

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN020224\  
 Data File : VN080884.D  
 Acq On : 02 Feb 2024 19:27  
 Operator : JC\MD  
 Sample : VN0202MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0202MBS01

Quant Time: Feb 02 23:56:25 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N012924W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jan 29 12:54:23 2024  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Pentafluorobenzene        | 8.230          | 168  | 94467               | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.106          | 114  | 195254              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.871         | 117  | 172184              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794         | 152  | 68581               | 50.000  | ug/l   | 0.00     |
|                              |                |      |                     |         |        |          |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.577          | 65   | 87479               | 53.528  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = 107.060% |         |        |          |
| 35) Dibromofluoromethane     | 8.165          | 113  | 61651               | 51.609  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 103.220% |         |        |          |
| 50) Toluene-d8               | 10.571         | 98   | 240701              | 51.482  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = 102.960% |         |        |          |
| 62) 4-Bromofluorobenzene     | 12.853         | 95   | 90283               | 55.413  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 110.820% |         |        |          |
|                              |                |      |                     |         |        |          |
| Target Compounds             |                |      |                     |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.124          | 85   | 29503               | 21.027  | ug/l   | 99       |
| 3) Chloromethane             | 2.360          | 50   | 42880               | 20.330  | ug/l # | 88       |
| 4) Vinyl Chloride            | 2.512          | 62   | 32184               | 20.071  | ug/l # | 87       |
| 5) Bromomethane              | 2.959          | 94   | 14170               | 22.093  | ug/l   | 96       |
| 6) Chloroethane              | 3.118          | 64   | 21280               | 24.892  | ug/l # | 88       |
| 7) Trichlorofluoromethane    | 3.495          | 101  | 44784               | 21.580  | ug/l   | 90       |
| 8) Diethyl Ether             | 3.959          | 74   | 21124               | 22.065  | ug/l   | 90       |
| 9) 1,1,2-Trichlorotrifluo... | 4.371          | 101  | 26006               | 21.490  | ug/l   | 96       |
| 10) Methyl Iodide            | 4.589          | 142  | 21304               | 20.854  | ug/l # | 85       |
| 11) Tert butyl alcohol       | 5.530          | 59   | 32111               | 120.536 | ug/l # | 90       |
| 12) 1,1-Dichloroethene       | 4.342          | 96   | 26892               | 20.281  | ug/l   | 95       |
| 13) Acrolein                 | 4.183          | 56   | 40784               | 121.401 | ug/l   | 99       |
| 14) Allyl chloride           | 5.024          | 41   | 61504               | 23.466  | ug/l   | 92       |
| 15) Acrylonitrile            | 5.718          | 53   | 97104               | 121.198 | ug/l   | 99       |
| 16) Acetone                  | 4.430          | 43   | 76029               | 128.276 | ug/l   | 91       |
| 17) Carbon Disulfide         | 4.706          | 76   | 72846               | 17.646  | ug/l   | 99       |
| 18) Methyl Acetate           | 5.024          | 43   | 54335               | 26.304  | ug/l   | 98       |
| 19) Methyl tert-butyl Ether  | 5.795          | 73   | 99613               | 21.320  | ug/l   | 96       |
| 20) Methylene Chloride       | 5.277          | 84   | 34393               | 22.106  | ug/l   | 95       |
| 21) trans-1,2-Dichloroethene | 5.789          | 96   | 28072               | 19.486  | ug/l # | 81       |
| 22) Diisopropyl ether        | 6.671          | 45   | 126254              | 21.832  | ug/l   | 98       |
| 23) Vinyl Acetate            | 6.600          | 43   | 490492              | 117.222 | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 6.559          | 63   | 64242               | 21.904  | ug/l   | 99       |
| 25) 2-Butanone               | 7.483          | 43   | 133664              | 118.730 | ug/l   | 95       |
| 26) 2,2-Dichloropropane      | 7.494          | 77   | 45695               | 19.277  | ug/l   | 95       |
| 27) cis-1,2-Dichloroethene   | 7.483          | 96   | 35491               | 21.283  | ug/l   | 99       |
| 28) Bromochloromethane       | 7.818          | 49   | 32197               | 20.735  | ug/l   | 98       |
| 29) Tetrahydrofuran          | 7.836          | 42   | 89604               | 117.626 | ug/l   | 99       |
| 30) Chloroform               | 7.971          | 83   | 57838               | 21.227  | ug/l   | 100      |
| 31) Cyclohexane              | 8.253          | 56   | 58019               | 20.703  | ug/l   | 98       |
| 32) 1,1,1-Trichloroethane    | 8.165          | 97   | 47402               | 21.453  | ug/l   | 100      |
| 36) 1,1-Dichloropropene      | 8.377          | 75   | 44641               | 20.106  | ug/l   | 97       |
| 37) Ethyl Acetate            | 7.559          | 43   | 54775               | 23.965  | ug/l   | 97       |
| 38) Carbon Tetrachloride     | 8.359          | 117  | 36788               | 20.564  | ug/l   | 96       |
| 39) Methylcyclohexane        | 9.600          | 83   | 42786               | 19.387  | ug/l   | 96       |
| 40) Benzene                  | 8.606          | 78   | 140104              | 21.470  | ug/l   | 98       |

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 Sample : VN0202MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0202MBS01

Quant Time: Feb 02 23:56:25 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N012924W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jan 29 12:54:23 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 30803    | 22.866  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 50481    | 23.745  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 91133    | 21.900  | ug/l   | 99       |
| 44) Trichloroethene           | 9.359  | 130  | 28535    | 19.853  | ug/l   | 92       |
| 45) 1,2-Dichloropropane       | 9.630  | 63   | 38540    | 21.823  | ug/l   | 96       |
| 46) Dibromomethane            | 9.712  | 93   | 21506    | 20.543  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.894  | 83   | 45357    | 21.340  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.683  | 41   | 41359    | 20.501  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 11420    | 469.946 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 278229   | 119.602 | ug/l   | 97       |
| 52) Toluene                   | 10.630 | 92   | 78342    | 20.938  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 49264    | 19.896  | ug/l   | 94       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 54899    | 20.389  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 32639    | 22.698  | ug/l   | 91       |
| 56) Ethyl methacrylate        | 10.877 | 69   | 53689    | 24.288  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 61529    | 22.736  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 131544   | 102.080 | ug/l   | 100      |
| 59) 2-Hexanone                | 11.194 | 43   | 204473   | 113.156 | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.359 | 129  | 28956    | 21.649  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.477 | 107  | 30779    | 22.839  | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.106 | 164  | 23207    | 20.506  | ug/l   | 91       |
| 65) Chlorobenzene             | 11.894 | 112  | 80060    | 21.304  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 26319    | 21.537  | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.965 | 91   | 146258   | 20.940  | ug/l   | 94       |
| 68) m/p-Xylenes               | 12.071 | 106  | 104765   | 42.236  | ug/l   | 98       |
| 69) o-Xylene                  | 12.400 | 106  | 50506    | 20.492  | ug/l   | 96       |
| 70) Styrene                   | 12.418 | 104  | 84589    | 21.370  | ug/l   | 100      |
| 71) Bromoform                 | 12.582 | 173  | 16896    | 20.449  | ug/l # | 95       |
| 73) Isopropylbenzene          | 12.700 | 105  | 130518   | 20.782  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 77938    | 19.988  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 48424    | 21.919  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 63101    | 30.507  | ug/l   | 64       |
| 77) Bromobenzene              | 12.982 | 156  | 28135    | 20.957  | ug/l   | 93       |
| 78) n-propylbenzene           | 13.035 | 91   | 168049   | 22.398  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 100749   | 21.127  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 103835   | 20.760  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 15972    | 19.893  | ug/l # | 85       |
| 82) 4-Chlorotoluene           | 13.224 | 91   | 90125    | 19.087  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 80377    | 20.123  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 100872   | 19.905  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.618 | 105  | 119849   | 20.353  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 90643    | 19.808  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 49655    | 20.678  | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 45191    | 18.771  | ug/l   | 94       |
| 89) n-Butylbenzene            | 14.059 | 91   | 85901    | 19.182  | ug/l   | 96       |
| 90) Hexachloroethane          | 14.335 | 117  | 15469    | 19.319  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 14.112 | 146  | 47525    | 21.623  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.718 | 75   | 8638     | 20.919  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 21243    | 18.779  | ug/l   | 95       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 9350     | 18.919  | ug/l   | 94       |
| 95) Naphthalene               | 15.641 | 128  | 85063    | 19.651  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.847 | 180  | 20981    | 18.869  | ug/l   | 89       |

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Acq On : 02 Feb 2024 19:27  
Operator : JC\MD  
Sample : VN0202MBSD01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 15 Sample Multiplier: 1

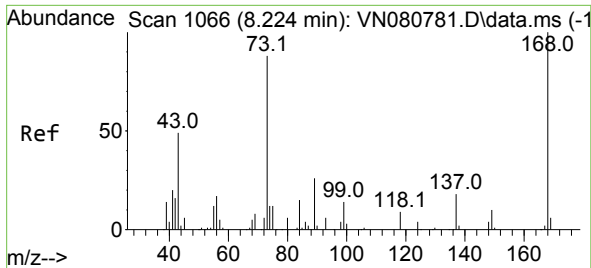
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202MBSD01

Quant Time: Feb 02 23:56:25 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N012924W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jan 29 12:54:23 2024  
Response via : Initial Calibration

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

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

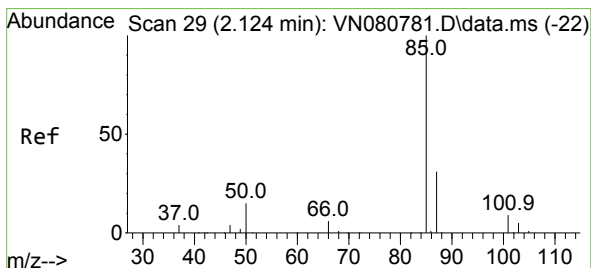
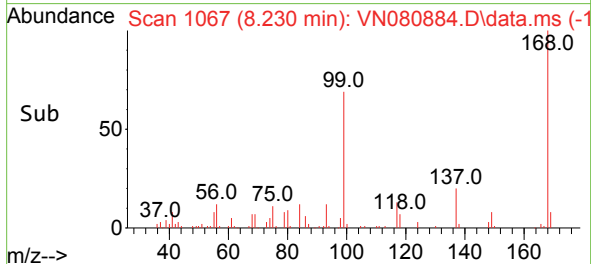
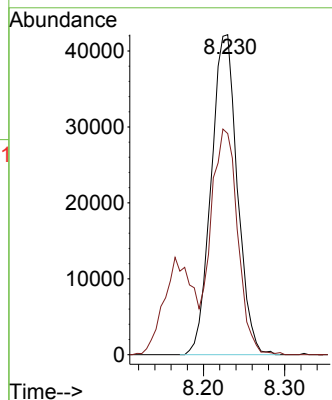
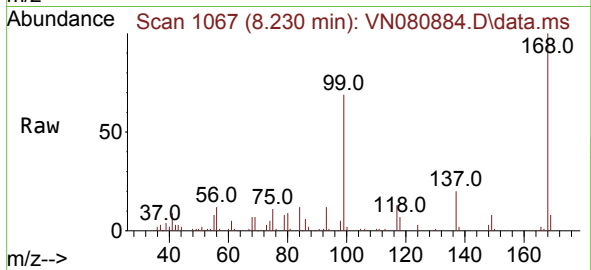




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

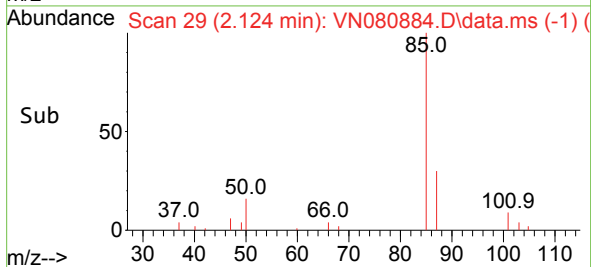
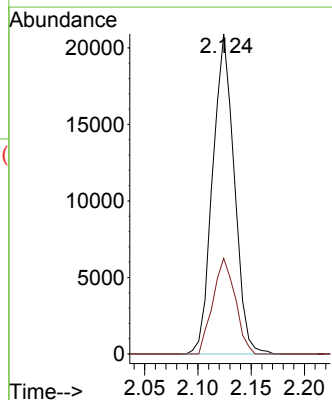
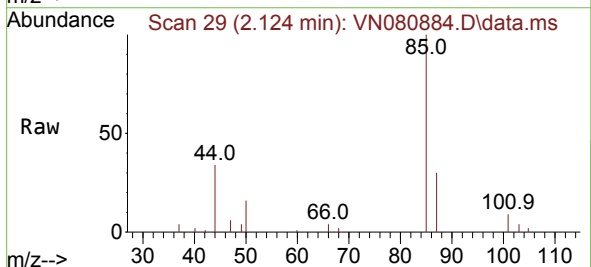
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202MBS01

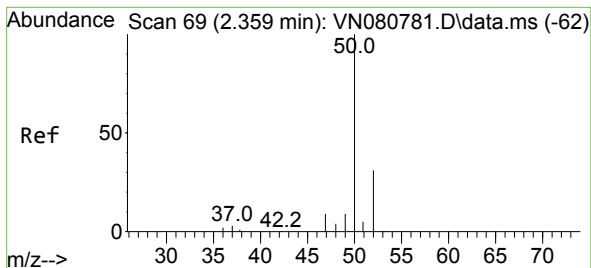
Tgt Ion:168 Resp: 94467  
Ion Ratio Lower Upper  
168 100  
99 68.5 59.9 89.9



#2  
Dichlorodifluoromethane  
Concen: 21.027 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. 0.000 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

Tgt Ion: 85 Resp: 29503  
Ion Ratio Lower Upper  
85 100  
87 29.8 15.3 45.9





#3

Chloromethane

Concen: 20.330 ug/l

RT: 2.360 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN080884.D

Acq: 02 Feb 2024 19:27

Instrument :

MSVOA\_N

ClientSampleId :

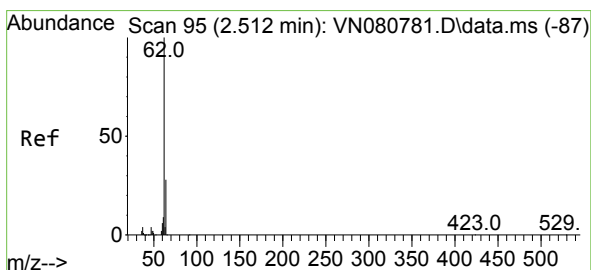
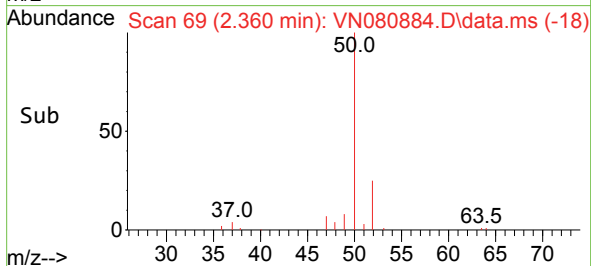
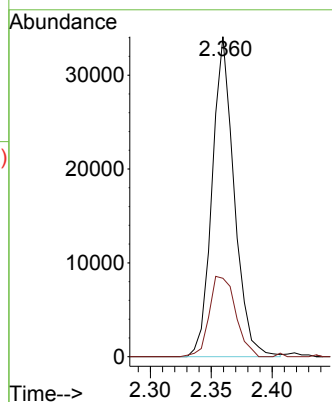
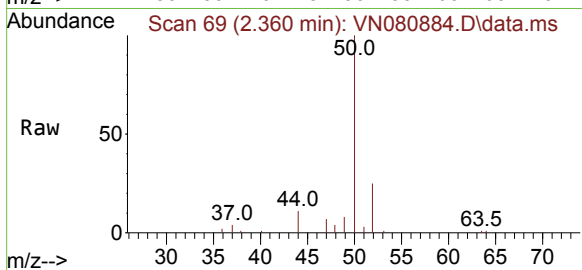
VN0202MBSD01

Tgt Ion: 50 Resp: 42880

Ion Ratio Lower Upper

50 100

52 24.5 25.0 37.4#



#4

Vinyl Chloride

Concen: 20.071 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN080884.D

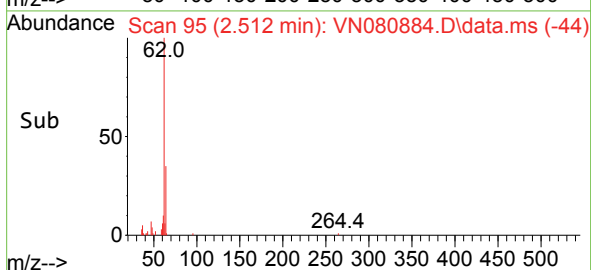
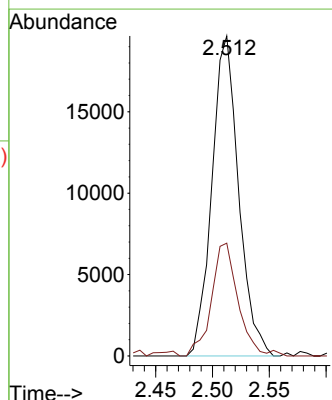
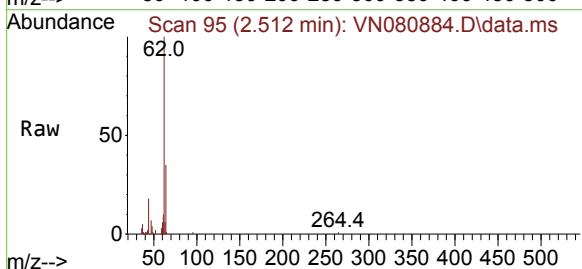
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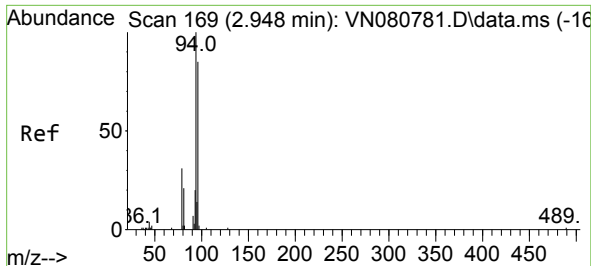
Tgt Ion: 62 Resp: 32184

Ion Ratio Lower Upper

62 100

64 35.3 22.7 34.1#

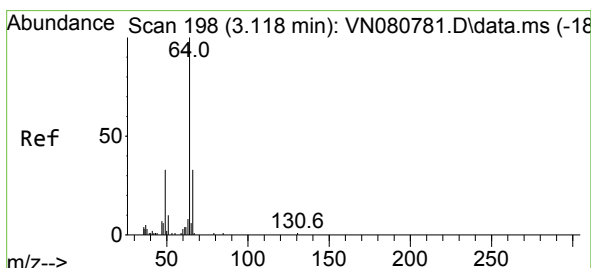
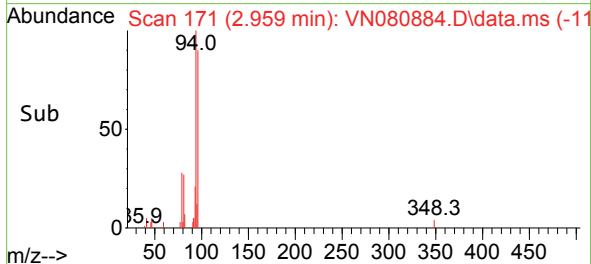
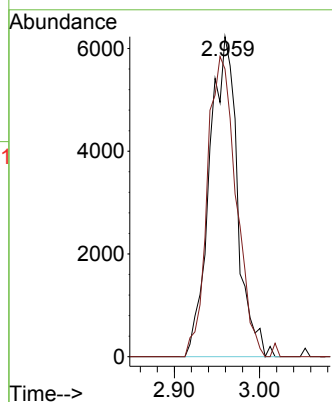
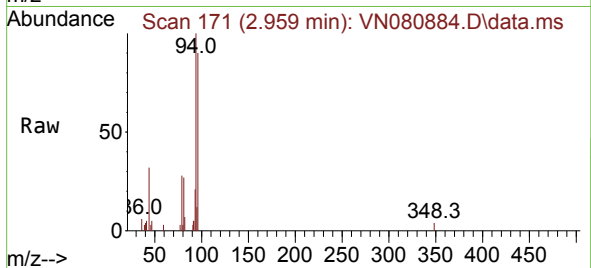




#5  
Bromomethane  
Concen: 22.093 ug/l  
RT: 2.959 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

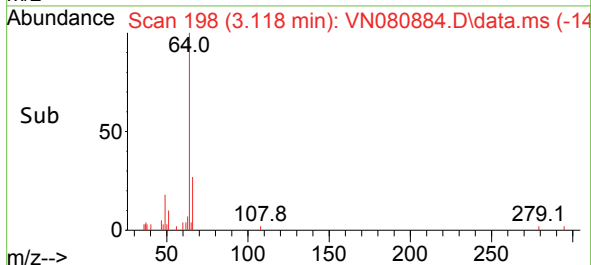
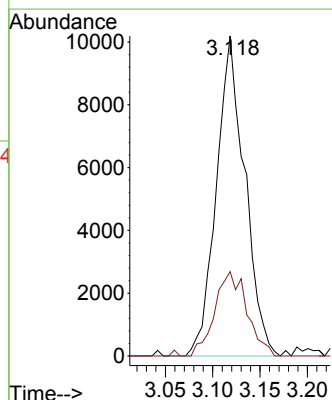
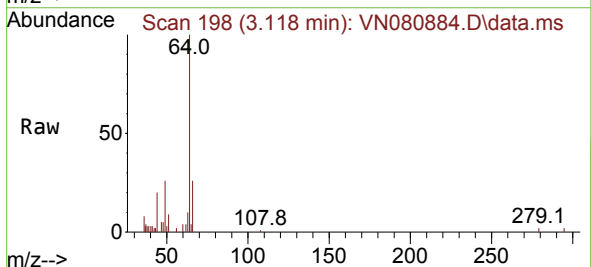
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202MBSD01

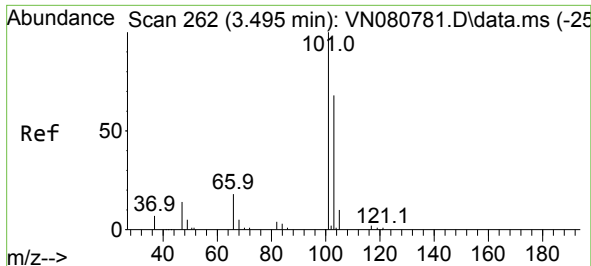
Tgt Ion: 94 Resp: 14170  
Ion Ratio Lower Upper  
94 100  
96 89.9 69.2 103.8



#6  
Chloroethane  
Concen: 24.892 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. 0.000 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

Tgt Ion: 64 Resp: 21280  
Ion Ratio Lower Upper  
64 100  
66 26.3 26.4 39.6#

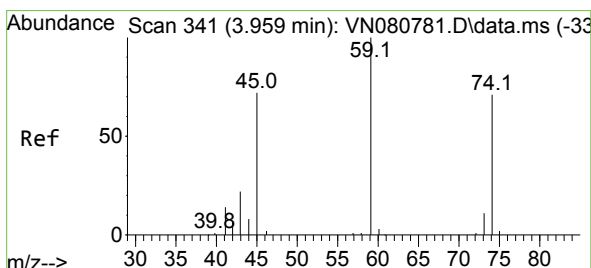
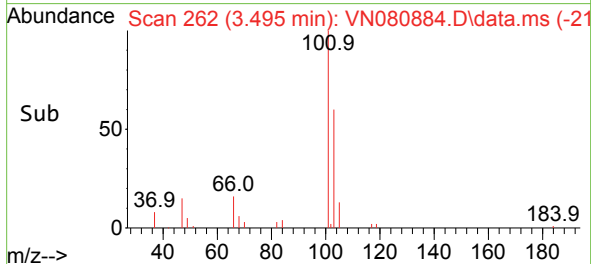
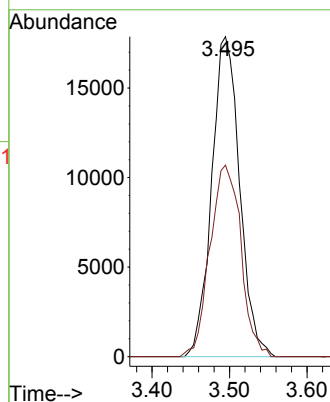
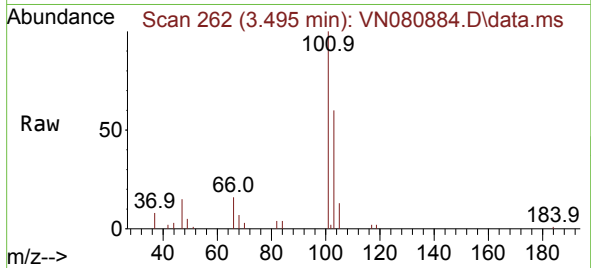




#7  
 Trichlorofluoromethane  
 Concen: 21.580 ug/l  
 RT: 3.495 min Scan# 262  
 Delta R.T. 0.000 min  
 Lab File: VN080884.D  
 Acq: 02 Feb 2024 19:27

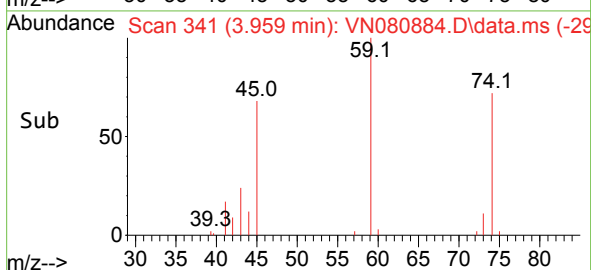
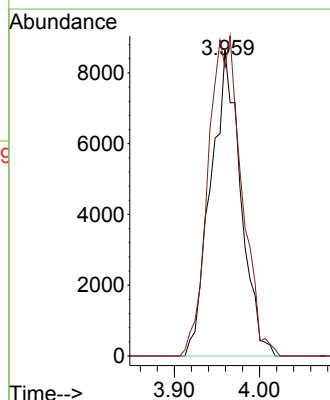
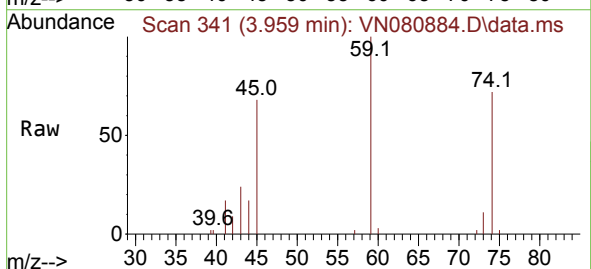
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0202MBSD01

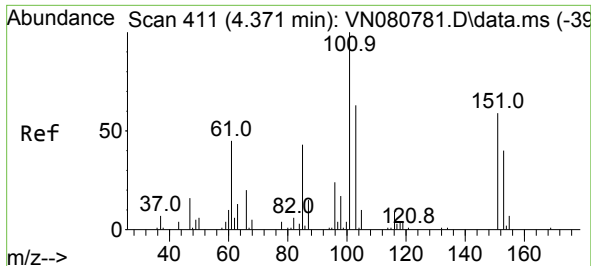
Tgt Ion:101 Resp: 44784  
 Ion Ratio Lower Upper  
 101 100  
 103 59.8 54.4 81.6



#8  
 Diethyl Ether  
 Concen: 22.065 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. 0.000 min  
 Lab File: VN080884.D  
 Acq: 02 Feb 2024 19:27

Tgt Ion: 74 Resp: 21124  
 Ion Ratio Lower Upper  
 74 100  
 45 117.3 53.3 159.9

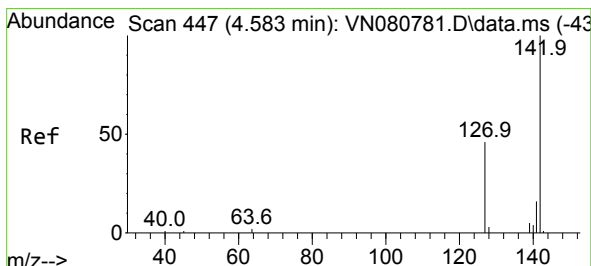
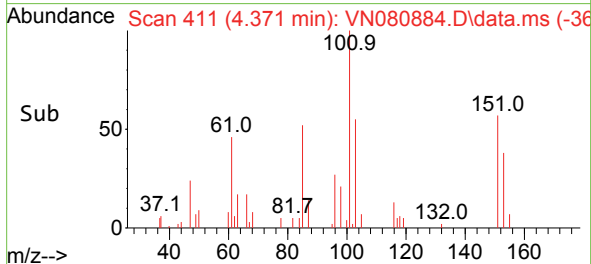
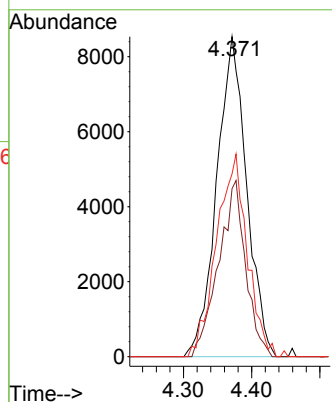
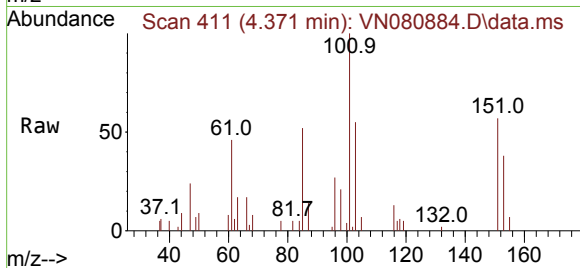




