

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN071824\  
 Data File : VN082977.D  
 Acq On : 18 Jul 2024 16:45  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jul 19 00:45:00 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070824W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 08 13:46:04 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 8.224  | 168   | 89350    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.100  | 114   | 153629   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 11.865 | 117   | 147276   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794 | 152   | 70490    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 8.577  | 65    | 67175    | 53.632   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | = 107.260% |          |
| 35) Dibromofluoromethane     | 8.165  | 113   | 52681    | 53.440   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | = 106.880% |          |
| 50) Toluene-d8               | 10.571 | 98    | 196933   | 54.087   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | = 108.180% |          |
| 62) 4-Bromofluorobenzene     | 12.853 | 95    | 65474    | 50.061   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 64 - 133 | Recovery | = 100.120% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.124  | 85    | 57787    | 49.955   | ug/l       | 99       |
| 3) Chloromethane             | 2.365  | 50    | 47937    | 43.697   | ug/l       | 99       |
| 4) Vinyl Chloride            | 2.512  | 62    | 58372    | 50.664   | ug/l       | 99       |
| 5) Bromomethane              | 2.942  | 94    | 40541    | 48.803   | ug/l       | 93       |
| 6) Chloroethane              | 3.112  | 64    | 44384    | 56.294   | ug/l       | 95       |
| 7) Trichlorofluoromethane    | 3.489  | 101   | 88730    | 53.545   | ug/l       | 93       |
| 8) Diethyl Ether             | 3.959  | 74    | 29893    | 52.709   | ug/l       | 84       |
| 9) 1,1,2-Trichlorotrifluo... | 4.371  | 101   | 51351    | 54.752   | ug/l       | 98       |
| 10) Methyl Iodide            | 4.583  | 142   | 51462    | 53.519   | ug/l       | 99       |
| 11) Tert butyl alcohol       | 5.524  | 59    | 45927    | 218.011  | ug/l       | 99       |
| 12) 1,1-Dichloroethene       | 4.336  | 96    | 47637    | 52.227   | ug/l       | 85       |
| 13) Acrolein                 | 4.171  | 56    | 36402    | 239.339  | ug/l       | 99       |
| 14) Allyl chloride           | 5.018  | 41    | 67759    | 47.645   | ug/l #     | 94       |
| 15) Acrylonitrile            | 5.712  | 53    | 128846   | 266.134  | ug/l       | 100      |
| 16) Acetone                  | 4.424  | 43    | 105703   | 239.703  | ug/l       | 91       |
| 17) Carbon Disulfide         | 4.706  | 76    | 123881   | 45.452   | ug/l       | 99       |
| 18) Methyl Acetate           | 5.024  | 43    | 69296    | 59.387   | ug/l #     | 88       |
| 19) Methyl tert-butyl Ether  | 5.800  | 73    | 171067   | 54.370   | ug/l       | 96       |
| 20) Methylene Chloride       | 5.271  | 84    | 57401    | 53.900   | ug/l       | 88       |
| 21) trans-1,2-Dichloroethene | 5.783  | 96    | 51922    | 52.536   | ug/l       | 93       |
| 22) Diisopropyl ether        | 6.671  | 45    | 175032   | 58.828   | ug/l #     | 96       |
| 23) Vinyl Acetate            | 6.600  | 43    | 651160   | 275.589  | ug/l #     | 94       |
| 24) 1,1-Dichloroethane       | 6.571  | 63    | 103491   | 57.344   | ug/l       | 98       |
| 25) 2-Butanone               | 7.482  | 43    | 172160   | 258.557  | ug/l #     | 90       |
| 26) 2,2-Dichloropropane      | 7.488  | 77    | 93359    | 55.637   | ug/l       | 98       |
| 27) cis-1,2-Dichloroethene   | 7.482  | 96    | 64523    | 55.765   | ug/l       | 88       |
| 28) Bromochloromethane       | 7.812  | 49    | 40784    | 52.677   | ug/l #     | 84       |
| 29) Tetrahydrofuran          | 7.835  | 42    | 112819   | 269.137  | ug/l #     | 85       |
| 30) Chloroform               | 7.965  | 83    | 112013   | 58.504   | ug/l       | 100      |
| 31) Cyclohexane              | 8.253  | 56    | 77162    | 47.122   | ug/l       | 90       |
| 32) 1,1,1-Trichloroethane    | 8.165  | 97    | 101410   | 57.048   | ug/l       | 96       |
| 36) 1,1-Dichloropropene      | 8.365  | 75    | 74053    | 54.484   | ug/l       | 98       |
| 37) Ethyl Acetate            | 7.559  | 43    | 69224    | 50.026   | ug/l #     | 95       |
| 38) Carbon Tetrachloride     | 8.359  | 117   | 86647    | 52.948   | ug/l       | 97       |
| 39) Methylcyclohexane        | 9.600  | 83    | 74113    | 50.481   | ug/l       | 95       |
| 40) Benzene                  | 8.606  | 78    | 236328   | 56.527   | ug/l       | 97       |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jul 19 00:45:00 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070824W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 08 13:46:04 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 39942    | 53.579  | ug/l   | 91       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 85443    | 56.769  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 141087   | 54.331  | ug/l # | 96       |
| 44) Trichloroethene           | 9.353  | 130  | 55447    | 51.766  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 59273    | 60.727  | ug/l   | 97       |
| 46) Dibromomethane            | 9.712  | 93   | 42960    | 56.496  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.888  | 83   | 92334    | 58.768  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.682  | 41   | 58142    | 53.587  | ug/l # | 86       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 23458    | 993.769 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 389332   | 283.807 | ug/l   | 94       |
| 52) Toluene                   | 10.629 | 92   | 150418   | 57.595  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 92500    | 57.149  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 95317    | 55.635  | ug/l   | 90       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 58325    | 60.733  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 89822    | 60.118  | ug/l   | 85       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 99516    | 58.541  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 228979   | 298.668 | ug/l   | 95       |
| 59) 2-Hexanone                | 11.194 | 43   | 285528   | 279.950 | ug/l   | 93       |
| 60) Dibromochloromethane      | 11.359 | 129  | 71544    | 58.491  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.470 | 107  | 59530    | 58.371  | ug/l   | 100      |
| 64) Tetrachloroethene         | 11.106 | 164  | 52707    | 47.969  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.894 | 112  | 168016   | 53.239  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 62744    | 55.894  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.965 | 91   | 286509   | 54.016  | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.070 | 106  | 225509   | 112.613 | ug/l   | 96       |
| 69) o-Xylene                  | 12.400 | 106  | 106643   | 55.579  | ug/l   | 94       |
| 70) Styrene                   | 12.412 | 104  | 189721   | 59.842  | ug/l   | 97       |
| 71) Bromoform                 | 12.582 | 173  | 46816    | 53.031  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.694 | 105  | 270142   | 52.740  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 113865   | 53.743  | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 80976    | 52.787  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 110070   | 90.571  | ug/l   | 43       |
| 77) Bromobenzene              | 12.982 | 156  | 67285    | 50.919  | ug/l   | 95       |
| 78) n-propylbenzene           | 13.035 | 91   | 323348   | 54.905  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 194118   | 51.732  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 225596   | 54.487  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 35330    | 57.175  | ug/l   | 84       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 195877   | 52.738  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 190027   | 51.770  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 232636   | 55.128  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 270075   | 54.448  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 226617   | 54.759  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 125126   | 52.417  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 124117   | 50.276  | ug/l   | 100      |
| 89) n-Butylbenzene            | 14.059 | 91   | 189768   | 53.524  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.335 | 117  | 43749    | 49.960  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 119337   | 51.489  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 16327    | 46.005  | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 58392    | 46.772  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 25483    | 46.044  | ug/l   | 98       |
| 95) Naphthalene               | 15.641 | 128  | 199021   | 46.544  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 59973    | 46.721  | ug/l   | 97       |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 9 Sample Multiplier: 1

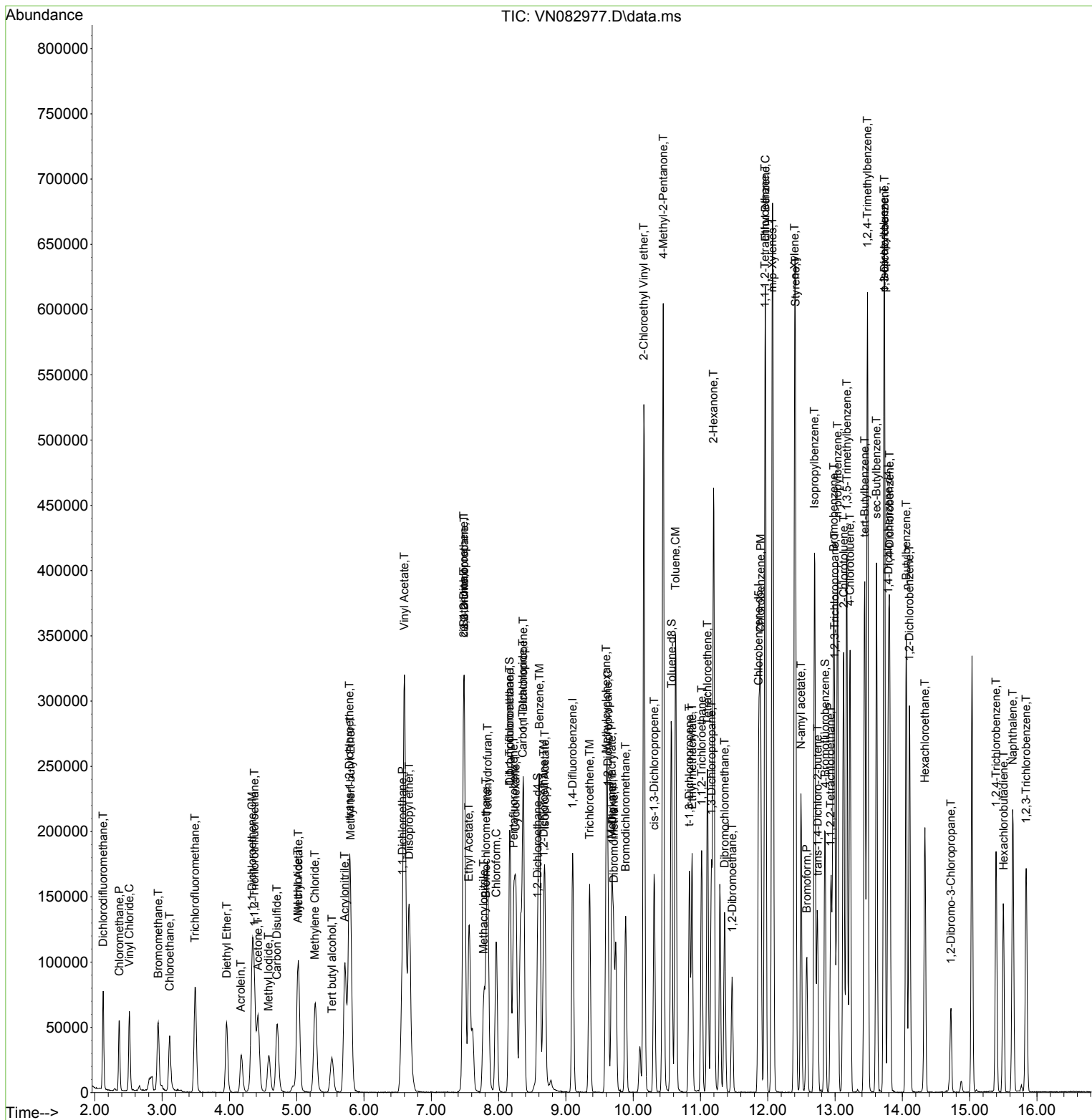
Instrument :  
MSVOA\_N  
ClientSampleId :

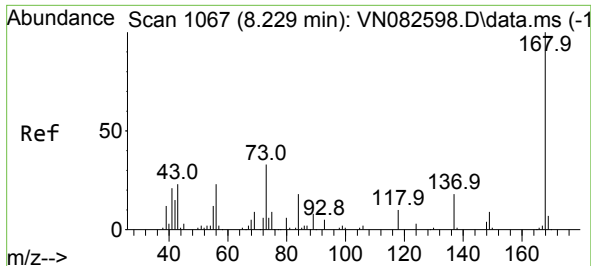
Quant Time: Jul 19 00:45:00 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070824W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jul 08 13:46:04 2024  
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070824W.M  
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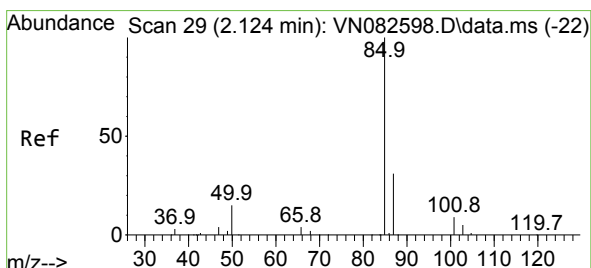
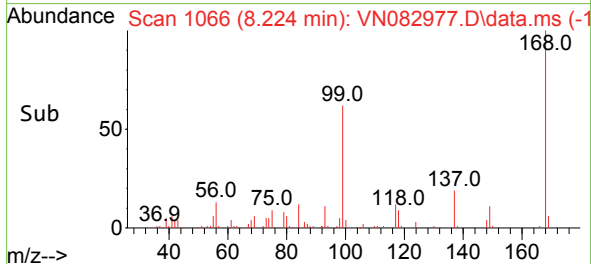
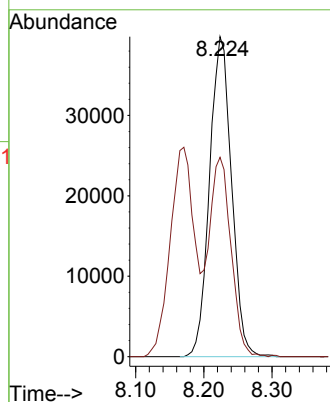
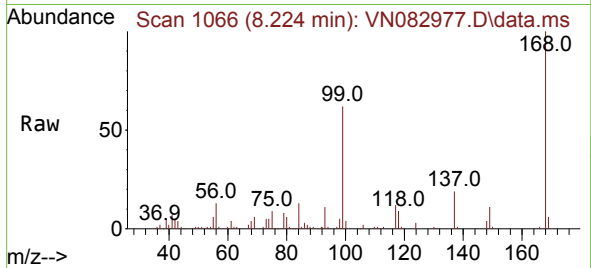




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 10  
Delta R.T. -0.005 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

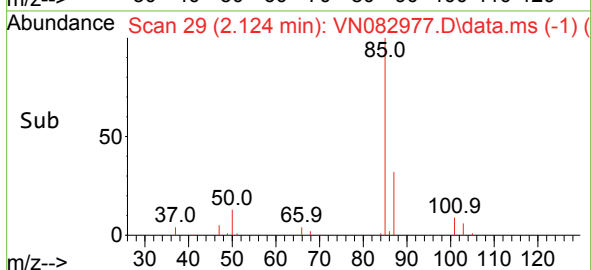
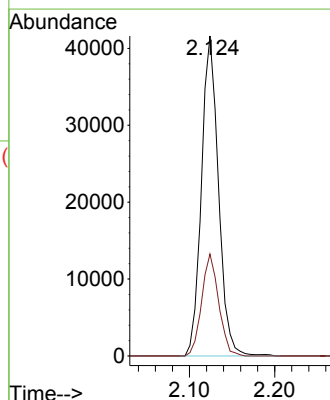
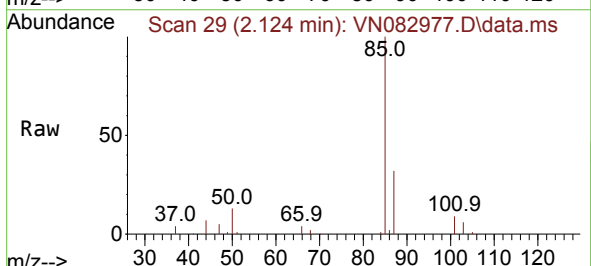
Instrument :  
MSVOA\_N  
ClientSampleId :

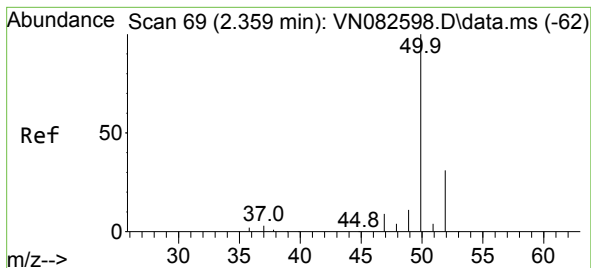
Tgt Ion:168 Resp: 89350  
Ion Ratio Lower Upper  
168 100  
99 62.3 48.2 72.4



#2  
Dichlorodifluoromethane  
Concen: 49.955 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. 0.000 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

Tgt Ion: 85 Resp: 57787  
Ion Ratio Lower Upper  
85 100  
87 31.9 15.7 47.0





#3

Chloromethane

Concen: 43.697 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN082977.D

Acq: 18 Jul 2024 16:45

Instrument :

MSVOA\_N

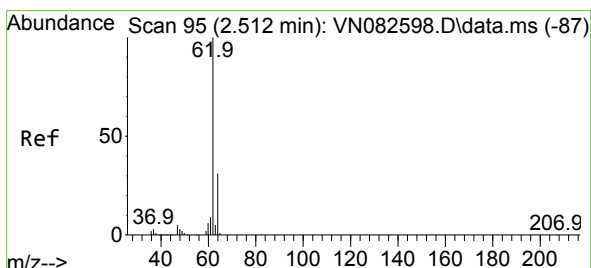
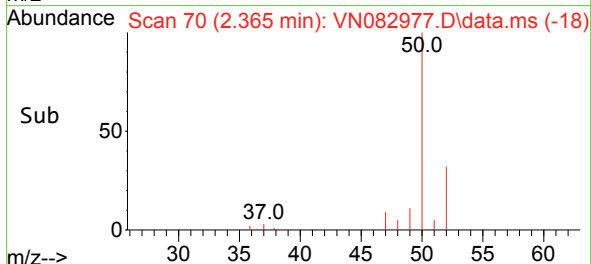
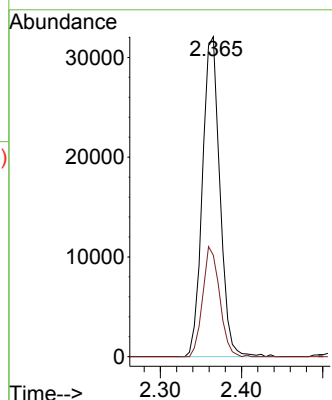
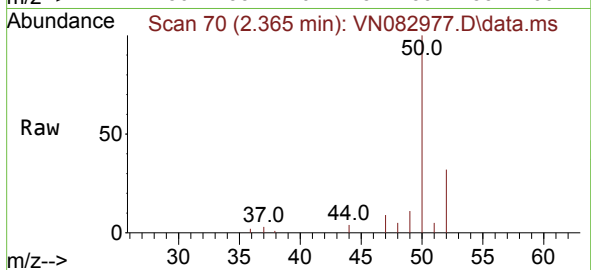
ClientSampleId :

Tgt Ion: 50 Resp: 47937

Ion Ratio Lower Upper

50 100

52 31.7 25.0 37.4



#4

Vinyl Chloride

Concen: 50.664 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN082977.D

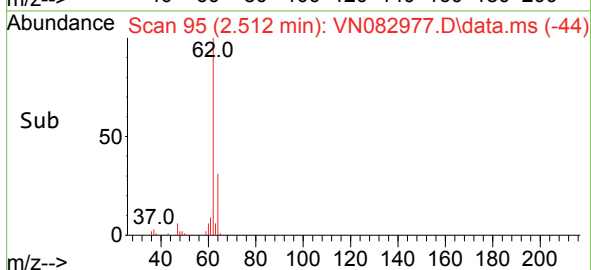
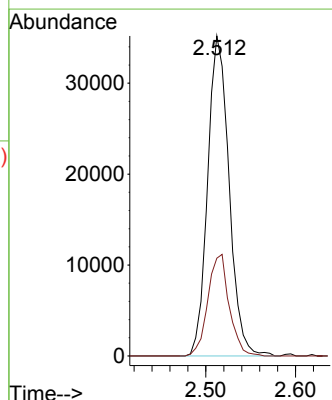
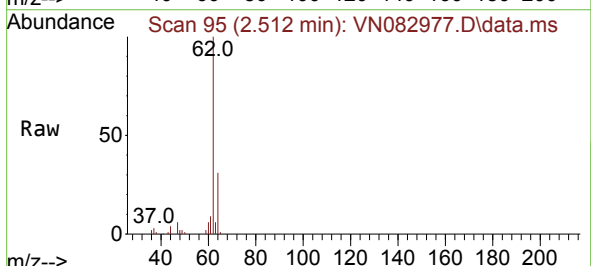
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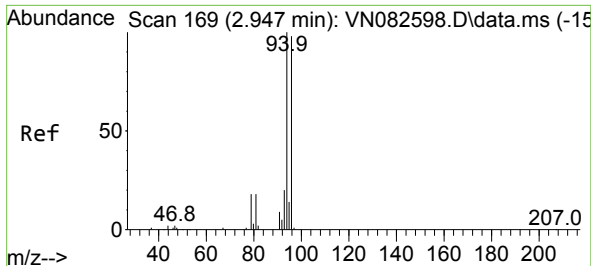
Tgt Ion: 62 Resp: 58372

Ion Ratio Lower Upper

62 100

64 30.6 25.0 37.6

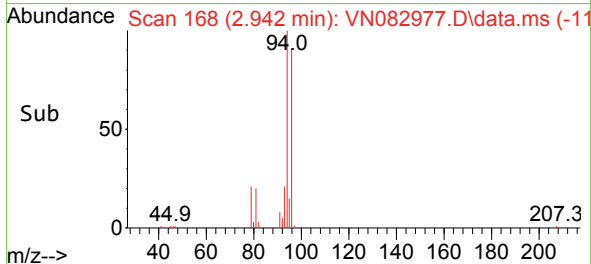
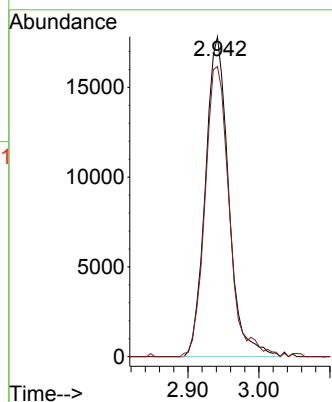
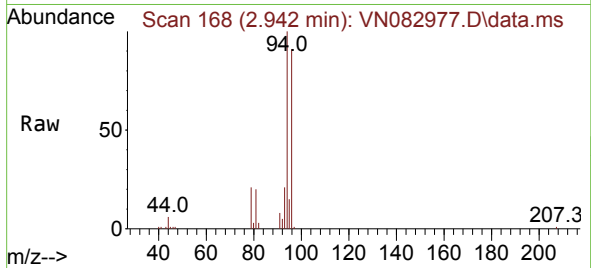




#5  
Bromomethane  
Concen: 48.803 ug/l  
RT: 2.942 min Scan# 1  
Delta R.T. -0.005 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

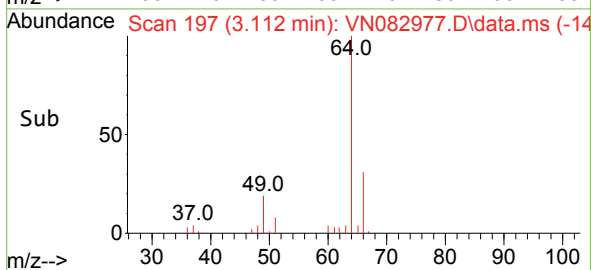
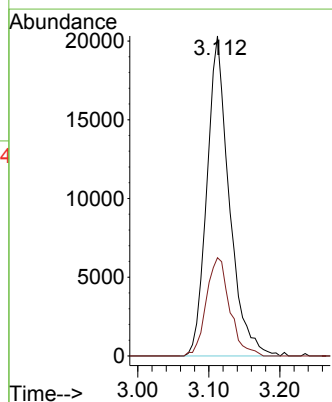
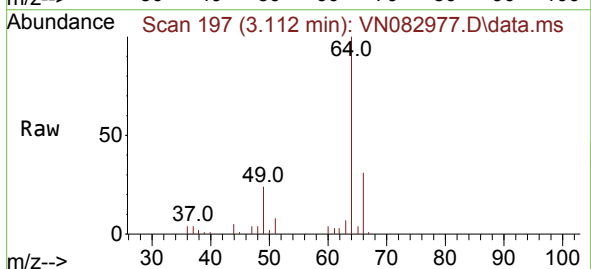
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 94 Resp: 40541  
Ion Ratio Lower Upper  
94 100  
96 90.7 78.0 117.0



#6  
Chloroethane  
Concen: 56.294 ug/l  
RT: 3.112 min Scan# 197  
Delta R.T. 0.000 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

Tgt Ion: 64 Resp: 44384  
Ion Ratio Lower Upper  
64 100  
66 30.7 26.6 40.0

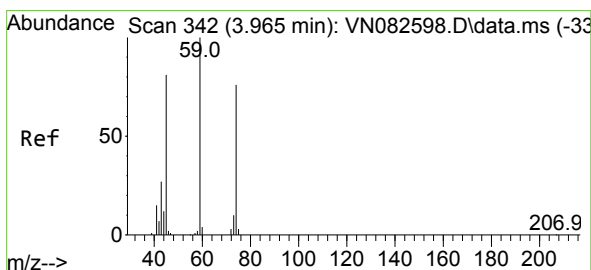
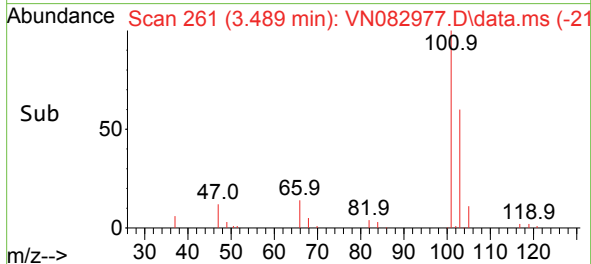
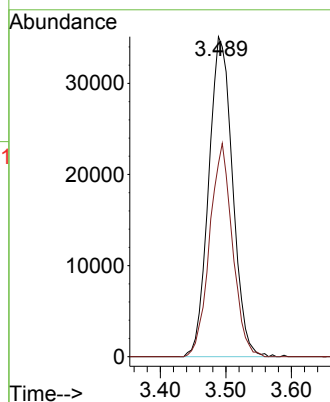
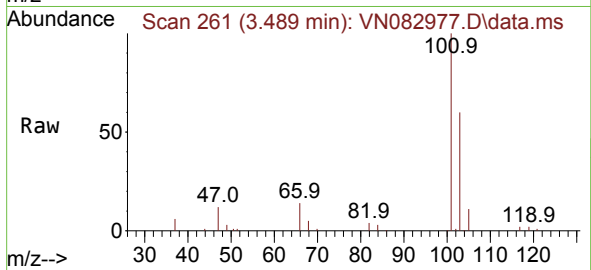




#7  
Trichlorofluoromethane  
Concen: 53.545 ug/l  
RT: 3.489 min Scan# 20  
Delta R.T. -0.005 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

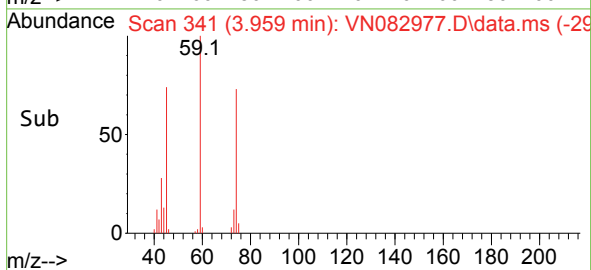
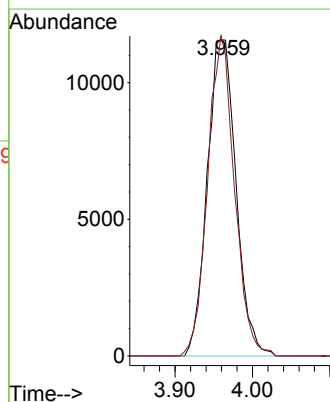
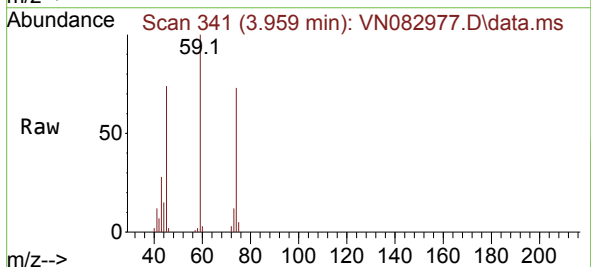
Instrument :  
MSVOA\_N  
ClientSampleId :

