

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061924\  
 Data File : VN082654.D  
 Acq On : 19 Jun 2024 20:31  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jun 20 03:07:18 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061724W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 18 04:52:44 2024  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc    | Units | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|-------|----------|
| -----                        |                |      |                     |         |       |          |
| Internal Standards           |                |      |                     |         |       |          |
| 1) Pentafluorobenzene        | 8.224          | 168  | 180508              | 50.000  | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.106          | 114  | 304097              | 50.000  | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 11.870         | 117  | 282548              | 50.000  | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794         | 152  | 141505              | 50.000  | ug/l  | 0.00     |
| System Monitoring Compounds  |                |      |                     |         |       |          |
| 33) 1,2-Dichloroethane-d4    | 8.582          | 65   | 147530              | 50.966  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = 101.940% |         |       |          |
| 35) Dibromofluoromethane     | 8.171          | 113  | 103194              | 50.022  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 100.040% |         |       |          |
| 50) Toluene-d8               | 10.570         | 98   | 399380              | 51.193  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = 102.380% |         |       |          |
| 62) 4-Bromofluorobenzene     | 12.853         | 95   | 136722              | 50.833  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 64 - 133 |      | Recovery = 101.660% |         |       |          |
| Target Compounds             |                |      |                     |         |       |          |
|                              |                |      |                     |         |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.124          | 85   | 113808              | 45.144  | ug/l  | 99       |
| 3) Chloromethane             | 2.359          | 50   | 129646              | 42.899  | ug/l  | 98       |
| 4) Vinyl Chloride            | 2.512          | 62   | 129831              | 45.142  | ug/l  | 100      |
| 5) Bromomethane              | 2.936          | 94   | 77277               | 41.740  | ug/l  | 98       |
| 6) Chloroethane              | 3.106          | 64   | 100030              | 48.775  | ug/l  | 93       |
| 7) Trichlorofluoromethane    | 3.489          | 101  | 180607              | 48.134  | ug/l  | 99       |
| 8) Diethyl Ether             | 3.965          | 74   | 63243               | 49.492  | ug/l  | 100      |
| 9) 1,1,2-Trichlorotrifluo... | 4.365          | 101  | 102309              | 48.679  | ug/l  | 99       |
| 10) Methyl Iodide            | 4.589          | 142  | 115142              | 57.514  | ug/l  | 97       |
| 11) Tert butyl alcohol       | 5.530          | 59   | 116344              | 245.576 | ug/l  | 99       |
| 12) 1,1-Dichloroethene       | 4.336          | 96   | 93850               | 46.696  | ug/l  | 94       |
| 13) Acrolein                 | 4.177          | 56   | 105455              | 218.511 | ug/l  | 95       |
| 14) Allyl chloride           | 5.024          | 41   | 167025              | 42.493  | ug/l  | 97       |
| 15) Acrylonitrile            | 5.724          | 53   | 310840              | 248.563 | ug/l  | 100      |
| 16) Acetone                  | 4.430          | 43   | 301896              | 229.322 | ug/l  | 99       |
| 17) Carbon Disulfide         | 4.706          | 76   | 282691              | 44.290  | ug/l  | 99       |
| 18) Methyl Acetate           | 5.030          | 43   | 170044              | 52.812  | ug/l  | 98       |
| 19) Methyl tert-butyl Ether  | 5.800          | 73   | 336572              | 48.923  | ug/l  | 99       |
| 20) Methylene Chloride       | 5.283          | 84   | 109528              | 47.323  | ug/l  | 95       |
| 21) trans-1,2-Dichloroethene | 5.783          | 96   | 98646               | 46.183  | ug/l  | 97       |
| 22) Diisopropyl ether        | 6.677          | 45   | 406234              | 49.281  | ug/l  | 99       |
| 23) Vinyl Acetate            | 6.606          | 43   | 1610361             | 246.351 | ug/l  | 100      |
| 24) 1,1-Dichloroethane       | 6.571          | 63   | 211483              | 47.360  | ug/l  | 100      |
| 25) 2-Butanone               | 7.488          | 43   | 454544              | 242.916 | ug/l  | 100      |
| 26) 2,2-Dichloropropane      | 7.494          | 77   | 127757              | 32.980  | ug/l  | 97       |
| 27) cis-1,2-Dichloroethene   | 7.488          | 96   | 120201              | 46.704  | ug/l  | 94       |
| 28) Bromochloromethane       | 7.818          | 49   | 100345              | 49.240  | ug/l  | 99       |
| 29) Tetrahydrofuran          | 7.841          | 42   | 310929              | 271.434 | ug/l  | 99       |
| 30) Chloroform               | 7.971          | 83   | 210980              | 48.435  | ug/l  | 98       |
| 31) Cyclohexane              | 8.259          | 56   | 182598              | 43.709  | ug/l  | 98       |
| 32) 1,1,1-Trichloroethane    | 8.171          | 97   | 187232              | 47.400  | ug/l  | 99       |
| 36) 1,1-Dichloropropene      | 8.371          | 75   | 146934              | 47.646  | ug/l  | 99       |
| 37) Ethyl Acetate            | 7.565          | 43   | 186725              | 47.533  | ug/l  | 100      |
| 38) Carbon Tetrachloride     | 8.365          | 117  | 162077              | 46.635  | ug/l  | 98       |
| 39) Methylcyclohexane        | 9.606          | 83   | 149533              | 46.074  | ug/l  | 98       |
| 40) Benzene                  | 8.606          | 78   | 455218              | 47.772  | ug/l  | 100      |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jun 20 03:07:18 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061724W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 18 04:52:44 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.782  | 41   | 99953    | 49.777   | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 173467   | 47.859   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.694  | 43   | 342387   | 46.638   | ug/l   | 98       |
| 44) Trichloroethene           | 9.353  | 130  | 100378   | 45.365   | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.623  | 63   | 116825   | 47.630   | ug/l   | 98       |
| 46) Dibromomethane            | 9.712  | 93   | 80182    | 48.226   | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.888  | 83   | 171467   | 48.373   | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.682  | 41   | 152017   | 50.230   | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 52958    | 1118.702 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 993448   | 263.829  | ug/l   | 100      |
| 52) Toluene                   | 10.635 | 92   | 287742   | 49.827   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 172150   | 47.507   | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 177473   | 47.361   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 107300   | 51.336   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 183340   | 52.961   | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 190013   | 49.175   | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 499153   | 272.569  | ug/l   | 98       |
| 59) 2-Hexanone                | 11.200 | 43   | 759539   | 265.392  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.359 | 129  | 130313   | 51.074   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.470 | 107  | 108370   | 49.176   | ug/l   | 97       |
| 64) Tetrachloroethene         | 11.106 | 164  | 94120    | 40.401   | ug/l   | 95       |
| 65) Chlorobenzene             | 11.894 | 112  | 306964   | 47.376   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 112980   | 48.901   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.965 | 91   | 547879   | 49.626   | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.076 | 106  | 419183   | 102.059  | ug/l   | 100      |
| 69) o-Xylene                  | 12.400 | 106  | 200956   | 52.077   | ug/l   | 97       |
| 70) Styrene                   | 12.412 | 104  | 353371   | 53.955   | ug/l   | 99       |
| 71) Bromoform                 | 12.582 | 173  | 91739    | 50.223   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.700 | 105  | 509425   | 47.409   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 286541   | 49.967   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 165984   | 47.356   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 226361   | 65.403   | ug/l   | 41       |
| 77) Bromobenzene              | 12.982 | 156  | 127550   | 46.116   | ug/l   | 99       |
| 78) n-propylbenzene           | 13.035 | 91   | 619793   | 48.763   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 375902   | 47.160   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 437892   | 50.217   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 59082    | 40.841   | ug/l   | 89       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 377390   | 47.396   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 366372   | 49.324   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 443661   | 50.718   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.617 | 105  | 512546   | 48.587   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 432578   | 50.922   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 232673   | 46.397   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.811 | 146  | 234411   | 44.720   | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.059 | 91   | 360290   | 47.814   | ug/l   | 100      |
| 90) Hexachloroethane          | 14.335 | 117  | 87348    | 47.258   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 225998   | 46.155   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 35152    | 47.389   | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 111780   | 43.292   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.505 | 225  | 48742    | 38.287   | ug/l   | 98       |
| 95) Naphthalene               | 15.641 | 128  | 390880   | 49.207   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 117743   | 44.747   | ug/l   | 98       |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 28 Sample Multiplier: 1

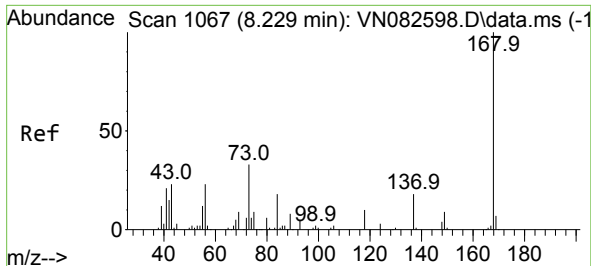
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Jun 20 03:07:18 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061724W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 18 04:52:44 2024  
Response via : Initial Calibration

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

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

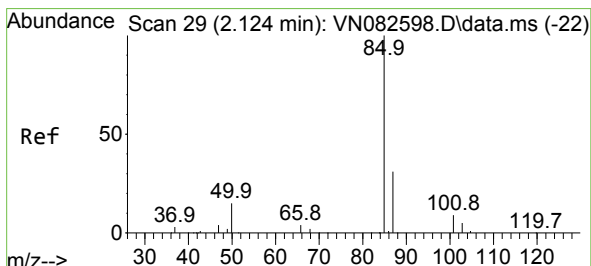
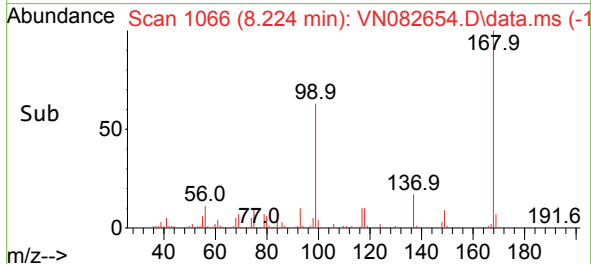
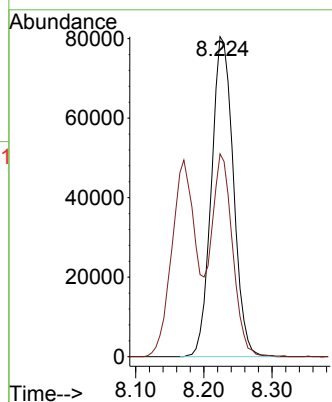
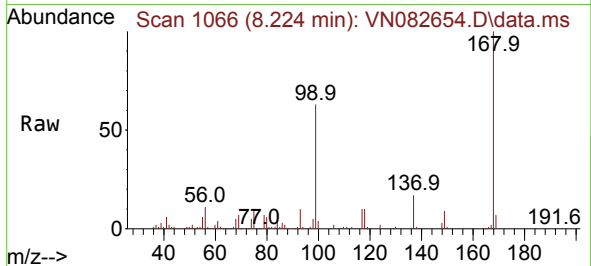




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 10  
Delta R.T. -0.005 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

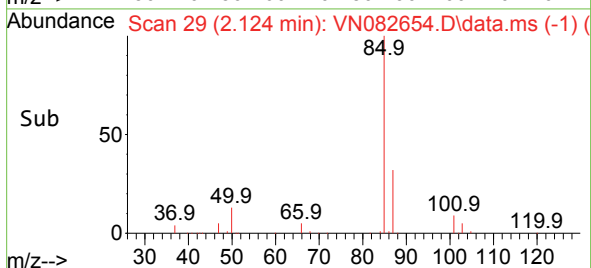
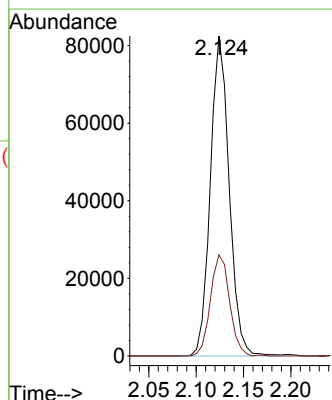
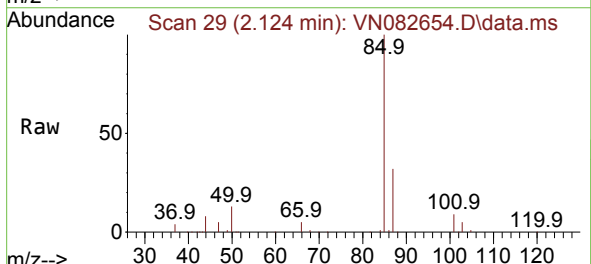
Instrument :  
MSVOA\_N  
ClientSampleId :

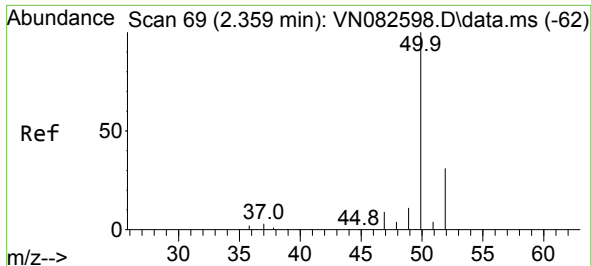
Tgt Ion:168 Resp: 180508  
Ion Ratio Lower Upper  
168 100  
99 63.1 48.2 72.4



#2  
Dichlorodifluoromethane  
Concen: 45.144 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

Tgt Ion: 85 Resp: 113808  
Ion Ratio Lower Upper  
85 100  
87 31.6 15.7 47.0

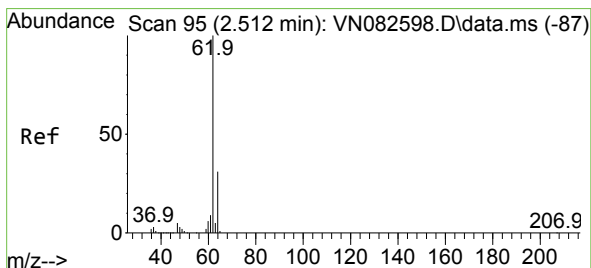
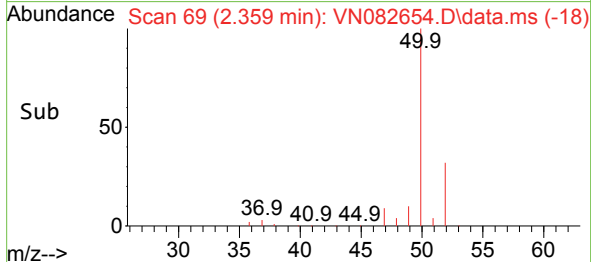
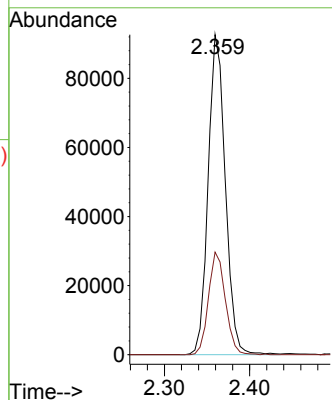
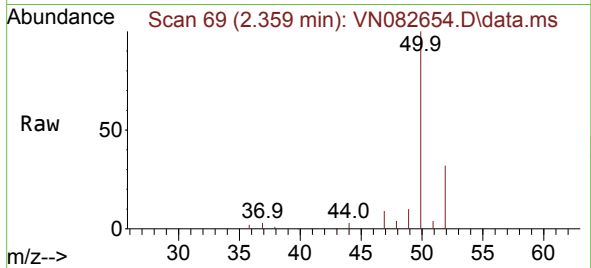




#3  
Chloromethane  
Concen: 42.899 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

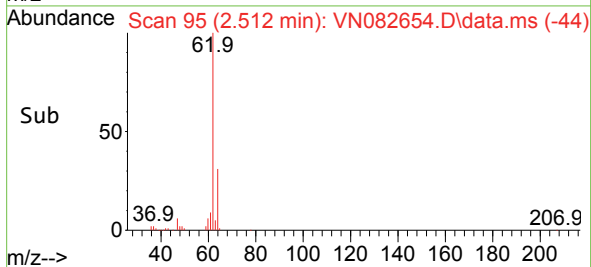
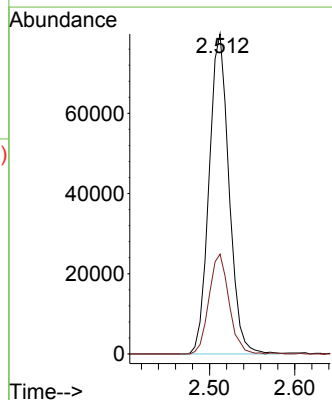
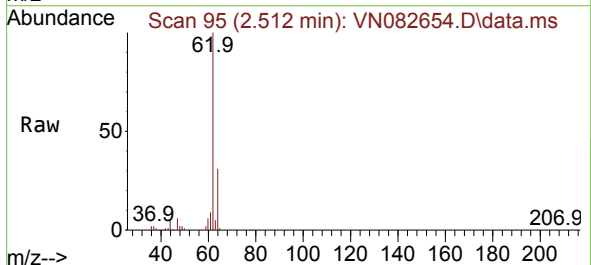
Instrument :  
MSVOA\_N  
ClientSampleId :

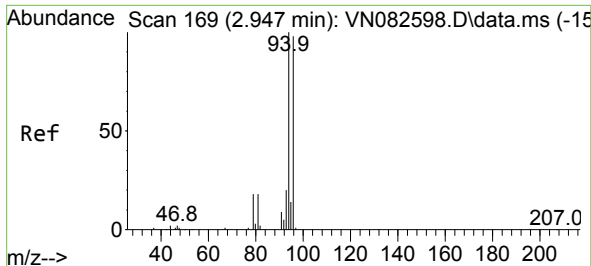
Tgt Ion: 50 Resp: 129646  
Ion Ratio Lower Upper  
50 100  
52 32.0 25.0 37.4



#4  
Vinyl Chloride  
Concen: 45.142 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

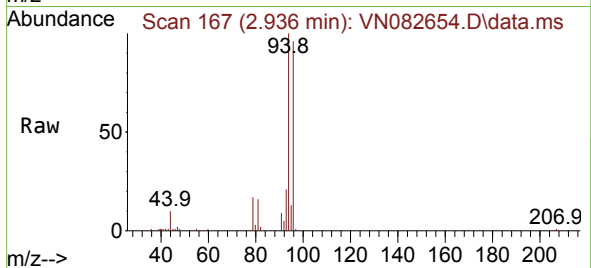
Tgt Ion: 62 Resp: 129831  
Ion Ratio Lower Upper  
62 100  
64 31.2 25.0 37.6



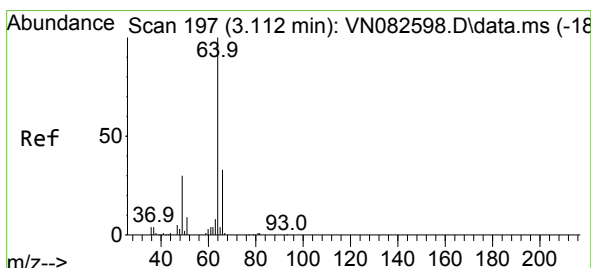
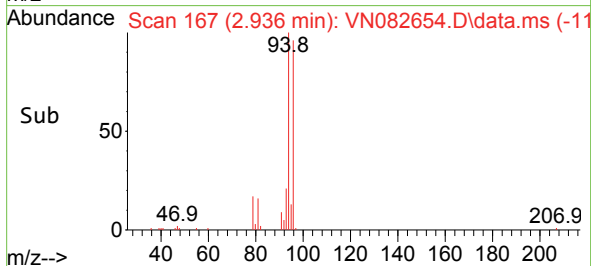
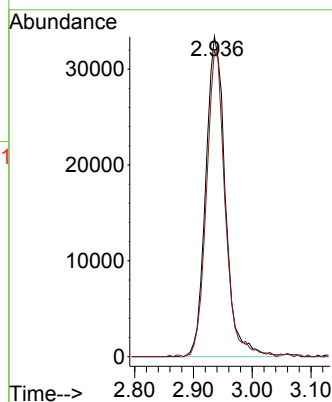


#5  
Bromomethane  
Concen: 41.740 ug/l  
RT: 2.936 min Scan# 11  
Delta R.T. -0.011 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

Instrument :  
MSVOA\_N  
ClientSampleId :

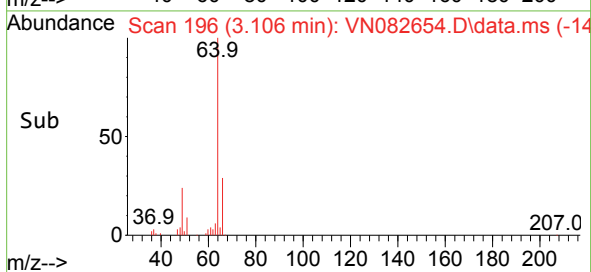
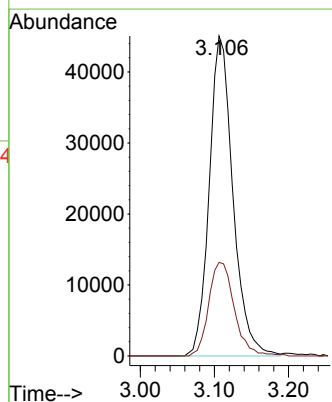
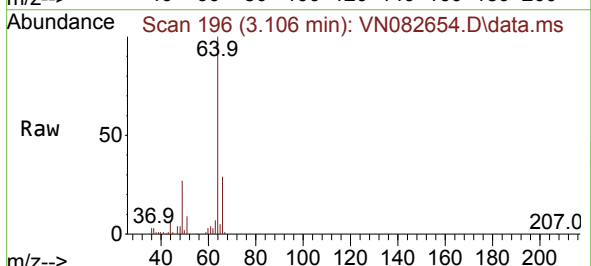


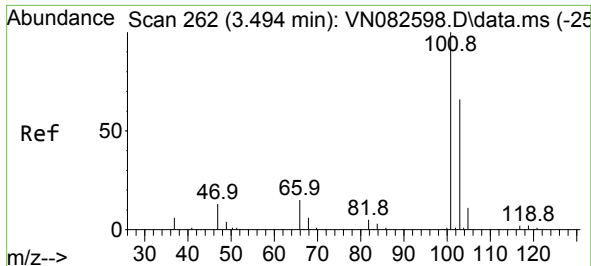
Tgt Ion: 94 Resp: 77277  
Ion Ratio Lower Upper  
94 100  
96 95.2 78.0 117.0



#6  
Chloroethane  
Concen: 48.775 ug/l  
RT: 3.106 min Scan# 196  
Delta R.T. -0.006 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

Tgt Ion: 64 Resp: 100030  
Ion Ratio Lower Upper  
64 100  
66 29.3 26.6 40.0

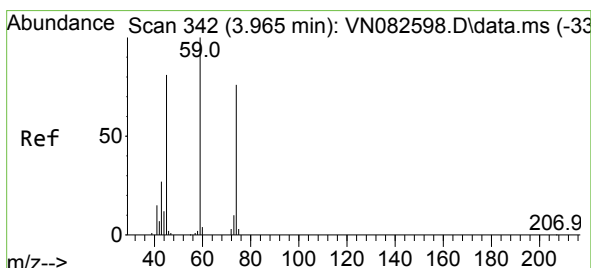
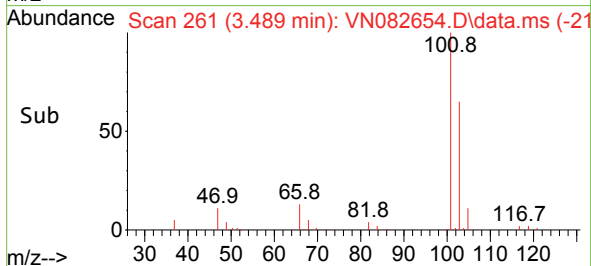
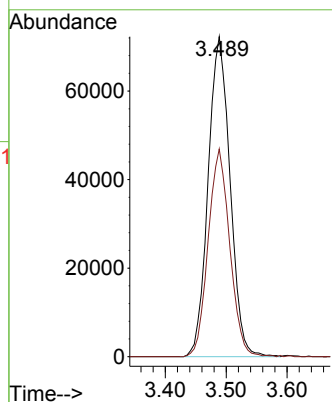
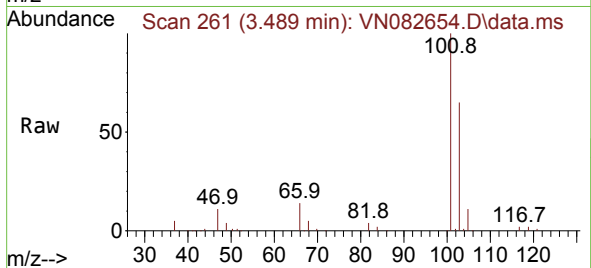




#7  
 Trichlorofluoromethane  
 Concen: 48.134 ug/l  
 RT: 3.489 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: VN082654.D  
 Acq: 19 Jun 2024 20:31

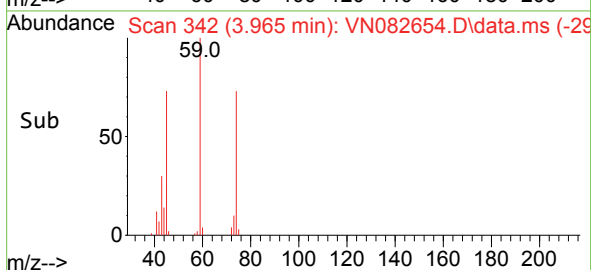
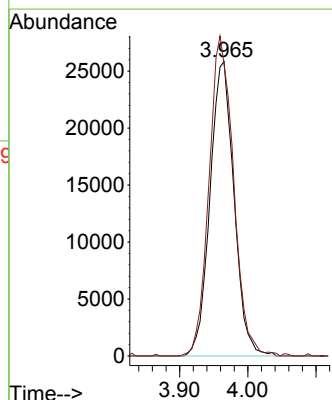
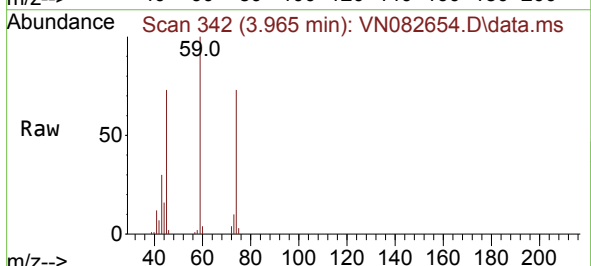
Instrument :  
 MSVOA\_N  
 ClientSampleId :

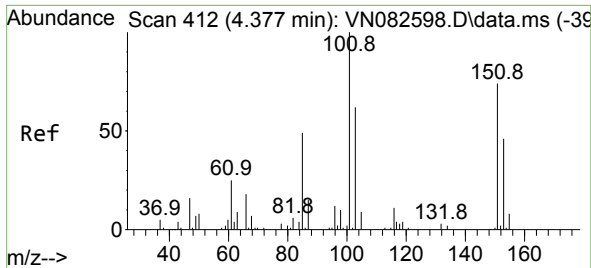
Tgt Ion:101 Resp: 180607  
 Ion Ratio Lower Upper  
 101 100  
 103 64.9 52.7 79.1



#8  
 Diethyl Ether  
 Concen: 49.492 ug/l  
 RT: 3.965 min Scan# 342  
 Delta R.T. 0.000 min  
 Lab File: VN082654.D  
 Acq: 19 Jun 2024 20:31

Tgt Ion: 74 Resp: 63243  
 Ion Ratio Lower Upper  
 74 100  
 45 111.4 55.5 166.3