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 21.490 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. 0.000 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

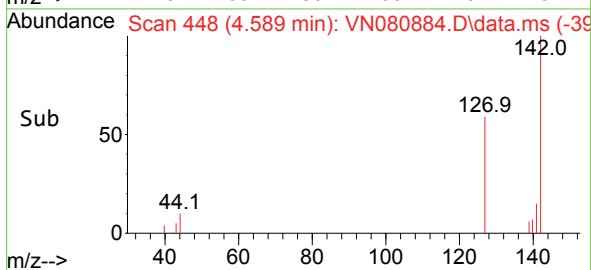
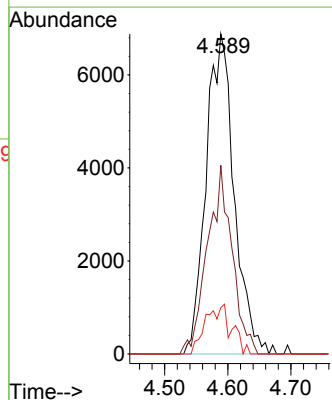
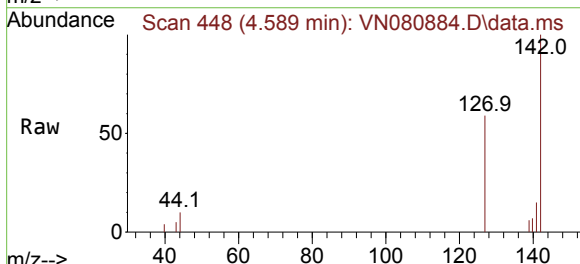
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202MBSD01

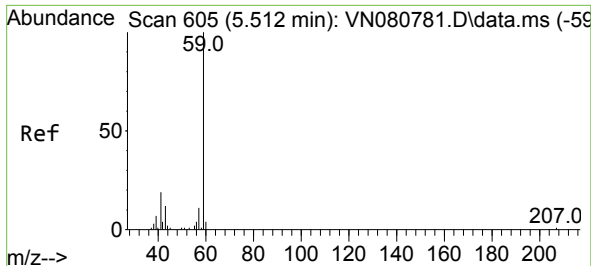
Tgt Ion:101 Resp: 26006  
Ion Ratio Lower Upper  
101 100  
85 50.0 38.1 57.1  
151 64.9 49.1 73.7



#10  
Methyl Iodide  
Concen: 20.854 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. 0.006 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

Tgt Ion:142 Resp: 21304  
Ion Ratio Lower Upper  
142 100  
127 58.9 37.0 55.4#  
141 14.5 12.5 18.7

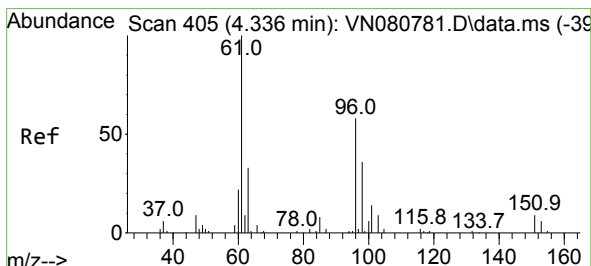
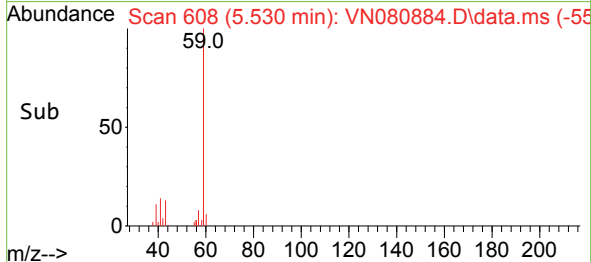
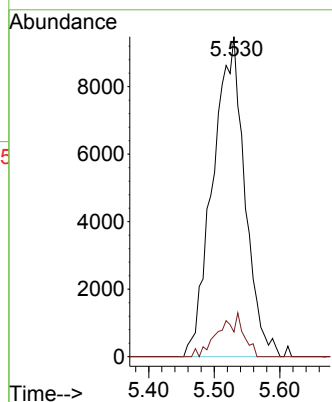
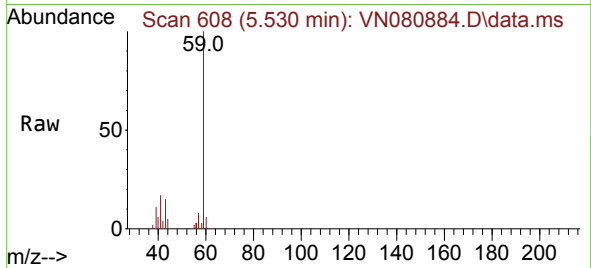




#11  
Tert butyl alcohol  
Concen: 120.536 ug/l  
RT: 5.530 min Scan# 605  
Delta R.T. 0.018 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

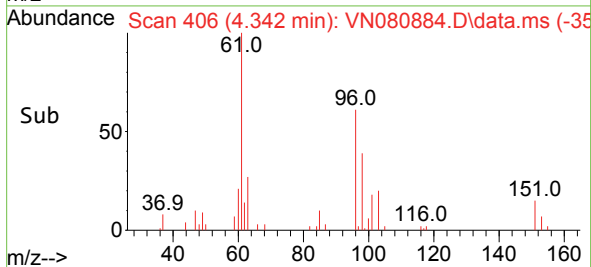
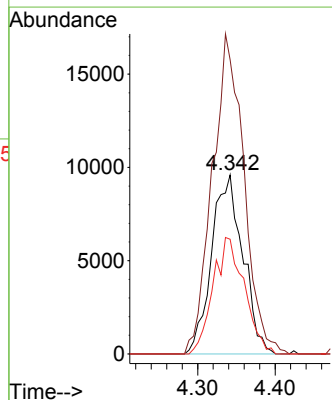
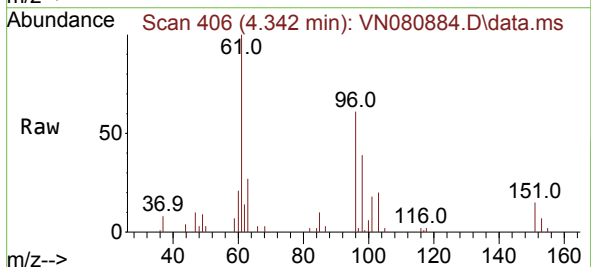
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202MBS01

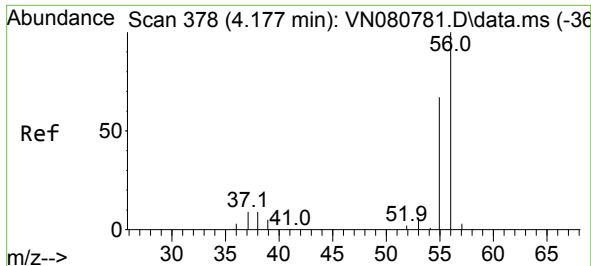
Tgt Ion: 59 Resp: 32111  
Ion Ratio Lower Upper  
59 100  
57 6.8 8.6 12.8#



#12  
1,1-Dichloroethene  
Concen: 20.281 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. 0.006 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

Tgt Ion: 96 Resp: 26892  
Ion Ratio Lower Upper  
96 100  
61 164.4 138.2 207.4  
98 64.0 49.2 73.8

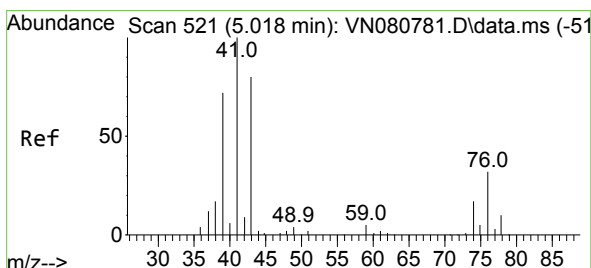
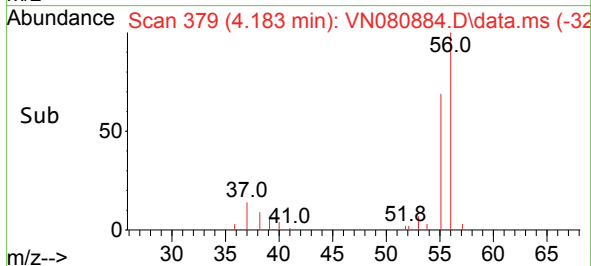
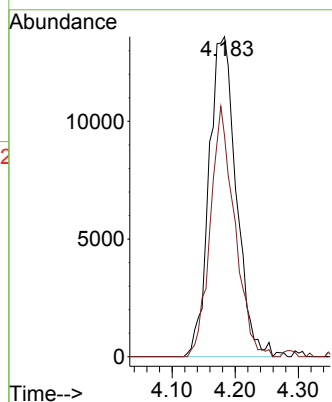
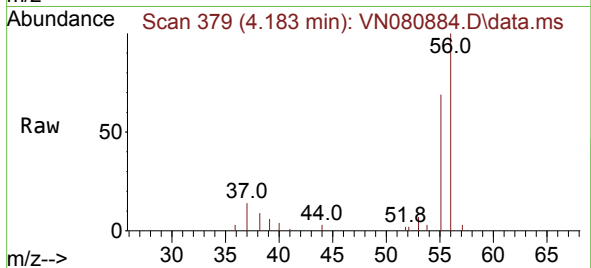




#13  
Acrolein  
Concen: 121.401 ug/l  
RT: 4.183 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

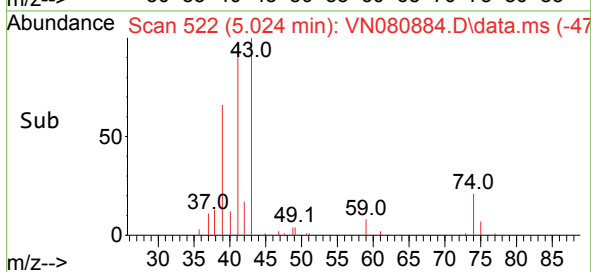
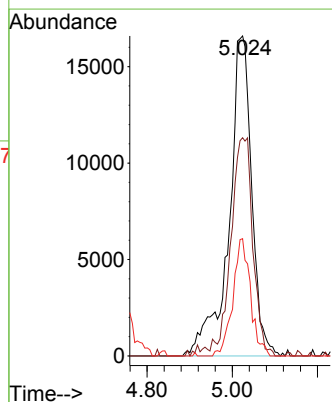
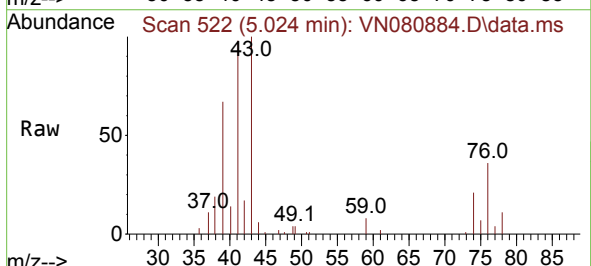
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202MBS01

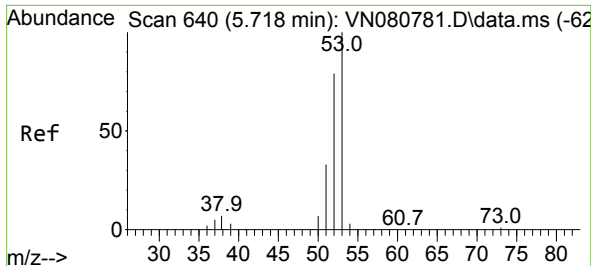
Tgt Ion: 56 Resp: 40784  
Ion Ratio Lower Upper  
56 100  
55 70.0 55.3 82.9



#14  
Allyl chloride  
Concen: 23.466 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

Tgt Ion: 41 Resp: 61504  
Ion Ratio Lower Upper  
41 100  
39 65.4 57.7 86.5  
76 28.5 26.8 40.2

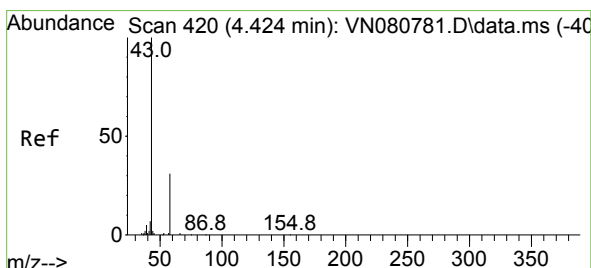
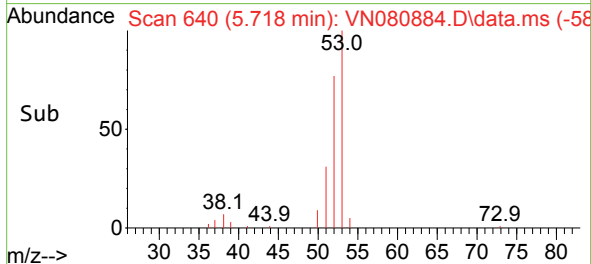
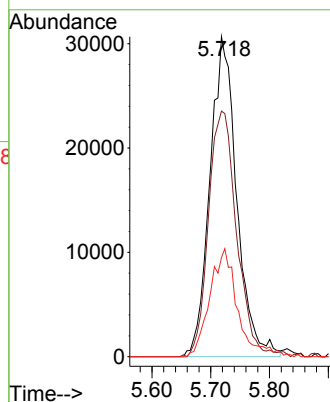
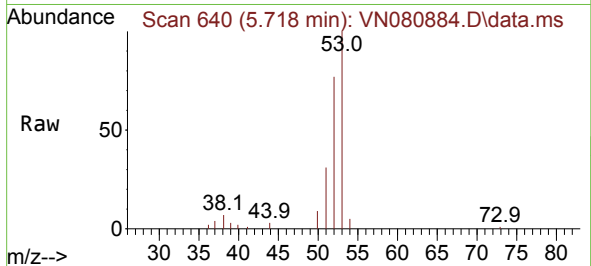




#15  
Acrylonitrile  
Concen: 121.198 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. 0.000 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

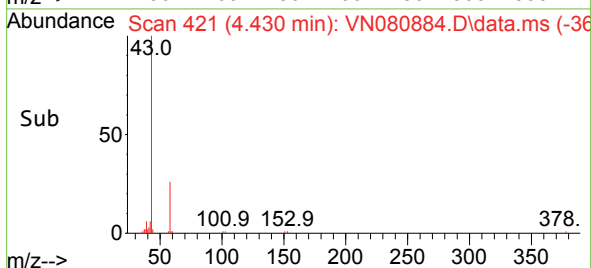
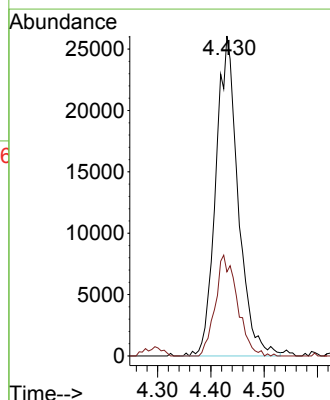
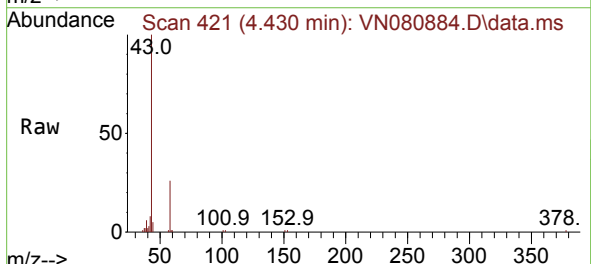
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202MBSD01

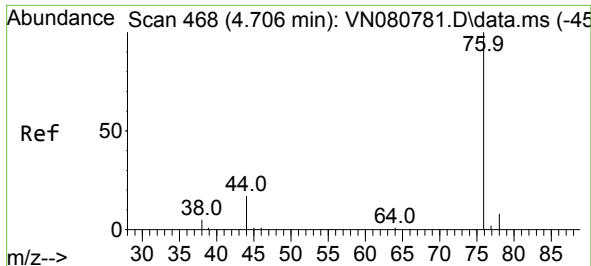
Tgt Ion: 53 Resp: 97104  
Ion Ratio Lower Upper  
53 100  
52 80.8 64.8 97.2  
51 35.0 26.9 40.3



#16  
Acetone  
Concen: 128.276 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. 0.006 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

Tgt Ion: 43 Resp: 76029  
Ion Ratio Lower Upper  
43 100  
58 26.3 24.8 37.2

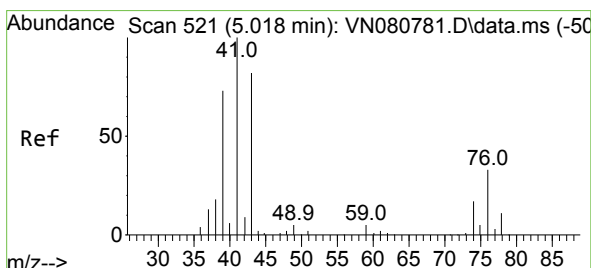
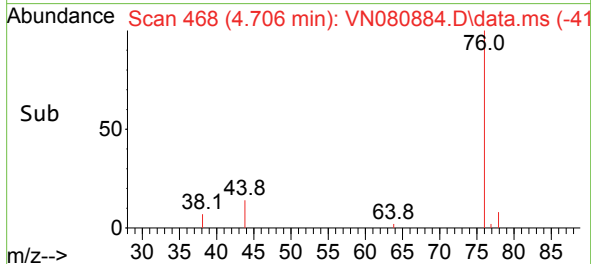
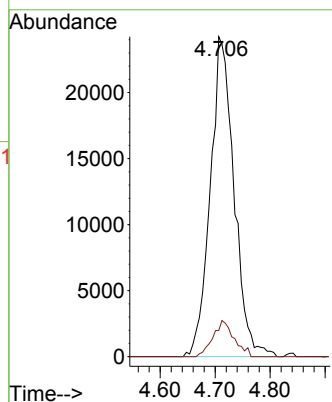
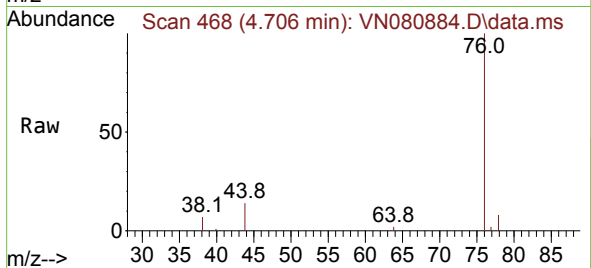




#17  
Carbon Disulfide  
Concen: 17.646 ug/l  
RT: 4.706 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

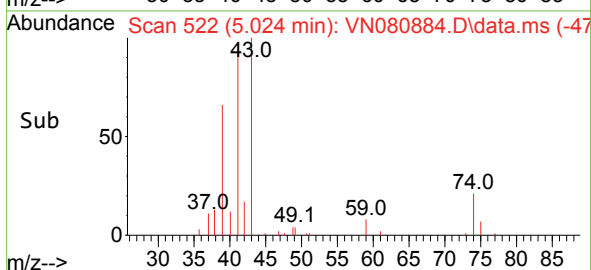
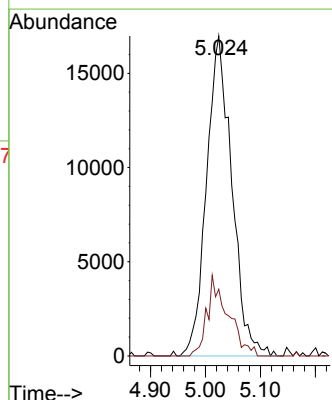
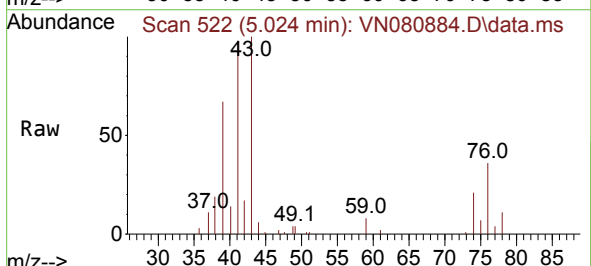
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202MBSD01

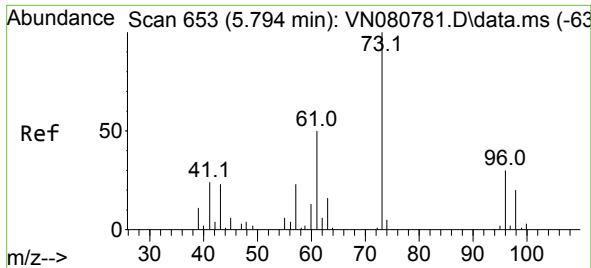
Tgt Ion: 76 Resp: 72846  
Ion Ratio Lower Upper  
76 100  
78 8.2 6.3 9.5



#18  
Methyl Acetate  
Concen: 26.304 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

Tgt Ion: 43 Resp: 54335  
Ion Ratio Lower Upper  
43 100  
74 20.8 17.3 25.9

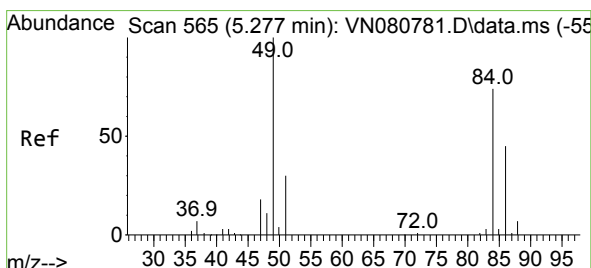
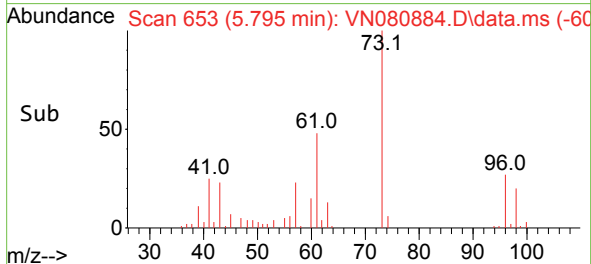
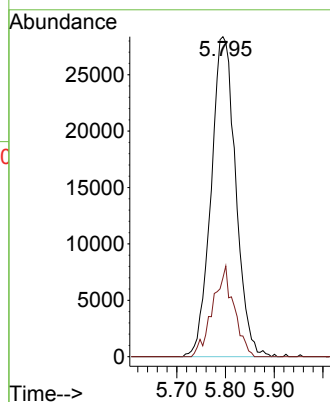
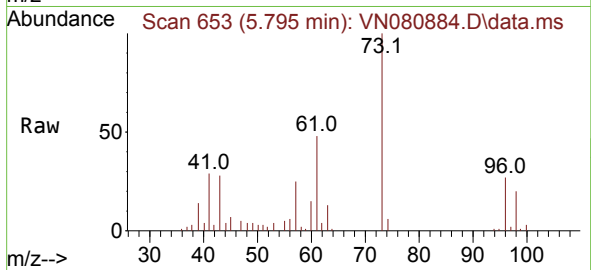




#19  
Methyl tert-butyl Ether  
Concen: 21.320 ug/l  
RT: 5.795 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

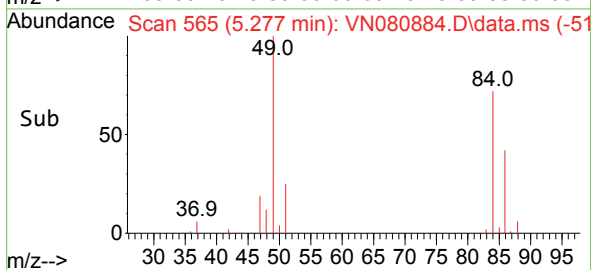
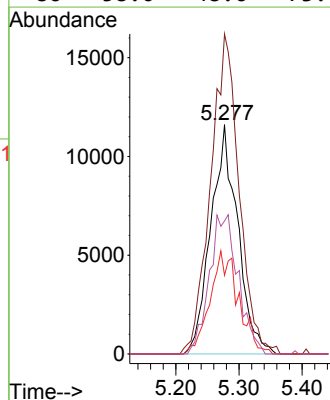
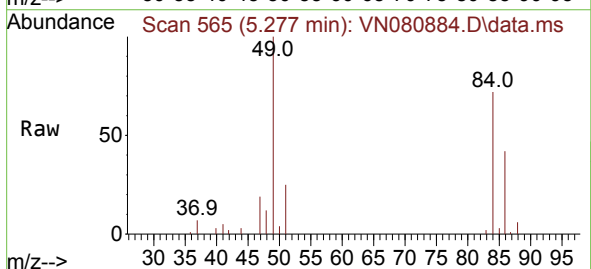
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202MBS01

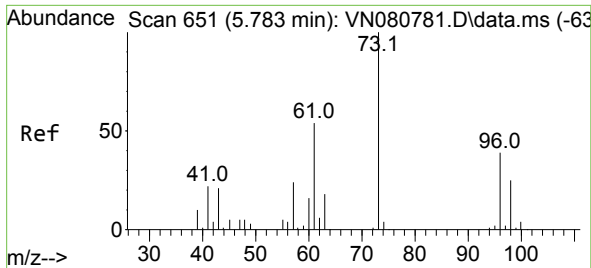
Tgt Ion: 73 Resp: 99613  
Ion Ratio Lower Upper  
73 100  
57 24.6 18.2 27.4



#20  
Methylene Chloride  
Concen: 22.106 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. 0.000 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

Tgt Ion: 84 Resp: 34393  
Ion Ratio Lower Upper  
84 100  
49 139.6 108.1 162.1  
51 34.4 32.9 49.3  
86 58.0 48.6 73.0

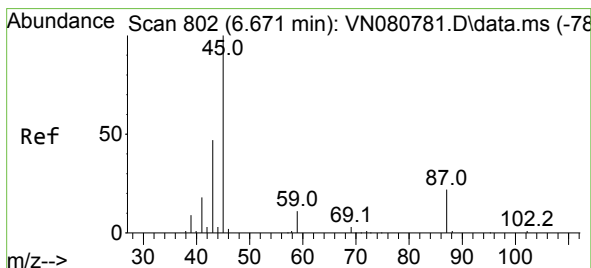
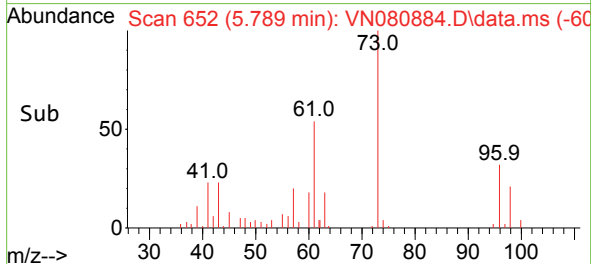
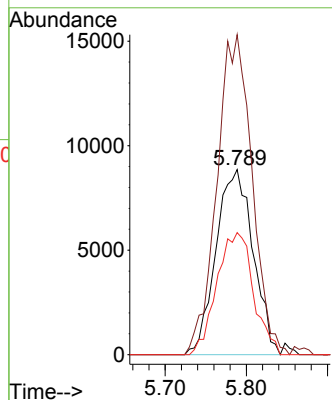
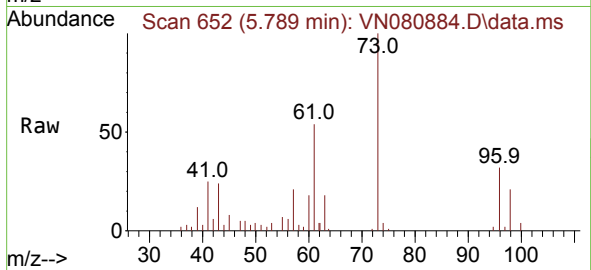




#21  
trans-1,2-Dichloroethene  
Concen: 19.486 ug/l  
RT: 5.789 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

