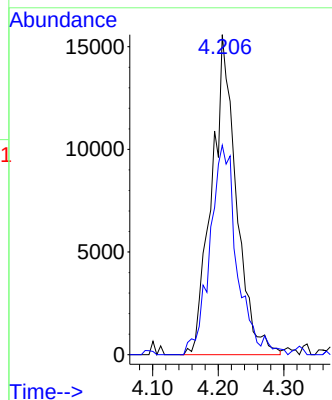
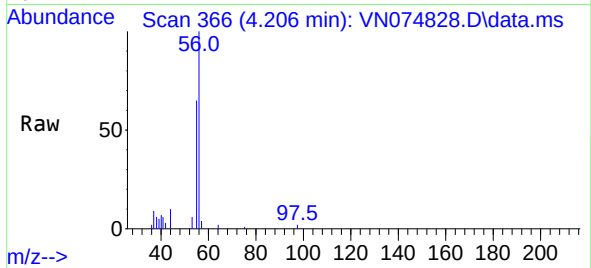




#13  
Acrolein  
Concen: 69.482 ug/l  
RT: 4.206 min Scan# 365  
Delta R.T. 0.005 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

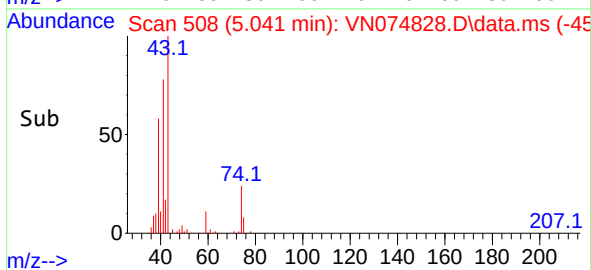
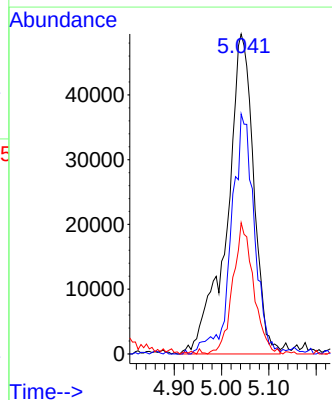
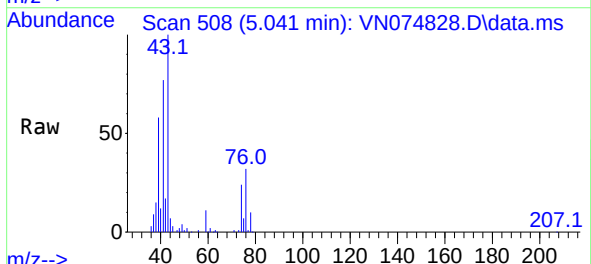
Instrument :  
MSVOA\_N  
ClientSampleId :

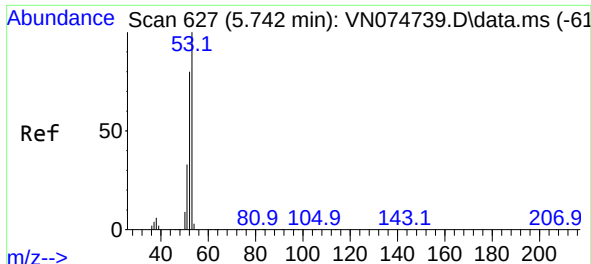
Tgt Ion: 56 Resp: 40862  
Ion Ratio Lower Upper  
56 100  
55 69.4 54.9 82.3



#14  
Allyl chloride  
Concen: 18.638 ug/l  
RT: 5.041 min Scan# 508  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

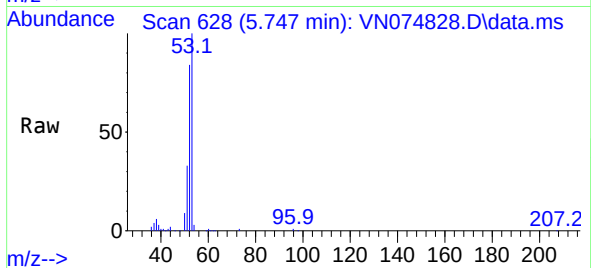
Tgt Ion: 41 Resp: 194177  
Ion Ratio Lower Upper  
41 100  
39 64.1 50.2 75.2  
76 31.8 25.6 38.4



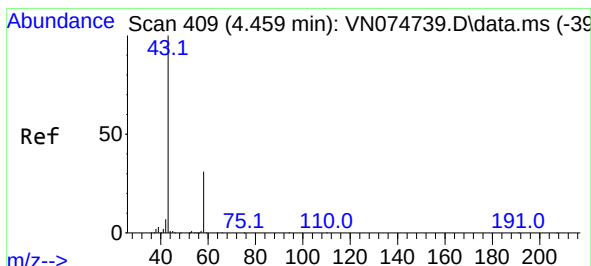
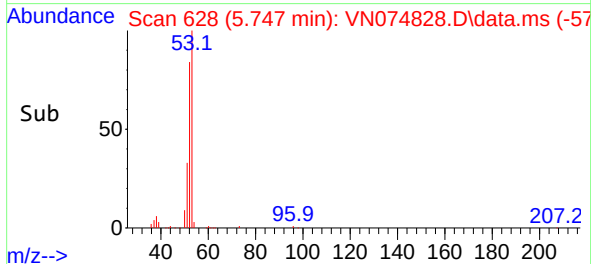
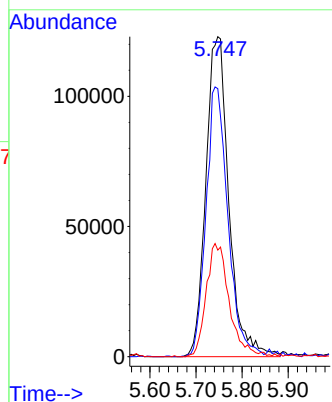


#15  
Acrylonitrile  
Concen: 94.299 ug/l  
RT: 5.747 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Instrument :  
MSVOA\_N  
ClientSampleId :

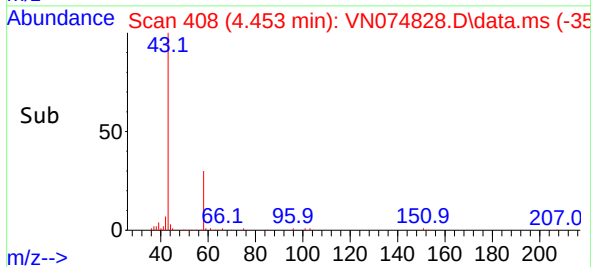
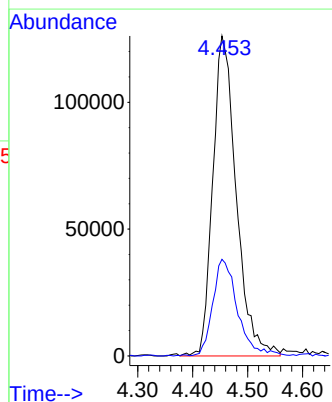
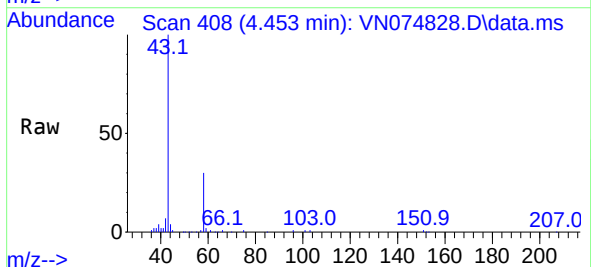


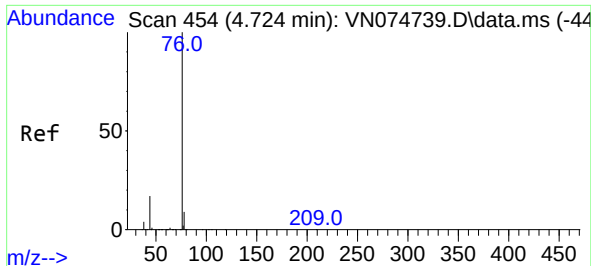
Tgt Ion: 53 Resp: 426314  
Ion Ratio Lower Upper  
53 100  
52 80.5 64.3 96.5  
51 35.1 27.5 41.3



#16  
Acetone  
Concen: 106.794 ug/l  
RT: 4.453 min Scan# 408  
Delta R.T. -0.006 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Tgt Ion: 43 Resp: 374547  
Ion Ratio Lower Upper  
43 100  
58 30.0 24.9 37.3

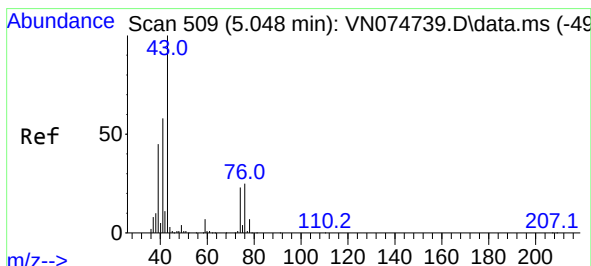
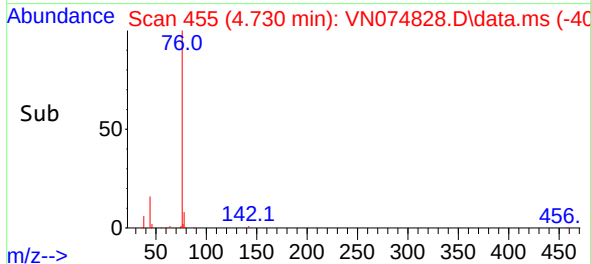
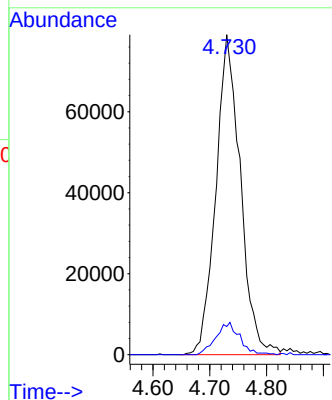
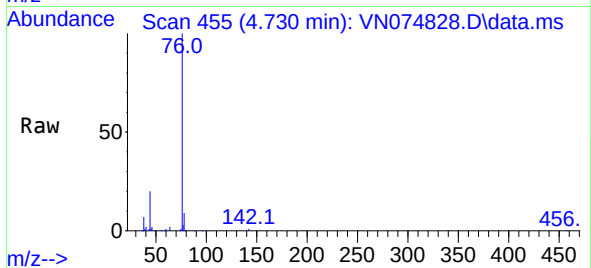




#17  
Carbon Disulfide  
Concen: 17.072 ug/l  
RT: 4.730 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

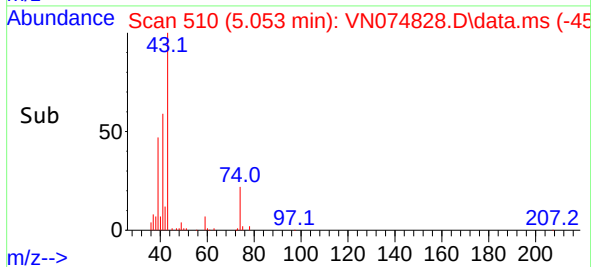
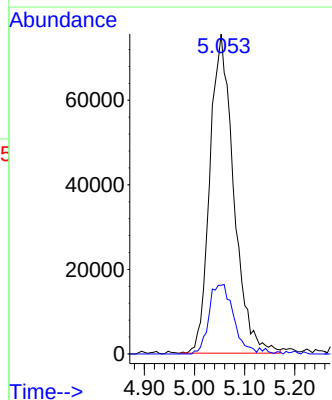
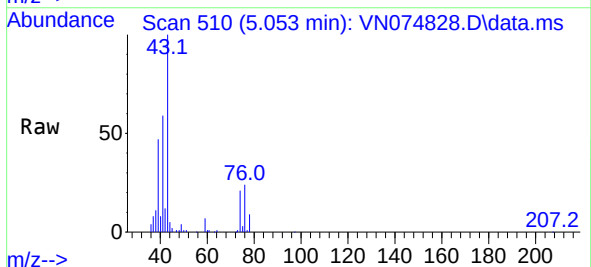
Instrument :  
MSVOA\_N  
ClientSampleId :

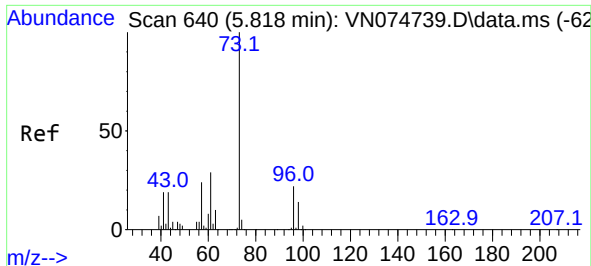
Tgt Ion: 76 Resp: 236499  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.5 11.3



#18  
Methyl Acetate  
Concen: 19.263 ug/l  
RT: 5.053 min Scan# 510  
Delta R.T. 0.006 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

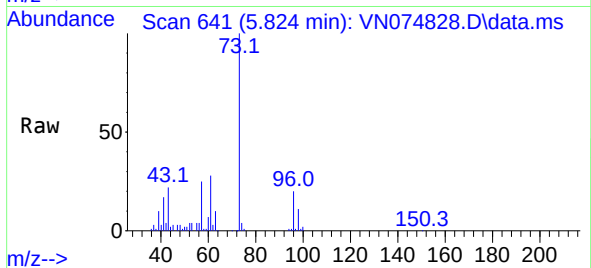
Tgt Ion: 43 Resp: 250124  
Ion Ratio Lower Upper  
43 100  
74 22.2 18.5 27.7



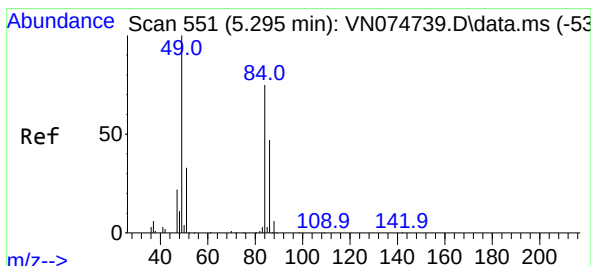
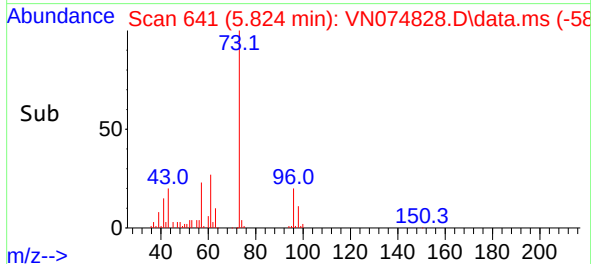
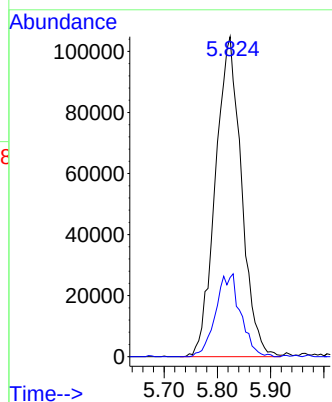


#19  
Methyl tert-butyl Ether  
Concen: 18.005 ug/l  
RT: 5.824 min Scan# 641  
Delta R.T. 0.006 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Instrument :  
MSVOA\_N  
ClientSampleId :

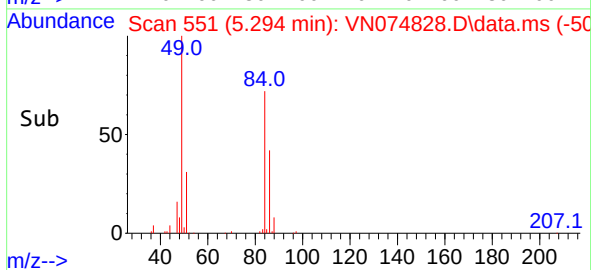
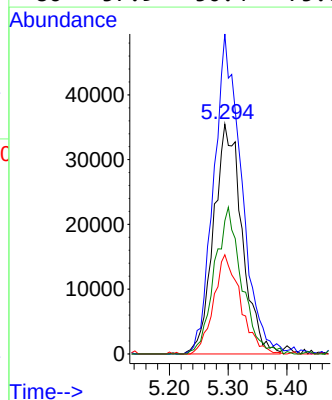
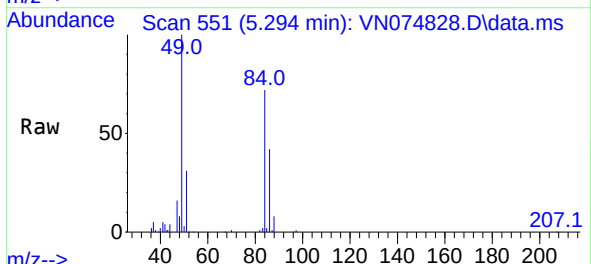


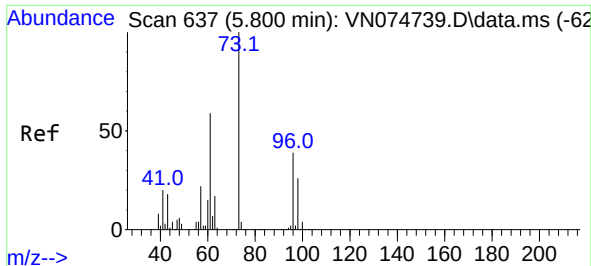
Tgt Ion: 73 Resp: 355082  
Ion Ratio Lower Upper  
73 100  
57 24.7 19.0 28.4



#20  
Methylene Chloride  
Concen: 19.946 ug/l  
RT: 5.294 min Scan# 551  
Delta R.T. -0.001 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Tgt Ion: 84 Resp: 118747  
Ion Ratio Lower Upper  
84 100  
49 139.2 107.4 161.0  
51 43.1 35.1 52.7  
86 57.9 50.4 75.6

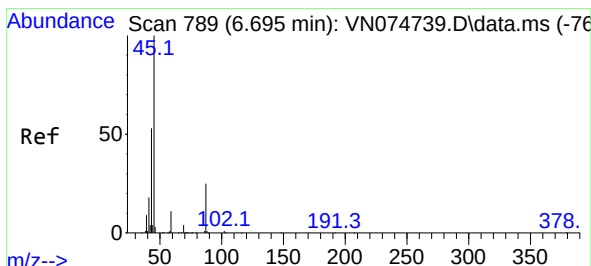
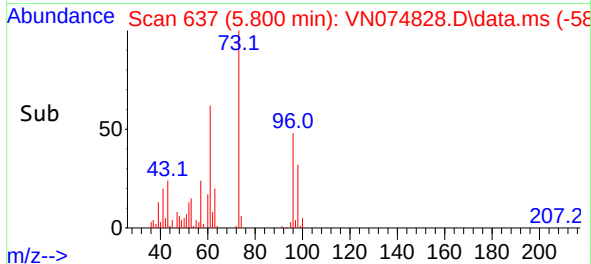
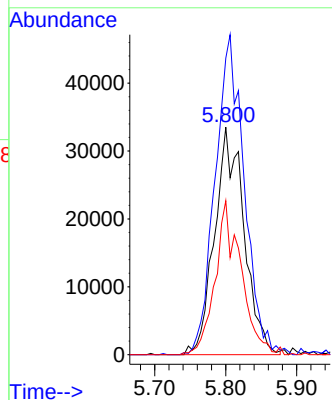
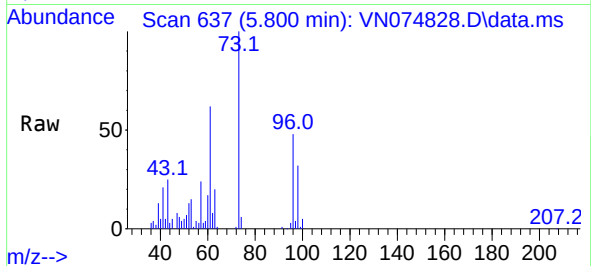




#21  
trans-1,2-Dichloroethene  
Concen: 17.775 ug/l  
RT: 5.800 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

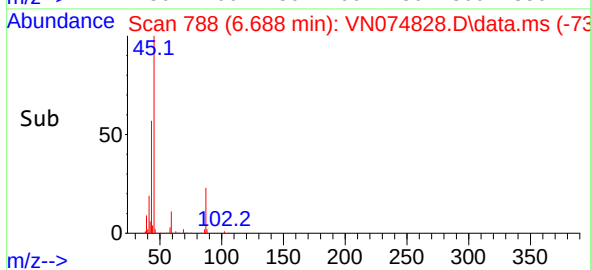
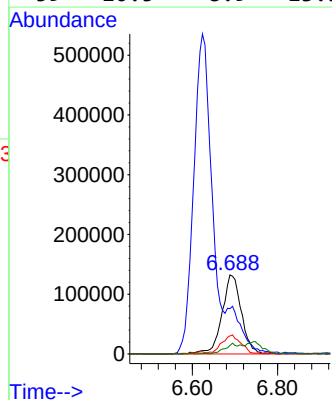
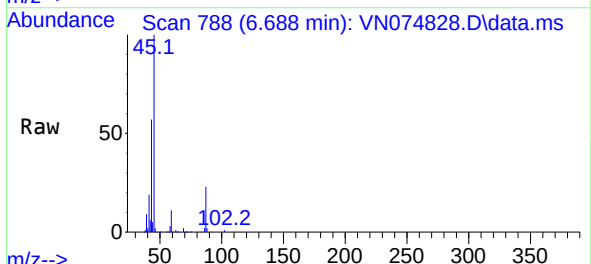
Instrument :  
MSVOA\_N  
ClientSampleId :

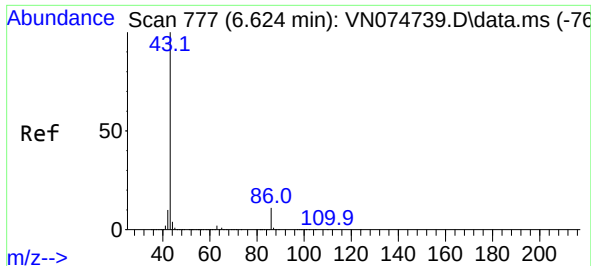
Tgt Ion: 96 Resp: 96384  
Ion Ratio Lower Upper  
96 100  
61 130.3 121.5 182.3  
98 67.7 53.8 80.8



#22  
Diisopropyl ether  
Concen: 18.918 ug/l  
RT: 6.688 min Scan# 788  
Delta R.T. -0.006 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

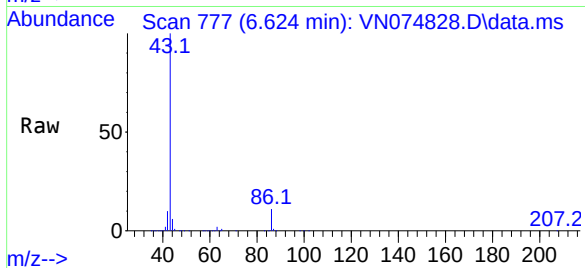
Tgt Ion: 45 Resp: 418624  
Ion Ratio Lower Upper  
45 100  
43 56.3 42.7 64.1  
87 22.9 19.6 29.4  
59 10.5 8.9 13.3



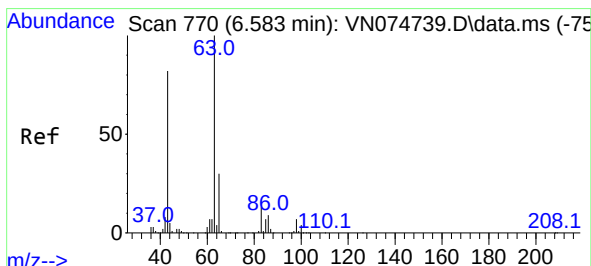
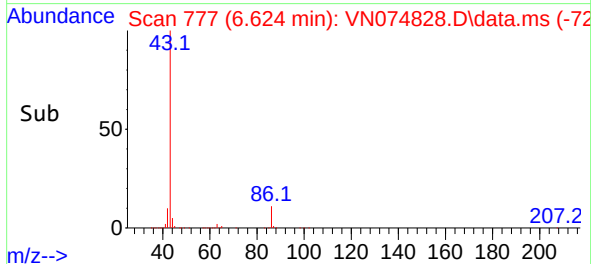
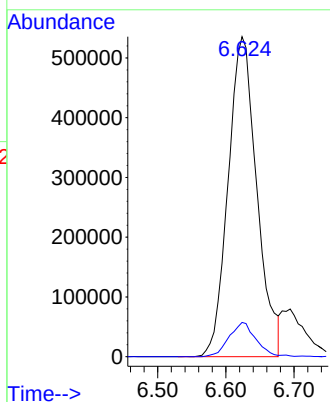