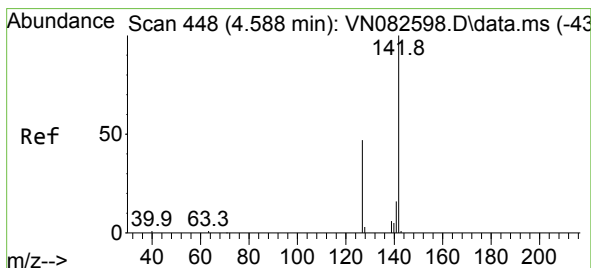
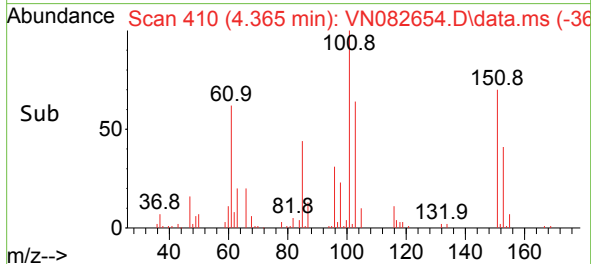
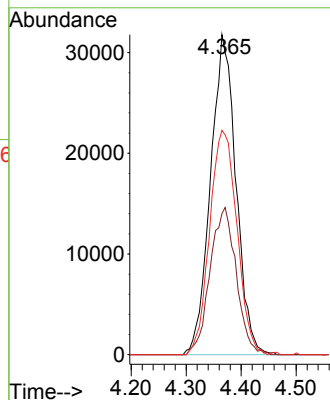
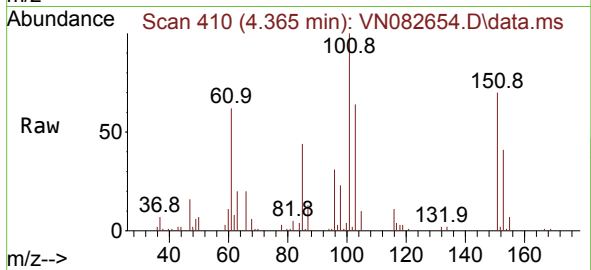




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.679 ug/l  
RT: 4.365 min Scan# 412  
Delta R.T. -0.012 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

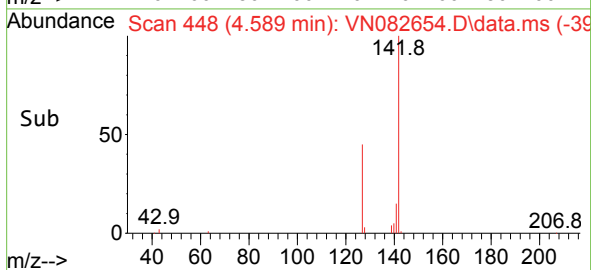
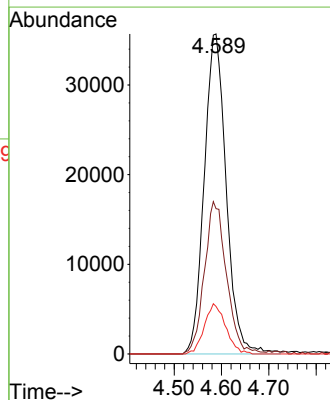
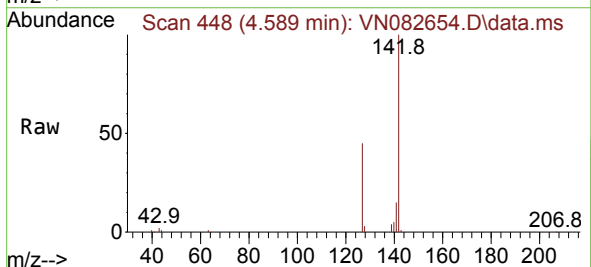
Instrument :  
MSVOA\_N  
ClientSampleId :

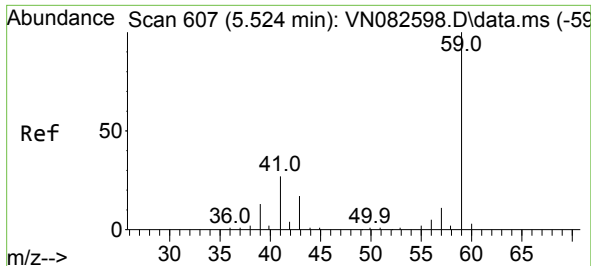
Tgt Ion:101 Resp: 102309  
Ion Ratio Lower Upper  
101 100  
85 47.3 38.3 57.5  
151 75.1 59.3 88.9



#10  
Methyl Iodide  
Concen: 57.514 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

Tgt Ion:142 Resp: 115142  
Ion Ratio Lower Upper  
142 100  
127 45.4 37.5 56.3  
141 14.8 13.1 19.7

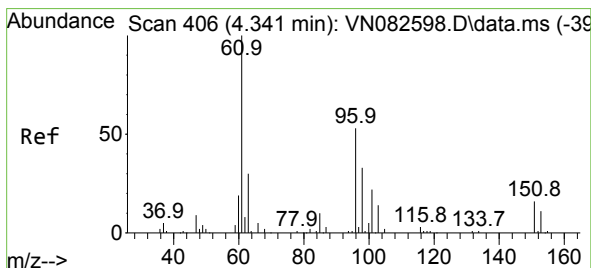
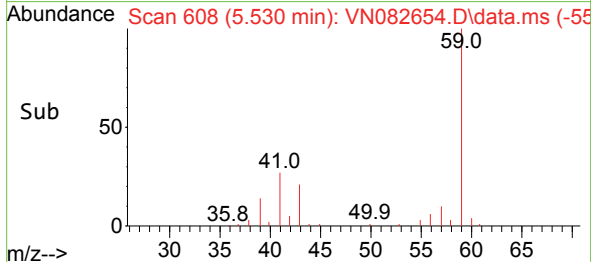
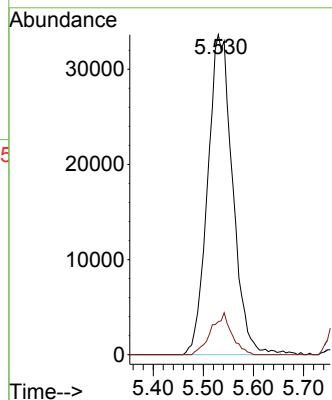
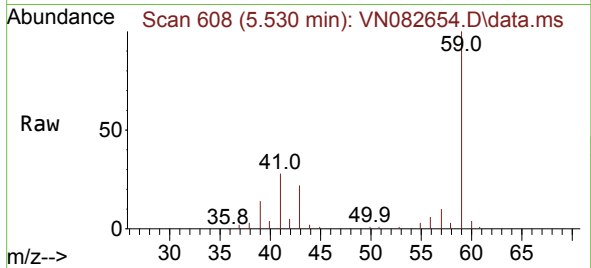




#11  
Tert butyl alcohol  
Concen: 245.576 ug/l  
RT: 5.530 min Scan# 607  
Delta R.T. 0.006 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

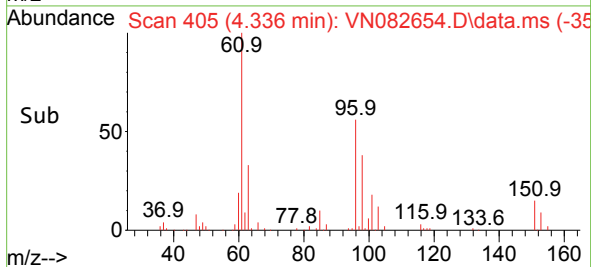
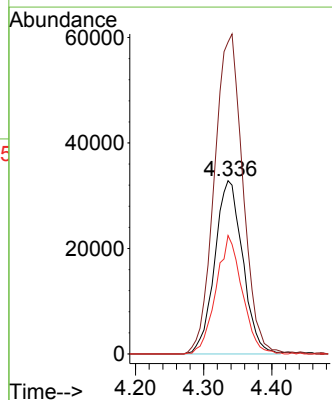
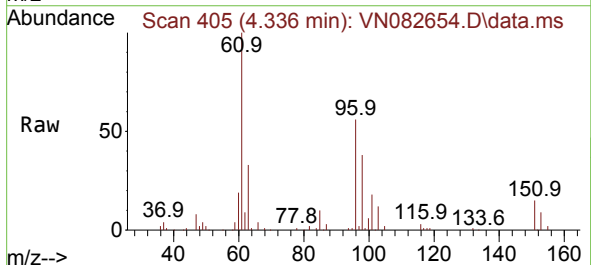
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 59 Resp: 116344  
Ion Ratio Lower Upper  
59 100  
57 10.9 8.9 13.3



#12  
1,1-Dichloroethene  
Concen: 46.696 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. -0.006 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

Tgt Ion: 96 Resp: 93850  
Ion Ratio Lower Upper  
96 100  
61 179.9 149.7 224.5  
98 68.4 50.1 75.1

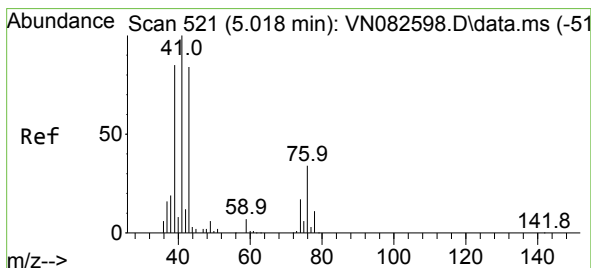
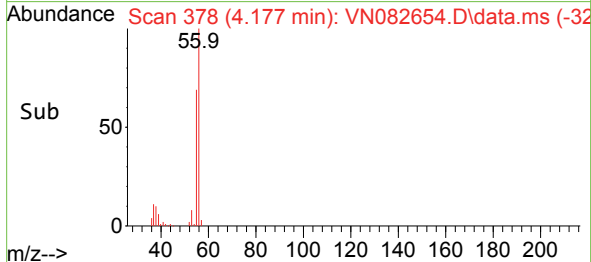
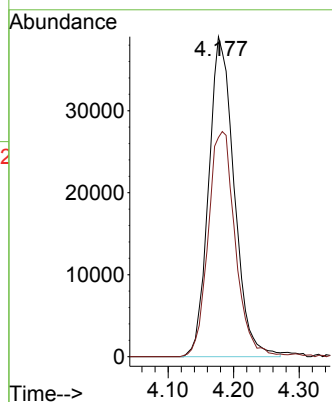
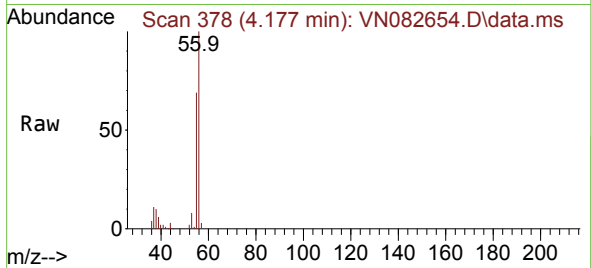




#13  
Acrolein  
Concen: 218.511 ug/l  
RT: 4.177 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

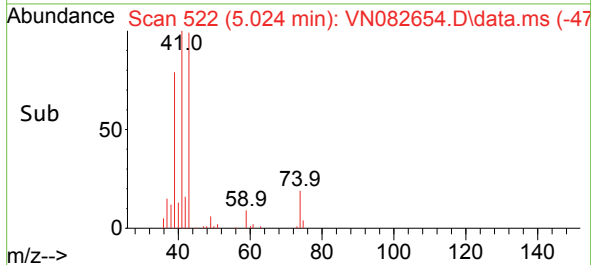
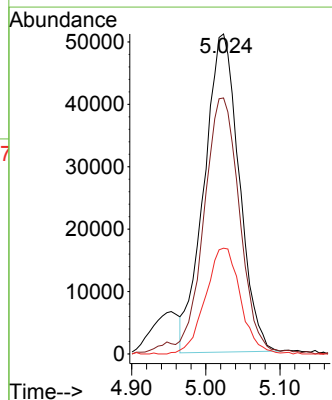
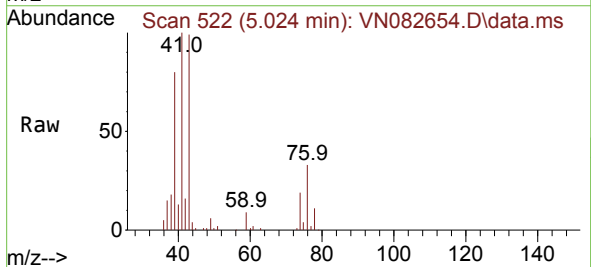
Instrument :  
MSVOA\_N  
ClientSampleId :

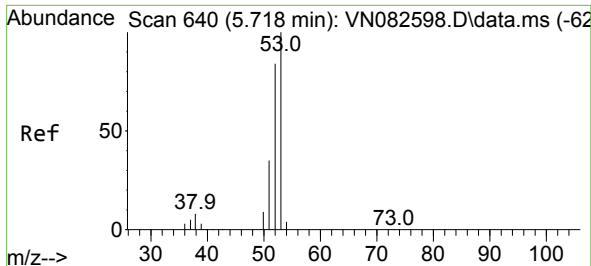
Tgt Ion: 56 Resp: 105455  
Ion Ratio Lower Upper  
56 100  
55 74.6 56.4 84.6



#14  
Allyl chloride  
Concen: 42.493 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

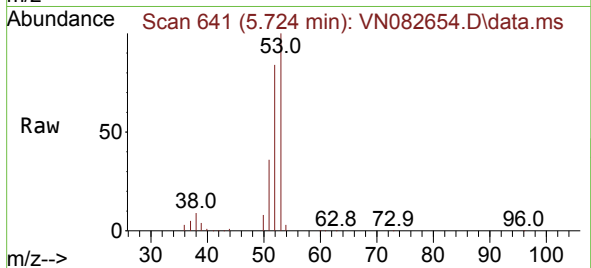
Tgt Ion: 41 Resp: 167025  
Ion Ratio Lower Upper  
41 100  
39 82.2 67.8 101.6  
76 33.4 25.8 38.8



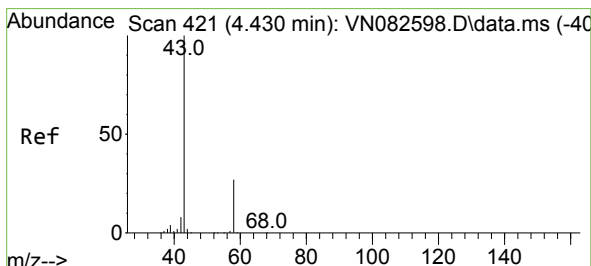
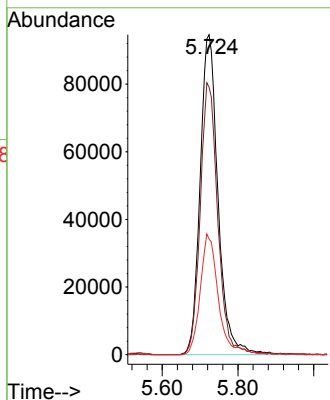
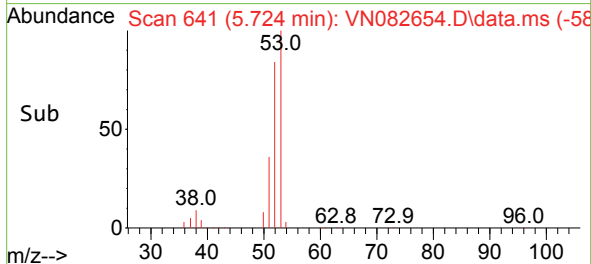


#15  
Acrylonitrile  
Concen: 248.563 ug/l  
RT: 5.724 min Scan# 641  
Delta R.T. 0.006 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

Instrument :  
MSVOA\_N  
ClientSampleId :

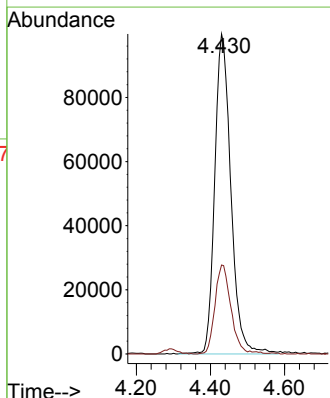
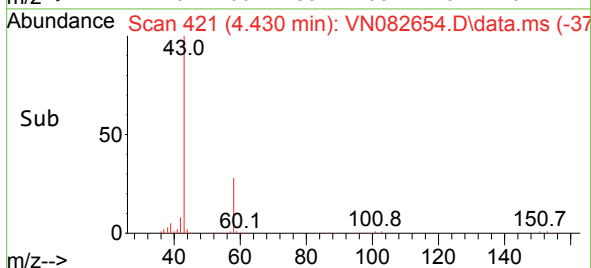
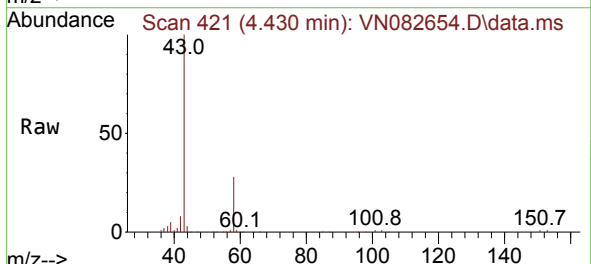


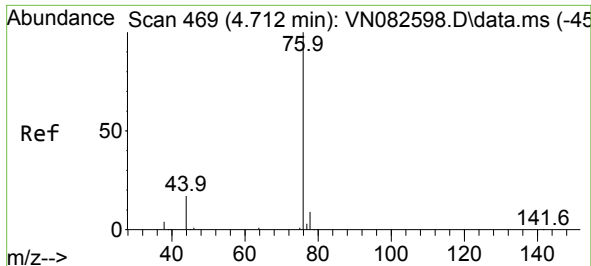
Tgt Ion: 53 Resp: 310840  
Ion Ratio Lower Upper  
53 100  
52 83.1 66.6 100.0  
51 38.0 30.1 45.1



#16  
Acetone  
Concen: 229.322 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

Tgt Ion: 43 Resp: 301896  
Ion Ratio Lower Upper  
43 100  
58 27.5 21.8 32.6

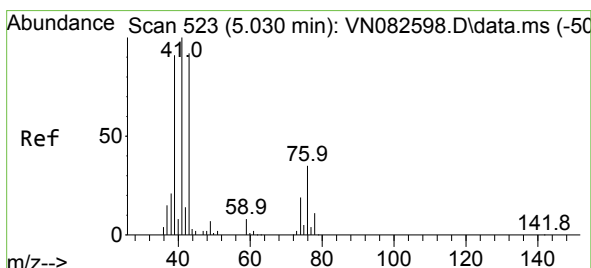
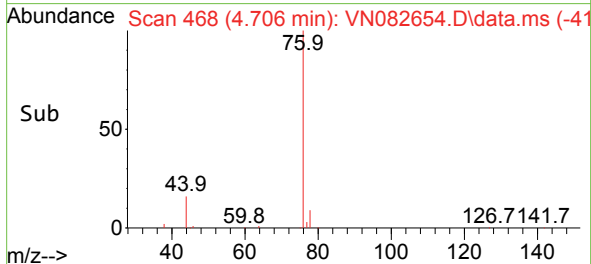
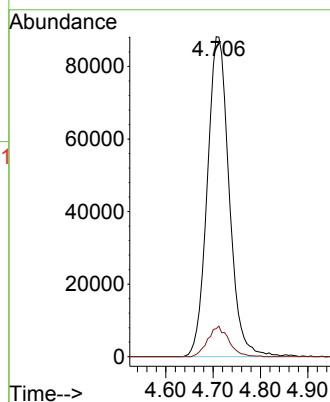
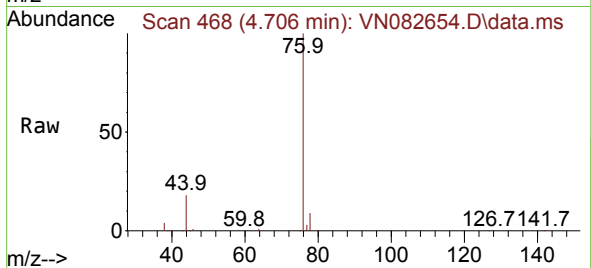




#17  
Carbon Disulfide  
Concen: 44.290 ug/l  
RT: 4.706 min Scan# 407  
Delta R.T. -0.006 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

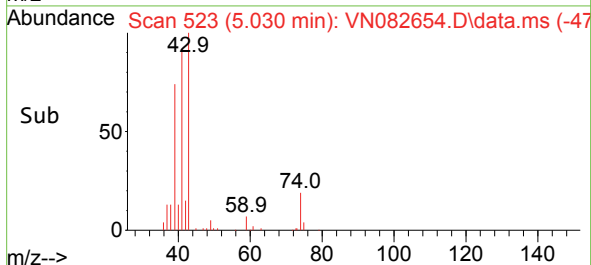
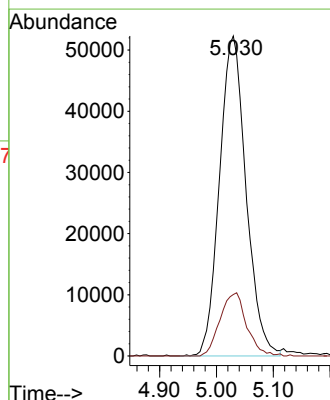
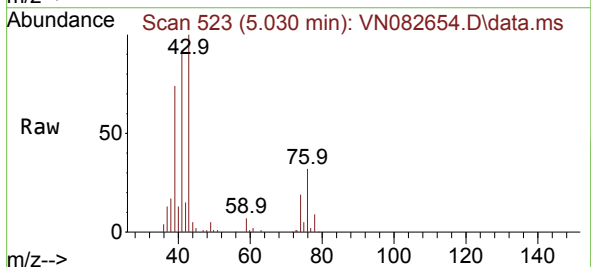
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 76 Resp: 282691  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.2 10.8



#18  
Methyl Acetate  
Concen: 52.812 ug/l  
RT: 5.030 min Scan# 523  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

Tgt Ion: 43 Resp: 170044  
Ion Ratio Lower Upper  
43 100  
74 19.7 16.3 24.5

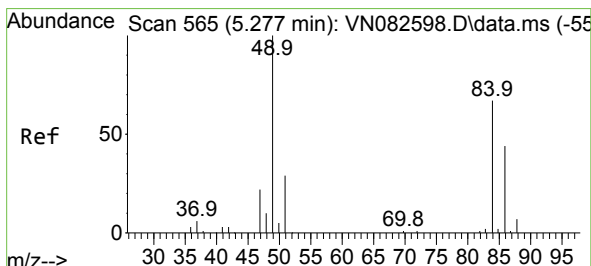
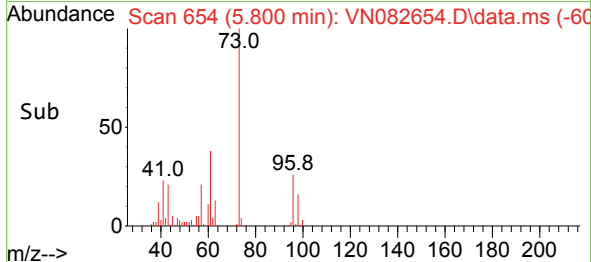
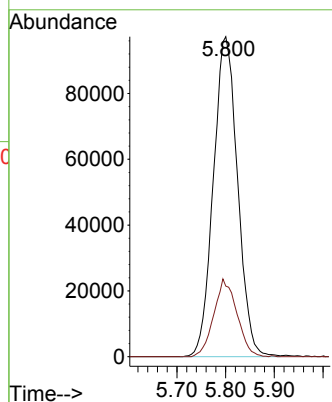
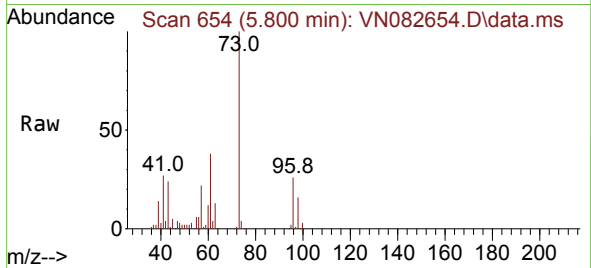




#19  
Methyl tert-butyl Ether  
Concen: 48.923 ug/l  
RT: 5.800 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

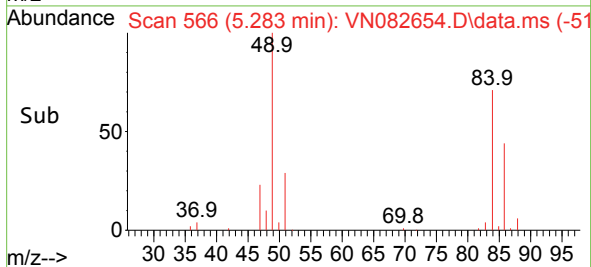
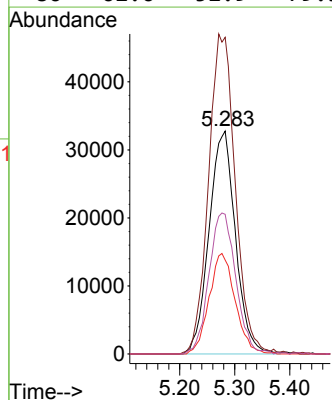
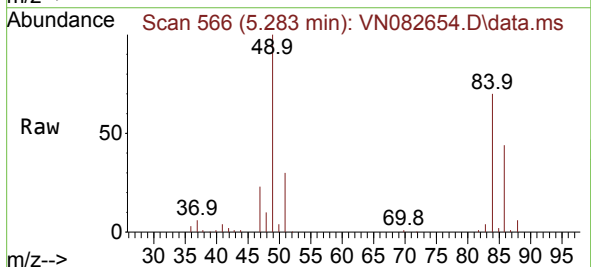
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 73 Resp: 336572  
Ion Ratio Lower Upper  
73 100  
57 22.0 17.9 26.9



#20  
Methylene Chloride  
Concen: 47.323 ug/l  
RT: 5.283 min Scan# 566  
Delta R.T. 0.006 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

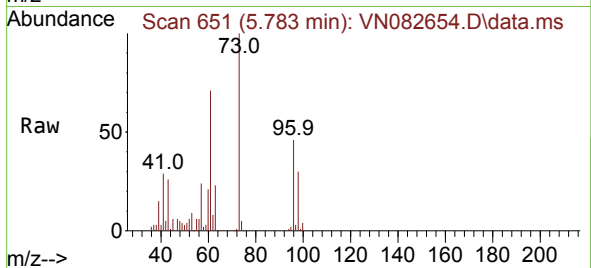
Tgt Ion: 84 Resp: 109528  
Ion Ratio Lower Upper  
84 100  
49 142.1 119.6 179.4  
51 42.1 34.8 52.2  
86 62.6 52.9 79.3



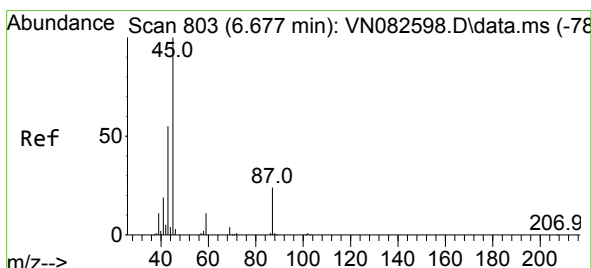
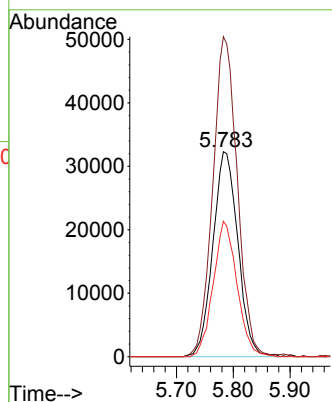
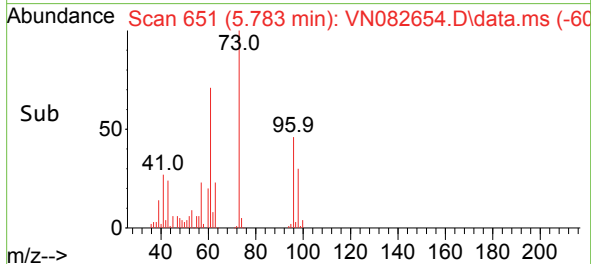


#21  
trans-1,2-Dichloroethene  
Concen: 46.183 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

Instrument :  
MSVOA\_N  
ClientSampleId :