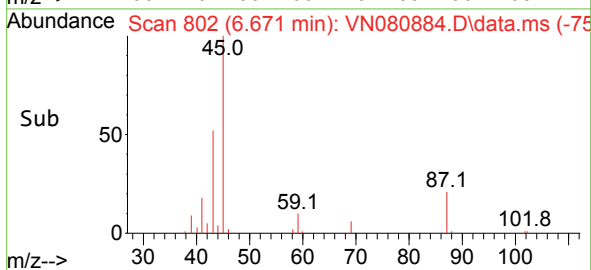
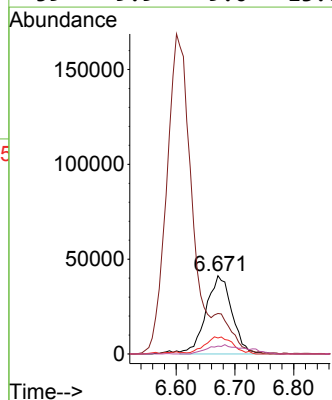
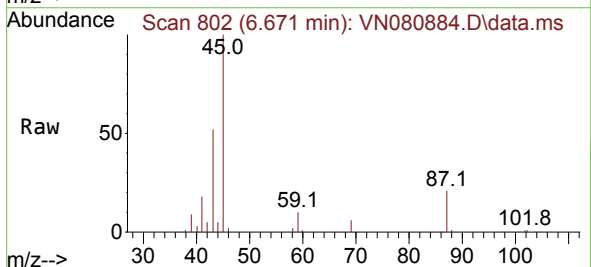
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202MBSD01

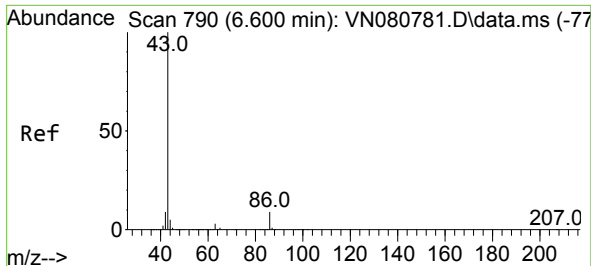
Tgt Ion: 96 Resp: 28072  
Ion Ratio Lower Upper  
96 100  
61 172.8 112.8 169.2#  
98 66.0 51.0 76.4



#22  
Diisopropyl ether  
Concen: 21.832 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. 0.000 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

Tgt Ion: 45 Resp: 126254  
Ion Ratio Lower Upper  
45 100  
43 51.7 41.8 62.8  
87 20.6 18.1 27.1  
59 9.9 9.0 13.6

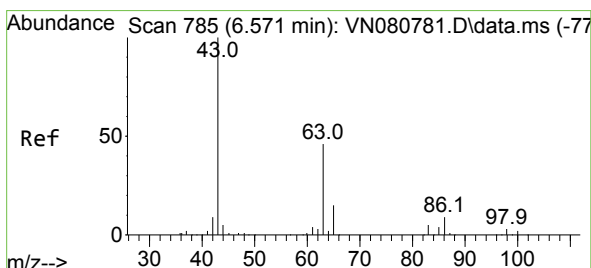
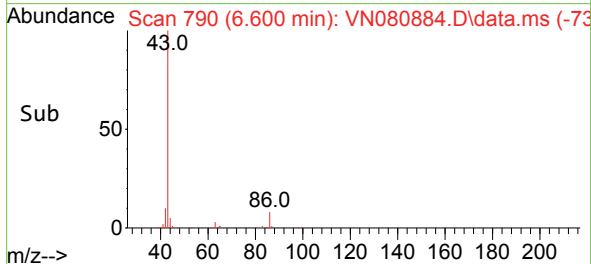
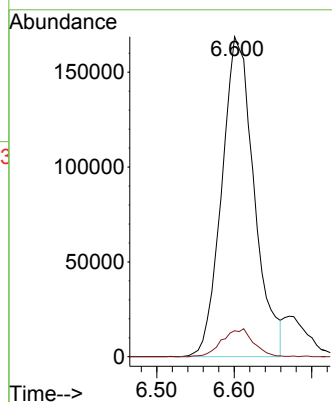
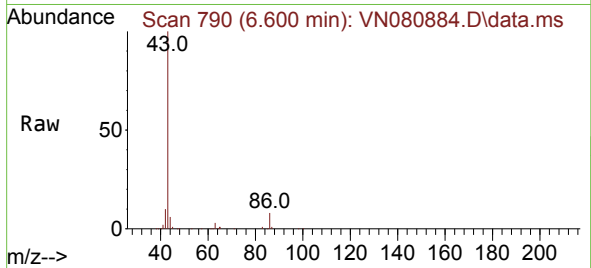




#23  
 Vinyl Acetate  
 Concen: 117.222 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. 0.000 min  
 Lab File: VN080884.D  
 Acq: 02 Feb 2024 19:27

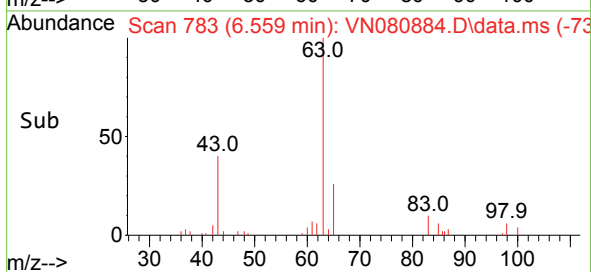
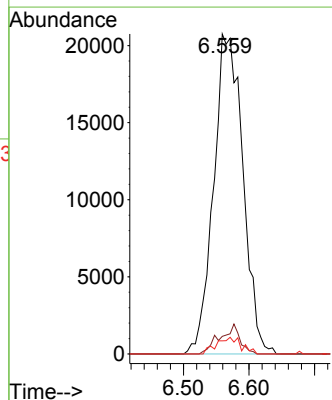
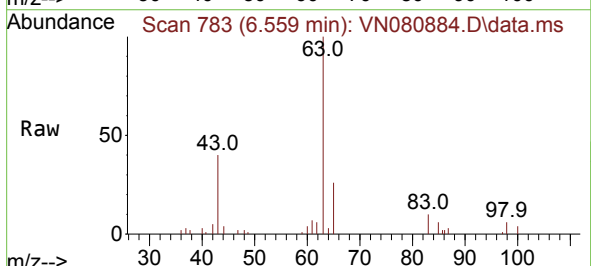
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0202MBSD01

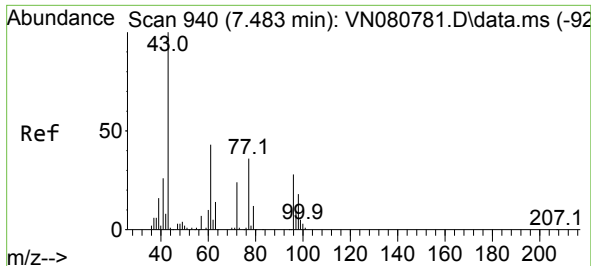
Tgt Ion: 43 Resp: 490492  
 Ion Ratio Lower Upper  
 43 100  
 86 8.1 7.1 10.7



#24  
 1,1-Dichloroethane  
 Concen: 21.904 ug/l  
 RT: 6.559 min Scan# 783  
 Delta R.T. -0.012 min  
 Lab File: VN080884.D  
 Acq: 02 Feb 2024 19:27

Tgt Ion: 63 Resp: 64242  
 Ion Ratio Lower Upper  
 63 100  
 98 5.5 2.9 8.6  
 100 4.1 1.9 5.7

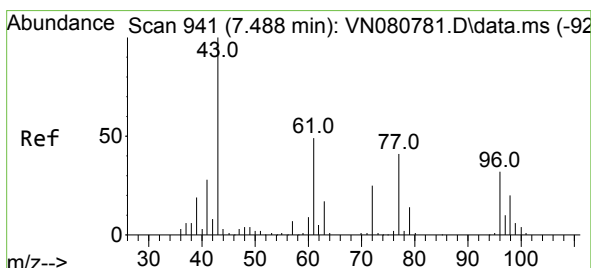
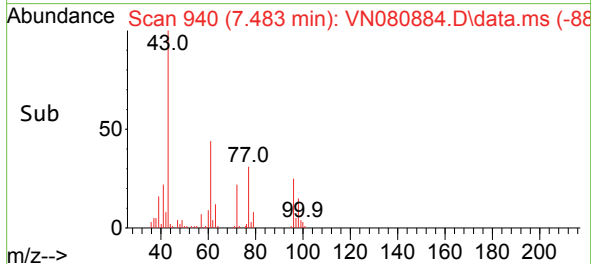
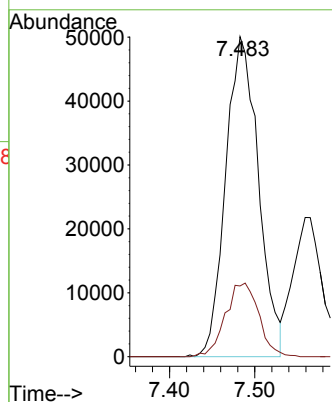
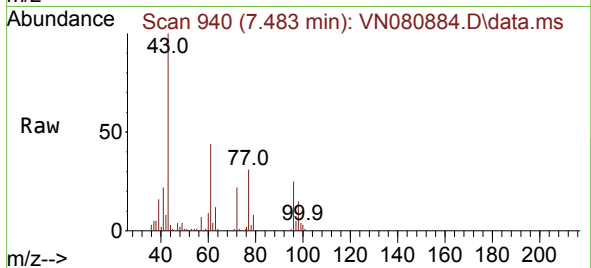




#25  
2-Butanone  
Concen: 118.730 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. 0.000 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

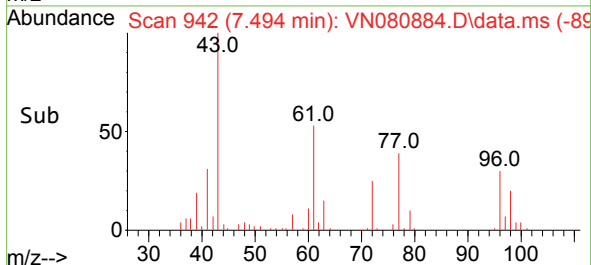
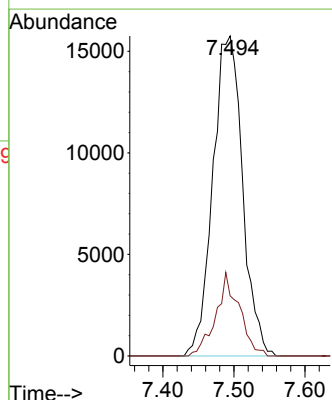
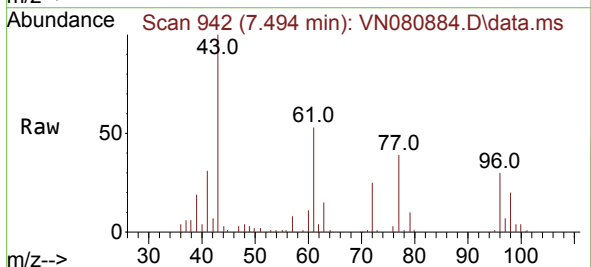
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202MBS01

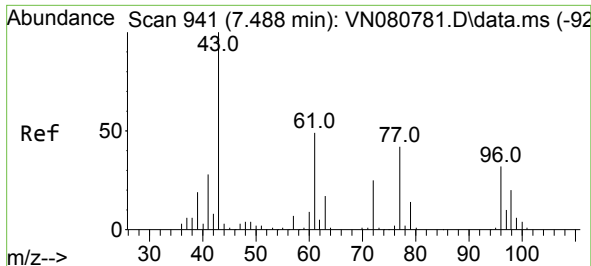
Tgt Ion: 43 Resp: 133664  
Ion Ratio Lower Upper  
43 100  
72 22.1 19.5 29.3



#26  
2,2-Dichloropropane  
Concen: 19.277 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. 0.006 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

Tgt Ion: 77 Resp: 45695  
Ion Ratio Lower Upper  
77 100  
97 20.6 11.5 34.5

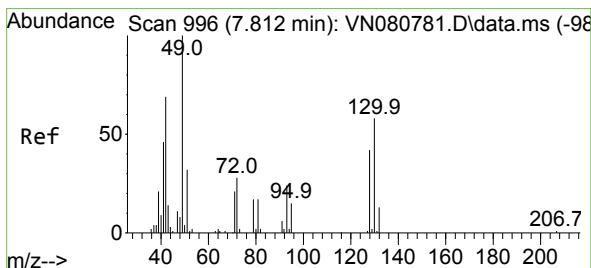
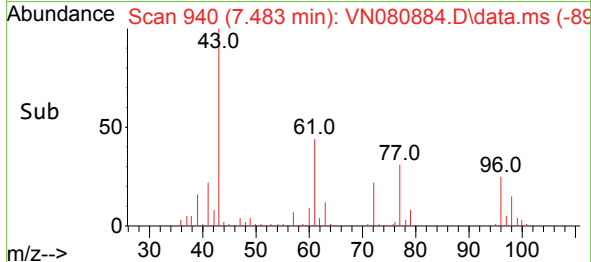
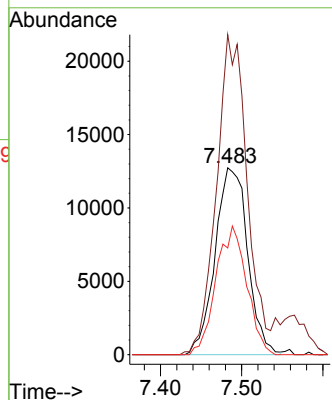
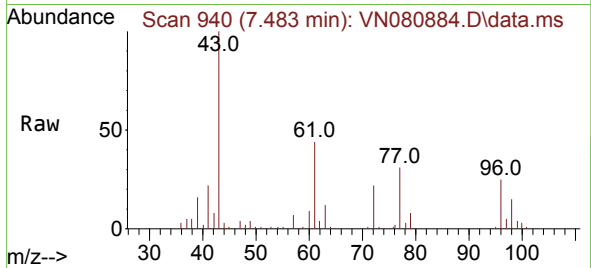




#27  
 cis-1,2-Dichloroethene  
 Concen: 21.283 ug/l  
 RT: 7.483 min Scan# 941  
 Delta R.T. -0.006 min  
 Lab File: VN080884.D  
 Acq: 02 Feb 2024 19:27

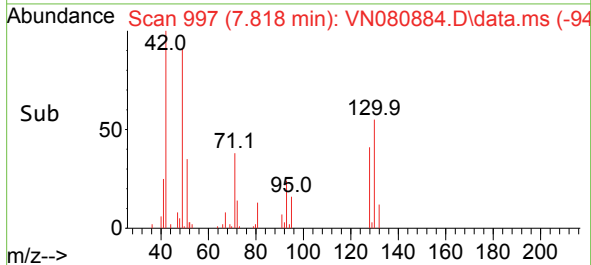
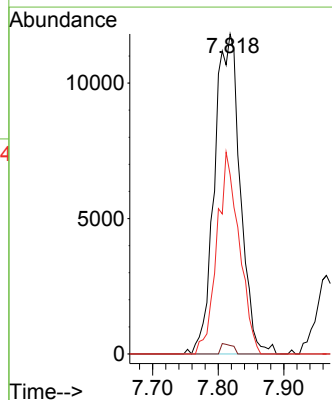
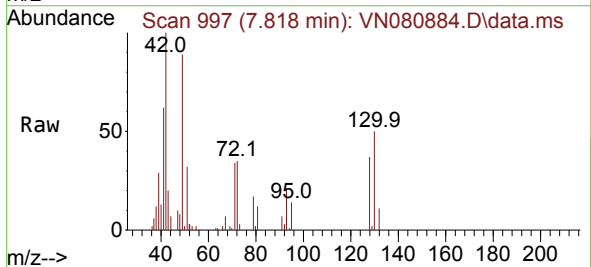
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0202MBSD01

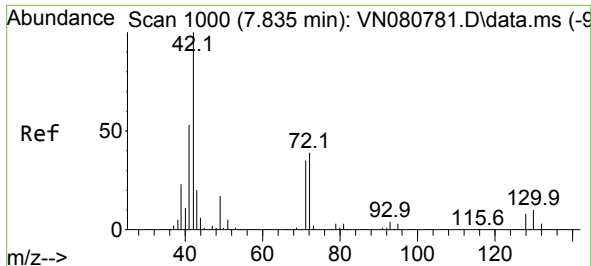
Tgt Ion: 96 Resp: 35491  
 Ion Ratio Lower Upper  
 96 100  
 61 161.6 0.0 325.4  
 98 65.0 0.0 130.4



#28  
 Bromochloromethane  
 Concen: 20.735 ug/l  
 RT: 7.818 min Scan# 997  
 Delta R.T. 0.006 min  
 Lab File: VN080884.D  
 Acq: 02 Feb 2024 19:27

Tgt Ion: 49 Resp: 32197  
 Ion Ratio Lower Upper  
 49 100  
 129 1.5 0.0 1.6  
 130 54.5 42.3 63.5





#29

Tetrahydrofuran

Concen: 117.626 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080884.D

Acq: 02 Feb 2024 19:27

Instrument :

MSVOA\_N

ClientSampleId :

VN0202MBSD01

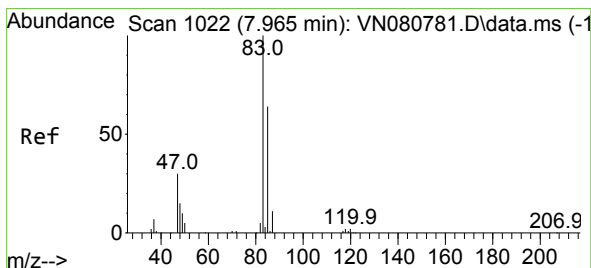
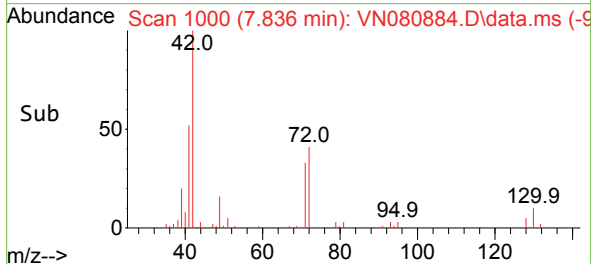
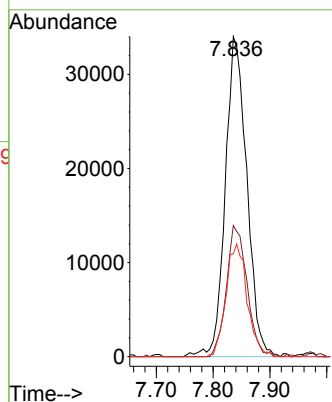
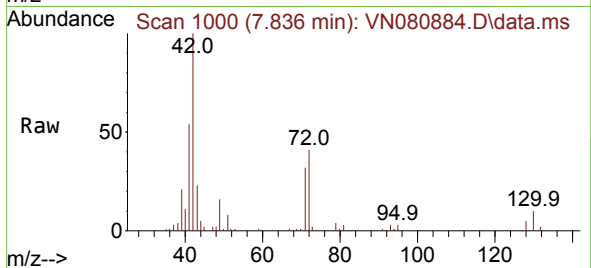
Tgt Ion: 42 Resp: 89604

Ion Ratio Lower Upper

42 100

72 39.3 31.1 46.7

71 34.7 28.3 42.5



#30

Chloroform

Concen: 21.227 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN080884.D

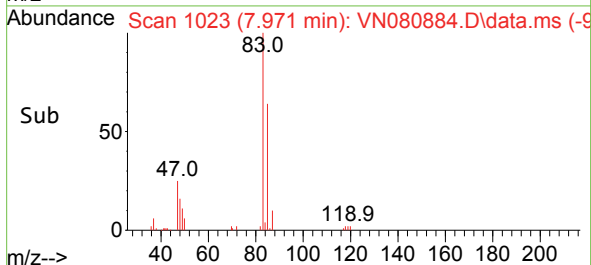
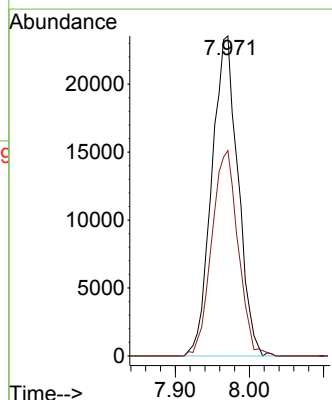
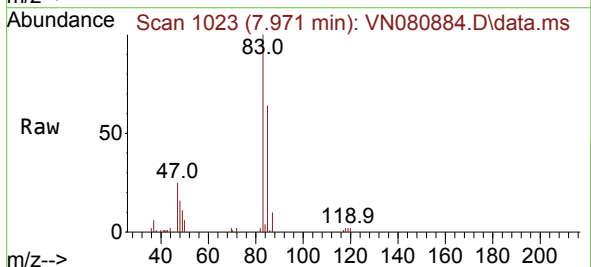
Acq: 02 Feb 2024 19:27

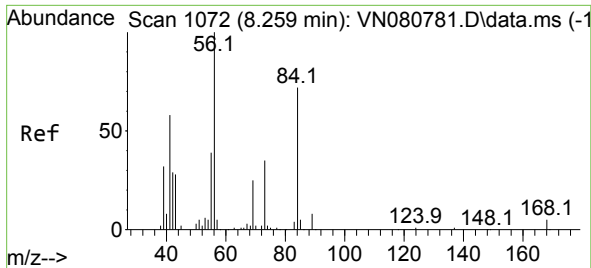
Tgt Ion: 83 Resp: 57838

Ion Ratio Lower Upper

83 100

85 64.1 51.0 76.6

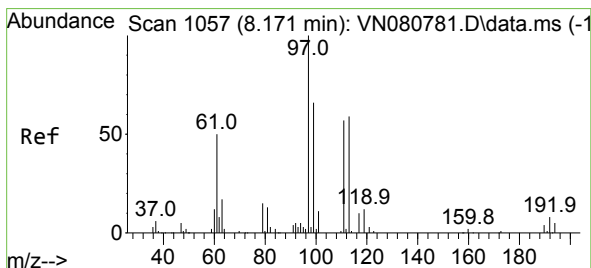
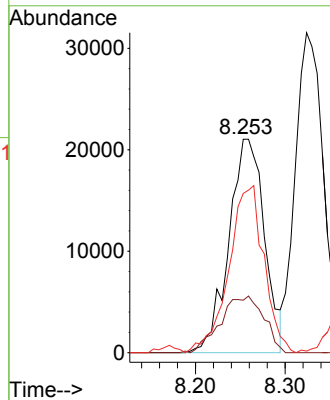
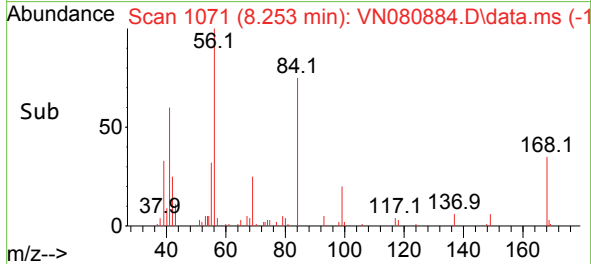
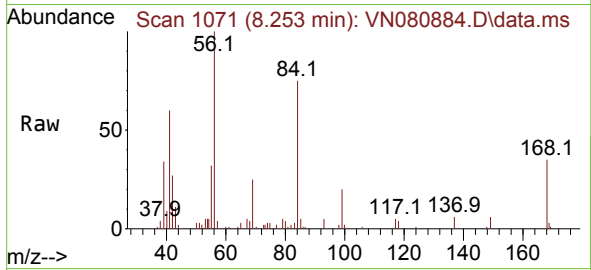




#31  
Cyclohexane  
Concen: 20.703 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. -0.006 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

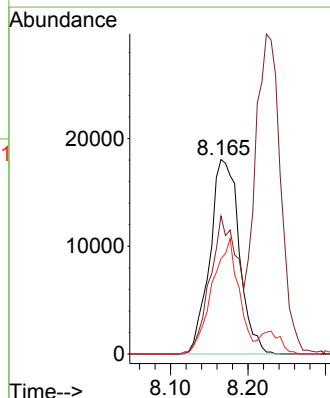
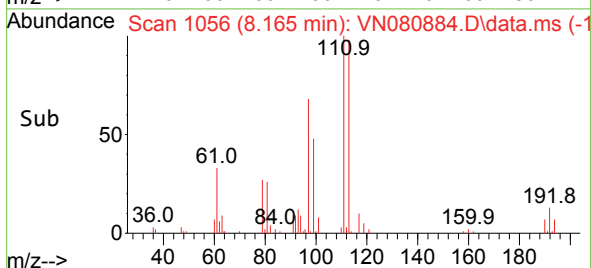
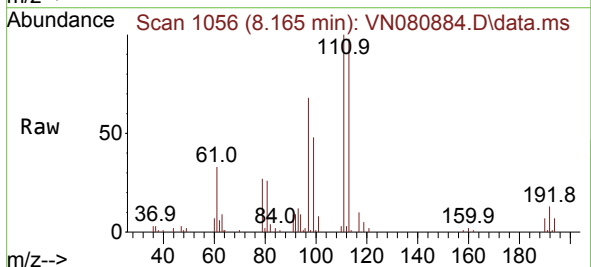
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202MBSD01

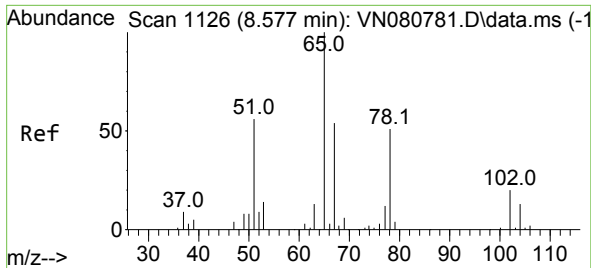
Tgt Ion: 56 Resp: 58019  
Ion Ratio Lower Upper  
56 100  
69 24.6 20.1 30.1  
84 73.1 56.9 85.3



#32  
1,1,1-Trichloroethane  
Concen: 21.453 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.006 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

Tgt Ion: 97 Resp: 47402  
Ion Ratio Lower Upper  
97 100  
99 66.5 53.4 80.0  
61 54.3 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 53.528 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080884.D

Acq: 02 Feb 2024 19:27

Instrument :

MSVOA\_N

ClientSampleId :

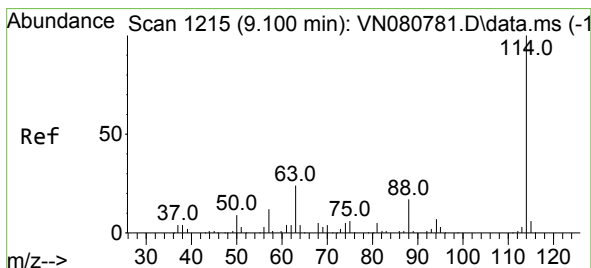
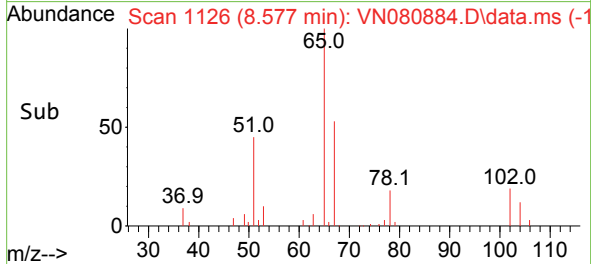
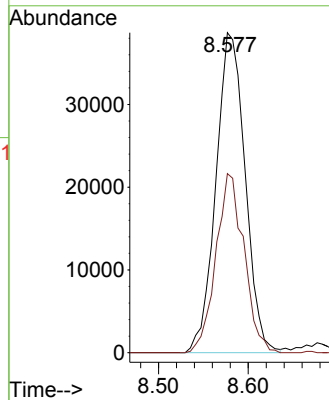
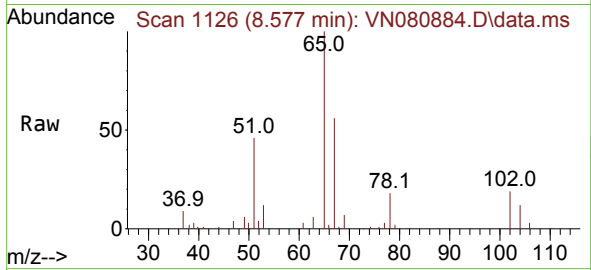
VN0202MBS01

Tgt Ion: 65 Resp: 87479

Ion Ratio Lower Upper

65 100

67 53.7 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN080884.D

Acq: 02 Feb 2024 19:27

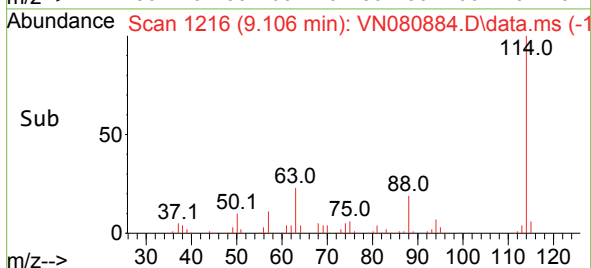
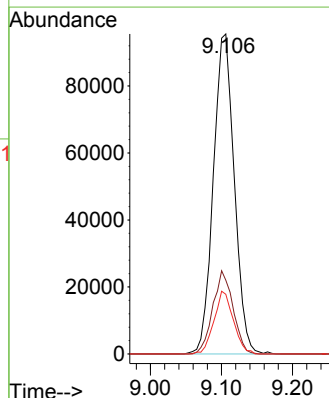
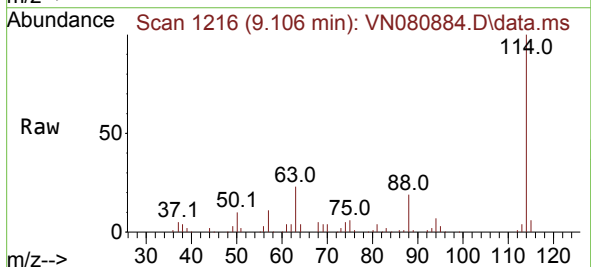
Tgt Ion: 114 Resp: 195254