#23  
 Vinyl Acetate  
 Concen: 86.367 ug/l  
 RT: 6.624 min Scan# 71  
 Delta R.T. -0.000 min  
 Lab File: VN074828.D  
 Acq: 10 Oct 2022 13:26

Instrument :  
 MSVOA\_N  
 ClientSampleId :

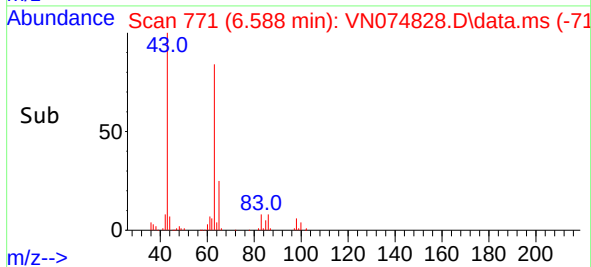
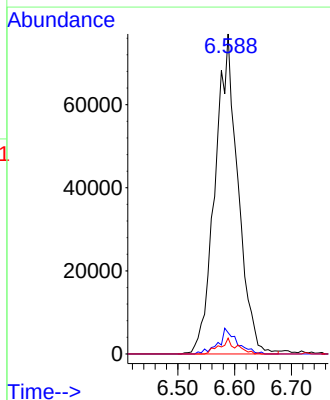
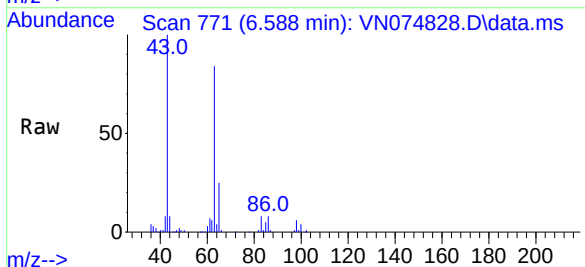


Tgt Ion: 43 Resp: 1569857  
 Ion Ratio Lower Upper  
 43 100  
 86 10.7 8.4 12.6

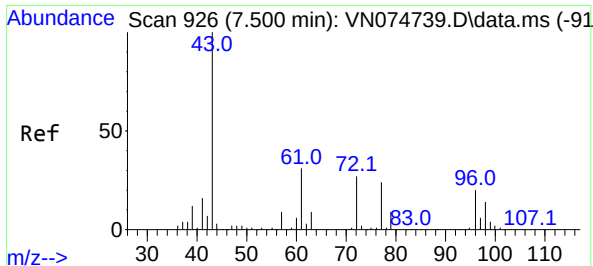


#24  
 1,1-Dichloroethane  
 Concen: 18.991 ug/l  
 RT: 6.588 min Scan# 771  
 Delta R.T. 0.006 min  
 Lab File: VN074828.D  
 Acq: 10 Oct 2022 13:26

Tgt Ion: 63 Resp: 216656  
 Ion Ratio Lower Upper  
 63 100  
 98 6.6 3.5 10.4  
 100 4.9 1.8 5.5



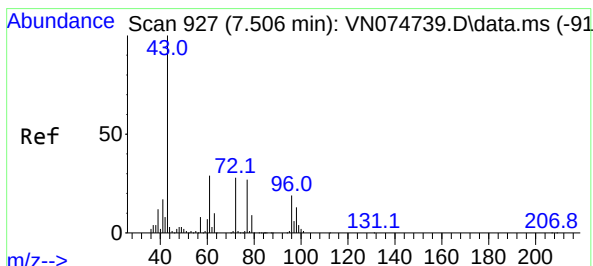
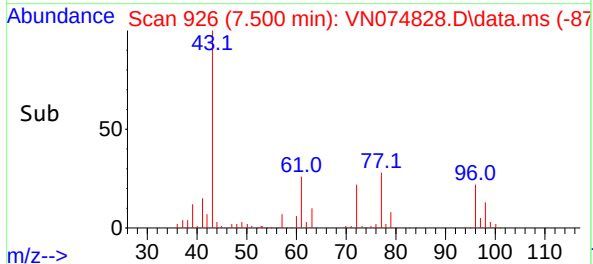
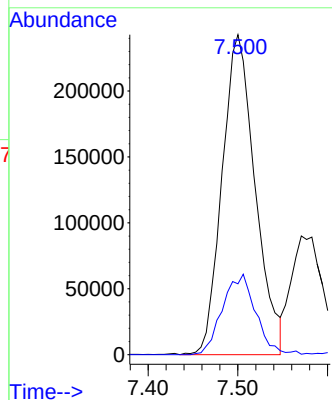
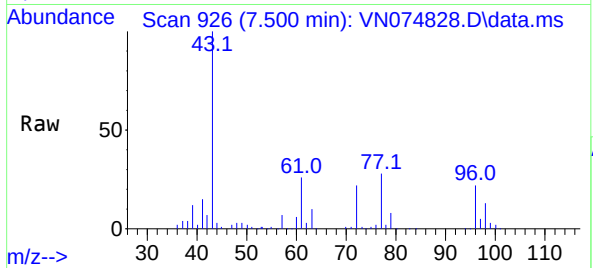




#25  
2-Butanone  
Concen: 97.724 ug/l  
RT: 7.500 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

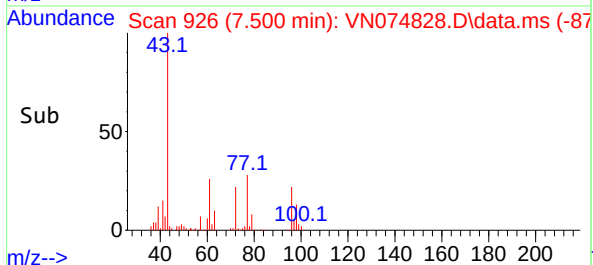
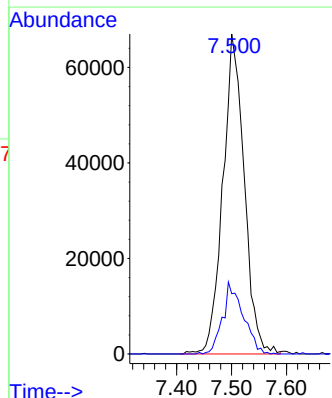
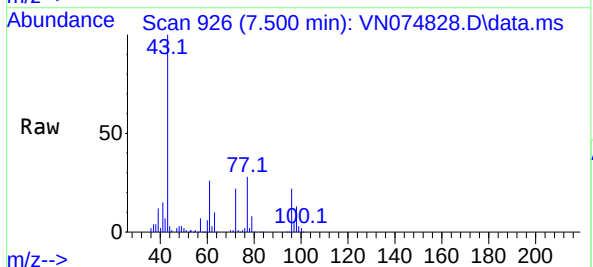
Instrument :  
MSVOA\_N  
ClientSampleId :

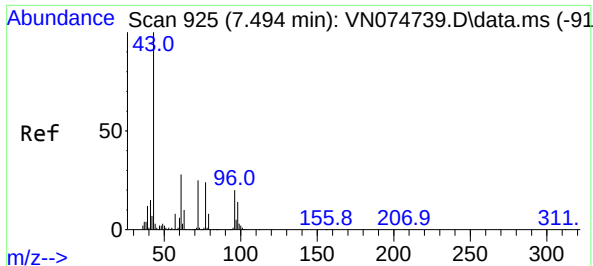
Tgt Ion: 43 Resp: 622023  
Ion Ratio Lower Upper  
43 100  
72 22.2 21.4 32.0



#26  
2,2-Dichloropropane  
Concen: 19.233 ug/l  
RT: 7.500 min Scan# 926  
Delta R.T. -0.006 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

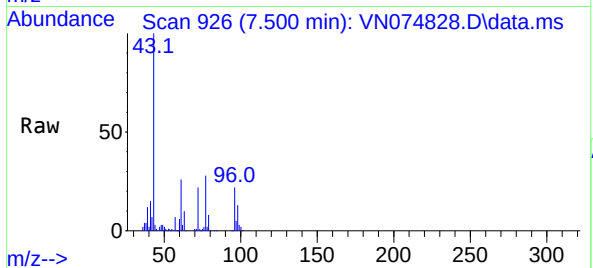
Tgt Ion: 77 Resp: 180973  
Ion Ratio Lower Upper  
77 100  
97 21.6 11.8 35.3



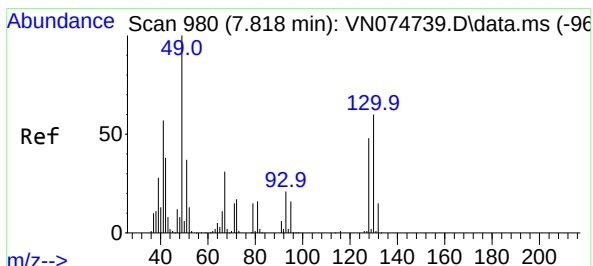
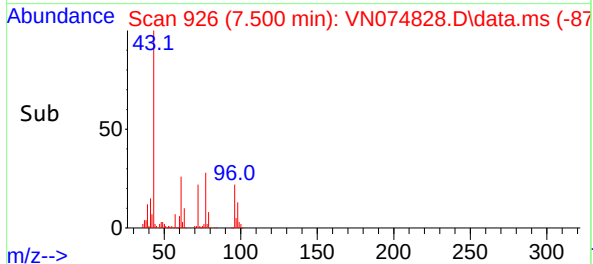
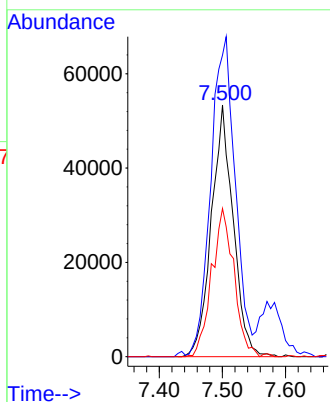


#27  
 cis-1,2-Dichloroethene  
 Concen: 19.876 ug/l  
 RT: 7.500 min Scan# 91  
 Delta R.T. 0.006 min  
 Lab File: VN074828.D  
 Acq: 10 Oct 2022 13:26

Instrument :  
 MSVOA\_N  
 ClientSampleId :

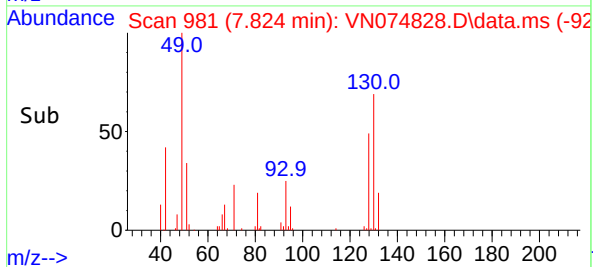
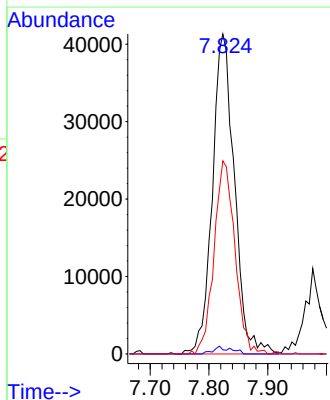
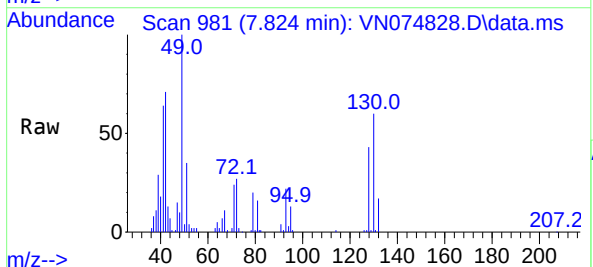


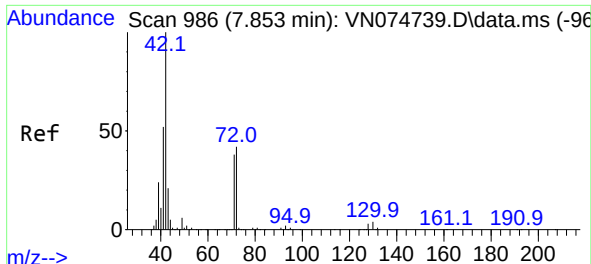
Tgt Ion: 96 Resp: 128301  
 Ion Ratio Lower Upper  
 96 100  
 61 140.4 0.0 303.2  
 98 59.8 0.0 131.0



#28  
 Bromochloromethane  
 Concen: 20.886 ug/l  
 RT: 7.824 min Scan# 981  
 Delta R.T. 0.006 min  
 Lab File: VN074828.D  
 Acq: 10 Oct 2022 13:26

Tgt Ion: 49 Resp: 107511  
 Ion Ratio Lower Upper  
 49 100  
 129 1.2 0.0 3.4  
 130 57.3 49.0 73.4

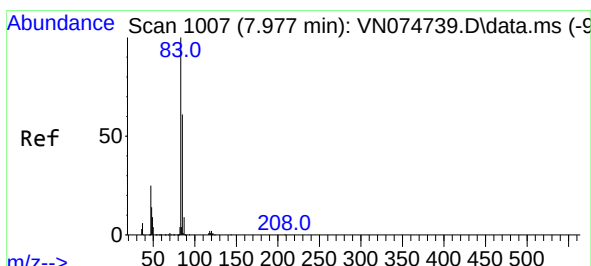
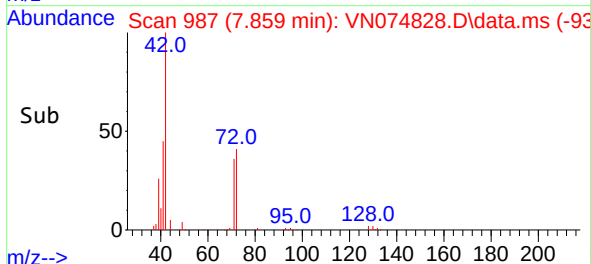
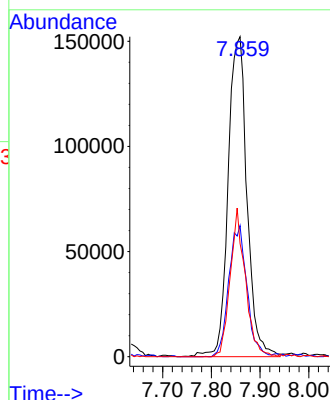
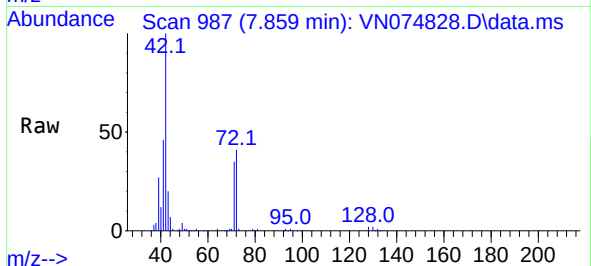




#29  
Tetrahydrofuran  
Concen: 92.278 ug/l  
RT: 7.859 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

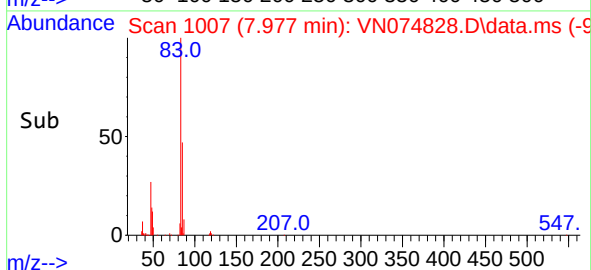
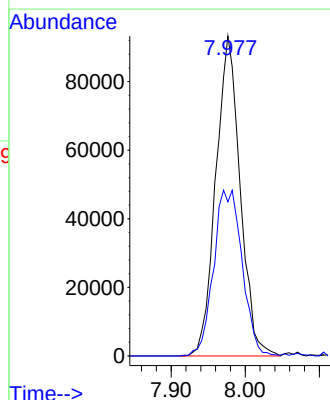
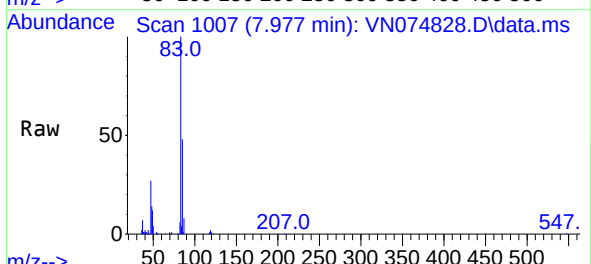
Instrument :  
MSVOA\_N  
ClientSampleId :

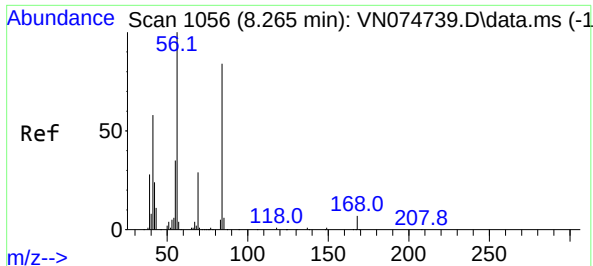
Tgt Ion: 42 Resp: 409361  
Ion Ratio Lower Upper  
42 100  
72 39.4 33.0 49.6  
71 37.5 30.4 45.6



#30  
Chloroform  
Concen: 20.388 ug/l  
RT: 7.977 min Scan# 1007  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

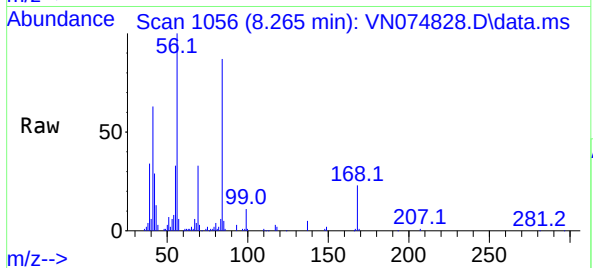
Tgt Ion: 83 Resp: 213047  
Ion Ratio Lower Upper  
83 100  
85 48.1 49.0 73.4#



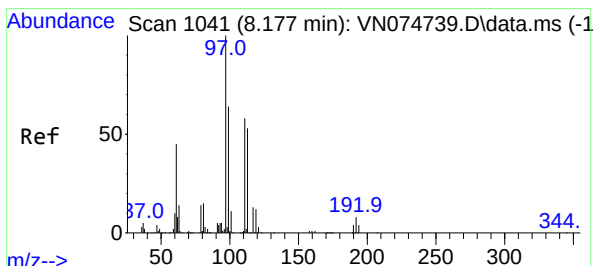
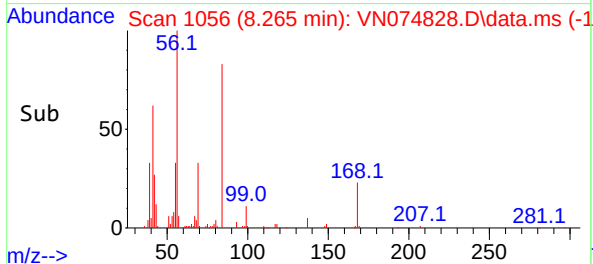
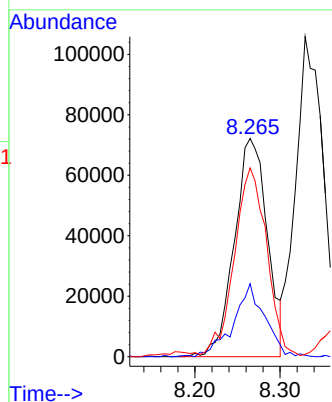


#31  
Cyclohexane  
Concen: 18.099 ug/l  
RT: 8.265 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Instrument :  
MSVOA\_N  
ClientSampleId :

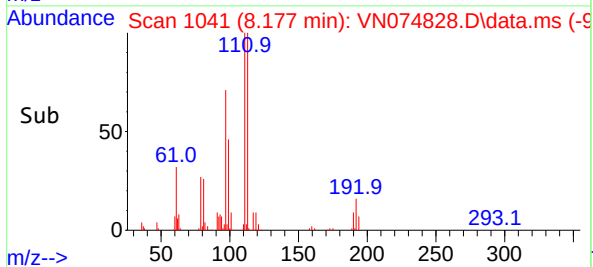
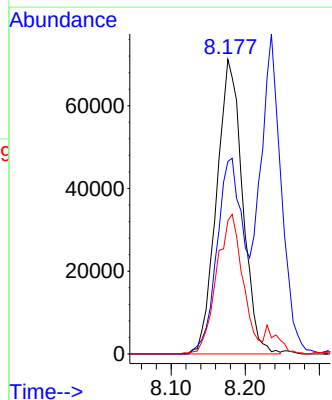
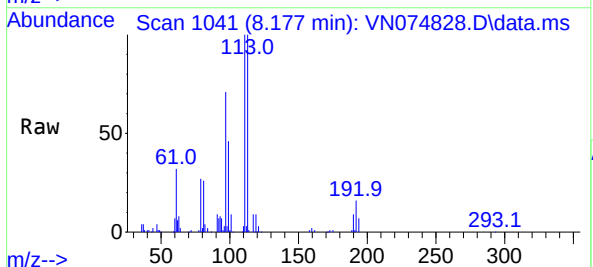


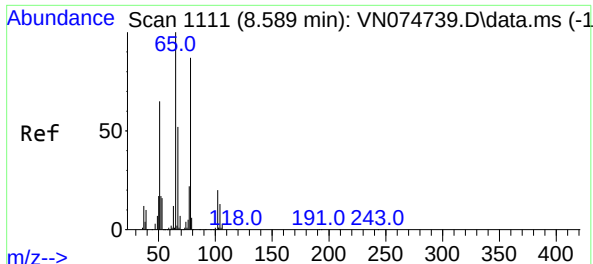
Tgt Ion: 56 Resp: 193595  
Ion Ratio Lower Upper  
56 100  
69 33.1 23.1 34.7  
84 84.3 67.1 100.7



#32  
1,1,1-Trichloroethane  
Concen: 19.450 ug/l  
RT: 8.177 min Scan# 1041  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Tgt Ion: 97 Resp: 173239  
Ion Ratio Lower Upper  
97 100  
99 67.6 50.7 76.1  
61 48.3 39.9 59.9

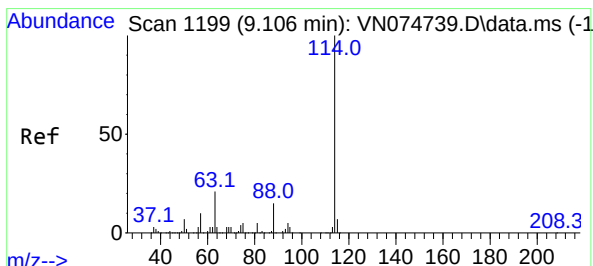
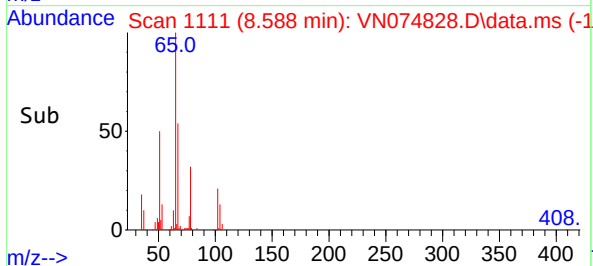
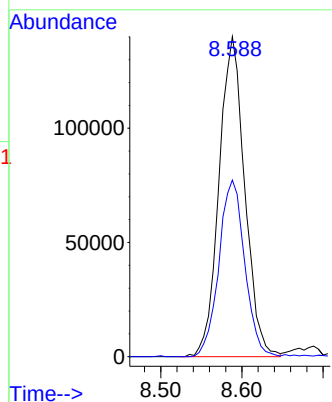
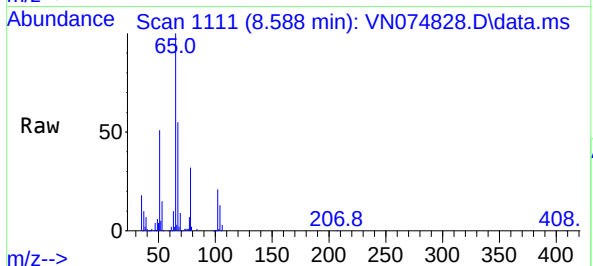