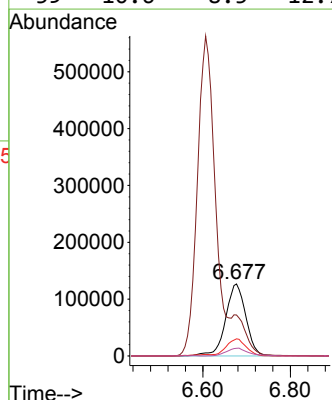
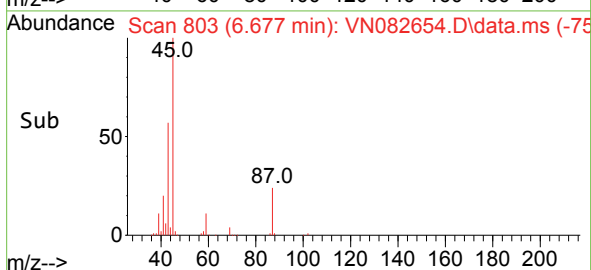
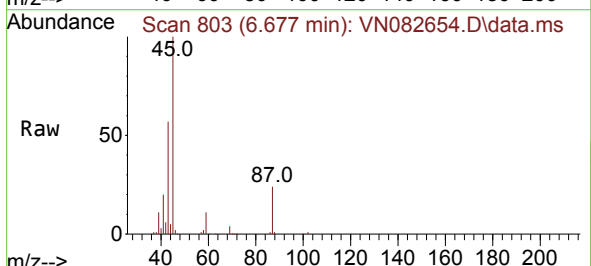


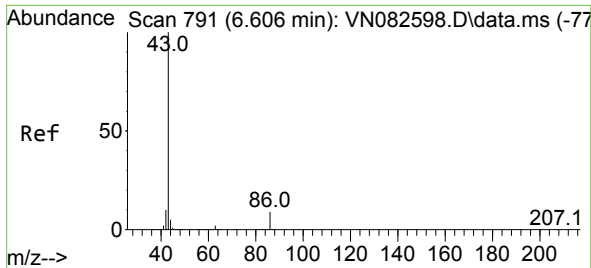
Tgt Ion: 96 Resp: 98646  
Ion Ratio Lower Upper  
96 100  
61 156.2 123.4 185.2  
98 66.1 49.3 73.9



#22  
Diisopropyl ether  
Concen: 49.281 ug/l  
RT: 6.677 min Scan# 803  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

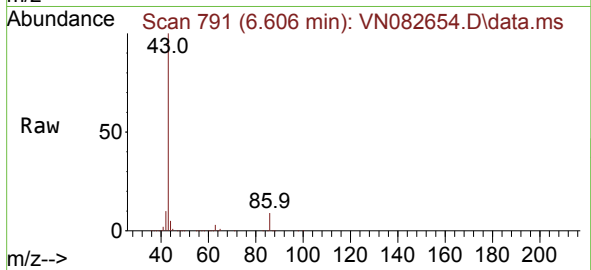
Tgt Ion: 45 Resp: 406234  
Ion Ratio Lower Upper  
45 100  
43 56.0 44.0 66.0  
87 23.9 19.7 29.5  
59 10.6 8.5 12.7



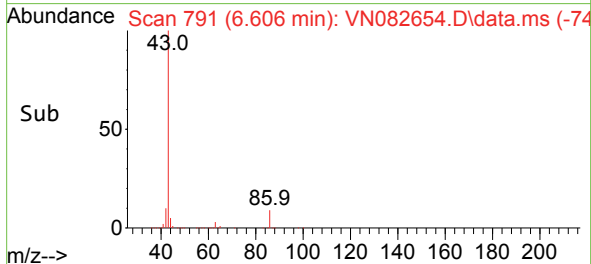
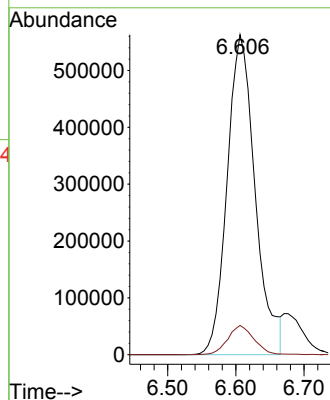


#23  
 Vinyl Acetate  
 Concen: 246.351 ug/l  
 RT: 6.606 min Scan# 791  
 Delta R.T. 0.000 min  
 Lab File: VN082654.D  
 Acq: 19 Jun 2024 20:31

Instrument :  
 MSVOA\_N  
 ClientSampleId :

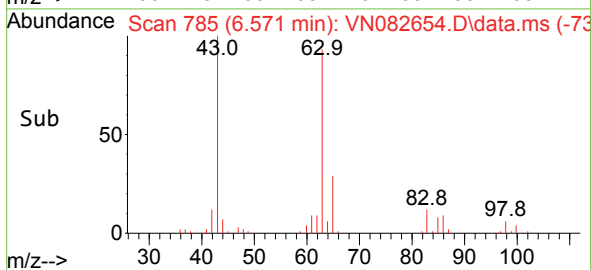
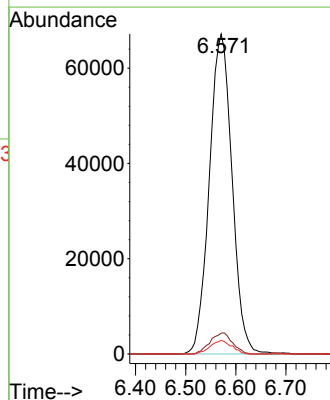
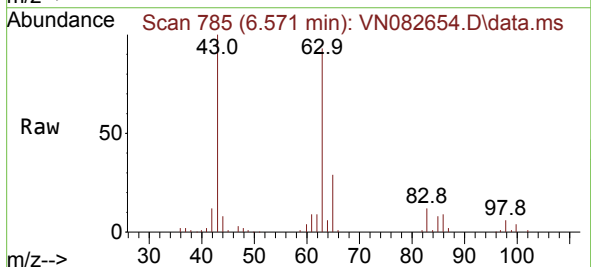


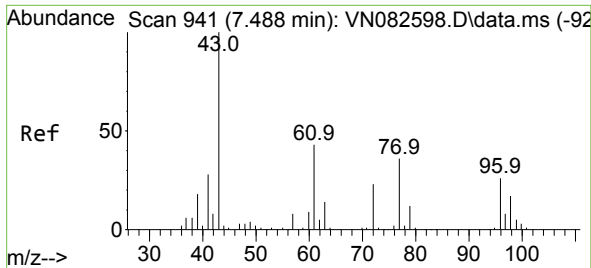
Tgt Ion: 43 Resp: 1610361  
 Ion Ratio Lower Upper  
 43 100  
 86 9.1 7.3 10.9



#24  
 1,1-Dichloroethane  
 Concen: 47.360 ug/l  
 RT: 6.571 min Scan# 785  
 Delta R.T. 0.000 min  
 Lab File: VN082654.D  
 Acq: 19 Jun 2024 20:31

Tgt Ion: 63 Resp: 211483  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.3 9.9  
 100 4.3 2.0 6.0

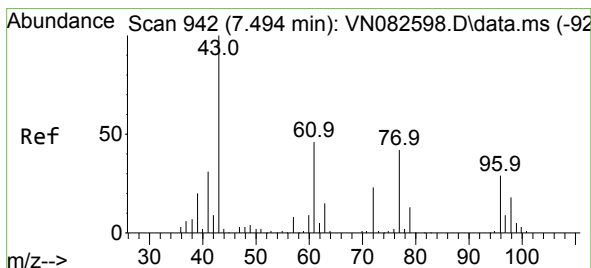
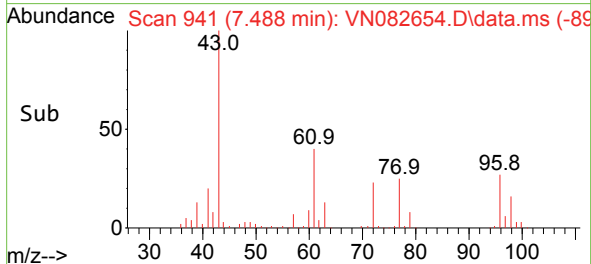
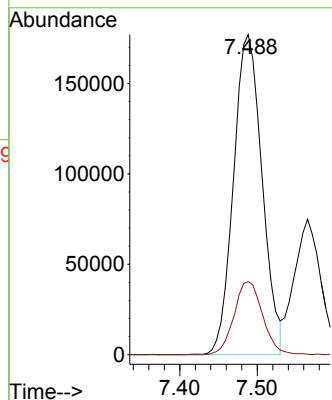
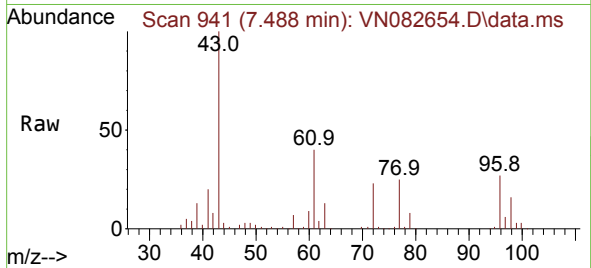




#25  
2-Butanone  
Concen: 242.916 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

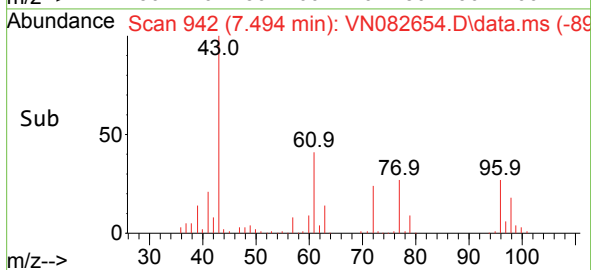
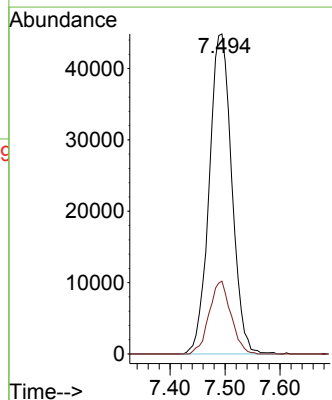
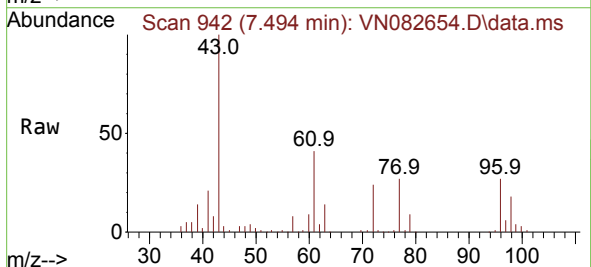
Instrument :  
MSVOA\_N  
ClientSampleId :

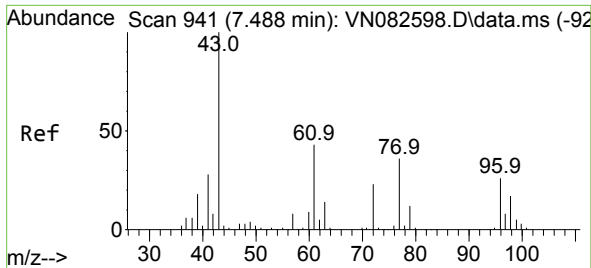
Tgt Ion: 43 Resp: 454544  
Ion Ratio Lower Upper  
43 100  
72 22.8 18.2 27.2



#26  
2,2-Dichloropropane  
Concen: 32.980 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

Tgt Ion: 77 Resp: 127757  
Ion Ratio Lower Upper  
77 100  
97 22.0 10.3 30.9

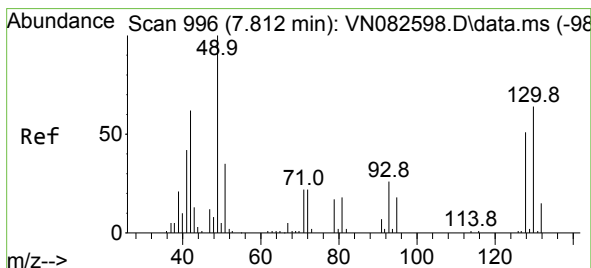
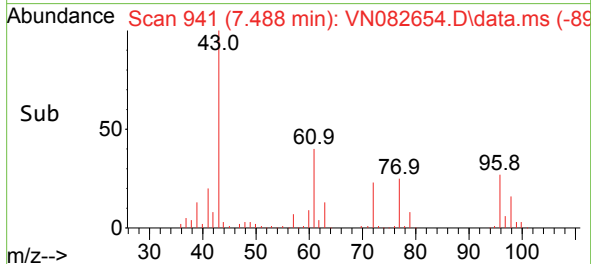
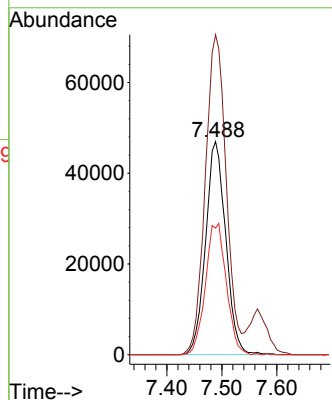
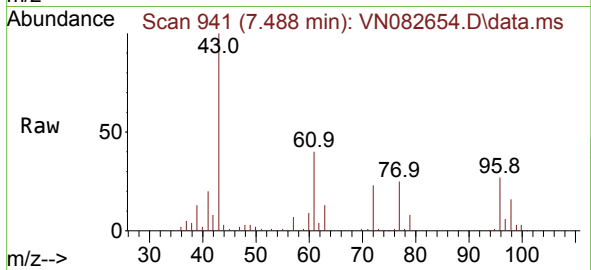




#27  
 cis-1,2-Dichloroethene  
 Concen: 46.704 ug/l  
 RT: 7.488 min Scan# 941  
 Delta R.T. 0.000 min  
 Lab File: VN082654.D  
 Acq: 19 Jun 2024 20:31

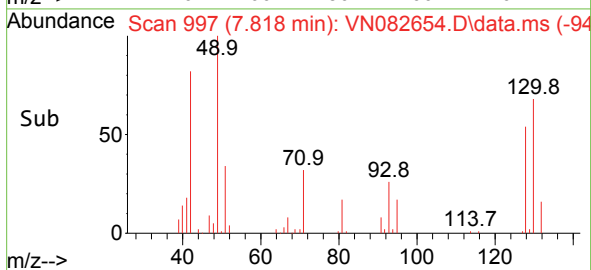
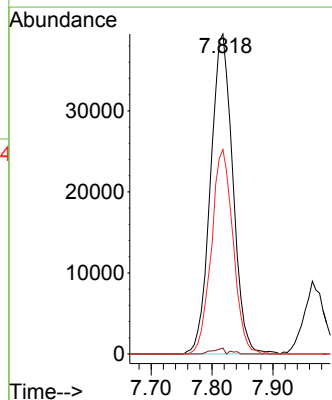
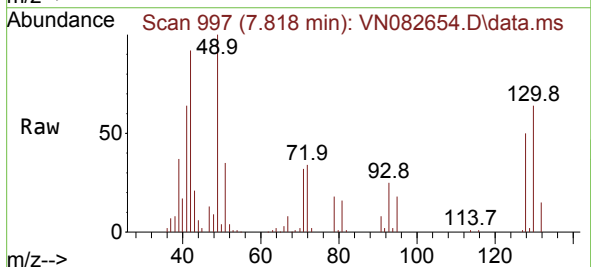
Instrument :  
 MSVOA\_N  
 ClientSampleId :

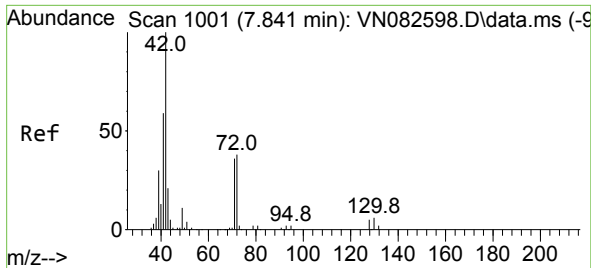
Tgt Ion: 96 Resp: 120201  
 Ion Ratio Lower Upper  
 96 100  
 61 154.8 0.0 329.6  
 98 63.7 0.0 128.6



#28  
 Bromochloromethane  
 Concen: 49.240 ug/l  
 RT: 7.818 min Scan# 997  
 Delta R.T. 0.006 min  
 Lab File: VN082654.D  
 Acq: 19 Jun 2024 20:31

Tgt Ion: 49 Resp: 100345  
 Ion Ratio Lower Upper  
 49 100  
 129 1.2 0.0 3.8  
 130 62.2 50.5 75.7

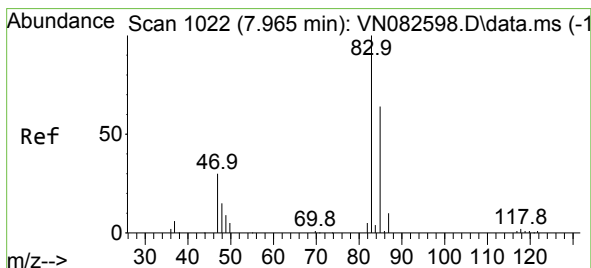
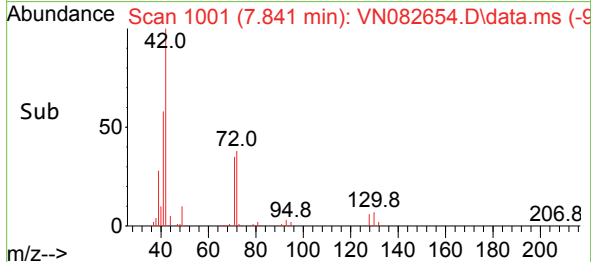
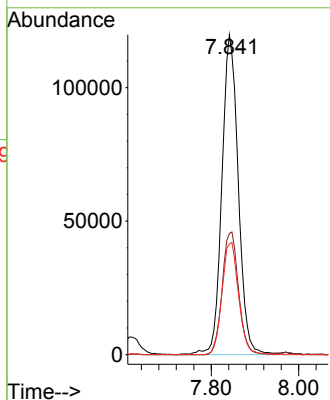
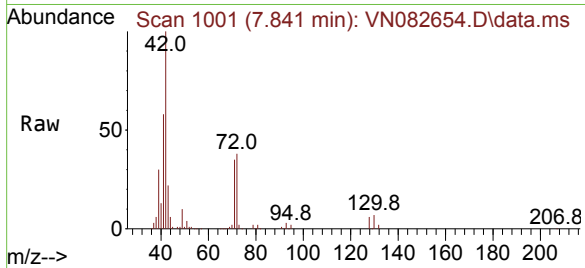




#29  
Tetrahydrofuran  
Concen: 271.434 ug/l  
RT: 7.841 min Scan# 1001  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

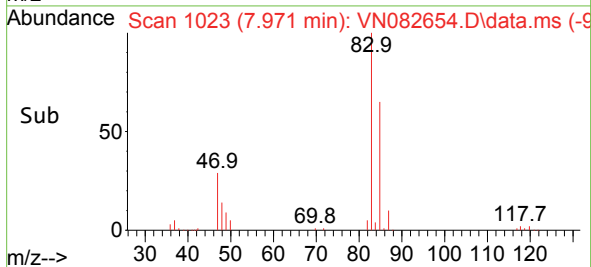
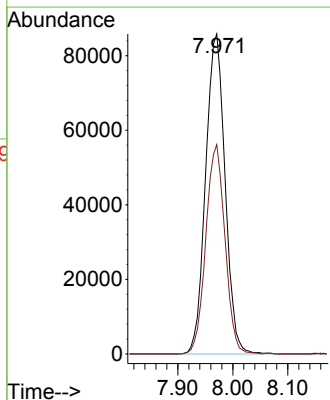
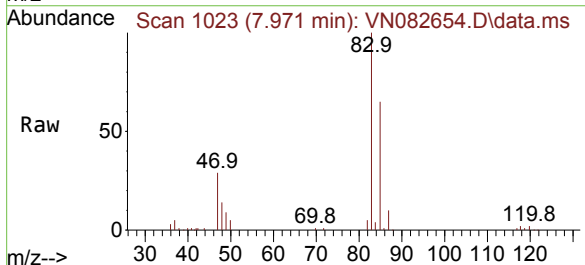
Instrument :  
MSVOA\_N  
ClientSampleId :

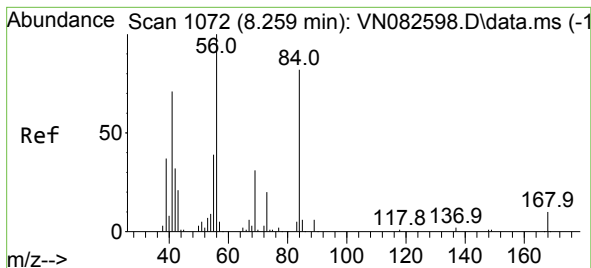
Tgt Ion: 42 Resp: 310929  
Ion Ratio Lower Upper  
42 100  
72 38.3 30.0 45.0  
71 35.3 28.3 42.5



#30  
Chloroform  
Concen: 48.435 ug/l  
RT: 7.971 min Scan# 1023  
Delta R.T. 0.006 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

Tgt Ion: 83 Resp: 210980  
Ion Ratio Lower Upper  
83 100  
85 65.4 50.9 76.3





#31

Cyclohexane

Concen: 43.709 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

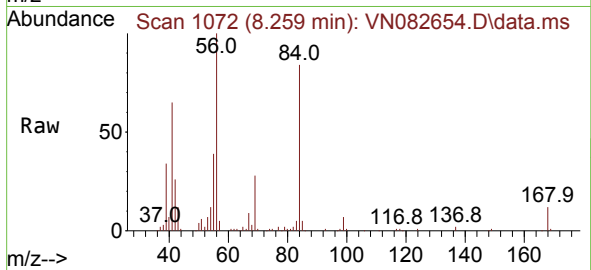
Lab File: VN082654.D

Acq: 19 Jun 2024 20:31

Instrument :

MSVOA\_N

ClientSampleId :



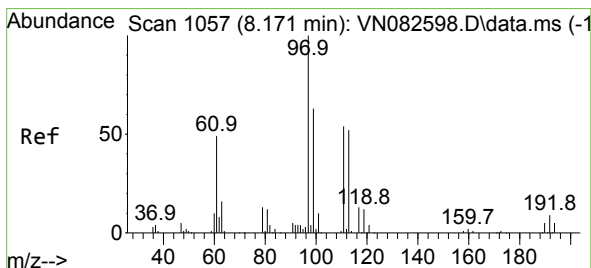
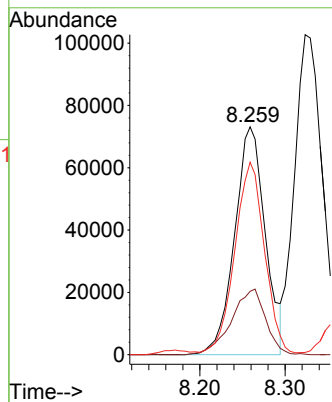
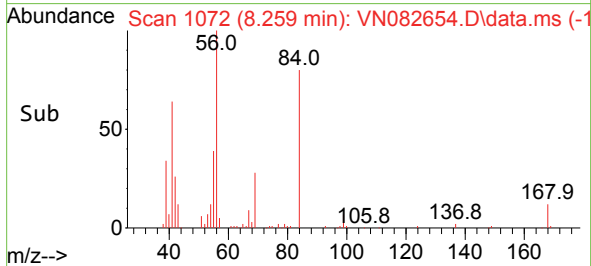
Tgt Ion: 56 Resp: 182598

Ion Ratio Lower Upper

56 100

69 27.2 24.5 36.7

84 82.7 66.0 99.0



#32

1,1,1-Trichloroethane

Concen: 47.400 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN082654.D

Acq: 19 Jun 2024 20:31

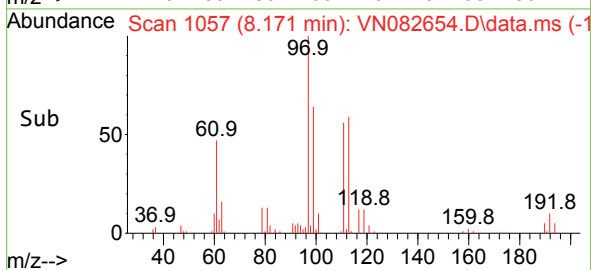
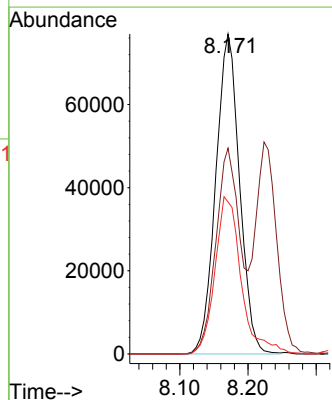
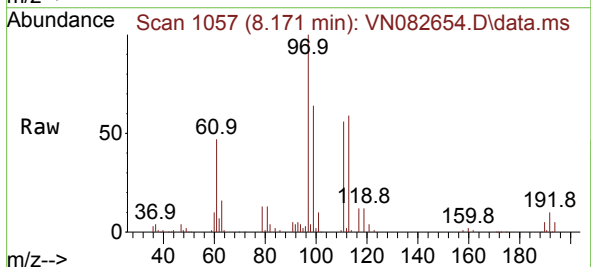
Tgt Ion: 97 Resp: 187232

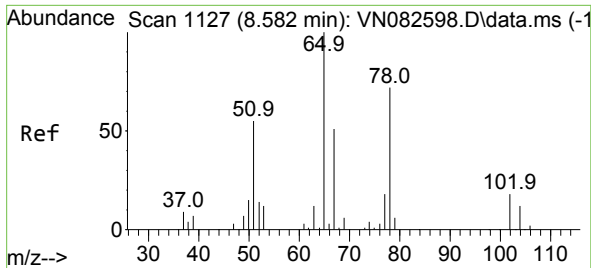
Ion Ratio Lower Upper

97 100

99 65.4 52.0 78.0

61 54.1 42.1 63.1

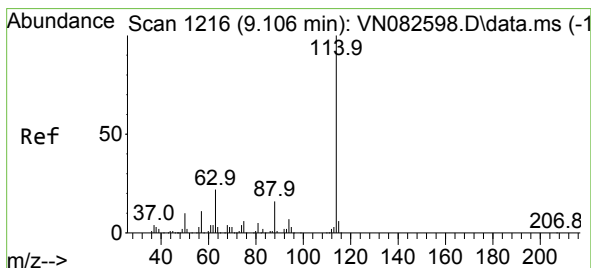
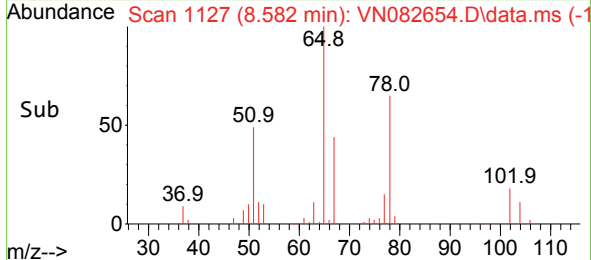
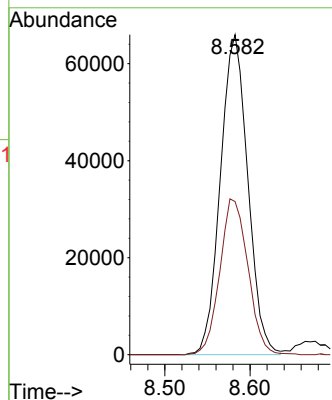
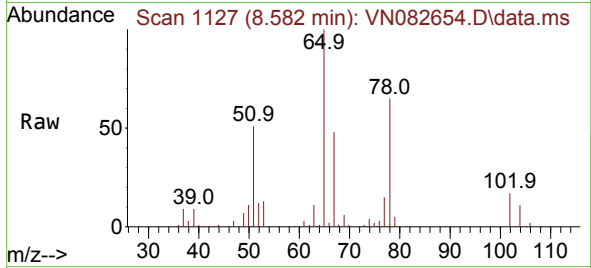




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.966 ug/l  
 RT: 8.582 min Scan# 1127  
 Delta R.T. 0.000 min  
 Lab File: VN082654.D  
 Acq: 19 Jun 2024 20:31