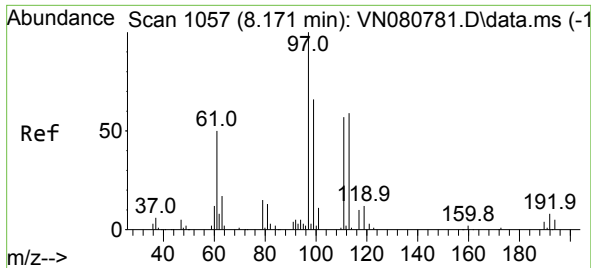
Ion Ratio Lower Upper

114 100

63 23.1 0.0 48.0

88 18.7 0.0 34.8

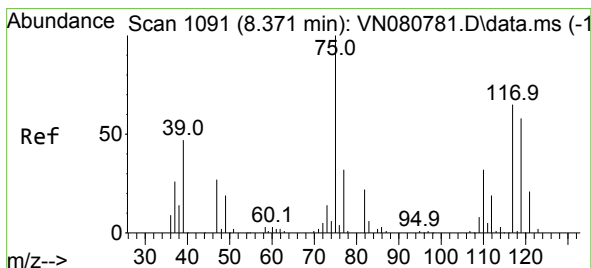
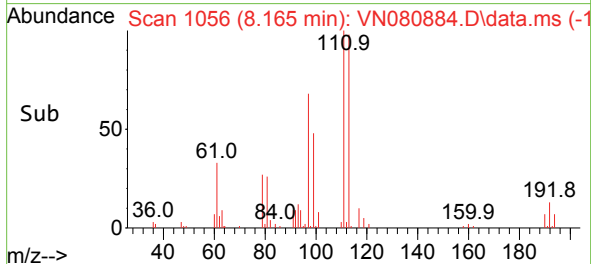
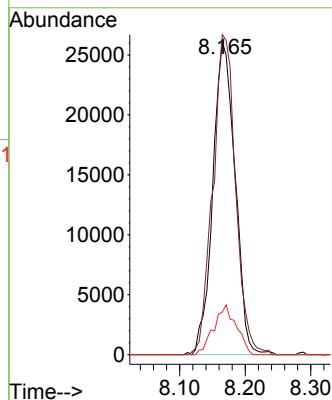
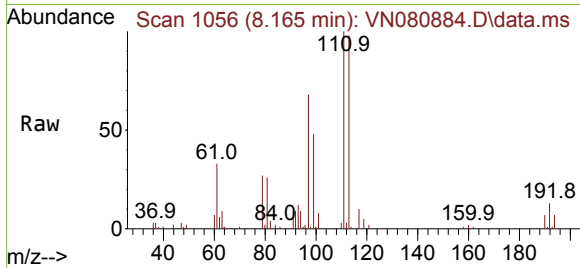




#35  
Dibromofluoromethane  
Concen: 51.609 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.006 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

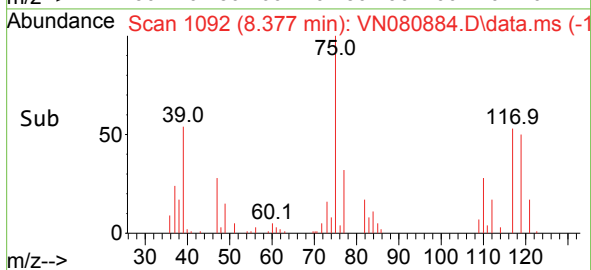
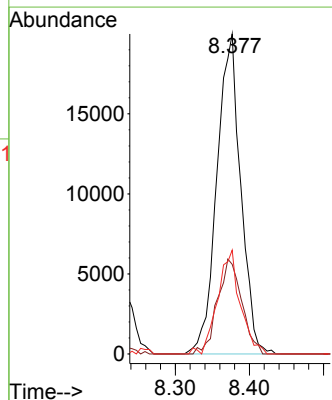
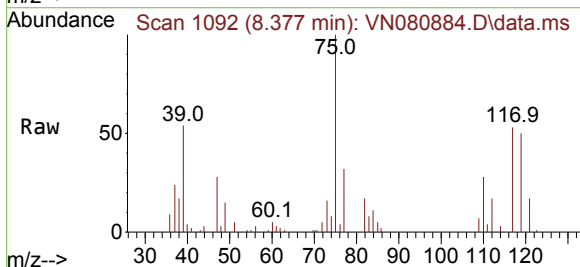
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202MBSD01

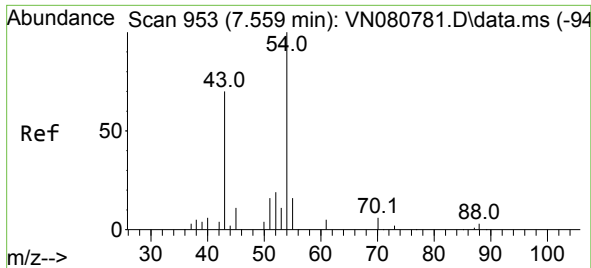
Tgt Ion:113 Resp: 61651  
Ion Ratio Lower Upper  
113 100  
111 104.0 82.2 123.4  
192 16.1 12.5 18.7



#36  
1,1-Dichloropropene  
Concen: 20.106 ug/l  
RT: 8.377 min Scan# 1092  
Delta R.T. 0.006 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

Tgt Ion: 75 Resp: 44641  
Ion Ratio Lower Upper  
75 100  
110 30.1 16.0 48.0  
77 30.9 25.8 38.6

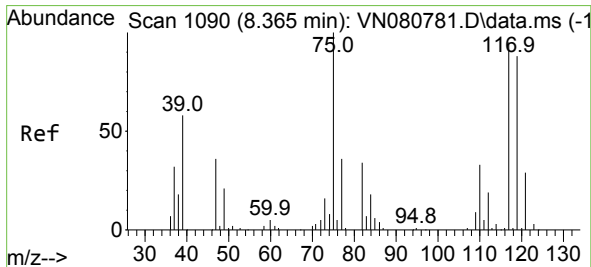
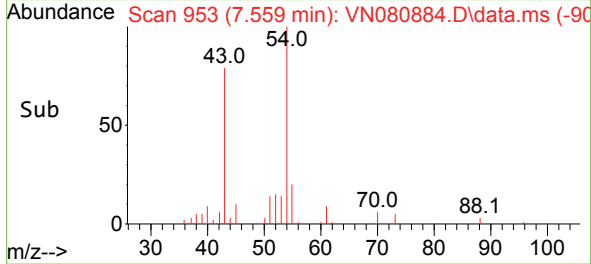
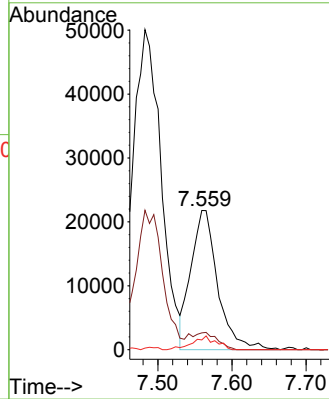
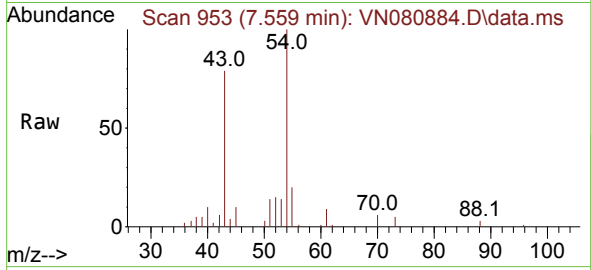




#37  
Ethyl Acetate  
Concen: 23.965 ug/l  
RT: 7.559 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

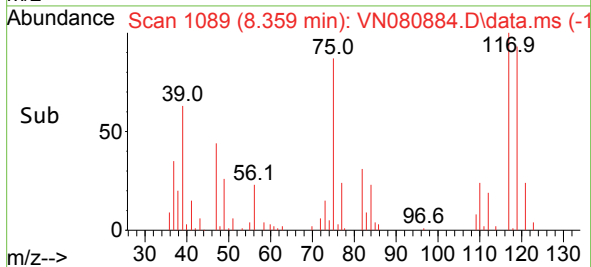
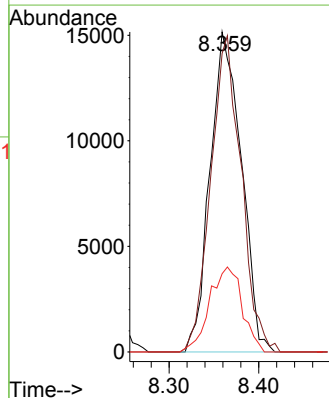
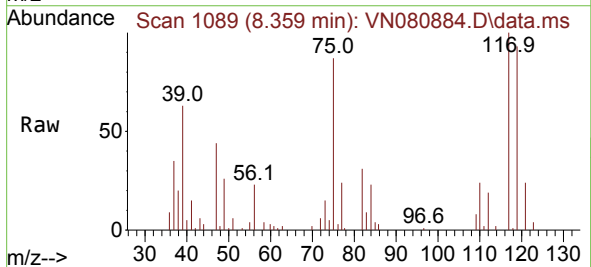
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202MBSD01

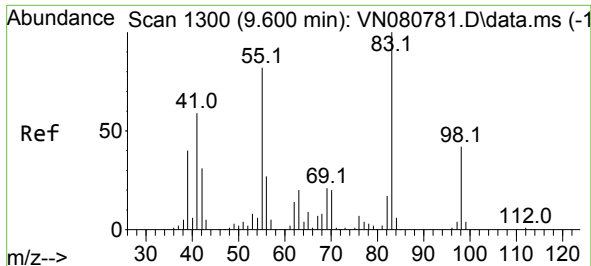
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 54775 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 12.4  | 10.6  | 15.8  |
| 70        | 8.6   | 8.0   | 12.0  |



#38  
Carbon Tetrachloride  
Concen: 20.564 ug/l  
RT: 8.359 min Scan# 1089  
Delta R.T. -0.006 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 36788 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 93.3  | 73.4  | 110.2 |
| 121       | 24.4  | 24.4  | 36.6  |





#39

Methylcyclohexane

Concen: 19.387 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN080884.D

Acq: 02 Feb 2024 19:27

Instrument :

MSVOA\_N

ClientSampleId :

VN0202MBSD01

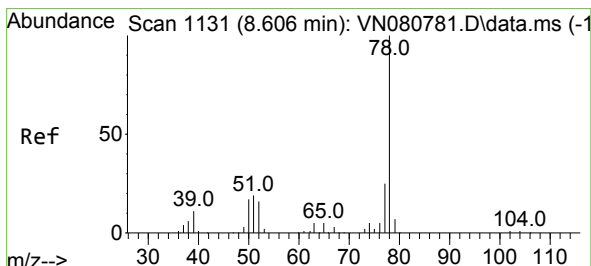
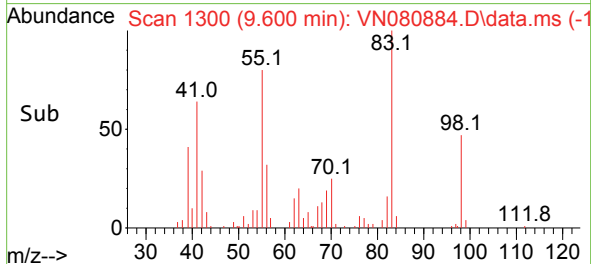
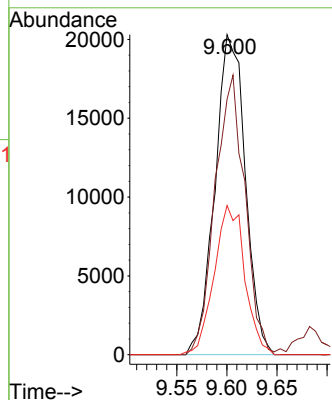
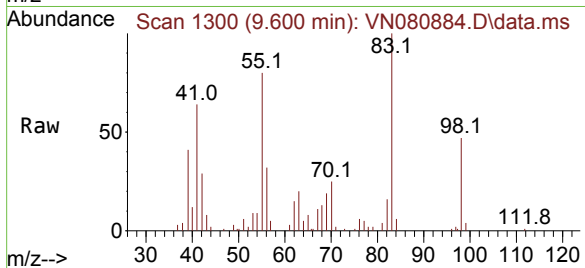
Tgt Ion: 83 Resp: 42786

Ion Ratio Lower Upper

83 100

55 79.8 65.7 98.5

98 46.6 33.8 50.6



#40

Benzene

Concen: 21.470 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080884.D

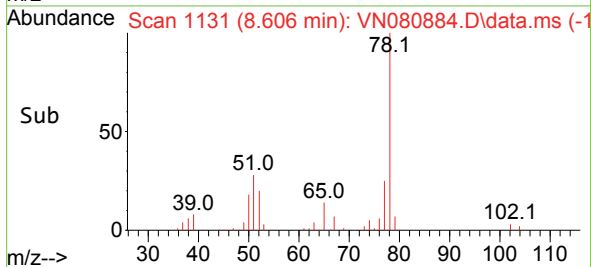
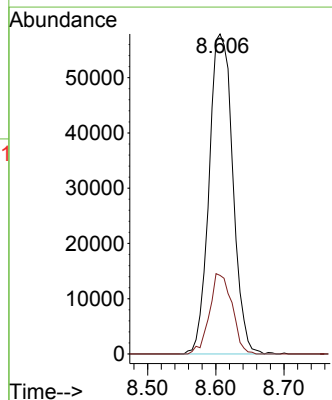
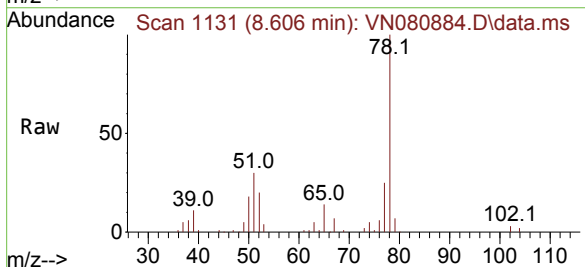
Acq: 02 Feb 2024 19:27

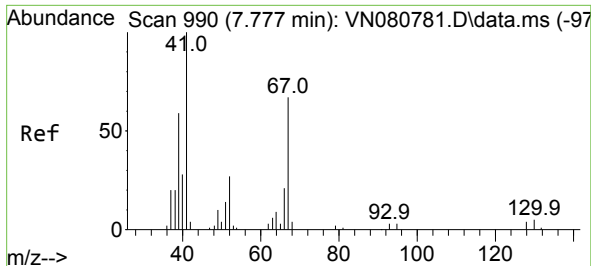
Tgt Ion: 78 Resp: 140104

Ion Ratio Lower Upper

78 100

77 24.6 20.4 30.6

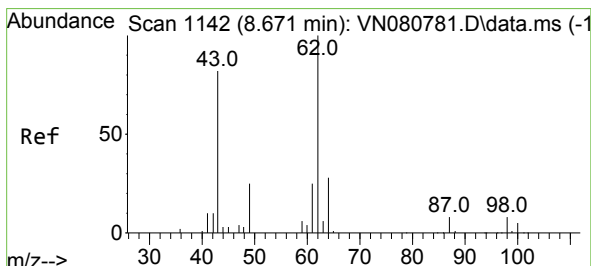
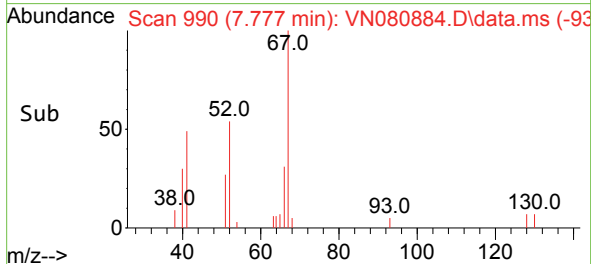
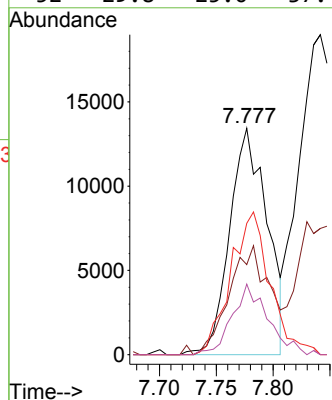
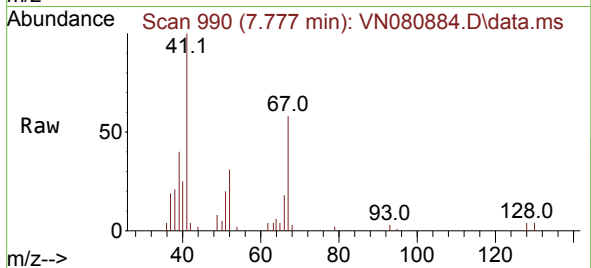




#41  
Methacrylonitrile  
Concen: 22.866 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

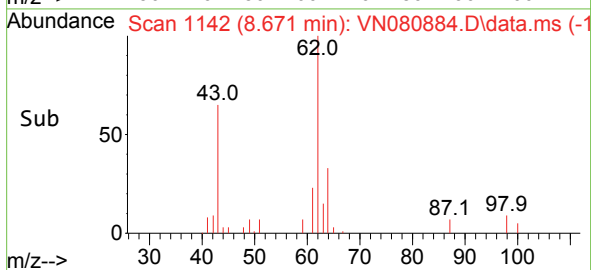
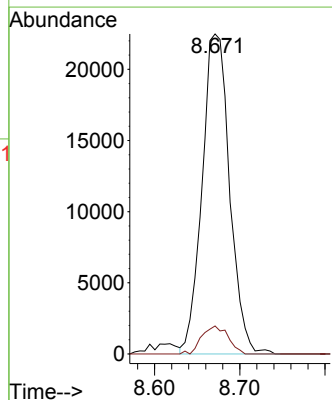
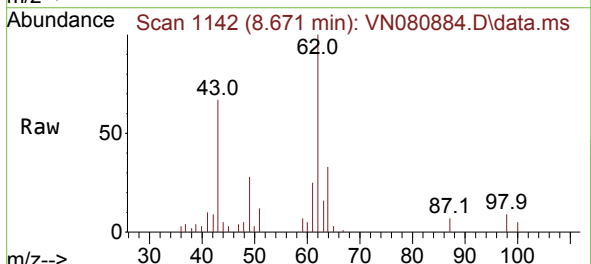
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202MBSD01

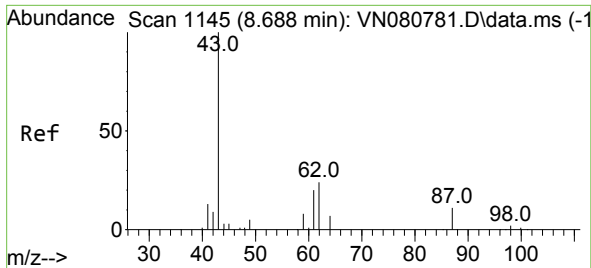
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 30803 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 51.2  | 48.4  | 72.6  |
| 67       | 66.4  | 56.8  | 85.2  |
| 52       | 29.8  | 25.0  | 37.4  |



#42  
1,2-Dichloroethane  
Concen: 23.745 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. 0.000 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 50481 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.3   | 0.0   | 18.0  |

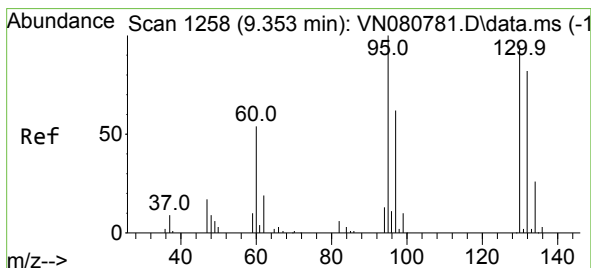
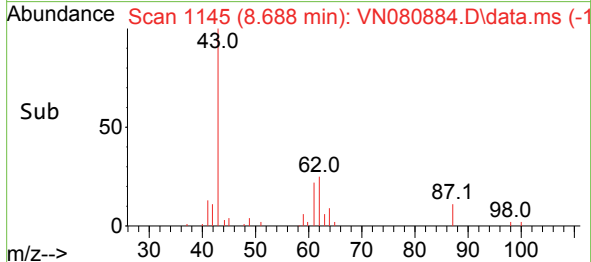
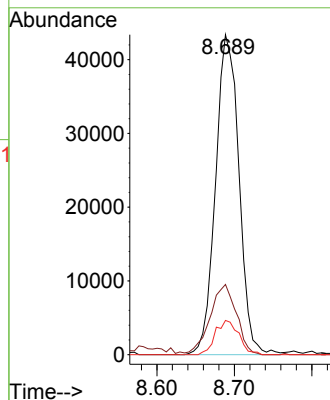
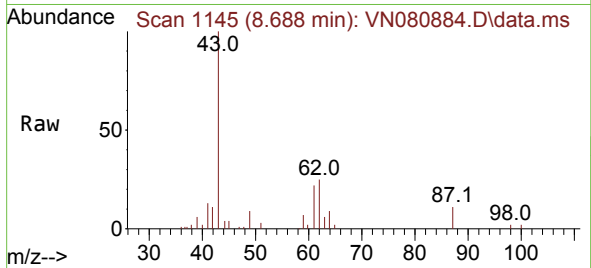




#43  
Isopropyl Acetate  
Concen: 21.900 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

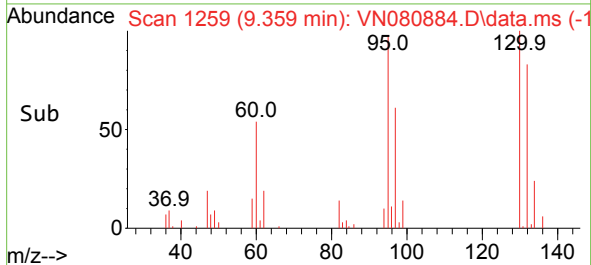
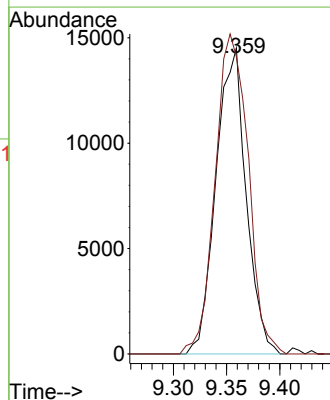
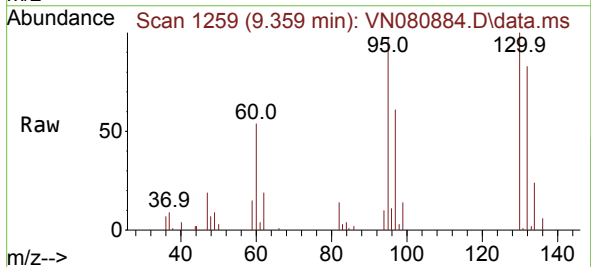
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202MBS01

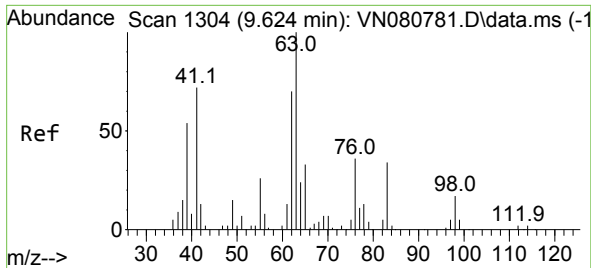
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 91133 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 24.6  | 19.9  | 29.9  |
| 87       | 10.7  | 9.0   | 13.6  |



#44  
Trichloroethene  
Concen: 19.853 ug/l  
RT: 9.359 min Scan# 1259  
Delta R.T. 0.006 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 28535 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 97.2  | 0.0   | 210.4 |

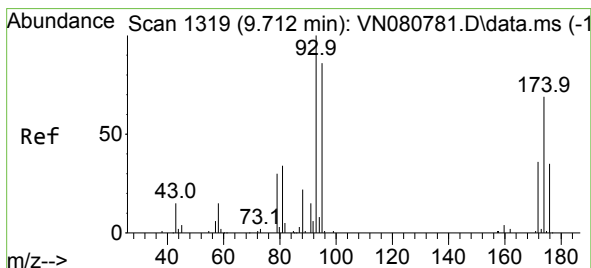
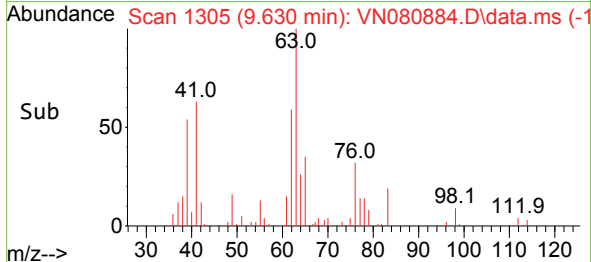
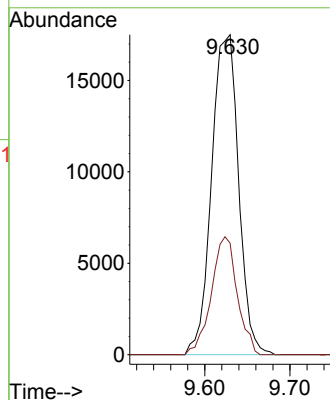
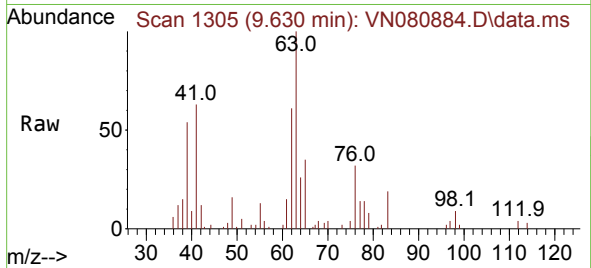




#45  
1,2-Dichloropropane  
Concen: 21.823 ug/l  
RT: 9.630 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

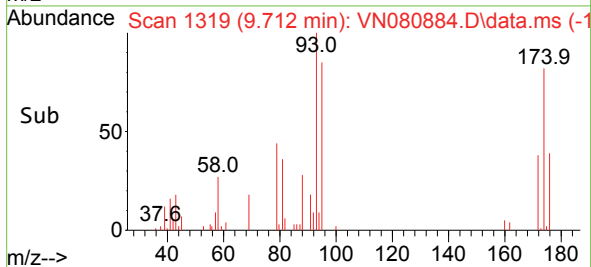
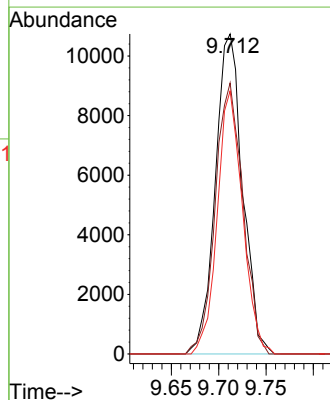
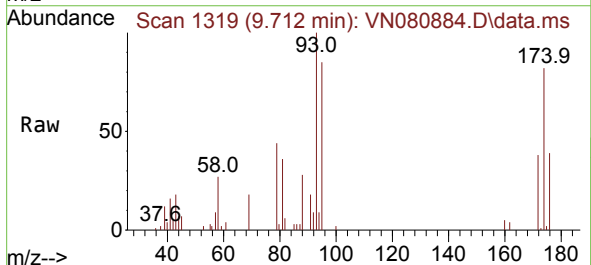
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202MBSD01

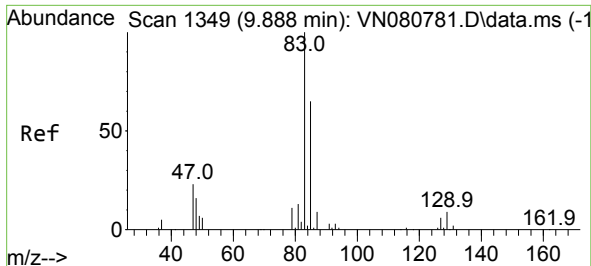
Tgt Ion: 63 Resp: 38540  
Ion Ratio Lower Upper  
63 100  
65 34.9 26.1 39.1



#46  
Dibromomethane  
Concen: 20.543 ug/l  
RT: 9.712 min Scan# 1319  
Delta R.T. 0.000 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