#33  
1,2-Dichloroethane-d4  
Concen: 49.839 ug/l  
RT: 8.588 min Scan# 1111  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

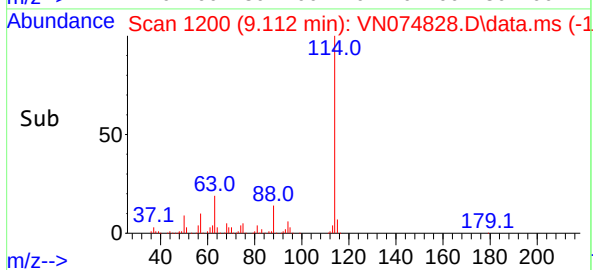
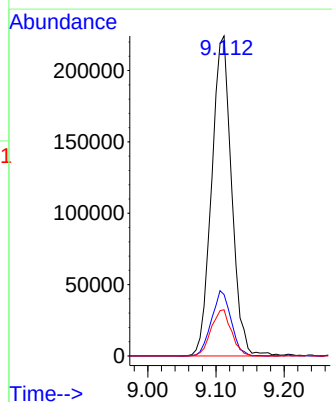
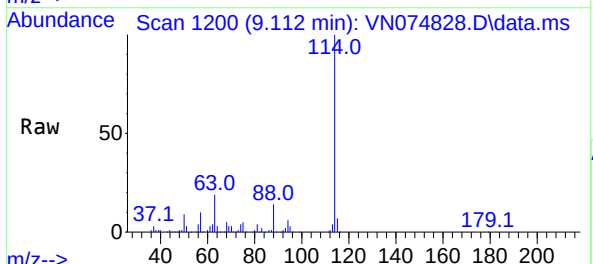
Instrument :  
MSVOA\_N  
ClientSampleId :

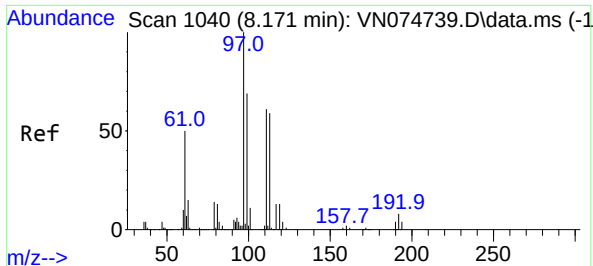
Tgt Ion: 65 Resp: 308441  
Ion Ratio Lower Upper  
65 100  
67 55.3 0.0 109.0



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.112 min Scan# 1200  
Delta R.T. 0.006 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Tgt Ion: 114 Resp: 456993  
Ion Ratio Lower Upper  
114 100  
63 19.2 0.0 41.2  
88 14.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 52.273 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN074828.D

Acq: 10 Oct 2022 13:26

Instrument :

MSVOA\_N

ClientSampleId :

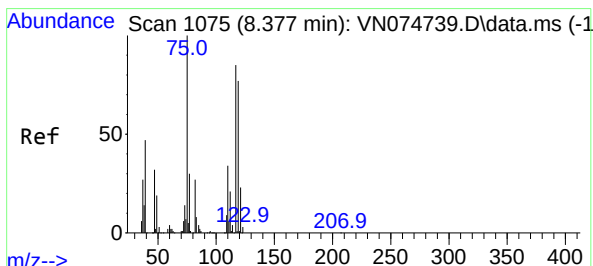
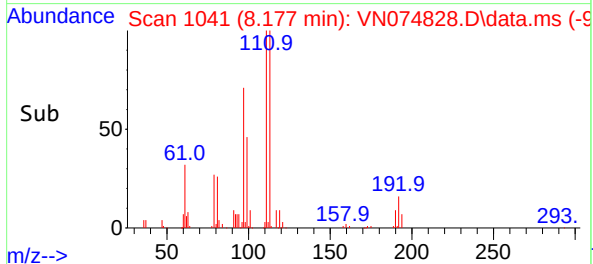
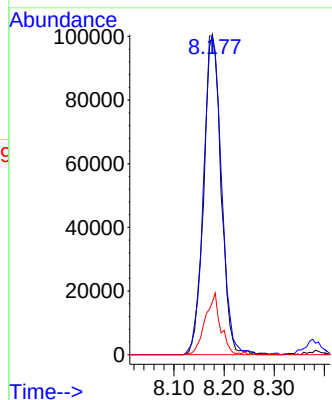
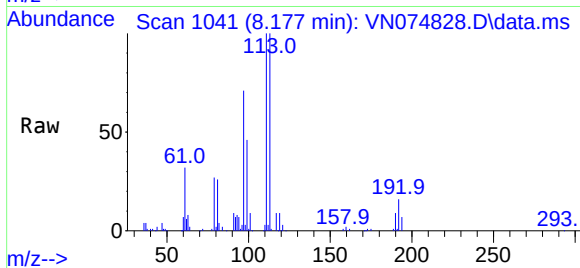
Tgt Ion:113 Resp: 241360

Ion Ratio Lower Upper

113 100

111 104.0 83.0 124.6

192 17.0 12.6 18.8



#36

1,1-Dichloropropene

Concen: 19.827 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN074828.D

Acq: 10 Oct 2022 13:26

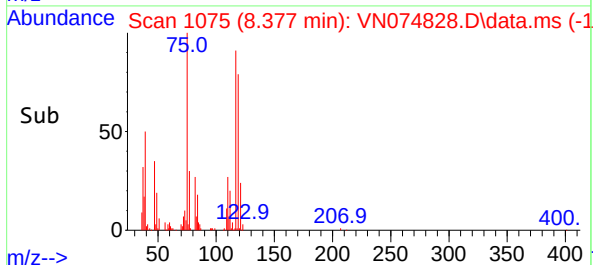
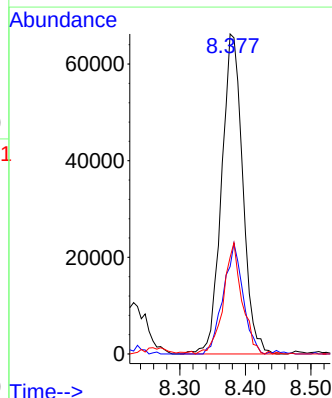
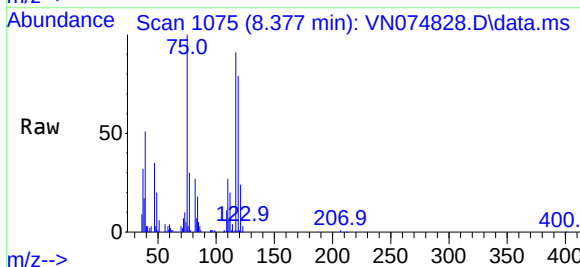
Tgt Ion: 75 Resp: 148173

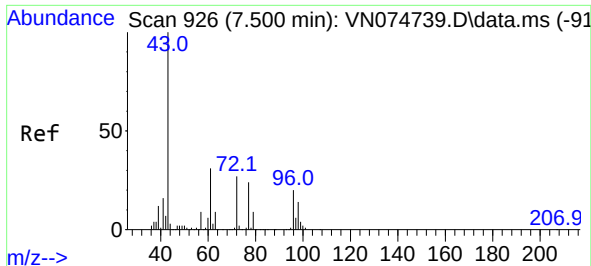
Ion Ratio Lower Upper

75 100

110 32.5 17.2 51.5

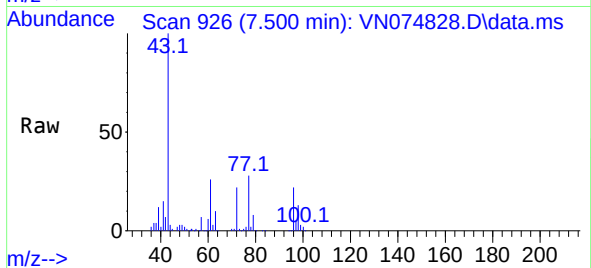
77 30.6 24.3 36.5



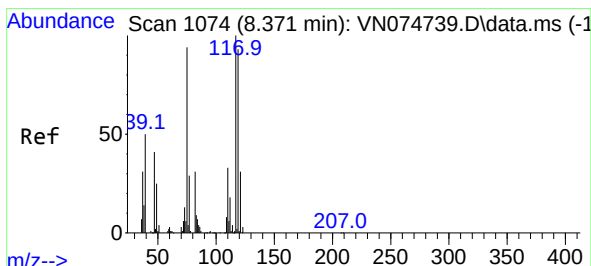
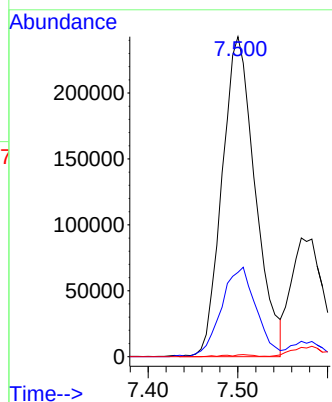
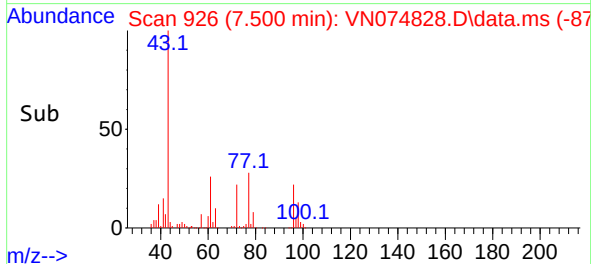


#37  
Ethyl Acetate  
Concen: 20.750 ug/l  
RT: 7.500 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Instrument :  
MSVOA\_N  
ClientSampleId :

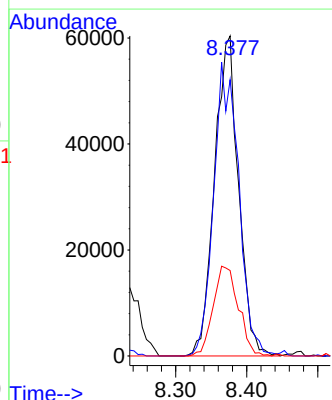
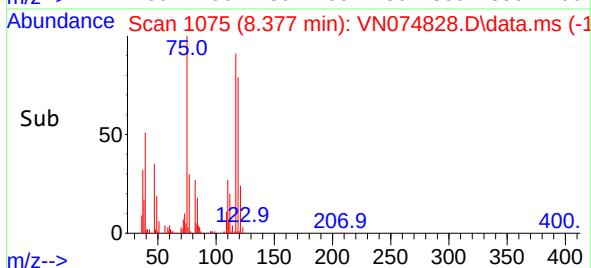
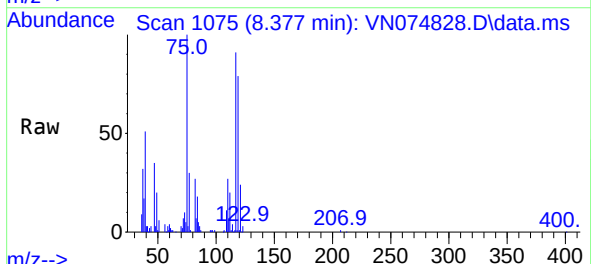


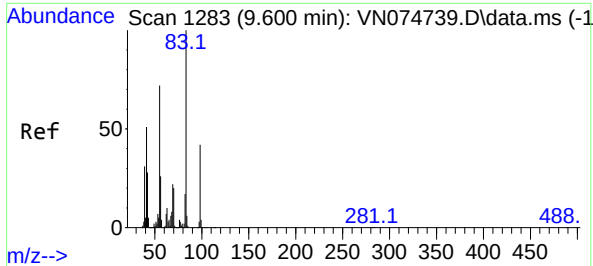
Tgt Ion: 43 Resp: 622023  
Ion Ratio Lower Upper  
43 100  
61 29.0 4.3 6.5#  
70 0.6 3.0 4.4#



#38  
Carbon Tetrachloride  
Concen: 20.080 ug/l  
RT: 8.377 min Scan# 1075  
Delta R.T. 0.006 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Tgt Ion: 117 Resp: 141516  
Ion Ratio Lower Upper  
117 100  
119 86.3 74.3 111.5  
121 26.7 25.0 37.4

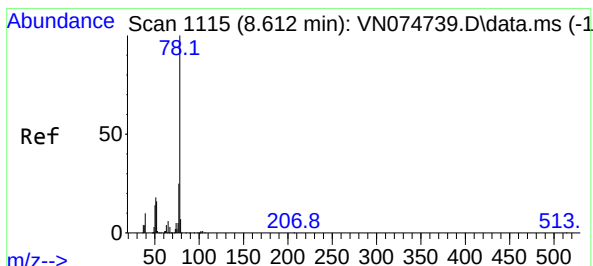
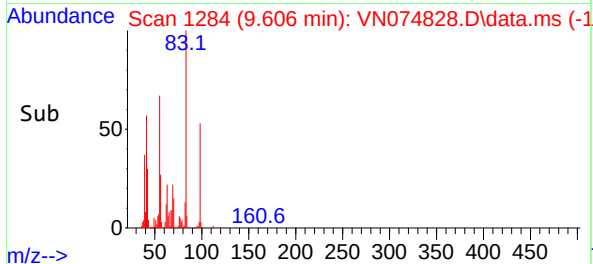
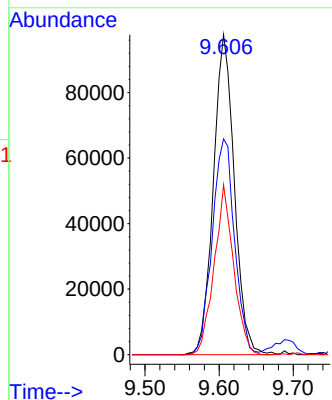
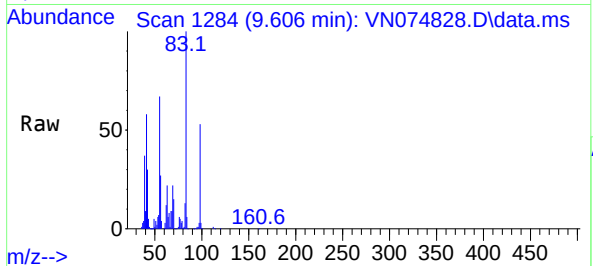




#39  
Methylcyclohexane  
Concen: 19.814 ug/l  
RT: 9.606 min Scan# 1115  
Delta R.T. 0.006 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

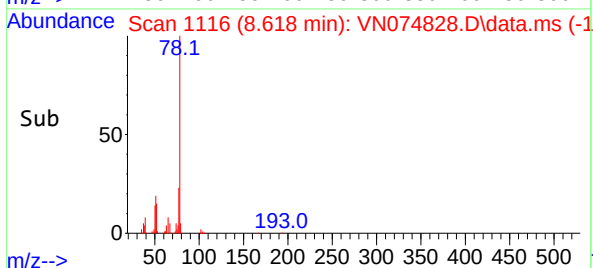
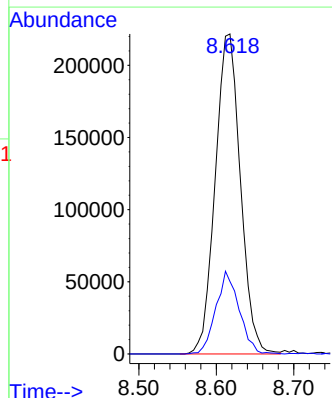
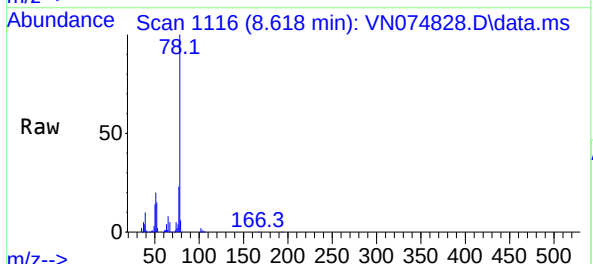
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 83 Resp: 191829  
Ion Ratio Lower Upper  
83 100  
55 67.5 57.3 85.9  
98 53.1 33.4 50.2#

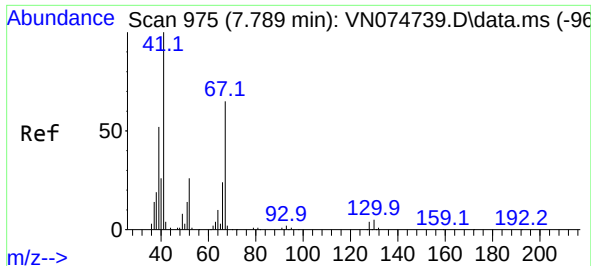


#40  
Benzene  
Concen: 20.747 ug/l  
RT: 8.618 min Scan# 1116  
Delta R.T. 0.006 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Tgt Ion: 78 Resp: 501952  
Ion Ratio Lower Upper  
78 100  
77 22.7 20.1 30.1

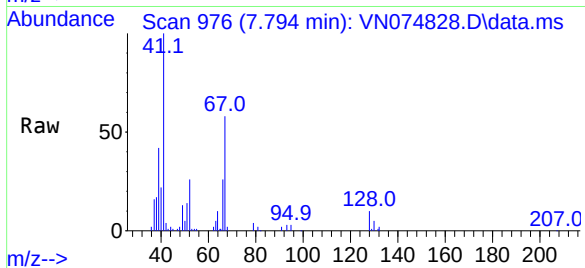




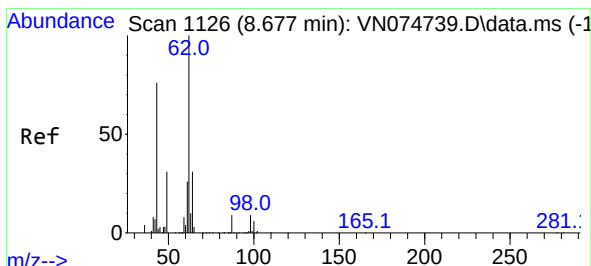
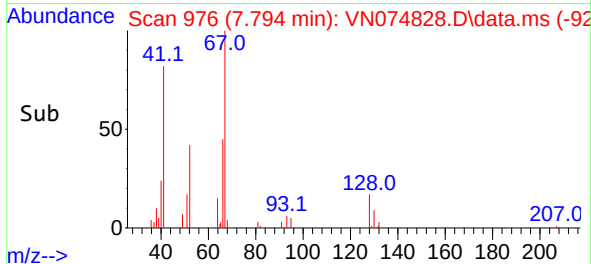
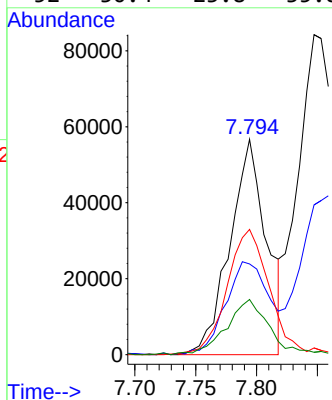


#41  
Methacrylonitrile  
Concen: 20.054 ug/l  
RT: 7.794 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Instrument :  
MSVOA\_N  
ClientSampleId :

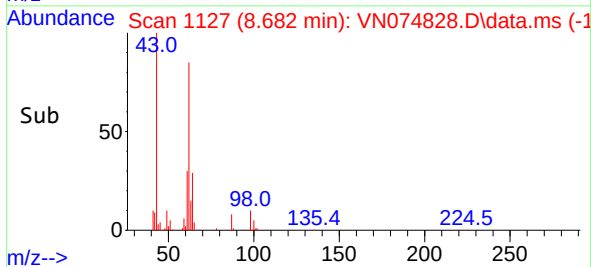
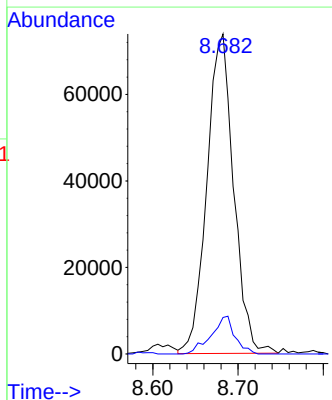
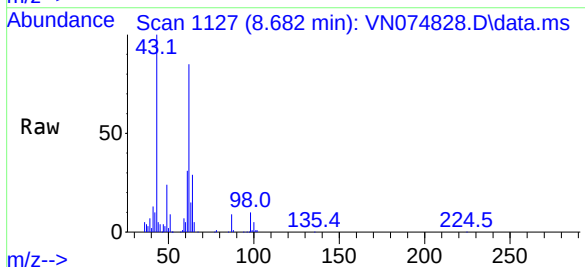


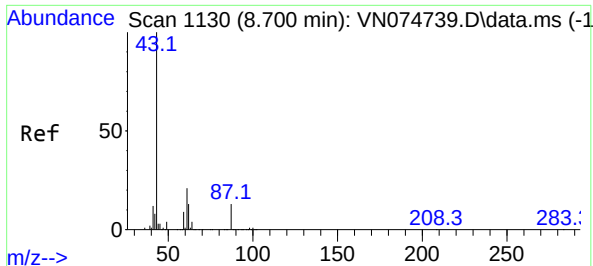
Tgt Ion: 41 Resp: 118428  
Ion Ratio Lower Upper  
41 100  
39 51.1 43.3 64.9  
67 68.3 60.2 90.2  
52 30.4 23.8 35.8



#42  
1,2-Dichloroethane  
Concen: 21.262 ug/l  
RT: 8.682 min Scan# 1127  
Delta R.T. 0.006 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Tgt Ion: 62 Resp: 161471  
Ion Ratio Lower Upper  
62 100  
98 10.5 0.0 19.4

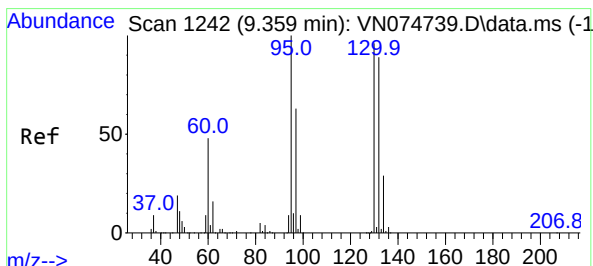
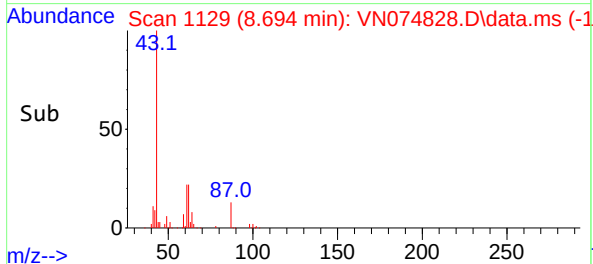
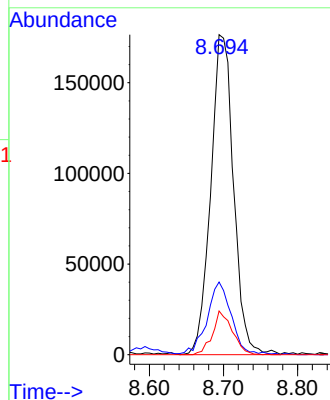
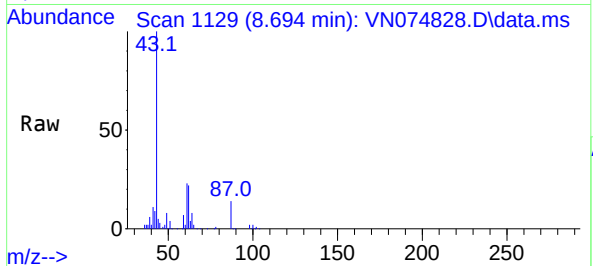




#43  
Isopropyl Acetate  
Concen: 20.394 ug/l  
RT: 8.694 min Scan# 1130  
Delta R.T. -0.006 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

