

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN021424\  
 Data File : VN081025.D  
 Acq On : 14 Feb 2024 15:00  
 Operator : JC\MD  
 Sample : VSTDICV050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Feb 15 08:00:16 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021424W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 15 07:59:19 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 624897   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 1076211  | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 966417   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 351543   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 366254   | 47.650   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 95.300%  |
| 35) Dibromofluoromethane    | 8.171  | 113   | 303092   | 49.120   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 98.240%  |
| 50) Toluene-d8              | 10.571 | 98    | 1084950  | 49.856   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 99.720%  |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 372311   | 50.304   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 100.600% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 422148  | 52.673  | ug/l   | 95  |
| 3) Chloromethane             | 2.359 | 50  | 481953  | 49.829  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.512 | 62  | 411640  | 48.905  | ug/l   | 93  |
| 5) Bromomethane              | 2.948 | 94  | 196968  | 46.380  | ug/l   | 100 |
| 6) Chloroethane              | 3.112 | 64  | 250971  | 46.375  | ug/l   | 94  |
| 7) Trichlorofluoromethane    | 3.501 | 101 | 579139  | 48.882  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.953 | 74  | 229985  | 48.961  | ug/l   | 85  |
| 9) 1,1,2-Trichlorotrifluo... | 4.365 | 101 | 350213  | 50.090  | ug/l   | 90  |
| 10) Methyl Iodide            | 4.583 | 142 | 338748  | 47.710  | ug/l   | 97  |
| 11) Tert butyl alcohol       | 5.512 | 59  | 346085  | 251.015 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 4.336 | 96  | 343986  | 50.507  | ug/l   | 94  |
| 13) Acrolein                 | 4.177 | 56  | 262803  | 239.696 | ug/l   | 97  |
| 14) Allyl chloride           | 5.018 | 41  | 546612  | 49.282  | ug/l   | 99  |
| 15) Acrylonitrile            | 5.718 | 53  | 889679  | 251.951 | ug/l   | 98  |
| 16) Acetone                  | 4.424 | 43  | 673884  | 223.960 | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.712 | 76  | 911521  | 46.192  | ug/l # | 94  |
| 18) Methyl Acetate           | 5.018 | 43  | 389143  | 49.103  | ug/l   | 93  |
| 19) Methyl tert-butyl Ether  | 5.795 | 73  | 1172211 | 49.326  | ug/l   | 97  |
| 20) Methylene Chloride       | 5.277 | 84  | 372571  | 47.537  | ug/l   | 94  |
| 21) trans-1,2-Dichloroethene | 5.783 | 96  | 356621  | 47.628  | ug/l   | 96  |
| 22) Diisopropyl ether        | 6.671 | 45  | 1184803 | 48.838  | ug/l # | 95  |
| 23) Vinyl Acetate            | 6.600 | 43  | 4874518 | 249.287 | ug/l # | 93  |
| 24) 1,1-Dichloroethane       | 6.565 | 63  | 669671  | 49.500  | ug/l   | 96  |
| 25) 2-Butanone               | 7.483 | 43  | 1156344 | 236.720 | ug/l   | 94  |
| 26) 2,2-Dichloropropane      | 7.489 | 77  | 633781  | 50.902  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 7.483 | 96  | 416498  | 48.131  | ug/l   | 92  |
| 28) Bromochloromethane       | 7.812 | 49  | 243751  | 44.629  | ug/l # | 73  |
| 29) Tetrahydrofuran          | 7.836 | 42  | 767801  | 244.572 | ug/l # | 88  |
| 30) Chloroform               | 7.965 | 83  | 699351  | 48.169  | ug/l   | 99  |
| 31) Cyclohexane              | 8.259 | 56  | 630692  | 47.233  | ug/l # | 83  |
| 32) 1,1,1-Trichloroethane    | 8.171 | 97  | 625285  | 48.773  | ug/l   | 95  |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 526428  | 51.133  | ug/l   | 96  |
| 37) Ethyl Acetate            | 7.559 | 43  | 489965  | 52.025  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 8.365 | 117 | 433503  | 57.526  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.600 | 83  | 667735  | 52.718  | ug/l   | 91  |
| 40) Benzene                  | 8.606 | 78  | 1525732 | 50.114  | ug/l   | 97  |