Tgt Ion: 93 Resp: 21506  
Ion Ratio Lower Upper  
93 100  
95 85.9 68.1 102.1  
174 76.2 57.2 85.8

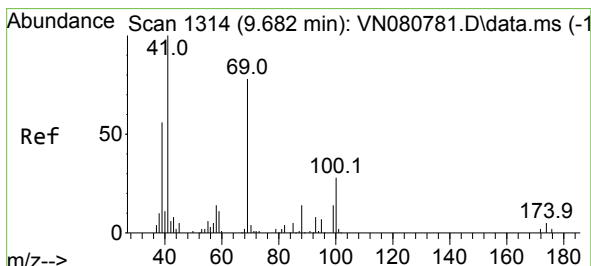
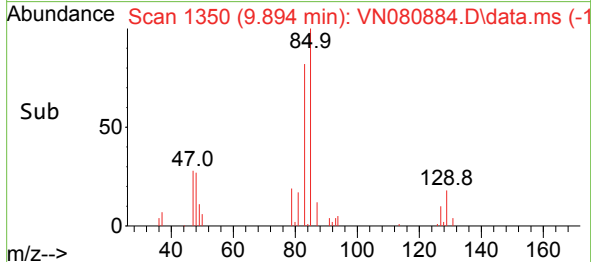
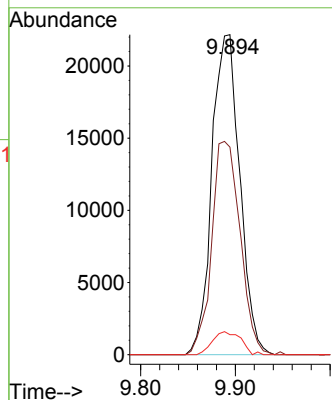
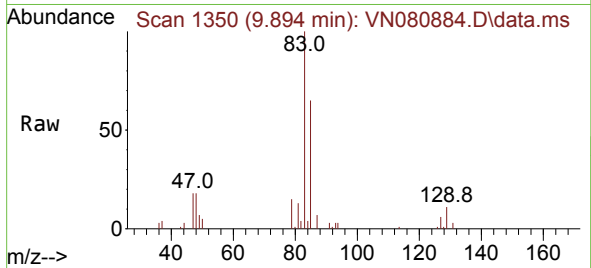




#47  
 Bromodichloromethane  
 Concen: 21.340 ug/l  
 RT: 9.894 min Scan# 1350  
 Delta R.T. 0.006 min  
 Lab File: VN080884.D  
 Acq: 02 Feb 2024 19:27

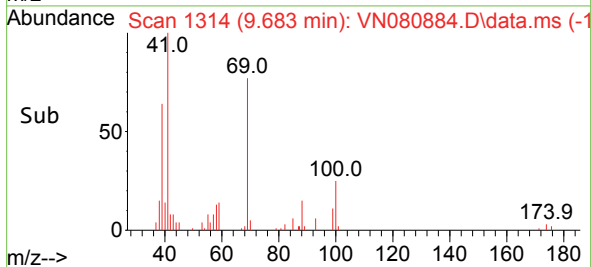
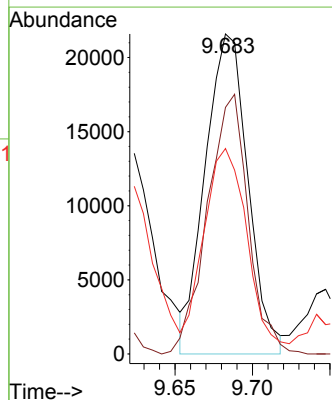
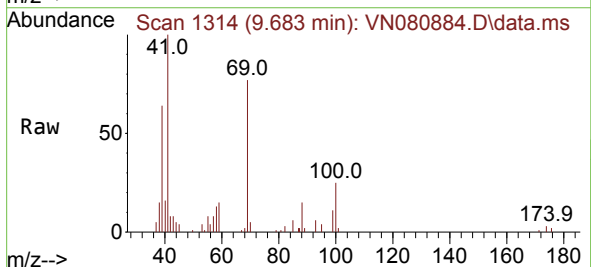
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0202MBSD01

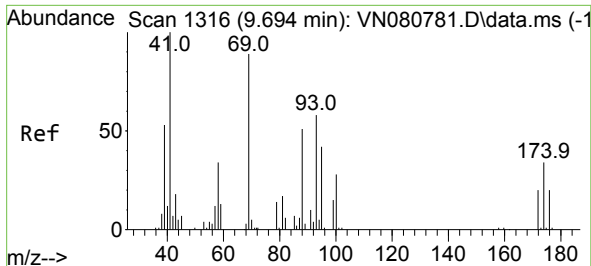
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 83 | Resp: | 45357       |
| Ion         | Ratio | Lower Upper |
| 83          | 100   |             |
| 85          | 64.8  | 52.3 78.5   |
| 127         | 6.3   | 4.6 7.0     |



#48  
 Methyl methacrylate  
 Concen: 20.501 ug/l  
 RT: 9.683 min Scan# 1314  
 Delta R.T. 0.000 min  
 Lab File: VN080884.D  
 Acq: 02 Feb 2024 19:27

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 41 | Resp: | 41359       |
| Ion         | Ratio | Lower Upper |
| 41          | 100   |             |
| 69          | 77.6  | 62.2 93.2   |
| 39          | 66.3  | 47.6 71.4   |





#49

1,4-Dioxane

Concen: 469.946 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080884.D

Acq: 02 Feb 2024 19:27

Instrument :

MSVOA\_N

ClientSampleId :

VN0202MBSD01

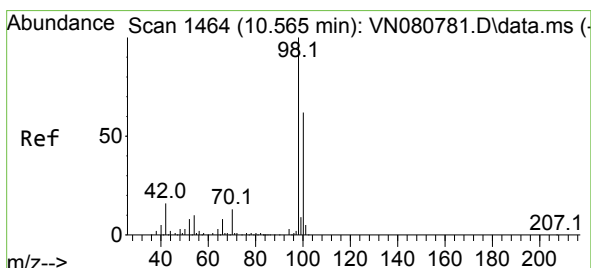
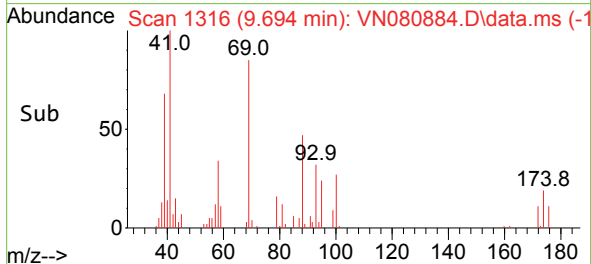
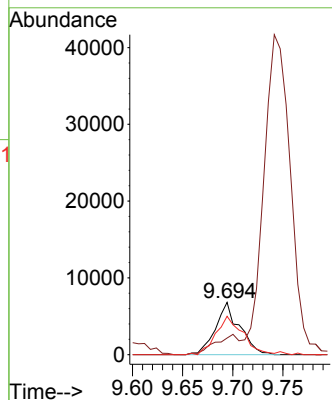
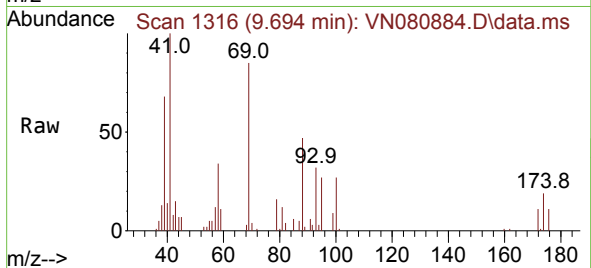
Tgt Ion: 88 Resp: 11420

Ion Ratio Lower Upper

88 100

43 37.6 30.1 45.1

58 81.5 63.9 95.9



#50

Toluene-d8

Concen: 51.482 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080884.D

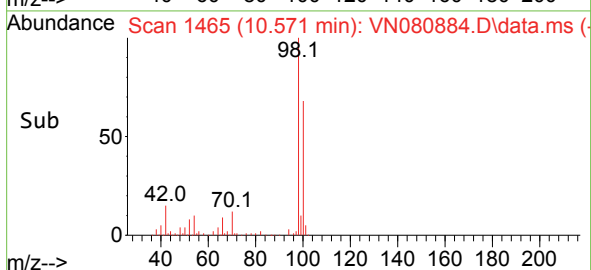
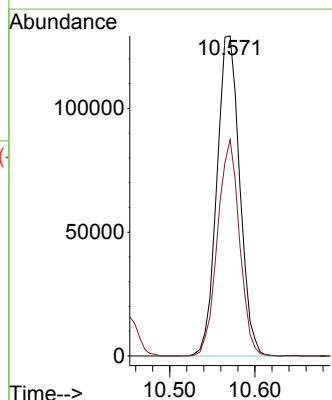
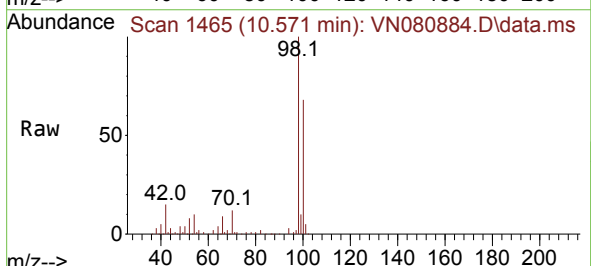
Acq: 02 Feb 2024 19:27

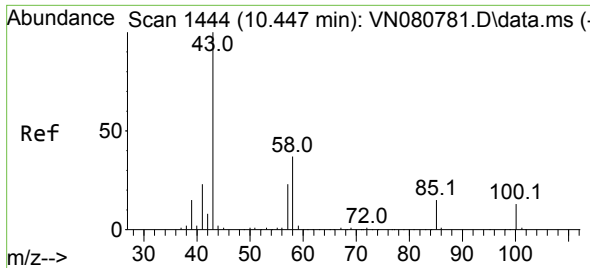
Tgt Ion: 98 Resp: 240701

Ion Ratio Lower Upper

98 100

100 65.1 51.4 77.0

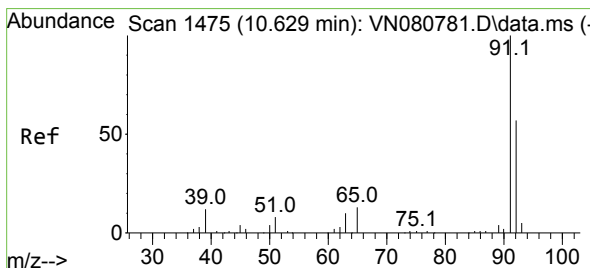
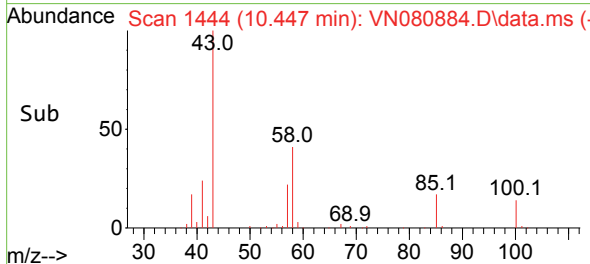
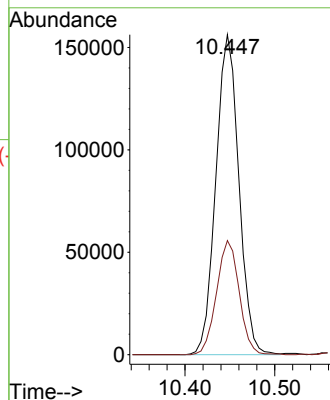
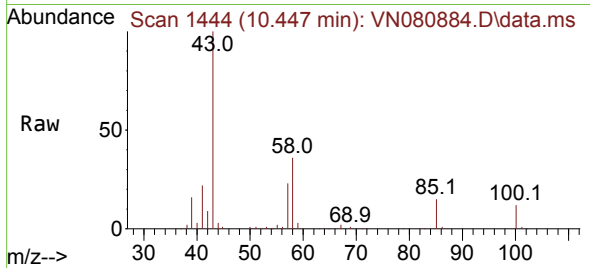




#51  
4-Methyl-2-Pentanone  
Concen: 119.602 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

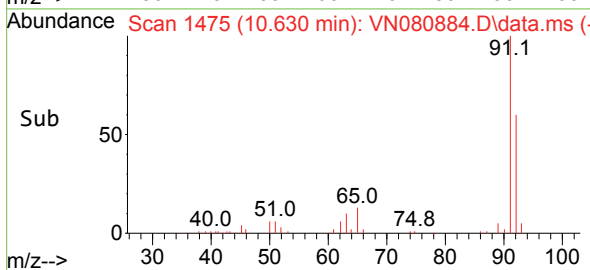
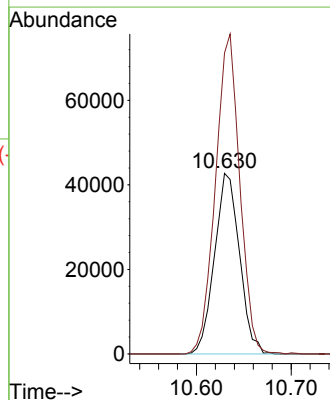
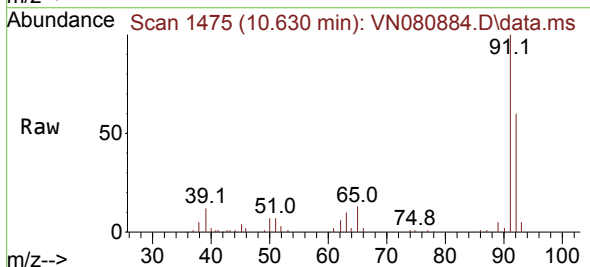
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MSVOA\_N  
ClientSampleId :  
VN0202MBSD01

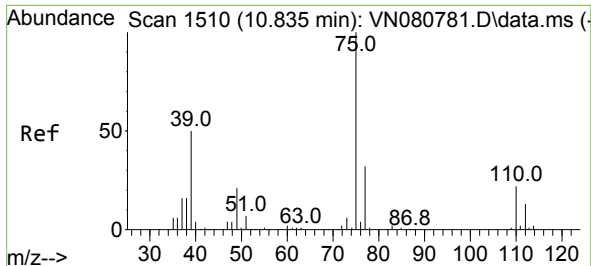
Tgt Ion: 43 Resp: 278229  
Ion Ratio Lower Upper  
43 100  
58 35.1 29.4 44.0



#52  
Toluene  
Concen: 20.938 ug/l  
RT: 10.630 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

Tgt Ion: 92 Resp: 78342  
Ion Ratio Lower Upper  
92 100  
91 172.5 139.4 209.0

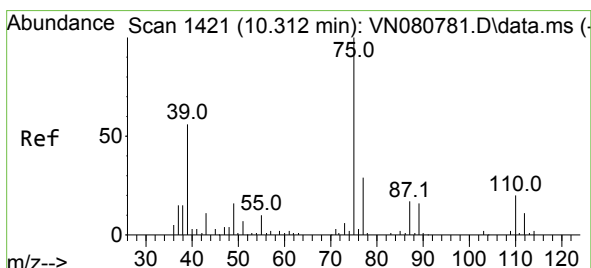
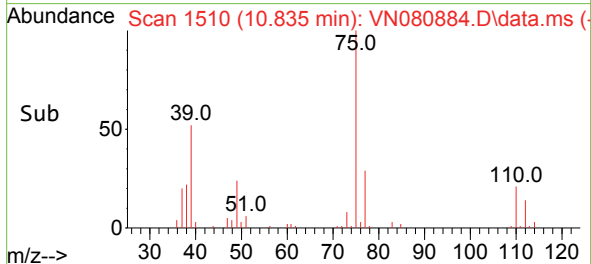
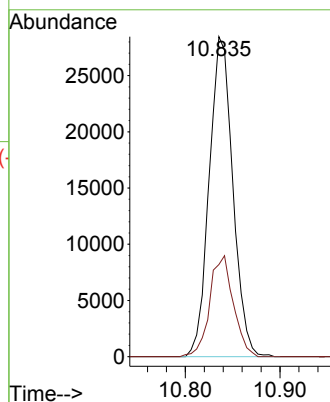
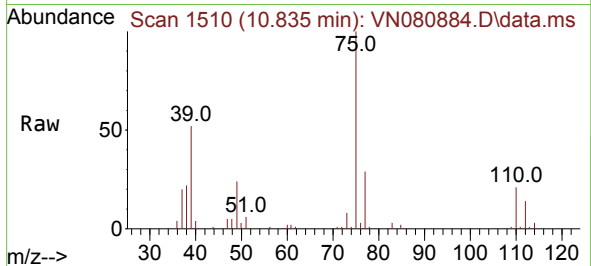




#53  
 t-1,3-Dichloropropene  
 Concen: 19.896 ug/l  
 RT: 10.835 min Scan# 1510  
 Delta R.T. 0.000 min  
 Lab File: VN080884.D  
 Acq: 02 Feb 2024 19:27

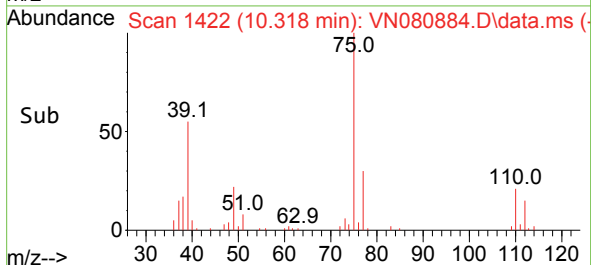
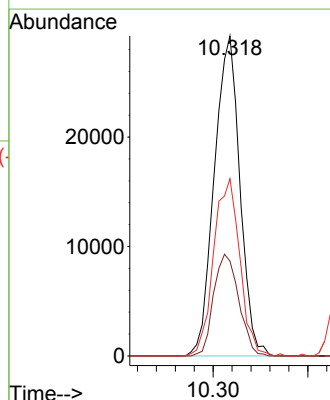
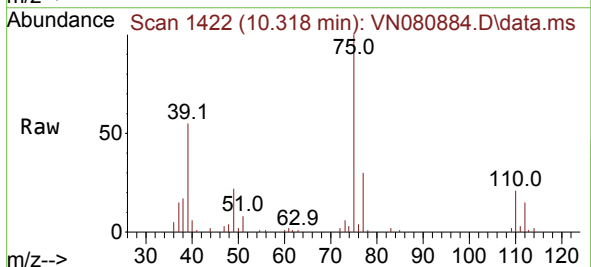
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0202MBS01

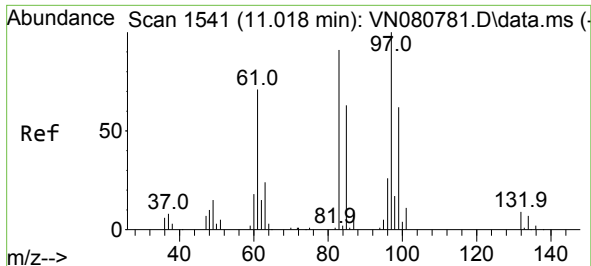
Tgt Ion: 75 Resp: 49264  
 Ion Ratio Lower Upper  
 75 100  
 77 28.8 25.5 38.3



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.389 ug/l  
 RT: 10.318 min Scan# 1422  
 Delta R.T. 0.006 min  
 Lab File: VN080884.D  
 Acq: 02 Feb 2024 19:27

Tgt Ion: 75 Resp: 54899  
 Ion Ratio Lower Upper  
 75 100  
 77 29.6 23.3 34.9  
 39 55.4 44.6 66.8

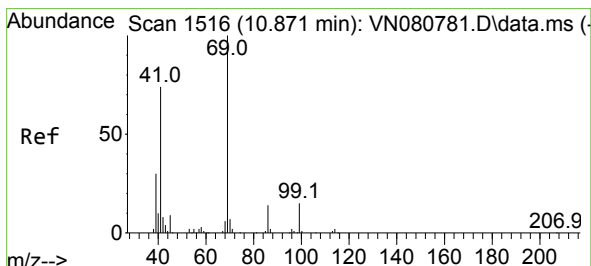
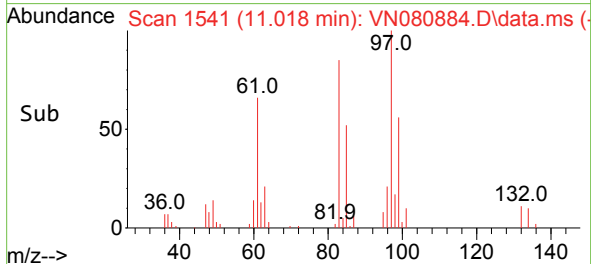
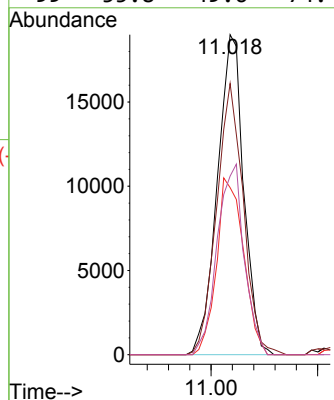
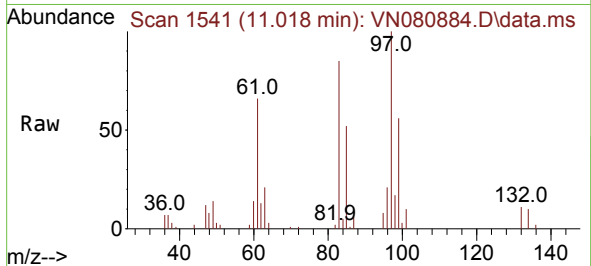




#55  
 1,1,2-Trichloroethane  
 Concen: 22.698 ug/l  
 RT: 11.018 min Scan# 1541  
 Delta R.T. 0.000 min  
 Lab File: VN080884.D  
 Acq: 02 Feb 2024 19:27

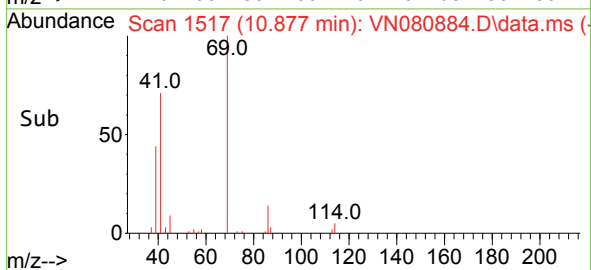
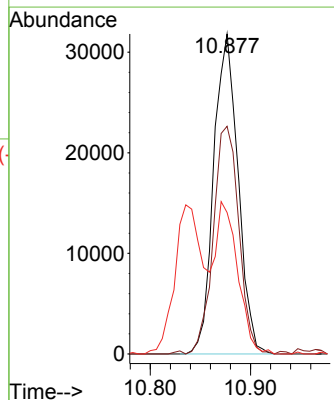
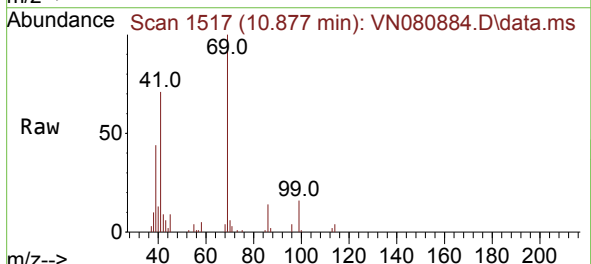
Instrument :  
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 ClientSampleId :  
 VN0202MBSD01

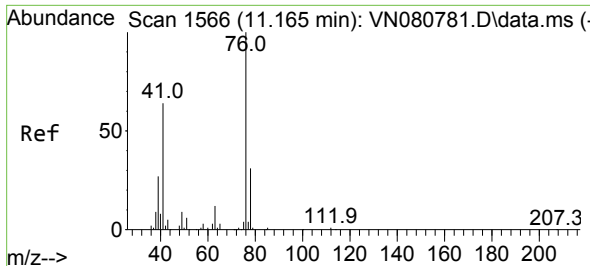
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 32639 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 84.8  | 72.9  | 109.3 |
| 85       | 52.2  | 50.2  | 75.2  |
| 99       | 55.8  | 49.6  | 74.4  |



#56  
 Ethyl methacrylate  
 Concen: 24.288 ug/l  
 RT: 10.877 min Scan# 1517  
 Delta R.T. 0.006 min  
 Lab File: VN080884.D  
 Acq: 02 Feb 2024 19:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 53689 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 74.8  | 61.0  | 91.6  |
| 39       | 43.1  | 31.8  | 47.6  |





#57

1,3-Dichloropropane

Concen: 22.736 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN080884.D

Acq: 02 Feb 2024 19:27

Instrument :

MSVOA\_N

ClientSampleId :

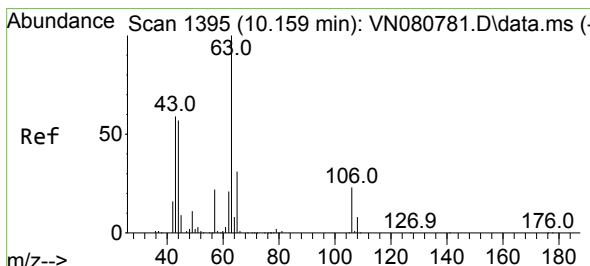
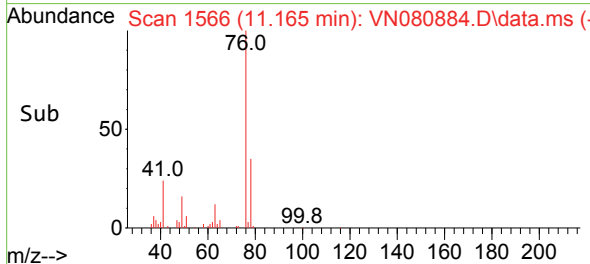
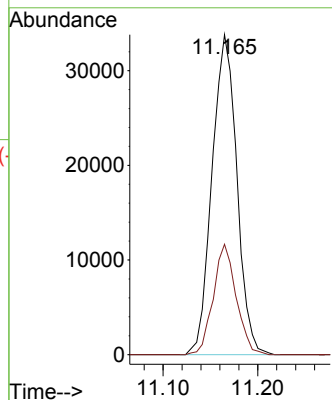
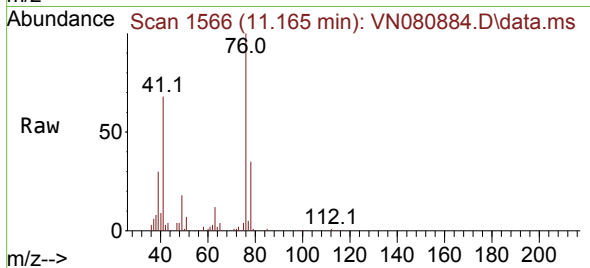
VN0202MBSD01

Tgt Ion: 76 Resp: 61529

Ion Ratio Lower Upper

76 100

78 31.9 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 102.080 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080884.D

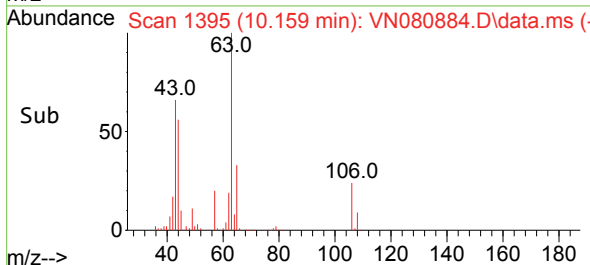
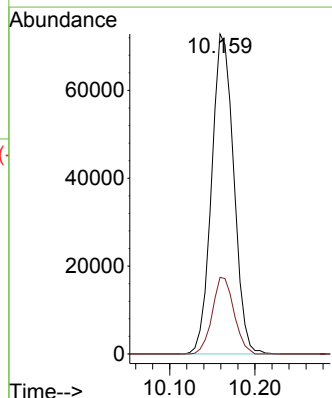
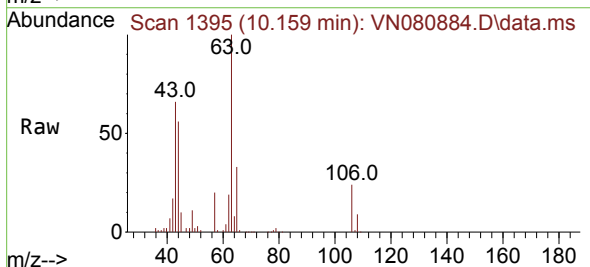
Acq: 02 Feb 2024 19:27