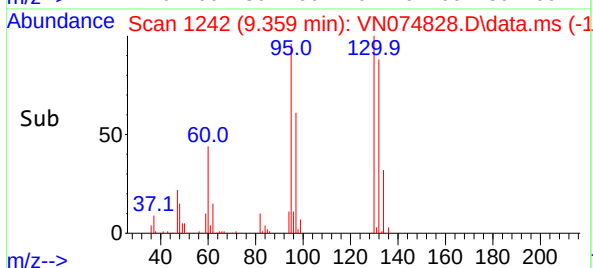
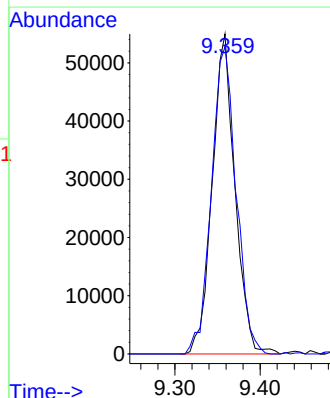
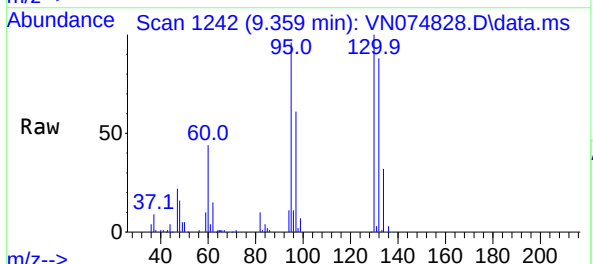
Instrument :  
MSVOA\_N  
ClientSampleId :

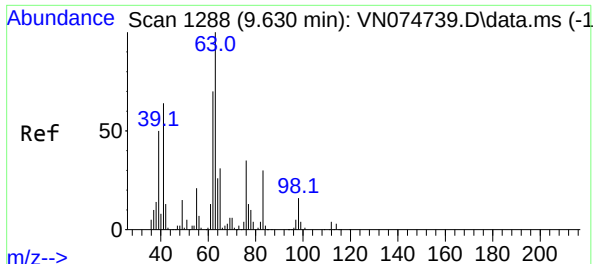
Tgt Ion: 43 Resp: 377795  
Ion Ratio Lower Upper  
43 100  
61 24.3 19.4 29.0  
87 11.8 10.1 15.1



#44  
Trichloroethene  
Concen: 20.124 ug/l  
RT: 9.359 min Scan# 1242  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Tgt Ion:130 Resp: 101405  
Ion Ratio Lower Upper  
130 100  
95 96.1 0.0 207.6





#45

1,2-Dichloropropane

Concen: 20.386 ug/l

RT: 9.623 min Scan# 1288

Delta R.T. -0.006 min

Lab File: VN074828.D

Acq: 10 Oct 2022 13:26

Instrument :

MSVOA\_N

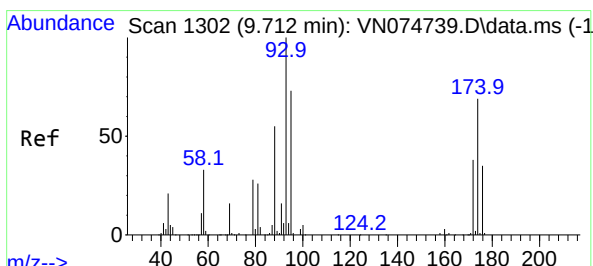
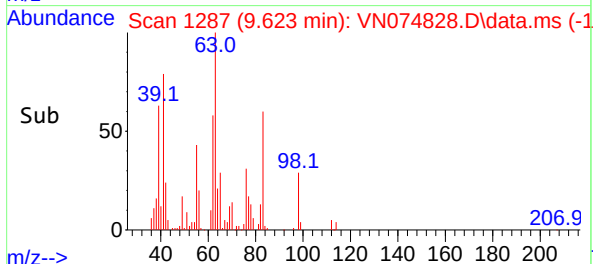
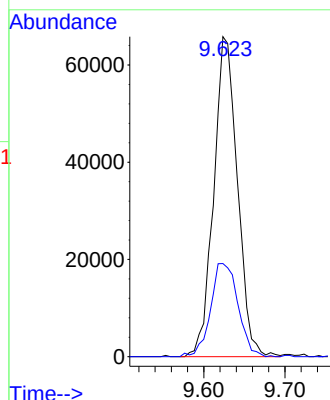
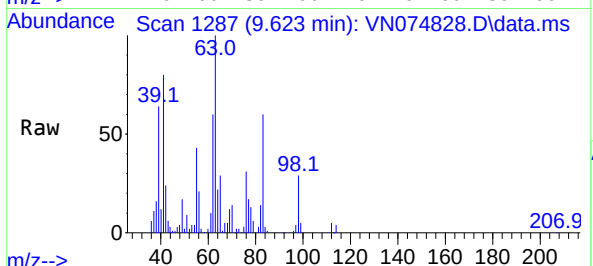
ClientSampleId :

Tgt Ion: 63 Resp: 133547

Ion Ratio Lower Upper

63 100

65 29.1 24.5 36.7



#46

Dibromomethane

Concen: 21.675 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN074828.D

Acq: 10 Oct 2022 13:26

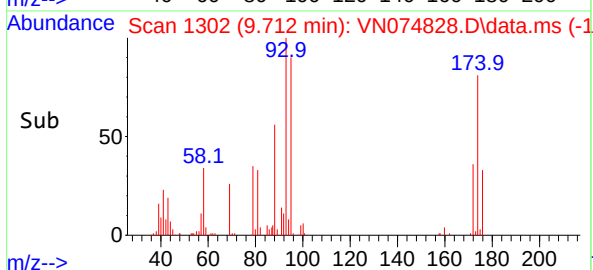
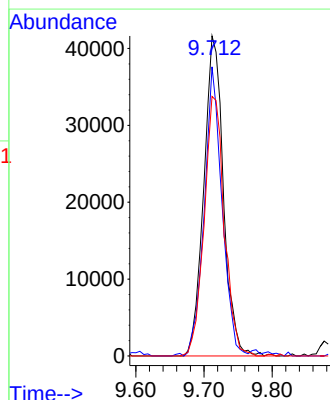
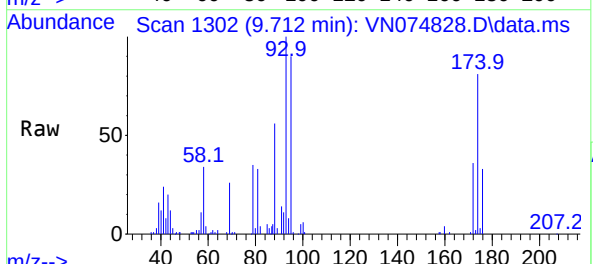
Tgt Ion: 93 Resp: 83320

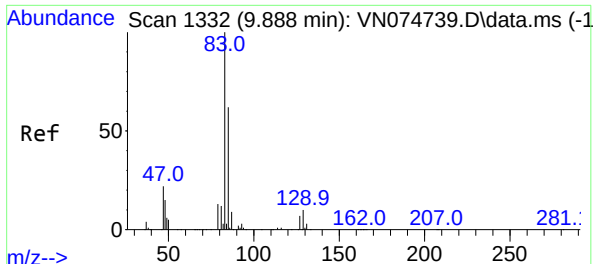
Ion Ratio Lower Upper

93 100

95 82.2 63.4 95.2

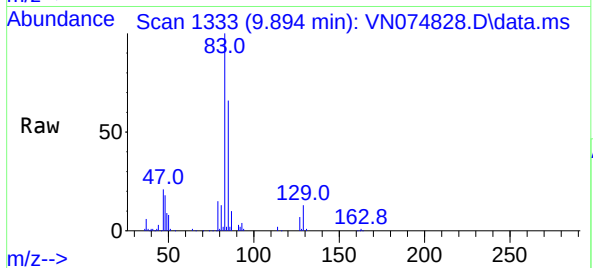
174 83.3 60.5 90.7



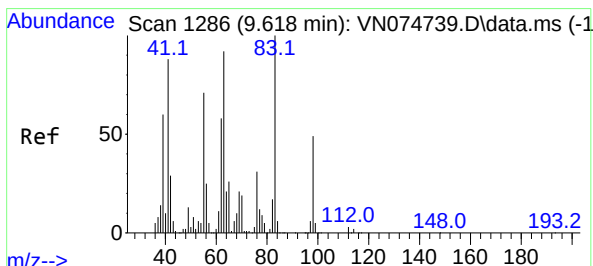
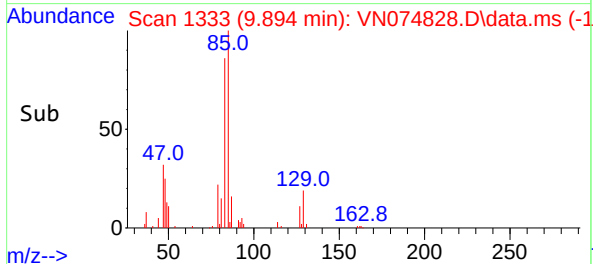
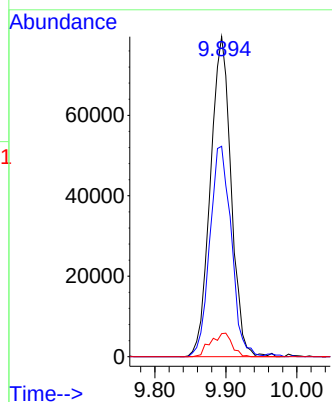


#47  
Bromodichloromethane  
Concen: 20.508 ug/l  
RT: 9.894 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Instrument :  
MSVOA\_N  
ClientSampleId :

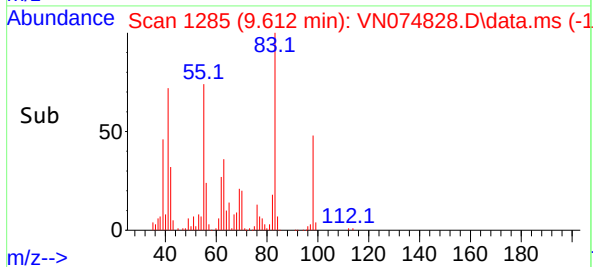
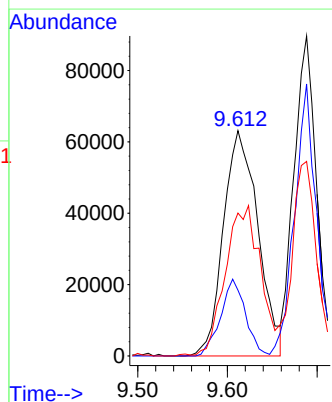
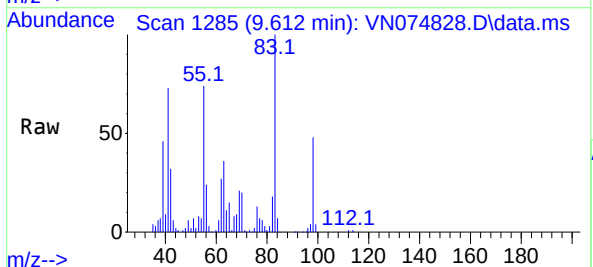


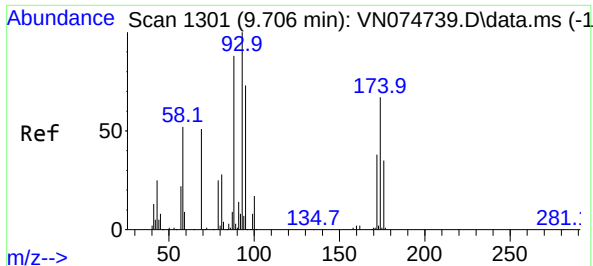
Tgt Ion: 83 Resp: 161067  
Ion Ratio Lower Upper  
83 100  
85 65.7 49.7 74.5  
127 7.2 5.8 8.8



#48  
Methyl methacrylate  
Concen: 22.235 ug/l  
RT: 9.612 min Scan# 1285  
Delta R.T. -0.006 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

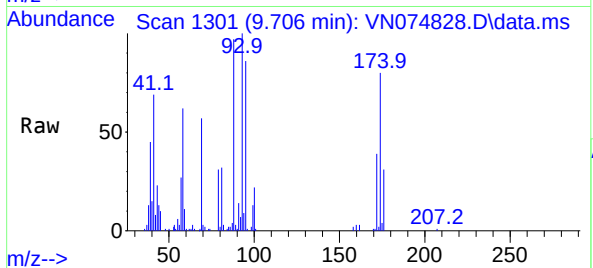
Tgt Ion: 41 Resp: 169105  
Ion Ratio Lower Upper  
41 100  
69 24.7 0.0 0.0#  
39 67.5 54.4 81.6



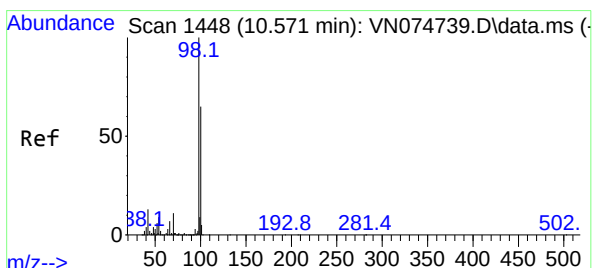
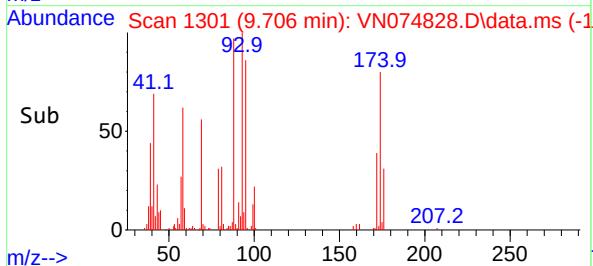
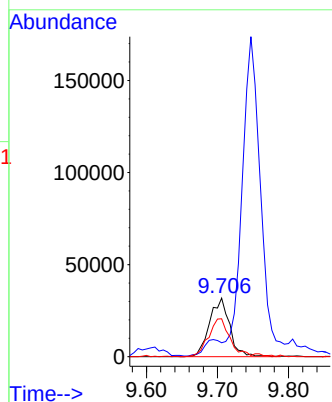


#49  
1,4-Dioxane  
Concen: 380.848 ug/l  
RT: 9.706 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Instrument :  
MSVOA\_N  
ClientSampleId :

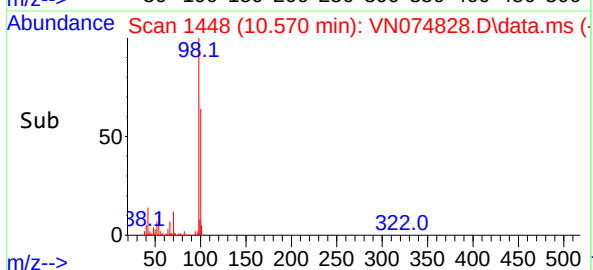
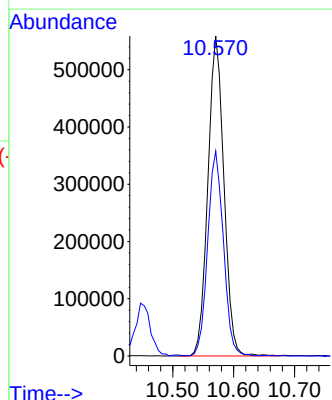
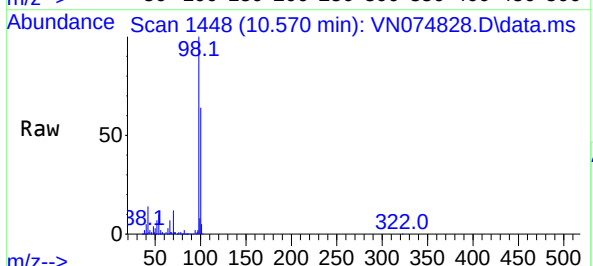


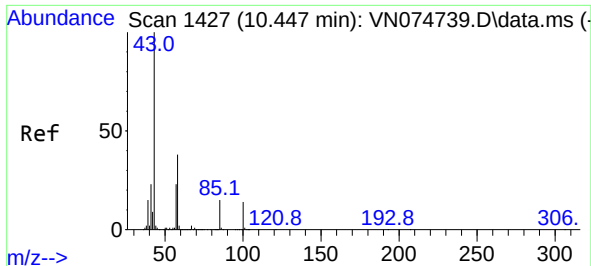
Tgt Ion: 88 Resp: 62778  
Ion Ratio Lower Upper  
88 100  
43 23.9 23.4 35.2  
58 71.1 54.9 82.3



#50  
Toluene-d8  
Concen: 51.598 ug/l  
RT: 10.570 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Tgt Ion: 98 Resp: 1022268  
Ion Ratio Lower Upper  
98 100  
100 62.6 50.7 76.1

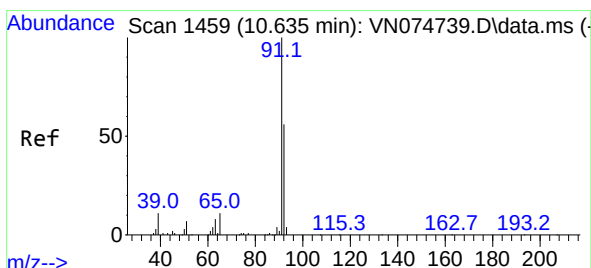
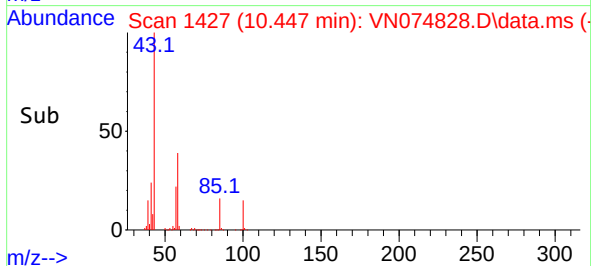
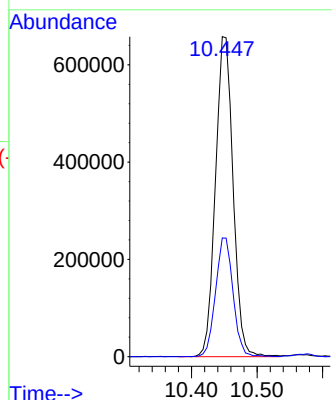
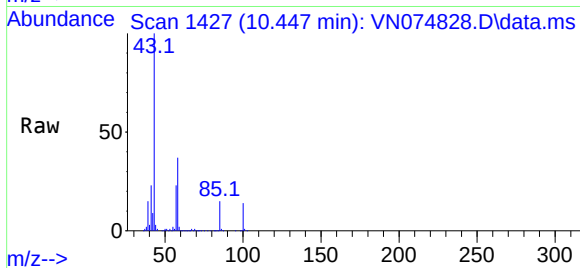




#51  
4-Methyl-2-Pentanone  
Concen: 102.744 ug/l  
RT: 10.447 min Scan# 1427  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

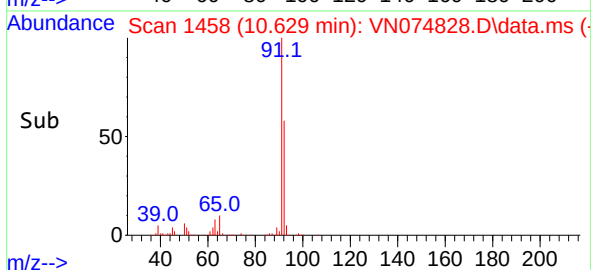
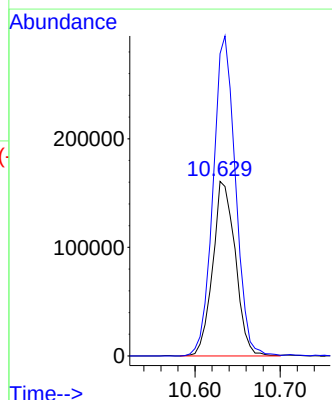
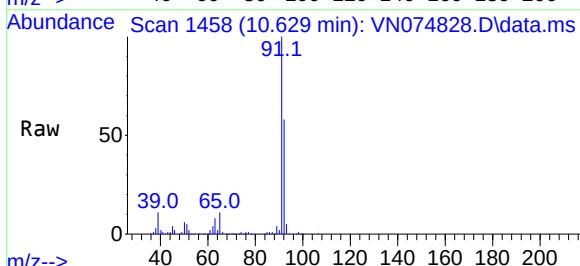
Instrument :  
MSVOA\_N  
ClientSampleId :

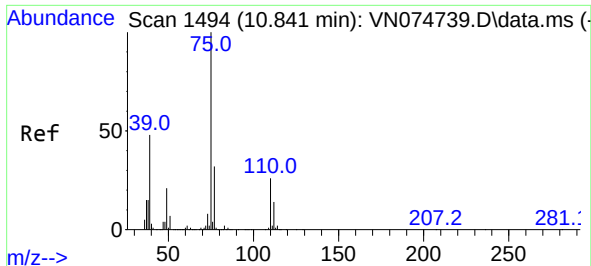
Tgt Ion: 43 Resp: 1225661  
Ion Ratio Lower Upper  
43 100  
58 36.8 30.6 45.8



#52  
Toluene  
Concen: 20.377 ug/l  
RT: 10.629 min Scan# 1458  
Delta R.T. -0.006 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Tgt Ion: 92 Resp: 296163  
Ion Ratio Lower Upper  
92 100  
91 181.6 140.2 210.4

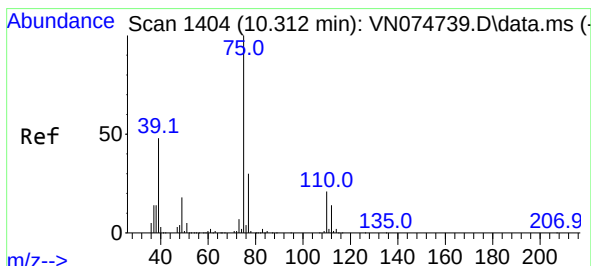
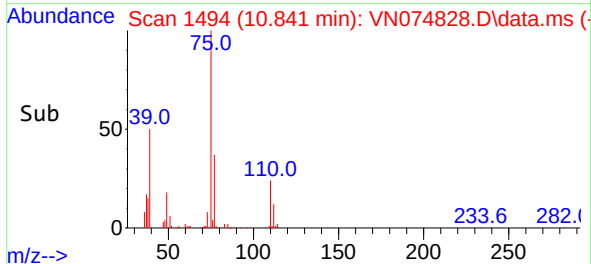
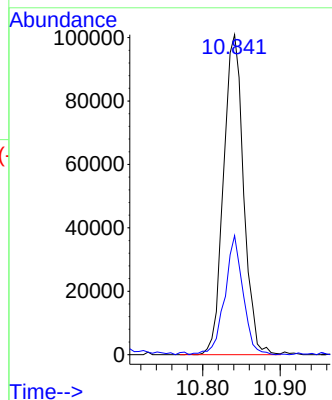
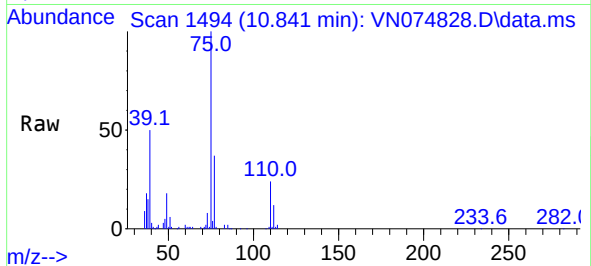




#53  
t-1,3-Dichloropropene  
Concen: 19.436 ug/l  
RT: 10.841 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

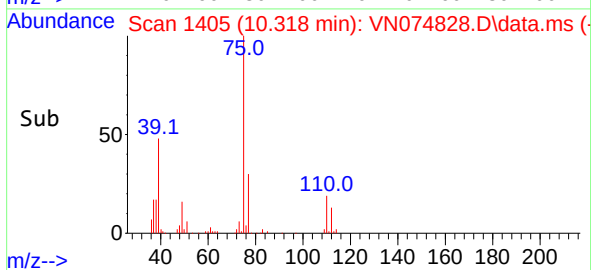
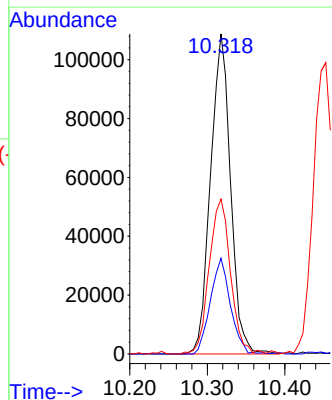
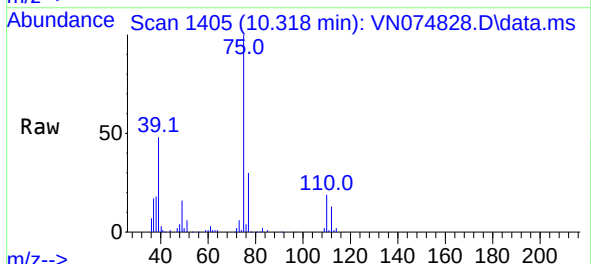
Instrument :  
MSVOA\_N  
ClientSampleId :