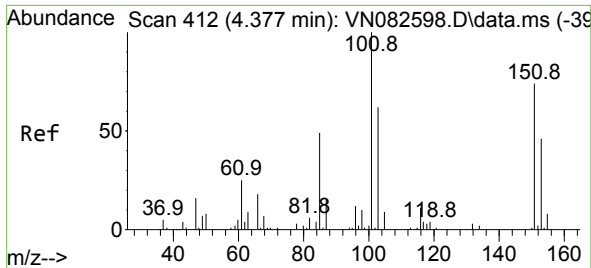
Tgt Ion:101 Resp: 88730  
Ion Ratio Lower Upper  
101 100  
103 60.3 52.7 79.1



#8  
Diethyl Ether  
Concen: 52.709 ug/l  
RT: 3.959 min Scan# 341  
Delta R.T. -0.006 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

Tgt Ion: 74 Resp: 29893  
Ion Ratio Lower Upper  
74 100  
45 94.3 55.5 166.3

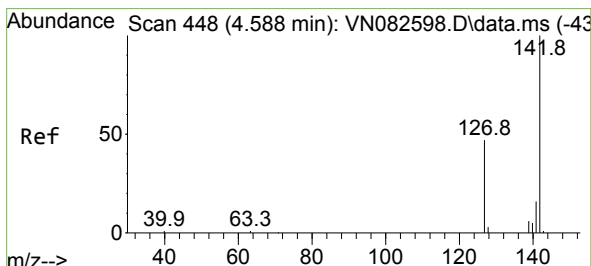
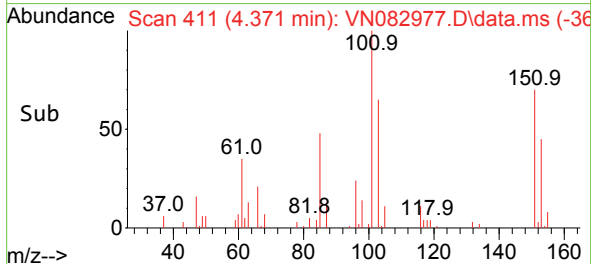
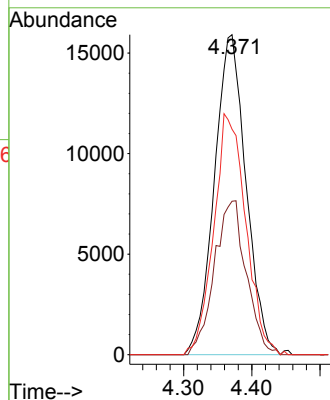
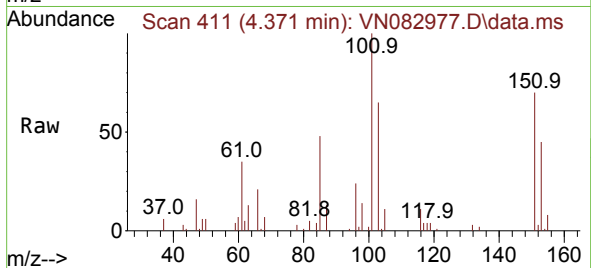




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 54.752 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. -0.006 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

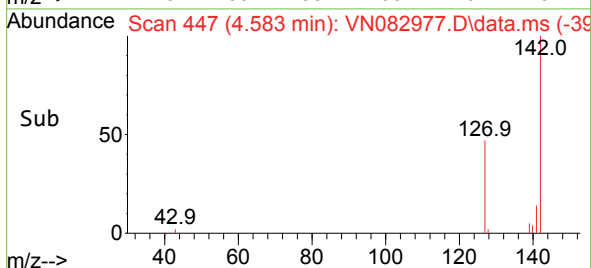
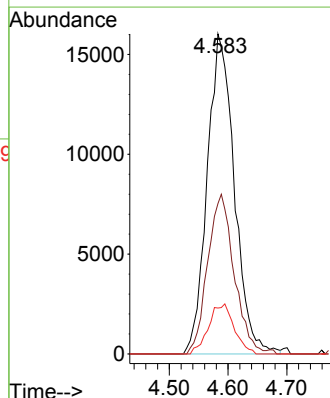
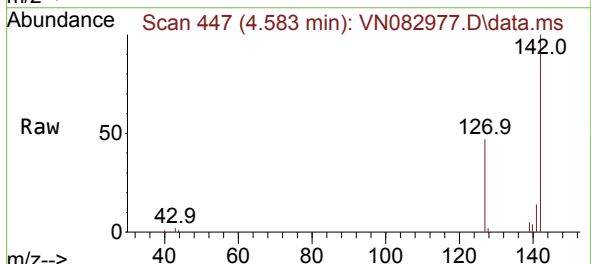
Instrument :  
MSVOA\_N  
ClientSampleId :

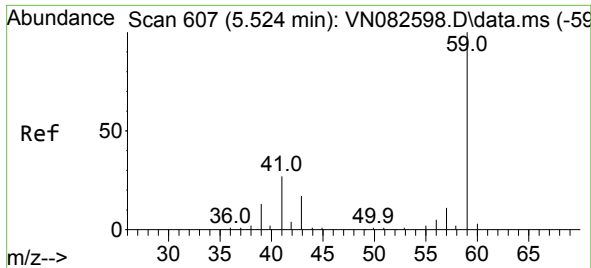
Tgt Ion:101 Resp: 51351  
Ion Ratio Lower Upper  
101 100  
85 48.6 38.3 57.5  
151 76.1 59.3 88.9



#10  
Methyl Iodide  
Concen: 53.519 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. -0.005 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

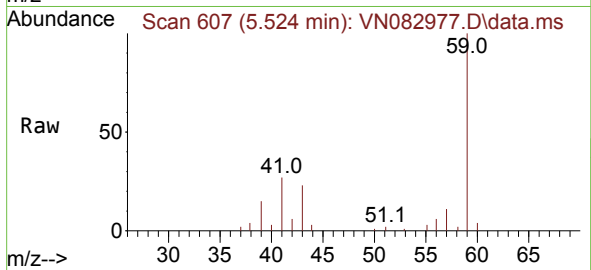
Tgt Ion:142 Resp: 51462  
Ion Ratio Lower Upper  
142 100  
127 47.0 37.5 56.3  
141 14.3 13.1 19.7



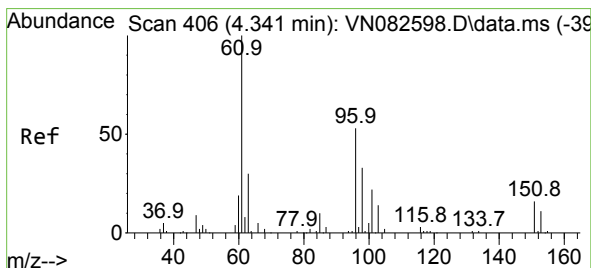
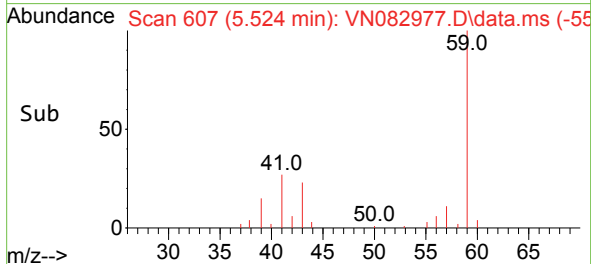
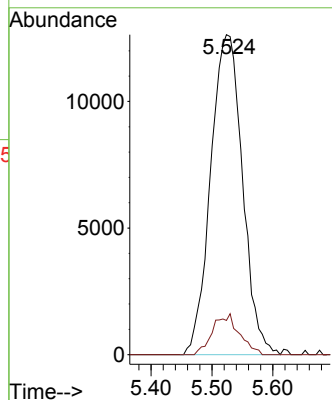


#11  
Tert butyl alcohol  
Concen: 218.011 ug/l  
RT: 5.524 min Scan# 607  
Delta R.T. -0.000 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

Instrument :  
MSVOA\_N  
ClientSampleId :

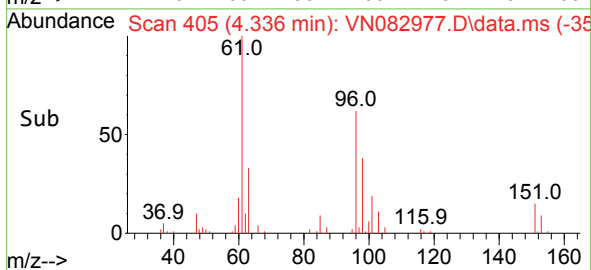
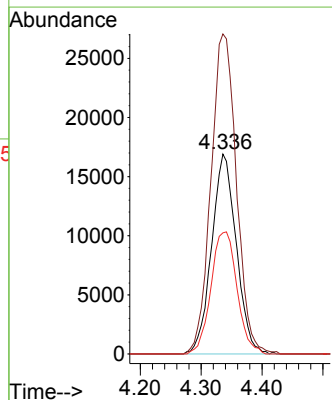
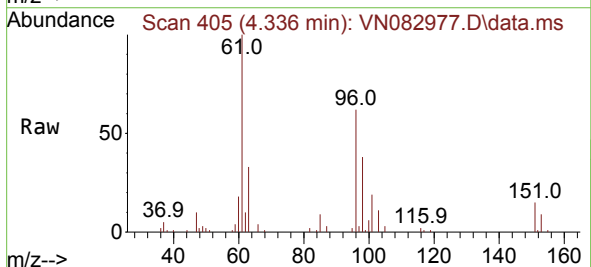


Tgt Ion: 59 Resp: 45927  
Ion Ratio Lower Upper  
59 100  
57 10.6 8.9 13.3



#12  
1,1-Dichloroethene  
Concen: 52.227 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. -0.005 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

Tgt Ion: 96 Resp: 47637  
Ion Ratio Lower Upper  
96 100  
61 160.1 149.7 224.5  
98 60.6 50.1 75.1

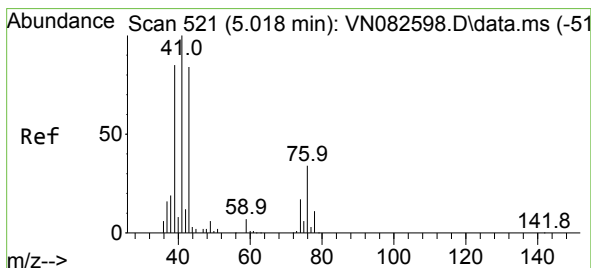
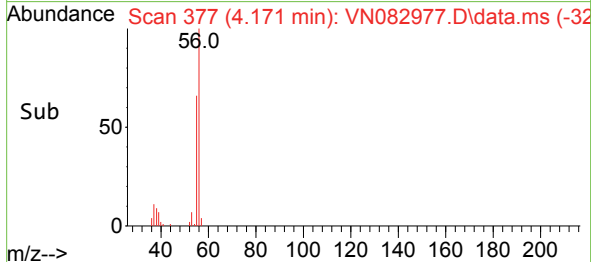
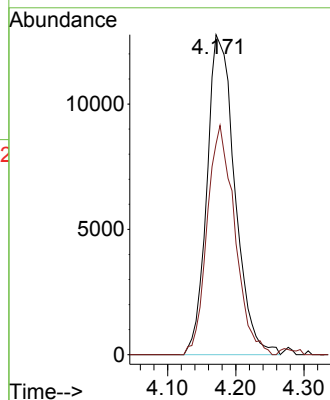
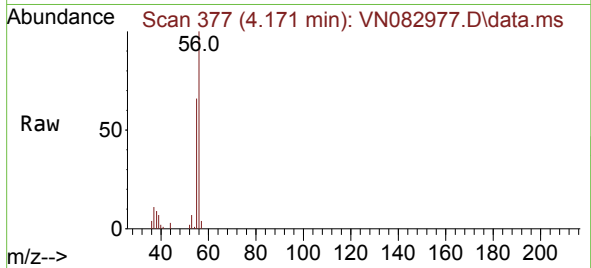




#13  
Acrolein  
Concen: 239.339 ug/l  
RT: 4.171 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

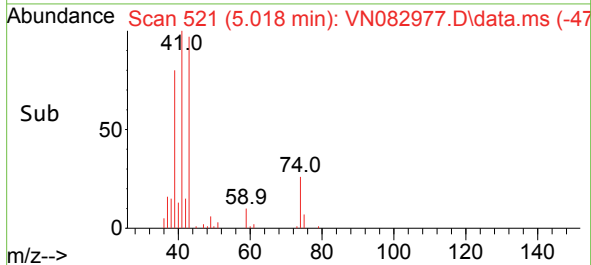
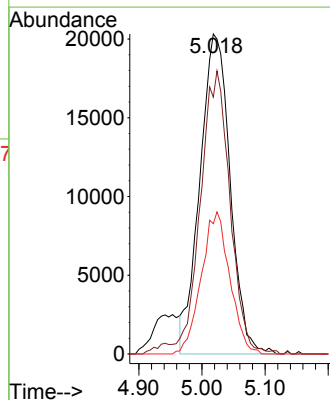
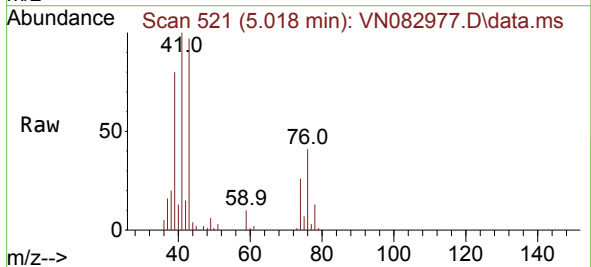
Instrument :  
MSVOA\_N  
ClientSampleId :

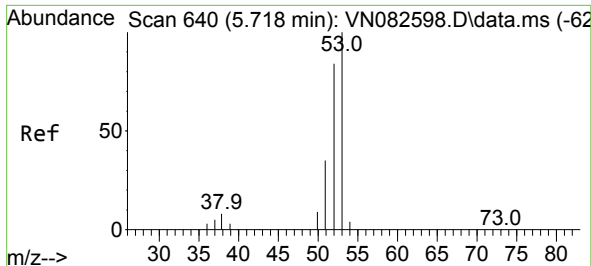
Tgt Ion: 56 Resp: 36402  
Ion Ratio Lower Upper  
56 100  
55 70.9 56.4 84.6



#14  
Allyl chloride  
Concen: 47.645 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. -0.000 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

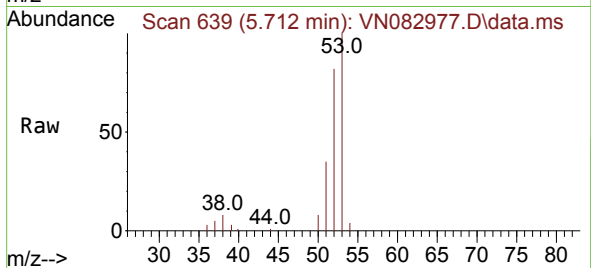
Tgt Ion: 41 Resp: 67759  
Ion Ratio Lower Upper  
41 100  
39 85.9 67.8 101.6  
76 41.8 25.8 38.8#



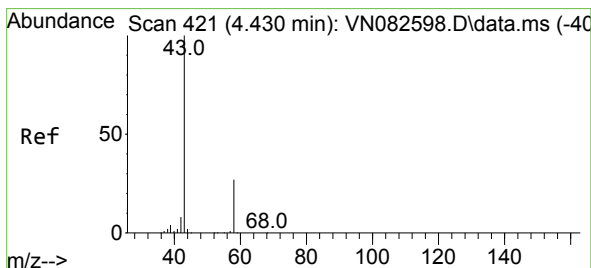
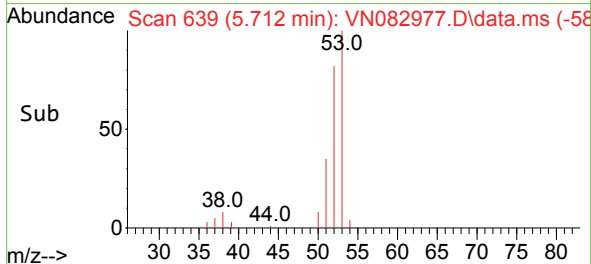
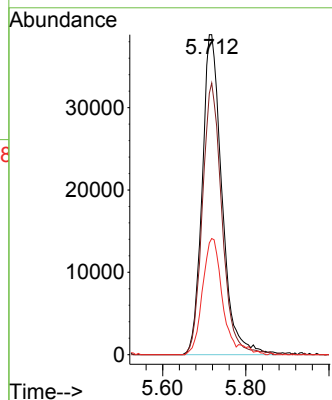


#15  
Acrylonitrile  
Concen: 266.134 ug/l  
RT: 5.712 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

Instrument :  
MSVOA\_N  
ClientSampleId :

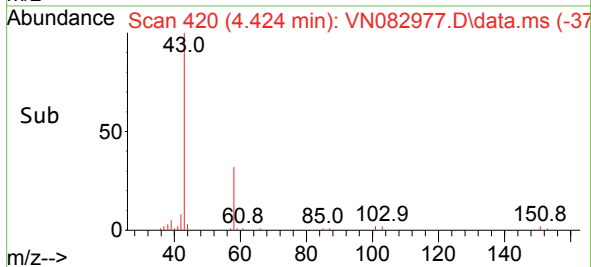
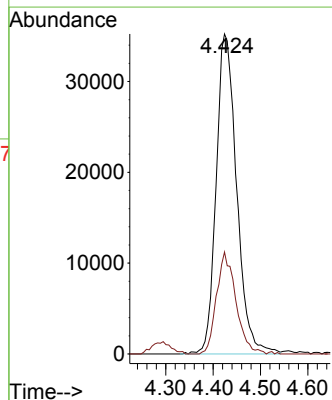
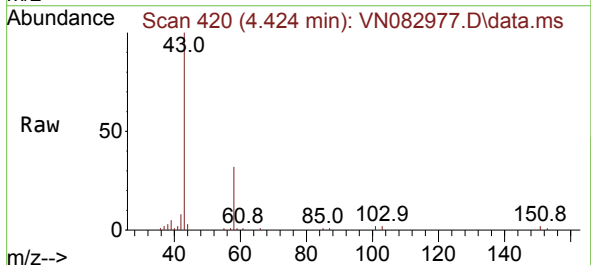


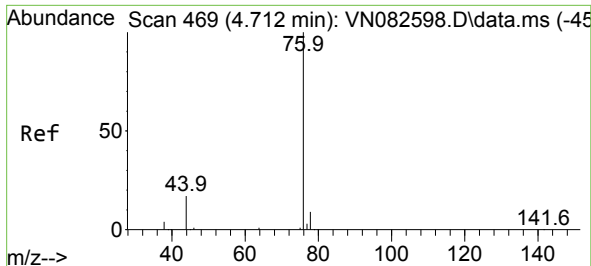
Tgt Ion: 53 Resp: 128846  
Ion Ratio Lower Upper  
53 100  
52 83.4 66.6 100.0  
51 37.2 30.1 45.1



#16  
Acetone  
Concen: 239.703 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. -0.006 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

Tgt Ion: 43 Resp: 105703  
Ion Ratio Lower Upper  
43 100  
58 31.9 21.8 32.6

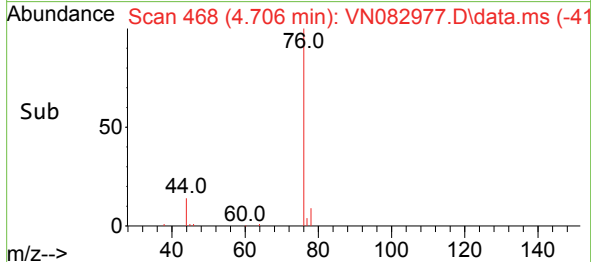
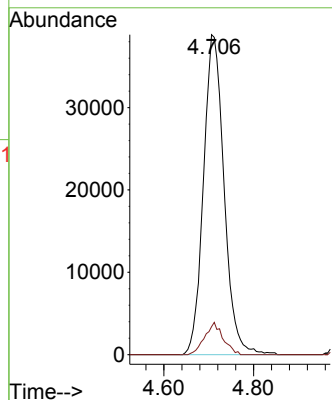
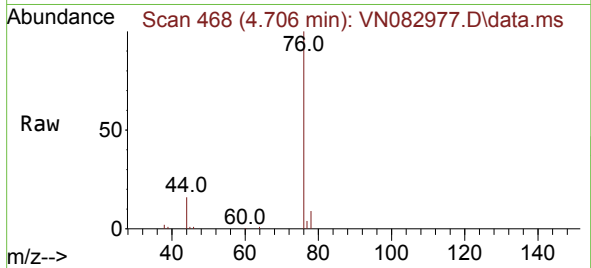




#17  
Carbon Disulfide  
Concen: 45.452 ug/l  
RT: 4.706 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

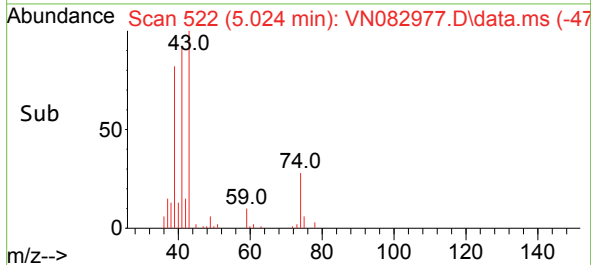
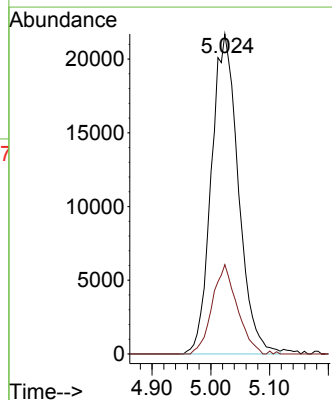
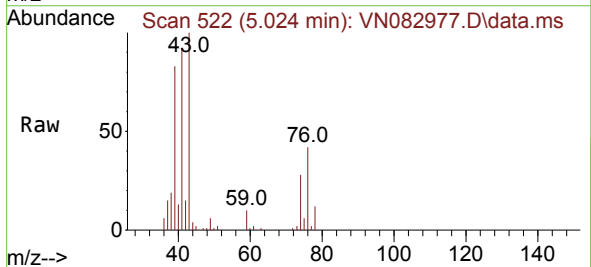
Instrument :  
MSVOA\_N  
ClientSampleId :

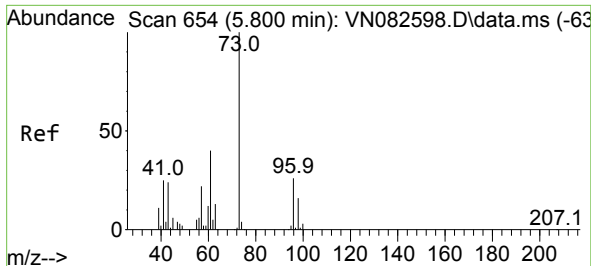
Tgt Ion: 76 Resp: 123881  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.2 10.8



#18  
Methyl Acetate  
Concen: 59.387 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. -0.006 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

Tgt Ion: 43 Resp: 69296  
Ion Ratio Lower Upper  
43 100  
74 25.8 16.3 24.5#

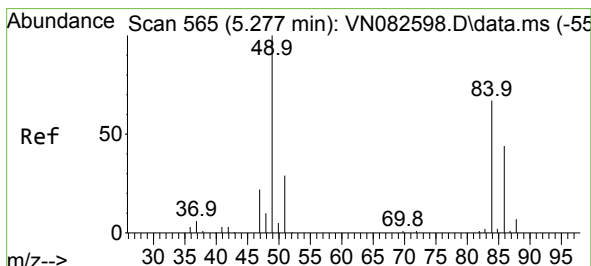
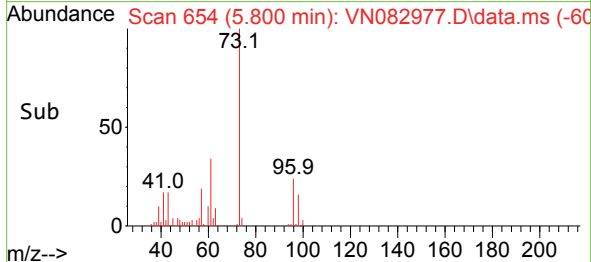
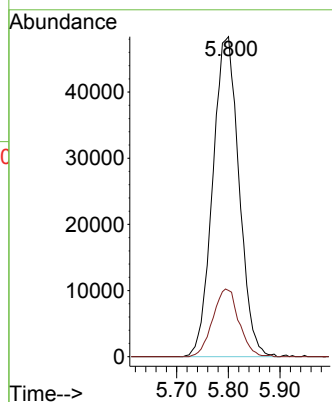
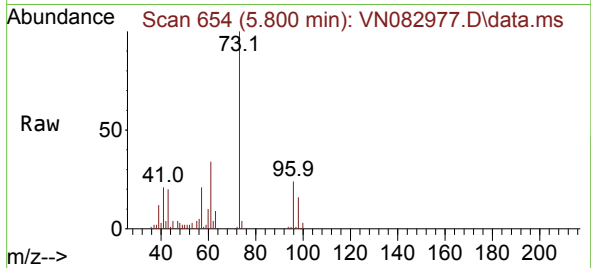




#19  
Methyl tert-butyl Ether  
Concen: 54.370 ug/l  
RT: 5.800 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

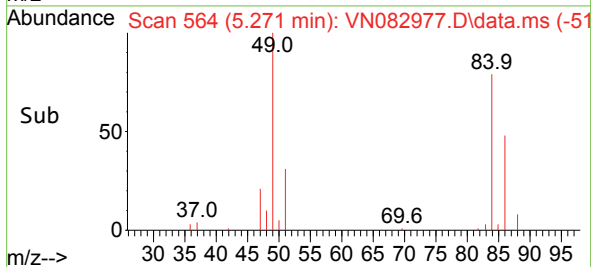
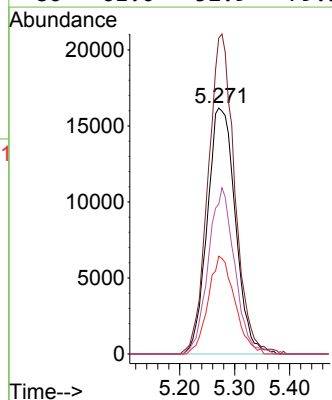
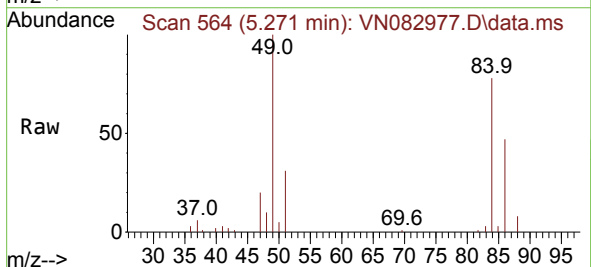
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 73 Resp: 171067  
Ion Ratio Lower Upper  
73 100  
57 20.7 17.9 26.9



#20  
Methylene Chloride  
Concen: 53.900 ug/l  
RT: 5.271 min Scan# 564  
Delta R.T. -0.006 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

Tgt Ion: 84 Resp: 57401  
Ion Ratio Lower Upper  
84 100  
49 128.5 119.6 179.4  
51 39.8 34.8 52.2  
86 61.0 52.9 79.3

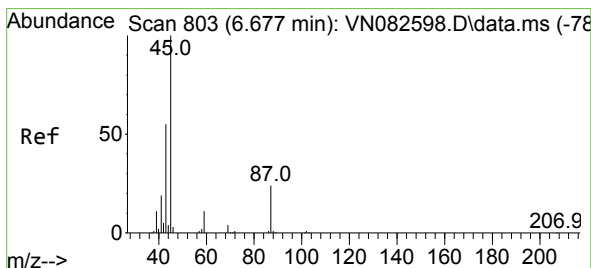
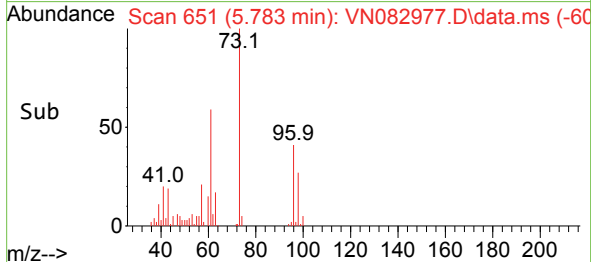
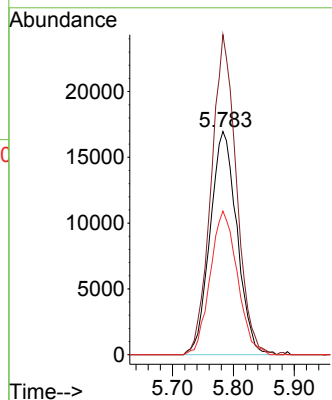
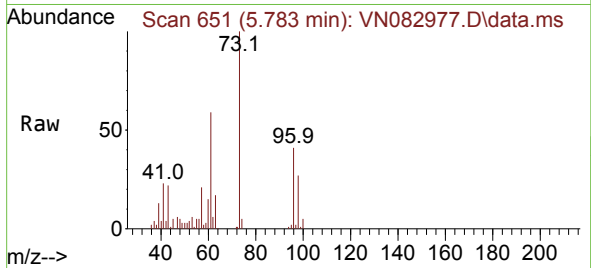