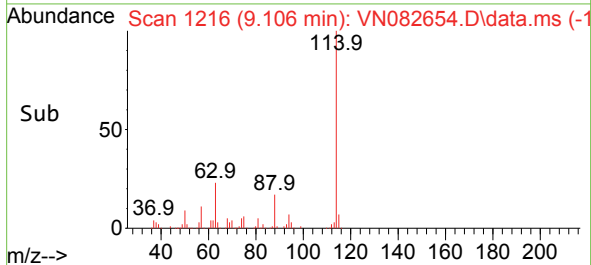
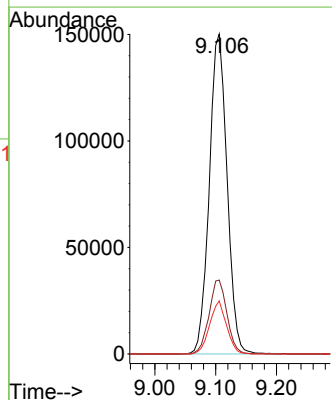
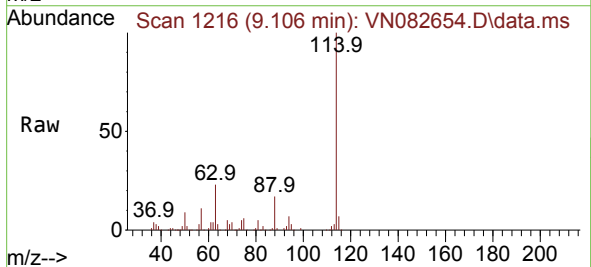
Instrument :  
 MSVOA\_N  
 ClientSampleId :

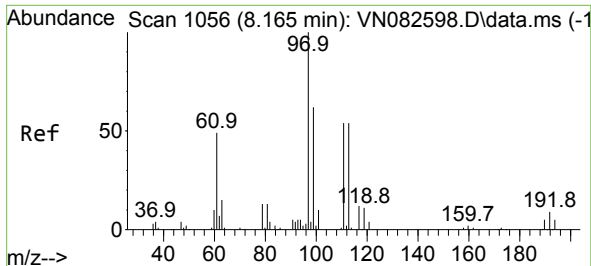
Tgt Ion: 65 Resp: 147530  
 Ion Ratio Lower Upper  
 65 100  
 67 50.0 0.0 104.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.106 min Scan# 1216  
 Delta R.T. 0.000 min  
 Lab File: VN082654.D  
 Acq: 19 Jun 2024 20:31

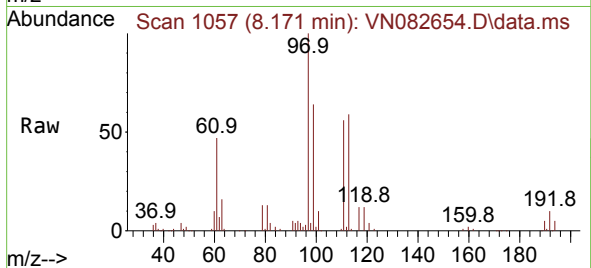
Tgt Ion: 114 Resp: 304097  
 Ion Ratio Lower Upper  
 114 100  
 63 23.1 0.0 44.6  
 88 16.6 0.0 31.4



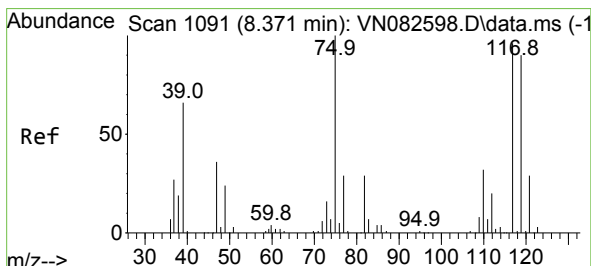
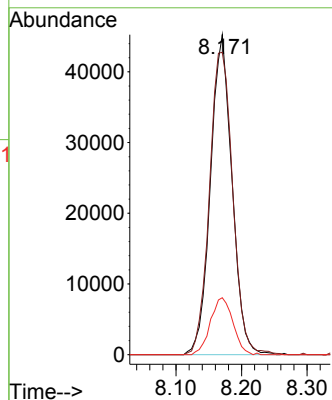
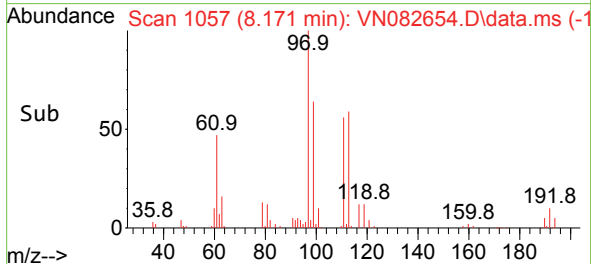


#35  
Dibromofluoromethane  
Concen: 50.022 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. 0.006 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

Instrument :  
MSVOA\_N  
ClientSampleId :

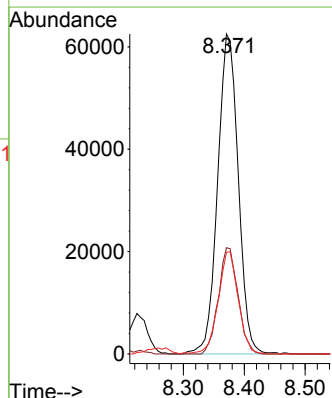
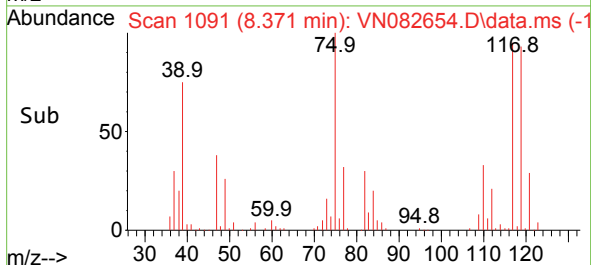
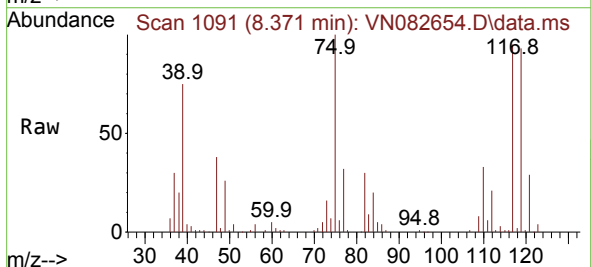


Tgt Ion:113 Resp: 103194  
Ion Ratio Lower Upper  
113 100  
111 102.3 82.4 123.6  
192 18.6 14.9 22.3



#36  
1,1-Dichloropropene  
Concen: 47.646 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

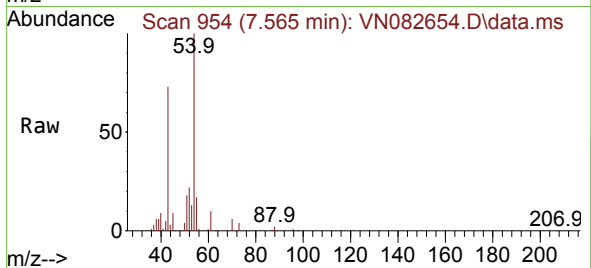
Tgt Ion: 75 Resp: 146934  
Ion Ratio Lower Upper  
75 100  
110 31.6 16.3 48.9  
77 31.1 24.6 37.0



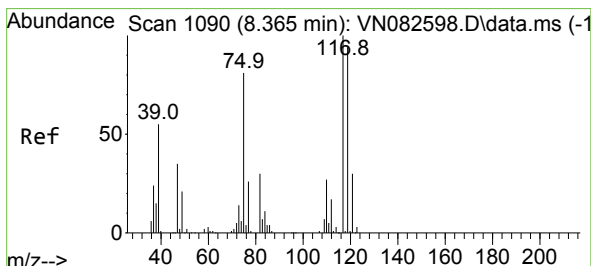
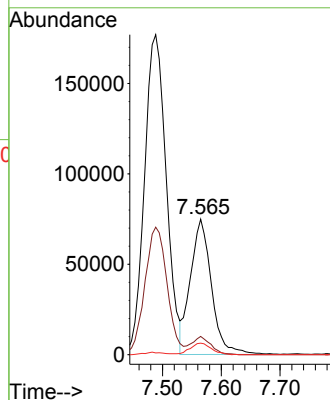
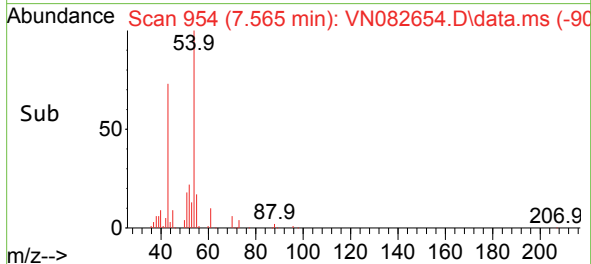


#37  
Ethyl Acetate  
Concen: 47.533 ug/l  
RT: 7.565 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

Instrument :  
MSVOA\_N  
ClientSampleId :

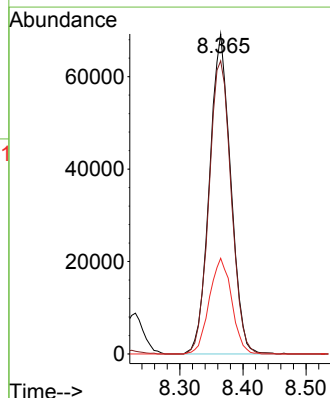
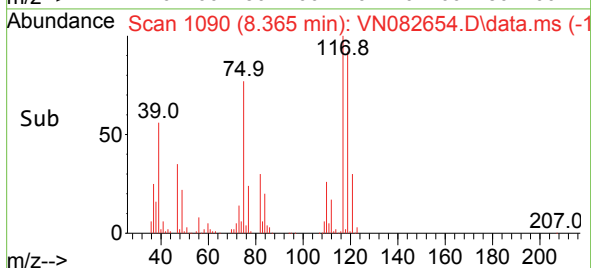
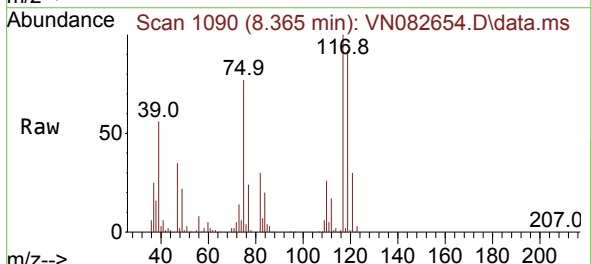


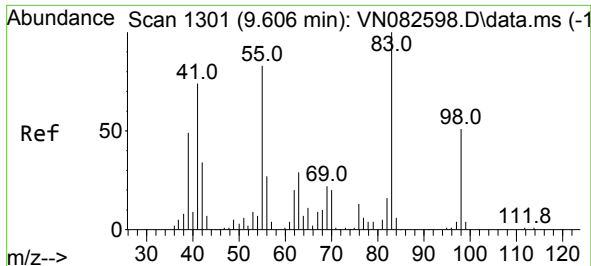
Tgt Ion: 43 Resp: 186725  
Ion Ratio Lower Upper  
43 100  
61 11.7 9.3 13.9  
70 8.7 7.0 10.6



#38  
Carbon Tetrachloride  
Concen: 46.635 ug/l  
RT: 8.365 min Scan# 1090  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

Tgt Ion: 117 Resp: 162077  
Ion Ratio Lower Upper  
117 100  
119 91.6 74.9 112.3  
121 29.9 24.3 36.5

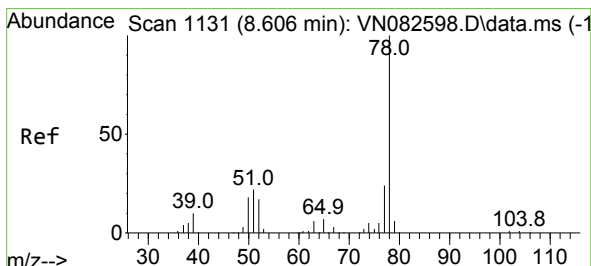
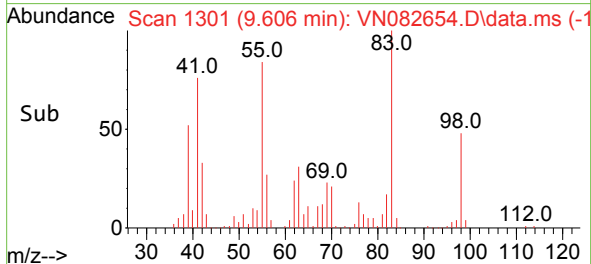
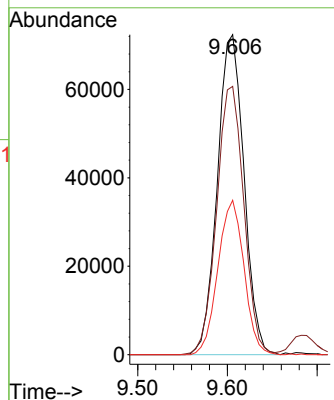
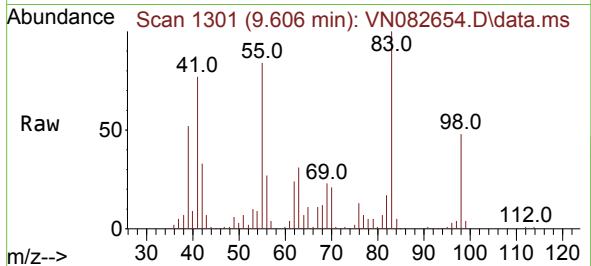




#39  
Methylcyclohexane  
Concen: 46.074 ug/l  
RT: 9.606 min Scan# 11301  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

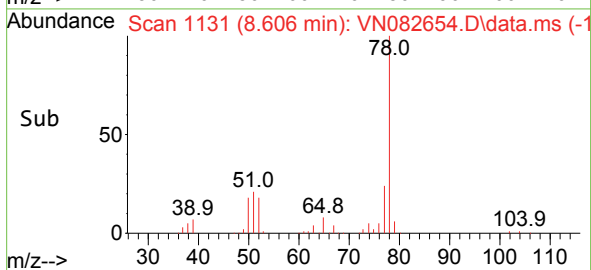
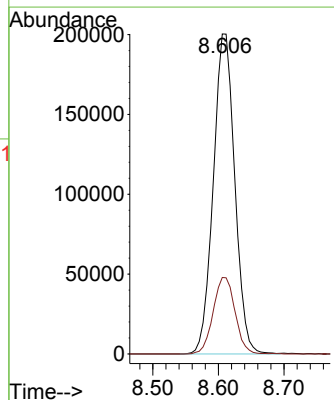
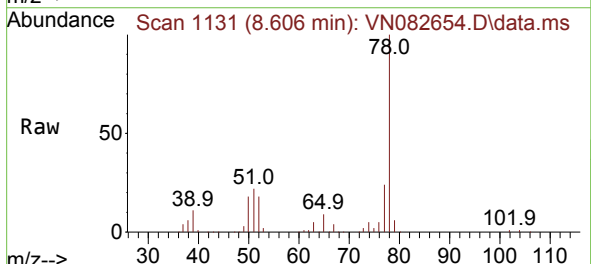
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 83 Resp: 149533  
Ion Ratio Lower Upper  
83 100  
55 83.9 66.4 99.6  
98 48.2 40.7 61.1



#40  
Benzene  
Concen: 47.772 ug/l  
RT: 8.606 min Scan# 1131  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

Tgt Ion: 78 Resp: 455218  
Ion Ratio Lower Upper  
78 100  
77 23.9 19.0 28.4

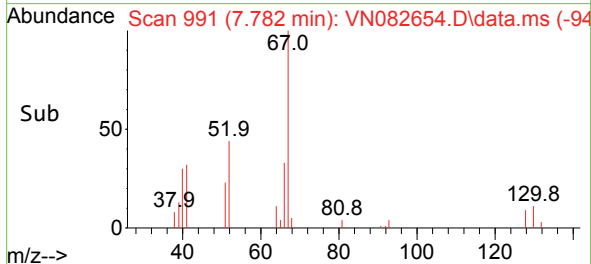
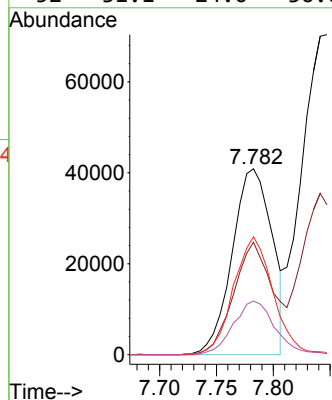
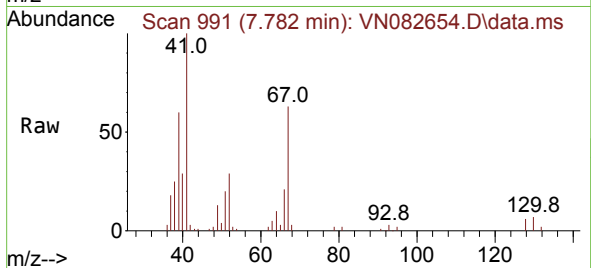




#41  
Methacrylonitrile  
Concen: 49.777 ug/l  
RT: 7.782 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

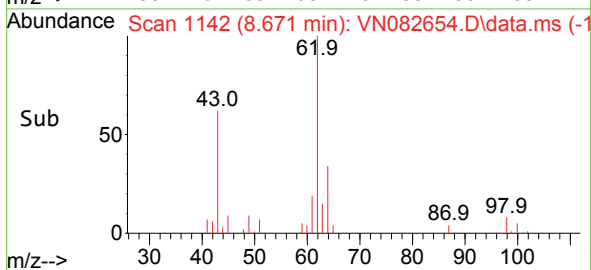
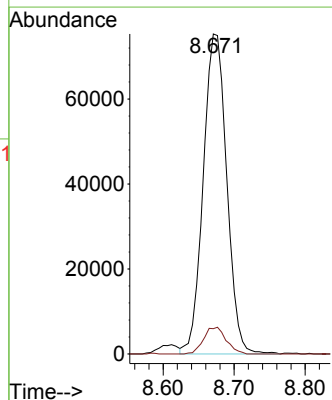
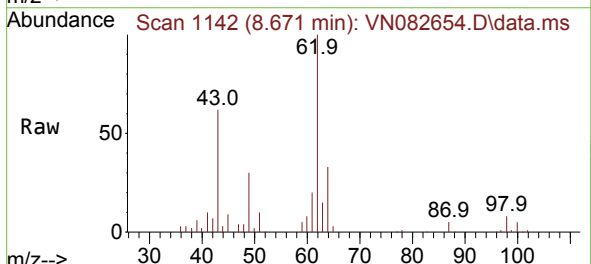
Instrument :  
MSVOA\_N  
ClientSampleId :

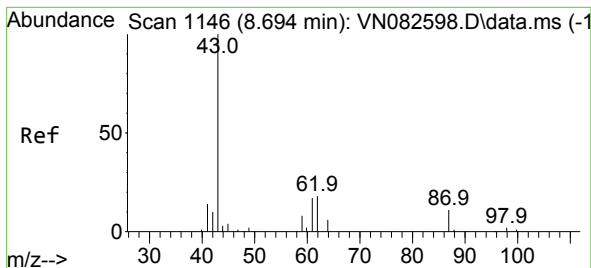
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 99953 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 60.7  | 45.5  | 68.3  |
| 67       | 63.1  | 50.5  | 75.7  |
| 52       | 31.1  | 24.0  | 36.0  |



#42  
1,2-Dichloroethane  
Concen: 47.859 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 173467 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.0   | 0.0   | 15.8   |





#43

Isopropyl Acetate

Concen: 46.638 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN082654.D

Acq: 19 Jun 2024 20:31

Instrument :

MSVOA\_N

ClientSampleId :

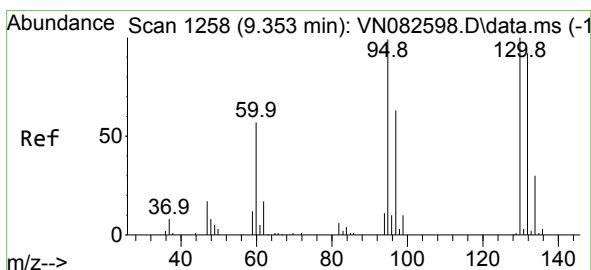
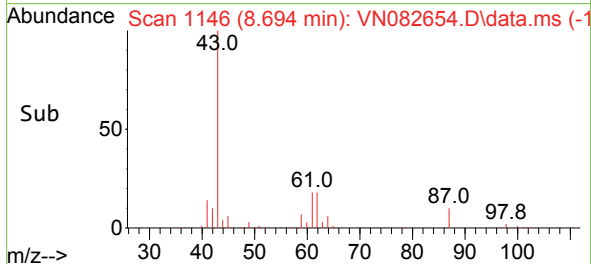
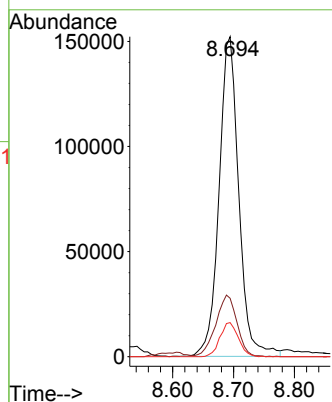
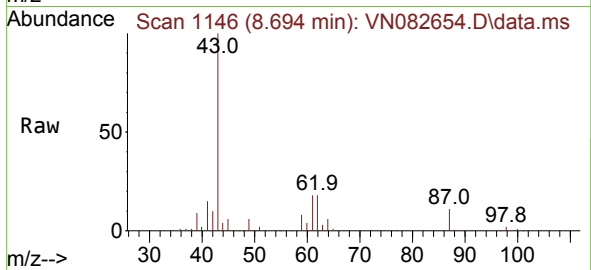
Tgt Ion: 43 Resp: 342387

Ion Ratio Lower Upper

43 100

61 20.7 17.8 26.6

87 9.9 8.2 12.2



#44

Trichloroethene

Concen: 45.365 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN082654.D

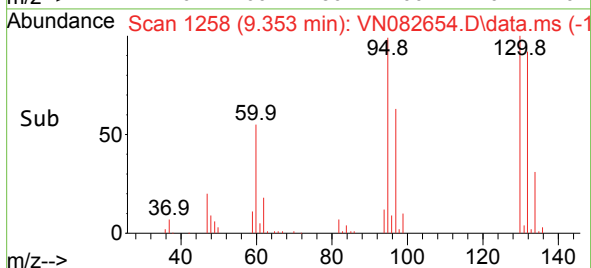
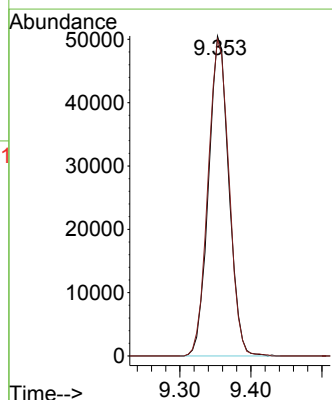
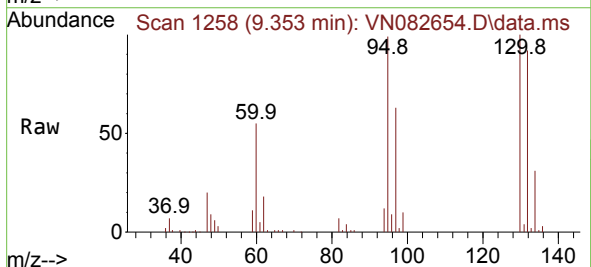
Acq: 19 Jun 2024 20:31

Tgt Ion:130 Resp: 100378

Ion Ratio Lower Upper

130 100

95 99.0 0.0 197.8

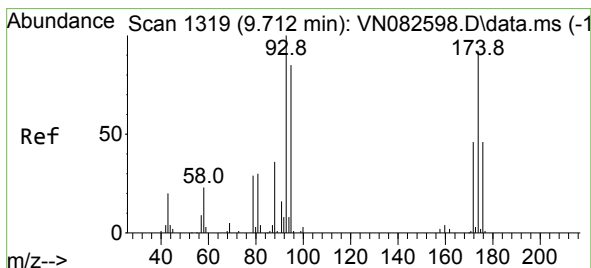
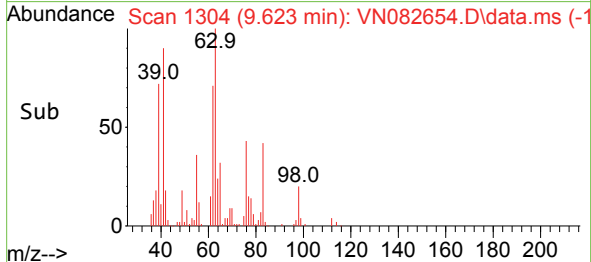
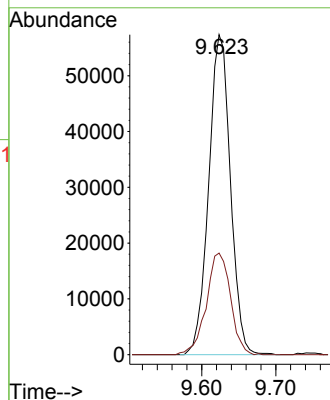
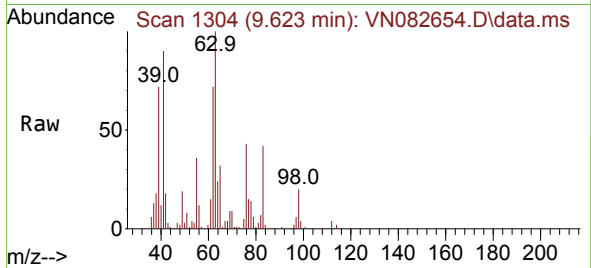




#45  
1,2-Dichloropropane  
Concen: 47.630 ug/l  
RT: 9.623 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

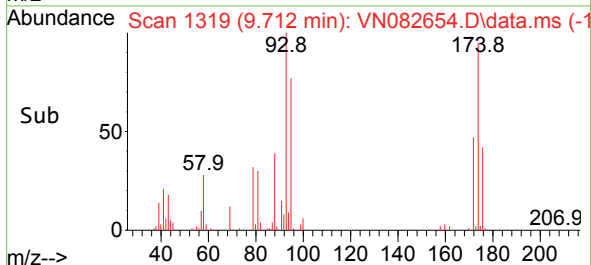
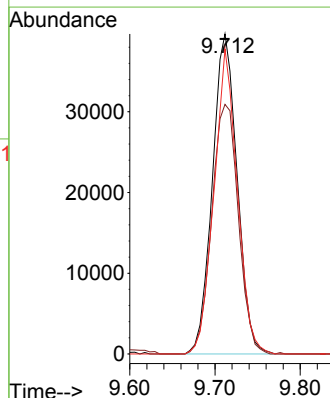
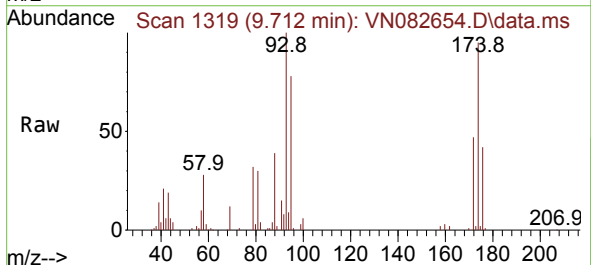
Instrument :  
MSVOA\_N  
ClientSampleId :

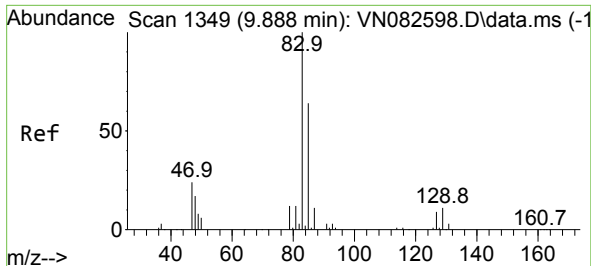
Tgt Ion: 63 Resp: 116825  
Ion Ratio Lower Upper  
63 100  
65 31.7 24.4 36.6



#46  
Dibromomethane  
Concen: 48.226 ug/l  
RT: 9.712 min Scan# 1319  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

Tgt Ion: 93 Resp: 80182  
Ion Ratio Lower Upper  
93 100  
95 83.5 65.8 98.6  
174 90.1 71.7 107.5