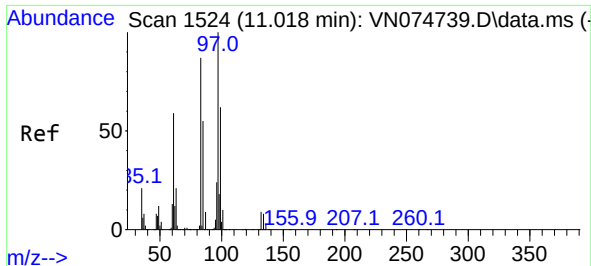
Tgt Ion: 75 Resp: 181878  
Ion Ratio Lower Upper  
75 100  
77 37.0 26.0 39.0



#54  
cis-1,3-Dichloropropene  
Concen: 19.297 ug/l  
RT: 10.318 min Scan# 1405  
Delta R.T. 0.006 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

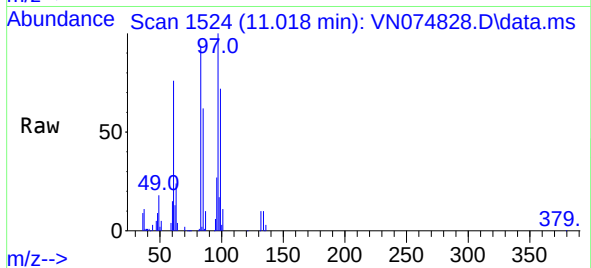
Tgt Ion: 75 Resp: 194959  
Ion Ratio Lower Upper  
75 100  
77 29.9 24.4 36.6  
39 48.4 38.6 57.8





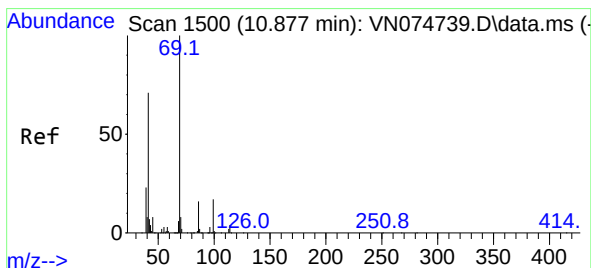
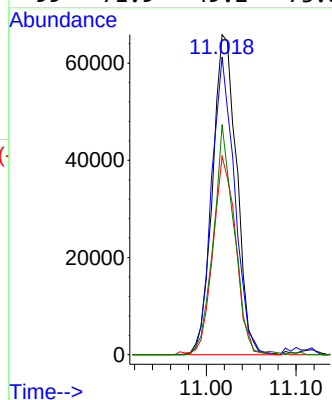
#55  
1,1,2-Trichloroethane  
Concen: 21.033 ug/l  
RT: 11.018 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 97 Resp: 122917

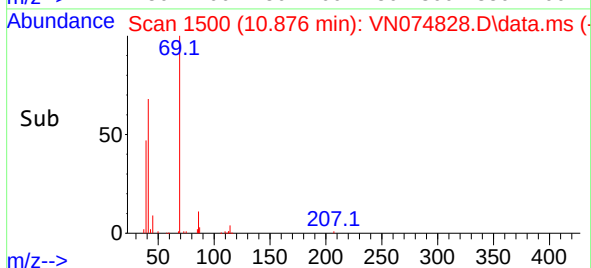
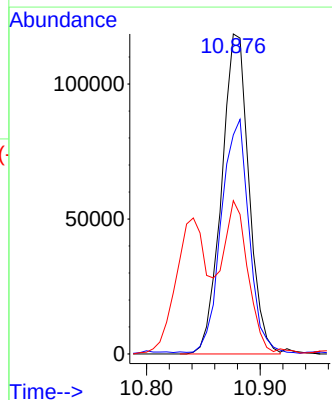
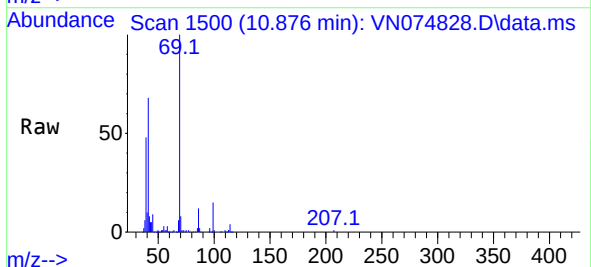
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 93.0  | 69.7  | 104.5 |
| 85  | 61.9  | 43.8  | 65.6  |
| 99  | 71.9  | 49.2  | 73.8  |



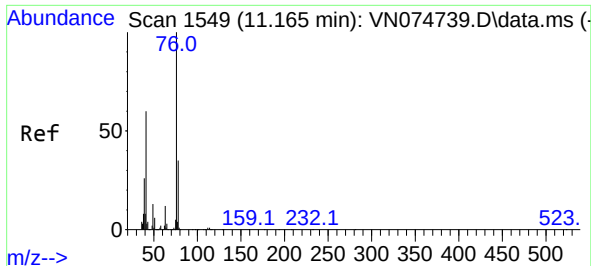
#56  
Ethyl methacrylate  
Concen: 18.591 ug/l  
RT: 10.876 min Scan# 1500  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Tgt Ion: 69 Resp: 197882

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 74.3  | 54.9  | 82.3  |
| 39  | 43.9  | 31.5  | 47.3  |







#57

1,3-Dichloropropane

Concen: 20.575 ug/l

RT: 11.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN074828.D

Acq: 10 Oct 2022 13:26

Instrument :

MSVOA\_N

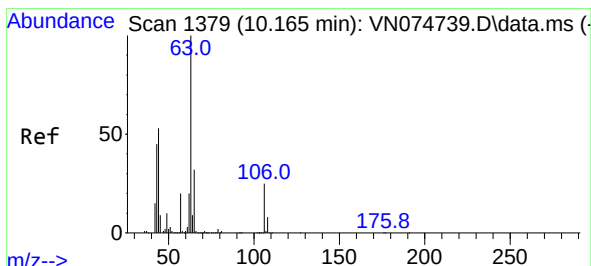
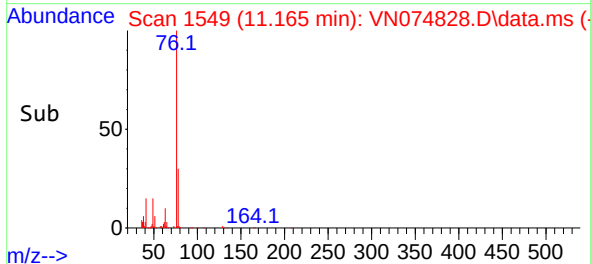
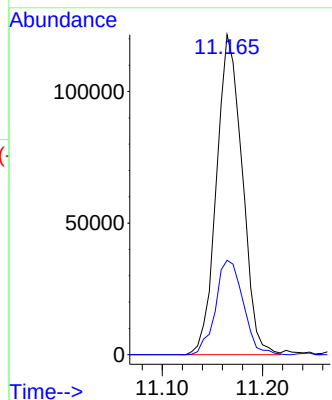
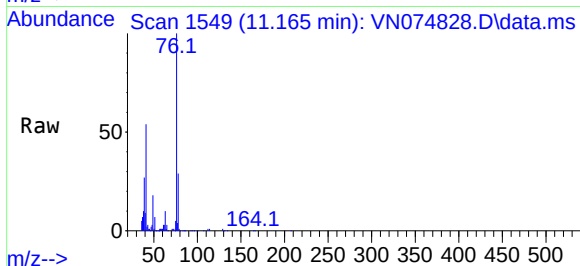
ClientSampleId :

Tgt Ion: 76 Resp: 216711

Ion Ratio Lower Upper

76 100

78 31.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 101.570 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN074828.D

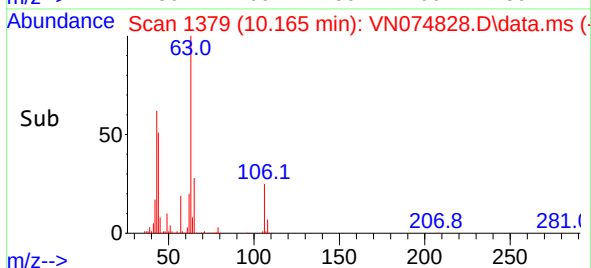
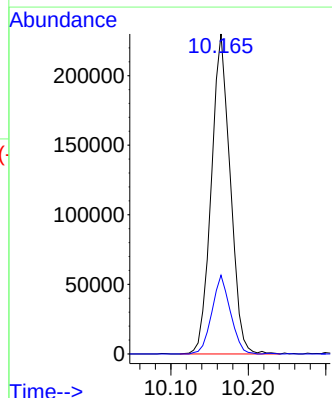
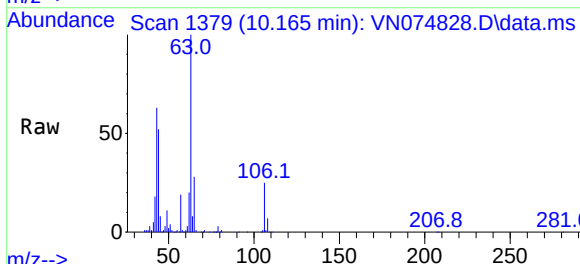
Acq: 10 Oct 2022 13:26

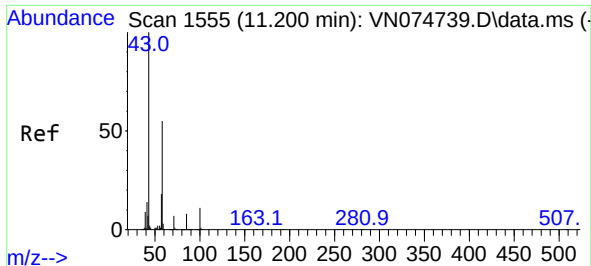
Tgt Ion: 63 Resp: 389931

Ion Ratio Lower Upper

63 100

106 24.0 20.0 30.0

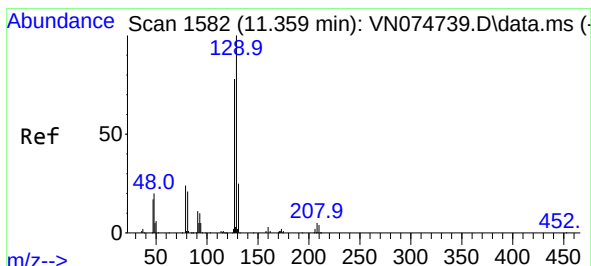
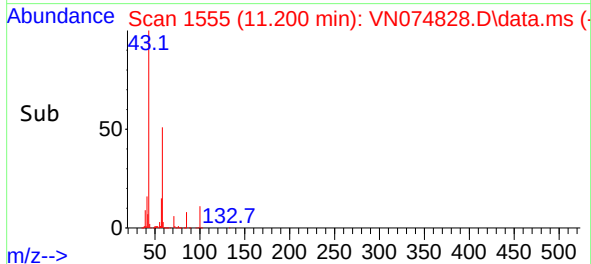
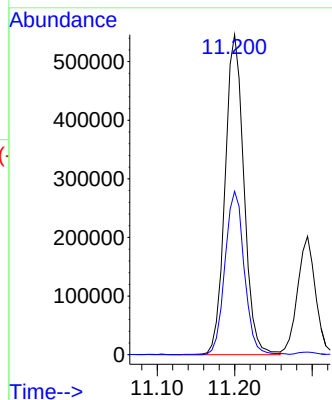
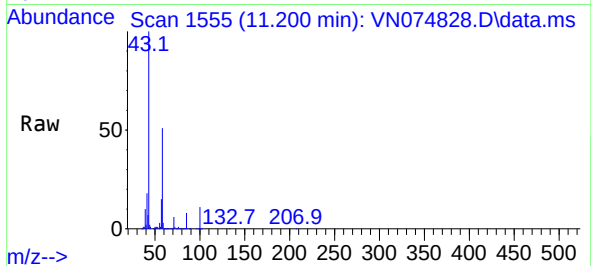




#59  
2-Hexanone  
Concen: 102.658 ug/l  
RT: 11.200 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

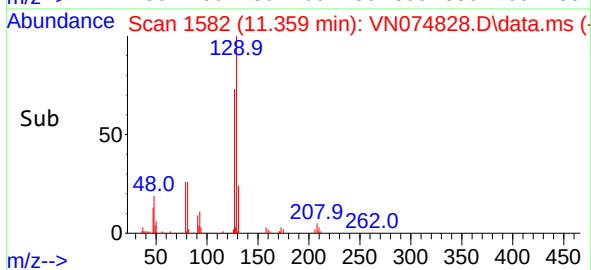
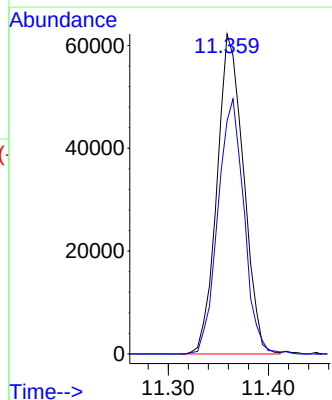
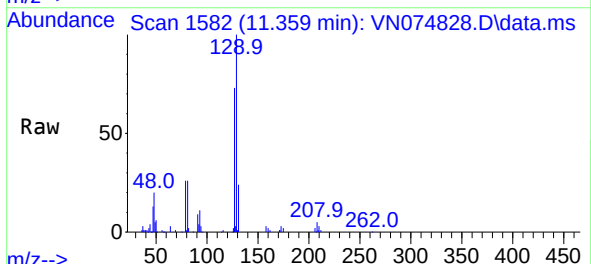
Instrument :  
MSVOA\_N  
ClientSampleId :

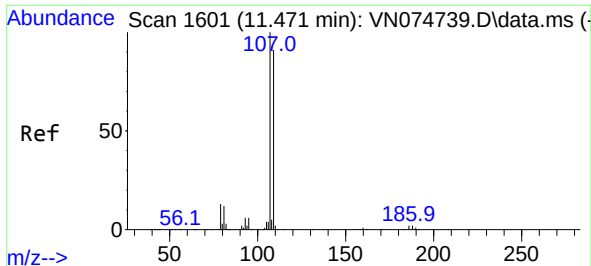
Tgt Ion: 43 Resp: 926305  
Ion Ratio Lower Upper  
43 100  
58 52.1 27.3 81.9



#60  
Dibromochloromethane  
Concen: 19.860 ug/l  
RT: 11.359 min Scan# 1582  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Tgt Ion:129 Resp: 114335  
Ion Ratio Lower Upper  
129 100  
127 78.3 39.5 118.3

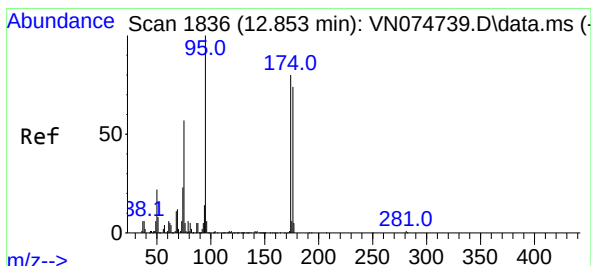
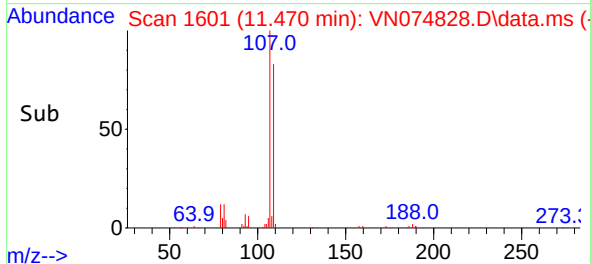
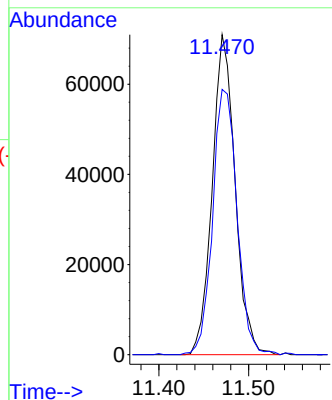
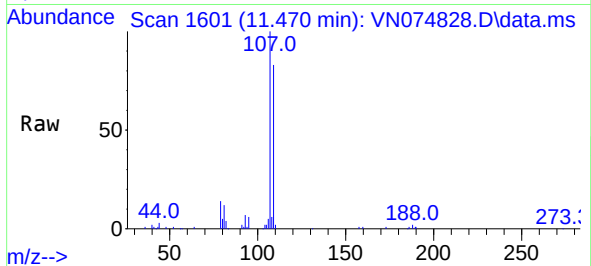




#61  
1,2-Dibromoethane  
Concen: 21.133 ug/l  
RT: 11.470 min Scan# 1601  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

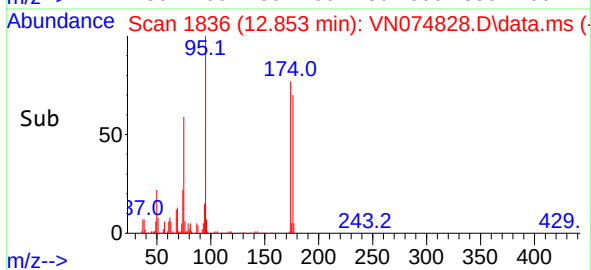
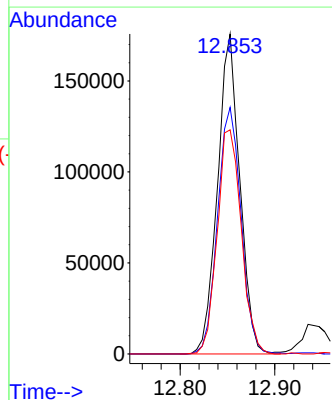
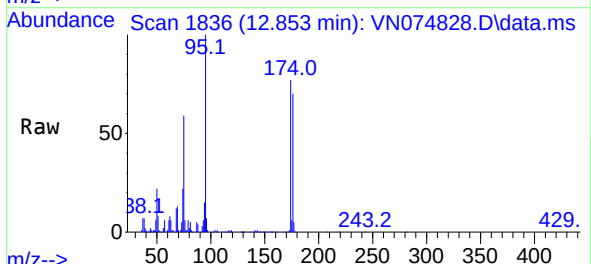
Instrument :  
MSVOA\_N  
ClientSampleId :

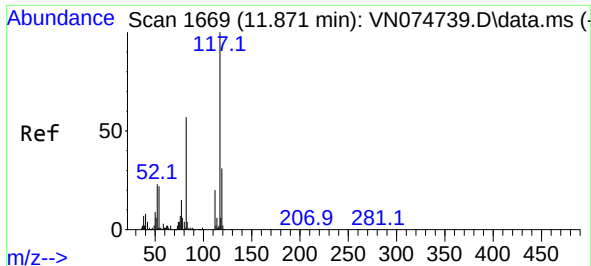
Tgt Ion:107 Resp: 125583  
Ion Ratio Lower Upper  
107 100  
109 88.4 74.2 111.2



#62  
4-Bromofluorobenzene  
Concen: 47.773 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Tgt Ion: 95 Resp: 287719  
Ion Ratio Lower Upper  
95 100  
174 81.2 0.0 149.4  
176 75.7 0.0 142.0

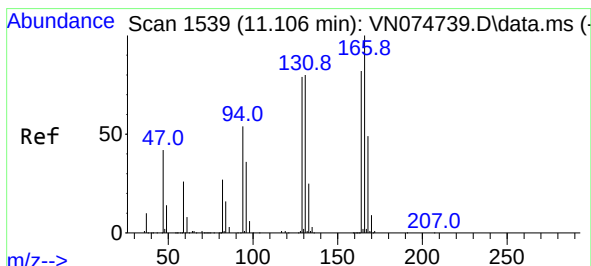
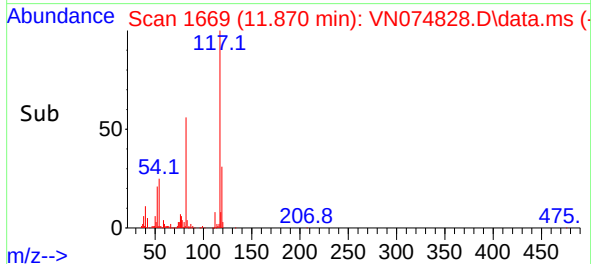
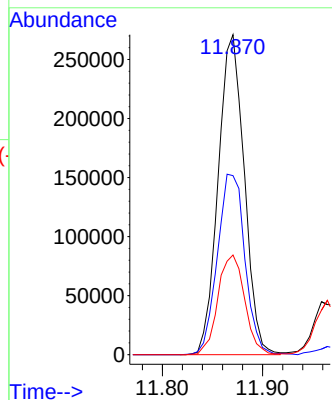
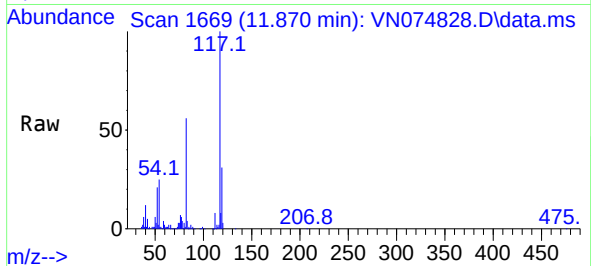




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.870 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

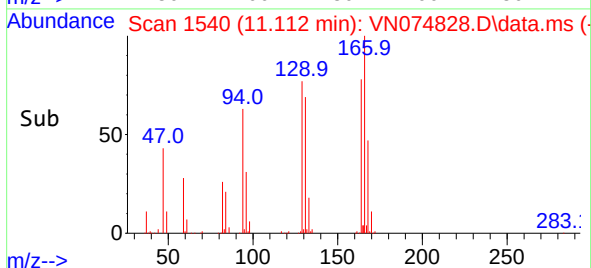
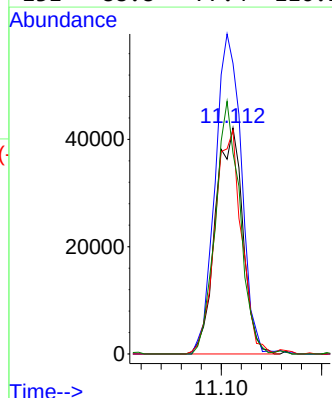
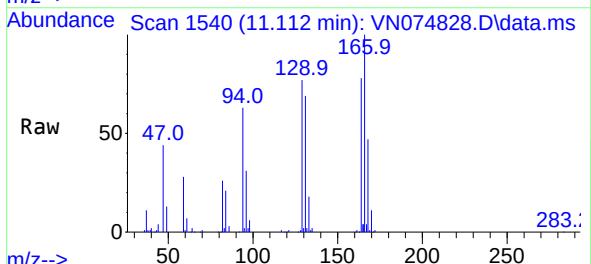
Instrument :  
MSVOA\_N  
ClientSampleId :

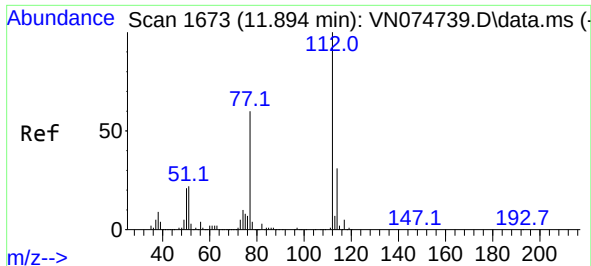
Tgt Ion:117 Resp: 490343  
Ion Ratio Lower Upper  
117 100  
82 55.9 45.4 68.2  
119 31.2 25.1 37.7



#64  
Tetrachloroethene  
Concen: 20.065 ug/l  
RT: 11.112 min Scan# 1540  
Delta R.T. 0.006 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Tgt Ion:164 Resp: 79870  
Ion Ratio Lower Upper  
164 100  
166 128.5 97.0 145.6  
129 98.8 77.0 115.6  
131 88.8 77.4 116.2