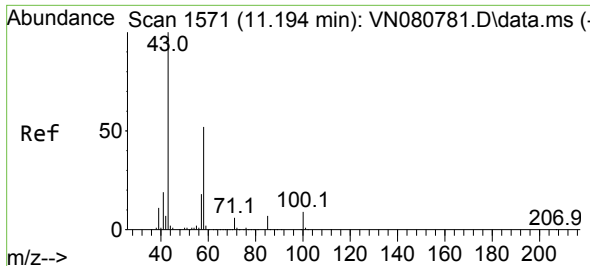
Tgt Ion: 63 Resp: 131544

Ion Ratio Lower Upper

63 100

106 23.5 18.6 28.0

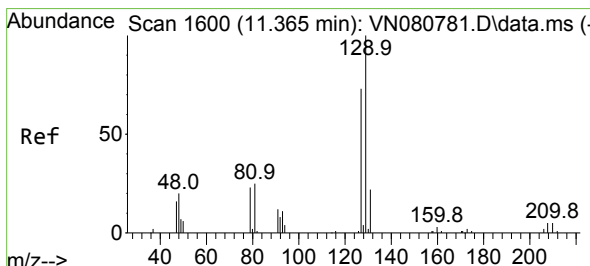
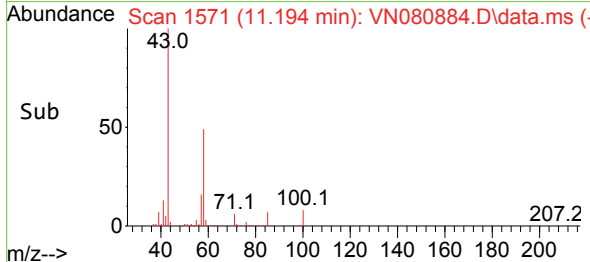
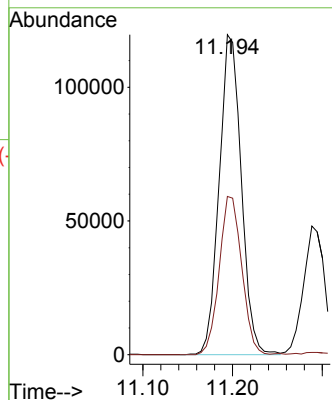
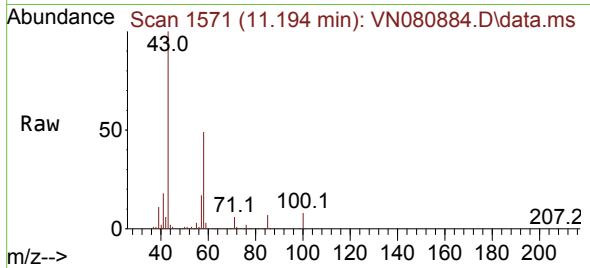




#59  
2-Hexanone  
Concen: 113.156 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. 0.000 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

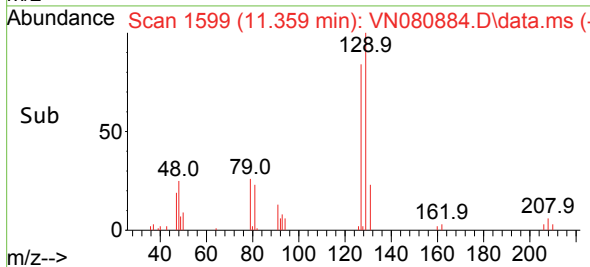
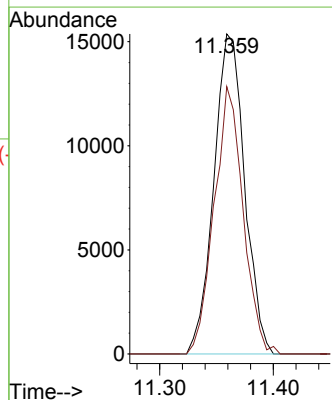
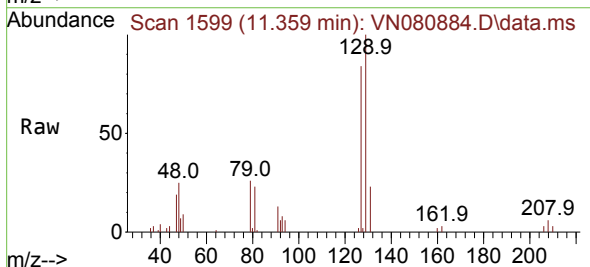
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202MBSD01

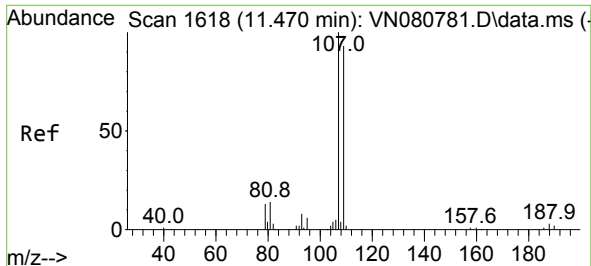
Tgt Ion: 43 Resp: 204473  
Ion Ratio Lower Upper  
43 100  
58 50.4 25.9 77.8



#60  
Dibromochloromethane  
Concen: 21.649 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.006 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

Tgt Ion: 129 Resp: 28956  
Ion Ratio Lower Upper  
129 100  
127 78.6 39.4 118.2

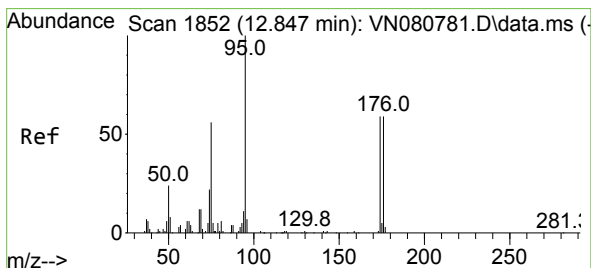
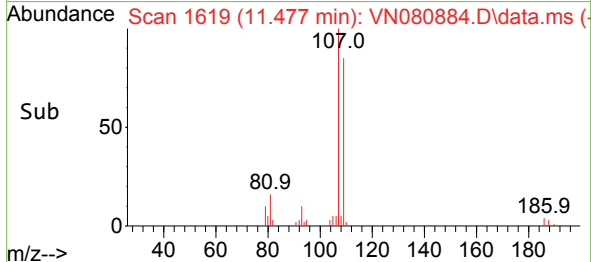
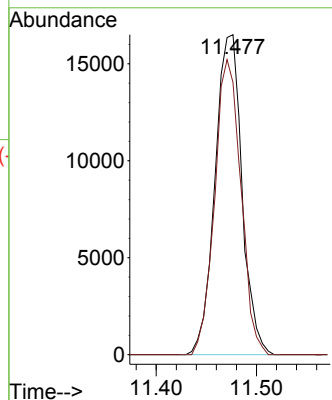
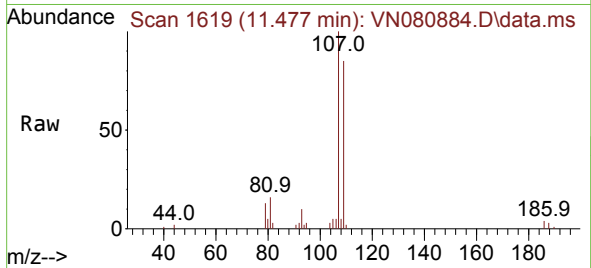




#61  
1,2-Dibromoethane  
Concen: 22.839 ug/l  
RT: 11.477 min Scan# 1618  
Delta R.T. 0.006 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

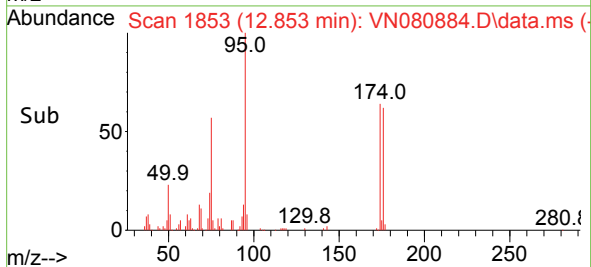
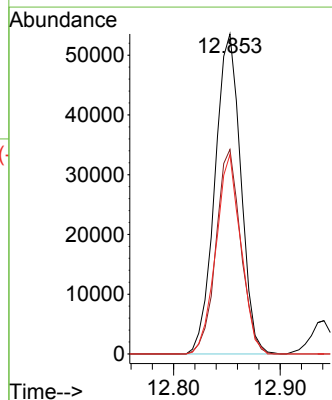
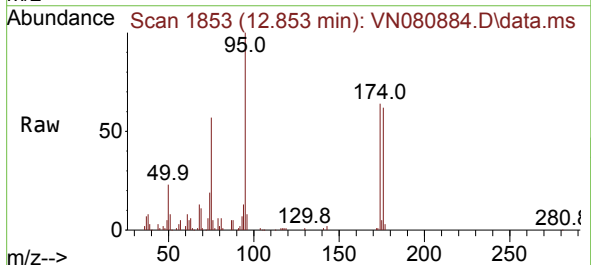
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202MBSD01

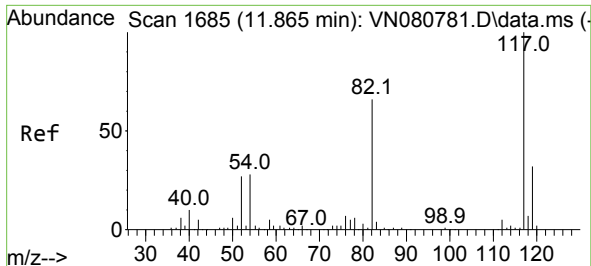
Tgt Ion:107 Resp: 30779  
Ion Ratio Lower Upper  
107 100  
109 89.9 73.4 110.2



#62  
4-Bromofluorobenzene  
Concen: 55.413 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

Tgt Ion: 95 Resp: 90283  
Ion Ratio Lower Upper  
95 100  
174 61.3 0.0 120.4  
176 60.0 0.0 121.0

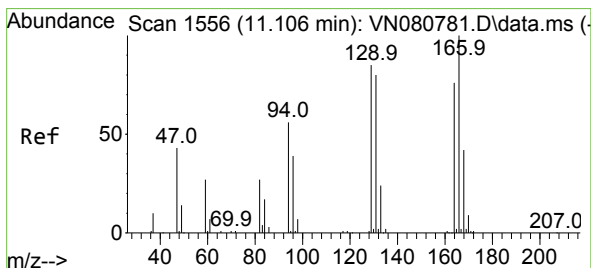
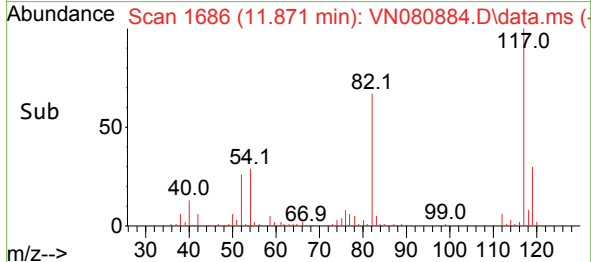
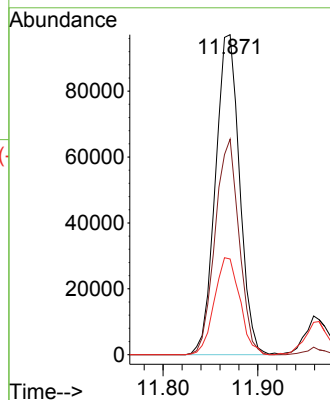
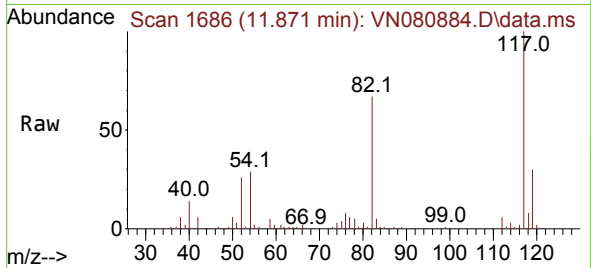




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 117  
Delta R.T. 0.006 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

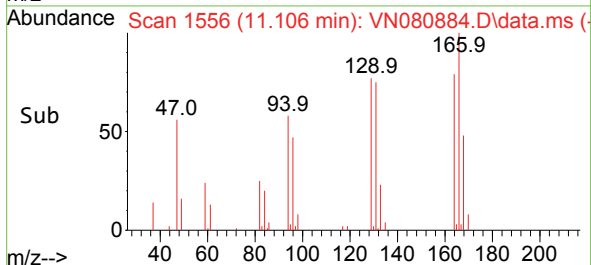
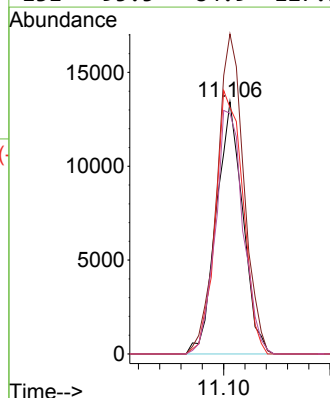
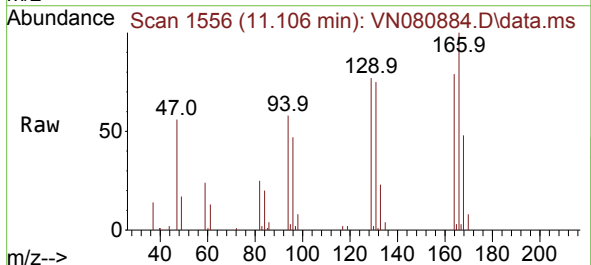
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202MBSD01

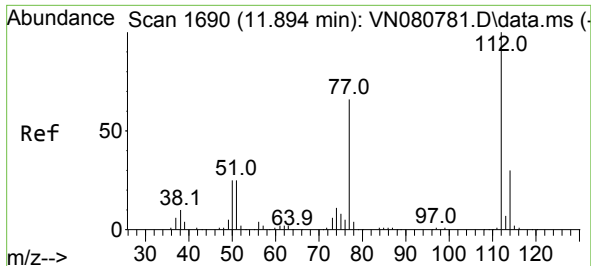
Tgt Ion:117 Resp: 172184  
Ion Ratio Lower Upper  
117 100  
82 67.4 52.7 79.1  
119 29.9 25.3 37.9



#64  
Tetrachloroethene  
Concen: 20.506 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. 0.000 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

Tgt Ion:164 Resp: 23207  
Ion Ratio Lower Upper  
164 100  
166 126.9 105.8 158.6  
129 97.7 89.6 134.4  
131 95.5 84.9 127.3

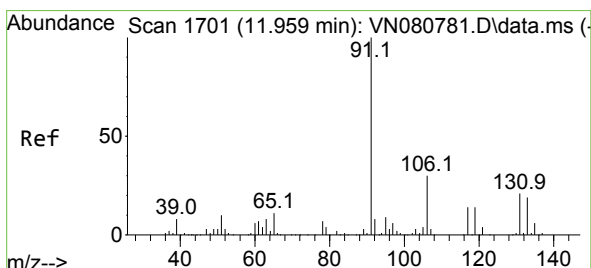
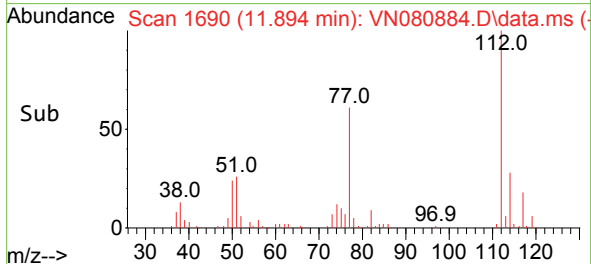
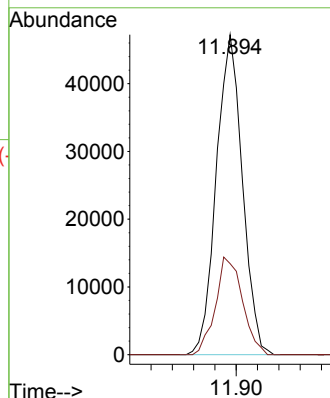
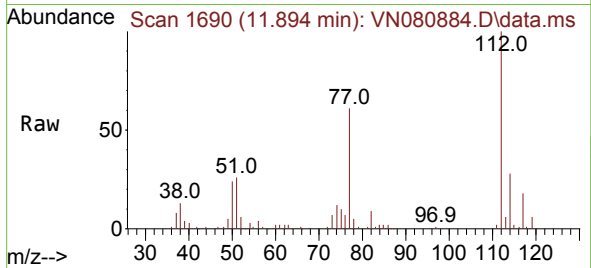




#65  
Chlorobenzene  
Concen: 21.304 ug/l  
RT: 11.894 min Scan# 1189  
Delta R.T. 0.000 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

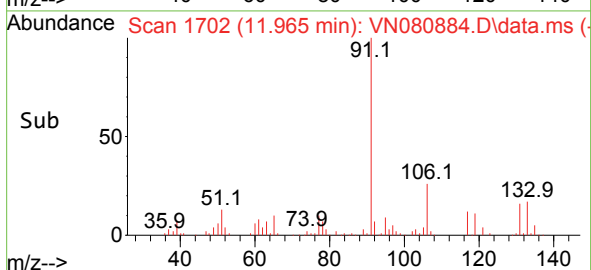
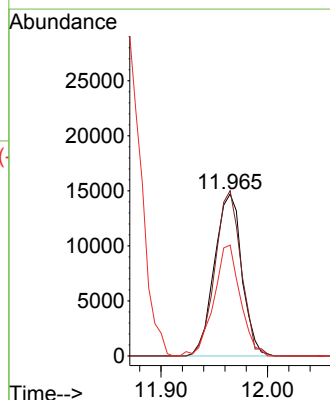
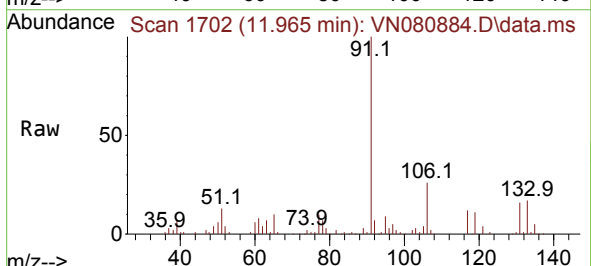
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202MBS01

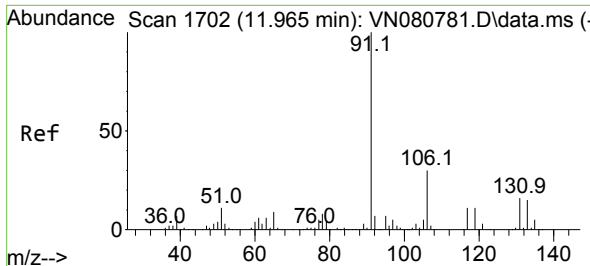
Tgt Ion:112 Resp: 80060  
Ion Ratio Lower Upper  
112 100  
114 28.5 23.7 35.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.537 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.006 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

Tgt Ion:131 Resp: 26319  
Ion Ratio Lower Upper  
131 100  
133 96.9 46.8 140.3  
119 66.0 34.6 103.9

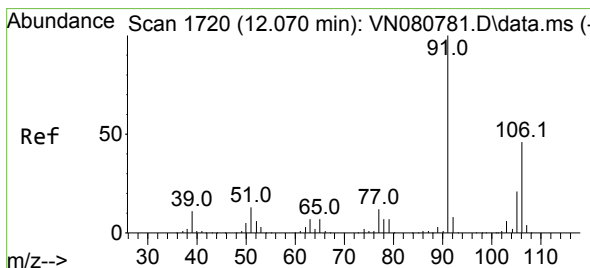
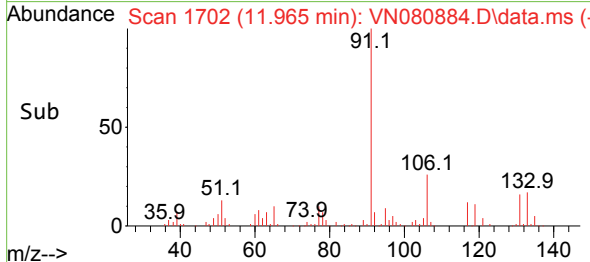
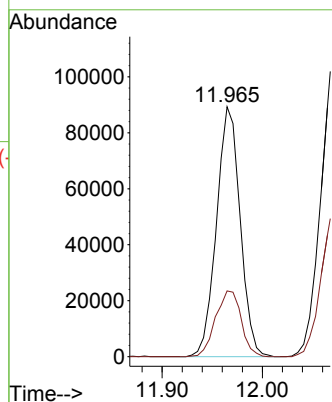
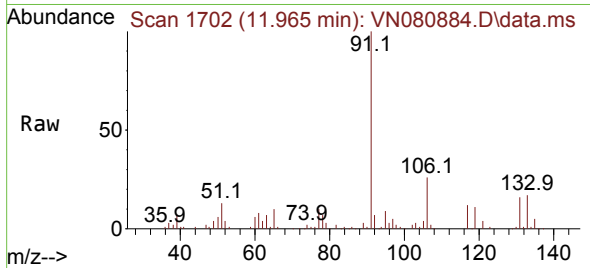




#67  
Ethyl Benzene  
Concen: 20.940 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

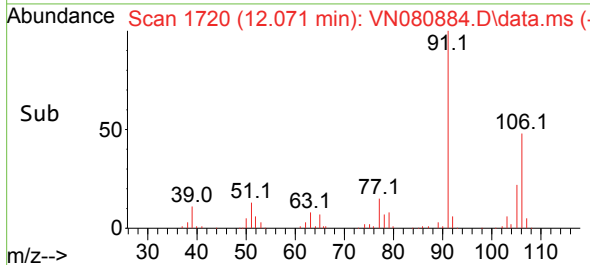
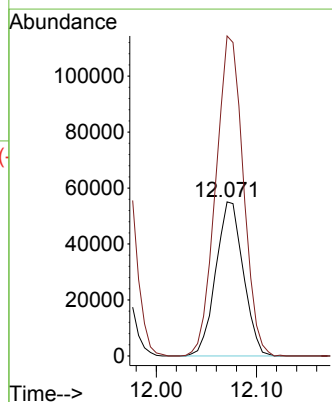
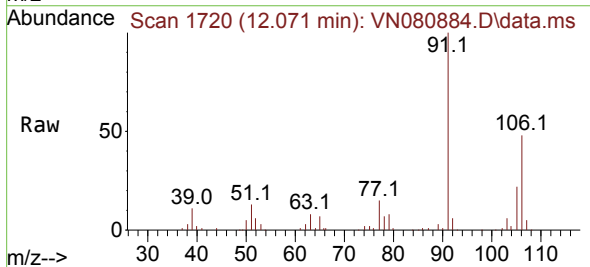
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202MBSD01

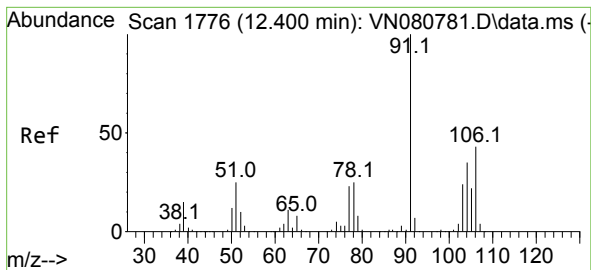
Tgt Ion: 91 Resp: 146258  
Ion Ratio Lower Upper  
91 100  
106 26.3 23.8 35.6



#68  
m/p-Xylenes  
Concen: 42.236 ug/l  
RT: 12.071 min Scan# 1720  
Delta R.T. 0.000 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

Tgt Ion:106 Resp: 104765  
Ion Ratio Lower Upper  
106 100  
91 208.1 169.0 253.6

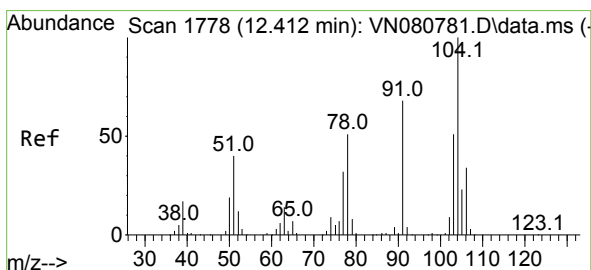
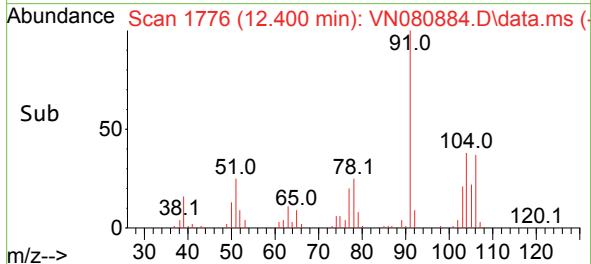
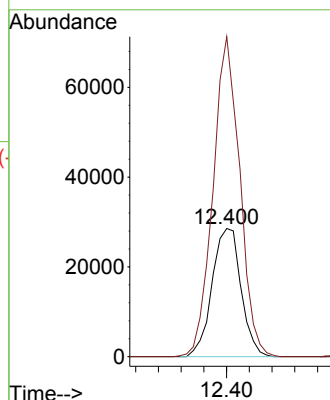
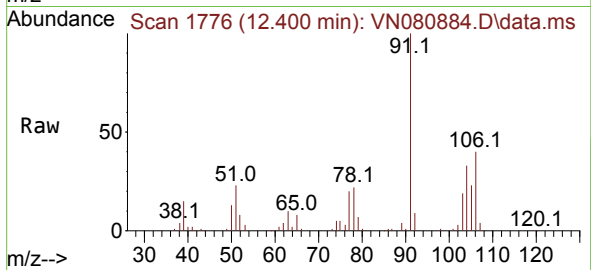




#69  
o-Xylene  
Concen: 20.492 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. 0.000 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

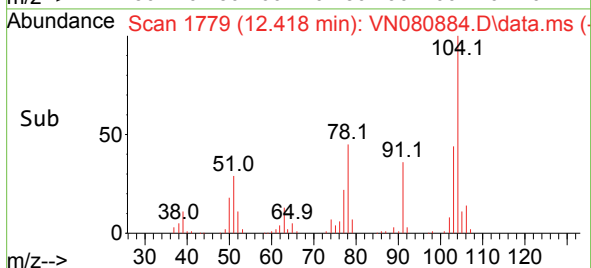
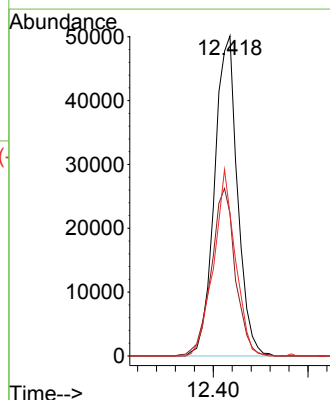
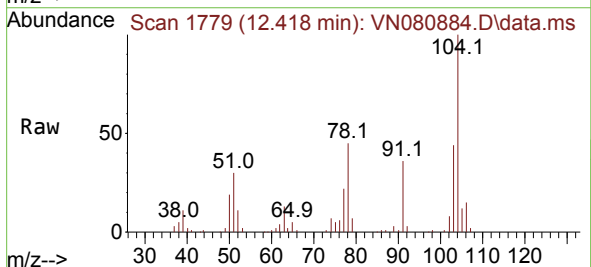
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202MBS01

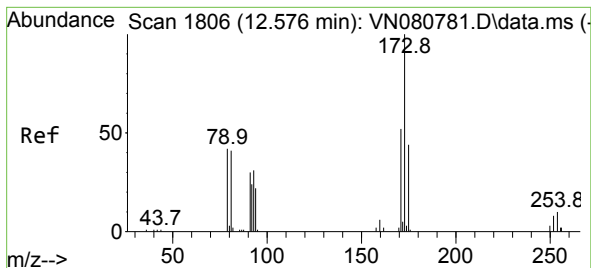
Tgt Ion:106 Resp: 50506  
Ion Ratio Lower Upper  
106 100  
91 231.2 112.1 336.3



#70  
Styrene  
Concen: 21.370 ug/l  
RT: 12.418 min Scan# 1779  
Delta R.T. 0.006 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

Tgt Ion:104 Resp: 84589  
Ion Ratio Lower Upper  
104 100  
78 54.6 43.8 65.8  
103 55.2 44.2 66.2





#71

Bromoform

Concen: 20.449 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN080884.D

Acq: 02 Feb 2024 19:27

Instrument :

MSVOA\_N

ClientSampleId :