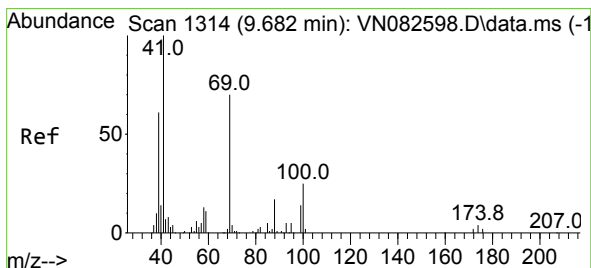
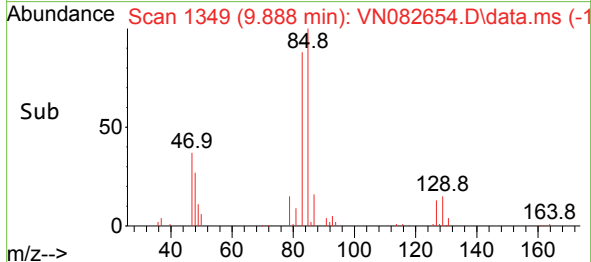
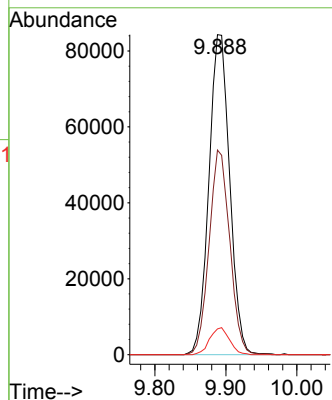
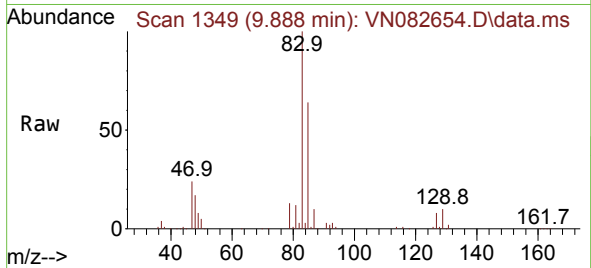




#47  
Bromodichloromethane  
Concen: 48.373 ug/l  
RT: 9.888 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

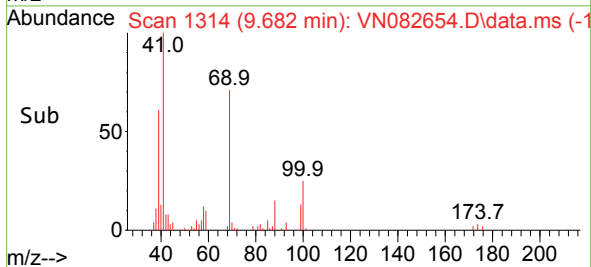
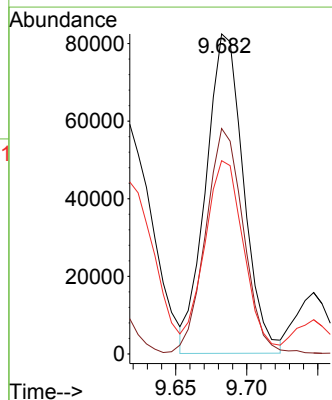
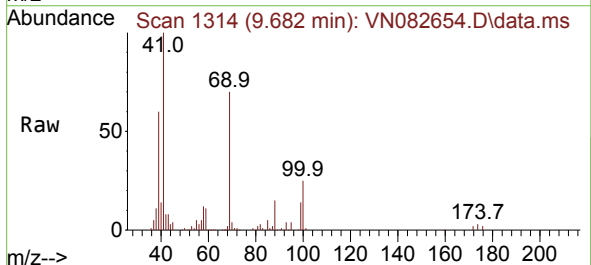
Instrument :  
MSVOA\_N  
ClientSampleId :

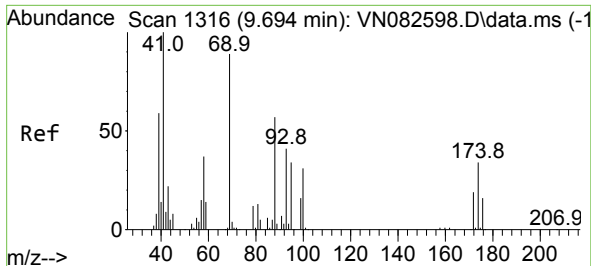
Tgt Ion: 83 Resp: 171467  
Ion Ratio Lower Upper  
83 100  
85 64.0 51.1 76.7  
127 8.0 7.2 10.8



#48  
Methyl methacrylate  
Concen: 50.230 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

Tgt Ion: 41 Resp: 152017  
Ion Ratio Lower Upper  
41 100  
69 71.2 56.3 84.5  
39 63.4 50.3 75.5





#49

1,4-Dioxane

Concen: 1118.702 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082654.D

Acq: 19 Jun 2024 20:31

Instrument :

MSVOA\_N

ClientSampleId :

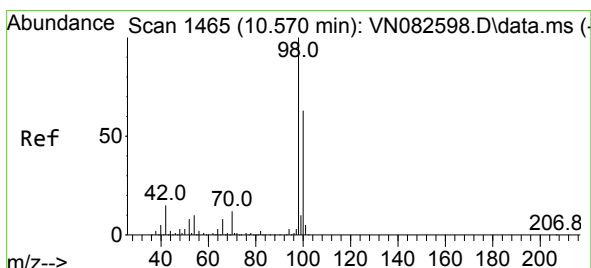
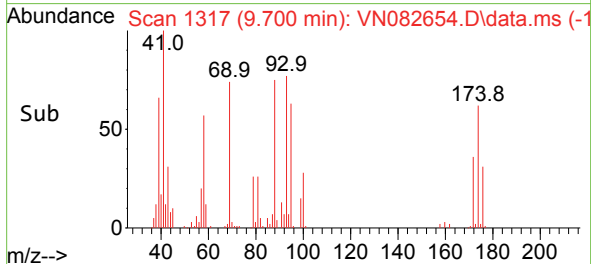
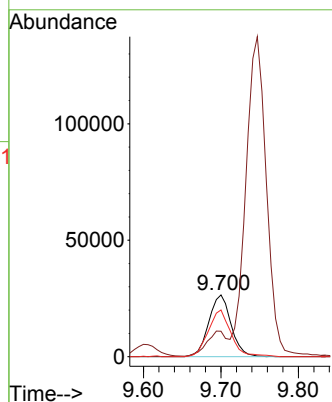
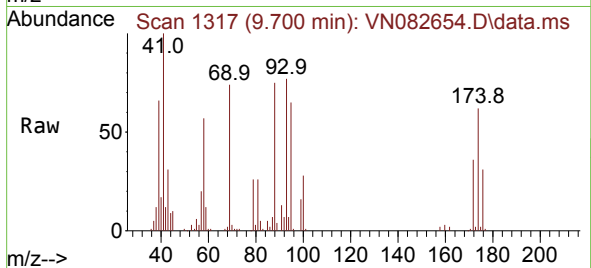
Tgt Ion: 88 Resp: 52958

Ion Ratio Lower Upper

88 100

43 39.1 27.8 41.8

58 77.2 59.4 89.0



#50

Toluene-d8

Concen: 51.193 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082654.D

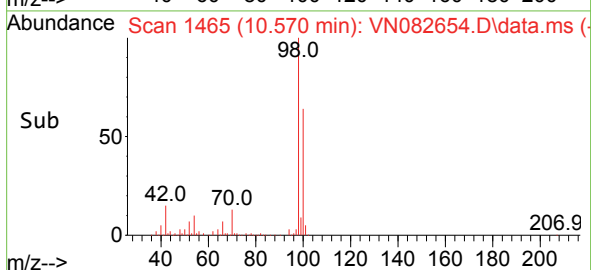
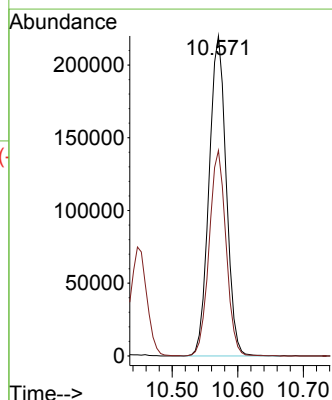
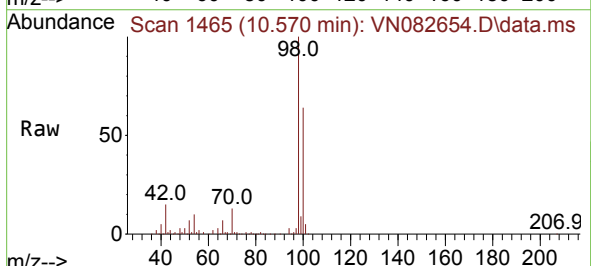
Acq: 19 Jun 2024 20:31

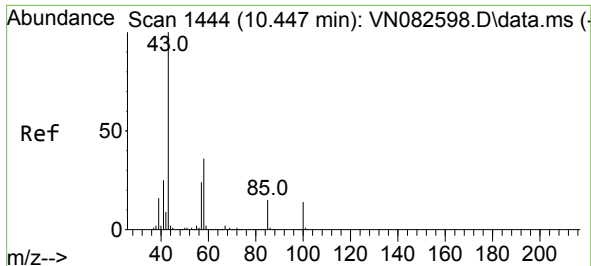
Tgt Ion: 98 Resp: 399380

Ion Ratio Lower Upper

98 100

100 63.5 51.5 77.3

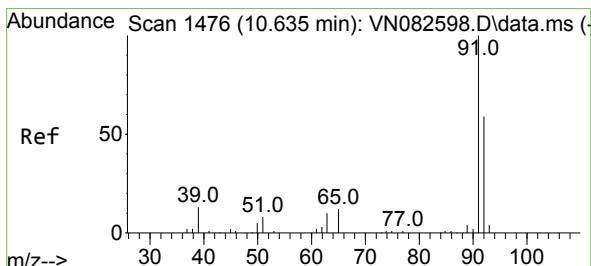
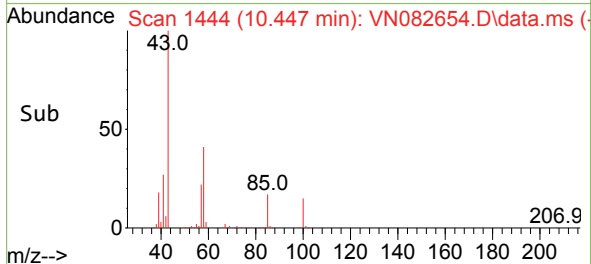
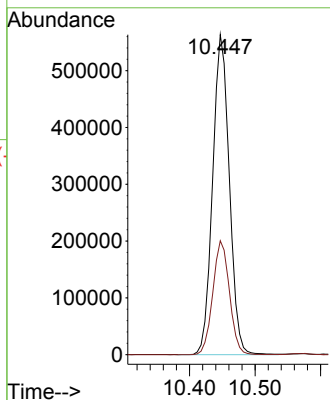
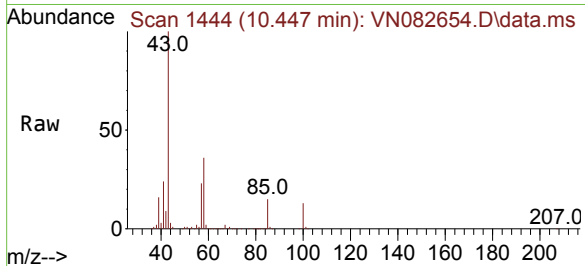




#51  
4-Methyl-2-Pentanone  
Concen: 263.829 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

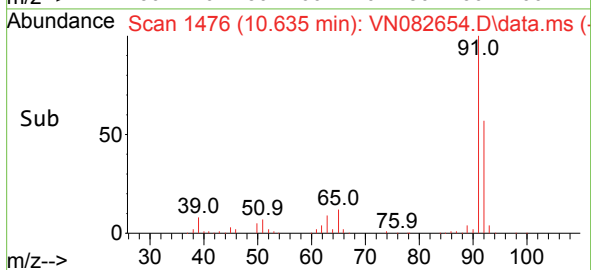
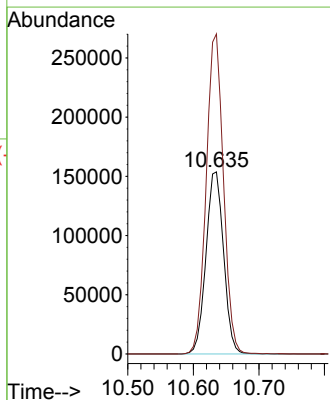
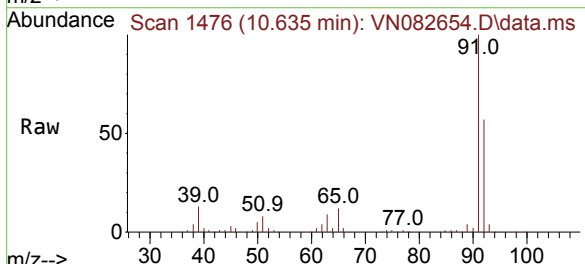
Instrument :  
MSVOA\_N  
ClientSampleId :

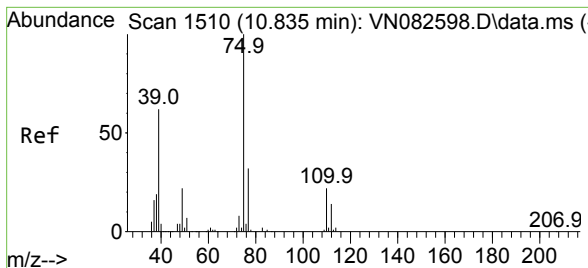
Tgt Ion: 43 Resp: 993448  
Ion Ratio Lower Upper  
43 100  
58 35.5 28.2 42.4



#52  
Toluene  
Concen: 49.827 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

Tgt Ion: 92 Resp: 287742  
Ion Ratio Lower Upper  
92 100  
91 172.0 139.4 209.0

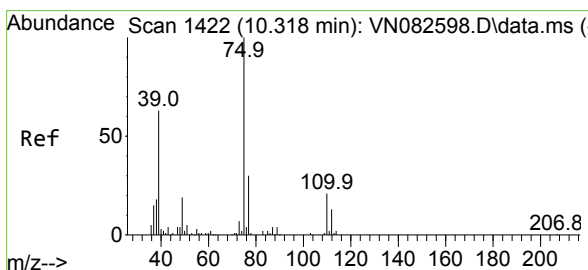
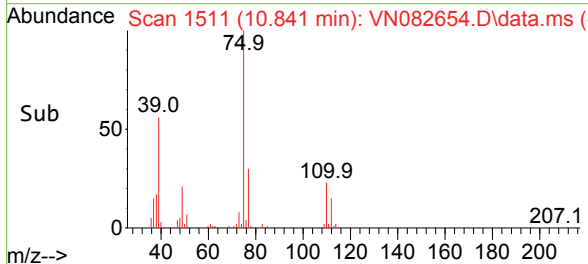
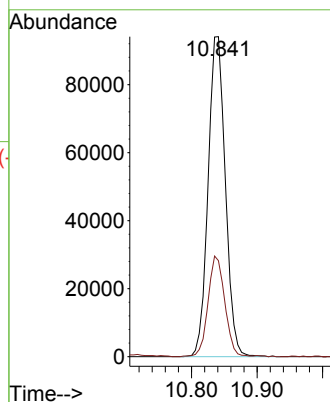
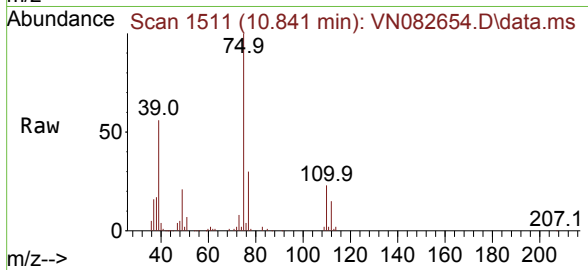




#53  
 t-1,3-Dichloropropene  
 Concen: 47.507 ug/l  
 RT: 10.841 min Scan# 1510  
 Delta R.T. 0.006 min  
 Lab File: VN082654.D  
 Acq: 19 Jun 2024 20:31

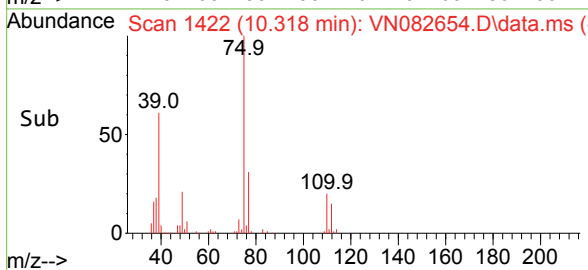
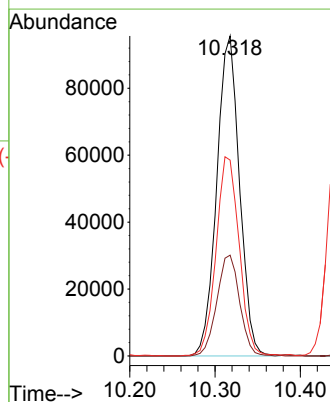
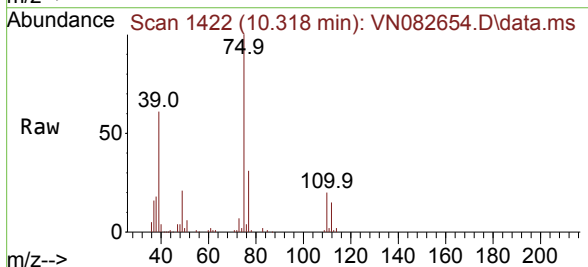
Instrument :  
 MSVOA\_N  
 ClientSampleId :

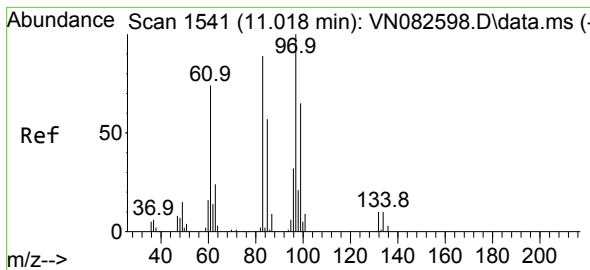
Tgt Ion: 75 Resp: 172150  
 Ion Ratio Lower Upper  
 75 100  
 77 30.0 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 47.361 ug/l  
 RT: 10.318 min Scan# 1422  
 Delta R.T. 0.000 min  
 Lab File: VN082654.D  
 Acq: 19 Jun 2024 20:31

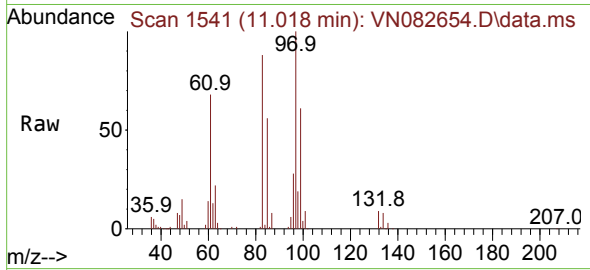
Tgt Ion: 75 Resp: 177473  
 Ion Ratio Lower Upper  
 75 100  
 77 31.5 24.3 36.5  
 39 61.2 50.5 75.7



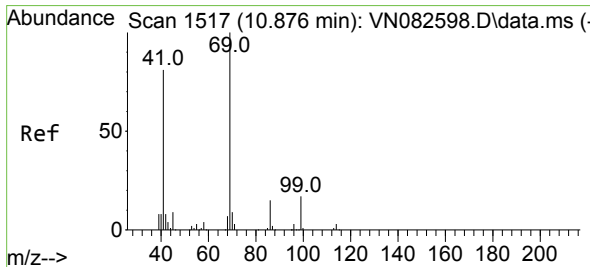
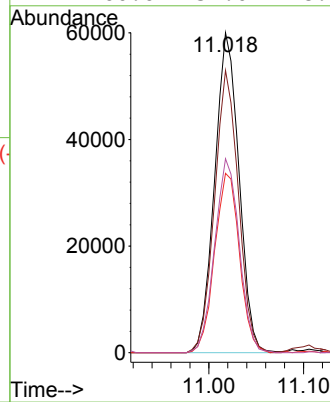
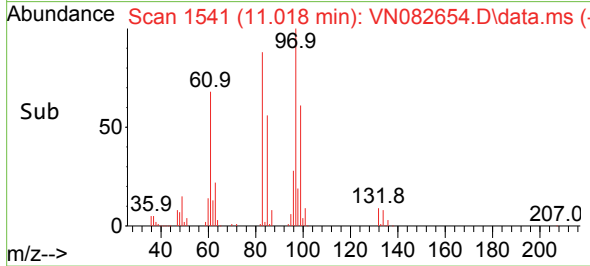


#55  
1,1,2-Trichloroethane  
Concen: 51.336 ug/l  
RT: 11.018 min Scan# 1541  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

Instrument :  
MSVOA\_N  
ClientSampleId :

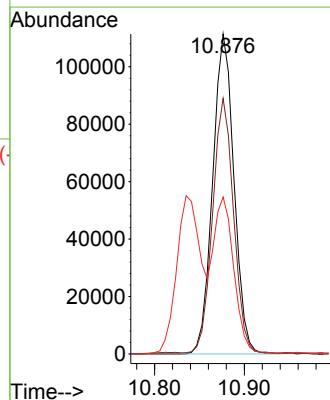
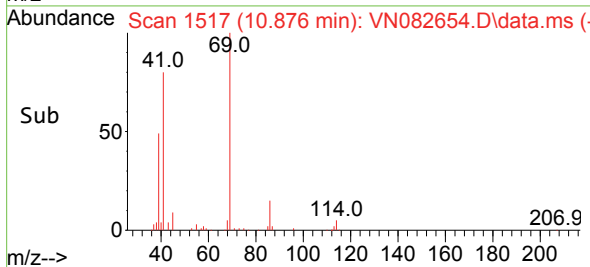
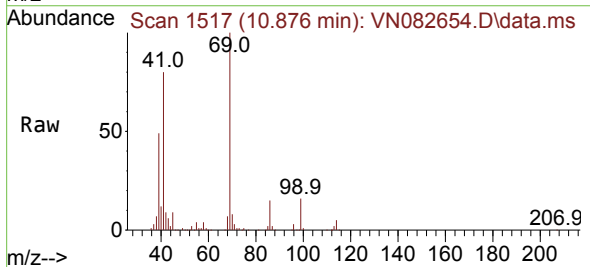


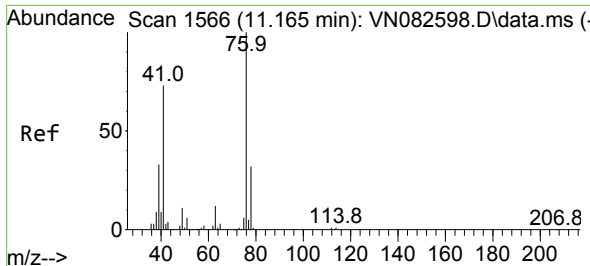
Tgt Ion: 97 Resp: 107300  
Ion Ratio Lower Upper  
97 100  
83 88.2 71.4 107.0  
85 56.1 45.8 68.6  
99 60.6 52.0 78.0



#56  
Ethyl methacrylate  
Concen: 52.961 ug/l  
RT: 10.876 min Scan# 1517  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

Tgt Ion: 69 Resp: 183340  
Ion Ratio Lower Upper  
69 100  
41 78.3 63.4 95.2  
39 46.5 37.4 56.0





#57

1,3-Dichloropropane

Concen: 49.175 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

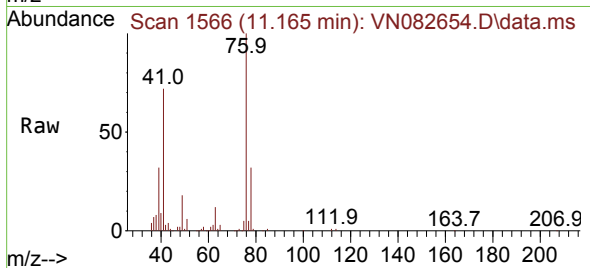
Lab File: VN082654.D

Acq: 19 Jun 2024 20:31

Instrument :

MSVOA\_N

ClientSampleId :

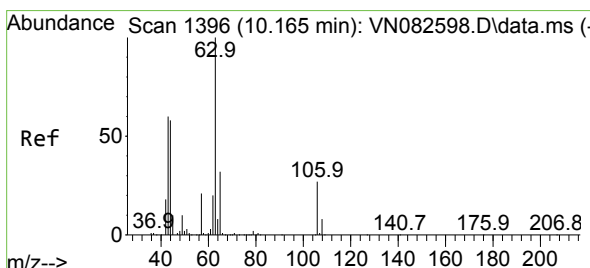
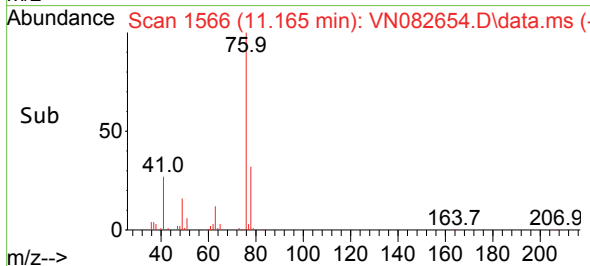
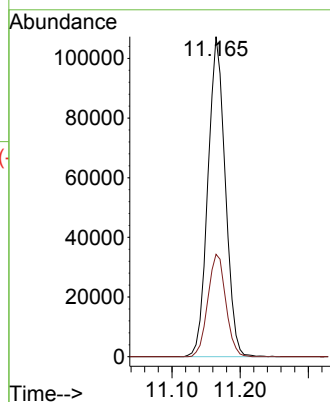


Tgt Ion: 76 Resp: 190013

Ion Ratio Lower Upper

76 100

78 33.0 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 272.569 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN082654.D

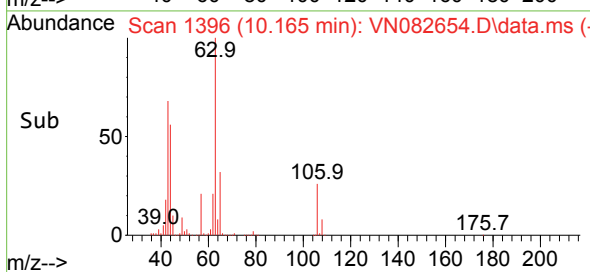
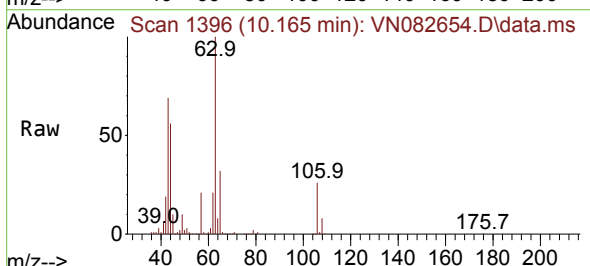
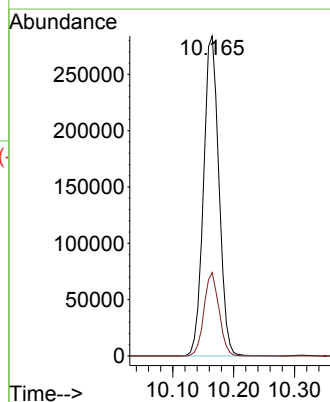
Acq: 19 Jun 2024 20:31