#21  
trans-1,2-Dichloroethene  
Concen: 52.536 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. -0.005 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

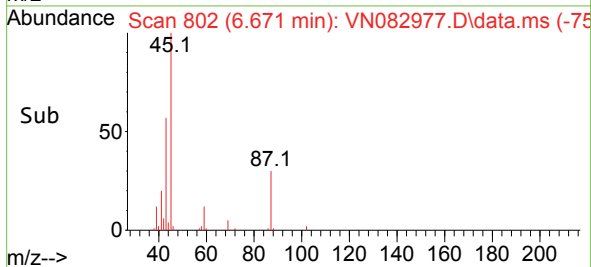
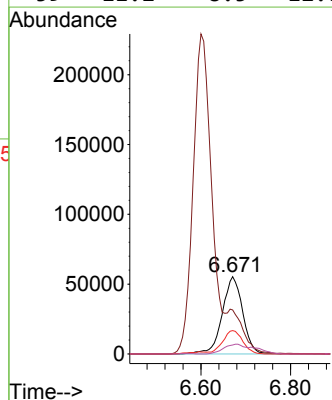
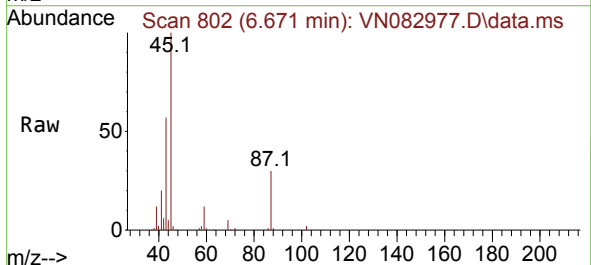
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 96 Resp: 51922  
Ion Ratio Lower Upper  
96 100  
61 143.4 123.4 185.2  
98 64.3 49.3 73.9



#22  
Diisopropyl ether  
Concen: 58.828 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. -0.006 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

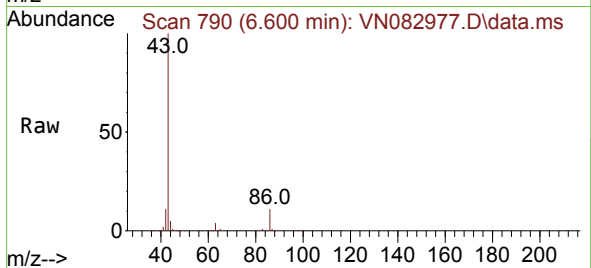
Tgt Ion: 45 Resp: 175032  
Ion Ratio Lower Upper  
45 100  
43 56.0 44.0 66.0  
87 30.2 19.7 29.5#  
59 11.2 8.5 12.7



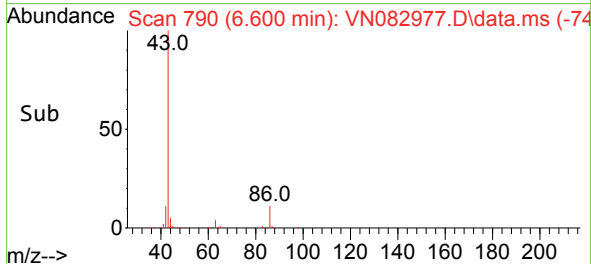
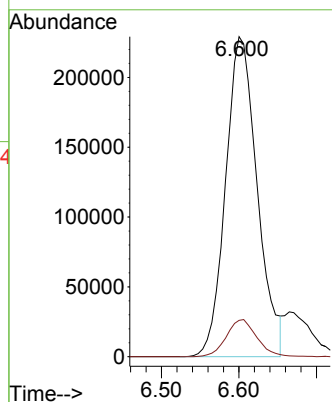


#23  
 Vinyl Acetate  
 Concen: 275.589 ug/l  
 RT: 6.600 min Scan# 791  
 Delta R.T. -0.006 min  
 Lab File: VN082977.D  
 Acq: 18 Jul 2024 16:45

Instrument :  
 MSVOA\_N  
 ClientSampleId :

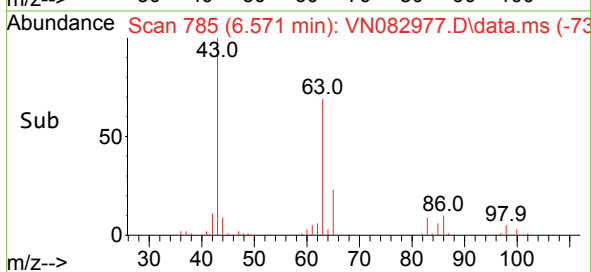
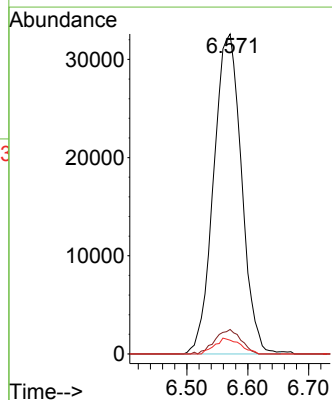
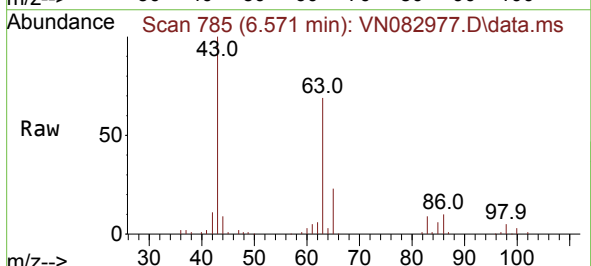


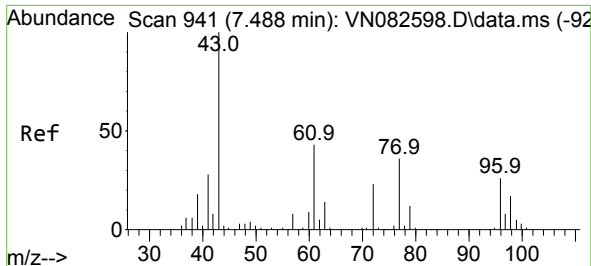
Tgt Ion: 43 Resp: 651160  
 Ion Ratio Lower Upper  
 43 100  
 86 11.3 7.3 10.9#



#24  
 1,1-Dichloroethane  
 Concen: 57.344 ug/l  
 RT: 6.571 min Scan# 785  
 Delta R.T. -0.000 min  
 Lab File: VN082977.D  
 Acq: 18 Jul 2024 16:45

Tgt Ion: 63 Resp: 103491  
 Ion Ratio Lower Upper  
 63 100  
 98 7.6 3.3 9.9  
 100 4.3 2.0 6.0

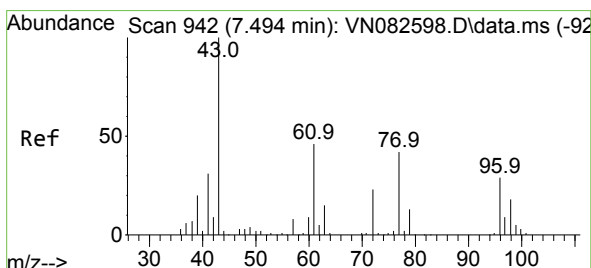
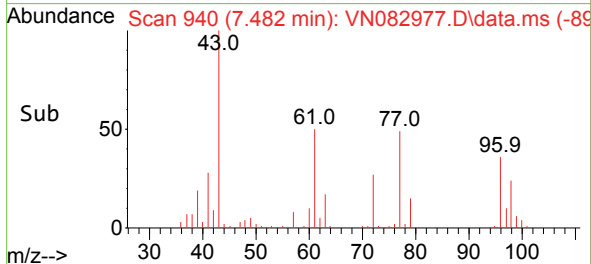
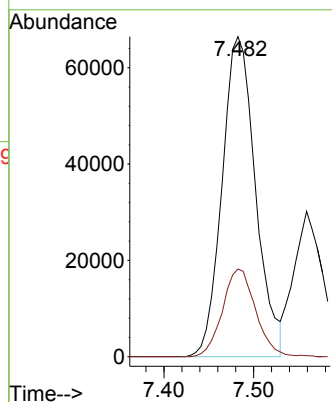
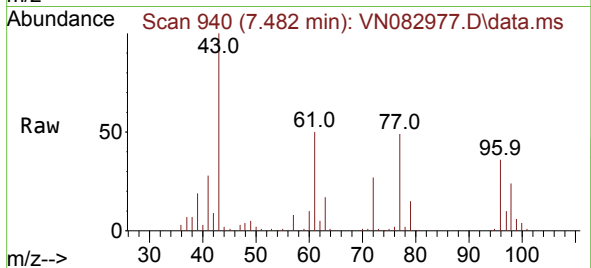




#25  
2-Butanone  
Concen: 258.557 ug/l  
RT: 7.482 min Scan# 941  
Delta R.T. -0.006 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

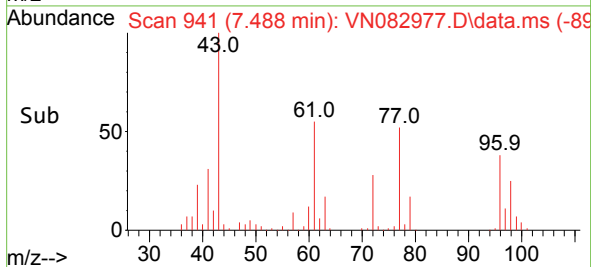
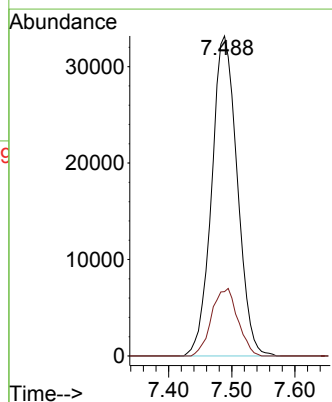
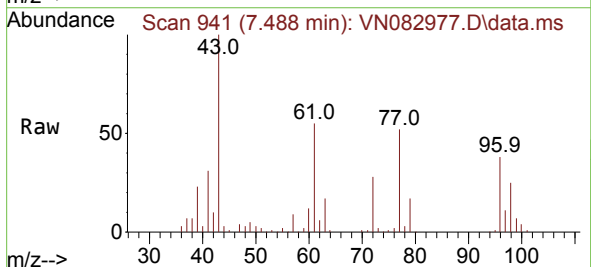
Instrument :  
MSVOA\_N  
ClientSampleId :

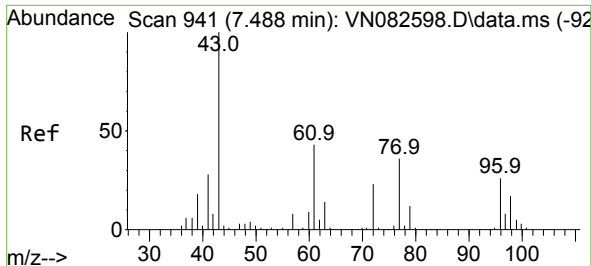
Tgt Ion: 43 Resp: 172160  
Ion Ratio Lower Upper  
43 100  
72 27.4 18.2 27.2#



#26  
2,2-Dichloropropane  
Concen: 55.637 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. -0.006 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

Tgt Ion: 77 Resp: 93359  
Ion Ratio Lower Upper  
77 100  
97 21.7 10.3 30.9

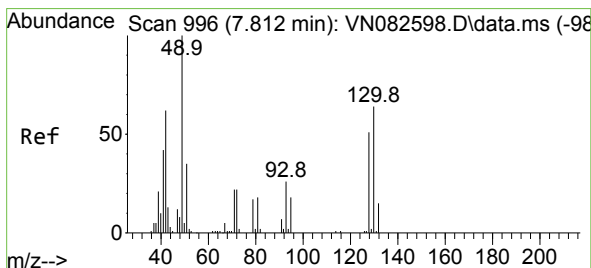
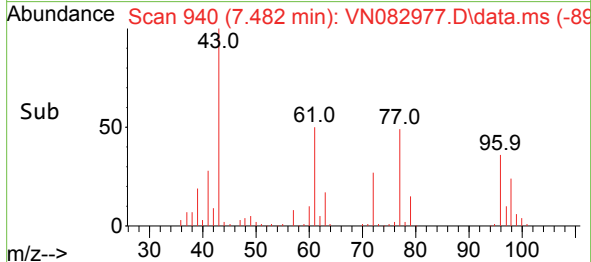
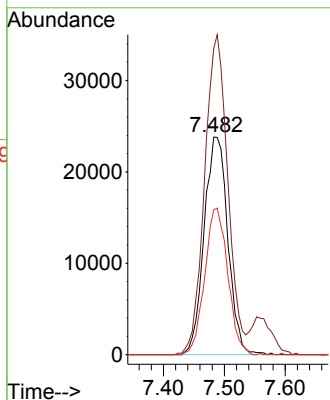
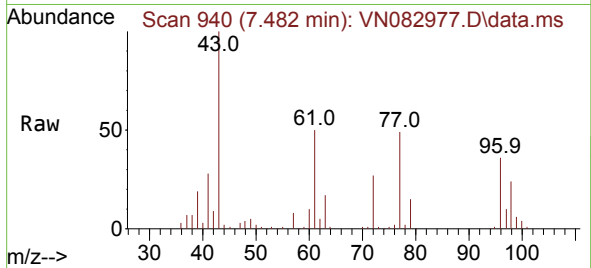




#27  
 cis-1,2-Dichloroethene  
 Concen: 55.765 ug/l  
 RT: 7.482 min Scan# 941  
 Delta R.T. -0.006 min  
 Lab File: VN082977.D  
 Acq: 18 Jul 2024 16:45

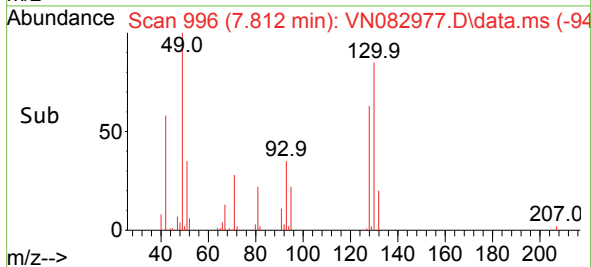
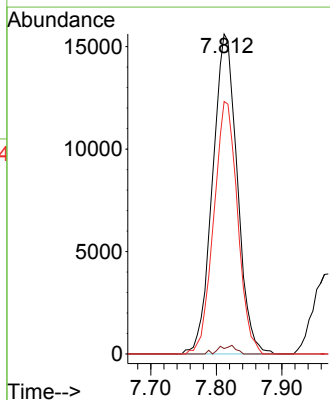
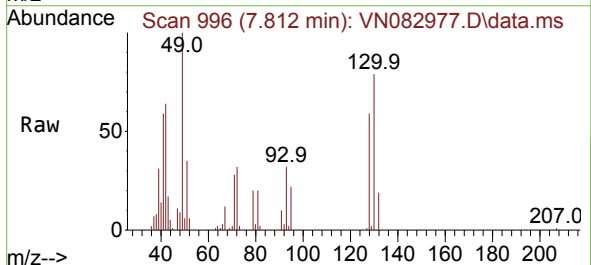
Instrument :  
 MSVOA\_N  
 ClientSampleId :

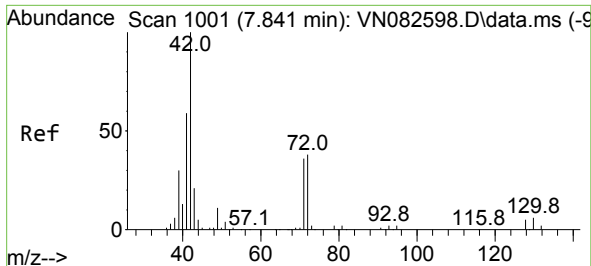
Tgt Ion: 96 Resp: 64523  
 Ion Ratio Lower Upper  
 96 100  
 61 143.6 0.0 329.6  
 98 65.3 0.0 128.6



#28  
 Bromochloromethane  
 Concen: 52.677 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. -0.000 min  
 Lab File: VN082977.D  
 Acq: 18 Jul 2024 16:45

Tgt Ion: 49 Resp: 40784  
 Ion Ratio Lower Upper  
 49 100  
 129 1.8 0.0 3.8  
 130 76.1 50.5 75.7#

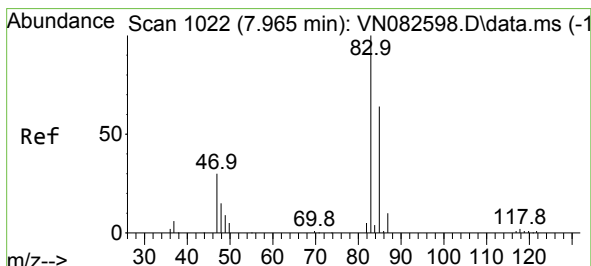
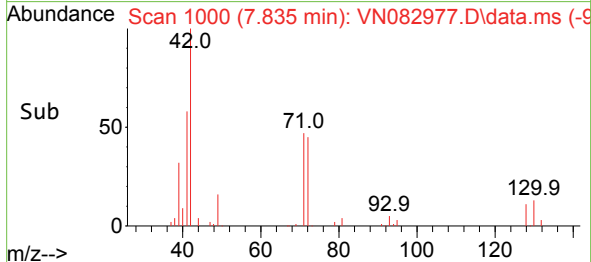
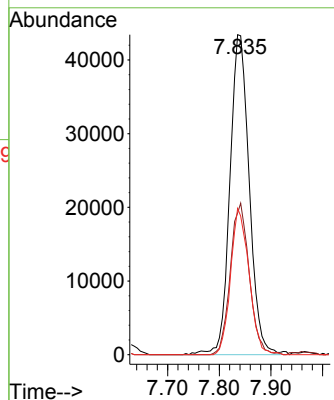
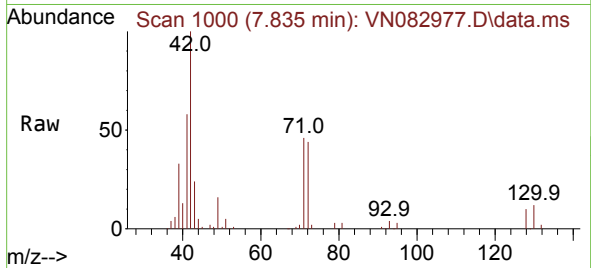




#29  
Tetrahydrofuran  
Concen: 269.137 ug/l  
RT: 7.835 min Scan# 1000  
Delta R.T. -0.006 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

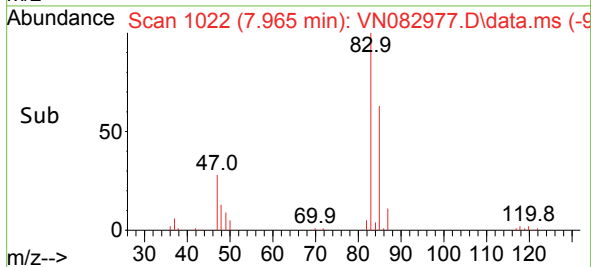
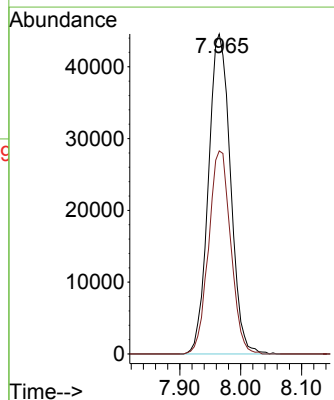
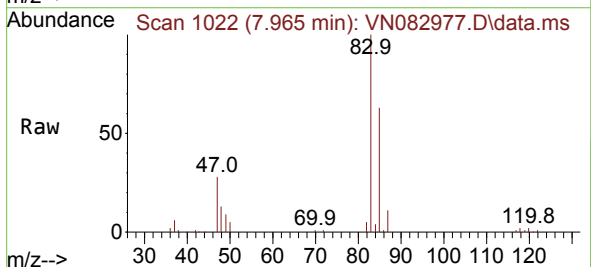
Instrument :  
MSVOA\_N  
ClientSampleId :

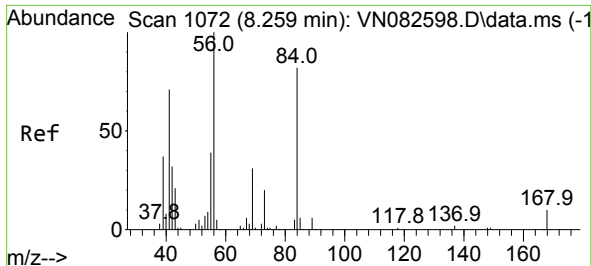
Tgt Ion: 42 Resp: 112819  
Ion Ratio Lower Upper  
42 100  
72 46.4 30.0 45.0#  
71 43.7 28.3 42.5#



#30  
Chloroform  
Concen: 58.504 ug/l  
RT: 7.965 min Scan# 1022  
Delta R.T. -0.000 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

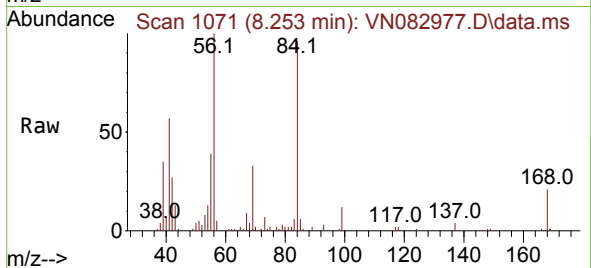
Tgt Ion: 83 Resp: 112013  
Ion Ratio Lower Upper  
83 100  
85 63.5 50.9 76.3



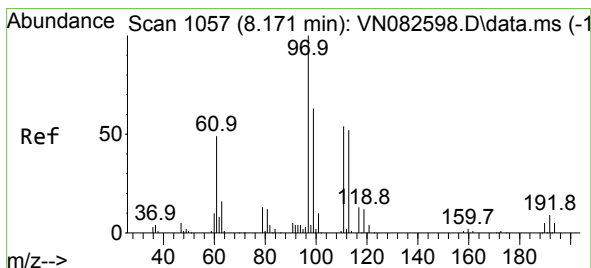
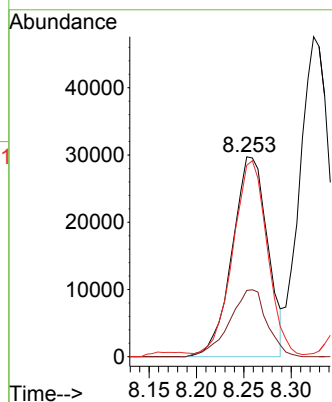
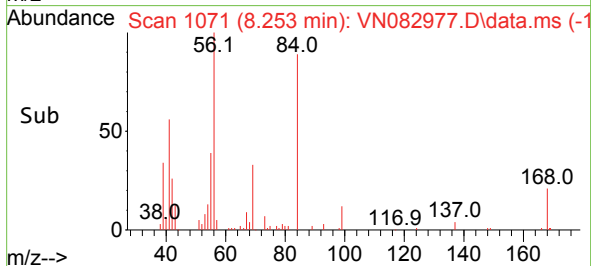


#31  
Cyclohexane  
Concen: 47.122 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. -0.006 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

Instrument :  
MSVOA\_N  
ClientSampleId :

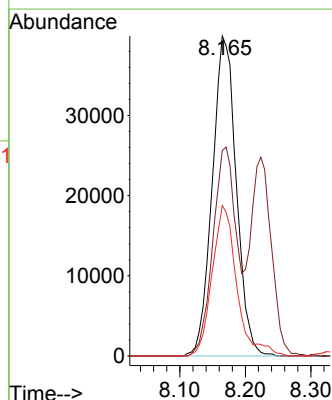
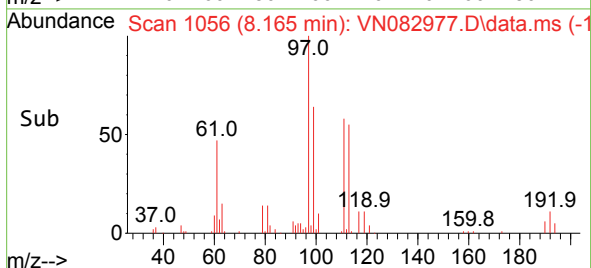
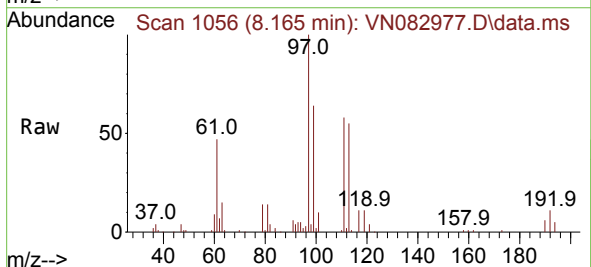


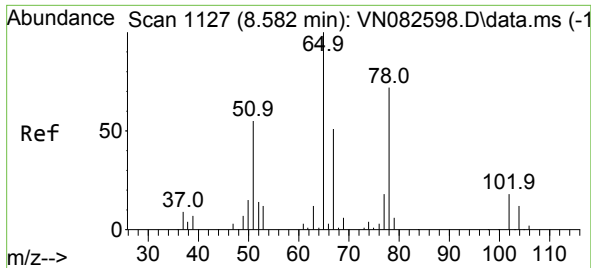
Tgt Ion: 56 Resp: 77162  
Ion Ratio Lower Upper  
56 100  
69 33.1 24.5 36.7  
84 93.5 66.0 99.0



#32  
1,1,1-Trichloroethane  
Concen: 57.048 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.006 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

Tgt Ion: 97 Resp: 101410  
Ion Ratio Lower Upper  
97 100  
99 62.8 52.0 78.0  
61 48.1 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 53.632 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN082977.D

Acq: 18 Jul 2024 16:45

Instrument :

MSVOA\_N

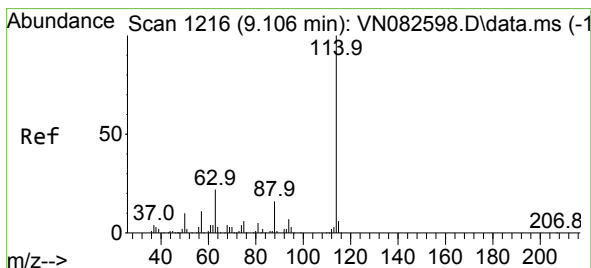
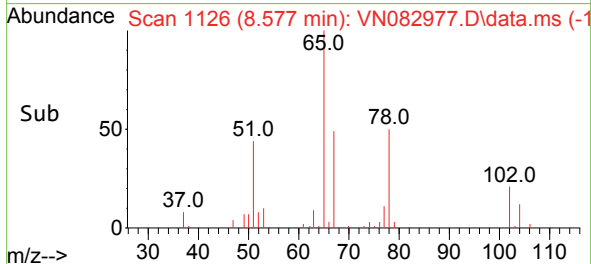
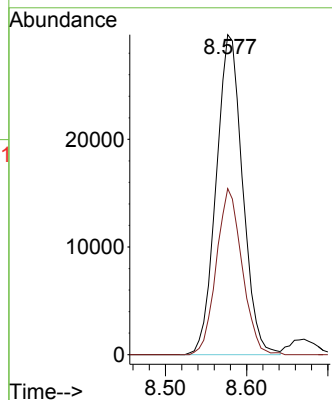
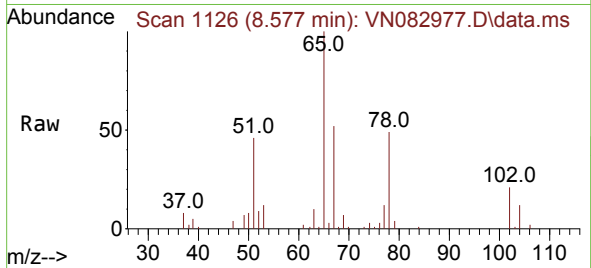
ClientSampleId :