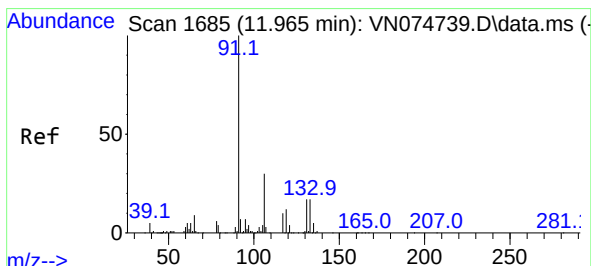
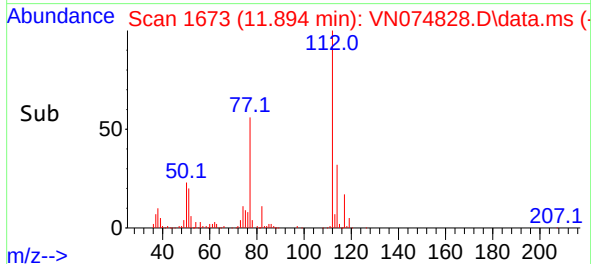
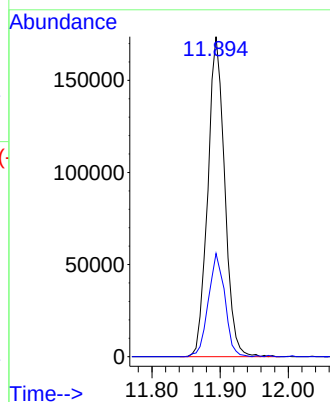
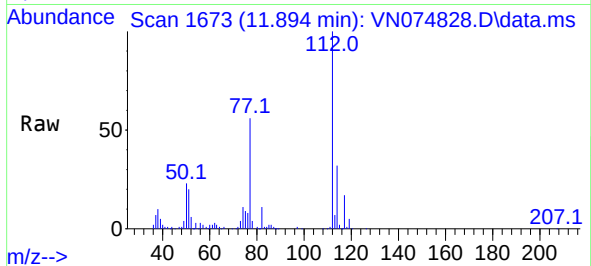




#65  
Chlorobenzene  
Concen: 19.975 ug/l  
RT: 11.894 min Scan# 1673  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

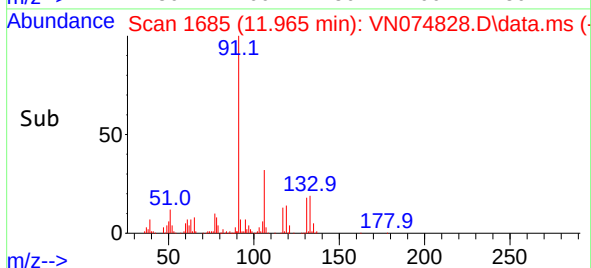
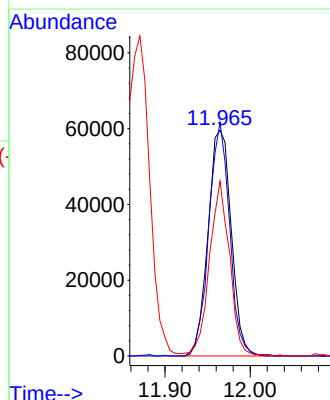
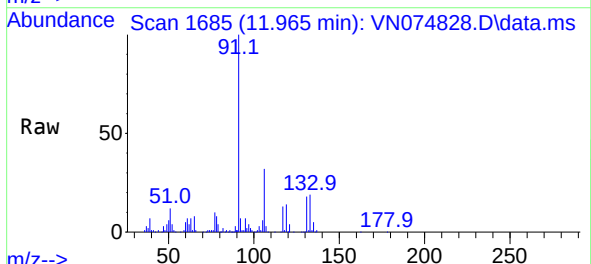
Instrument :  
MSVOA\_N  
ClientSampleId :

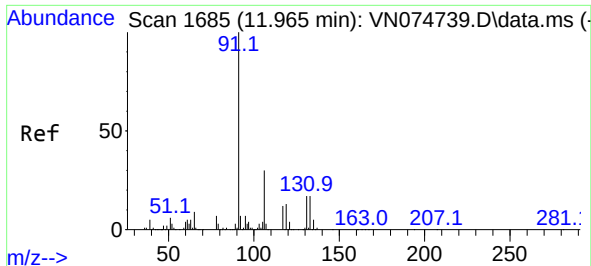
Tgt Ion:112 Resp: 300062  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.0 37.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.519 ug/l  
RT: 11.965 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Tgt Ion:131 Resp: 112545  
Ion Ratio Lower Upper  
131 100  
133 92.9 47.6 142.9  
119 67.4 34.8 104.3





#67

Ethyl Benzene

Concen: 20.224 ug/l

RT: 11.965 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN074828.D

Acq: 10 Oct 2022 13:26

Instrument :

MSVOA\_N

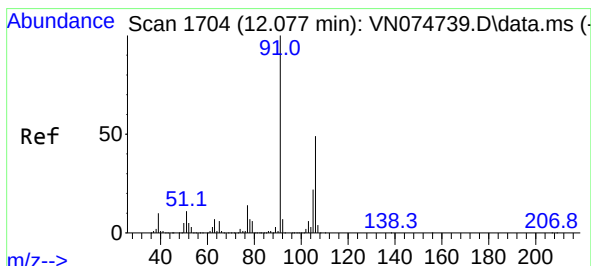
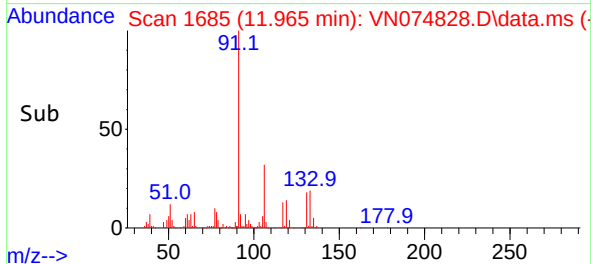
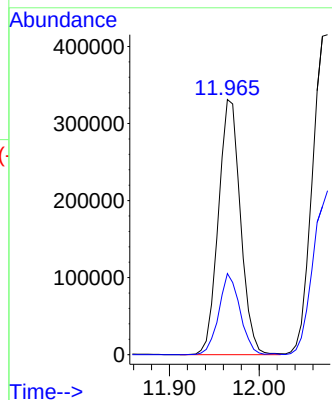
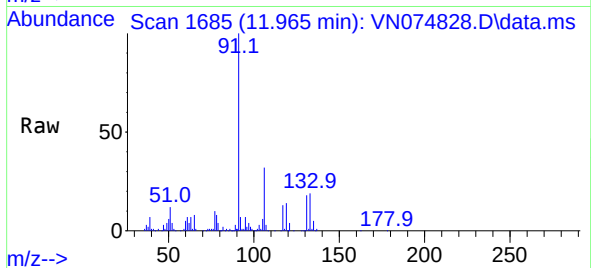
ClientSampleId :

Tgt Ion: 91 Resp: 566268

Ion Ratio Lower Upper

91 100

106 31.8 24.1 36.1



#68

m/p-Xylenes

Concen: 40.354 ug/l

RT: 12.076 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VN074828.D

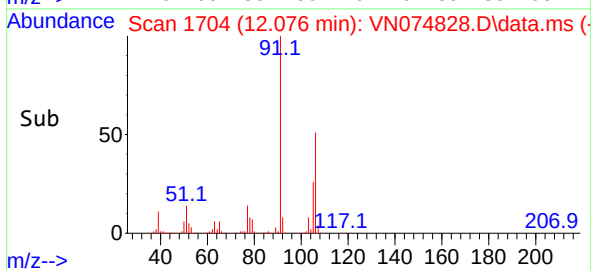
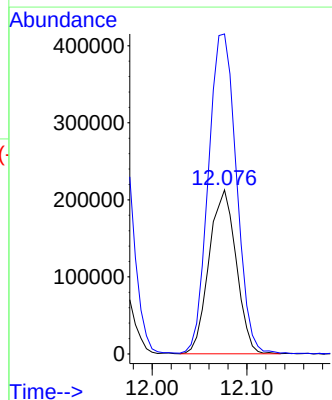
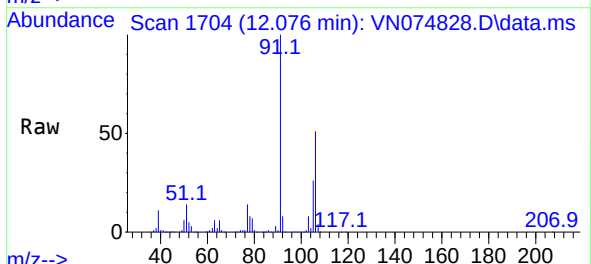
Acq: 10 Oct 2022 13:26

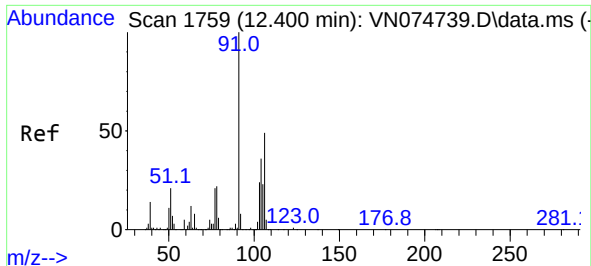
Tgt Ion: 106 Resp: 424154

Ion Ratio Lower Upper

106 100

91 201.2 164.2 246.4

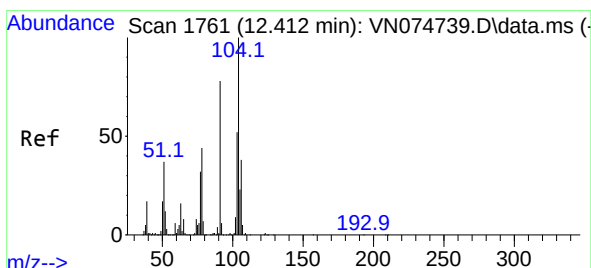
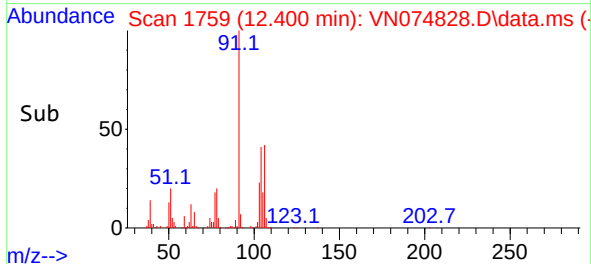
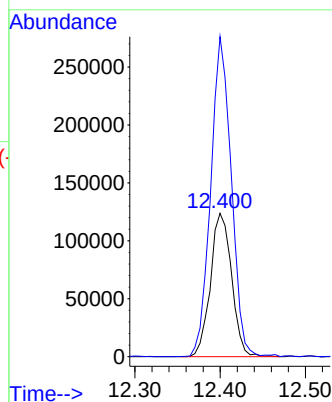
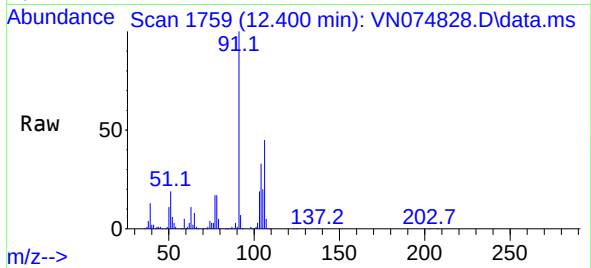




#69  
o-Xylene  
Concen: 19.798 ug/l  
RT: 12.400 min Scan# 1759  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

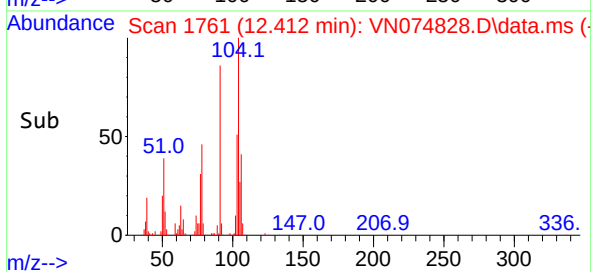
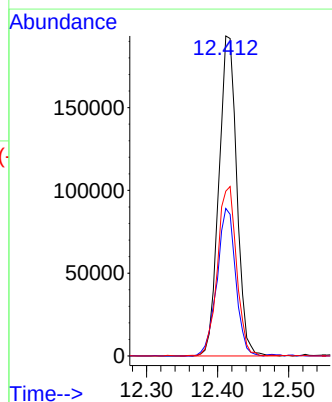
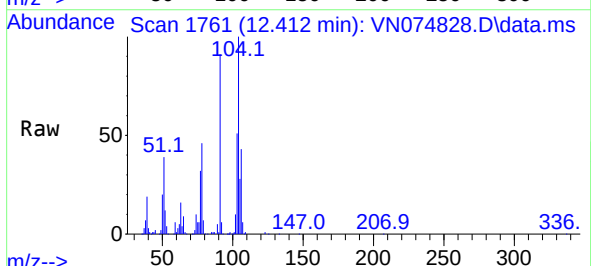
Instrument :  
MSVOA\_N  
ClientSampleId :

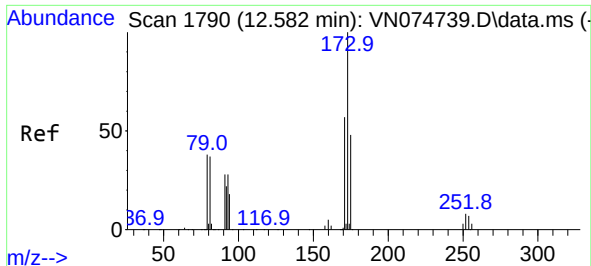
Tgt Ion:106 Resp: 213496  
Ion Ratio Lower Upper  
106 100  
91 217.1 105.4 316.1



#70  
Styrene  
Concen: 19.898 ug/l  
RT: 12.412 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Tgt Ion:104 Resp: 338274  
Ion Ratio Lower Upper  
104 100  
78 48.1 39.7 59.5  
103 56.4 44.7 67.1

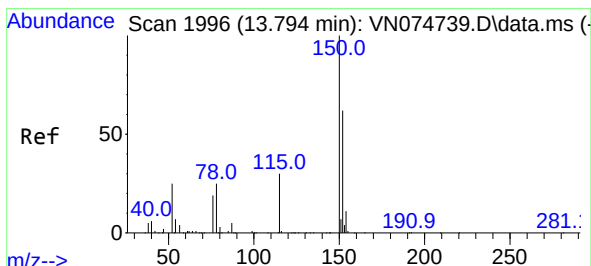
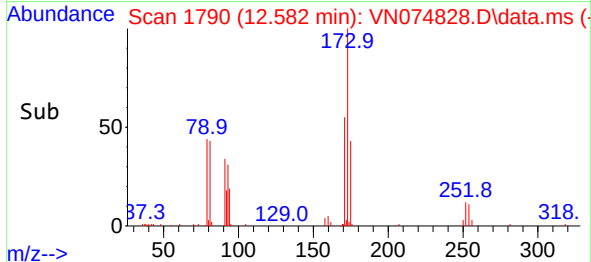
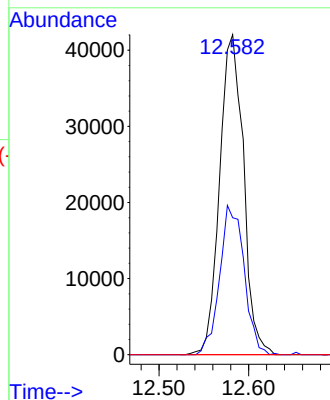
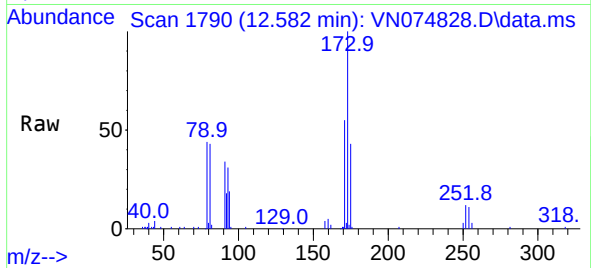




#71  
Bromoform  
Concen: 18.539 ug/l  
RT: 12.582 min Scan# 1790  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

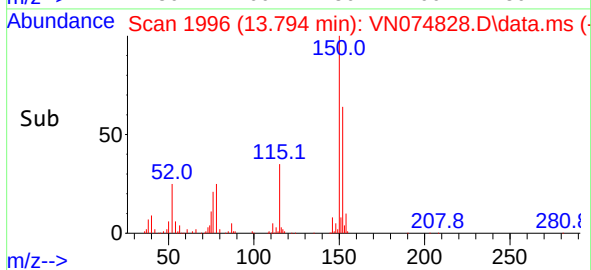
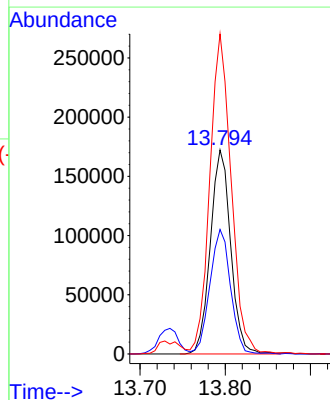
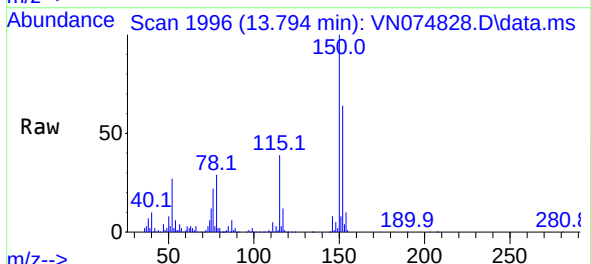
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:173 Resp: 77567  
Ion Ratio Lower Upper  
173 100  
175 47.9 23.9 71.7  
254 0.0 0.1 0.1#

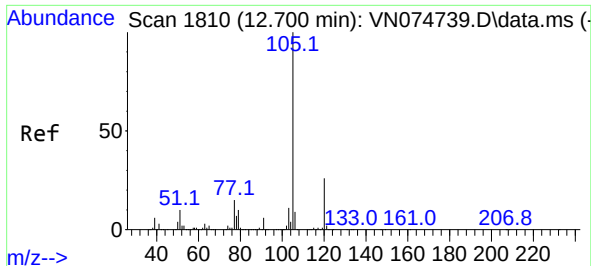


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 1996  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Tgt Ion:152 Resp: 285358  
Ion Ratio Lower Upper  
152 100  
115 62.0 30.0 90.0  
150 165.1 0.0 356.4



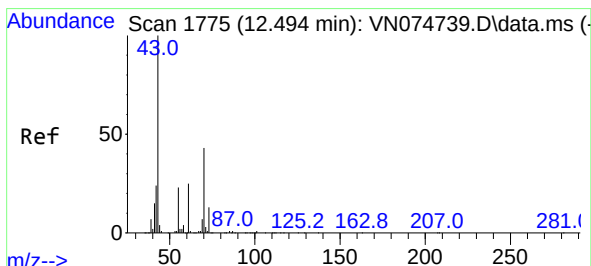
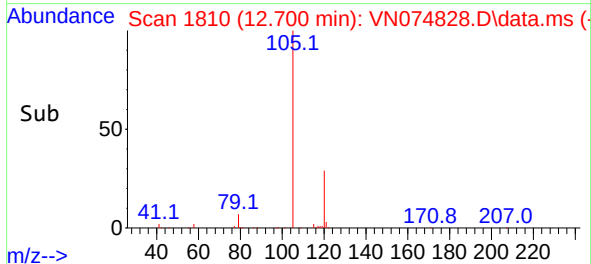
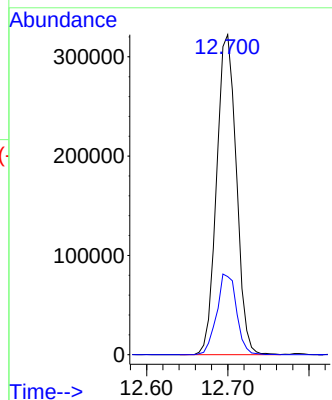
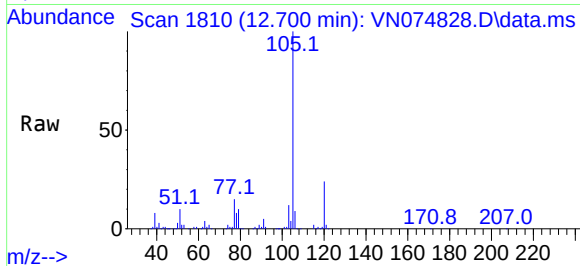




#73  
Isopropylbenzene  
Concen: 19.840 ug/l  
RT: 12.700 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

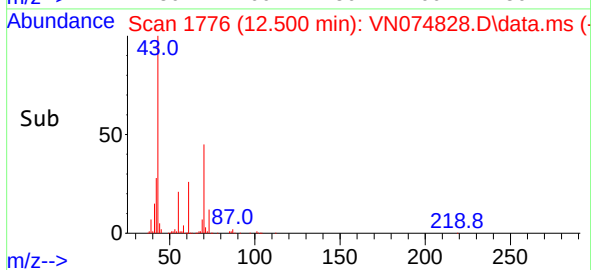
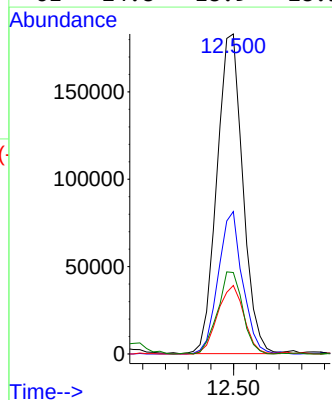
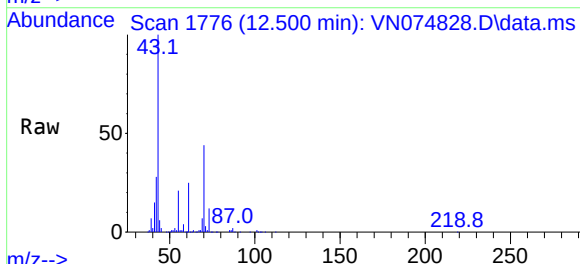
Instrument :  
MSVOA\_N  
ClientSampleId :

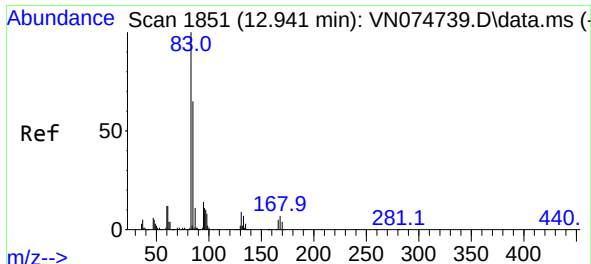
Tgt Ion:105 Resp: 544798  
Ion Ratio Lower Upper  
105 100  
120 25.3 13.1 39.3



#74  
N-ethyl acetate  
Concen: 17.489 ug/l  
RT: 12.500 min Scan# 1776  
Delta R.T. 0.006 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Tgt Ion: 43 Resp: 290364  
Ion Ratio Lower Upper  
43 100  
70 41.9 32.9 49.3  
55 21.8 17.8 26.6  
61 24.8 18.9 28.3

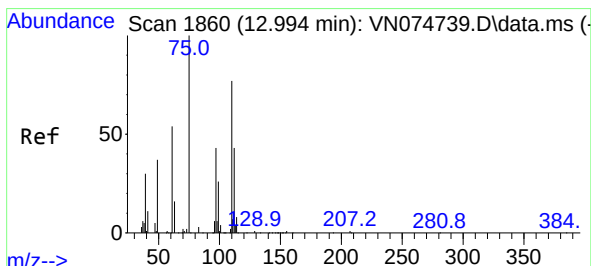
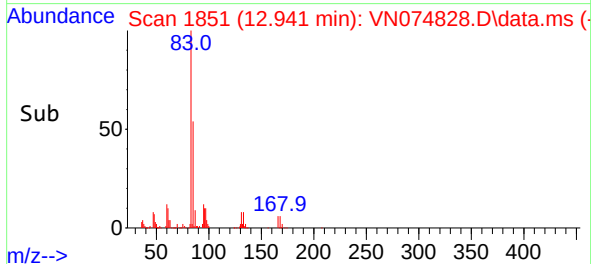
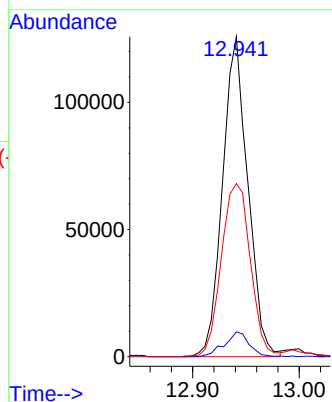
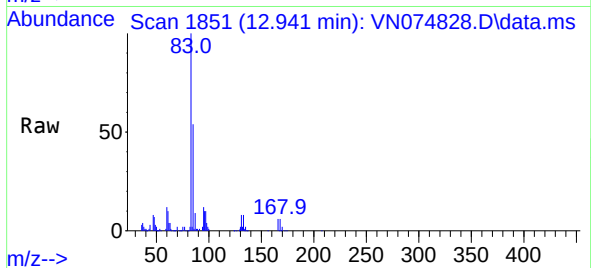