VN0202MBS01

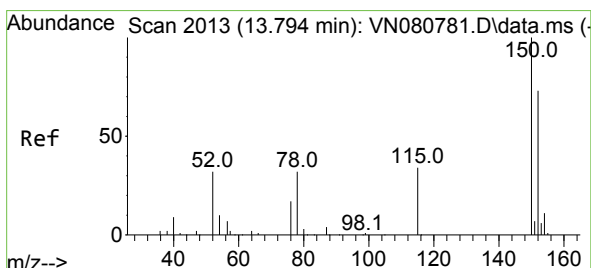
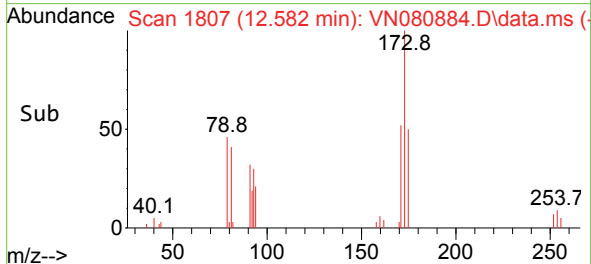
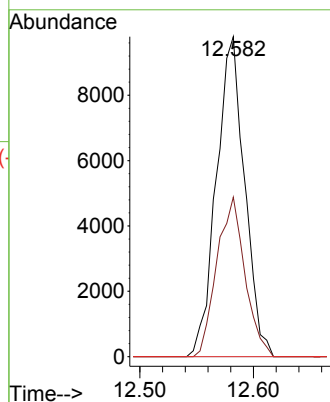
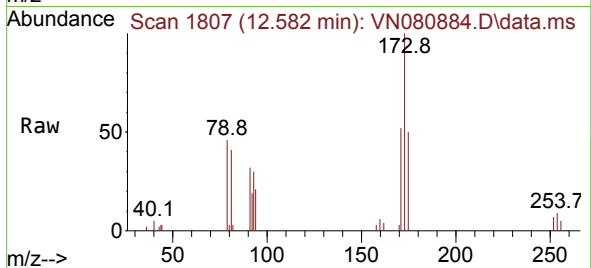
Tgt Ion:173 Resp: 16896

Ion Ratio Lower Upper

173 100

175 49.6 23.1 69.2

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: VN080884.D

Acq: 02 Feb 2024 19:27

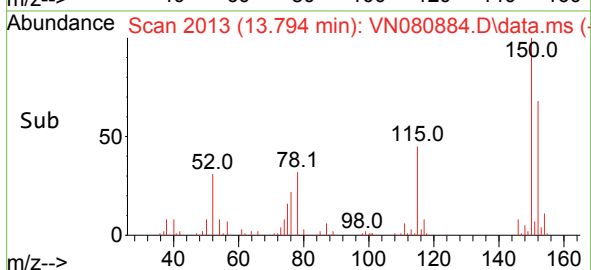
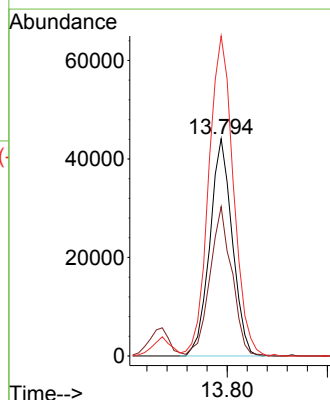
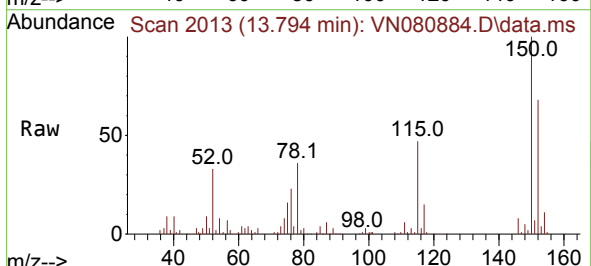
Tgt Ion:152 Resp: 68581

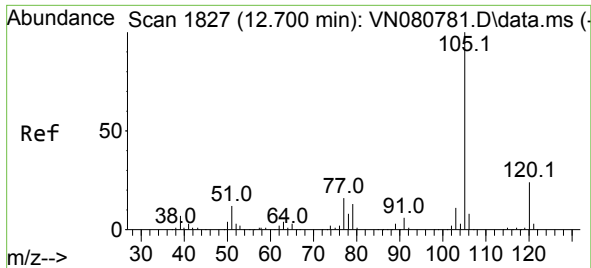
Ion Ratio Lower Upper

152 100

115 67.4 32.3 96.8

150 162.2 0.0 339.8

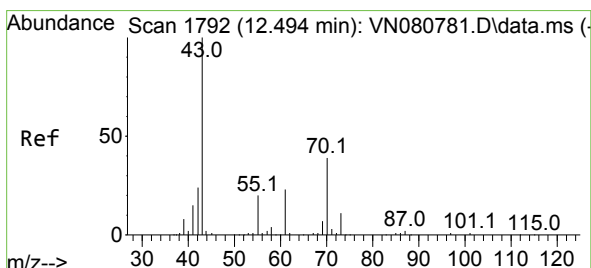
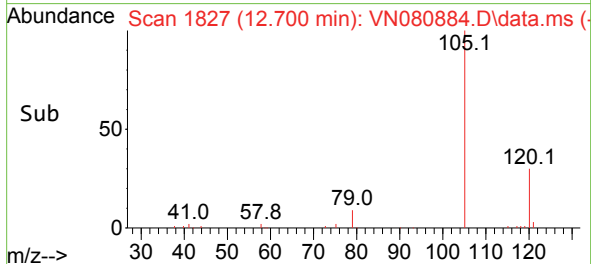
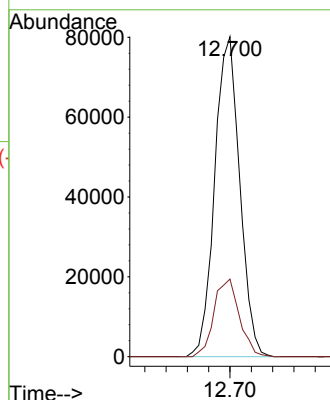
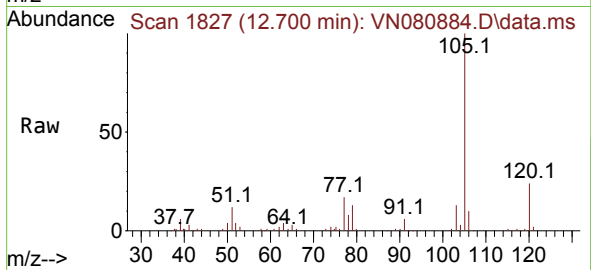




#73  
Isopropylbenzene  
Concen: 20.782 ug/l  
RT: 12.700 min Scan# 1827  
Delta R.T. 0.000 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

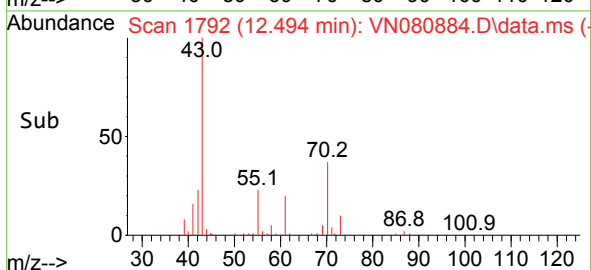
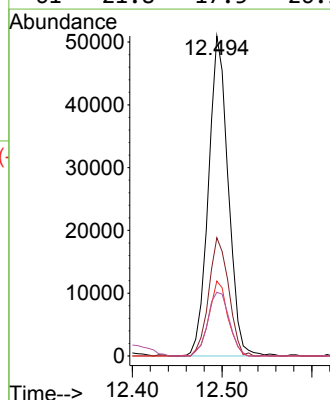
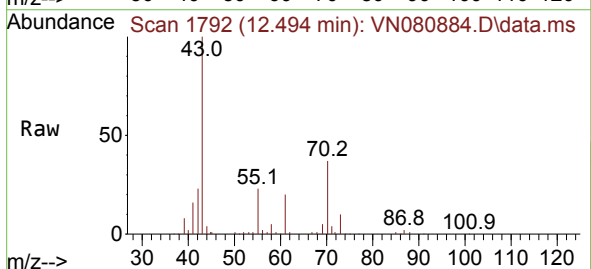
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202MBS01

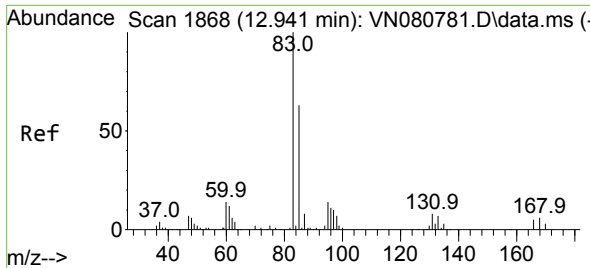
Tgt Ion:105 Resp: 130518  
Ion Ratio Lower Upper  
105 100  
120 24.6 12.6 37.6



#74  
N-ethyl acetate  
Concen: 19.988 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. 0.000 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

Tgt Ion: 43 Resp: 77938  
Ion Ratio Lower Upper  
43 100  
70 37.2 30.1 45.1  
55 22.6 17.0 25.4  
61 21.8 17.5 26.3

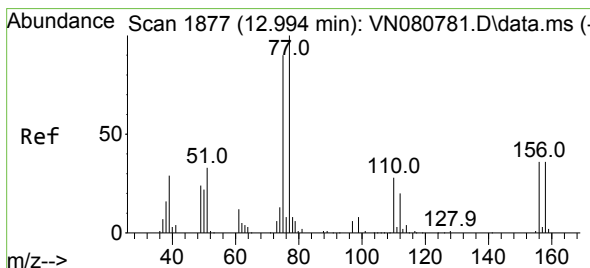
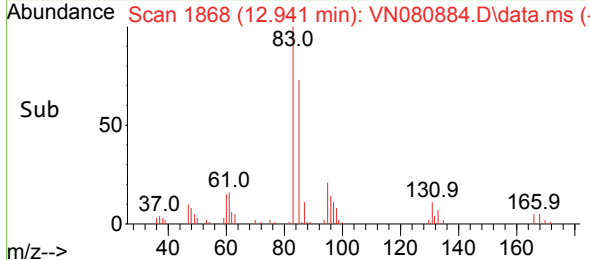
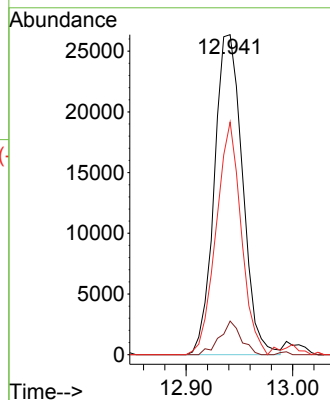
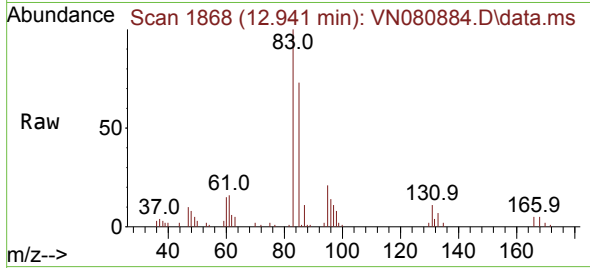




#75  
1,1,2,2-Tetrachloroethane  
Concen: 21.919 ug/l  
RT: 12.941 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

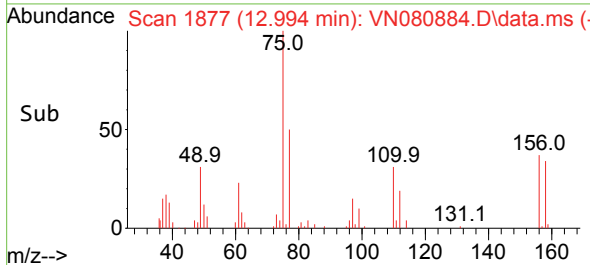
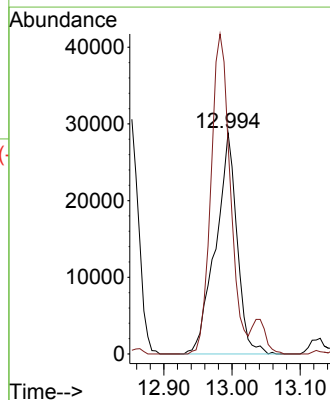
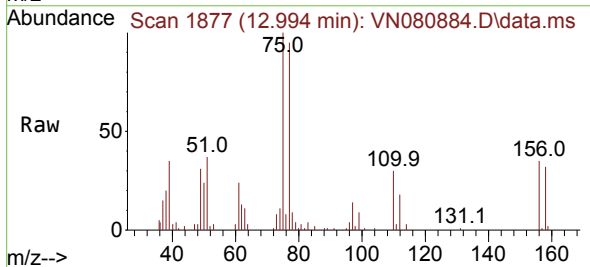
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202MBSD01

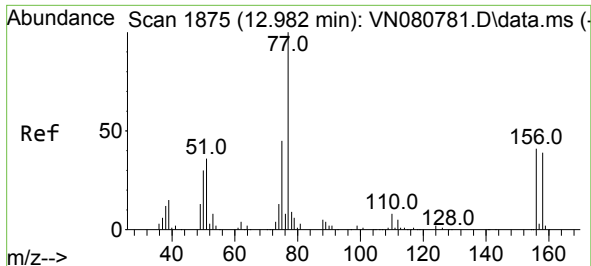
Tgt Ion: 83 Resp: 48424  
Ion Ratio Lower Upper  
83 100  
131 7.9 4.1 12.3  
85 64.7 32.1 96.3



#76  
1,2,3-Trichloropropane  
Concen: 30.507 ug/l  
RT: 12.994 min Scan# 1877  
Delta R.T. 0.000 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

Tgt Ion: 75 Resp: 63101  
Ion Ratio Lower Upper  
75 100  
77 130.4 91.0 272.8

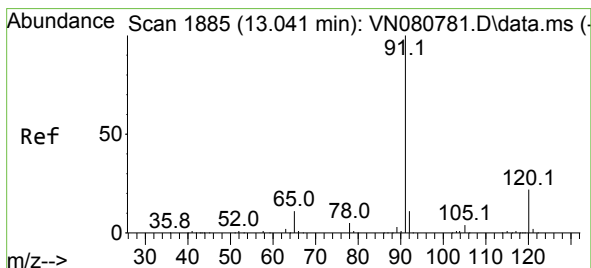
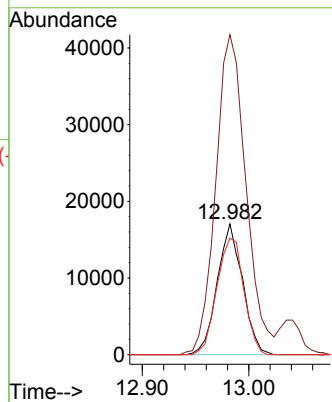
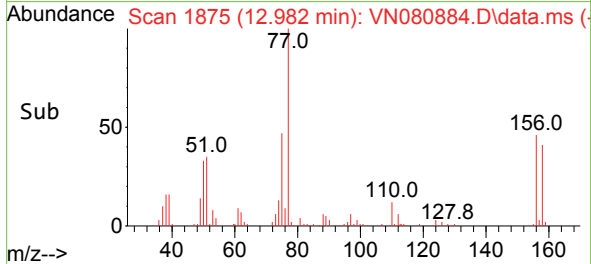
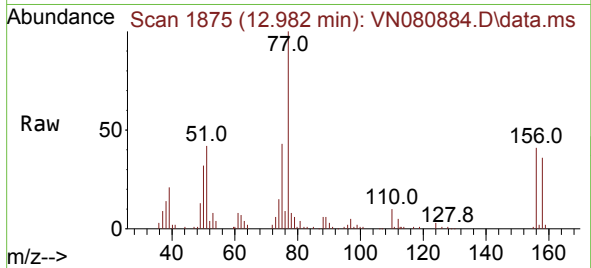




#77  
Bromobenzene  
Concen: 20.957 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

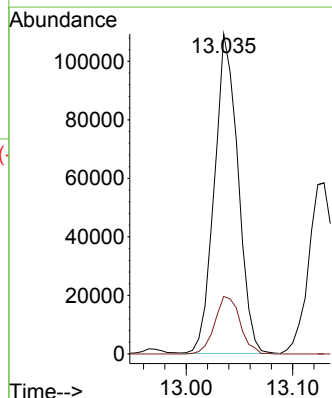
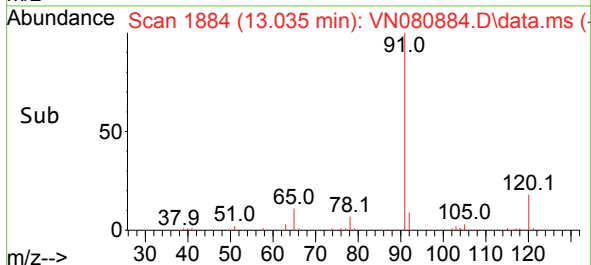
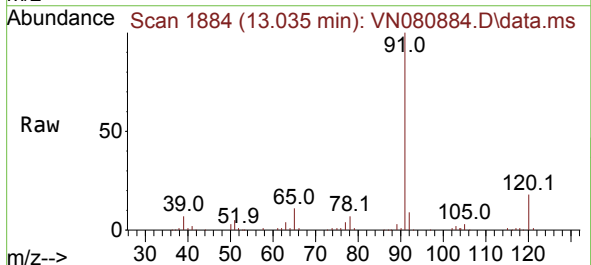
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202MBSD01

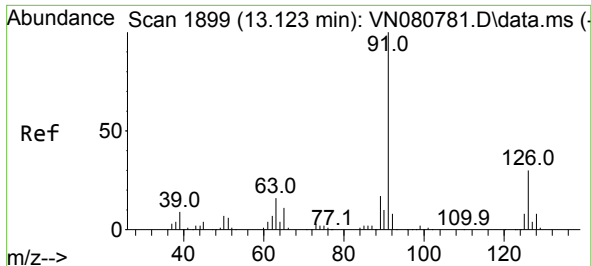
Tgt Ion:156 Resp: 28135  
Ion Ratio Lower Upper  
156 100  
77 292.5 138.1 414.3  
158 94.9 46.5 139.5



#78  
n-propylbenzene  
Concen: 22.398 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. -0.006 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

Tgt Ion: 91 Resp: 168049  
Ion Ratio Lower Upper  
91 100  
120 19.3 10.3 30.9

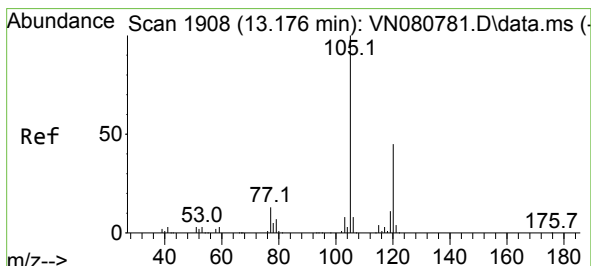
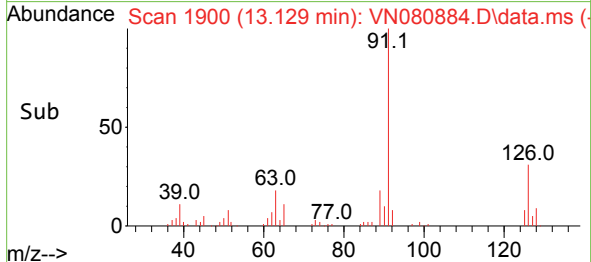
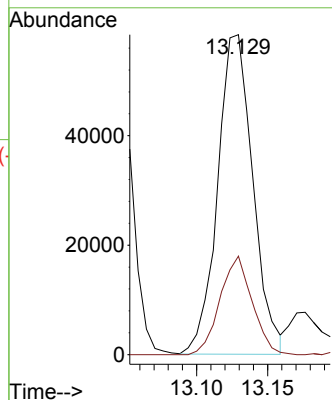
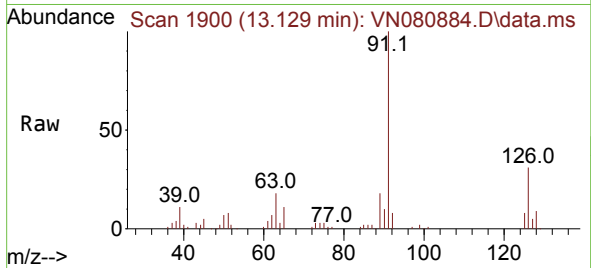




#79  
2-Chlorotoluene  
Concen: 21.127 ug/l  
RT: 13.129 min Scan# 1899  
Delta R.T. 0.006 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

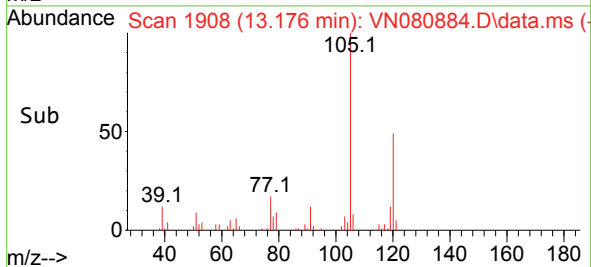
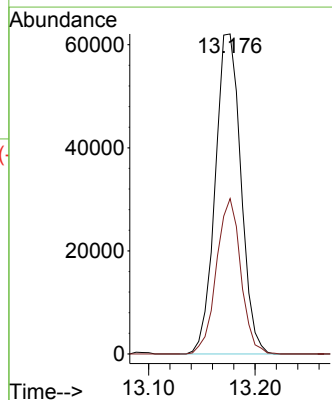
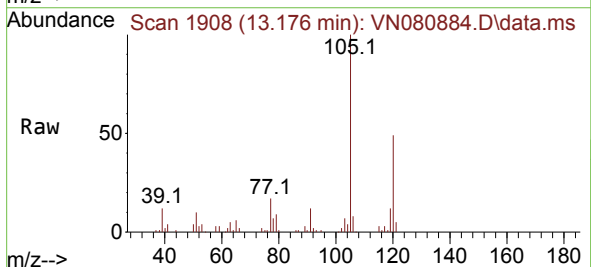
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202MBSD01

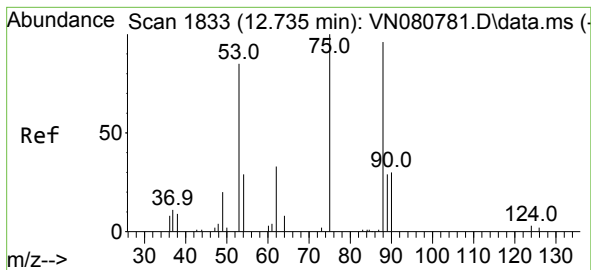
Tgt Ion: 91 Resp: 100749  
Ion Ratio Lower Upper  
91 100  
126 28.1 14.8 44.4



#80  
1,3,5-Trimethylbenzene  
Concen: 20.760 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

Tgt Ion: 105 Resp: 103835  
Ion Ratio Lower Upper  
105 100  
120 46.1 23.0 69.0

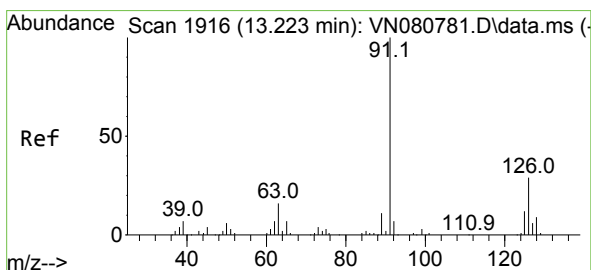
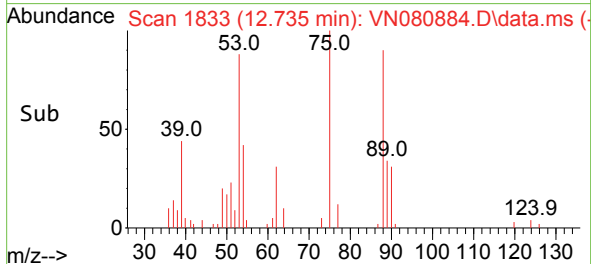
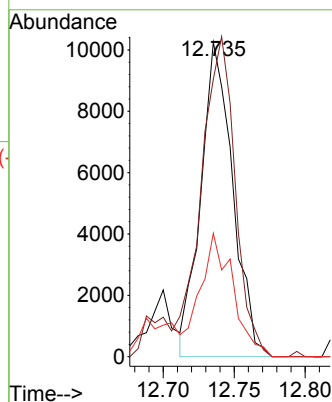
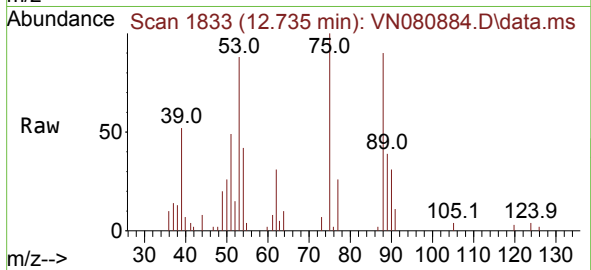




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.893 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. 0.000 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

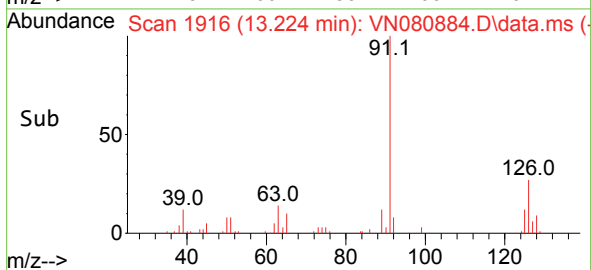
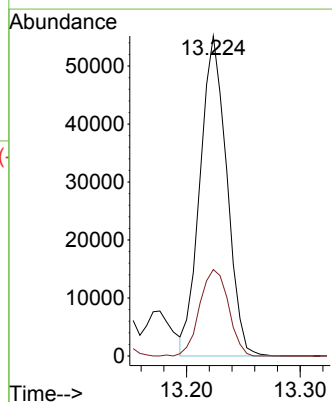
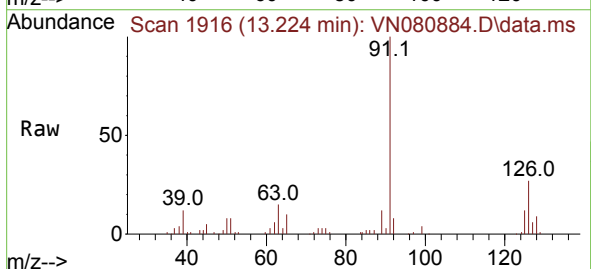
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202MBSD01

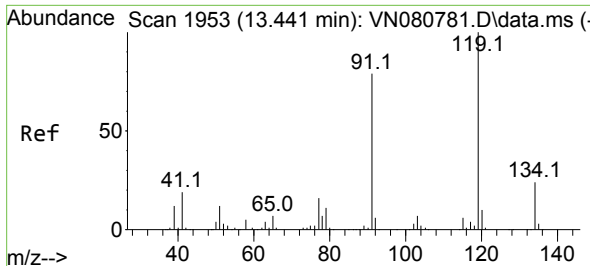
Tgt Ion: 75 Resp: 15972  
Ion Ratio Lower Upper  
75 100  
53 108.5 71.4 107.2#  
89 40.4 33.4 50.0



#82  
4-Chlorotoluene  
Concen: 19.087 ug/l  
RT: 13.224 min Scan# 1916  
Delta R.T. 0.000 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

Tgt Ion: 91 Resp: 90125  
Ion Ratio Lower Upper  
91 100  
126 29.0 15.3 45.9

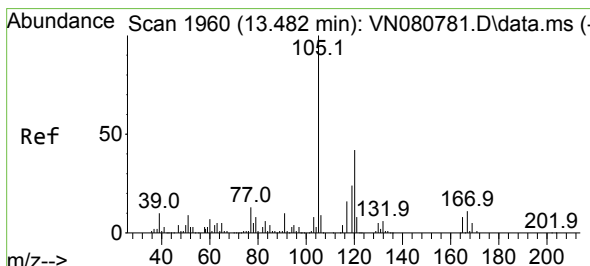
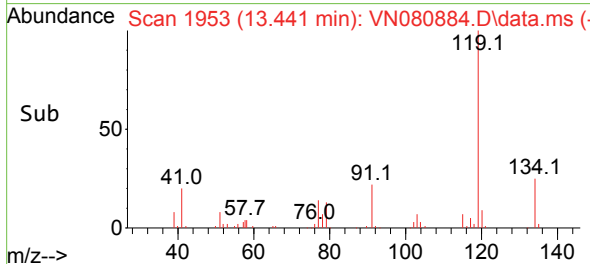
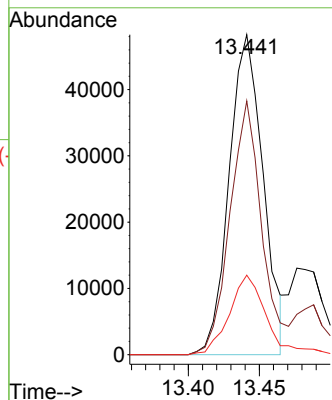
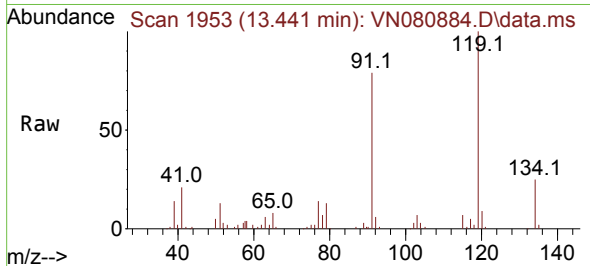




#83  
tert-Butylbenzene  
Concen: 20.123 ug/l  
RT: 13.441 min Scan# 1953  
Delta R.T. 0.000 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