Tgt Ion: 65 Resp: 67175

Ion Ratio Lower Upper

65 100

67 50.6 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN082977.D

Acq: 18 Jul 2024 16:45

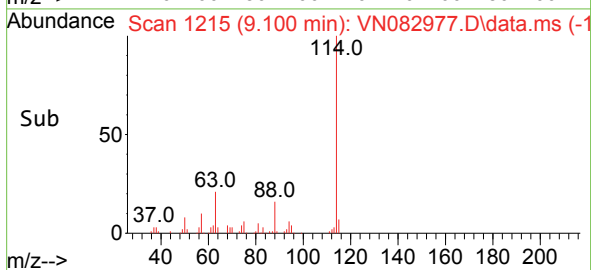
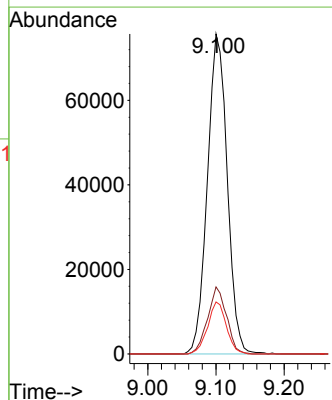
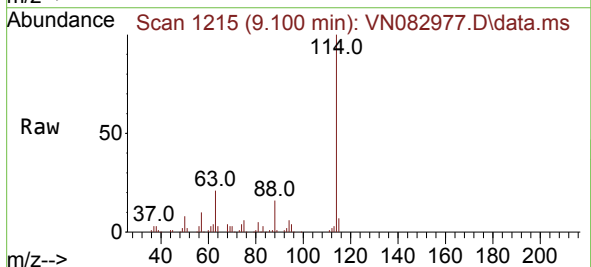
Tgt Ion: 114 Resp: 153629

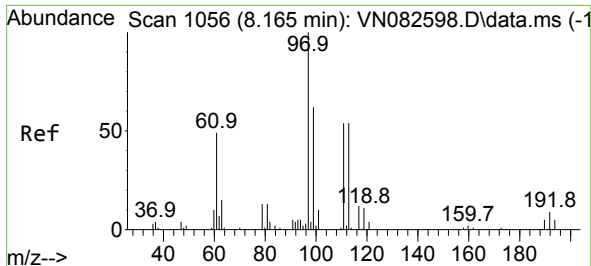
Ion Ratio Lower Upper

114 100

63 20.9 0.0 44.6

88 16.2 0.0 31.4

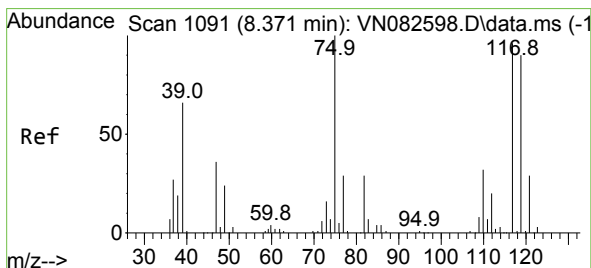
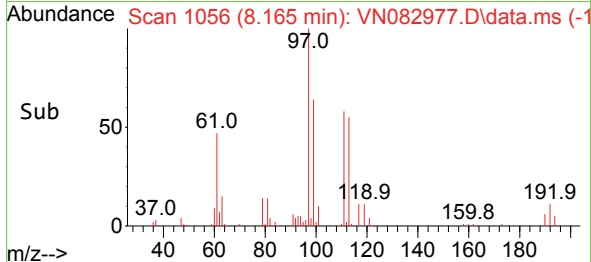
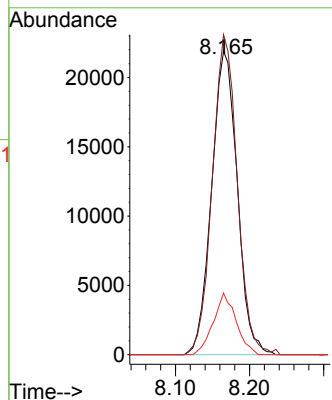
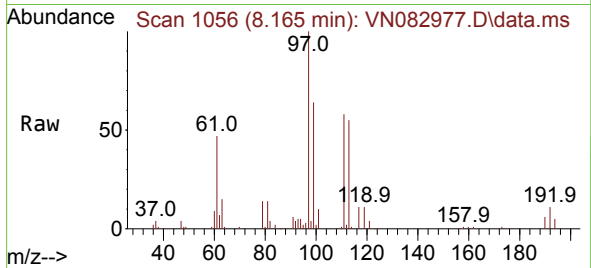




#35  
Dibromofluoromethane  
Concen: 53.440 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

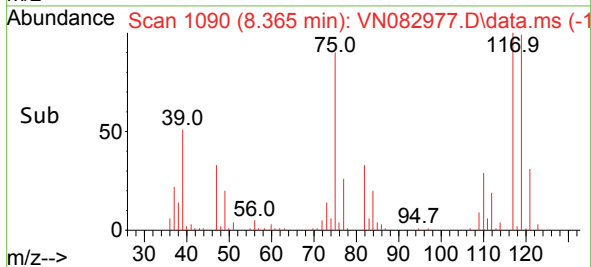
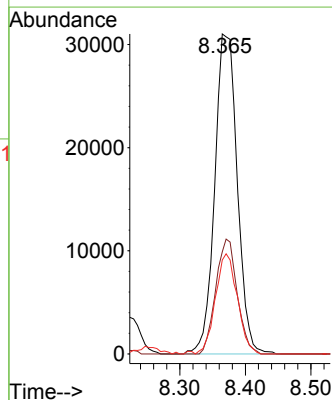
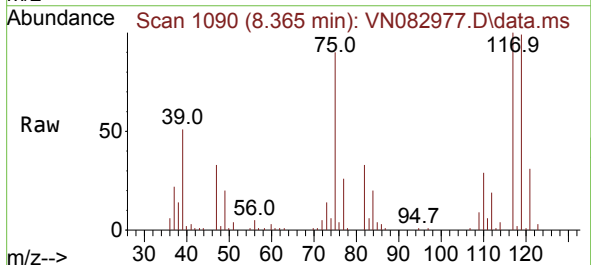
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:113 Resp: 52681  
Ion Ratio Lower Upper  
113 100  
111 102.6 82.4 123.6  
192 18.0 14.9 22.3



#36  
1,1-Dichloropropene  
Concen: 54.484 ug/l  
RT: 8.365 min Scan# 1090  
Delta R.T. -0.006 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

Tgt Ion: 75 Resp: 74053  
Ion Ratio Lower Upper  
75 100  
110 34.0 16.3 48.9  
77 30.4 24.6 37.0





#37

Ethyl Acetate

Concen: 50.026 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.006 min

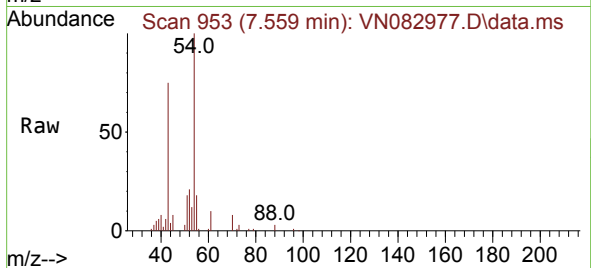
Lab File: VN082977.D

Acq: 18 Jul 2024 16:45

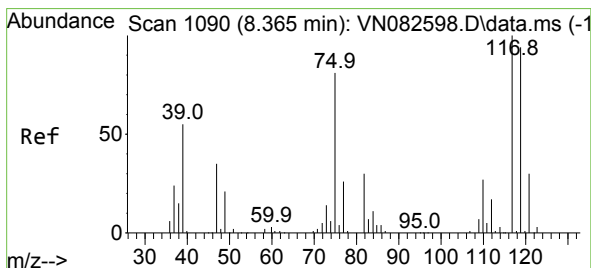
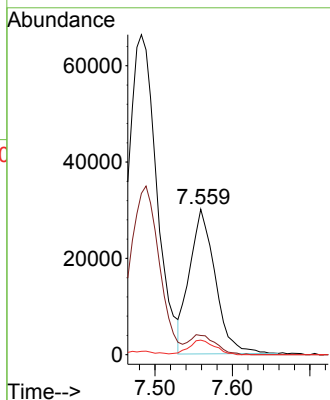
Instrument :

MSVOA\_N

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 69224 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 14.2  | 9.3   | 13.9# |
| 70       | 10.1  | 7.0   | 10.6  |



#38

Carbon Tetrachloride

Concen: 52.948 ug/l

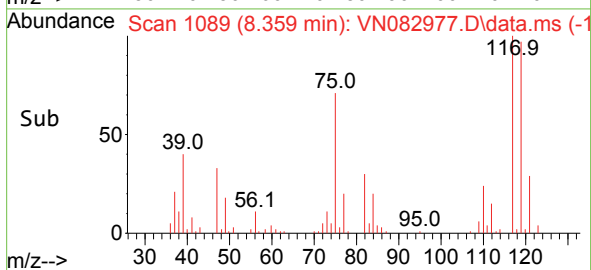
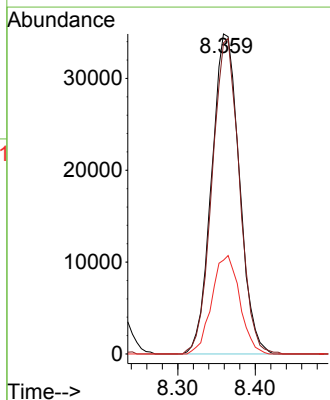
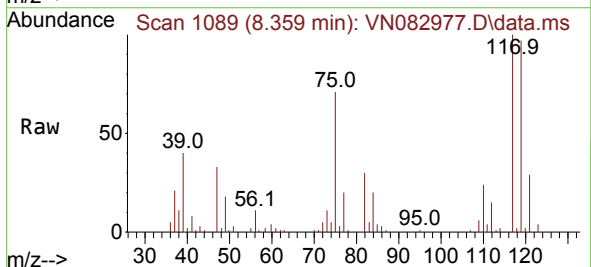
RT: 8.359 min Scan# 1089

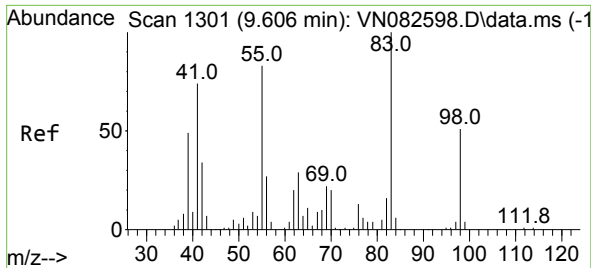
Delta R.T. -0.006 min

Lab File: VN082977.D

Acq: 18 Jul 2024 16:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 86647 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 97.2  | 74.9  | 112.3 |
| 121      | 29.3  | 24.3  | 36.5  |

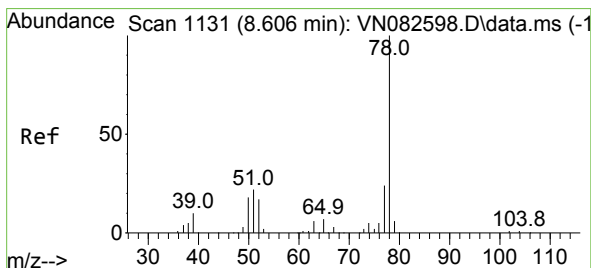
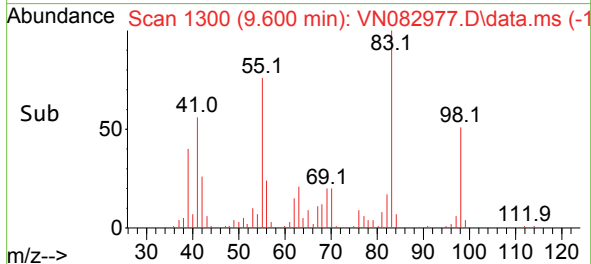
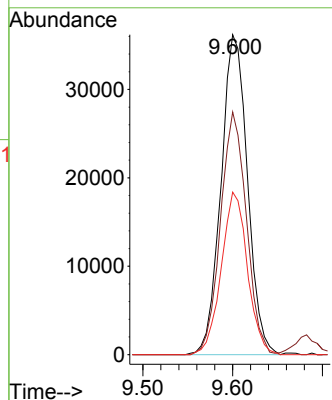
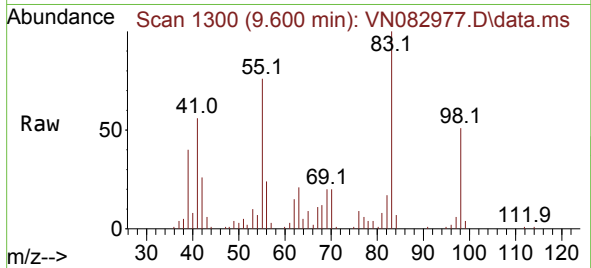




#39  
Methylcyclohexane  
Concen: 50.481 ug/l  
RT: 9.600 min Scan# 11300  
Delta R.T. -0.006 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

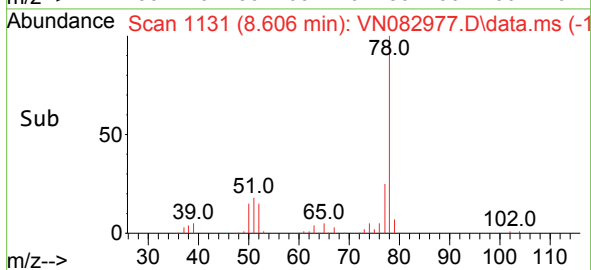
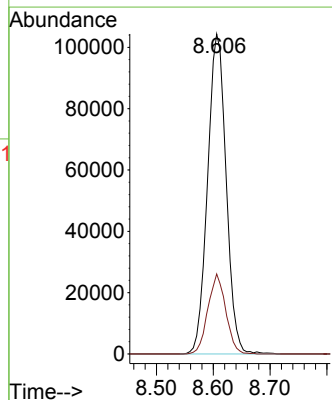
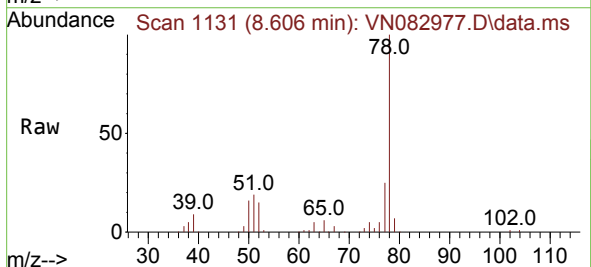
Instrument :  
MSVOA\_N  
ClientSampleId :

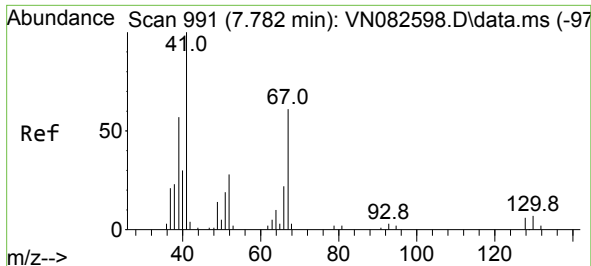
Tgt Ion: 83 Resp: 74113  
Ion Ratio Lower Upper  
83 100  
55 75.9 66.4 99.6  
98 50.8 40.7 61.1



#40  
Benzene  
Concen: 56.527 ug/l  
RT: 8.606 min Scan# 1131  
Delta R.T. -0.000 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

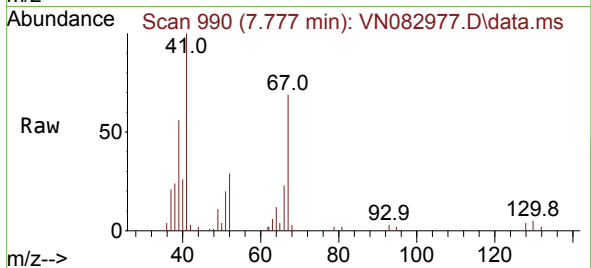
Tgt Ion: 78 Resp: 236328  
Ion Ratio Lower Upper  
78 100  
77 25.0 19.0 28.4



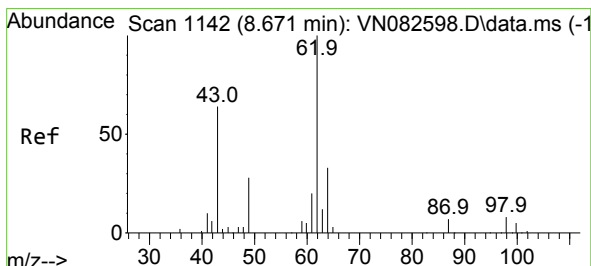
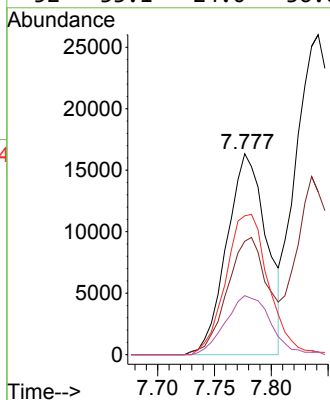
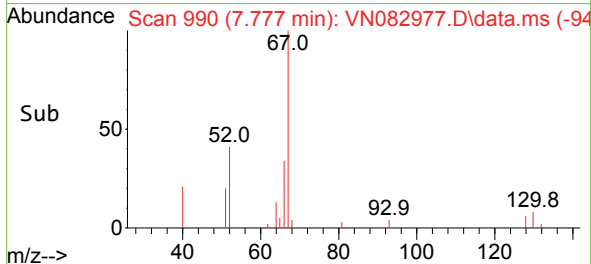


#41  
Methacrylonitrile  
Concen: 53.579 ug/l  
RT: 7.777 min Scan# 991  
Delta R.T. -0.005 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

Instrument :  
MSVOA\_N  
ClientSampleId :

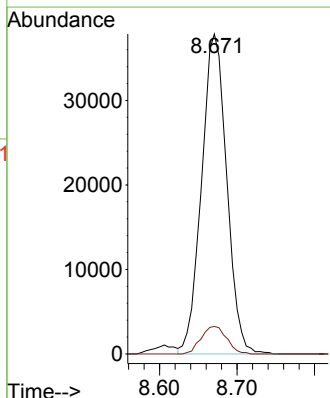
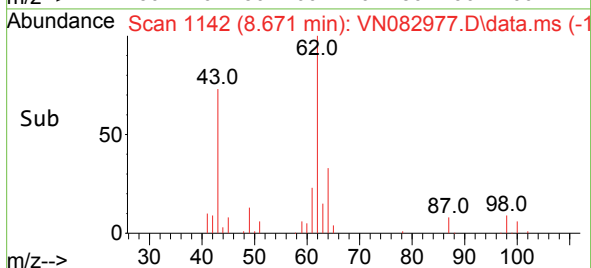
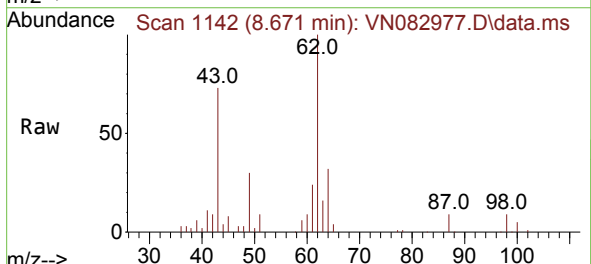


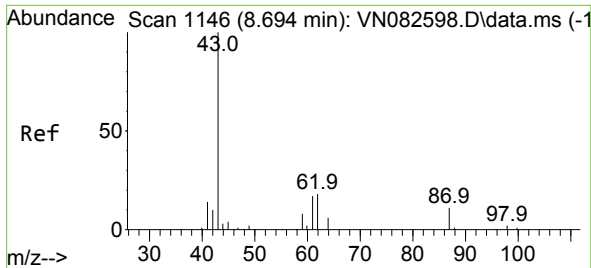
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 39942 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 59.6  | 45.5  | 68.3  |
| 67        | 74.8  | 50.5  | 75.7  |
| 52        | 33.1  | 24.0  | 36.0  |



#42  
1,2-Dichloroethane  
Concen: 56.769 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 62    | Resp: | 85443 |
| Ion Ratio | Lower | Upper |       |
| 62        | 100   |       |       |
| 98        | 8.7   | 0.0   | 15.8  |

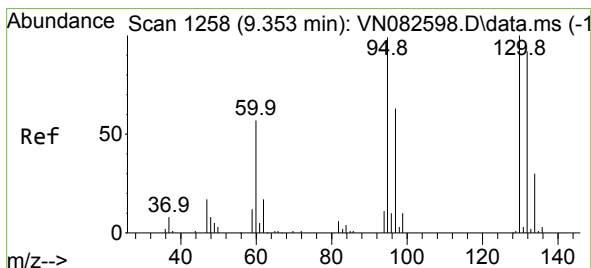
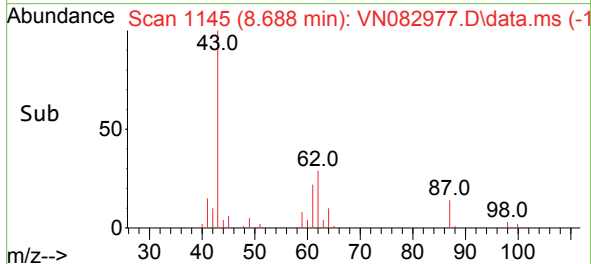
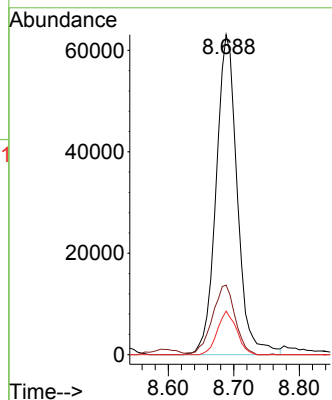
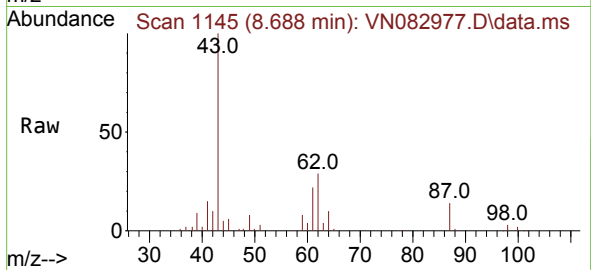




#43  
Isopropyl Acetate  
Concen: 54.331 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. -0.006 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

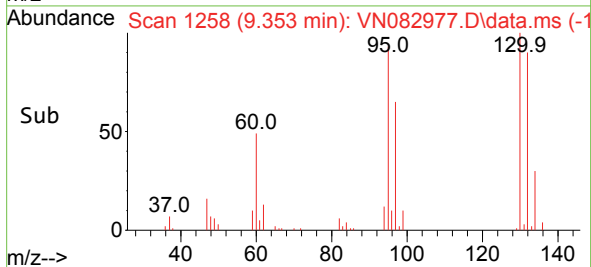
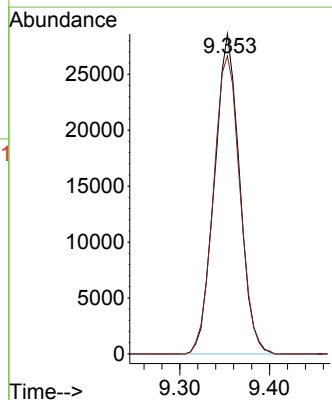
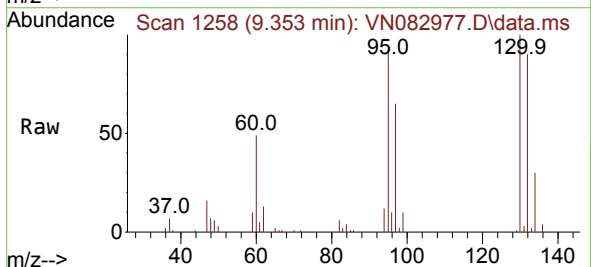
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 43 Resp: 141087  
Ion Ratio Lower Upper  
43 100  
61 23.4 17.8 26.6  
87 12.3 8.2 12.2#



#44  
Trichloroethene  
Concen: 51.766 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. -0.000 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

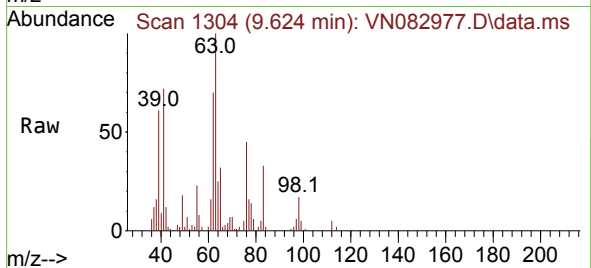
Tgt Ion:130 Resp: 55447  
Ion Ratio Lower Upper  
130 100  
95 93.1 0.0 197.8



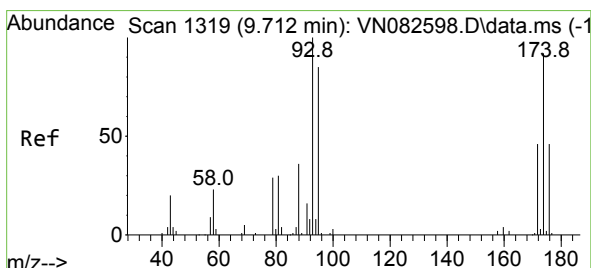
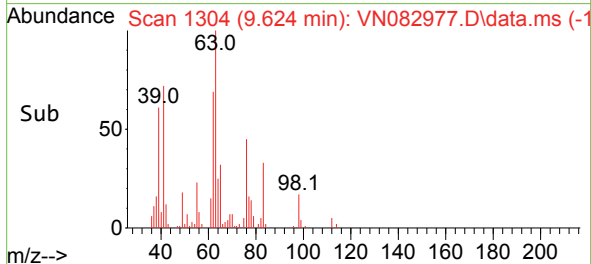
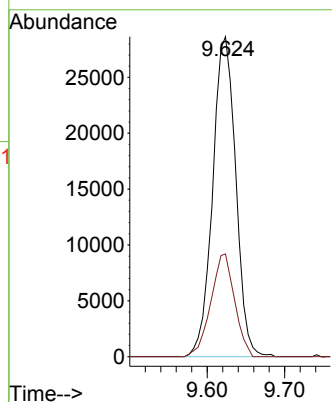


#45  
1,2-Dichloropropane  
Concen: 60.727 ug/l  
RT: 9.624 min Scan# 1304  
Delta R.T. 0.001 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

Instrument :  
MSVOA\_N  
ClientSampleId :

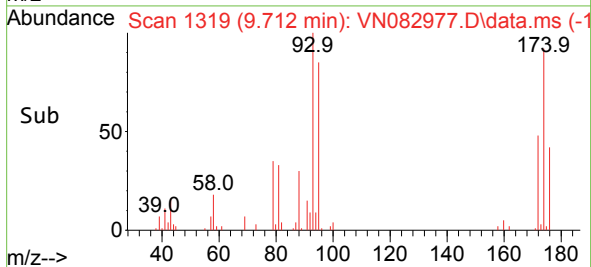
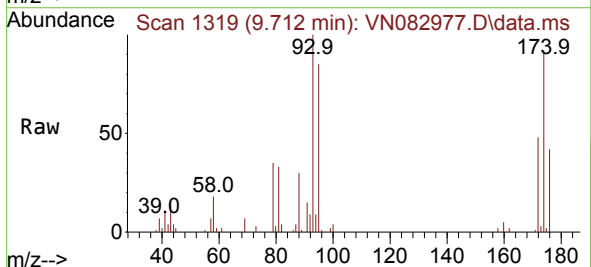
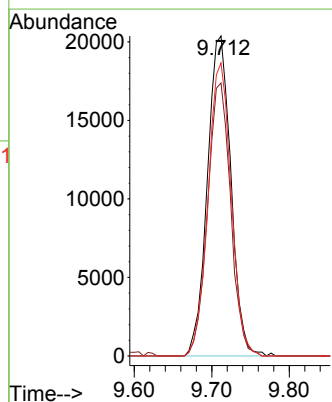