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 21.439 ug/l  
 RT: 12.941 min Scan# 1851  
 Delta R.T. -0.000 min  
 Lab File: VN074828.D  
 Acq: 10 Oct 2022 13:26

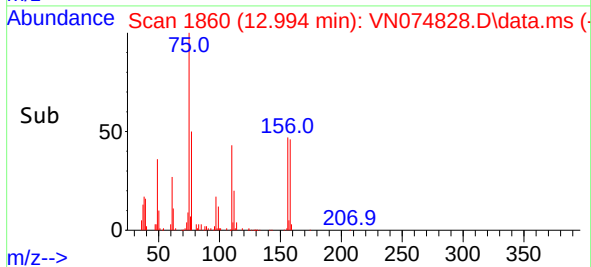
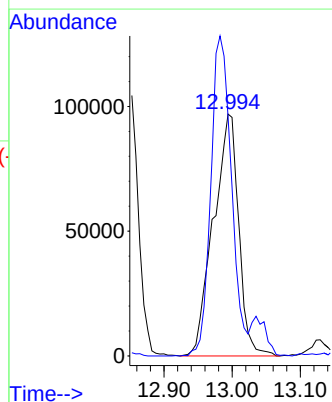
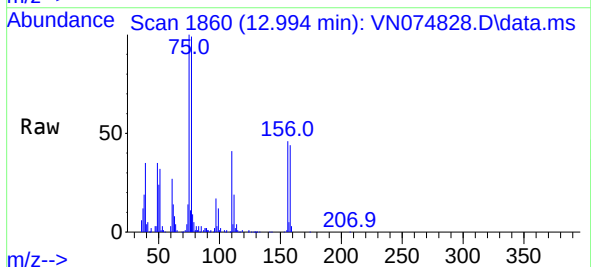
Instrument :  
 MSVOA\_N  
 ClientSampleId :

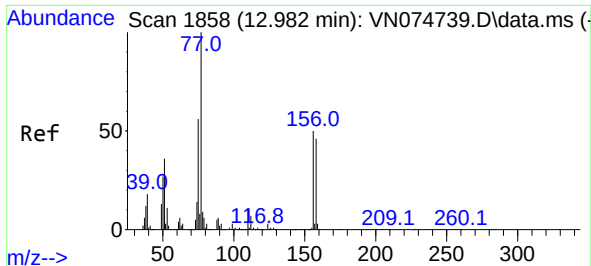
Tgt Ion: 83 Resp: 207209  
 Ion Ratio Lower Upper  
 83 100  
 131 7.6 4.3 12.8  
 85 62.2 32.9 98.6



#76  
 1,2,3-Trichloropropane  
 Concen: 29.292 ug/l  
 RT: 12.994 min Scan# 1860  
 Delta R.T. -0.000 min  
 Lab File: VN074828.D  
 Acq: 10 Oct 2022 13:26

Tgt Ion: 75 Resp: 249484  
 Ion Ratio Lower Upper  
 75 100  
 77 108.2 76.9 230.7

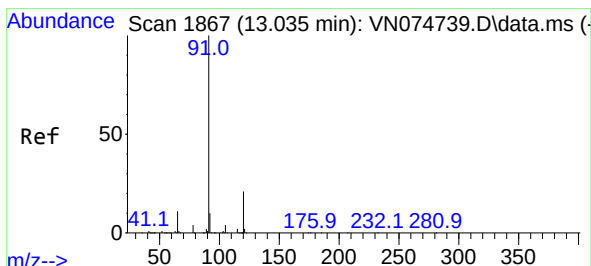
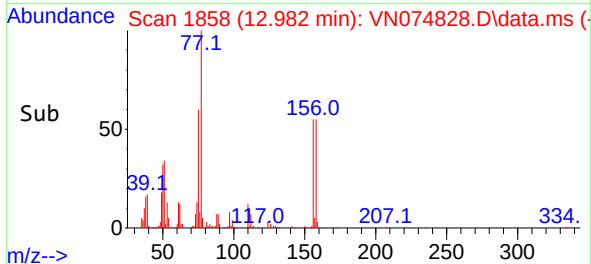
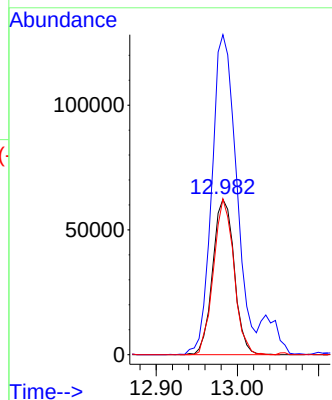
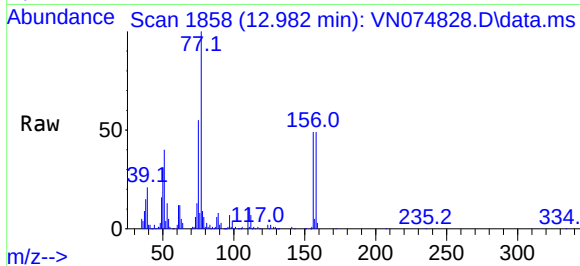




#77  
Bromobenzene  
Concen: 21.815 ug/l  
RT: 12.982 min Scan# 1858  
Delta R.T. 0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

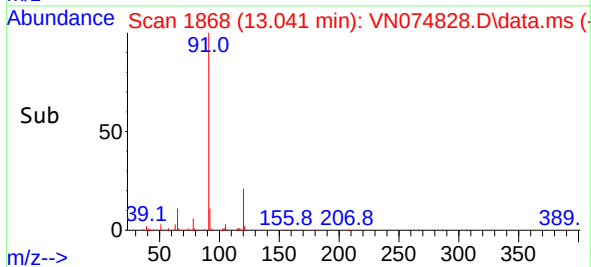
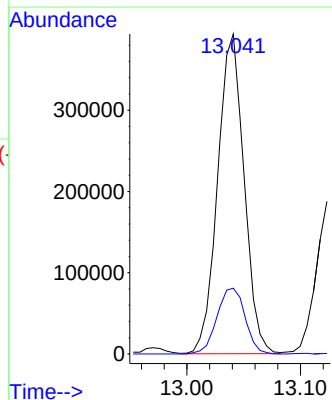
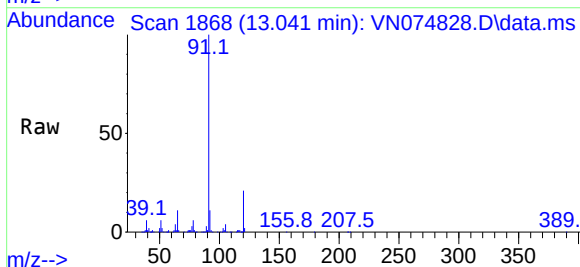
Instrument :  
MSVOA\_N  
ClientSampleId :

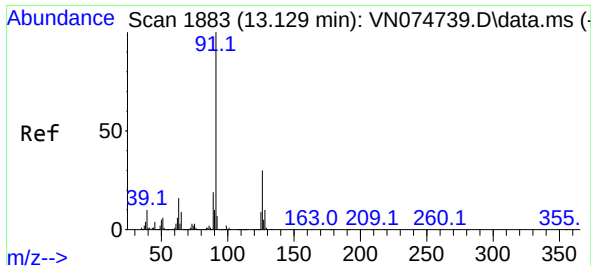
Tgt Ion:156 Resp: 114501  
Ion Ratio Lower Upper  
156 100  
77 235.8 124.7 374.1  
158 95.3 48.3 144.9



#78  
n-propylbenzene  
Concen: 20.089 ug/l  
RT: 13.041 min Scan# 1868  
Delta R.T. 0.006 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Tgt Ion: 91 Resp: 635525  
Ion Ratio Lower Upper  
91 100  
120 21.8 10.8 32.4





#79

2-Chlorotoluene

Concen: 19.382 ug/l

RT: 13.129 min Scan# 1883

Delta R.T. -0.000 min

Lab File: VN074828.D

Acq: 10 Oct 2022 13:26

Instrument :

MSVOA\_N

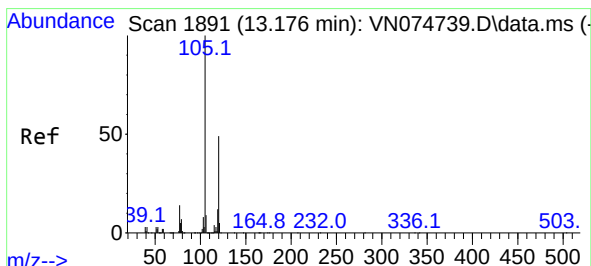
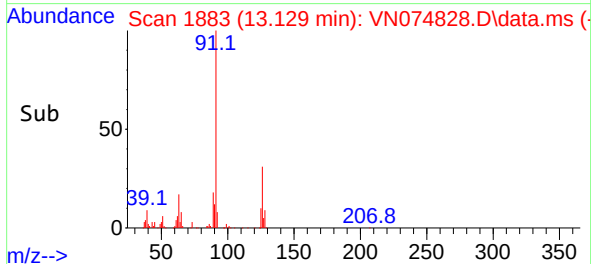
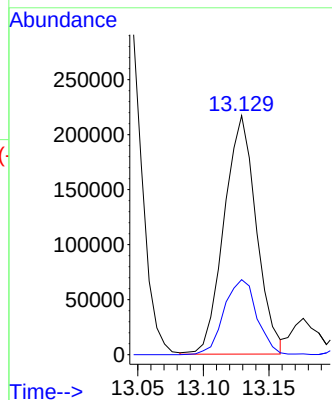
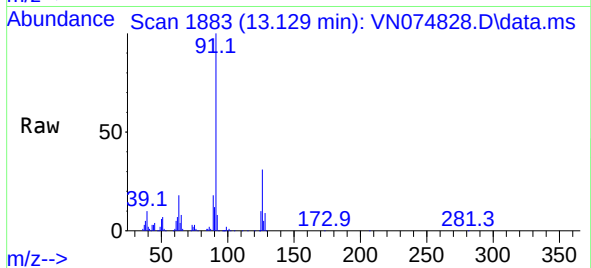
ClientSampleId :

Tgt Ion: 91 Resp: 371815

Ion Ratio Lower Upper

91 100

126 32.0 15.7 47.0



#80

1,3,5-Trimethylbenzene

Concen: 20.827 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. -0.000 min

Lab File: VN074828.D

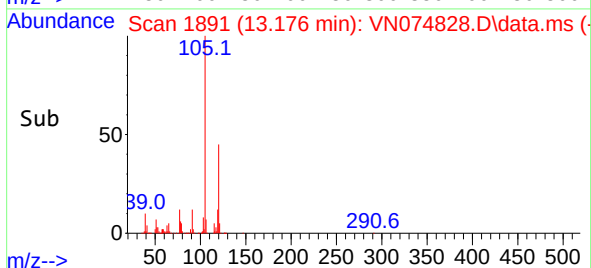
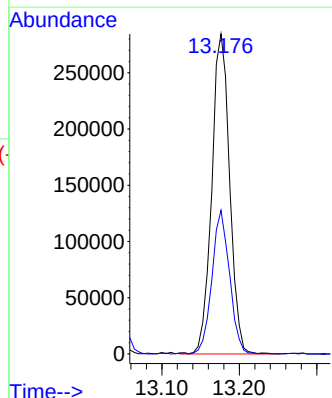
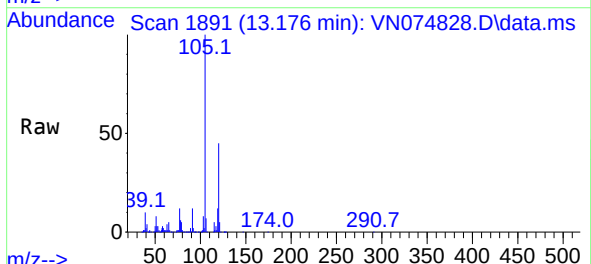
Acq: 10 Oct 2022 13:26

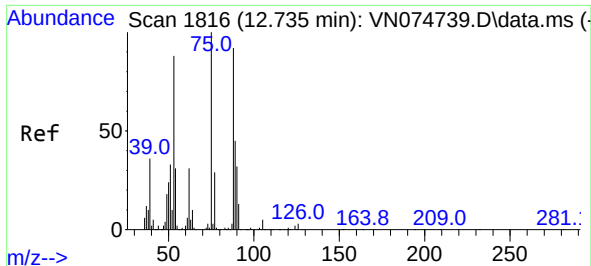
Tgt Ion:105 Resp: 456122

Ion Ratio Lower Upper

105 100

120 44.2 24.6 73.6

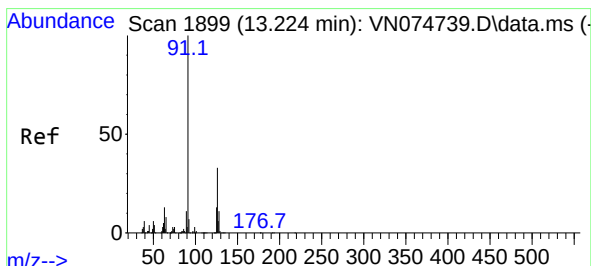
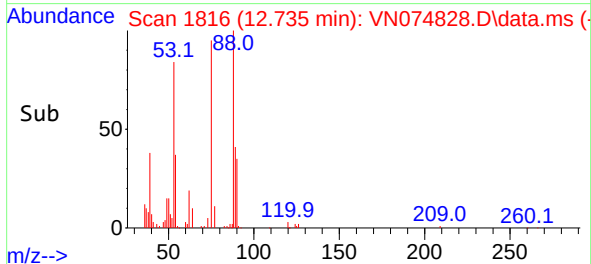
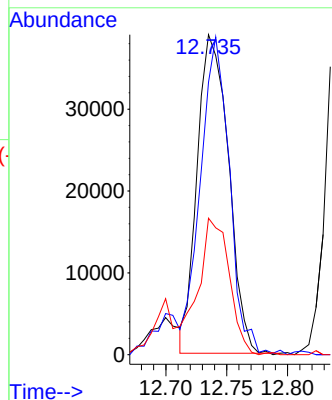
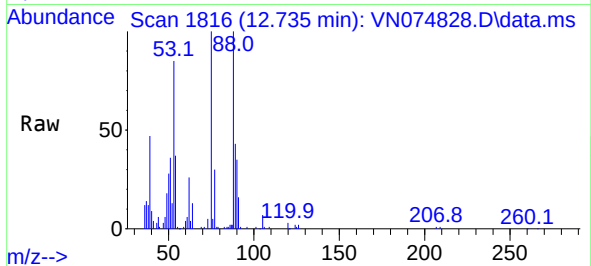




#81  
trans-1,4-Dichloro-2-butene  
Concen: 15.885 ug/l  
RT: 12.735 min Scan# 1816  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

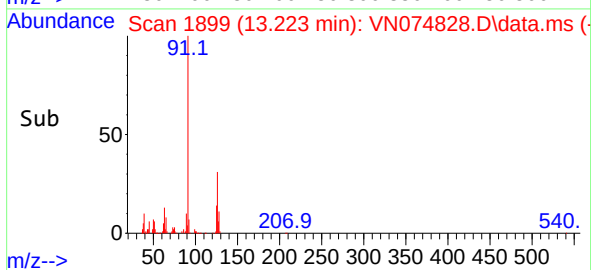
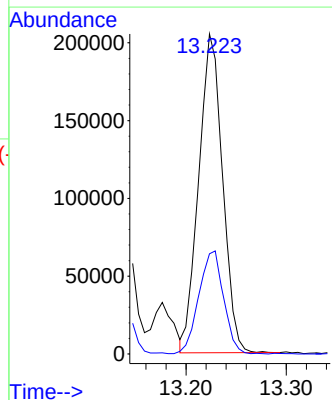
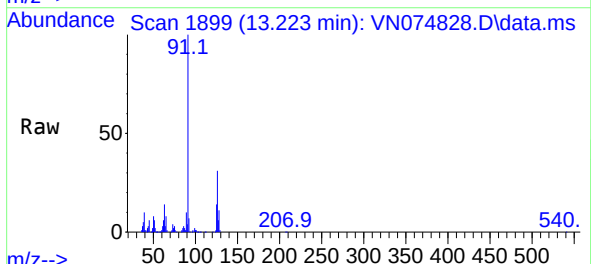
Instrument :  
MSVOA\_N  
ClientSampleId :

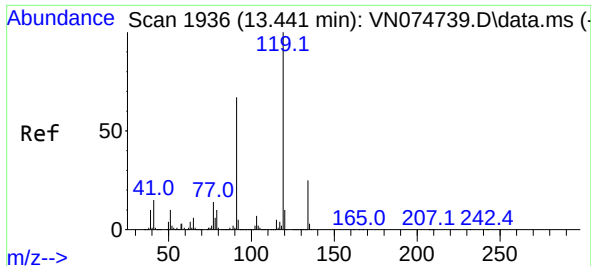
Tgt Ion: 75 Resp: 69439  
Ion Ratio Lower Upper  
75 100  
53 103.6 71.4 107.0  
89 42.0 32.1 48.1



#82  
4-Chlorotoluene  
Concen: 19.074 ug/l  
RT: 13.223 min Scan# 1899  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Tgt Ion: 91 Resp: 339135  
Ion Ratio Lower Upper  
91 100  
126 33.7 16.4 49.2

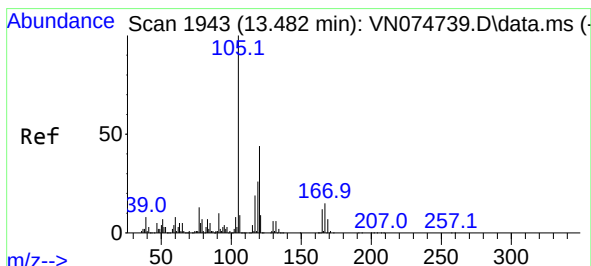
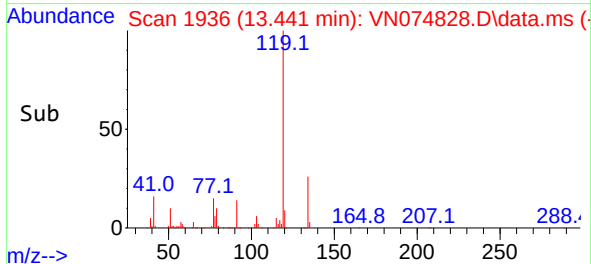
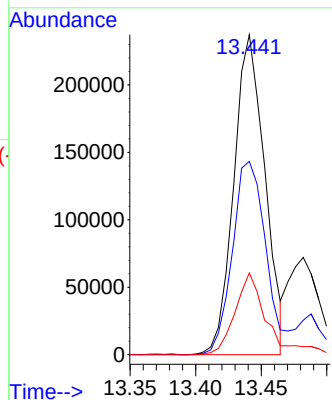
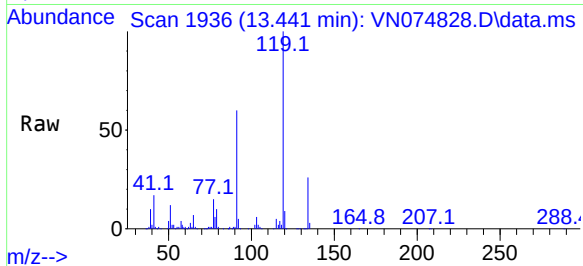




#83  
tert-Butylbenzene  
Concen: 20.656 ug/l  
RT: 13.441 min Scan# 1936  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

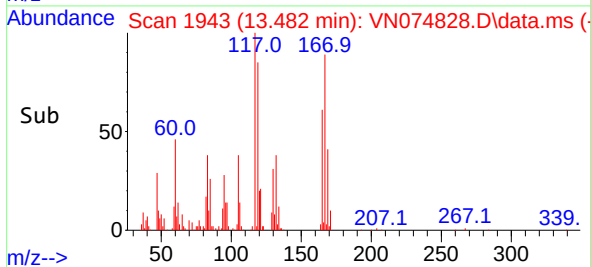
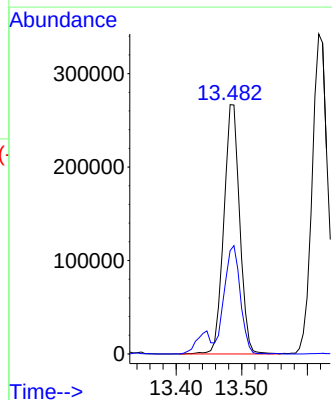
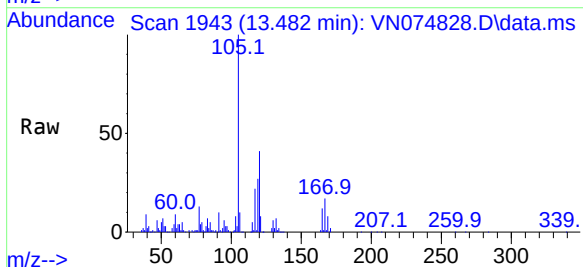
Instrument :  
MSVOA\_N  
ClientSampleId :

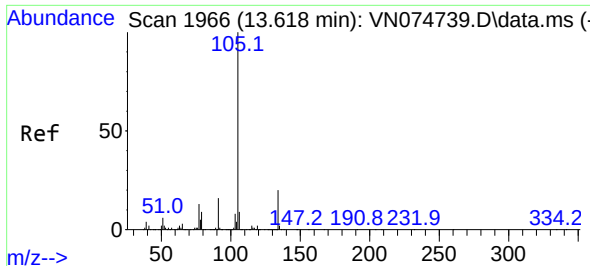
Tgt Ion:119 Resp: 390915  
Ion Ratio Lower Upper  
119 100  
91 65.2 33.0 98.9  
134 26.2 13.2 39.5



#84  
1,2,4-Trimethylbenzene  
Concen: 20.188 ug/l  
RT: 13.482 min Scan# 1943  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Tgt Ion:105 Resp: 447048  
Ion Ratio Lower Upper  
105 100  
120 43.5 21.7 65.1

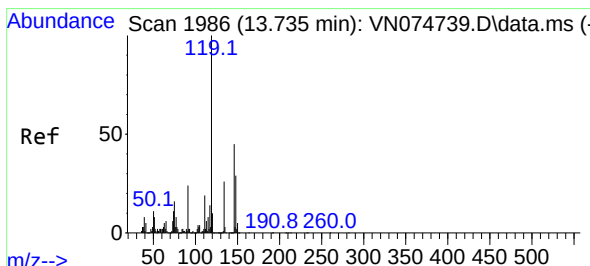
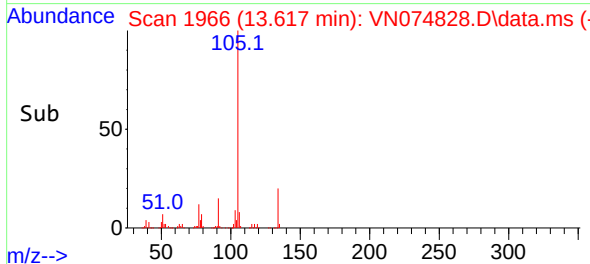
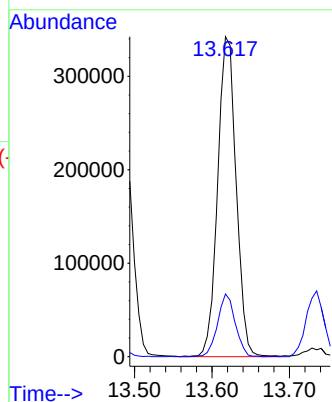
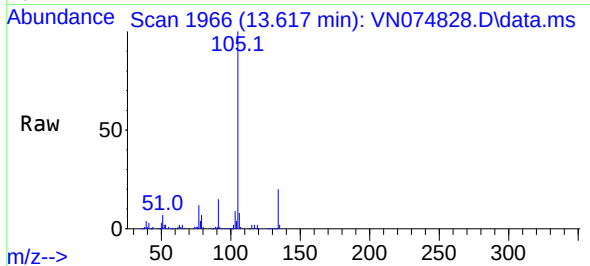