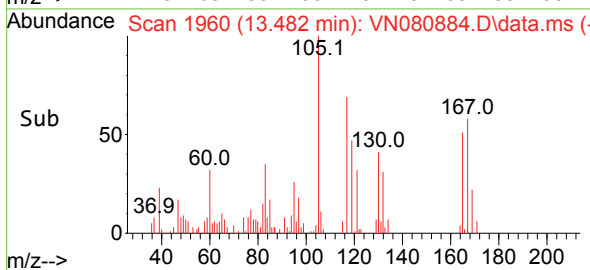
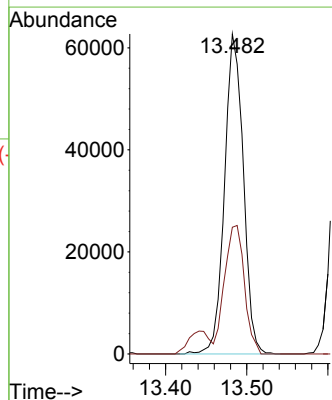
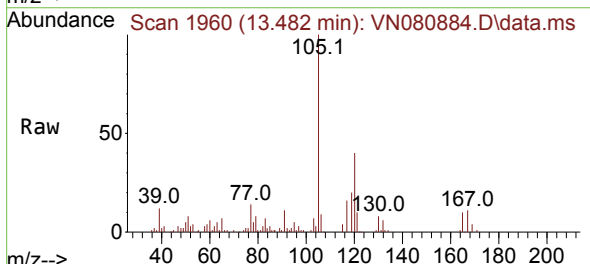
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202MBSD01

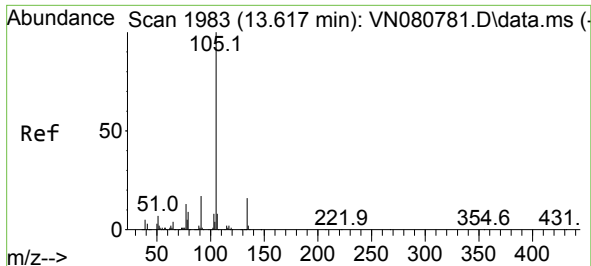
Tgt Ion:119 Resp: 80377  
Ion Ratio Lower Upper  
119 100  
91 74.8 36.8 110.4  
134 27.0 12.4 37.4



#84  
1,2,4-Trimethylbenzene  
Concen: 19.905 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. 0.000 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

Tgt Ion:105 Resp: 100872  
Ion Ratio Lower Upper  
105 100  
120 42.4 20.9 62.7

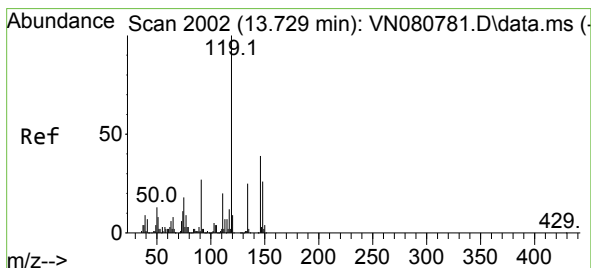
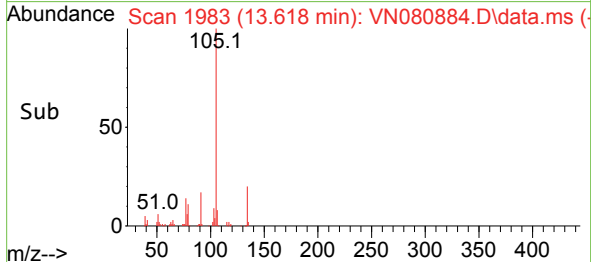
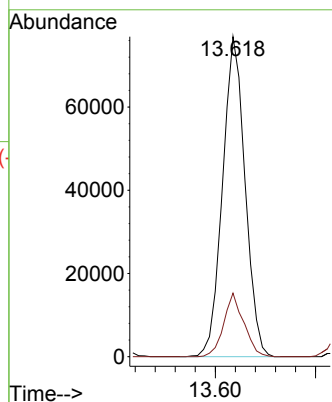
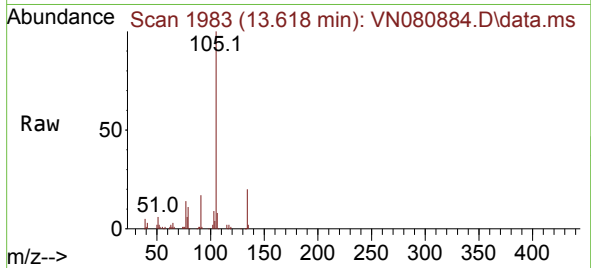




#85  
 sec-Butylbenzene  
 Concen: 20.353 ug/l  
 RT: 13.618 min Scan# 1983  
 Delta R.T. 0.000 min  
 Lab File: VN080884.D  
 Acq: 02 Feb 2024 19:27

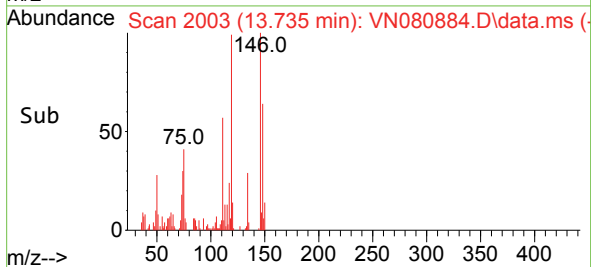
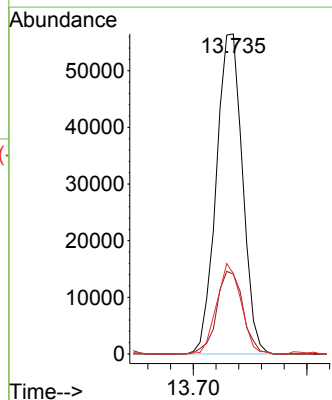
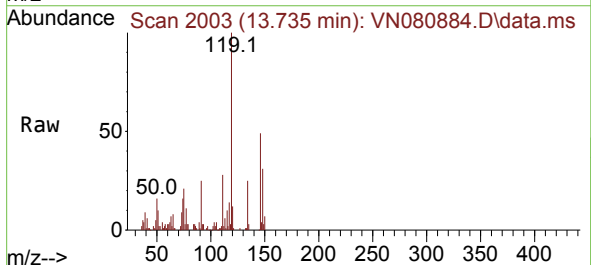
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0202MBSD01

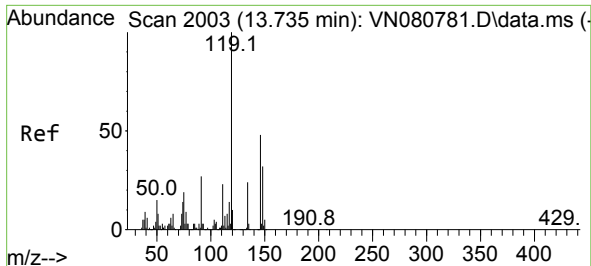
Tgt Ion:105 Resp: 119849  
 Ion Ratio Lower Upper  
 105 100  
 134 17.7 8.6 25.8



#86  
 p-Isopropyltoluene  
 Concen: 19.808 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.006 min  
 Lab File: VN080884.D  
 Acq: 02 Feb 2024 19:27

Tgt Ion:119 Resp: 90643  
 Ion Ratio Lower Upper  
 119 100  
 134 25.8 12.4 37.2  
 91 26.3 13.5 40.4

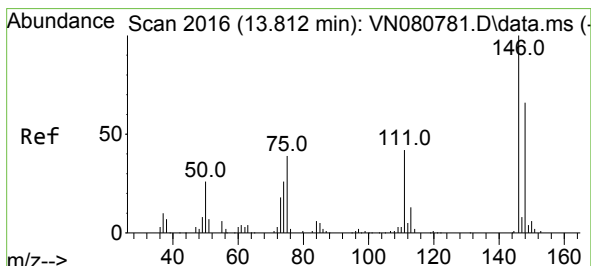
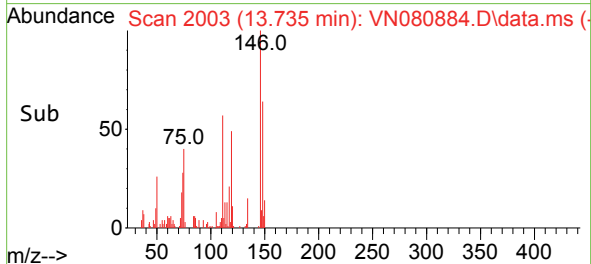
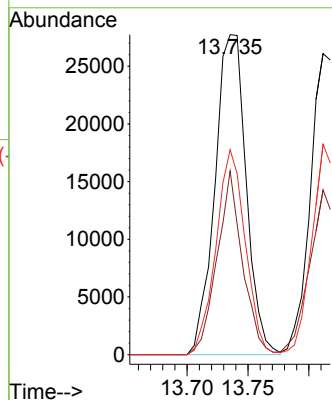
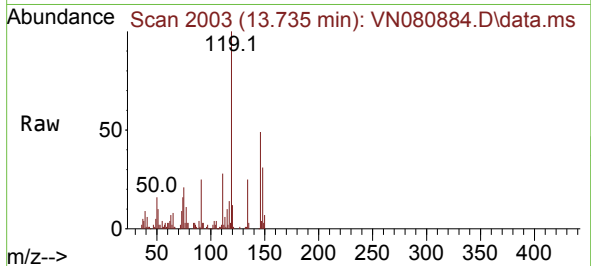




#87  
1,3-Dichlorobenzene  
Concen: 20.678 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. 0.000 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

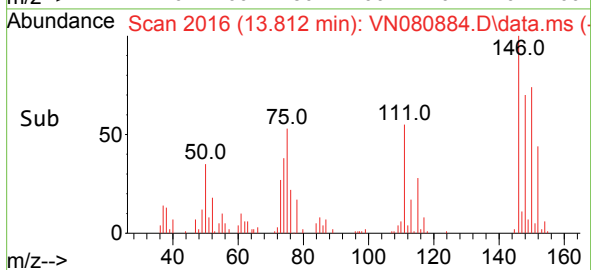
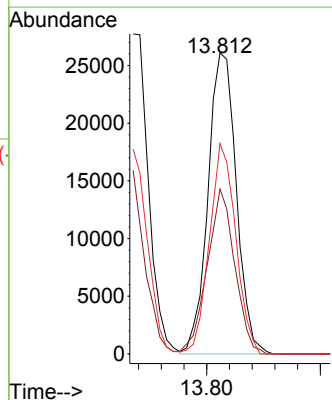
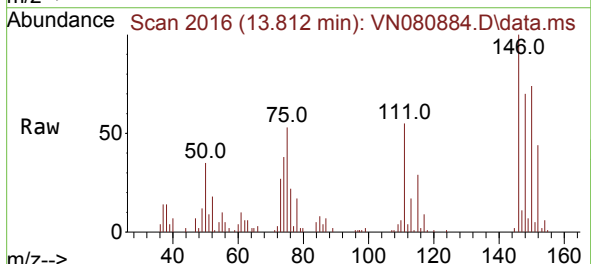
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202MBS01

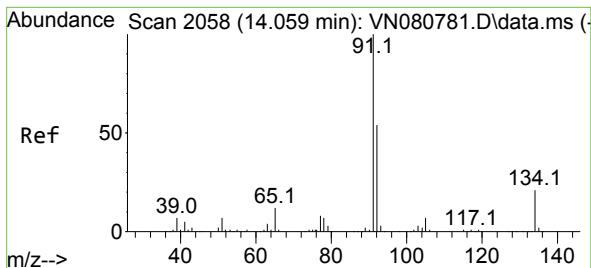
Tgt Ion:146 Resp: 49655  
Ion Ratio Lower Upper  
146 100  
111 46.6 23.9 71.7  
148 59.9 32.6 97.7



#88  
1,4-Dichlorobenzene  
Concen: 18.771 ug/l  
RT: 13.812 min Scan# 2016  
Delta R.T. 0.000 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

Tgt Ion:146 Resp: 45191  
Ion Ratio Lower Upper  
146 100  
111 53.4 22.6 67.7  
148 65.0 31.9 95.5





#89

n-Butylbenzene

Concen: 19.182 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080884.D

Acq: 02 Feb 2024 19:27

Instrument :

MSVOA\_N

ClientSampleId :

VN0202MBSD01

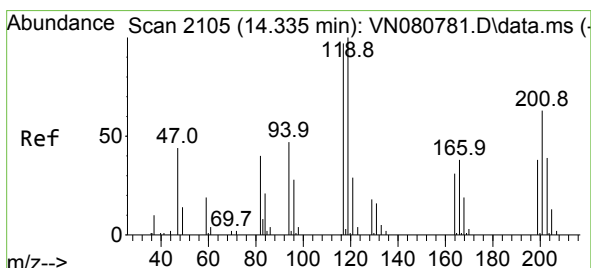
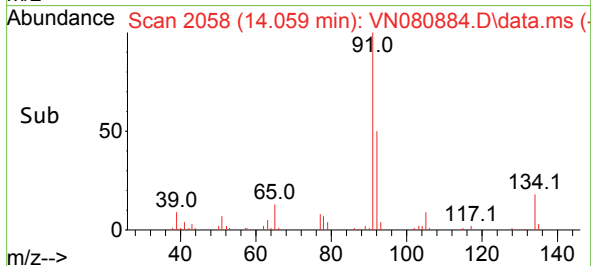
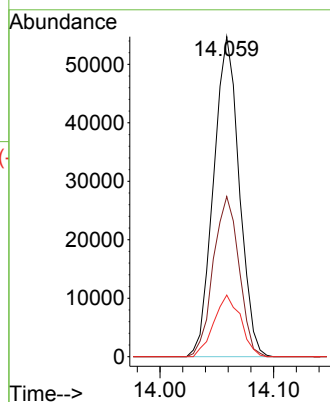
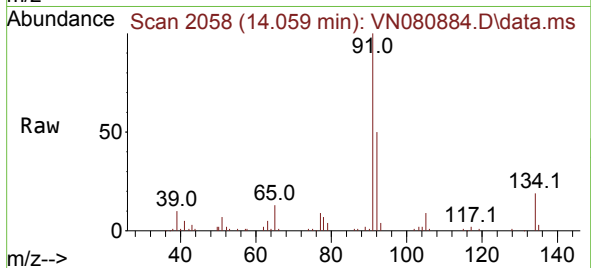
Tgt Ion: 91 Resp: 85901

Ion Ratio Lower Upper

91 100

92 50.2 26.7 80.1

134 20.2 10.8 32.4



#90

Hexachloroethane

Concen: 19.319 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080884.D

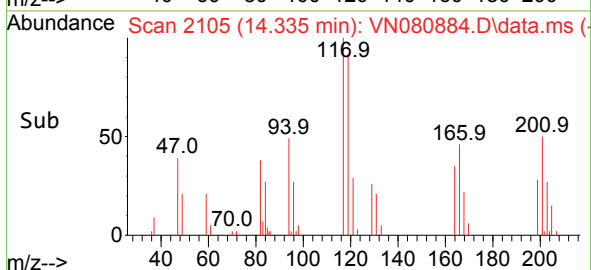
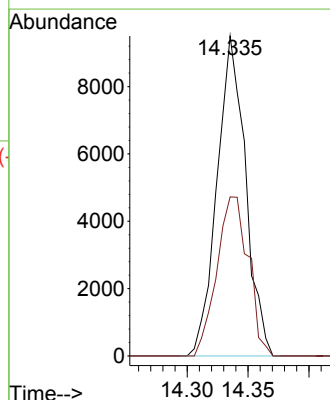
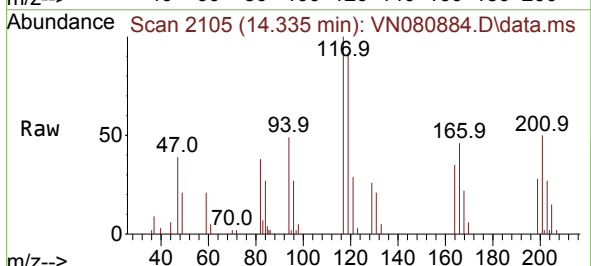
Acq: 02 Feb 2024 19:27

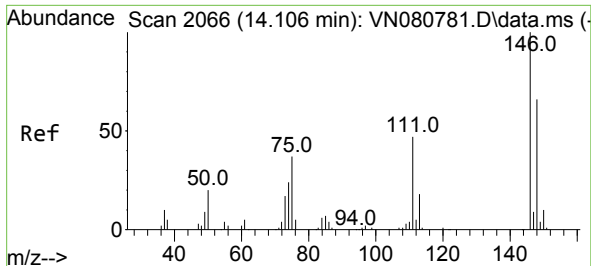
Tgt Ion: 117 Resp: 15469

Ion Ratio Lower Upper

117 100

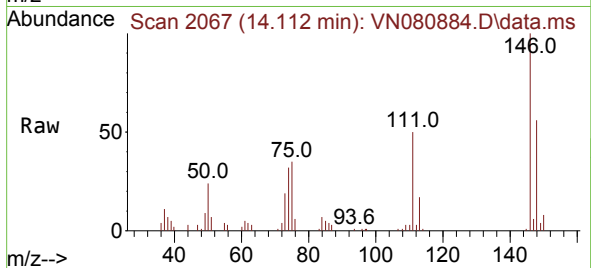
201 55.1 30.0 90.0



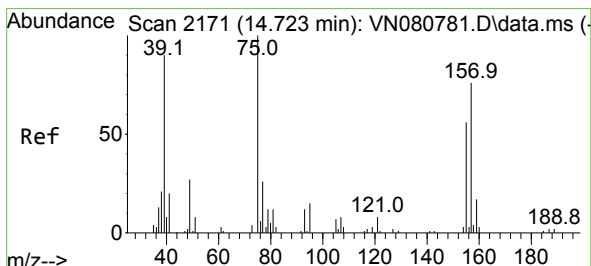
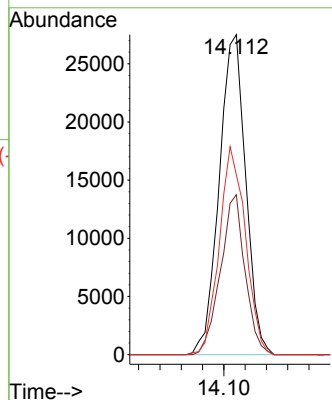
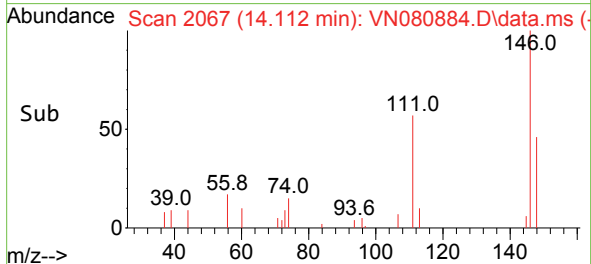


#91  
1,2-Dichlorobenzene  
Concen: 21.623 ug/l  
RT: 14.112 min Scan# 2067  
Delta R.T. 0.006 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27

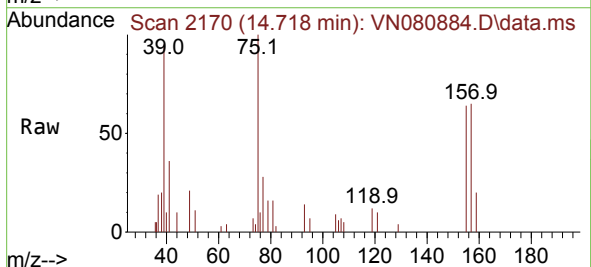
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202MBSD01



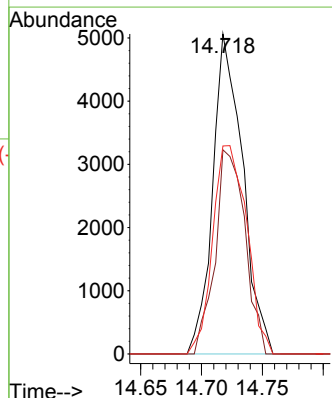
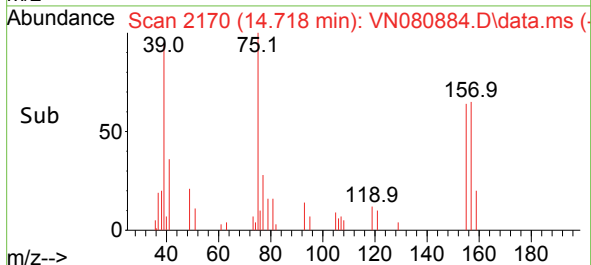
Tgt Ion:146 Resp: 47525  
Ion Ratio Lower Upper  
146 100  
111 46.4 23.9 71.8  
148 64.0 31.4 94.0

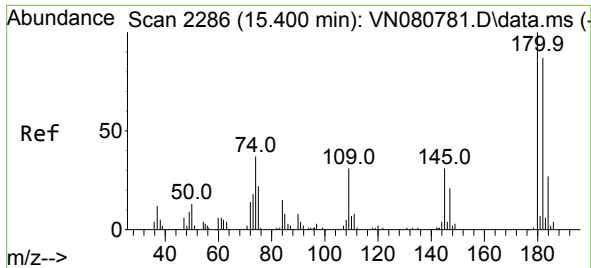


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.919 ug/l  
RT: 14.718 min Scan# 2170  
Delta R.T. -0.006 min  
Lab File: VN080884.D  
Acq: 02 Feb 2024 19:27



Tgt Ion: 75 Resp: 8638  
Ion Ratio Lower Upper  
75 100  
155 63.8 31.8 95.4  
157 74.0 41.1 123.4

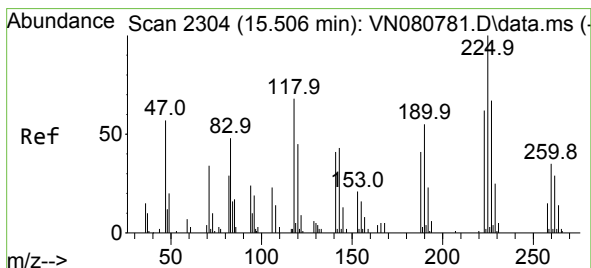
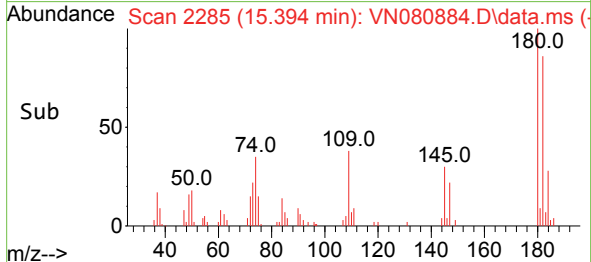
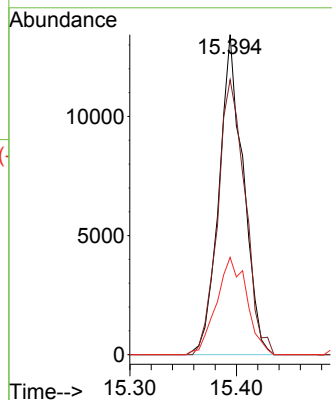
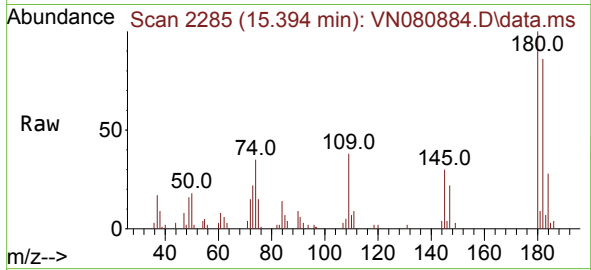




#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.779 ug/l  
 RT: 15.394 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: VN080884.D  
 Acq: 02 Feb 2024 19:27

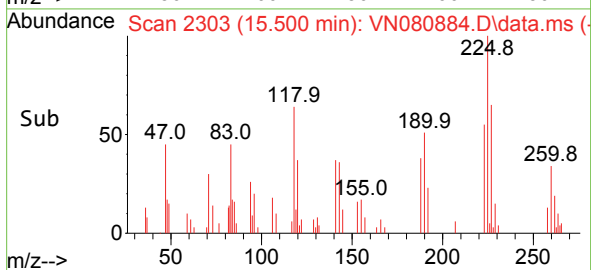
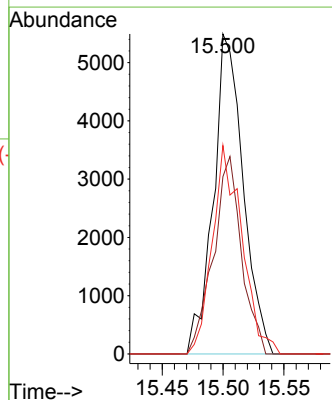
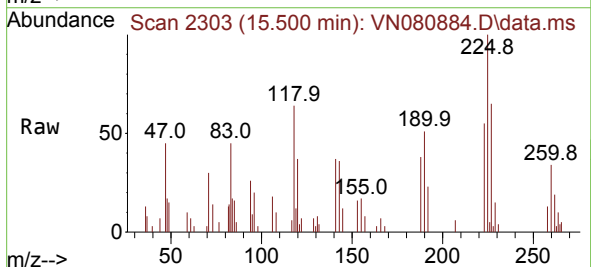
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0202MBSD01

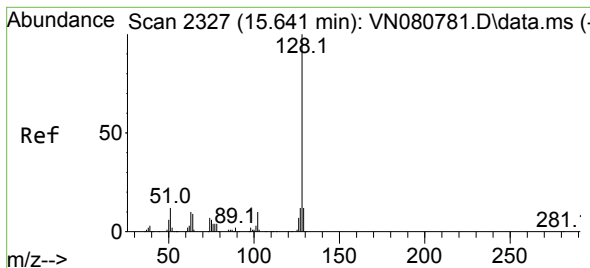
Tgt Ion:180 Resp: 21243  
 Ion Ratio Lower Upper  
 180 100  
 182 96.9 46.6 139.7  
 145 38.0 16.8 50.3



#94  
 Hexachlorobutadiene  
 Concen: 18.919 ug/l  
 RT: 15.500 min Scan# 2303  
 Delta R.T. -0.006 min  
 Lab File: VN080884.D  
 Acq: 02 Feb 2024 19:27

Tgt Ion:225 Resp: 9350  
 Ion Ratio Lower Upper  
 225 100  
 223 58.4 33.3 99.8  
 227 64.7 33.1 99.2





#95

Naphthalene

Concen: 19.651 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN080884.D

Acq: 02 Feb 2024 19:27

Instrument :

MSVOA\_N

ClientSampleId :

VN0202MBSD01

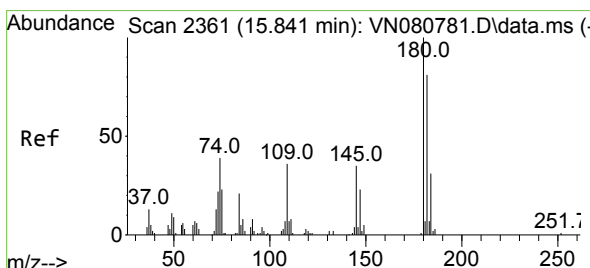
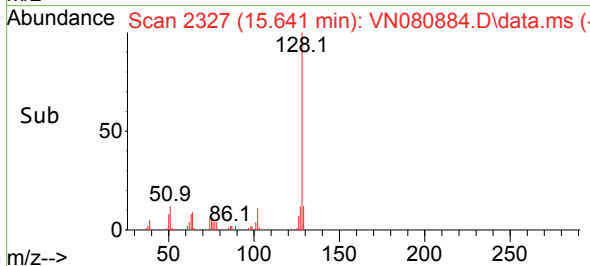
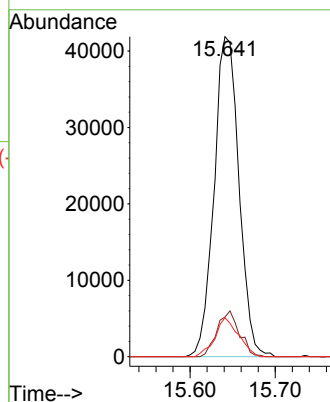
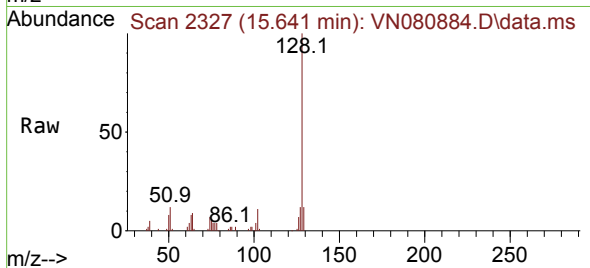
Tgt Ion:128 Resp: 85063

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 11.5 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.869 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN080884.D

Acq: 02 Feb 2024 19:27

Tgt Ion:180 Resp: 20981

Ion Ratio Lower Upper

180 100

182 105.0 46.5 139.3

145 40.6 17.8 53.4