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 Operator : JC\MD  
 Sample : VSTDICV050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Feb 15 08:00:16 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021424W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 15 07:59:19 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 282428   | 49.401   | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 538813   | 49.858   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 871445   | 49.389   | ug/l # | 96       |
| 44) Trichloroethene           | 9.353  | 130  | 434199   | 48.151   | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 381056   | 50.597   | ug/l   | 97       |
| 46) Dibromomethane            | 9.712  | 93   | 268195   | 50.450   | ug/l # | 91       |
| 47) Bromodichloromethane      | 9.888  | 83   | 533731   | 51.228   | ug/l # | 96       |
| 48) Methyl methacrylate       | 9.683  | 41   | 411283   | 49.508   | ug/l   | 93       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 150523   | 1062.045 | ug/l # | 86       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 2540396  | 258.166  | ug/l   | 96       |
| 52) Toluene                   | 10.630 | 92   | 974692   | 51.251   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 632188   | 51.504   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 659467   | 50.801   | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 367443   | 51.379   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.877 | 69   | 612470   | 52.304   | ug/l   | 91       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 654053   | 51.194   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 1236922  | 212.880  | ug/l # | 89       |
| 59) 2-Hexanone                | 11.194 | 43   | 1887185  | 261.137  | ug/l   | 97       |
| 60) Dibromochloromethane      | 11.359 | 129  | 368776   | 54.229   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 382104   | 50.813   | ug/l   | 97       |
| 64) Tetrachloroethene         | 11.106 | 164  | 472730   | 47.982   | ug/l   | 90       |
| 65) Chlorobenzene             | 11.894 | 112  | 995870   | 49.143   | ug/l   | 94       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 343262   | 49.200   | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.965 | 91   | 1913990  | 50.098   | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.071 | 106  | 1378471  | 97.842   | ug/l   | 100      |
| 69) o-Xylene                  | 12.400 | 106  | 667323   | 48.838   | ug/l   | 100      |
| 70) Styrene                   | 12.412 | 104  | 1081069  | 49.640   | ug/l   | 99       |
| 71) Bromoform                 | 12.576 | 173  | 193387   | 54.482   | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.694 | 105  | 1751436  | 49.311   | ug/l   | 98       |
| 74) N-amyl acetate            | 12.494 | 43   | 785233   | 48.053   | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 412428   | 47.309   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 586010   | 75.442   | ug/l   | 68       |
| 77) Bromobenzene              | 12.982 | 156  | 349126   | 48.529   | ug/l   | 80       |
| 78) n-propylbenzene           | 13.035 | 91   | 2068642  | 51.040   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 1144605  | 48.895   | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 1373261  | 49.834   | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 160942   | 48.232   | ug/l # | 78       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 1119263  | 49.477   | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 1159304  | 49.128   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 1330790  | 50.123   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.618 | 105  | 1668470  | 51.538   | ug/l   | 95       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 1337388  | 51.371   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 595357   | 48.665   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 594584   | 47.039   | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.059 | 91   | 1193976  | 50.103   | ug/l   | 97       |
| 90) Hexachloroethane          | 14.335 | 117  | 37654    | 62.141   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 567991   | 47.895   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 90935    | 51.308   | ug/l   | 85       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 345259   | 48.597   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 143160   | 48.720   | ug/l   | 95       |
| 95) Naphthalene               | 15.641 | 128  | 1202564  | 47.578   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 341306   | 49.022   | ug/l   | 99       |

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Sample : VSTDICV050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Feb 15 08:00:16 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021424W.M  
Quant Title : SW846 8260  
QLast Update : Thu Feb 15 07:59:19 2024  
Response via : Initial Calibration