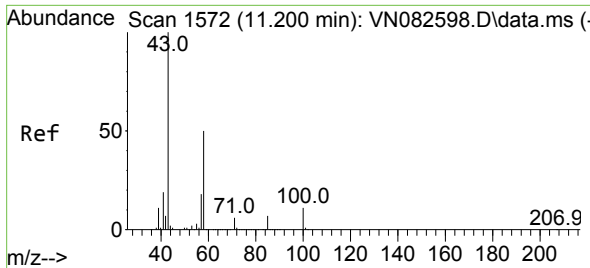
Tgt Ion: 63 Resp: 499153

Ion Ratio Lower Upper

63 100

106 25.4 21.4 32.0

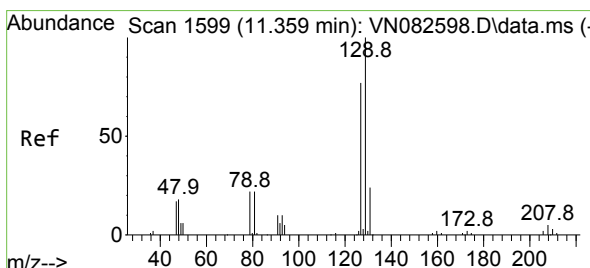
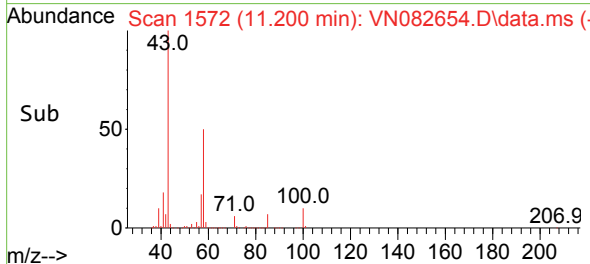
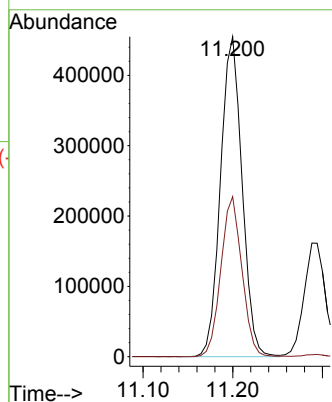
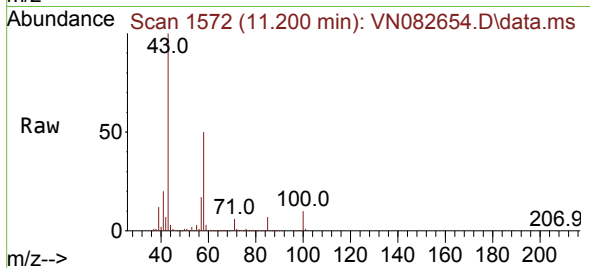




#59  
2-Hexanone  
Concen: 265.392 ug/l  
RT: 11.200 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

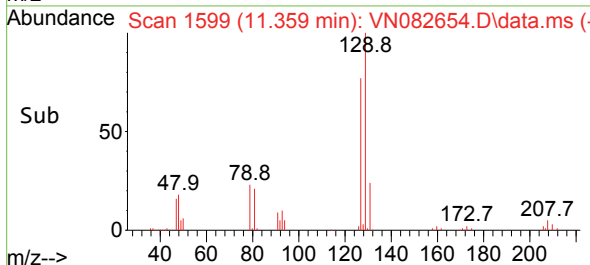
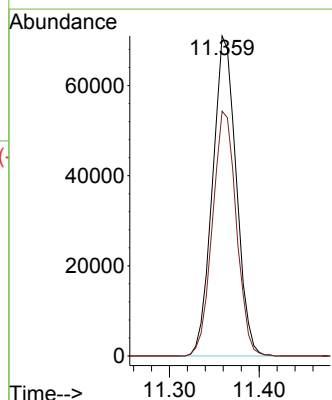
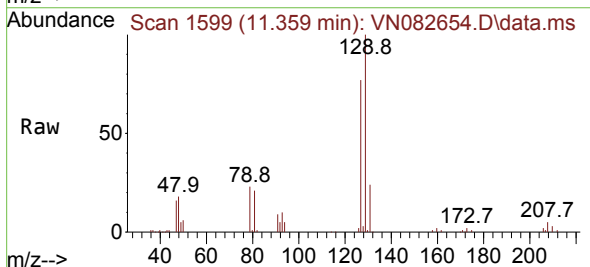
Instrument :  
MSVOA\_N  
ClientSampleId :

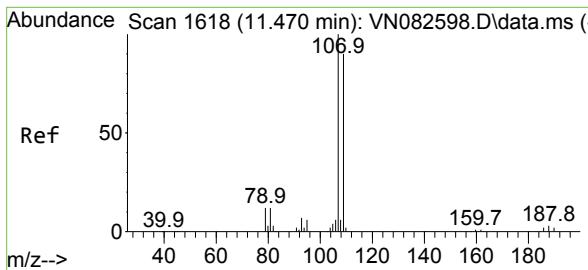
Tgt Ion: 43 Resp: 759539  
Ion Ratio Lower Upper  
43 100  
58 48.7 24.6 73.8



#60  
Dibromochloromethane  
Concen: 51.074 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

Tgt Ion:129 Resp: 130313  
Ion Ratio Lower Upper  
129 100  
127 76.9 39.2 117.6

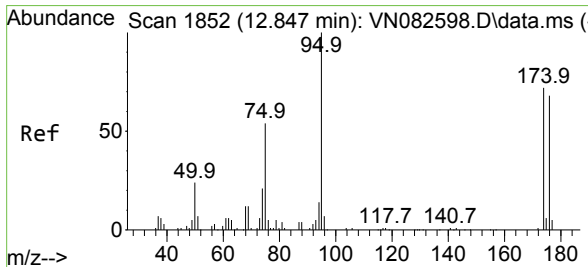
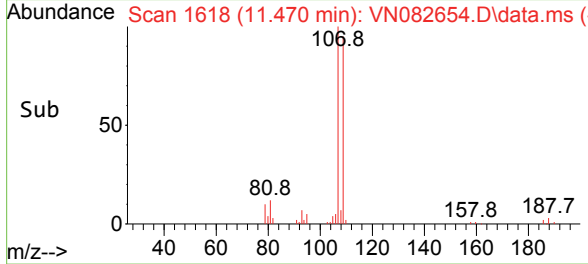
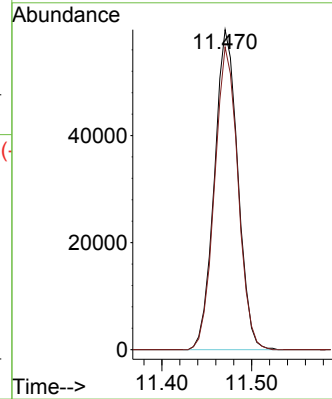
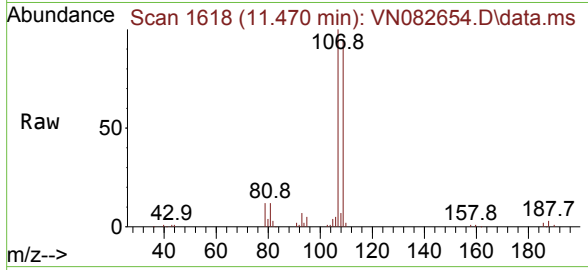




#61  
1,2-Dibromoethane  
Concen: 49.176 ug/l  
RT: 11.470 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

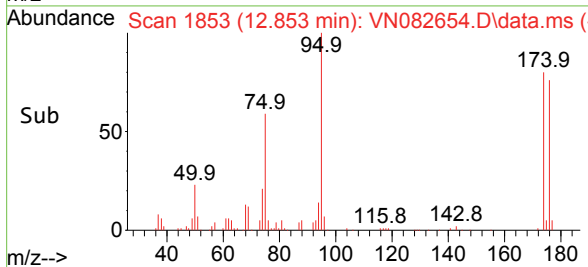
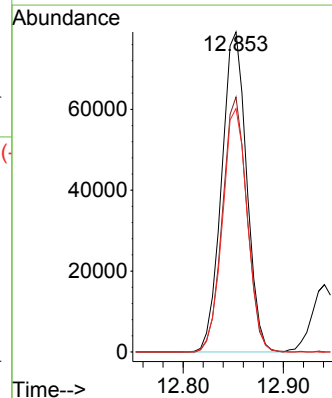
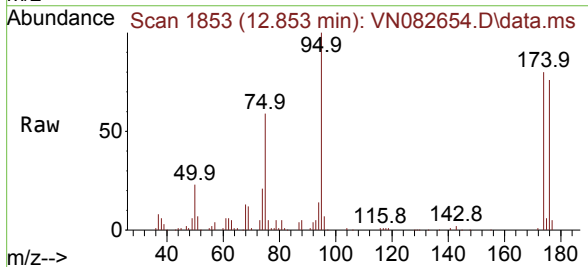
Instrument :  
MSVOA\_N  
ClientSampleId :

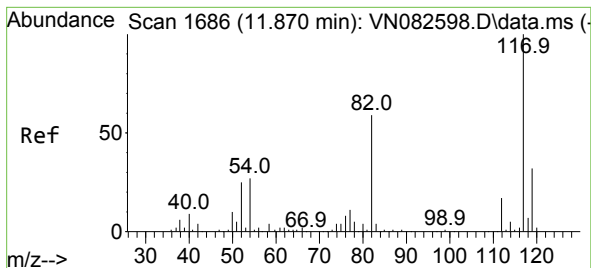
Tgt Ion:107 Resp: 108370  
Ion Ratio Lower Upper  
107 100  
109 94.5 73.7 110.5



#62  
4-Bromofluorobenzene  
Concen: 50.833 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

Tgt Ion: 95 Resp: 136722  
Ion Ratio Lower Upper  
95 100  
174 77.7 0.0 159.2  
176 75.8 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082654.D

Acq: 19 Jun 2024 20:31

Instrument :

MSVOA\_N

ClientSampleId :

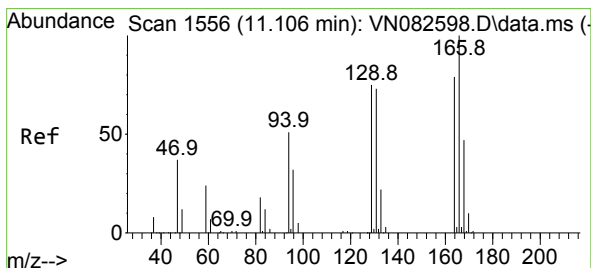
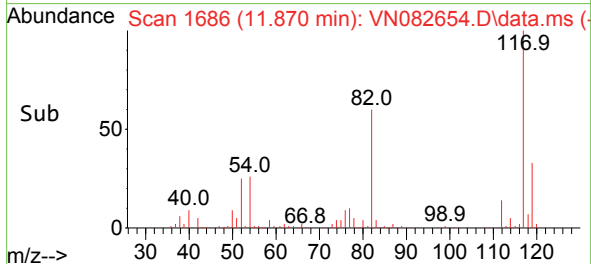
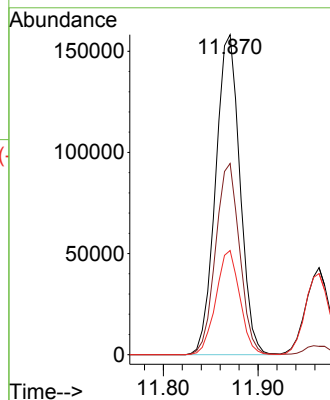
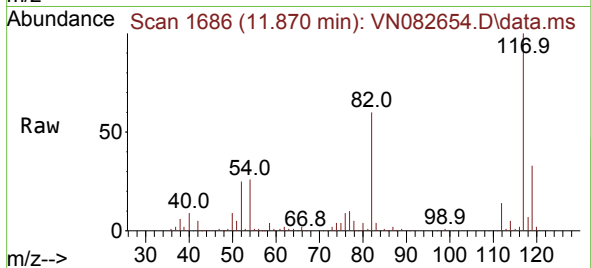
Tgt Ion:117 Resp: 282548

Ion Ratio Lower Upper

117 100

82 59.8 47.5 71.3

119 32.5 25.6 38.4



#64

Tetrachloroethene

Concen: 40.401 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN082654.D

Acq: 19 Jun 2024 20:31

Tgt Ion:164 Resp: 94120

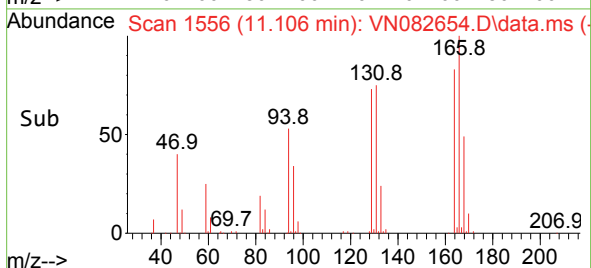
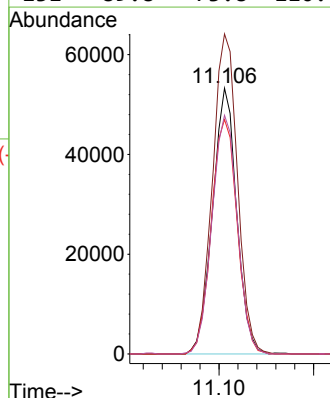
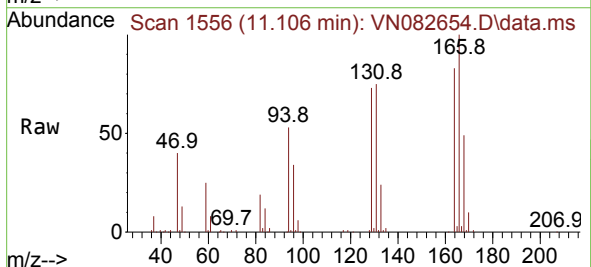
Ion Ratio Lower Upper

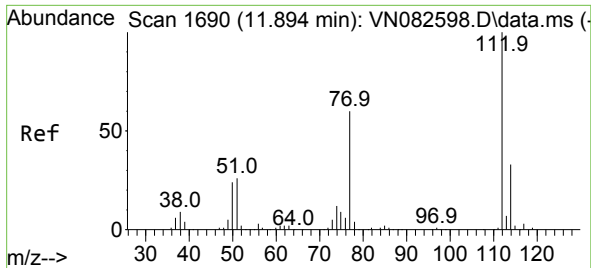
164 100

166 120.4 101.4 152.0

129 88.2 75.7 113.5

131 89.8 73.8 110.6

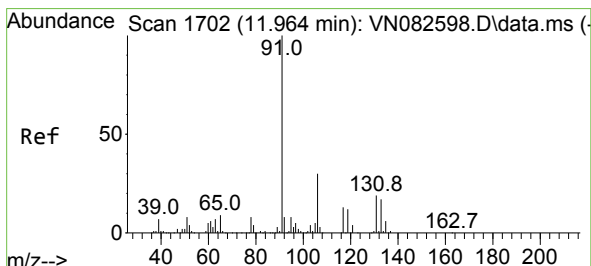
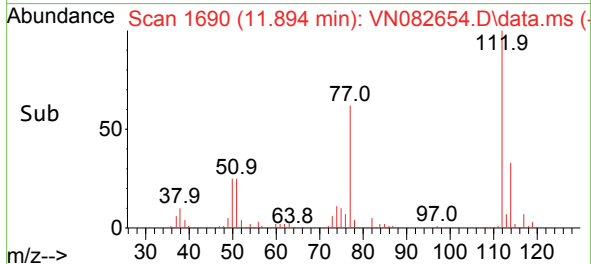
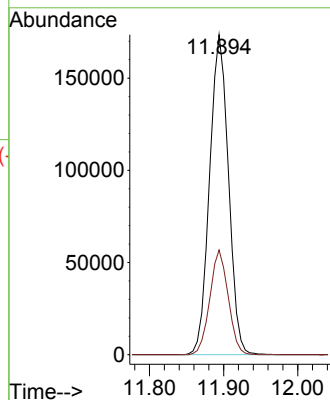
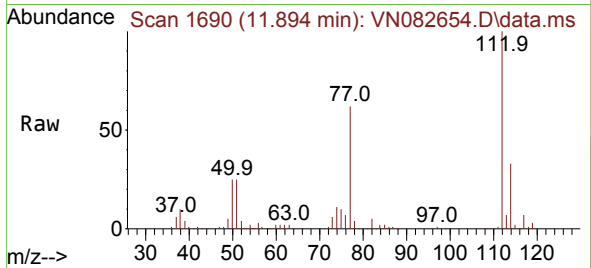




#65  
Chlorobenzene  
Concen: 47.376 ug/l  
RT: 11.894 min Scan# 1119  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

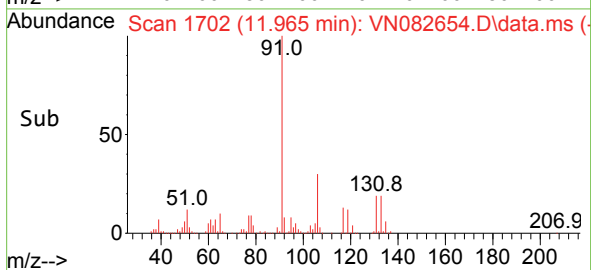
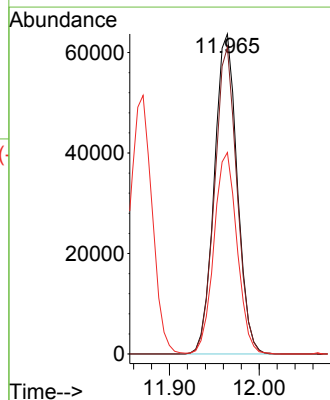
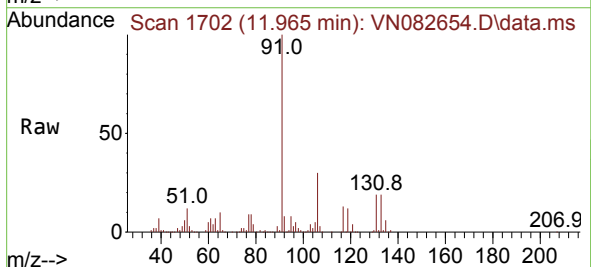
Instrument :  
MSVOA\_N  
ClientSampleId :

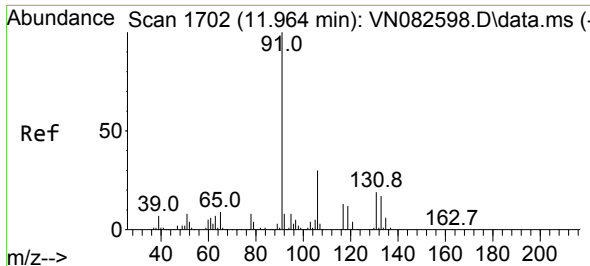
Tgt Ion:112 Resp: 306964  
Ion Ratio Lower Upper  
112 100  
114 32.7 26.2 39.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 48.901 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

Tgt Ion:131 Resp: 112980  
Ion Ratio Lower Upper  
131 100  
133 93.8 47.3 142.0  
119 63.6 32.5 97.4

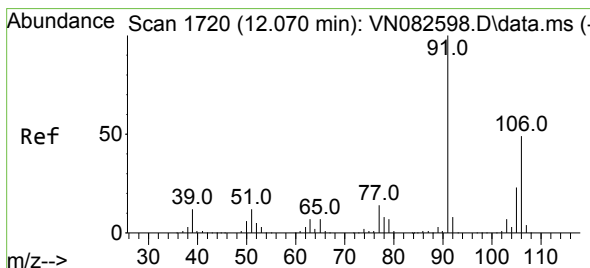
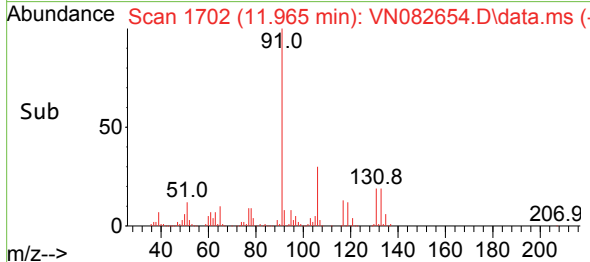
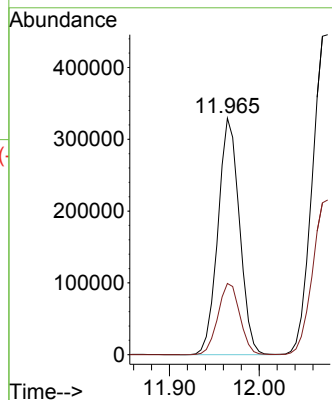
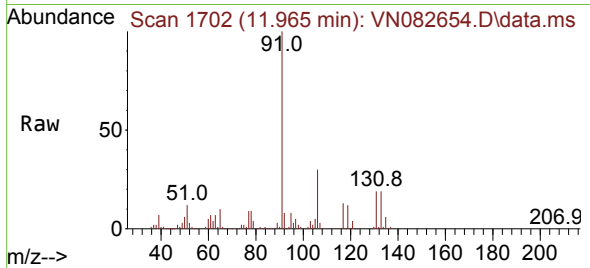




#67  
Ethyl Benzene  
Concen: 49.626 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

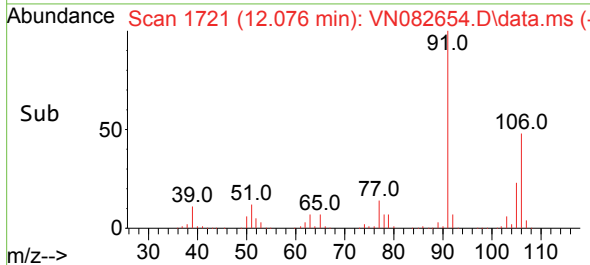
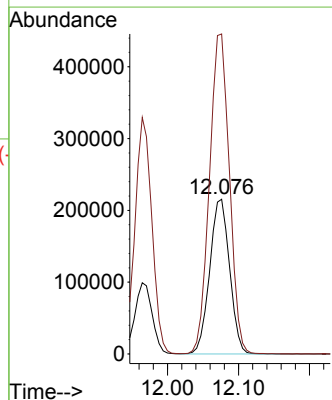
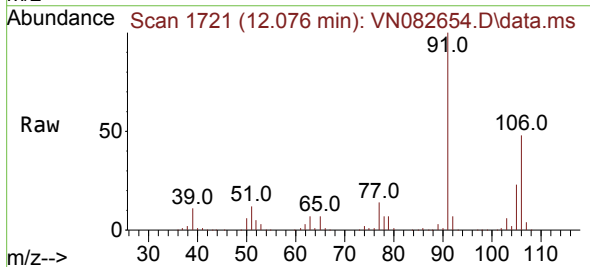
Instrument :  
MSVOA\_N  
ClientSampleId :

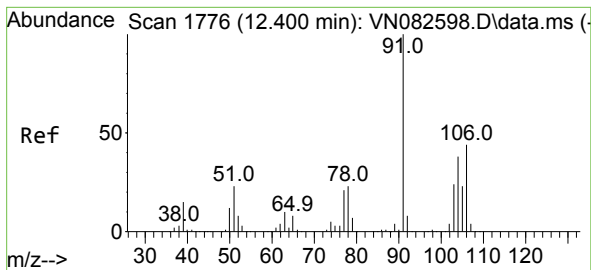
Tgt Ion: 91 Resp: 547879  
Ion Ratio Lower Upper  
91 100  
106 30.1 24.0 36.0



#68  
m/p-Xylenes  
Concen: 102.059 ug/l  
RT: 12.076 min Scan# 1721  
Delta R.T. 0.006 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

Tgt Ion:106 Resp: 419183  
Ion Ratio Lower Upper  
106 100  
91 207.7 166.1 249.1

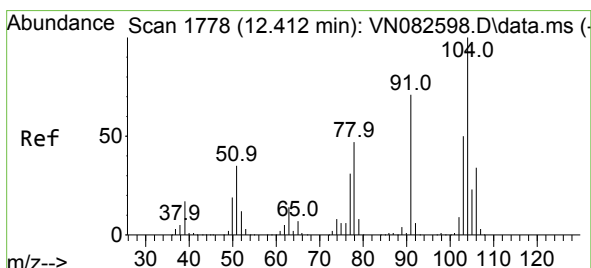
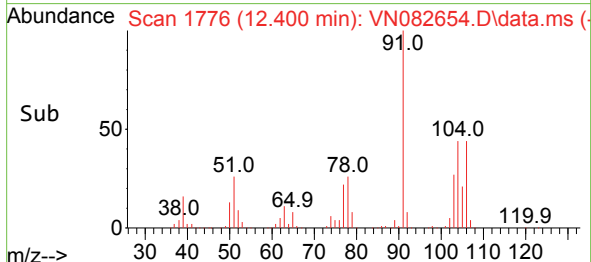
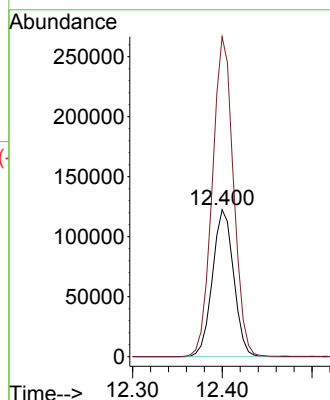
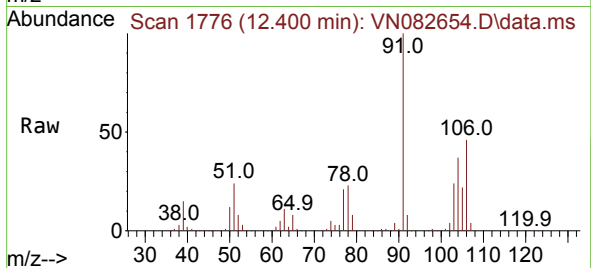




#69  
o-Xylene  
Concen: 52.077 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

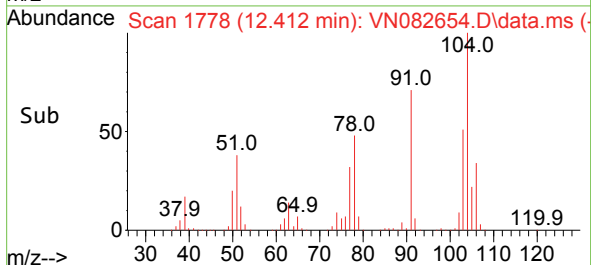
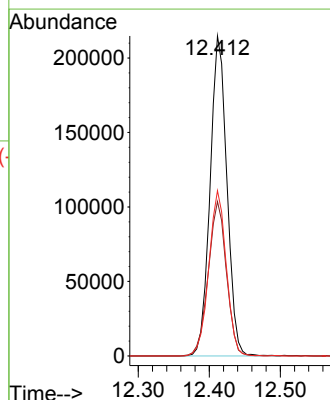
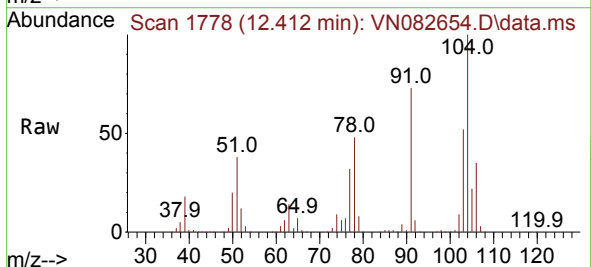
Instrument :  
MSVOA\_N  
ClientSampleId :

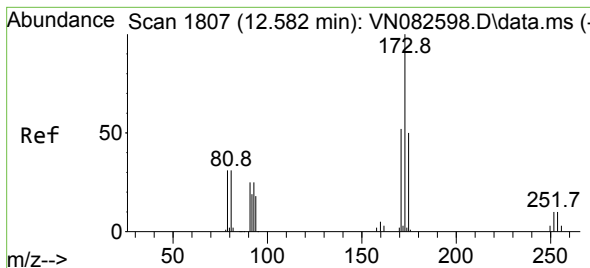
Tgt Ion:106 Resp: 200956  
Ion Ratio Lower Upper  
106 100  
91 217.6 111.3 333.9



#70  
Styrene  
Concen: 53.955 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. -0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

Tgt Ion:104 Resp: 353371  
Ion Ratio Lower Upper  
104 100  
78 52.0 41.6 62.4  
103 53.7 44.0 66.0





#71

Bromoform

Concen: 50.223 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN082654.D

Acq: 19 Jun 2024 20:31

Instrument :

MSVOA\_N

ClientSampleId :