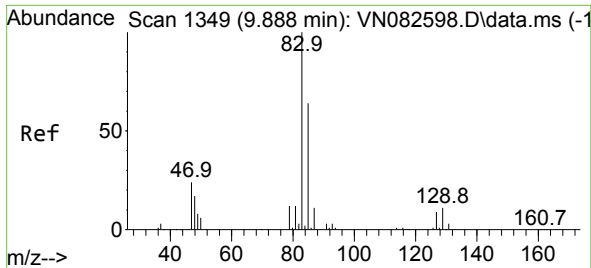
Tgt Ion: 63 Resp: 59273  
Ion Ratio Lower Upper  
63 100  
65 32.1 24.4 36.6



#46  
Dibromomethane  
Concen: 56.496 ug/l  
RT: 9.712 min Scan# 1319  
Delta R.T. -0.000 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

Tgt Ion: 93 Resp: 42960  
Ion Ratio Lower Upper  
93 100  
95 83.5 65.8 98.6  
174 89.7 71.7 107.5

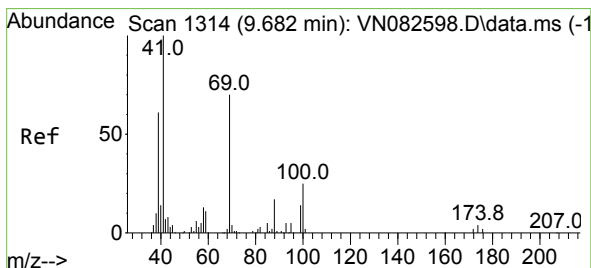
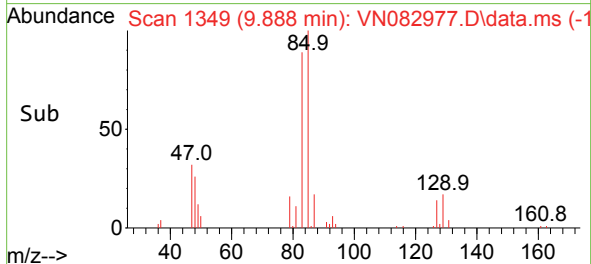
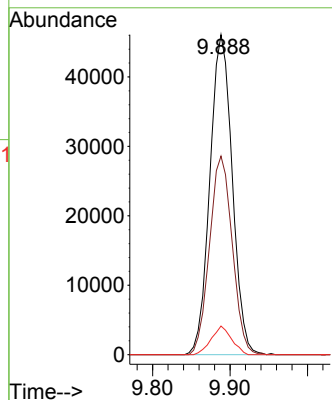
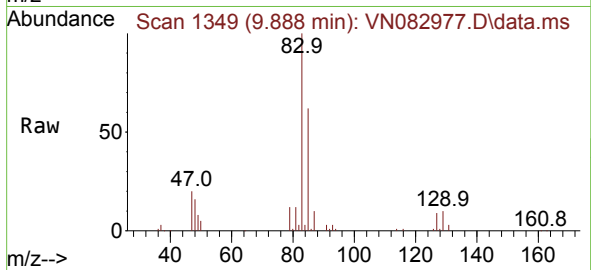




#47  
Bromodichloromethane  
Concen: 58.768 ug/l  
RT: 9.888 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

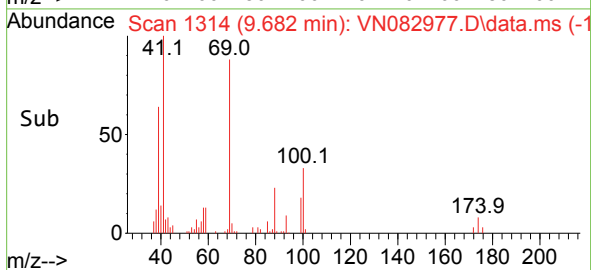
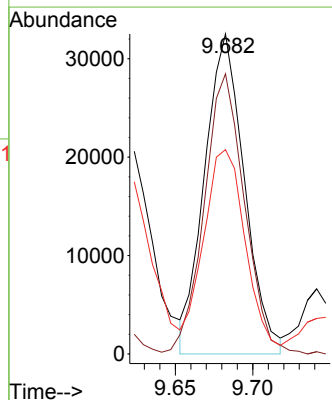
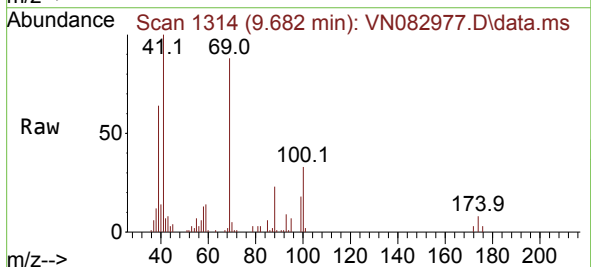
Instrument :  
MSVOA\_N  
ClientSampleId :

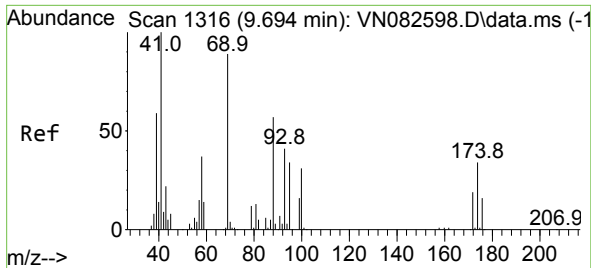
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 92334 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 62.1  | 51.1  | 76.7  |
| 127      | 8.9   | 7.2   | 10.8  |



#48  
Methyl methacrylate  
Concen: 53.587 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. 0.000 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

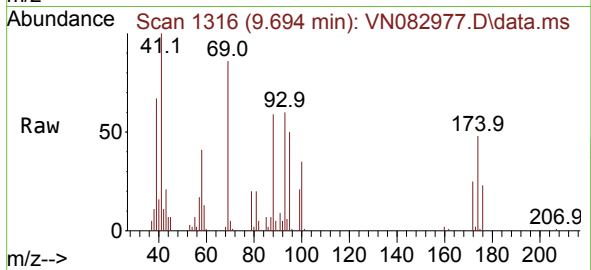
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 58142 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 88.5  | 56.3  | 84.5# |
| 39       | 67.5  | 50.3  | 75.5  |



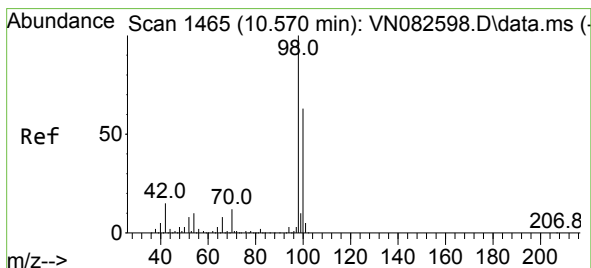
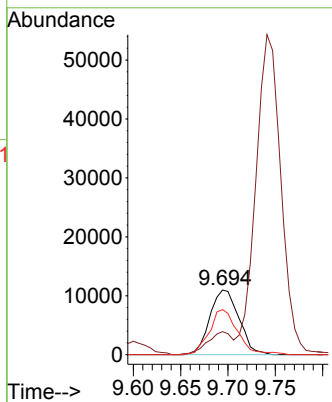
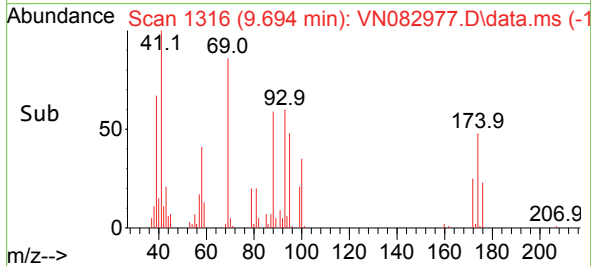


#49  
1,4-Dioxane  
Concen: 993.769 ug/l  
RT: 9.694 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

Instrument :  
MSVOA\_N  
ClientSampleId :

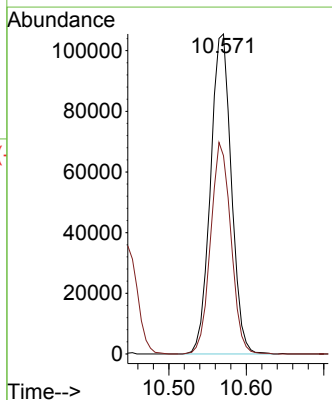
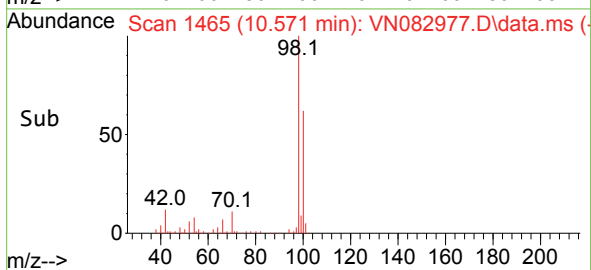
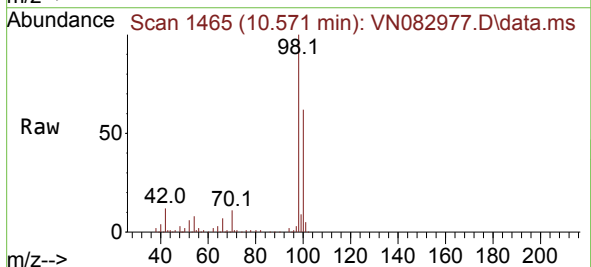


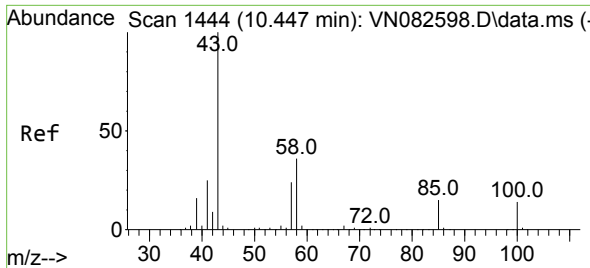
Tgt Ion: 88 Resp: 23458  
Ion Ratio Lower Upper  
88 100  
43 30.1 27.8 41.8  
58 68.0 59.4 89.0



#50  
Toluene-d8  
Concen: 54.087 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.001 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

Tgt Ion: 98 Resp: 196933  
Ion Ratio Lower Upper  
98 100  
100 64.4 51.5 77.3

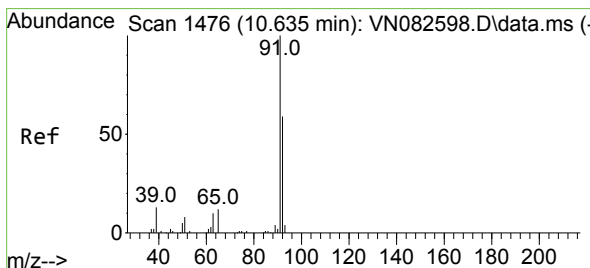
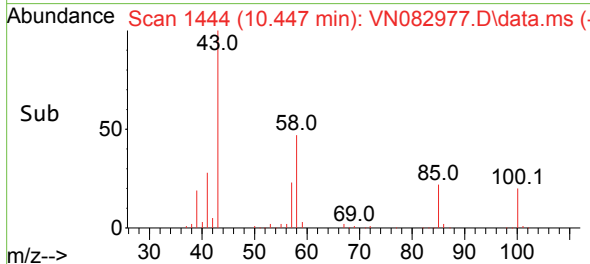
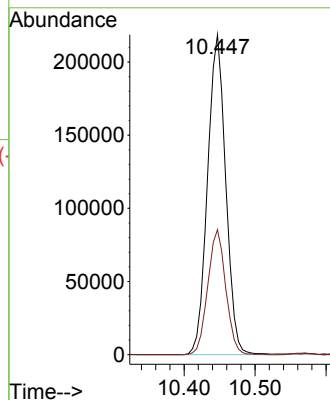
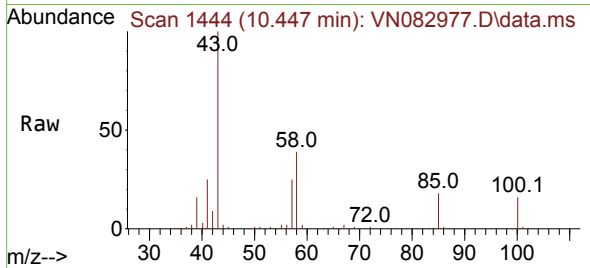




#51  
4-Methyl-2-Pentanone  
Concen: 283.807 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

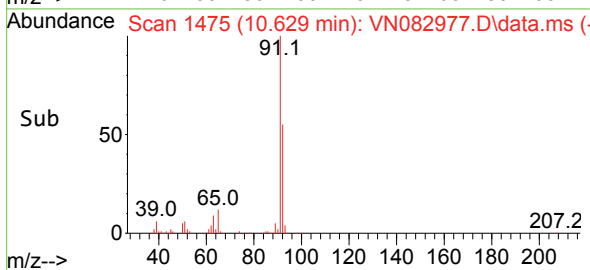
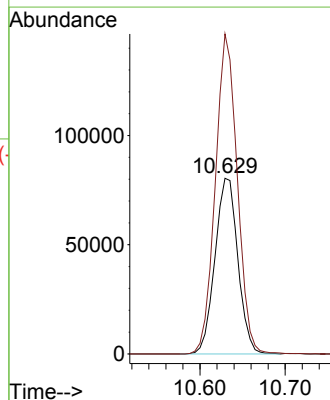
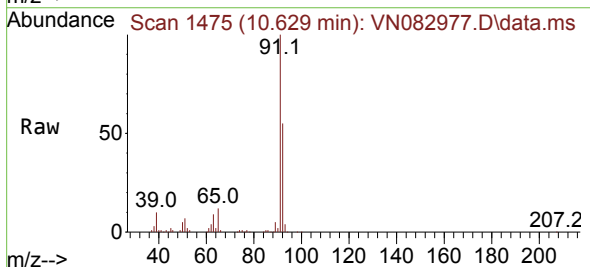
Instrument :  
MSVOA\_N  
ClientSampleId :

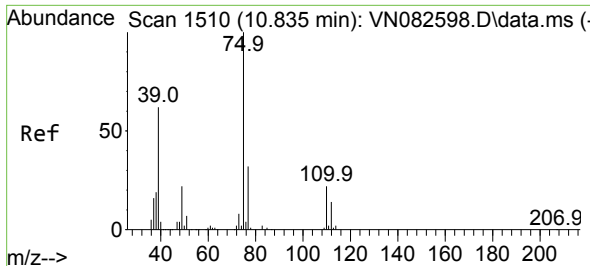
Tgt Ion: 43 Resp: 389332  
Ion Ratio Lower Upper  
43 100  
58 38.7 28.2 42.4



#52  
Toluene  
Concen: 57.595 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.006 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

Tgt Ion: 92 Resp: 150418  
Ion Ratio Lower Upper  
92 100  
91 174.7 139.4 209.0

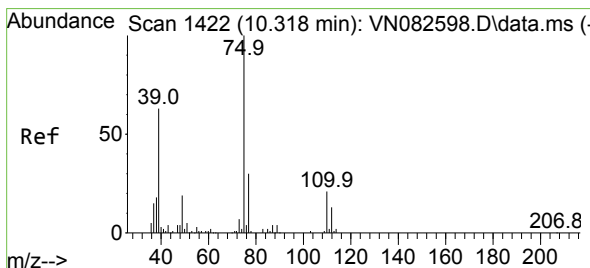
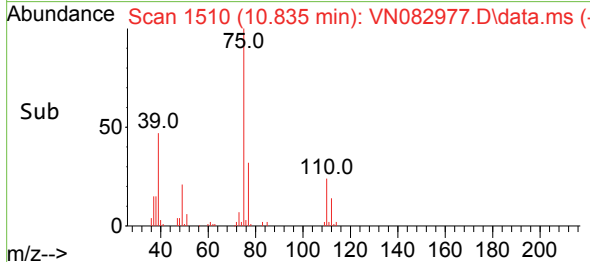
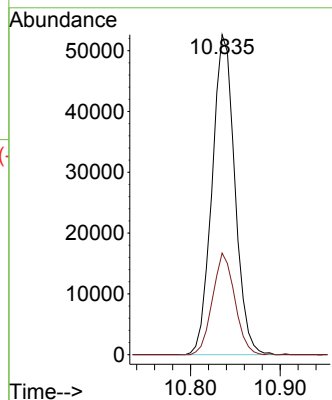
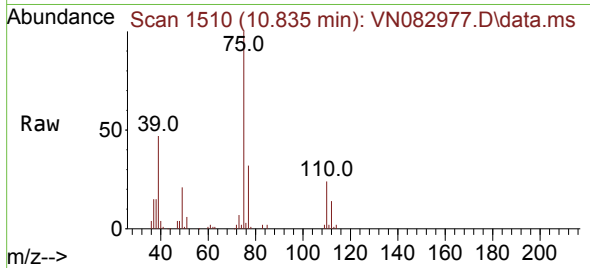




#53  
 t-1,3-Dichloropropene  
 Concen: 57.149 ug/l  
 RT: 10.835 min Scan# 1510  
 Delta R.T. 0.000 min  
 Lab File: VN082977.D  
 Acq: 18 Jul 2024 16:45

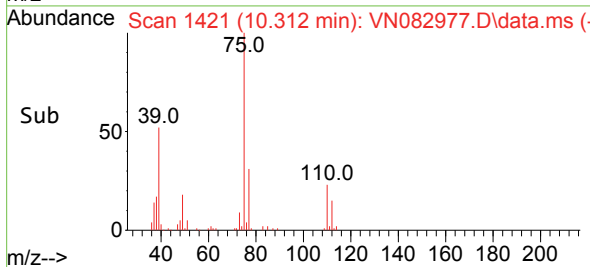
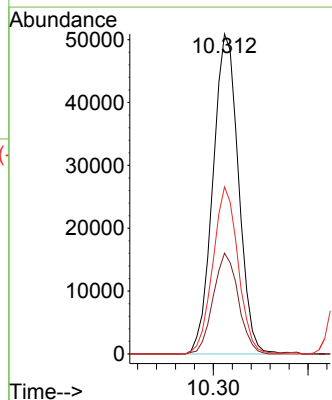
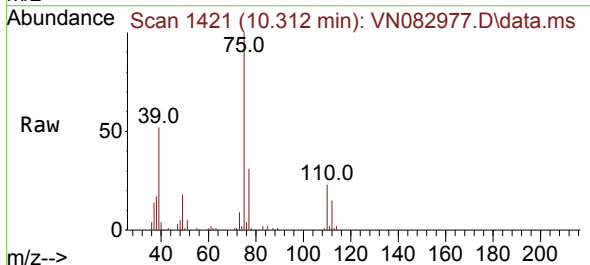
Instrument :  
 MSVOA\_N  
 ClientSampleId :

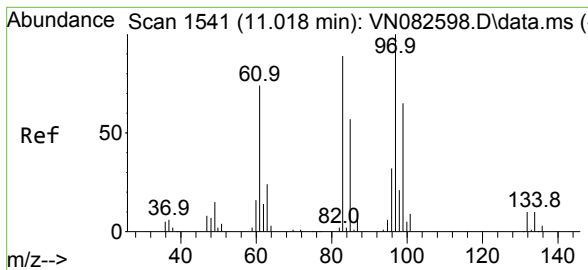
Tgt Ion: 75 Resp: 92500  
 Ion Ratio Lower Upper  
 75 100  
 77 31.8 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 55.635 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. -0.006 min  
 Lab File: VN082977.D  
 Acq: 18 Jul 2024 16:45

Tgt Ion: 75 Resp: 95317  
 Ion Ratio Lower Upper  
 75 100  
 77 31.5 24.3 36.5  
 39 52.2 50.5 75.7

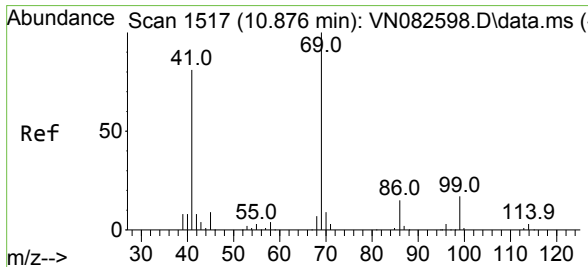
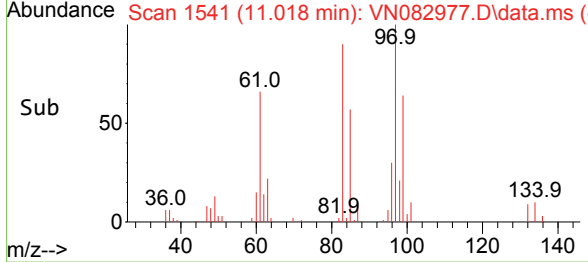
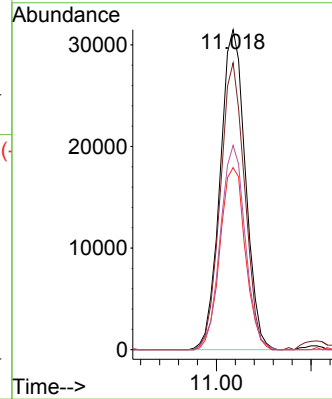
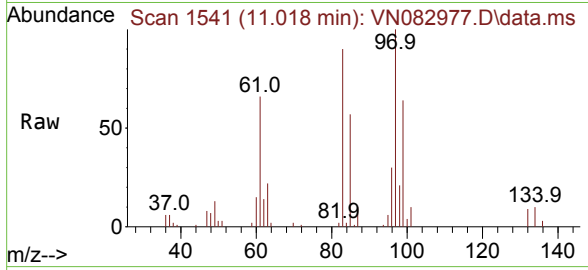




#55  
 1,1,2-Trichloroethane  
 Concen: 60.733 ug/l  
 RT: 11.018 min Scan# 1541  
 Delta R.T. -0.000 min  
 Lab File: VN082977.D  
 Acq: 18 Jul 2024 16:45

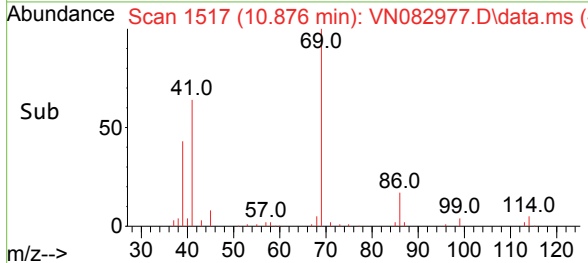
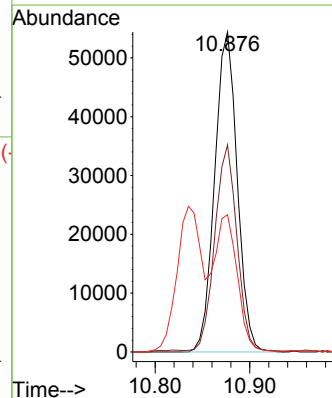
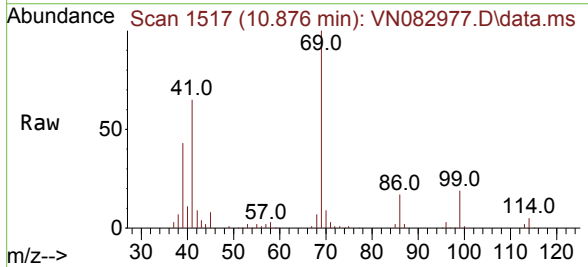
Instrument :  
 MSVOA\_N  
 ClientSampleId :

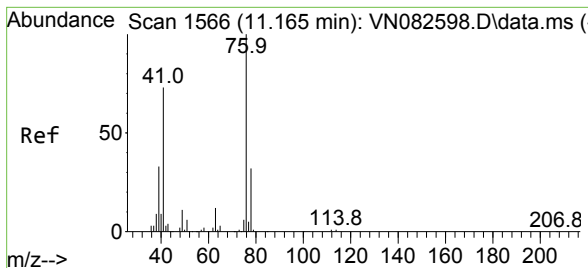
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 58325 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 89.7     | 71.4 107.0  |
| 85 56.9     | 45.8 68.6   |
| 99 63.8     | 52.0 78.0   |



#56  
 Ethyl methacrylate  
 Concen: 60.118 ug/l  
 RT: 10.876 min Scan# 1517  
 Delta R.T. 0.000 min  
 Lab File: VN082977.D  
 Acq: 18 Jul 2024 16:45

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 89822 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 64.1     | 63.4 95.2   |
| 39 39.3     | 37.4 56.0   |





#57

1,3-Dichloropropane

Concen: 58.541 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082977.D

Acq: 18 Jul 2024 16:45

Instrument :

MSVOA\_N

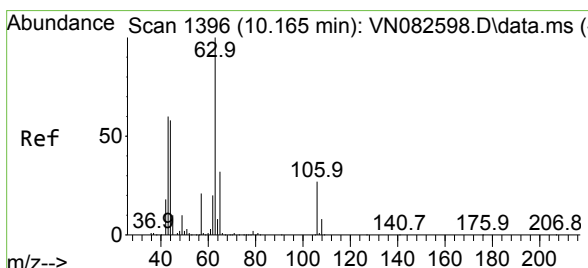
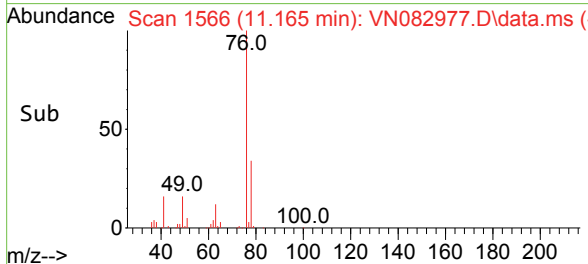
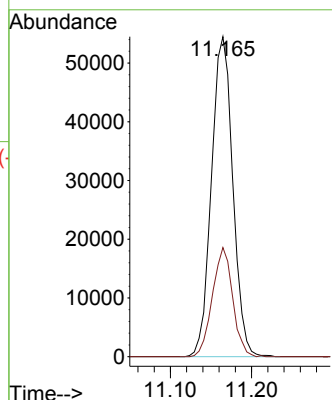
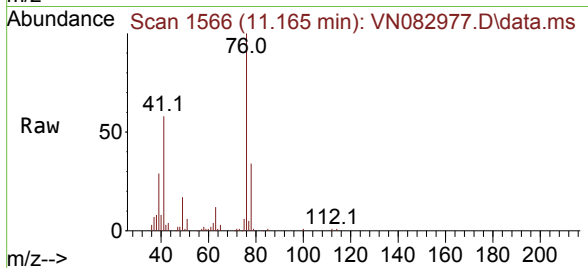
ClientSampleId :

Tgt Ion: 76 Resp: 99516

Ion Ratio Lower Upper

76 100

78 32.4 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 298.668 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN082977.D

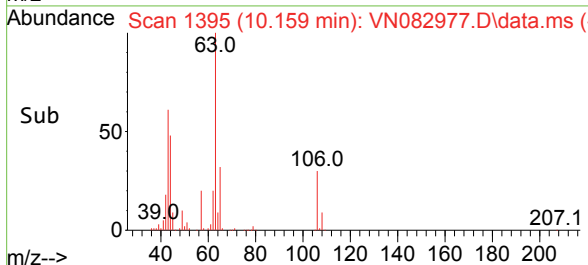
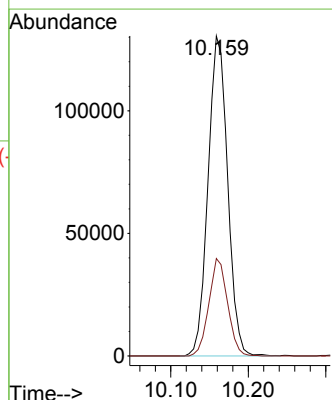
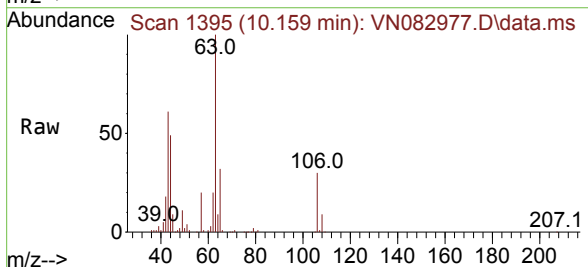
Acq: 18 Jul 2024 16:45