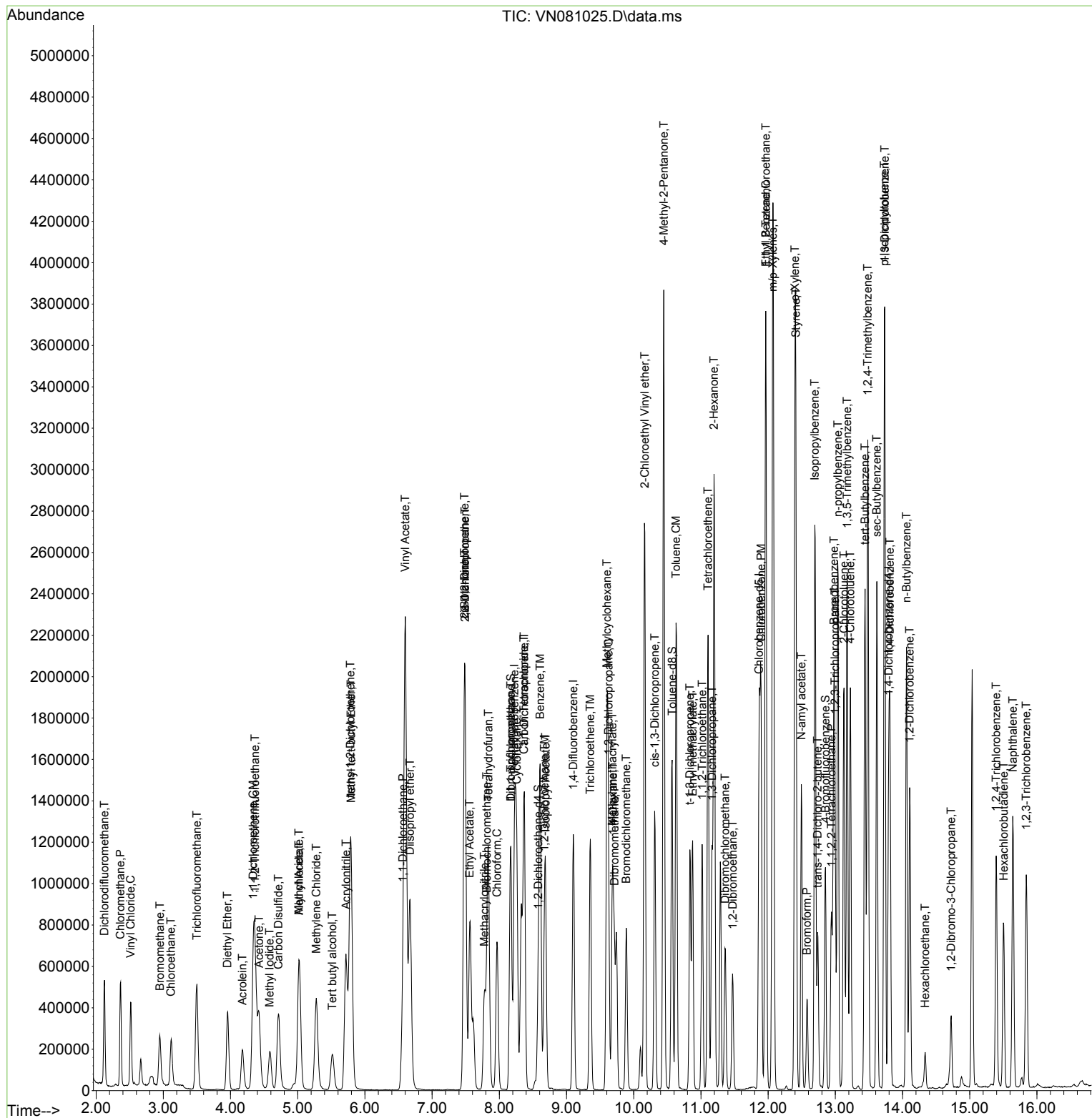
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

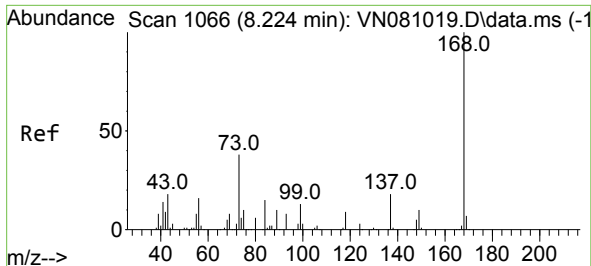
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN021424\  
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 Sample : VSTDICV050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

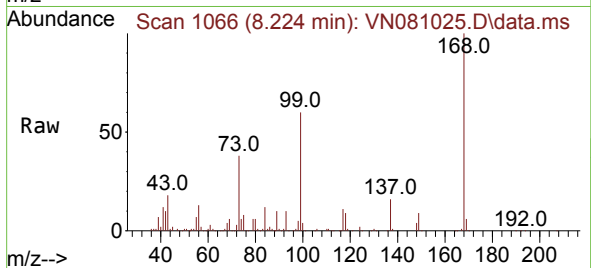
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 Quant Title : SW846 8260  
 QLast Update : Thu Feb 15 07:59:19 2024  
 Response via : Initial Calibration