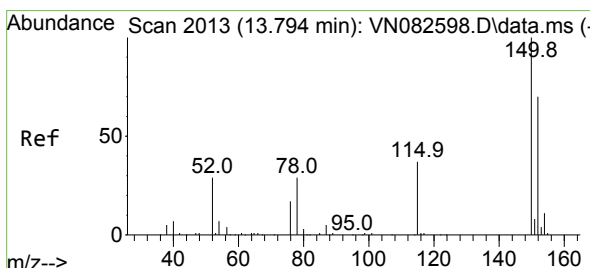
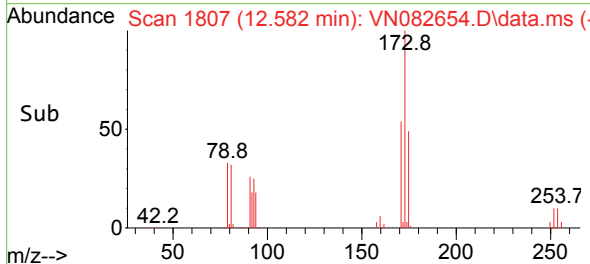
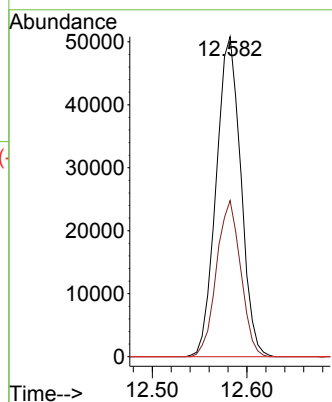
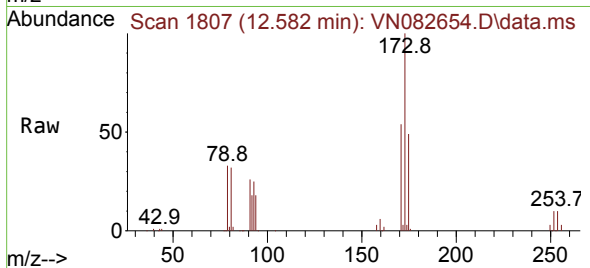
Tgt Ion:173 Resp: 91739

Ion Ratio Lower Upper

173 100

175 48.0 24.0 72.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN082654.D

Acq: 19 Jun 2024 20:31

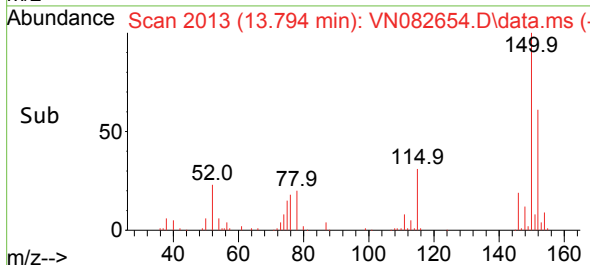
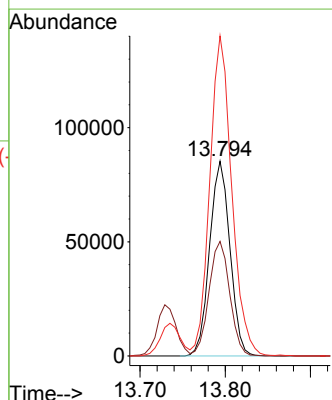
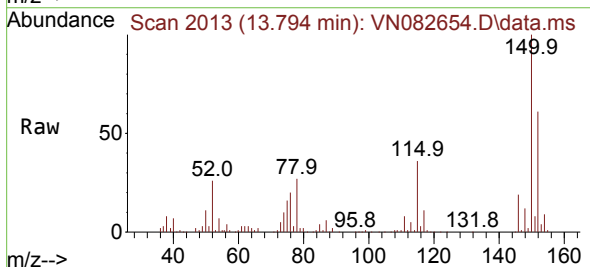
Tgt Ion:152 Resp: 141505

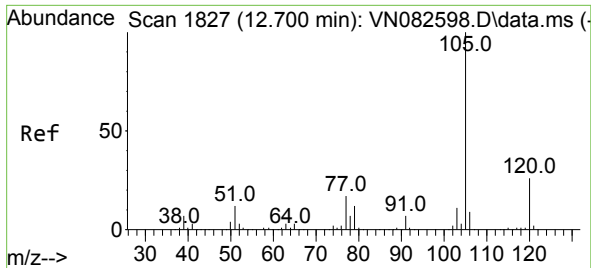
Ion Ratio Lower Upper

152 100

115 60.0 30.6 91.6

150 176.6 0.0 348.6

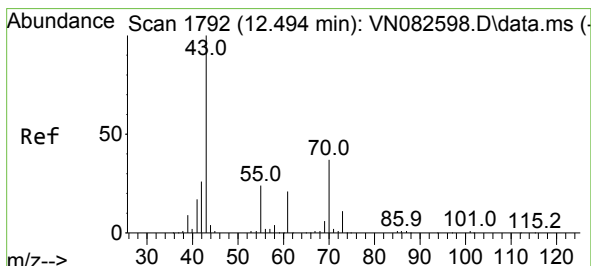
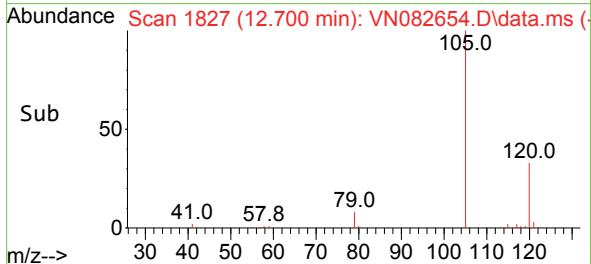
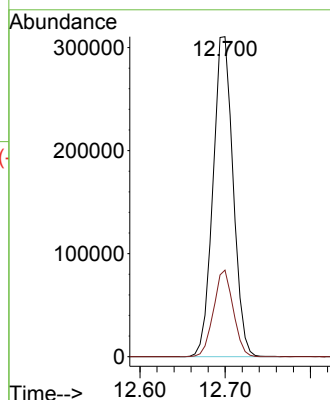
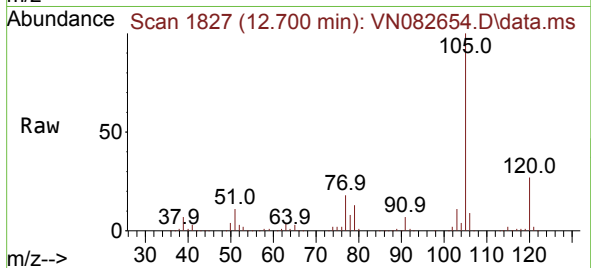




#73  
Isopropylbenzene  
Concen: 47.409 ug/l  
RT: 12.700 min Scan# 1827  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

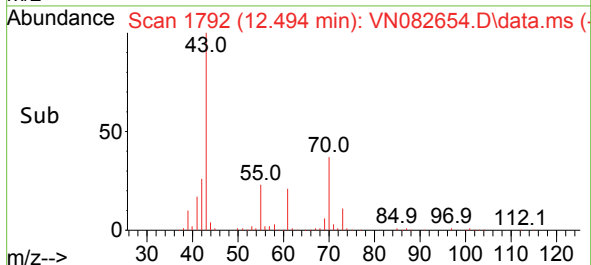
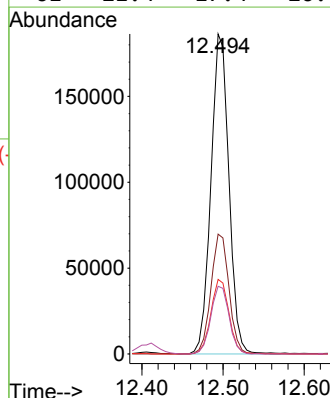
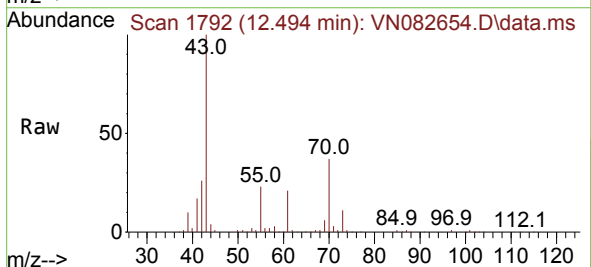
Instrument :  
MSVOA\_N  
ClientSampleId :

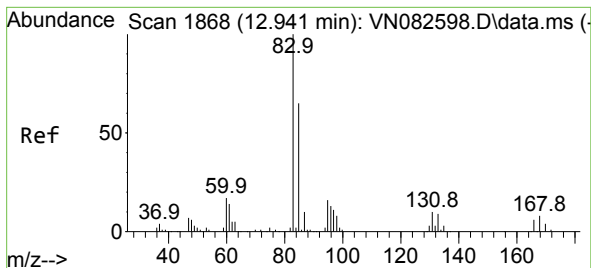
Tgt Ion:105 Resp: 509425  
Ion Ratio Lower Upper  
105 100  
120 26.4 12.9 38.6



#74  
N-ethyl acetate  
Concen: 49.967 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

Tgt Ion: 43 Resp: 286541  
Ion Ratio Lower Upper  
43 100  
70 37.6 29.8 44.6  
55 23.3 18.7 28.1  
61 21.4 17.4 26.0

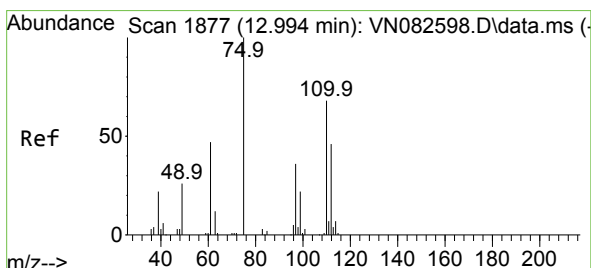
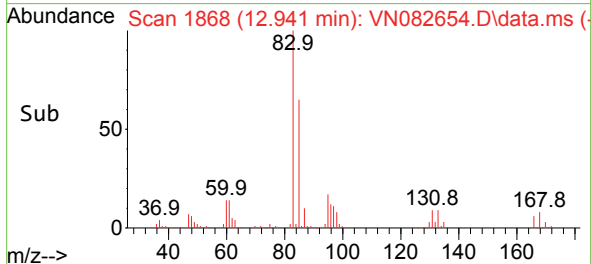
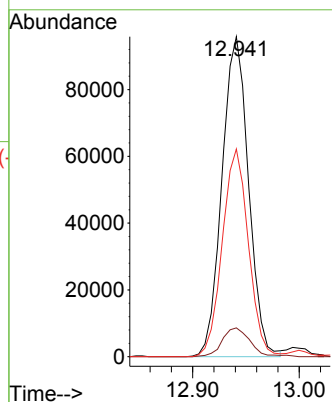
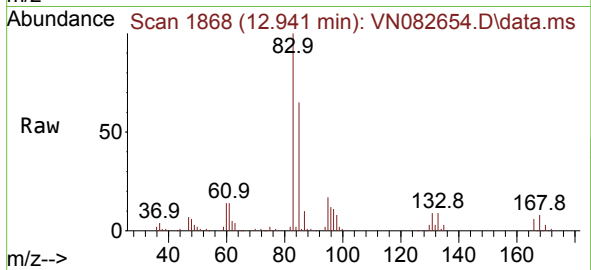




#75  
1,1,2,2-Tetrachloroethane  
Concen: 47.356 ug/l  
RT: 12.941 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

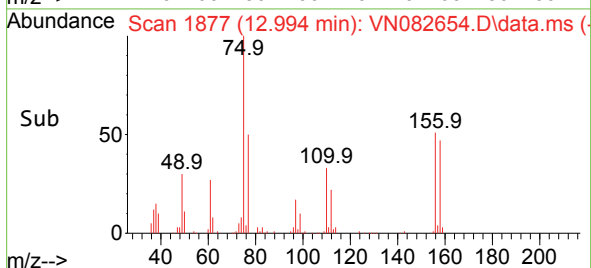
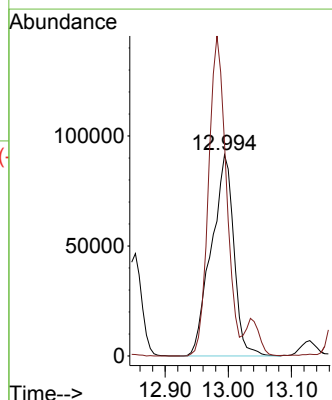
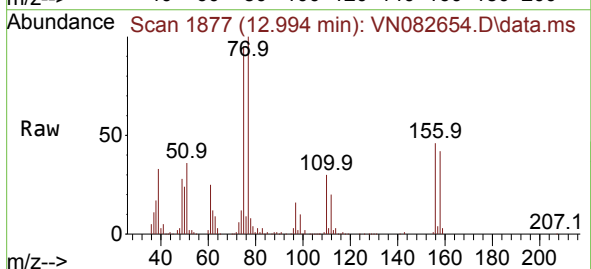
Instrument :  
MSVOA\_N  
ClientSampleId :

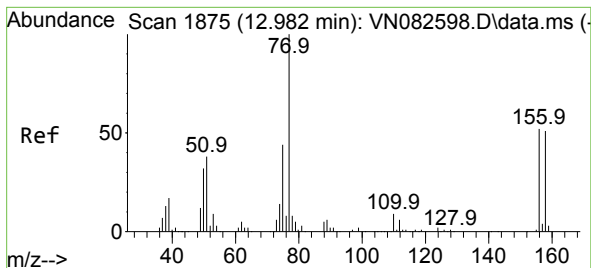
Tgt Ion: 83 Resp: 165984  
Ion Ratio Lower Upper  
83 100  
131 9.5 5.0 14.9  
85 63.7 31.9 95.7



#76  
1,2,3-Trichloropropane  
Concen: 65.403 ug/l  
RT: 12.994 min Scan# 1877  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

Tgt Ion: 75 Resp: 226361  
Ion Ratio Lower Upper  
75 100  
77 126.3 110.9 332.6





#77

Bromobenzene

Concen: 46.116 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082654.D

Acq: 19 Jun 2024 20:31

Instrument :

MSVOA\_N

ClientSampleId :

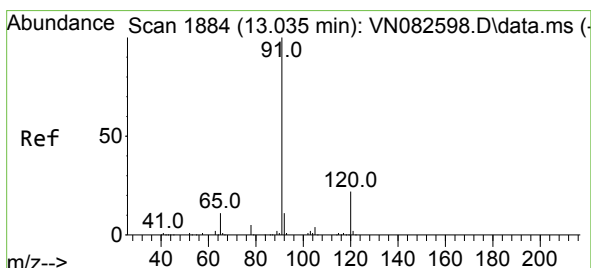
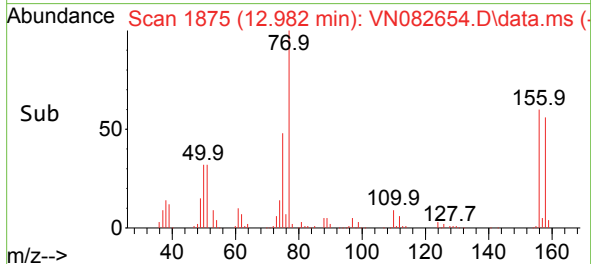
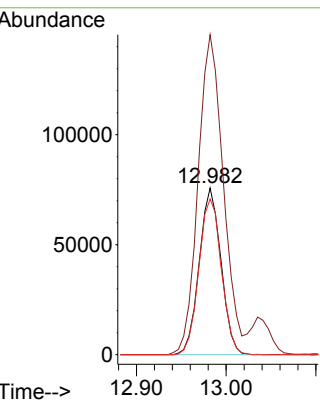
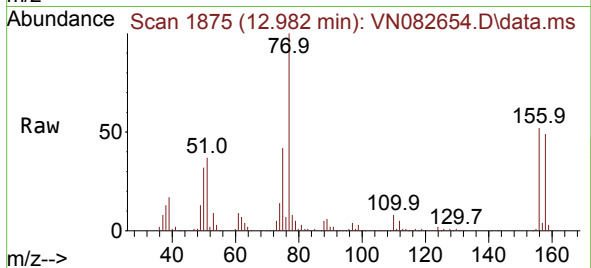
Tgt Ion:156 Resp: 127550

Ion Ratio Lower Upper

156 100

77 224.2 111.3 333.8

158 96.7 48.3 144.9



#78

n-propylbenzene

Concen: 48.763 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN082654.D

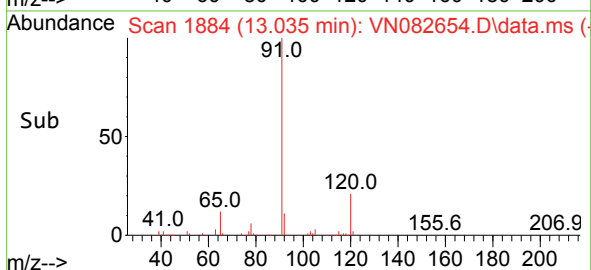
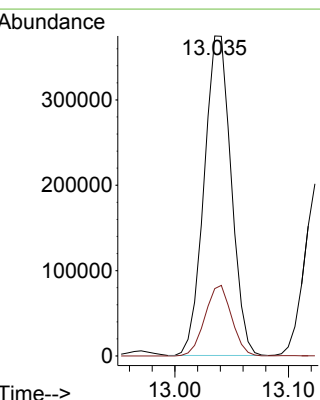
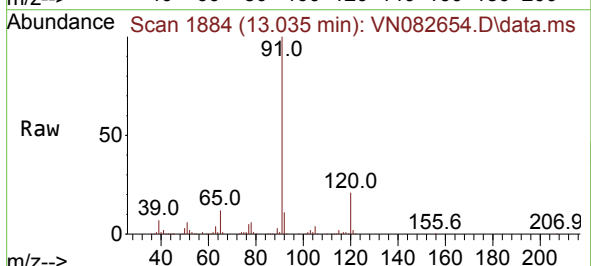
Acq: 19 Jun 2024 20:31

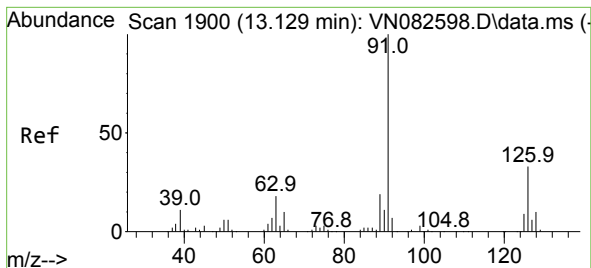
Tgt Ion: 91 Resp: 619793

Ion Ratio Lower Upper

91 100

120 21.7 10.9 32.9

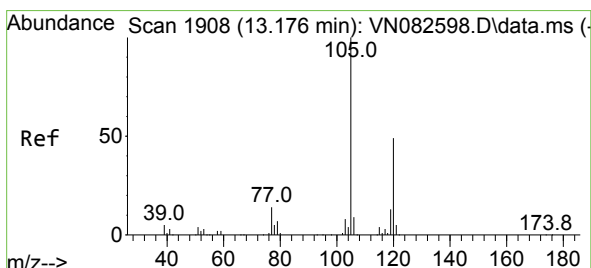
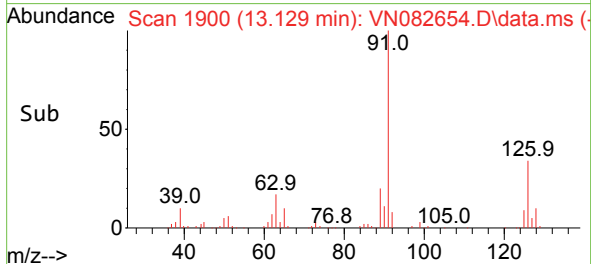
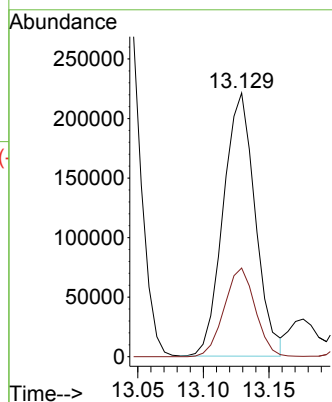
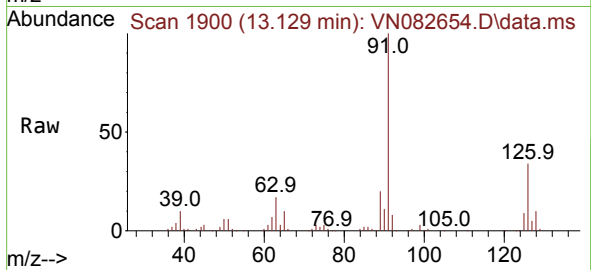




#79  
2-Chlorotoluene  
Concen: 47.160 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

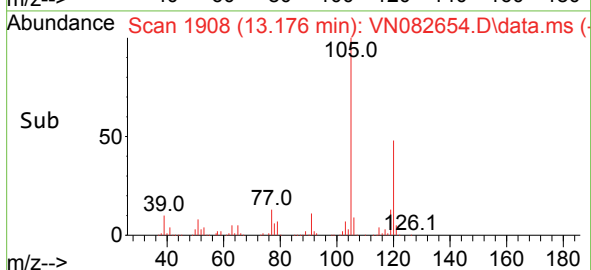
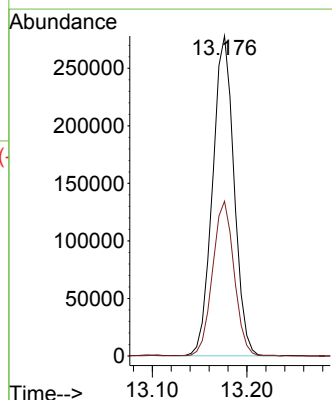
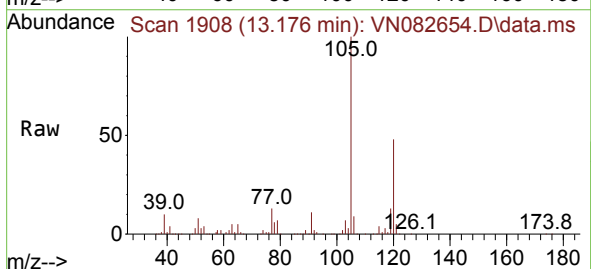
Instrument :  
MSVOA\_N  
ClientSampleId :

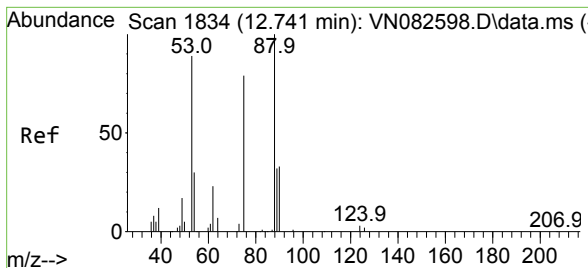
Tgt Ion: 91 Resp: 375902  
Ion Ratio Lower Upper  
91 100  
126 32.6 16.2 48.6



#80  
1,3,5-Trimethylbenzene  
Concen: 50.217 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

Tgt Ion: 105 Resp: 437892  
Ion Ratio Lower Upper  
105 100  
120 48.6 24.3 72.8

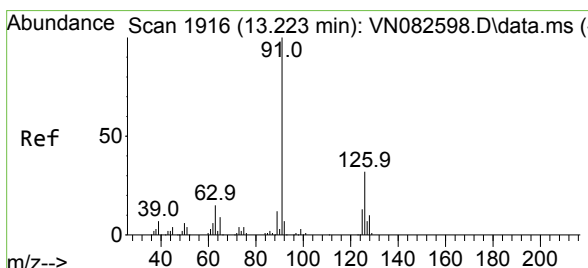
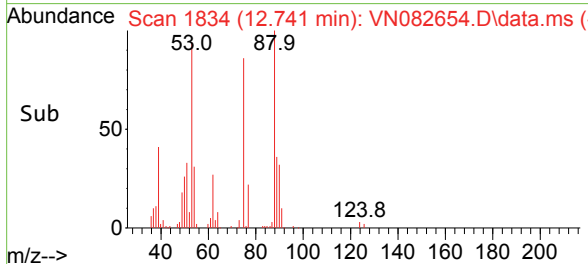
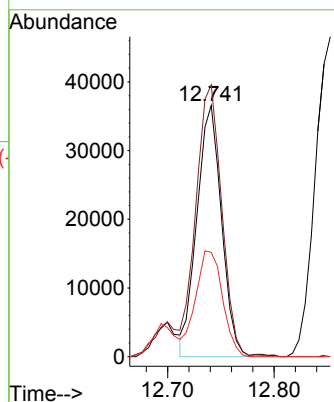
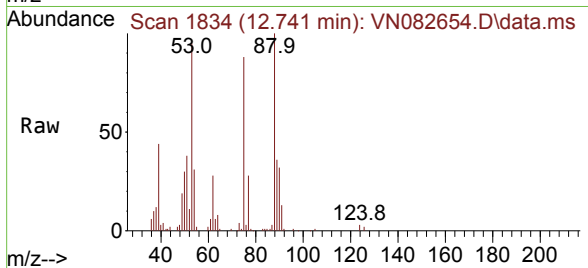




#81  
trans-1,4-Dichloro-2-butene  
Concen: 40.841 ug/l  
RT: 12.741 min Scan# 1834  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

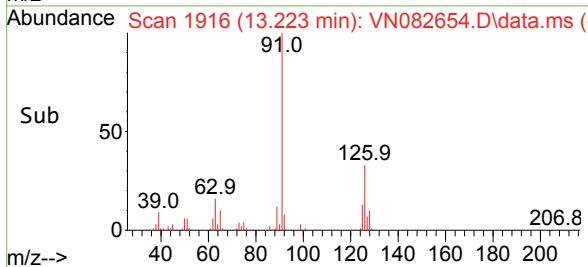
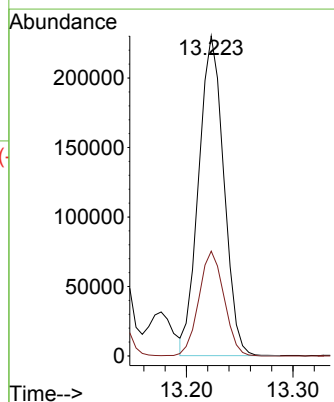
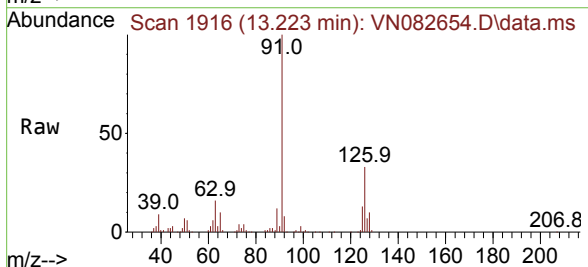
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 75 Resp: 59082  
Ion Ratio Lower Upper  
75 100  
53 126.5 88.4 132.6  
89 46.1 36.3 54.5



#82  
4-Chlorotoluene  
Concen: 47.396 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

Tgt Ion: 91 Resp: 377390  
Ion Ratio Lower Upper  
91 100  
126 32.9 16.2 48.6





#83

tert-Butylbenzene

Concen: 49.324 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN082654.D

Acq: 19 Jun 2024 20:31

Instrument :

MSVOA\_N

ClientSampleId :

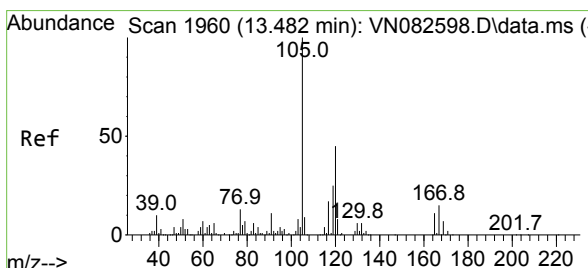
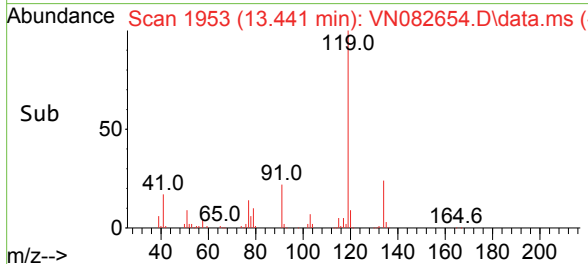
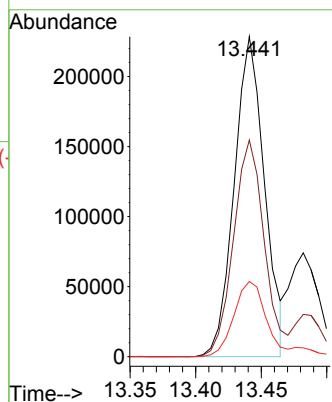
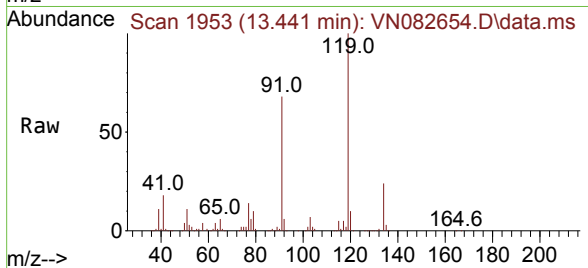
Tgt Ion:119 Resp: 366372