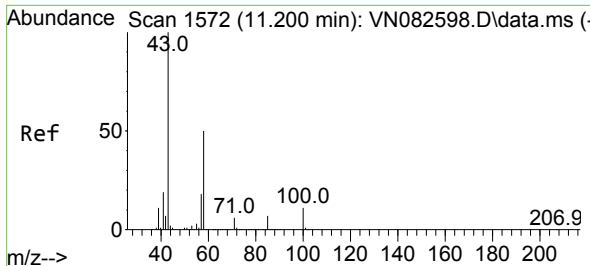
Tgt Ion: 63 Resp: 228979

Ion Ratio Lower Upper

63 100

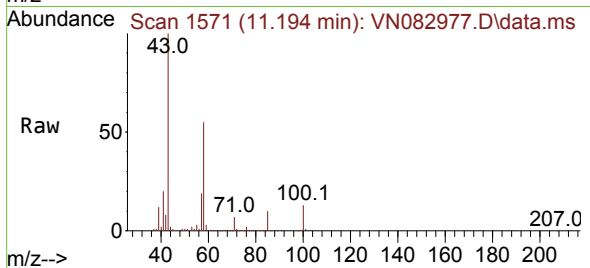
106 29.0 21.4 32.0



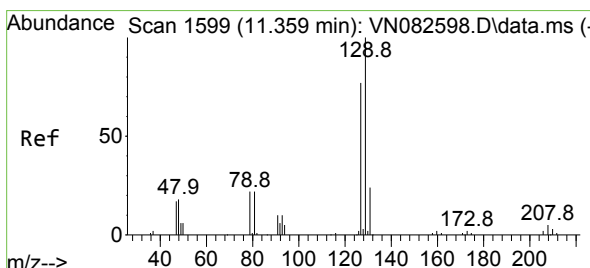
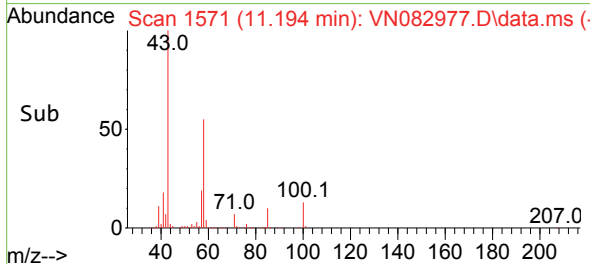
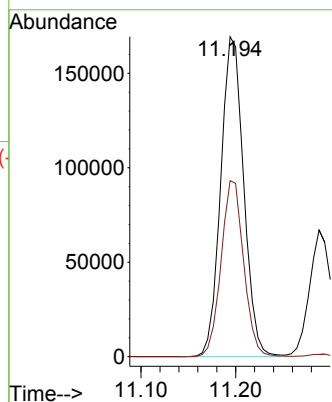


#59  
2-Hexanone  
Concen: 279.950 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. -0.006 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

Instrument :  
MSVOA\_N  
ClientSampleId :

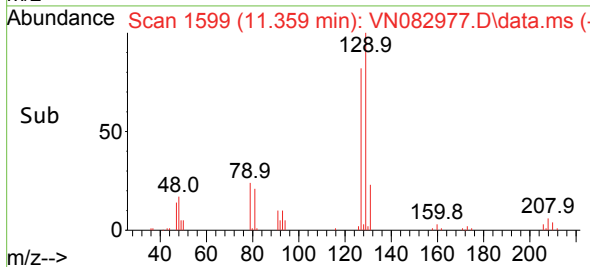
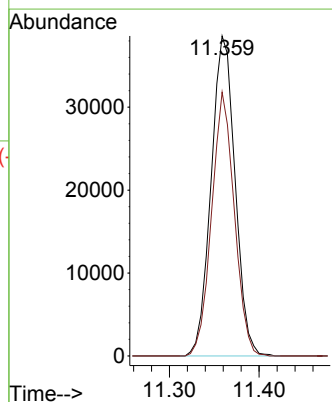
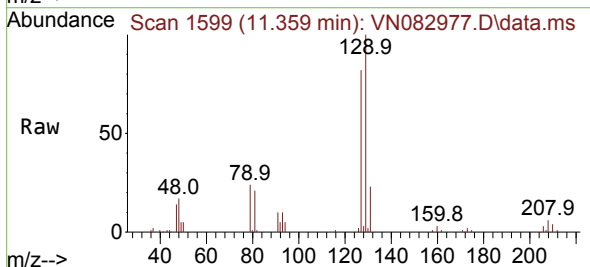


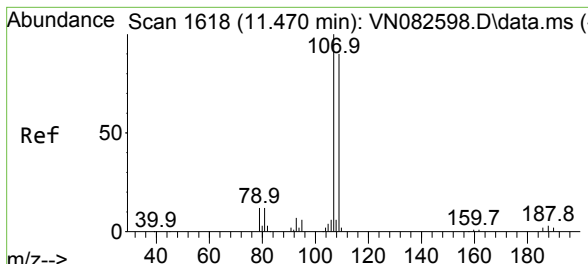
Tgt Ion: 43 Resp: 285528  
Ion Ratio Lower Upper  
43 100  
58 54.2 24.6 73.8



#60  
Dibromochloromethane  
Concen: 58.491 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

Tgt Ion: 129 Resp: 71544  
Ion Ratio Lower Upper  
129 100  
127 78.0 39.2 117.6

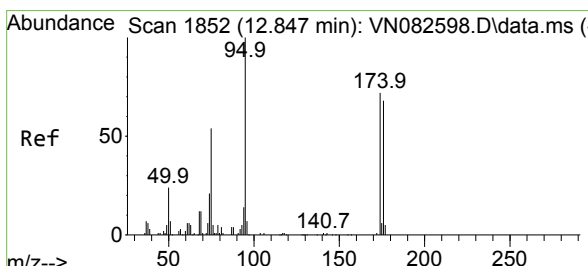
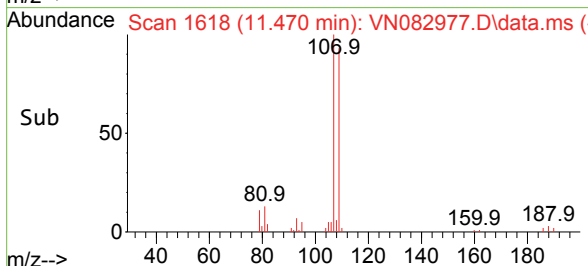
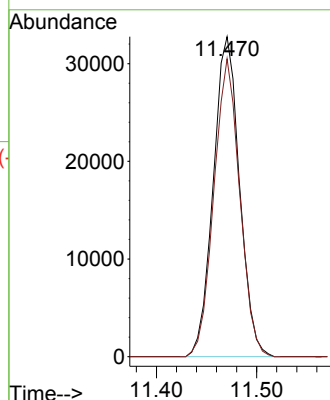
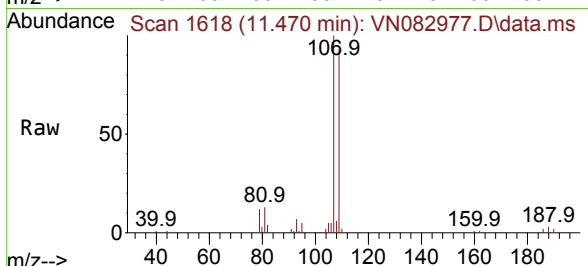




#61  
 1,2-Dibromoethane  
 Concen: 58.371 ug/l  
 RT: 11.470 min Scan# 1  
 Delta R.T. 0.000 min  
 Lab File: VN082977.D  
 Acq: 18 Jul 2024 16:45

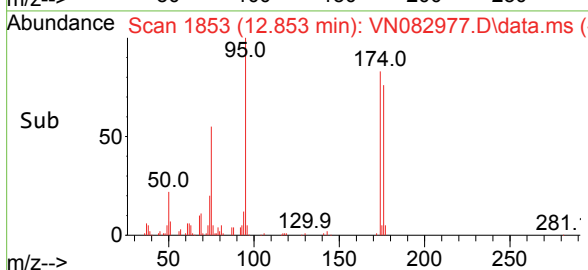
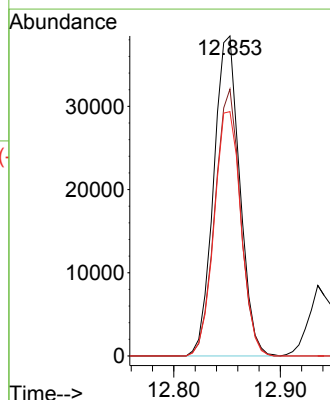
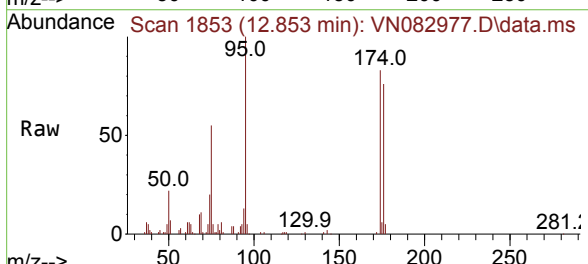
Instrument :  
 MSVOA\_N  
 ClientSampleId :

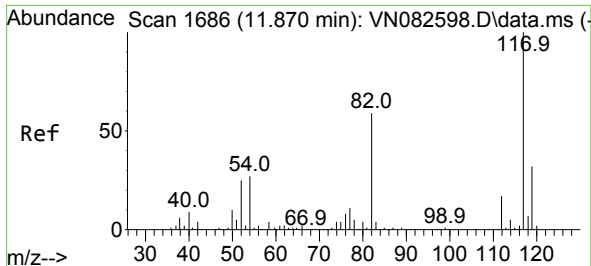
Tgt Ion:107 Resp: 59530  
 Ion Ratio Lower Upper  
 107 100  
 109 91.6 73.7 110.5



#62  
 4-Bromofluorobenzene  
 Concen: 50.061 ug/l  
 RT: 12.853 min Scan# 1853  
 Delta R.T. 0.006 min  
 Lab File: VN082977.D  
 Acq: 18 Jul 2024 16:45

Tgt Ion: 95 Resp: 65474  
 Ion Ratio Lower Upper  
 95 100  
 174 81.6 0.0 159.2  
 176 78.5 0.0 147.6

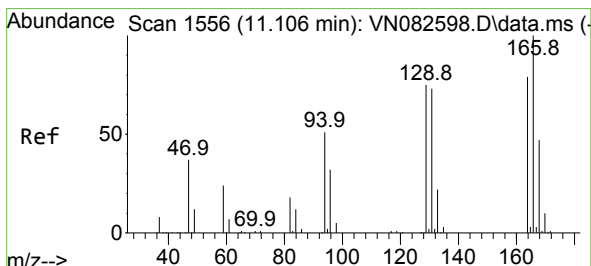
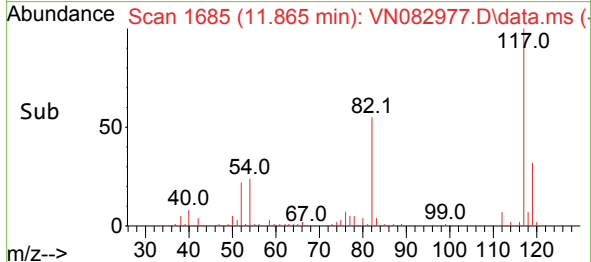
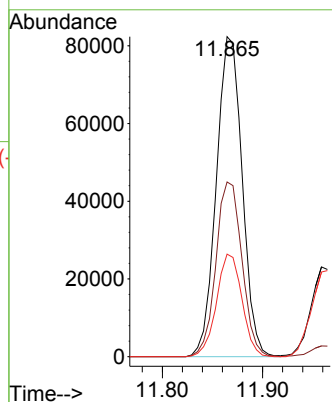
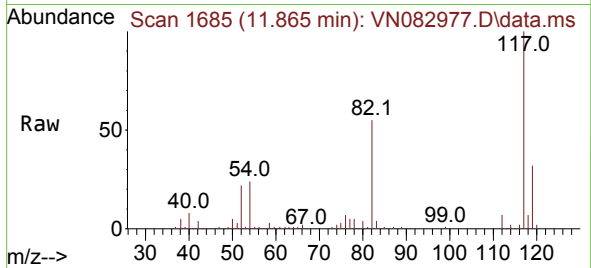




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.005 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

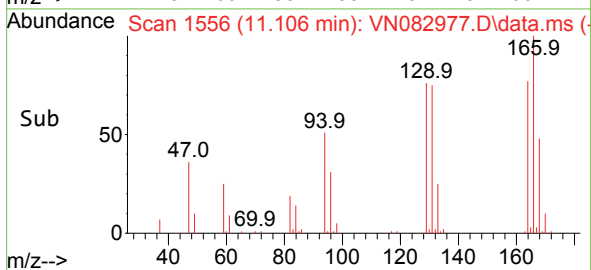
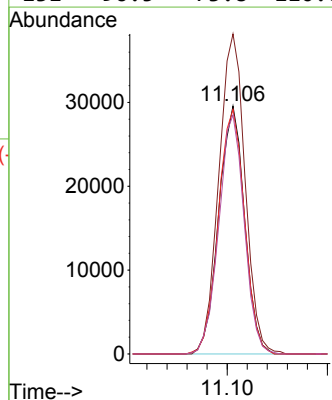
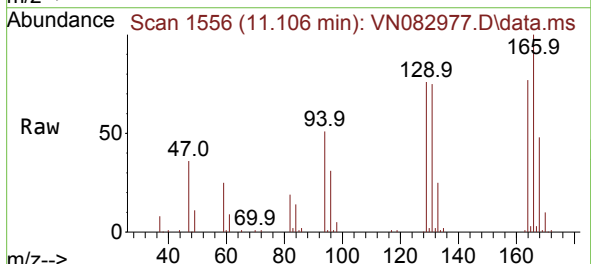
Instrument :  
MSVOA\_N  
ClientSampleId :

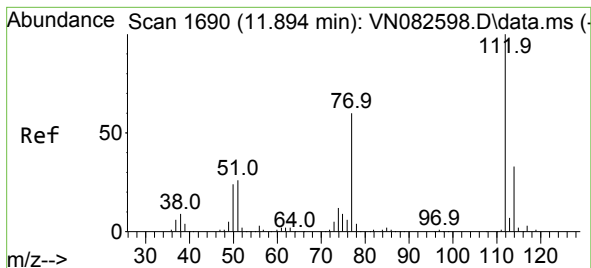
Tgt Ion:117 Resp: 147276  
Ion Ratio Lower Upper  
117 100  
82 54.6 47.5 71.3  
119 32.0 25.6 38.4



#64  
Tetrachloroethene  
Concen: 47.969 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. -0.000 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

Tgt Ion:164 Resp: 52707  
Ion Ratio Lower Upper  
164 100  
166 129.1 101.4 152.0  
129 98.6 75.7 113.5  
131 96.5 73.8 110.6

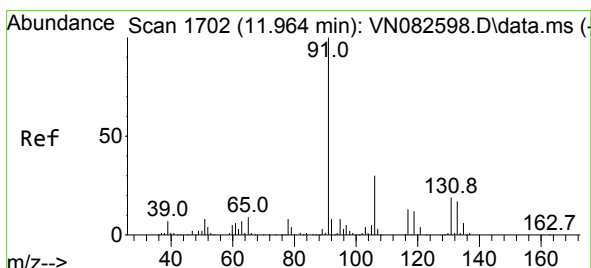
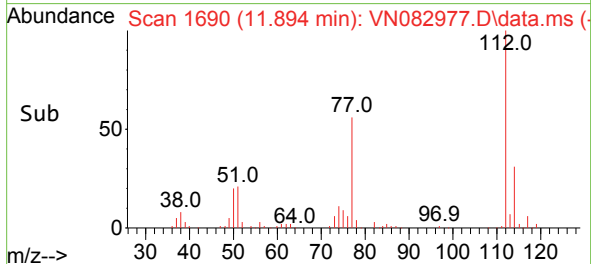
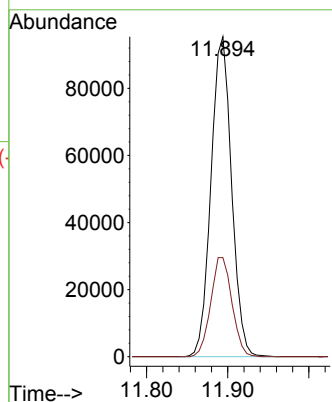
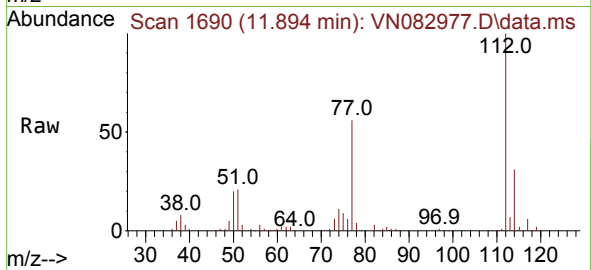




#65  
Chlorobenzene  
Concen: 53.239 ug/l  
RT: 11.894 min Scan# 1112  
Delta R.T. -0.000 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

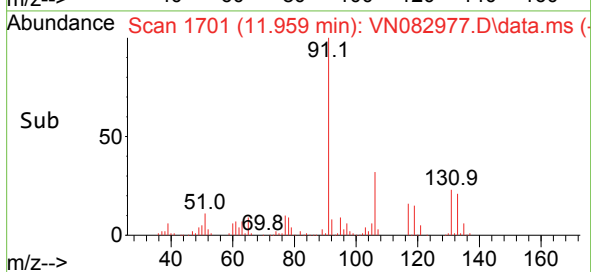
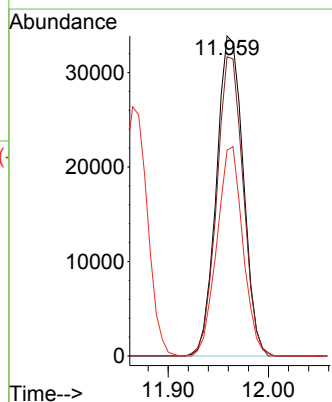
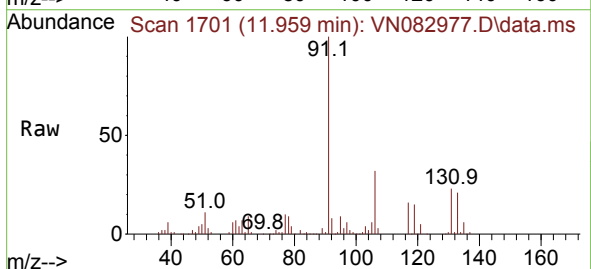
Instrument :  
MSVOA\_N  
ClientSampleId :

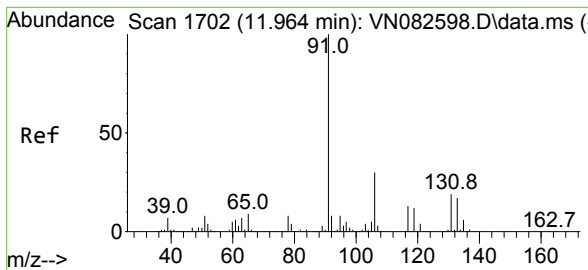
Tgt Ion:112 Resp: 168016  
Ion Ratio Lower Upper  
112 100  
114 31.0 26.2 39.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 55.894 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.005 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

Tgt Ion:131 Resp: 62744  
Ion Ratio Lower Upper  
131 100  
133 92.5 47.3 142.0  
119 63.7 32.5 97.4

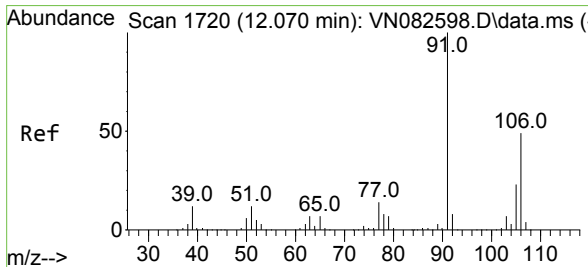
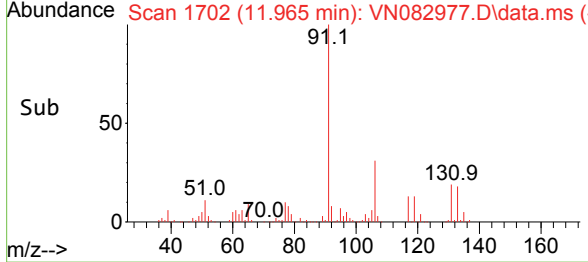
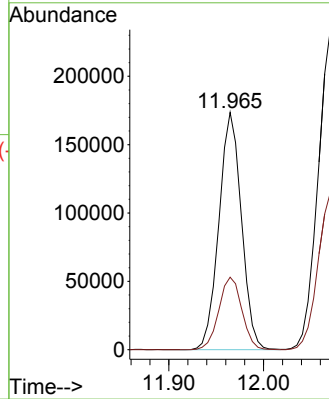
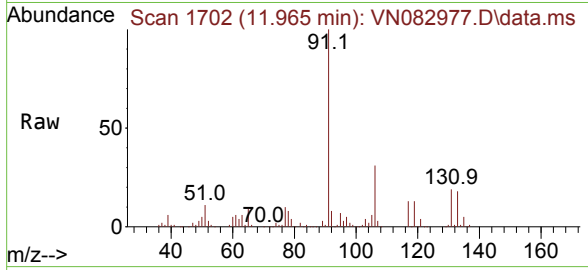




#67  
Ethyl Benzene  
Concen: 54.016 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.001 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

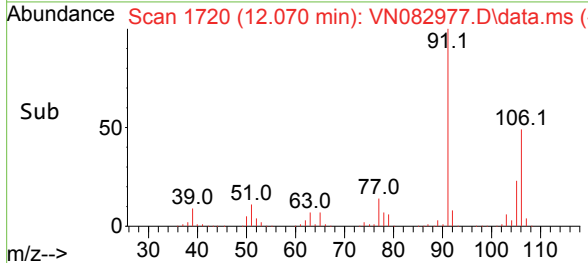
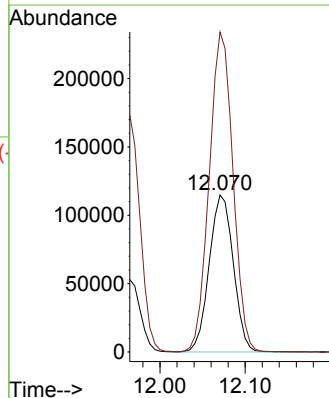
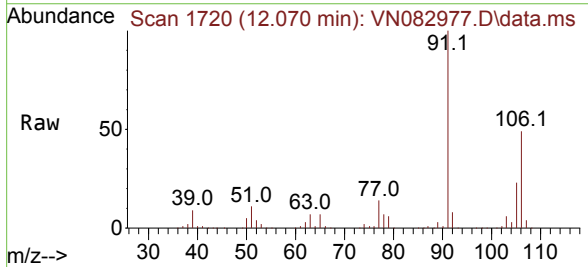
Instrument :  
MSVOA\_N  
ClientSampleId :

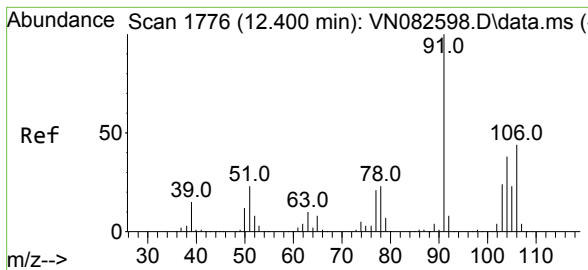
Tgt Ion: 91 Resp: 286509  
Ion Ratio Lower Upper  
91 100  
106 30.5 24.0 36.0



#68  
m/p-Xylenes  
Concen: 112.613 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. 0.000 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

Tgt Ion:106 Resp: 225509  
Ion Ratio Lower Upper  
106 100  
91 200.7 166.1 249.1

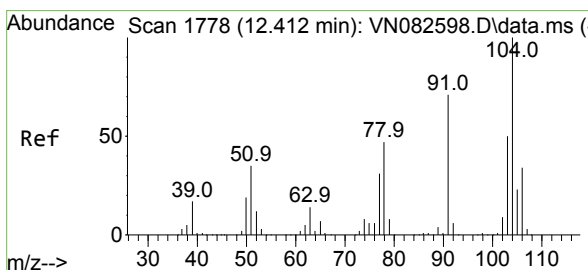
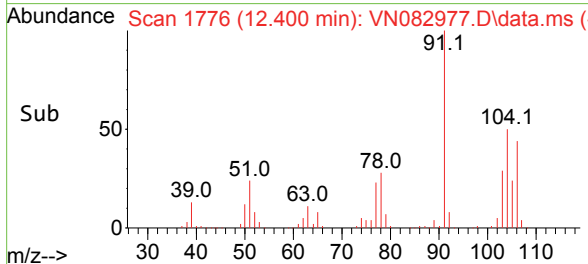
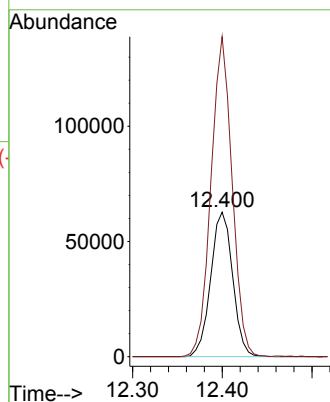
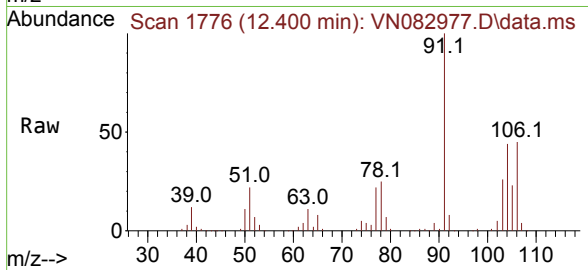




#69  
o-Xylene  
Concen: 55.579 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. -0.000 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

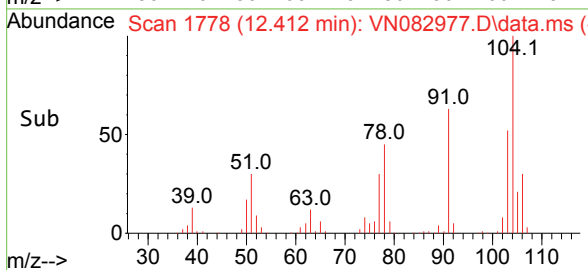
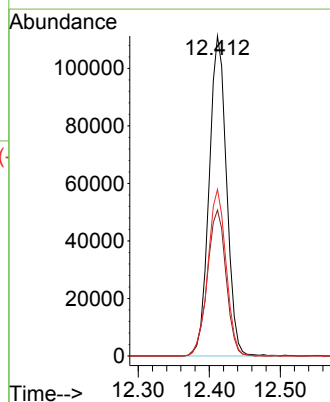
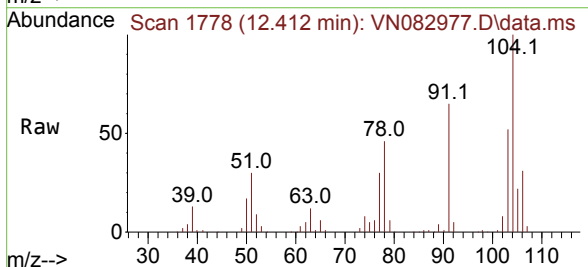
Instrument :  
MSVOA\_N  
ClientSampleId :

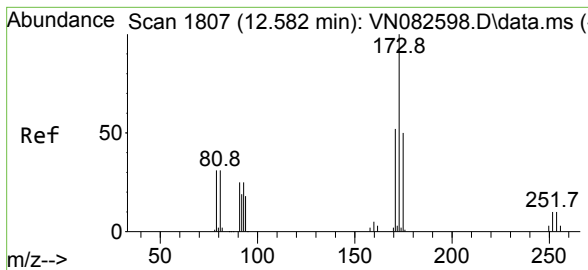
Tgt Ion:106 Resp: 106643  
Ion Ratio Lower Upper  
106 100  
91 212.7 111.3 333.9



#70  
Styrene  
Concen: 59.842 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. -0.000 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

Tgt Ion:104 Resp: 189721  
Ion Ratio Lower Upper  
104 100  
78 49.0 41.6 62.4  
103 54.4 44.0 66.0