#85  
 sec-Butylbenzene  
 Concen: 20.637 ug/l  
 RT: 13.617 min Scan# 1966  
 Delta R.T. -0.000 min  
 Lab File: VN074828.D  
 Acq: 10 Oct 2022 13:26

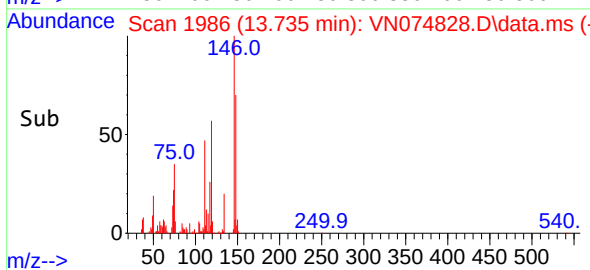
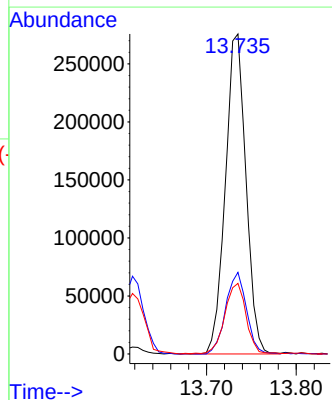
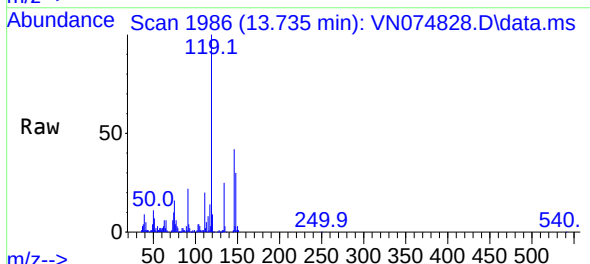
Instrument :  
 MSVOA\_N  
 ClientSampleId :

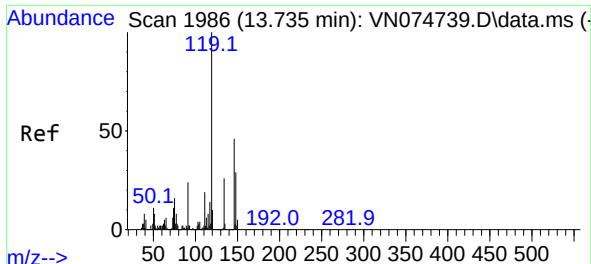
Tgt Ion:105 Resp: 567532  
 Ion Ratio Lower Upper  
 105 100  
 134 18.8 9.4 28.2



#86  
 p-Isopropyltoluene  
 Concen: 20.713 ug/l  
 RT: 13.735 min Scan# 1986  
 Delta R.T. -0.000 min  
 Lab File: VN074828.D  
 Acq: 10 Oct 2022 13:26

Tgt Ion:119 Resp: 439587  
 Ion Ratio Lower Upper  
 119 100  
 134 25.7 13.1 39.1  
 91 22.9 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 19.106 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN074828.D

Acq: 10 Oct 2022 13:26

Instrument :

MSVOA\_N

ClientSampleId :

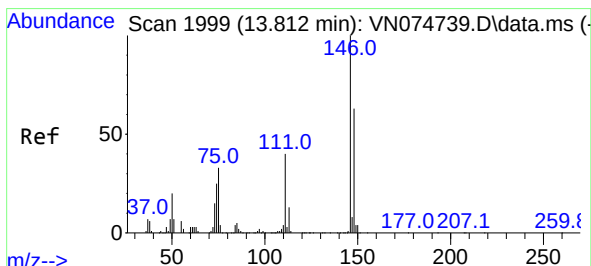
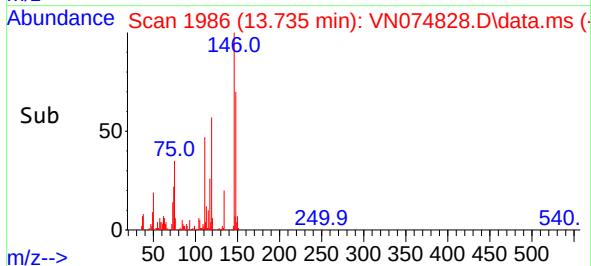
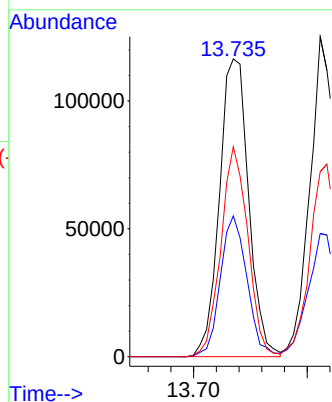
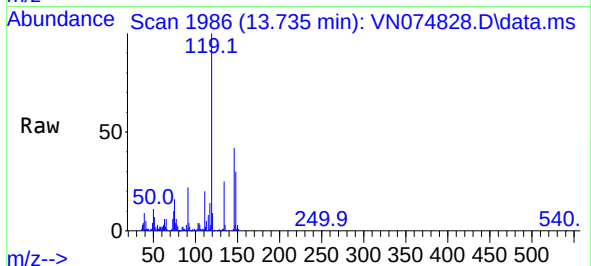
Tgt Ion:146 Resp: 208069

Ion Ratio Lower Upper

146 100

111 43.2 20.8 62.2

148 65.1 31.5 94.5



#88

1,4-Dichlorobenzene

Concen: 20.316 ug/l

RT: 13.811 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN074828.D

Acq: 10 Oct 2022 13:26

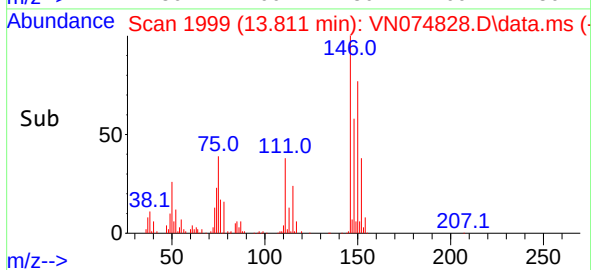
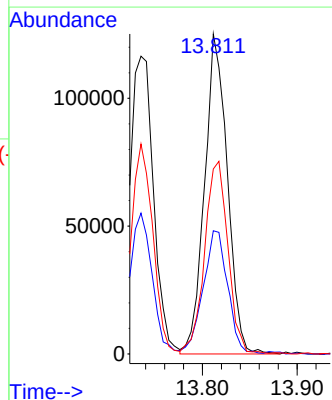
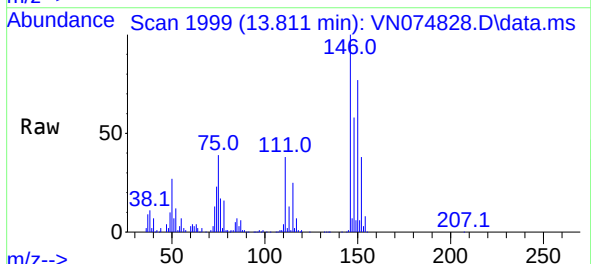
Tgt Ion:146 Resp: 208985

Ion Ratio Lower Upper

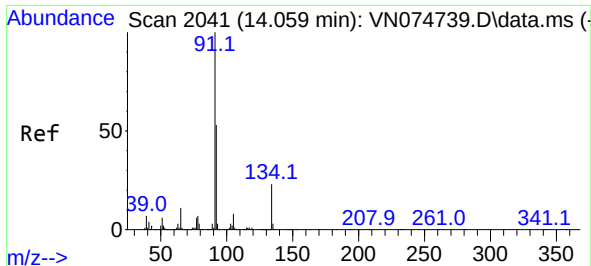
146 100

111 41.1 19.9 59.6

148 61.4 31.8 95.4



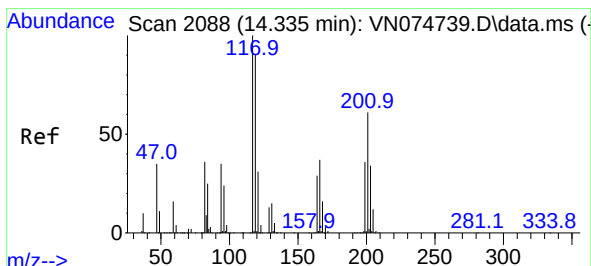
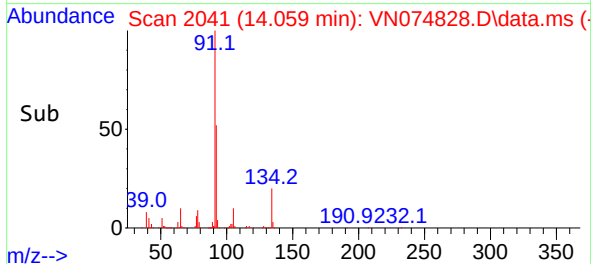
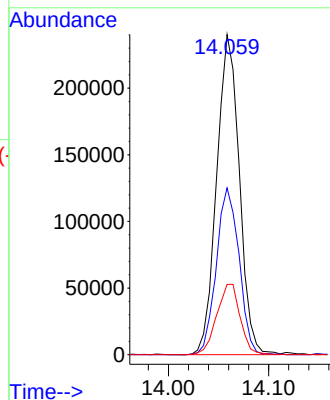
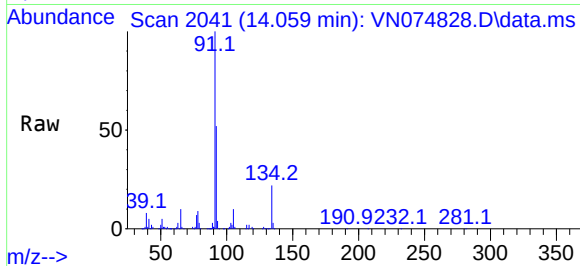




#89  
n-Butylbenzene  
Concen: 20.196 ug/l  
RT: 14.059 min Scan# 2041  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

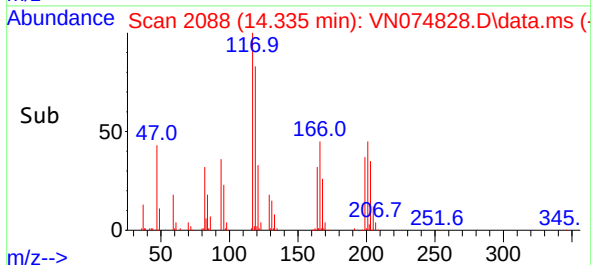
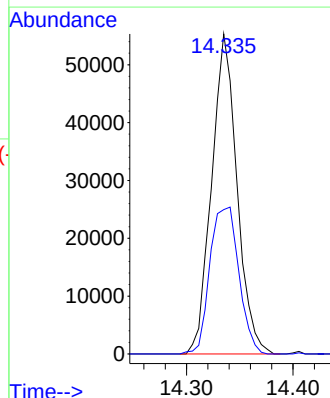
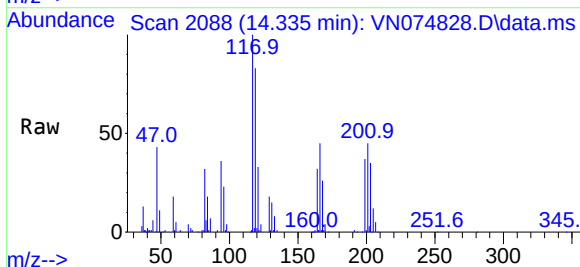
Instrument :  
MSVOA\_N  
ClientSampleId :

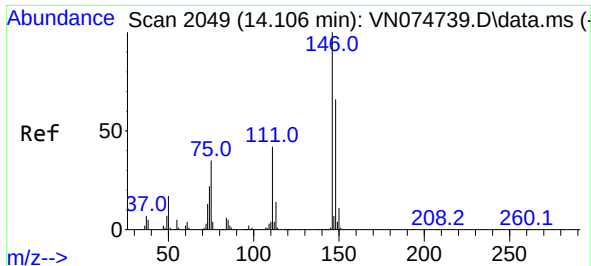
Tgt Ion: 91 Resp: 377778  
Ion Ratio Lower Upper  
91 100  
92 52.1 26.7 80.0  
134 22.8 11.9 35.5



#90  
Hexachloroethane  
Concen: 19.286 ug/l  
RT: 14.335 min Scan# 2088  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Tgt Ion: 117 Resp: 91516  
Ion Ratio Lower Upper  
117 100  
201 52.3 30.3 90.8

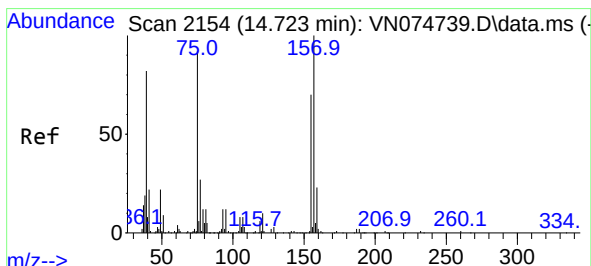
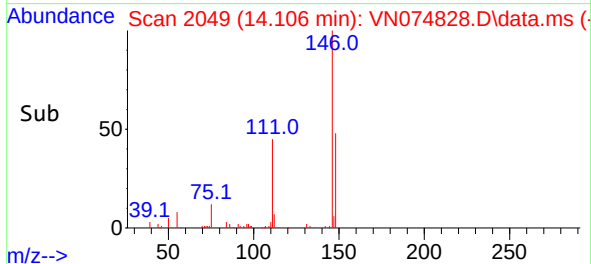
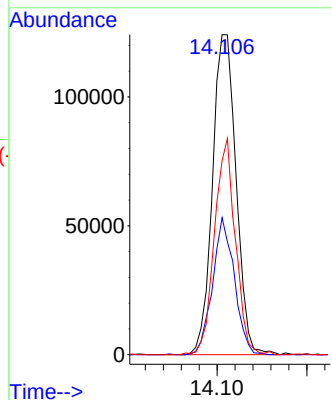
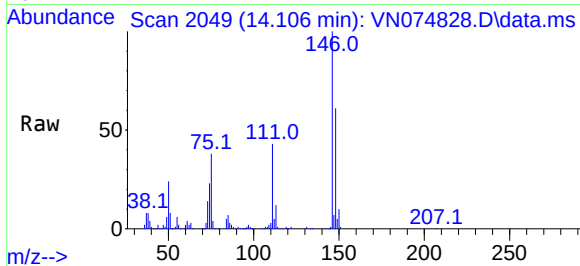




#91  
1,2-Dichlorobenzene  
Concen: 21.638 ug/l  
RT: 14.106 min Scan# 2049  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

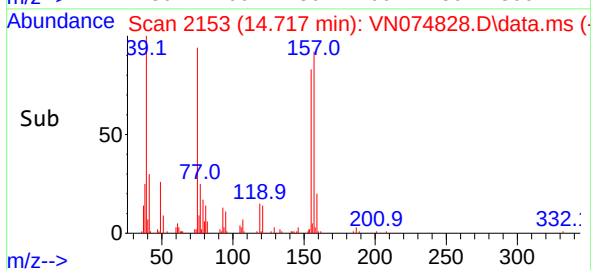
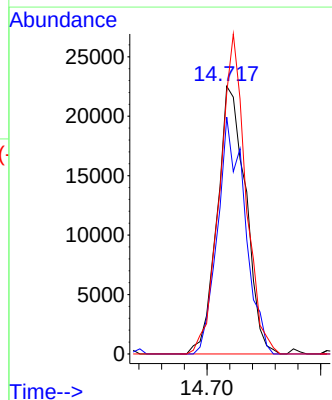
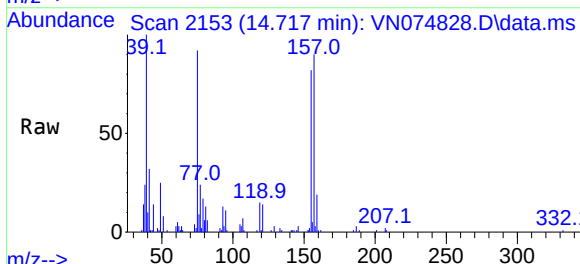
Instrument :  
MSVOA\_N  
ClientSampleId :

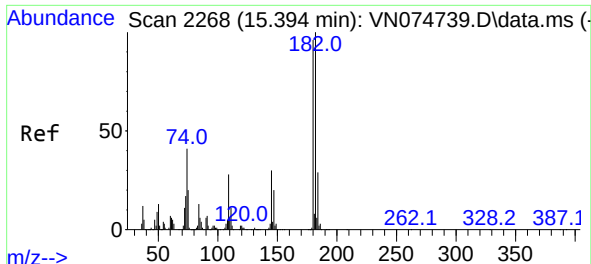
Tgt Ion:146 Resp: 226933  
Ion Ratio Lower Upper  
146 100  
111 39.4 21.5 64.5  
148 60.0 31.9 95.9



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 17.236 ug/l  
RT: 14.717 min Scan# 2153  
Delta R.T. -0.006 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

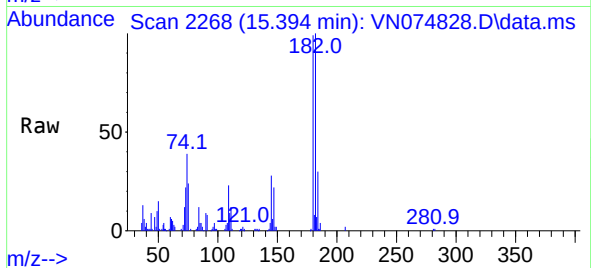
Tgt Ion: 75 Resp: 39230  
Ion Ratio Lower Upper  
75 100  
155 84.6 40.3 120.8  
157 109.1 51.3 153.9



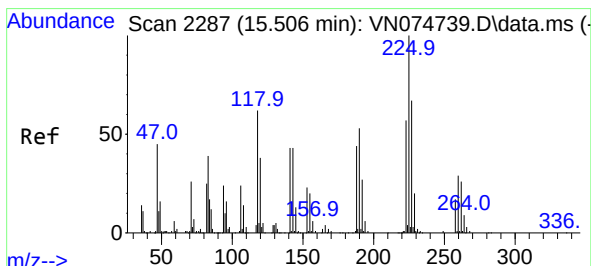
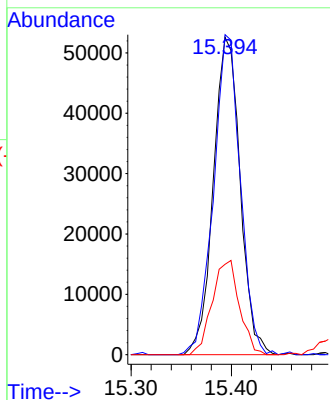
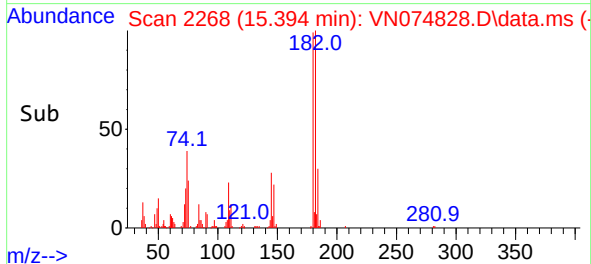


#93  
1,2,4-Trichlorobenzene  
Concen: 21.257 ug/l  
RT: 15.394 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Instrument :  
MSVOA\_N  
ClientSampleId :

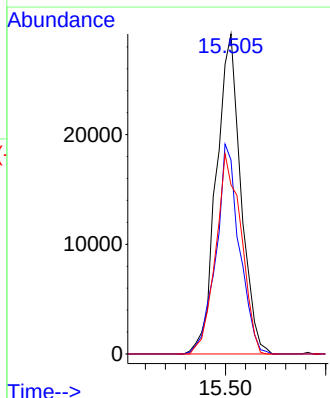
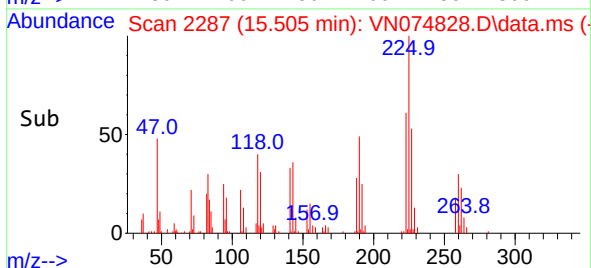
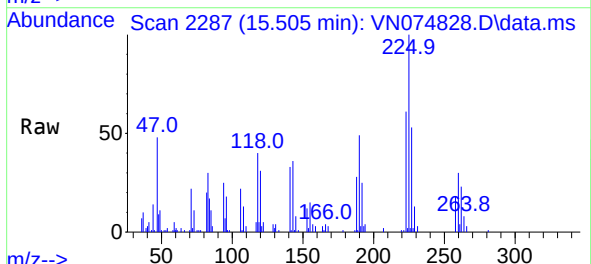


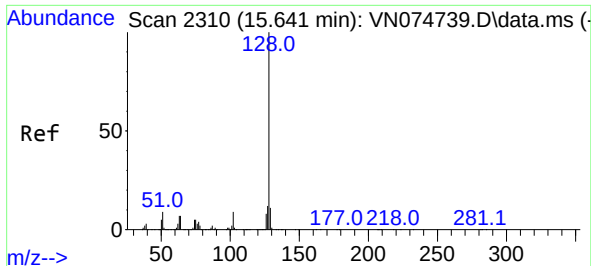
Tgt Ion:180 Resp: 97517  
Ion Ratio Lower Upper  
180 100  
182 100.7 48.5 145.5  
145 30.2 16.1 48.3



#94  
Hexachlorobutadiene  
Concen: 23.033 ug/l  
RT: 15.505 min Scan# 2287  
Delta R.T. -0.001 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Tgt Ion:225 Resp: 49430  
Ion Ratio Lower Upper  
225 100  
223 62.7 31.7 95.1  
227 65.0 31.2 93.6

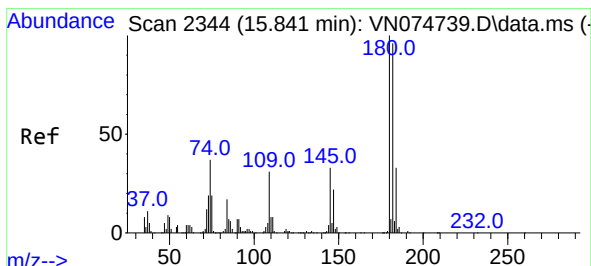
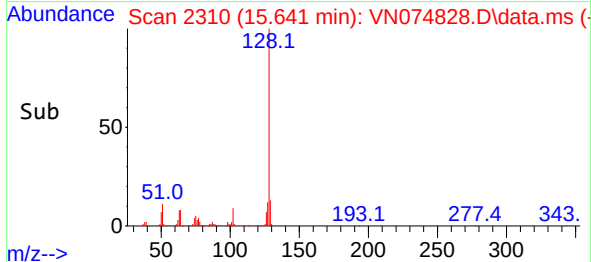
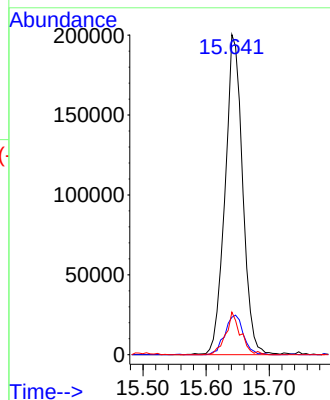
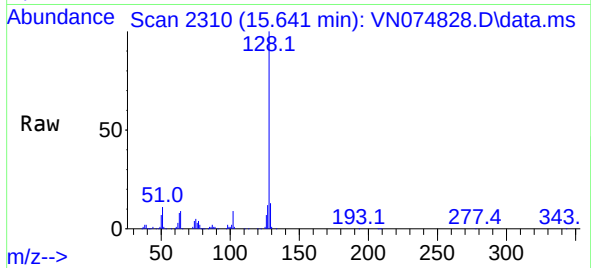




#95  
Naphthalene  
Concen: 19.492 ug/l  
RT: 15.641 min Scan# 2310  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:128 Resp: 386598  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.2 15.2  
129 11.3 9.0 13.4



#96  
1,2,3-Trichlorobenzene  
Concen: 21.326 ug/l  
RT: 15.841 min Scan# 2344  
Delta R.T. -0.000 min  
Lab File: VN074828.D  
Acq: 10 Oct 2022 13:26

Tgt Ion:180 Resp: 99085  
Ion Ratio Lower Upper  
180 100  
182 96.8 47.3 142.0  
145 32.7 17.1 51.2