Ion Ratio Lower Upper

119 100

91 69.4 35.0 105.1

134 24.8 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 50.718 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN082654.D

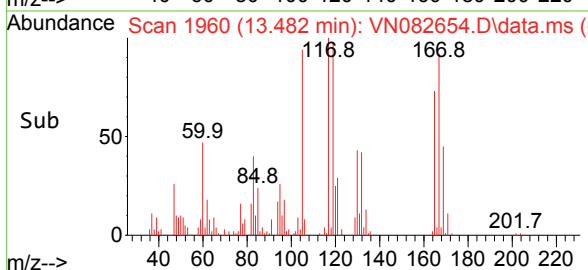
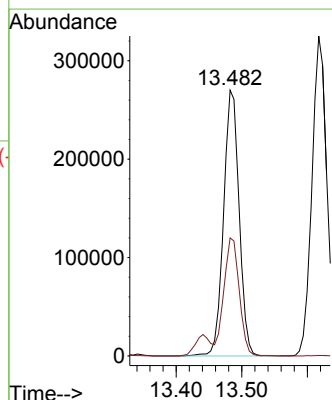
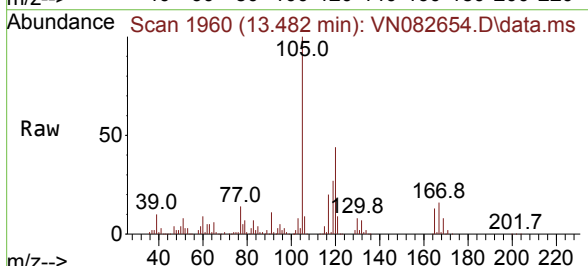
Acq: 19 Jun 2024 20:31

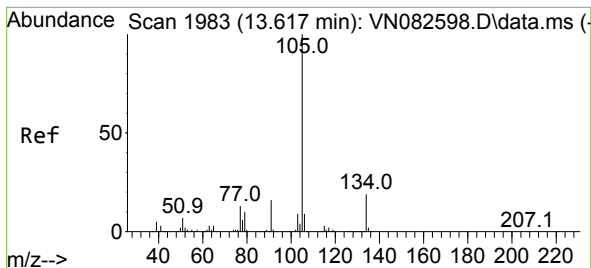
Tgt Ion:105 Resp: 443661

Ion Ratio Lower Upper

105 100

120 43.8 21.9 65.8





#85

sec-Butylbenzene

Concen: 48.587 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN082654.D

Acq: 19 Jun 2024 20:31

Instrument :

MSVOA\_N

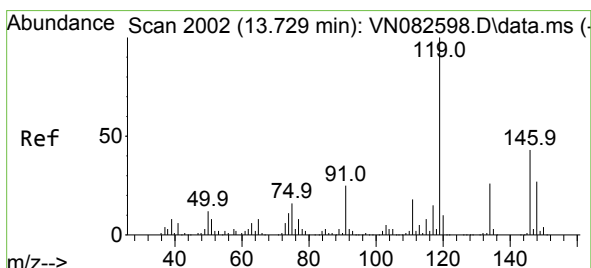
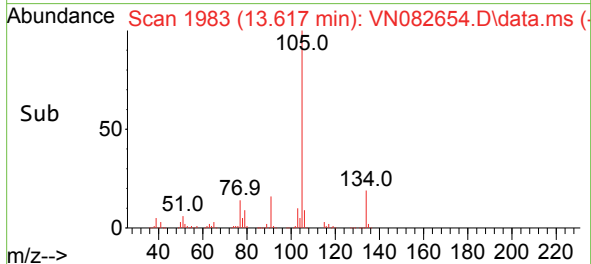
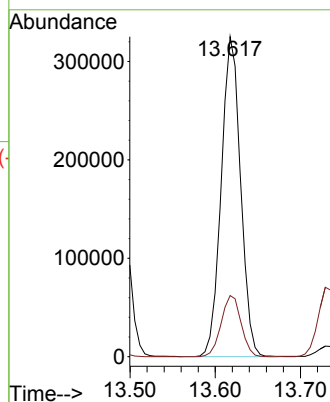
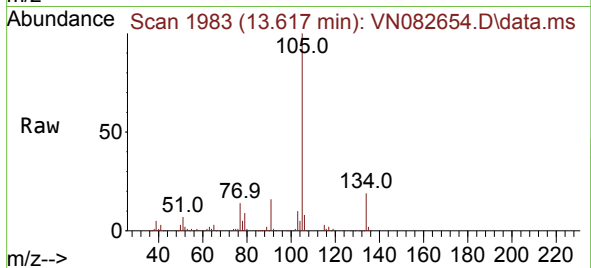
ClientSampleId :

Tgt Ion:105 Resp: 512546

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.3



#86

p-Isopropyltoluene

Concen: 50.922 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN082654.D

Acq: 19 Jun 2024 20:31

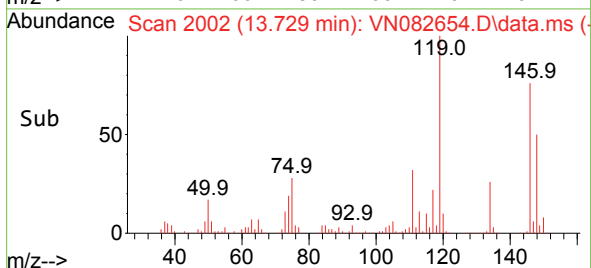
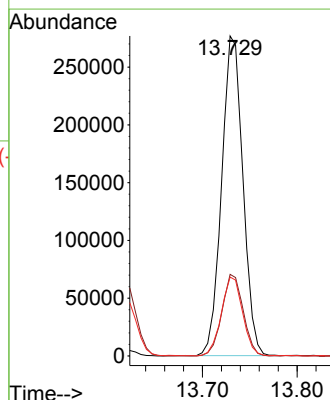
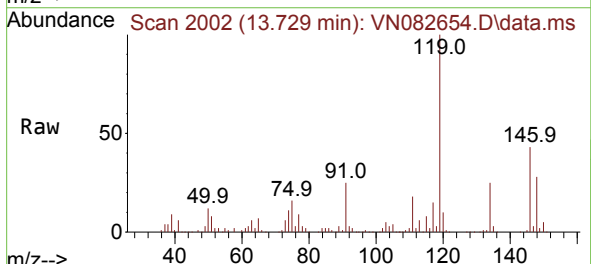
Tgt Ion:119 Resp: 432578

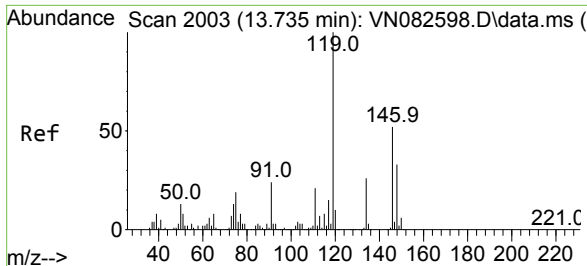
Ion Ratio Lower Upper

119 100

134 25.5 13.0 39.0

91 24.5 12.3 36.9

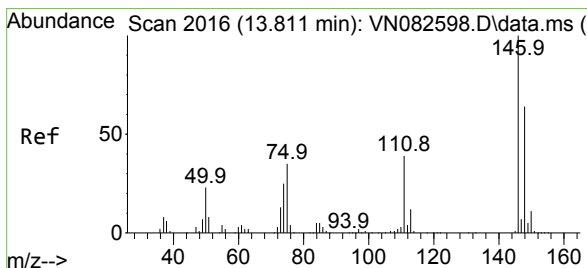
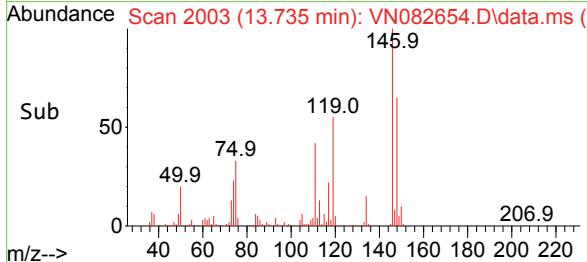
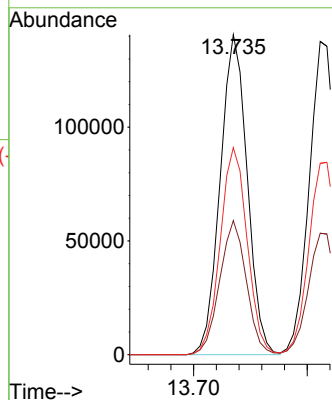
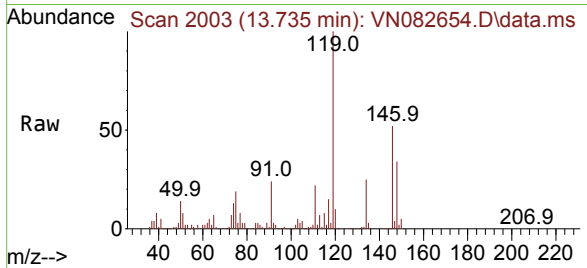




#87  
1,3-Dichlorobenzene  
Concen: 46.397 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

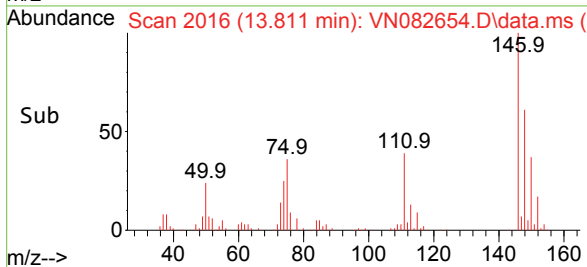
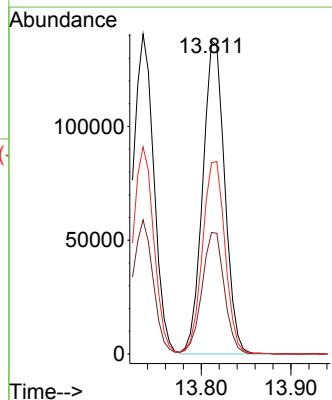
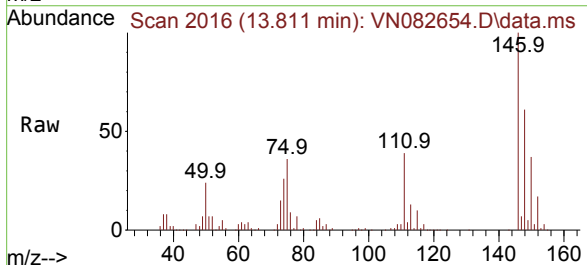
Instrument :  
MSVOA\_N  
ClientSampleId :

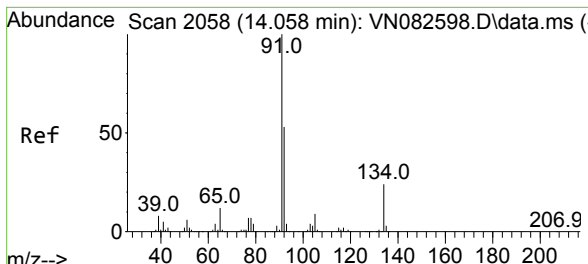
Tgt Ion:146 Resp: 232673  
Ion Ratio Lower Upper  
146 100  
111 41.4 20.6 61.9  
148 64.6 31.8 95.3



#88  
1,4-Dichlorobenzene  
Concen: 44.720 ug/l  
RT: 13.811 min Scan# 2016  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

Tgt Ion:146 Resp: 234411  
Ion Ratio Lower Upper  
146 100  
111 39.6 20.1 60.3  
148 63.3 32.2 96.6

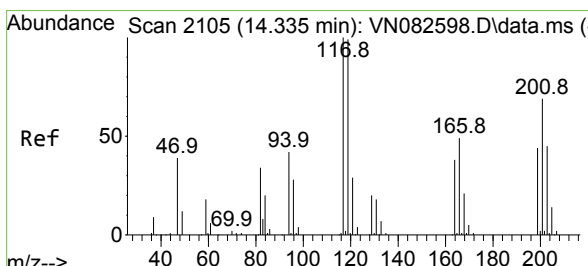
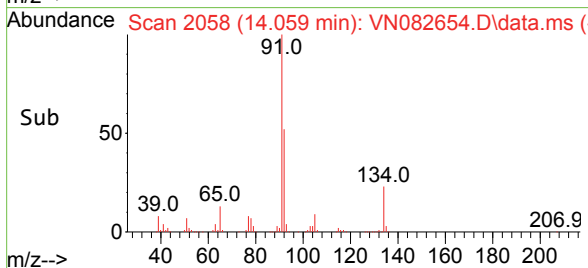
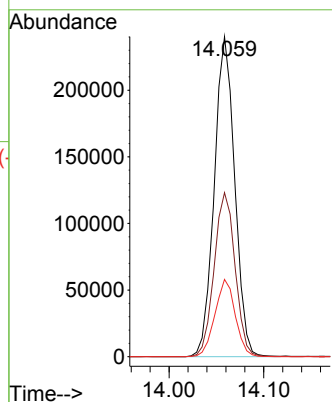
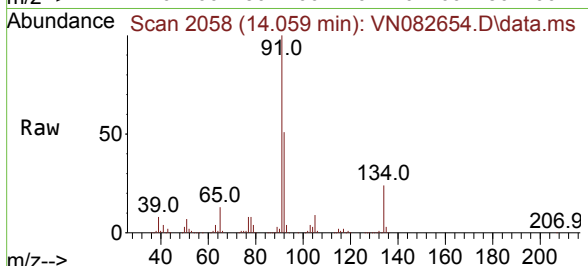




#89  
n-Butylbenzene  
Concen: 47.814 ug/l  
RT: 14.059 min Scan# 2058  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

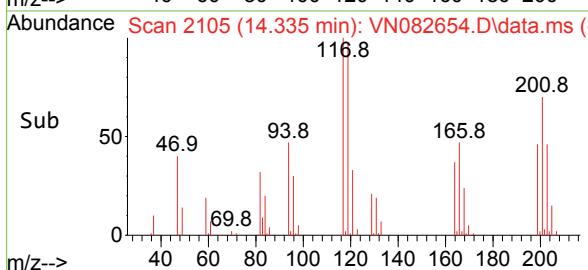
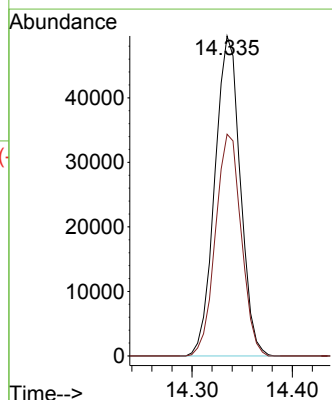
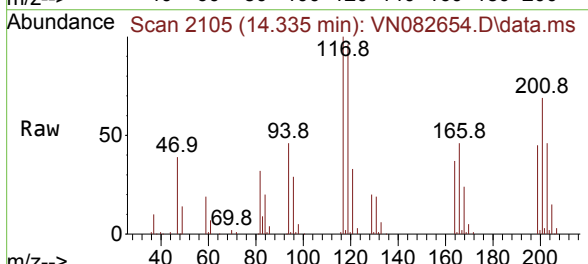
Instrument :  
MSVOA\_N  
ClientSampleId :

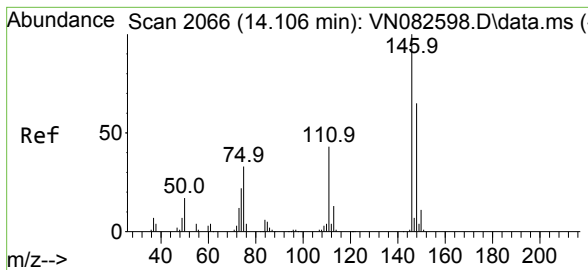
Tgt Ion: 91 Resp: 360290  
Ion Ratio Lower Upper  
91 100  
92 52.5 26.1 78.3  
134 24.1 12.1 36.3



#90  
Hexachloroethane  
Concen: 47.258 ug/l  
RT: 14.335 min Scan# 2105  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

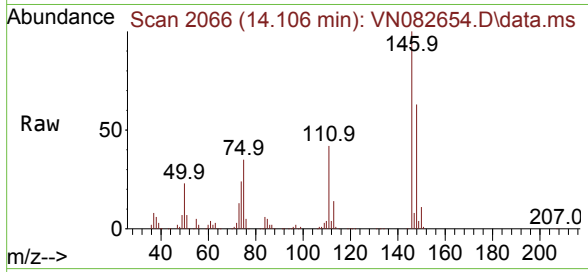
Tgt Ion: 117 Resp: 87348  
Ion Ratio Lower Upper  
117 100  
201 70.2 35.8 107.3



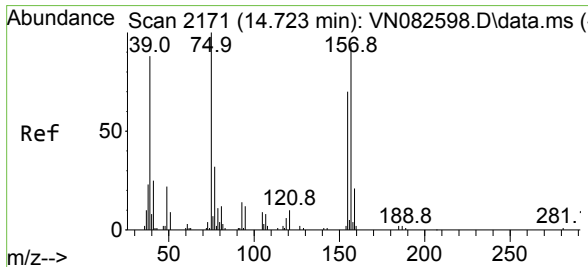
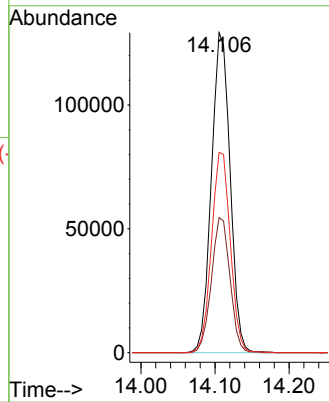
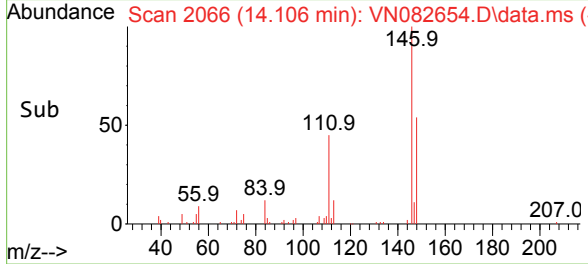


#91  
1,2-Dichlorobenzene  
Concen: 46.155 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

Instrument :  
MSVOA\_N  
ClientSampleId :

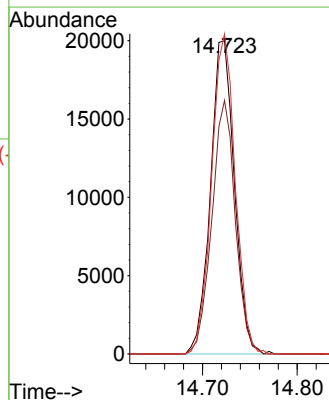
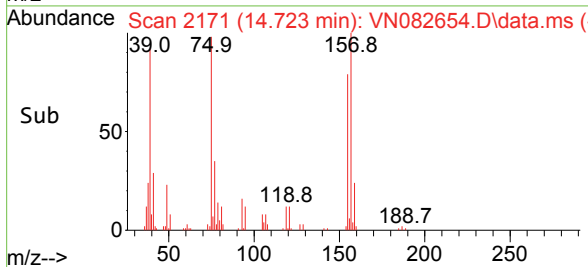
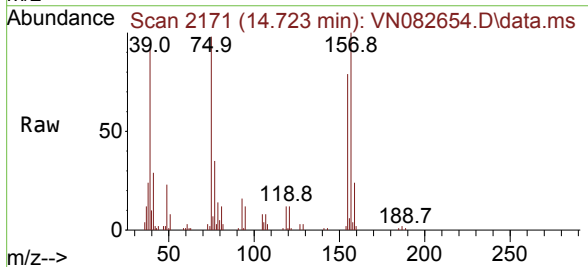


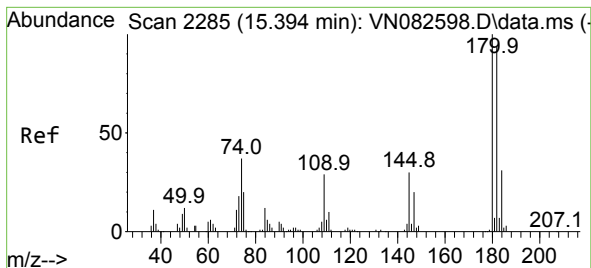
Tgt Ion:146 Resp: 225998  
Ion Ratio Lower Upper  
146 100  
111 42.0 21.4 64.2  
148 63.2 32.1 96.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 47.389 ug/l  
RT: 14.723 min Scan# 2171  
Delta R.T. 0.000 min  
Lab File: VN082654.D  
Acq: 19 Jun 2024 20:31

Tgt Ion: 75 Resp: 35152  
Ion Ratio Lower Upper  
75 100  
155 79.1 36.6 109.8  
157 100.8 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 43.292 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082654.D

Acq: 19 Jun 2024 20:31

Instrument :

MSVOA\_N

ClientSampleId :

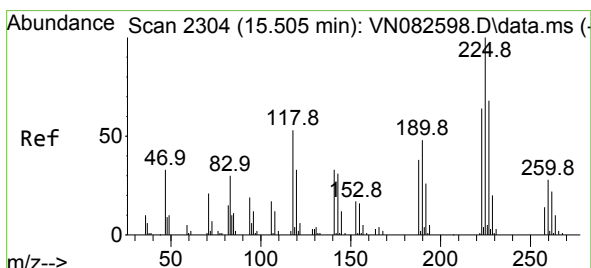
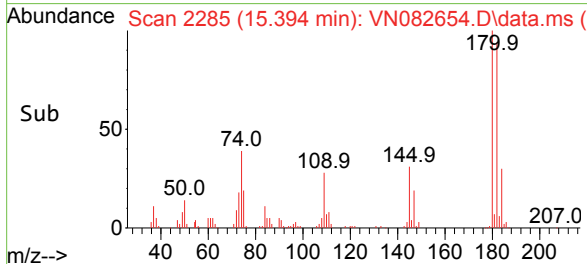
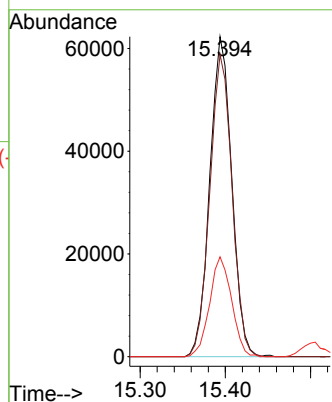
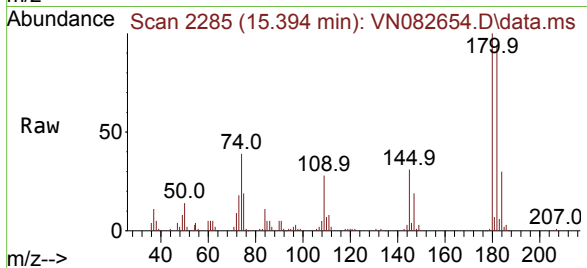
Tgt Ion:180 Resp: 111780

Ion Ratio Lower Upper

180 100

182 95.2 47.3 141.8

145 31.2 15.7 47.1



#94

Hexachlorobutadiene

Concen: 38.287 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN082654.D

Acq: 19 Jun 2024 20:31

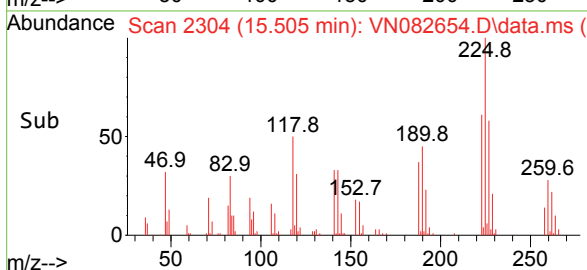
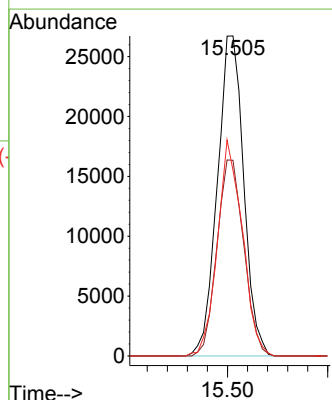
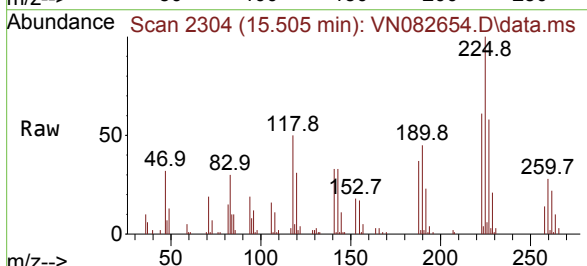
Tgt Ion:225 Resp: 48742

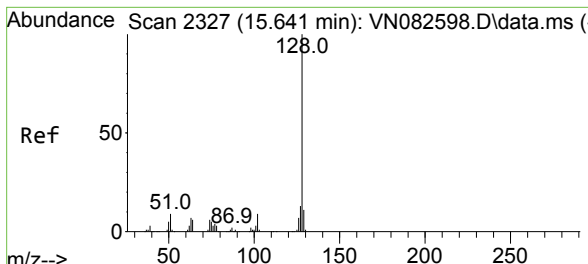
Ion Ratio Lower Upper

225 100

223 62.4 31.9 95.7

227 63.9 32.5 97.5

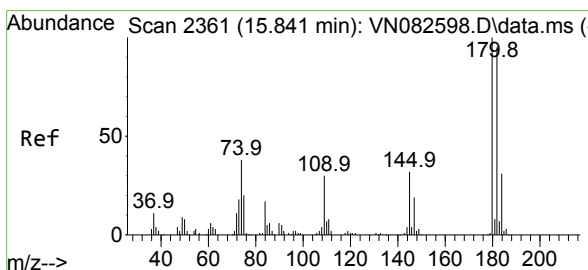
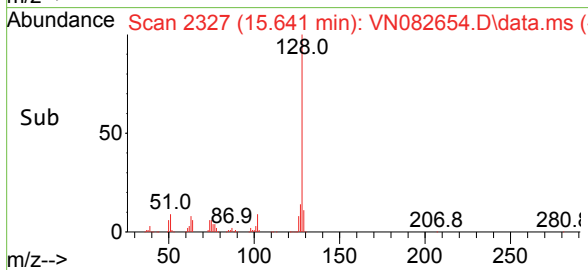
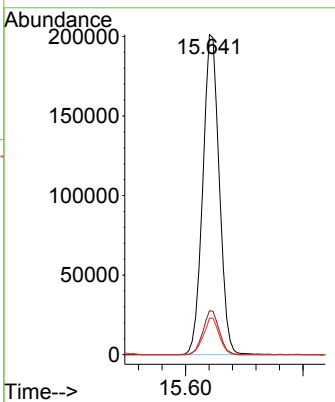
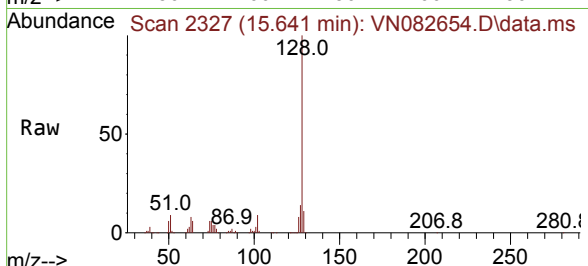




#95  
 Naphthalene  
 Concen: 49.207 ug/l  
 RT: 15.641 min Scan# 2327  
 Delta R.T. 0.000 min  
 Lab File: VN082654.D  
 Acq: 19 Jun 2024 20:31

Instrument :  
 MSVOA\_N  
 ClientSampleId :

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 390880 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.6  | 10.6  | 16.0   |
| 129       | 11.0  | 8.6   | 12.8   |



#96  
 1,2,3-Trichlorobenzene  
 Concen: 44.747 ug/l  
 RT: 15.841 min Scan# 2361  
 Delta R.T. 0.000 min  
 Lab File: VN082654.D  
 Acq: 19 Jun 2024 20:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 117743 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.7  | 48.9  | 146.8  |
| 145       | 33.5  | 16.8  | 50.4   |