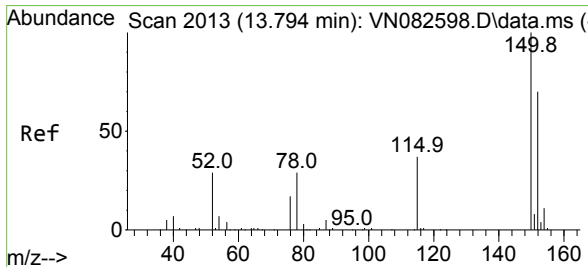
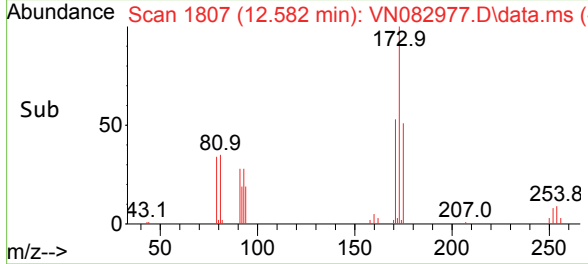
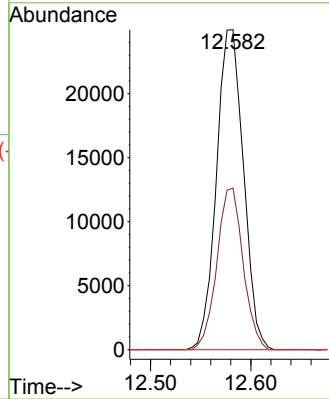
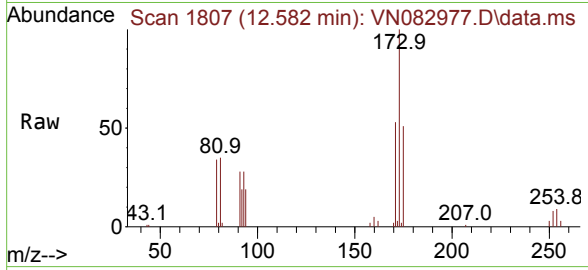




#71  
Bromoform  
Concen: 53.031 ug/l  
RT: 12.582 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

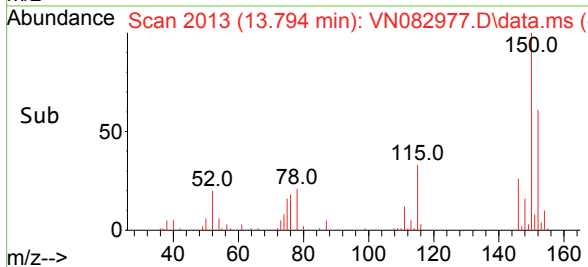
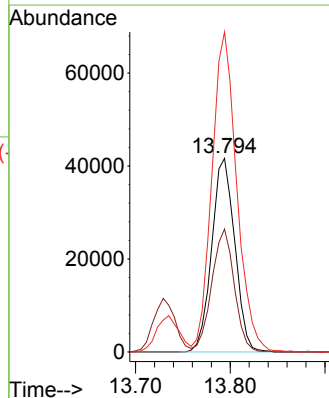
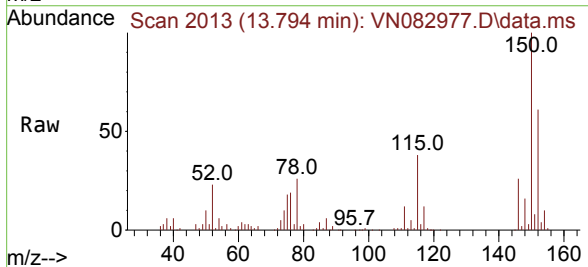
Instrument :  
MSVOA\_N  
ClientSampleId :

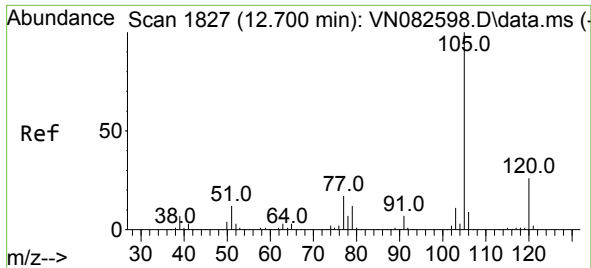
Tgt Ion:173 Resp: 46816  
Ion Ratio Lower Upper  
173 100  
175 49.0 24.0 72.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. -0.000 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

Tgt Ion:152 Resp: 70490  
Ion Ratio Lower Upper  
152 100  
115 62.2 30.6 91.6  
150 177.8 0.0 348.6

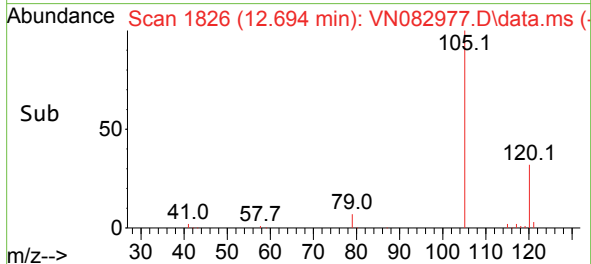
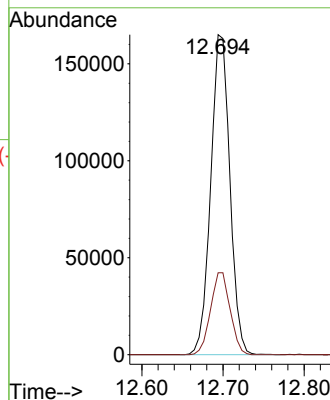
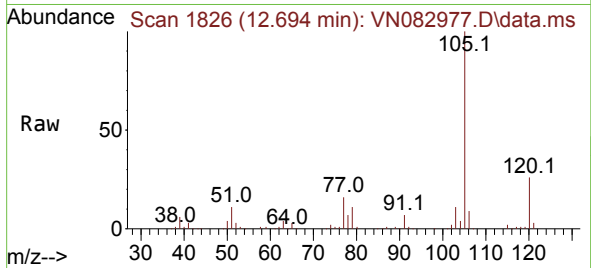




#73  
Isopropylbenzene  
Concen: 52.740 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. -0.006 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

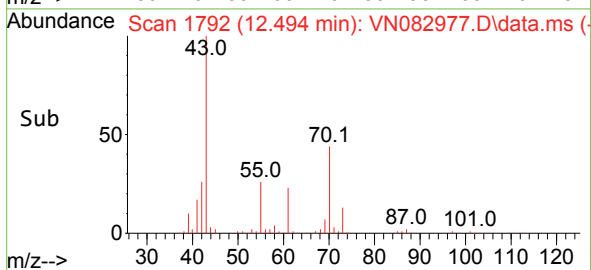
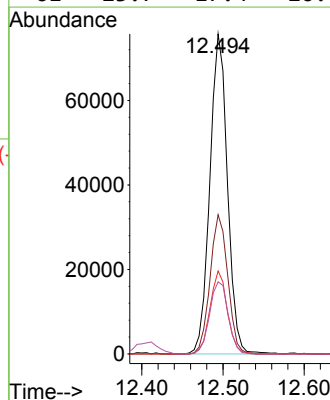
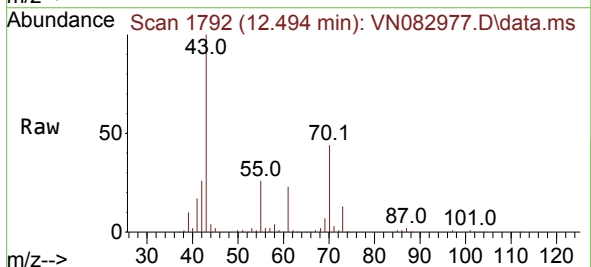
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ClientSampleId :

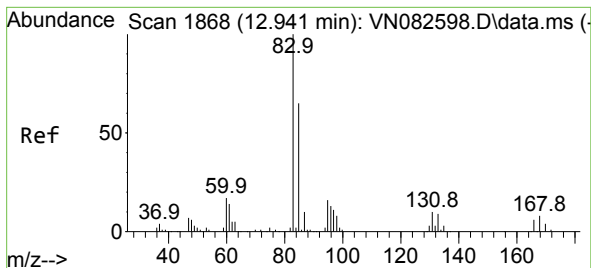
Tgt Ion:105 Resp: 270142  
Ion Ratio Lower Upper  
105 100  
120 26.2 12.9 38.6



#74  
N-ethyl acetate  
Concen: 53.743 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. -0.000 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

Tgt Ion: 43 Resp: 113865  
Ion Ratio Lower Upper  
43 100  
70 43.7 29.8 44.6  
55 25.5 18.7 28.1  
61 23.7 17.4 26.0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.787 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN082977.D

Acq: 18 Jul 2024 16:45

Instrument :

MSVOA\_N

ClientSampleId :

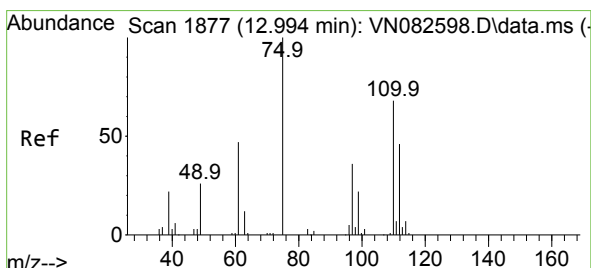
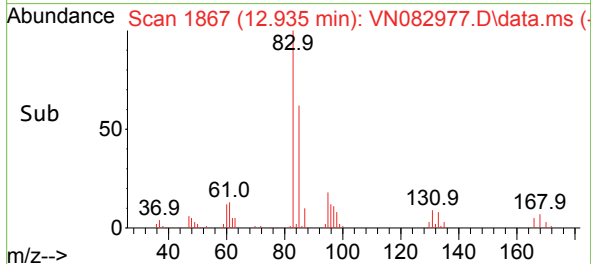
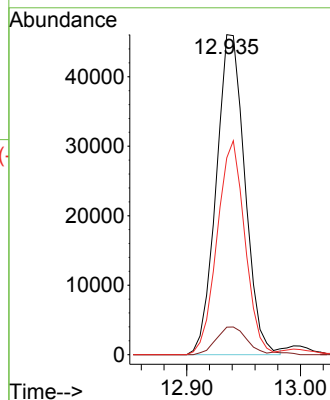
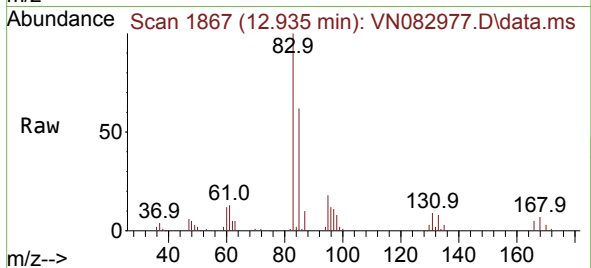
Tgt Ion: 83 Resp: 80976

Ion Ratio Lower Upper

83 100

131 9.7 5.0 14.9

85 64.5 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 90.571 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN082977.D

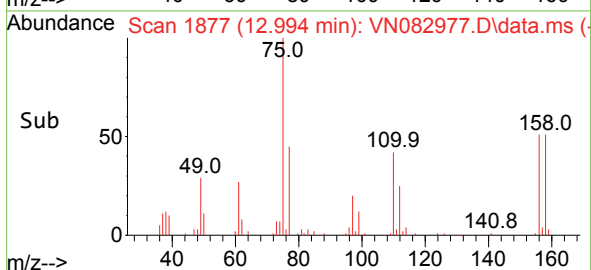
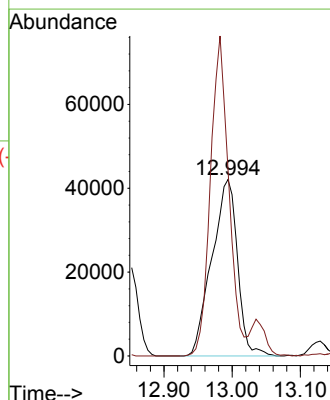
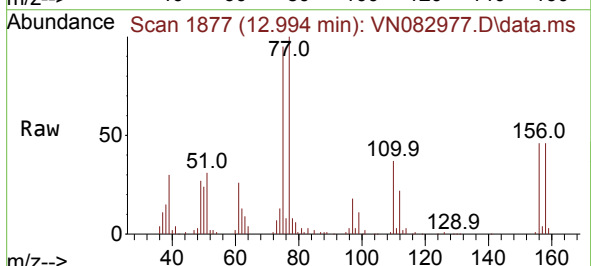
Acq: 18 Jul 2024 16:45

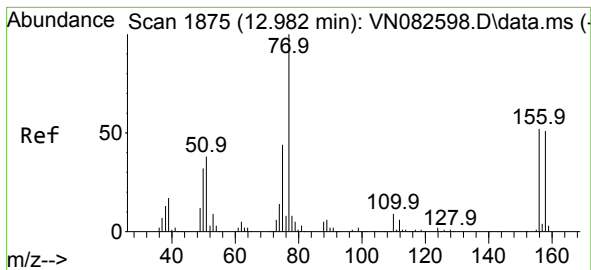
Tgt Ion: 75 Resp: 110070

Ion Ratio Lower Upper

75 100

77 129.6 110.9 332.6





#77

Bromobenzene

Concen: 50.919 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082977.D

Acq: 18 Jul 2024 16:45

Instrument :

MSVOA\_N

ClientSampleId :

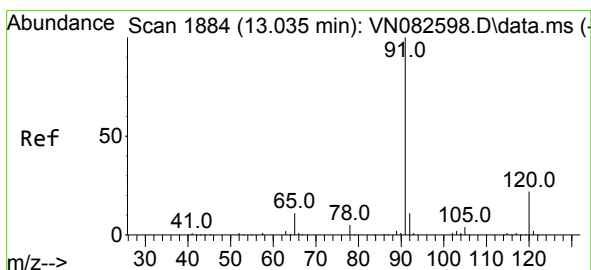
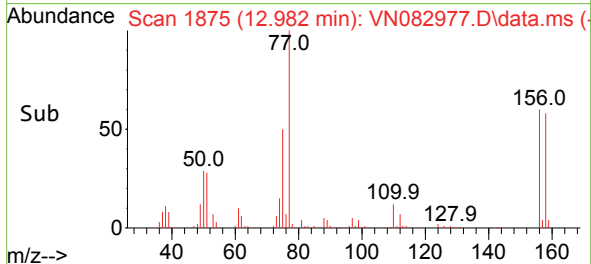
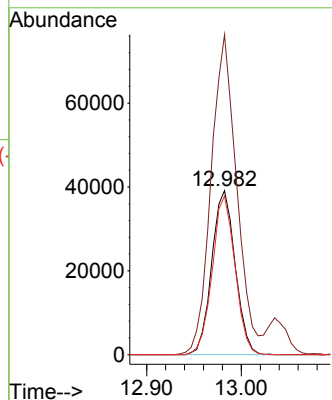
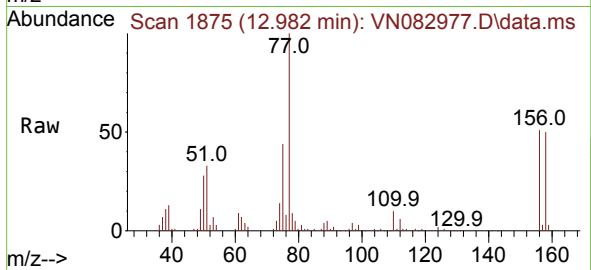
Tgt Ion:156 Resp: 67285

Ion Ratio Lower Upper

156 100

77 212.0 111.3 333.8

158 93.9 48.3 144.9



#78

n-propylbenzene

Concen: 54.905 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN082977.D

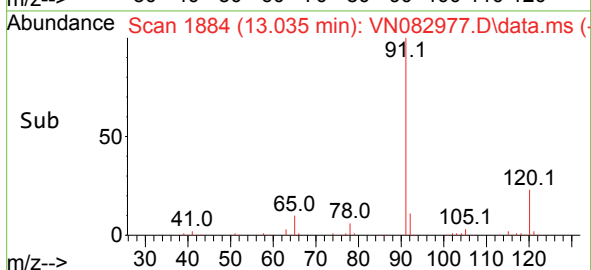
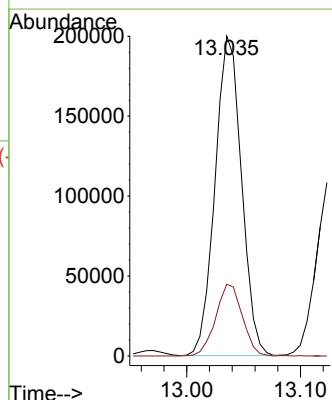
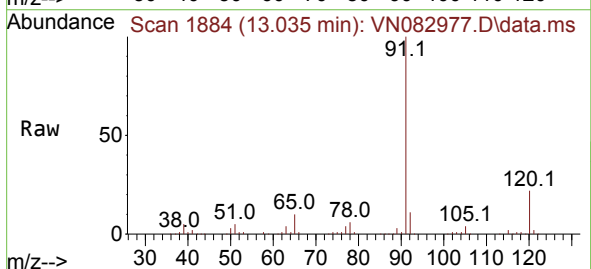
Acq: 18 Jul 2024 16:45

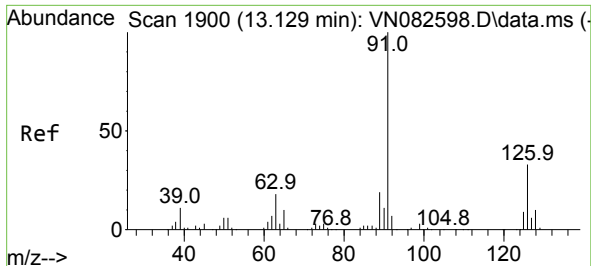
Tgt Ion: 91 Resp: 323348

Ion Ratio Lower Upper

91 100

120 22.5 10.9 32.9

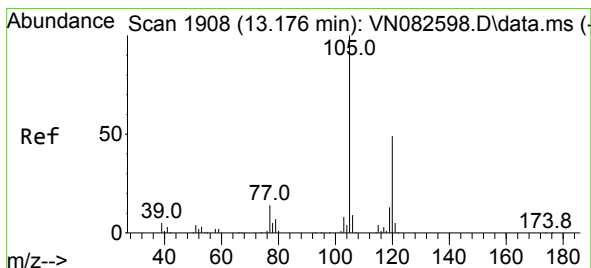
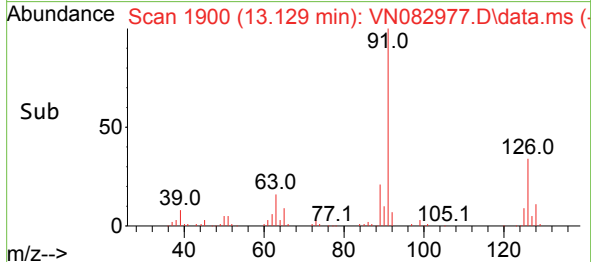
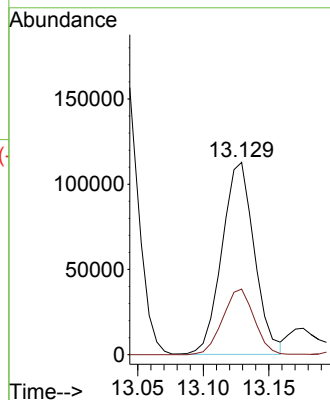
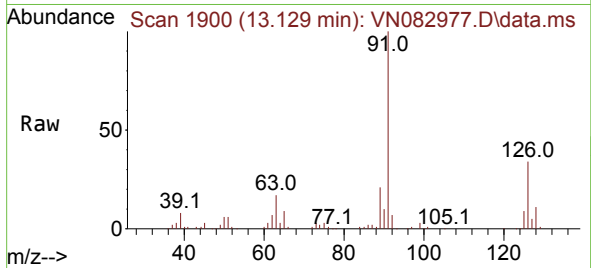




#79  
2-Chlorotoluene  
Concen: 51.732 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. 0.000 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

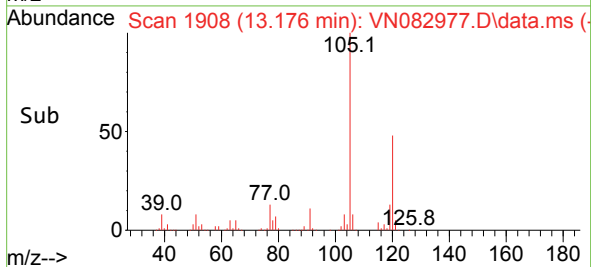
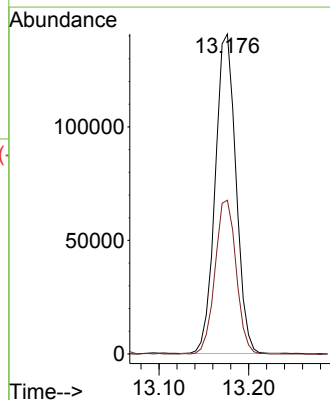
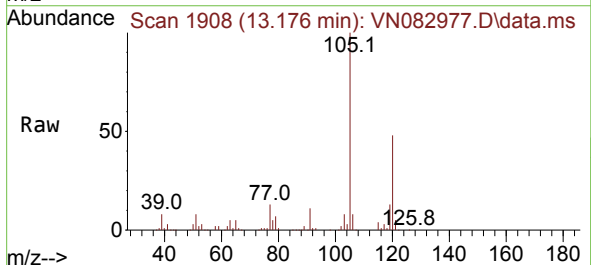
Instrument :  
MSVOA\_N  
ClientSampleId :

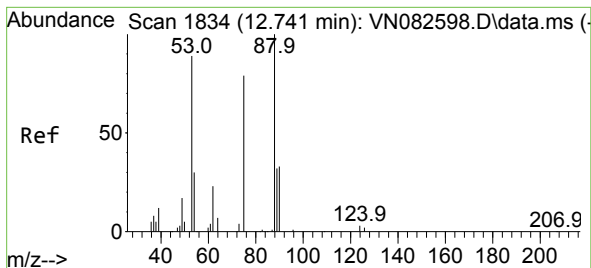
Tgt Ion: 91 Resp: 194118  
Ion Ratio Lower Upper  
91 100  
126 33.2 16.2 48.6



#80  
1,3,5-Trimethylbenzene  
Concen: 54.487 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

Tgt Ion:105 Resp: 225596  
Ion Ratio Lower Upper  
105 100  
120 49.0 24.3 72.8

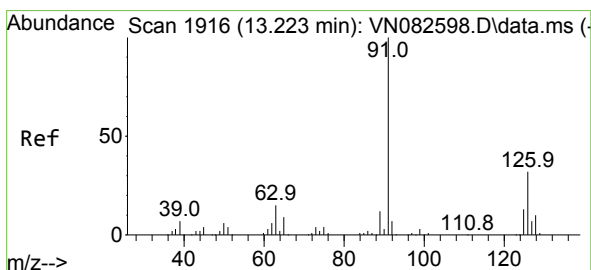
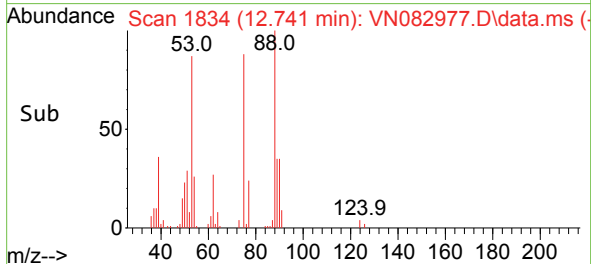
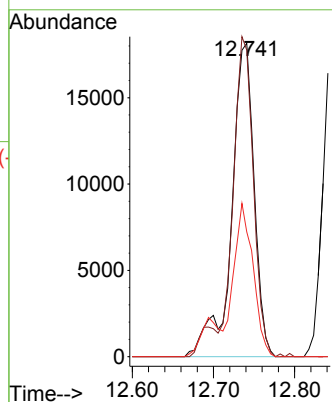
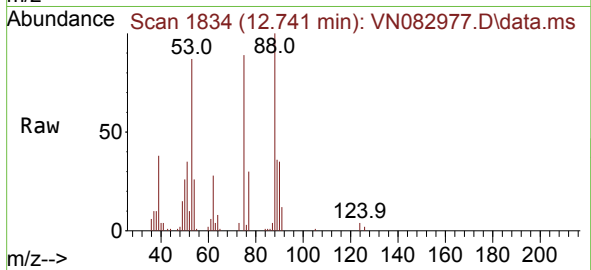




#81  
trans-1,4-Dichloro-2-butene  
Concen: 57.175 ug/l  
RT: 12.741 min Scan# 1834  
Delta R.T. -0.000 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

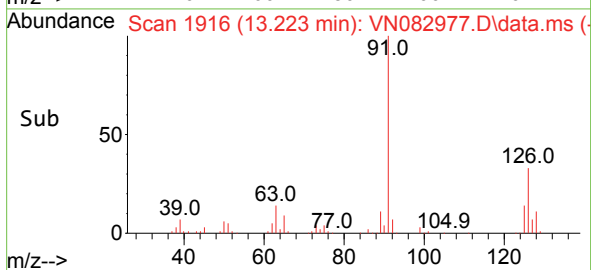
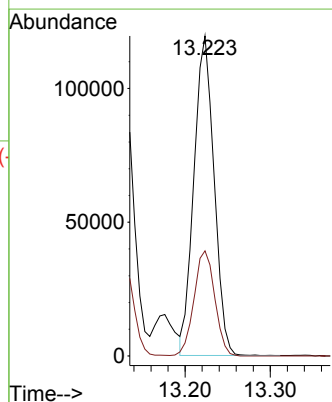
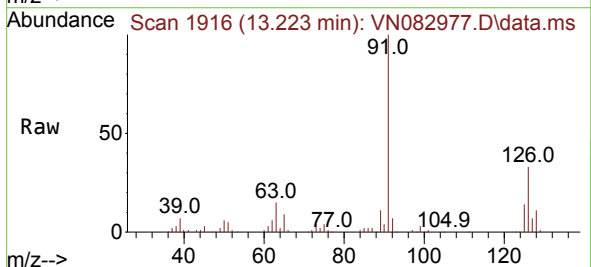
Instrument :  
MSVOA\_N  
ClientSampleId :

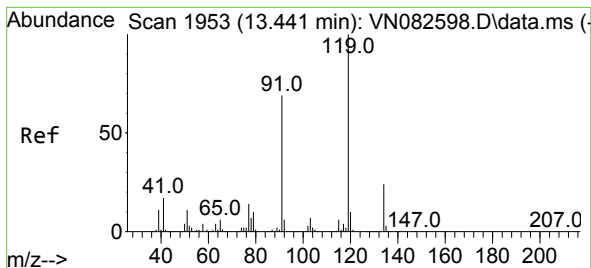
Tgt Ion: 75 Resp: 35330  
Ion Ratio Lower Upper  
75 100  
53 89.1 88.4 132.6  
89 41.4 36.3 54.5



#82  
4-Chlorotoluene  
Concen: 52.738 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. 0.000 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

Tgt Ion: 91 Resp: 195877  
Ion Ratio Lower Upper  
91 100  
126 34.0 16.2 48.6





#83

tert-Butylbenzene

Concen: 51.770 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN082977.D

Acq: 18 Jul 2024 16:45

Instrument :

MSVOA\_N

ClientSampleId :

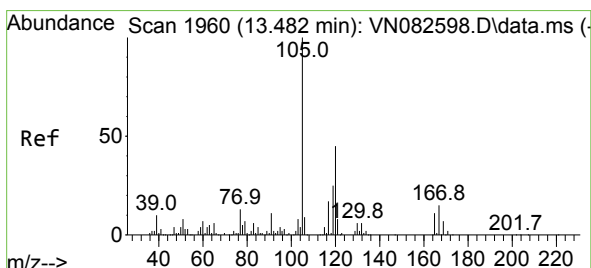
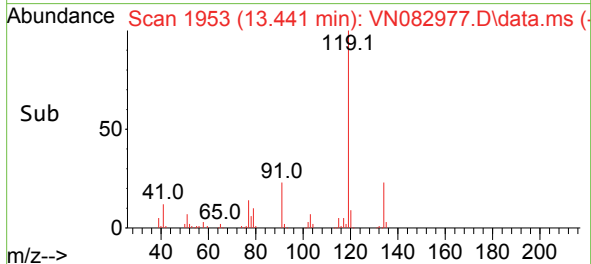
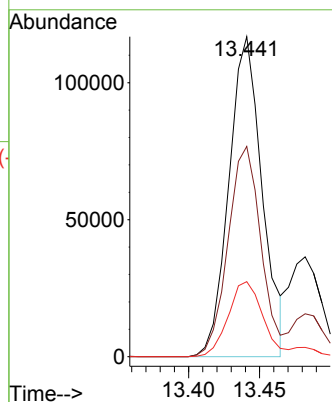
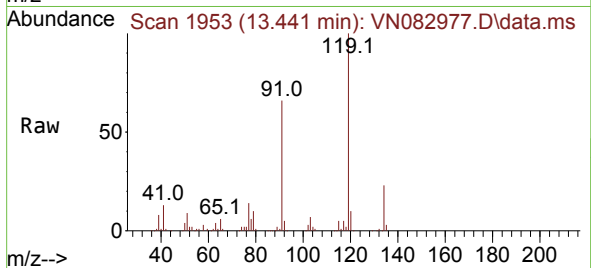
Tgt Ion:119 Resp: 190027

Ion Ratio Lower Upper

119 100

91 65.1 35.0 105.1

134 24.5 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 55.128 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN082977.D

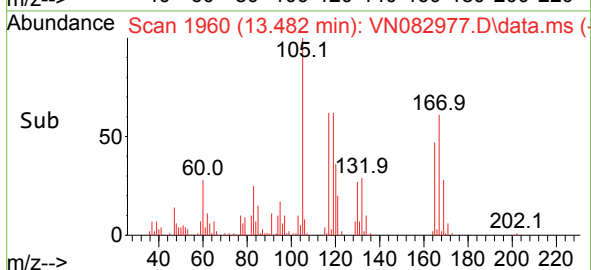
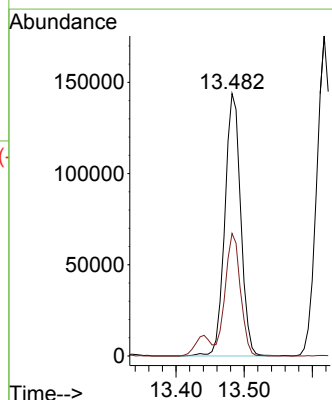
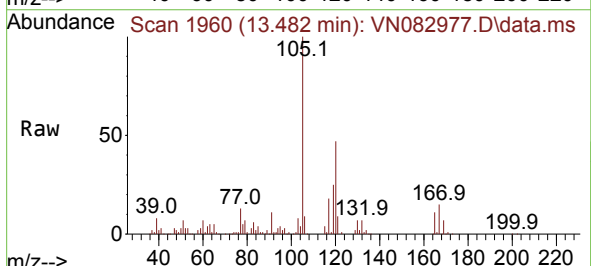
Acq: 18 Jul 2024 16:45

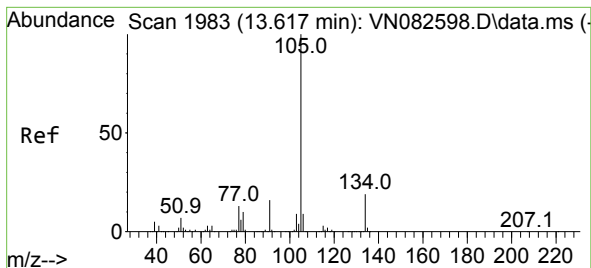
Tgt Ion:105 Resp: 232636

Ion Ratio Lower Upper

105 100

120 45.4 21.9 65.8





#85

sec-Butylbenzene

Concen: 54.448 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN082977.D

Acq: 18 Jul 2024 16:45

Instrument :

MSVOA\_N

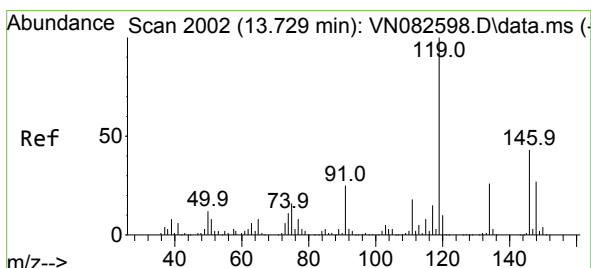
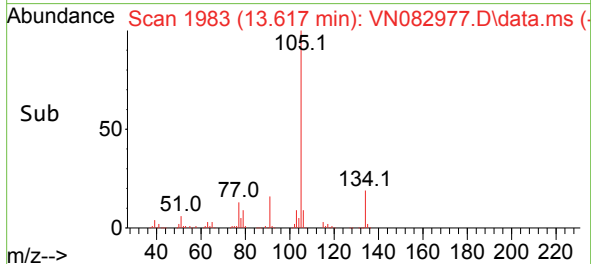
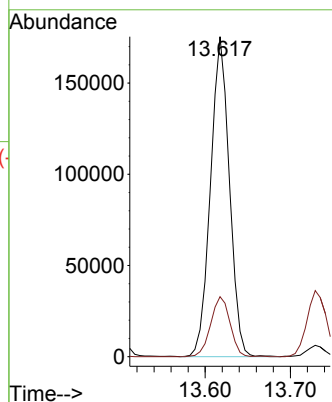
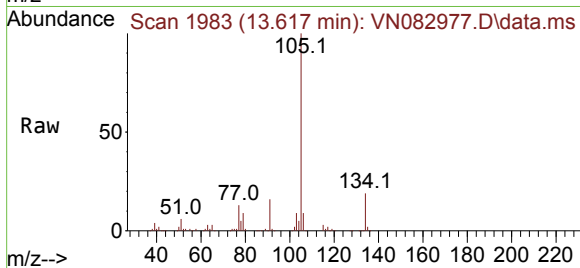
ClientSampleId :

Tgt Ion:105 Resp: 270075

Ion Ratio Lower Upper

105 100

134 19.2 9.8 29.3



#86

p-Isopropyltoluene

Concen: 54.759 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN082977.D

Acq: 18 Jul 2024 16:45

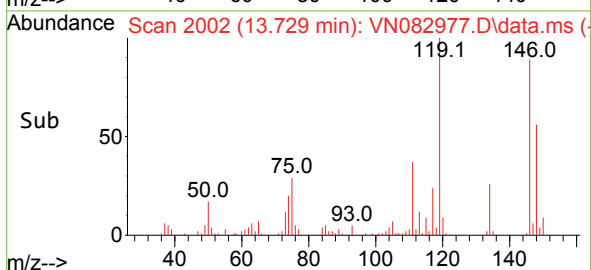
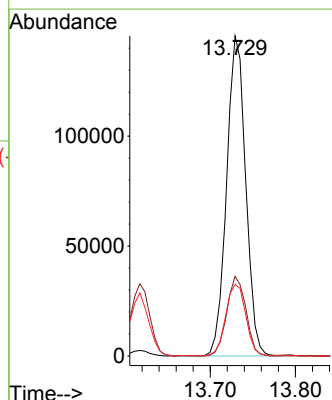
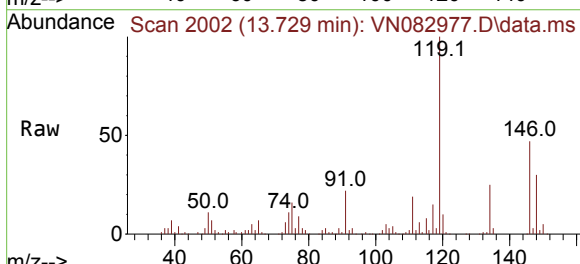
Tgt Ion:119 Resp: 226617

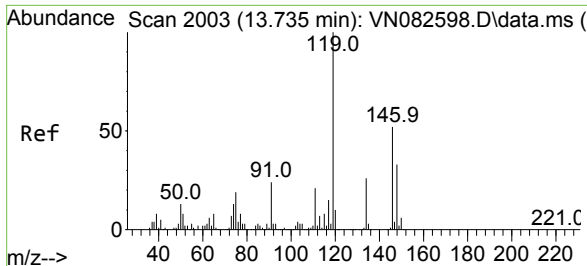
Ion Ratio Lower Upper

119 100

134 24.9 13.0 39.0

91 23.6 12.3 36.9

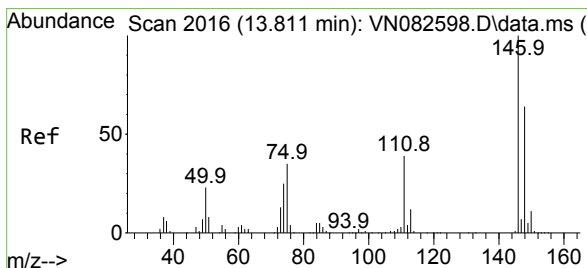
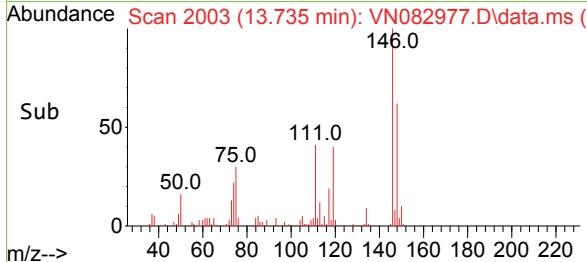
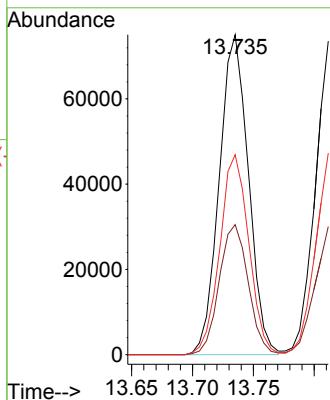
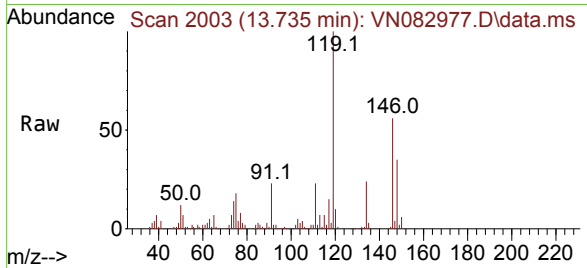




#87  
1,3-Dichlorobenzene  
Concen: 52.417 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. 0.000 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

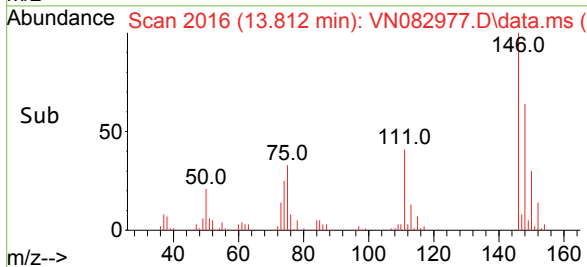
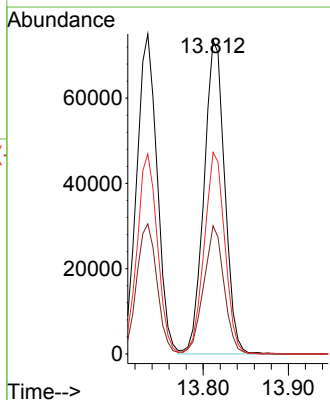
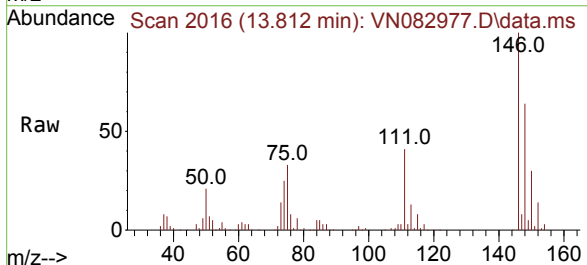
Instrument :  
MSVOA\_N  
ClientSampleId :

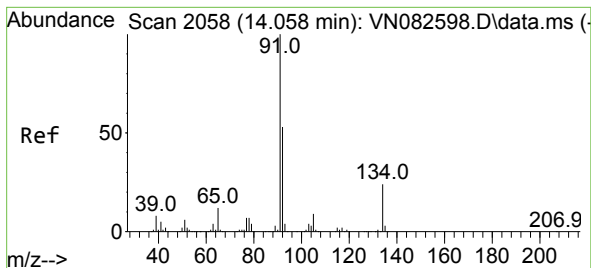
Tgt Ion:146 Resp: 125126  
Ion Ratio Lower Upper  
146 100  
111 40.5 20.6 61.9  
148 62.3 31.8 95.3



#88  
1,4-Dichlorobenzene  
Concen: 50.276 ug/l  
RT: 13.812 min Scan# 2016  
Delta R.T. 0.001 min  
Lab File: VN082977.D  
Acq: 18 Jul 2024 16:45

Tgt Ion:146 Resp: 124117  
Ion Ratio Lower Upper  
146 100  
111 40.3 20.1 60.3  
148 63.9 32.2 96.6





#89

n-Butylbenzene

Concen: 53.524 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.001 min

Lab File: VN082977.D

Acq: 18 Jul 2024 16:45

Instrument :

MSVOA\_N

ClientSampleId :

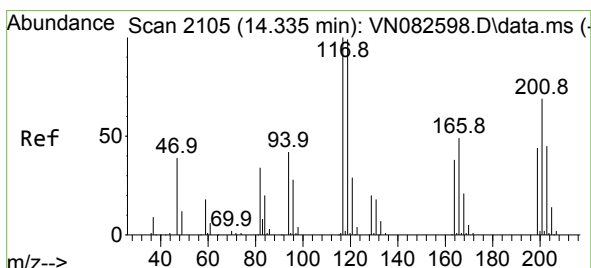
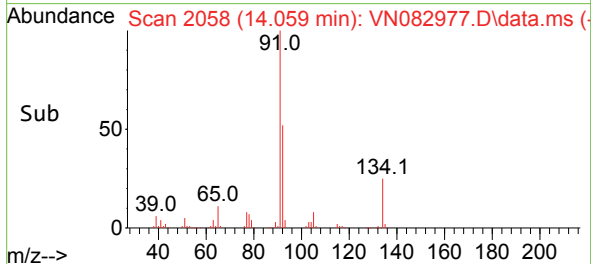
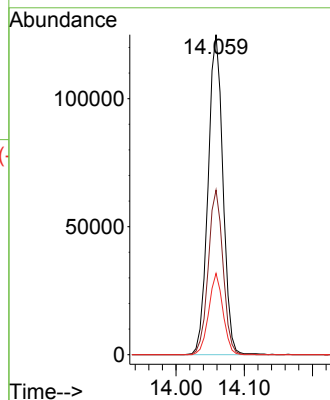
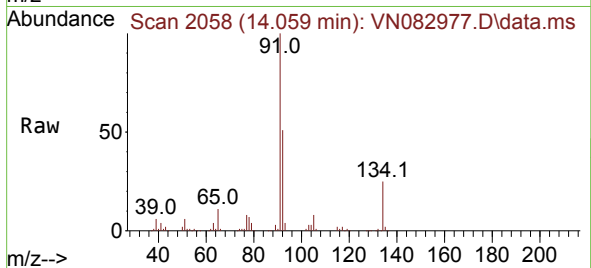
Tgt Ion: 91 Resp: 189768

Ion Ratio Lower Upper

91 100

92 51.1 26.1 78.3

134 24.3 12.1 36.3



#90

Hexachloroethane

Concen: 49.960 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN082977.D

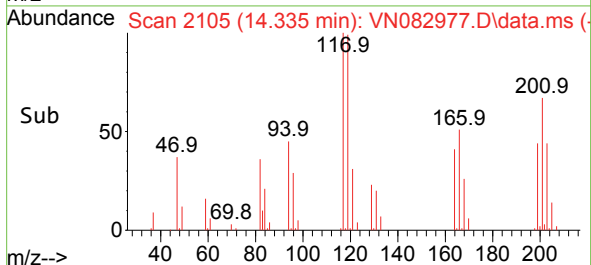
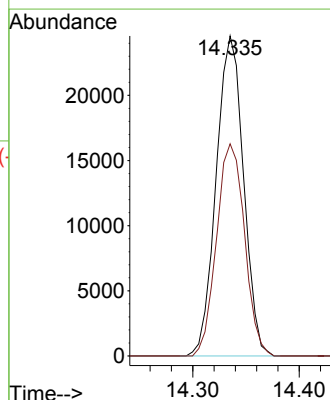
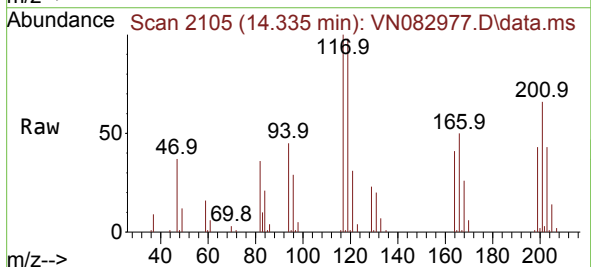
Acq: 18 Jul 2024 16:45

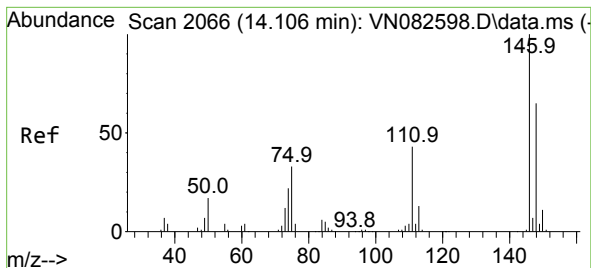
Tgt Ion: 117 Resp: 43749

Ion Ratio Lower Upper

117 100

201 67.9 35.8 107.3





#91

1,2-Dichlorobenzene

Concen: 51.489 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN082977.D

Acq: 18 Jul 2024 16:45

Instrument :

MSVOA\_N

ClientSampleId :

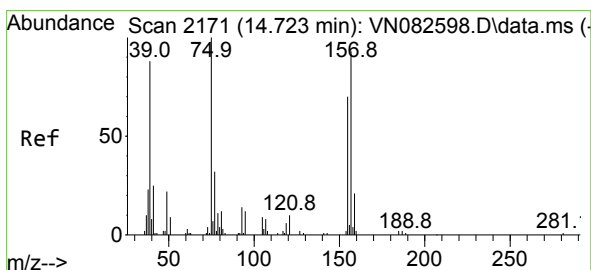
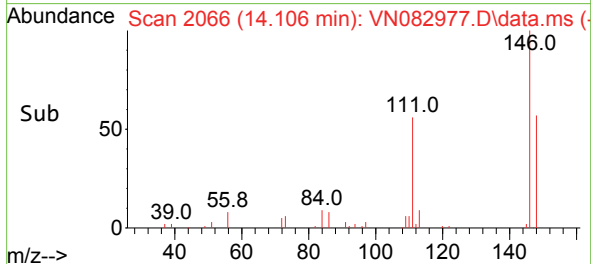
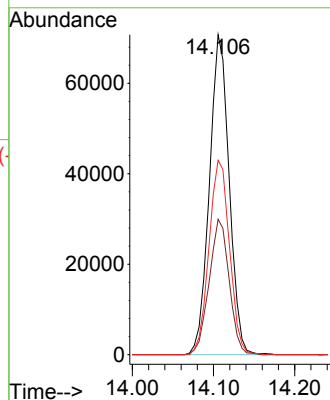
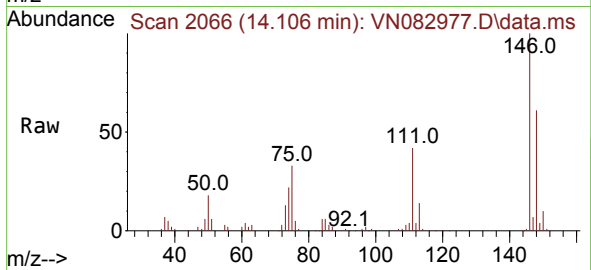
Tgt Ion:146 Resp: 119337

Ion Ratio Lower Upper

146 100

111 43.0 21.4 64.2

148 63.2 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.005 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN082977.D

Acq: 18 Jul 2024 16:45

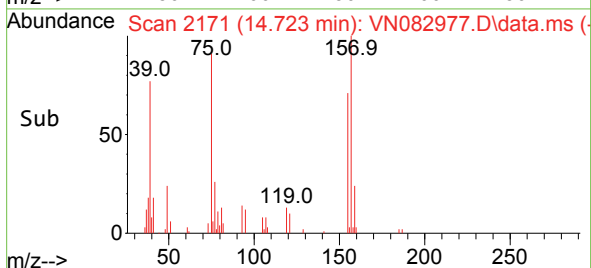
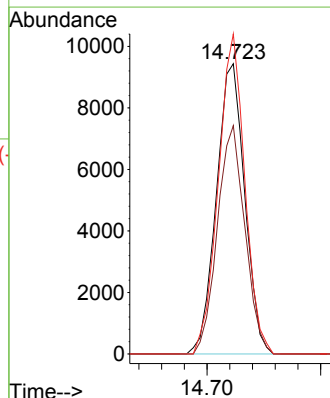
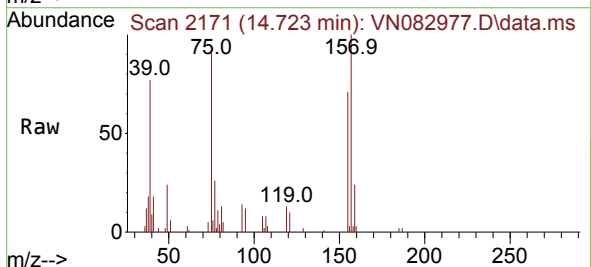
Tgt Ion: 75 Resp: 16327

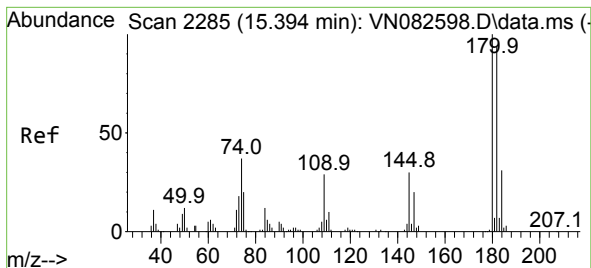
Ion Ratio Lower Upper

75 100

155 76.5 36.6 109.8

157 103.2 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 46.772 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082977.D

Acq: 18 Jul 2024 16:45

Instrument :

MSVOA\_N

ClientSampleId :

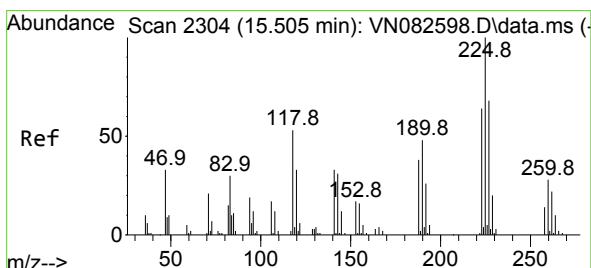
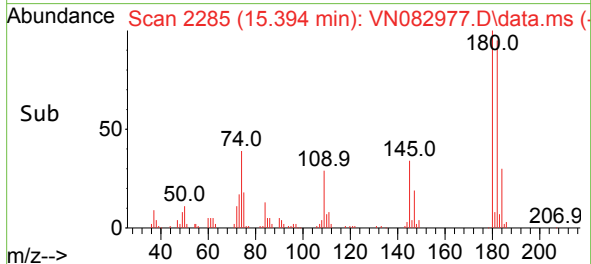
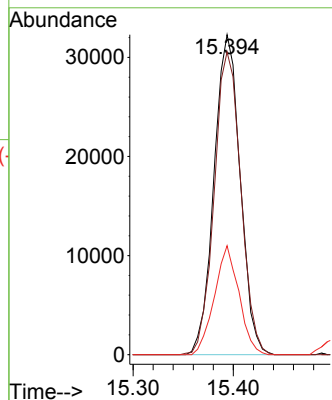
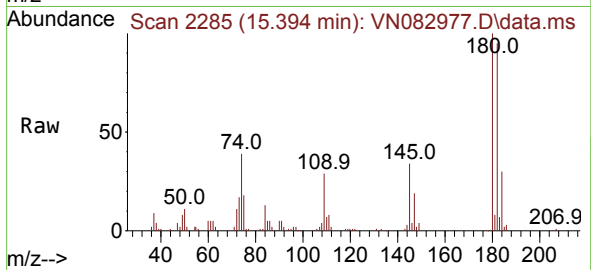
Tgt Ion:180 Resp: 58392

Ion Ratio Lower Upper

180 100

182 95.7 47.3 141.8

145 31.9 15.7 47.1



#94

Hexachlorobutadiene

Concen: 46.044 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.001 min

Lab File: VN082977.D

Acq: 18 Jul 2024 16:45

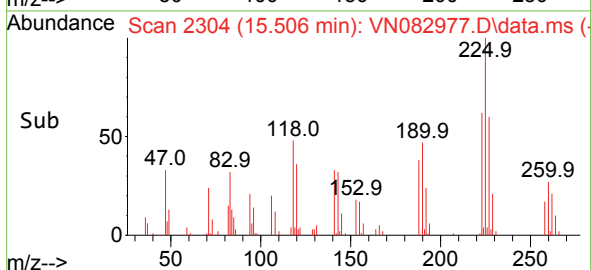
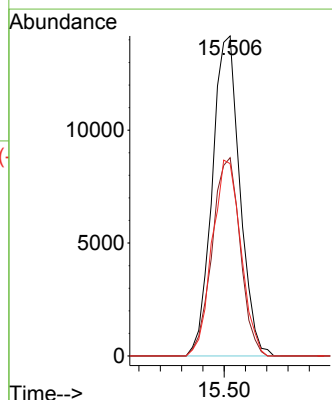
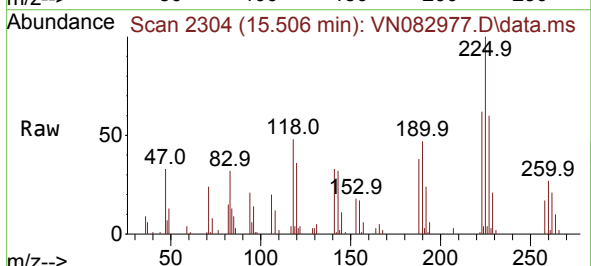
Tgt Ion:225 Resp: 25483

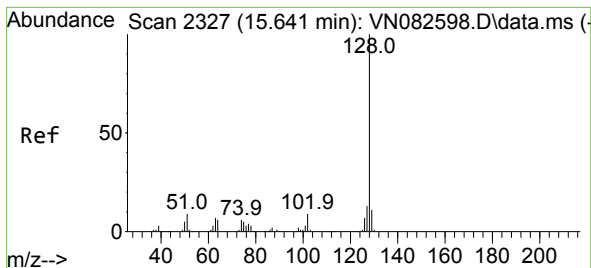
Ion Ratio Lower Upper

225 100

223 62.9 31.9 95.7

227 63.4 32.5 97.5





#95

Naphthalene

Concen: 46.544 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082977.D

Acq: 18 Jul 2024 16:45

Instrument :

MSVOA\_N

ClientSampleId :

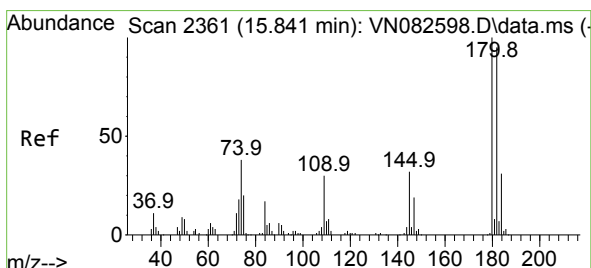
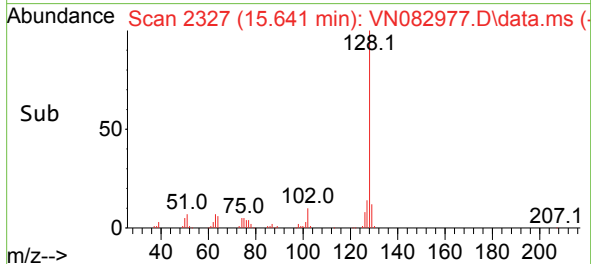
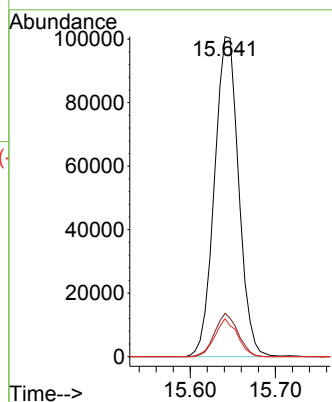
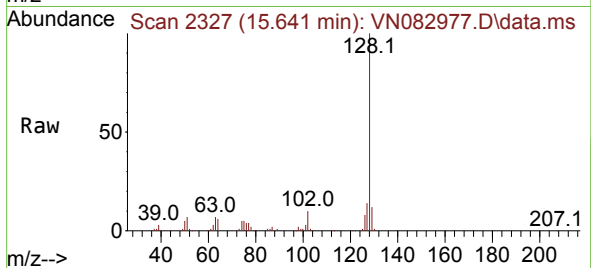
Tgt Ion:128 Resp: 199021

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 46.721 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082977.D

Acq: 18 Jul 2024 16:45

Tgt Ion:180 Resp: 59973

Ion Ratio Lower Upper

180 100

182 94.3 48.9 146.8

145 32.3 16.8 50.4