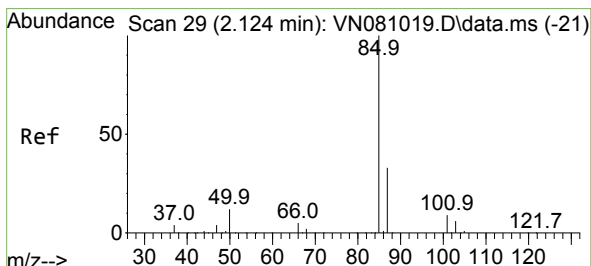
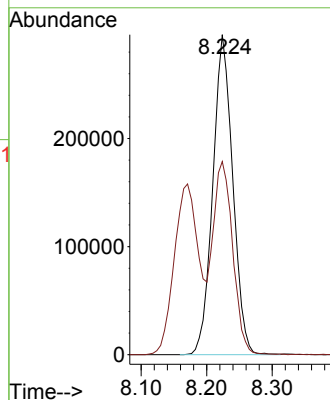
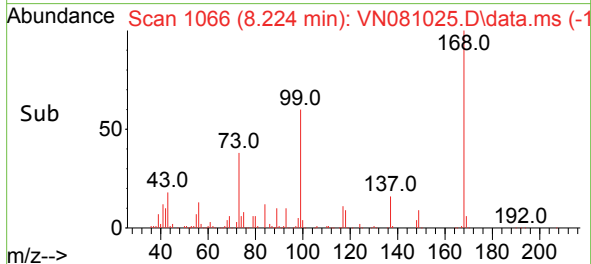


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

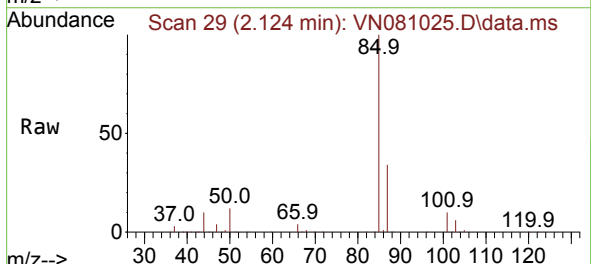
Instrument :  
MSVOA\_N  
ClientSampleId :



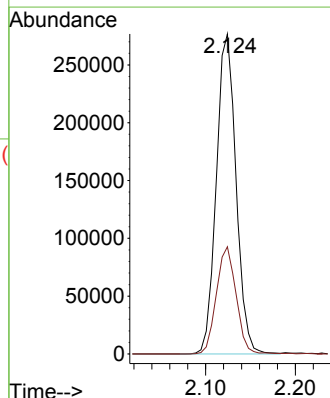
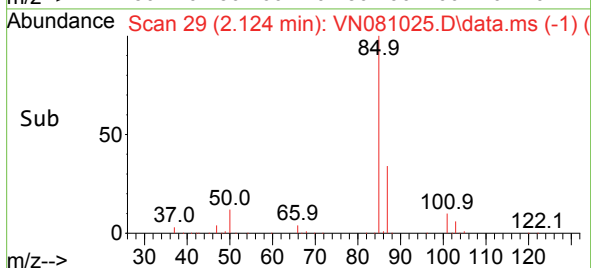
Tgt Ion:168 Resp: 624897  
Ion Ratio Lower Upper  
168 100  
99 60.2 59.9 89.9

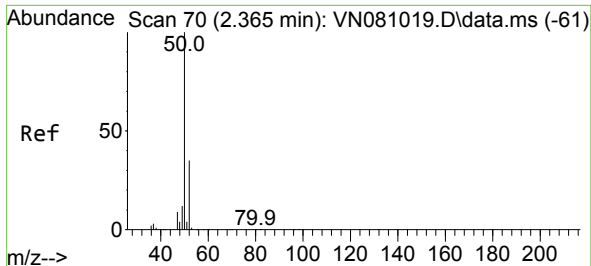


#2  
Dichlorodifluoromethane  
Concen: 52.673 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00



Tgt Ion: 85 Resp: 422148  
Ion Ratio Lower Upper  
85 100  
87 33.5 15.3 45.9

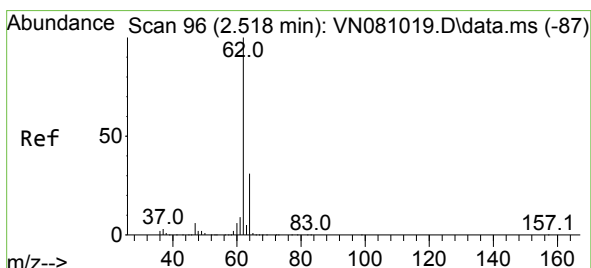
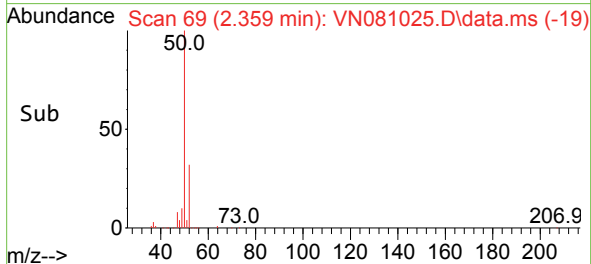
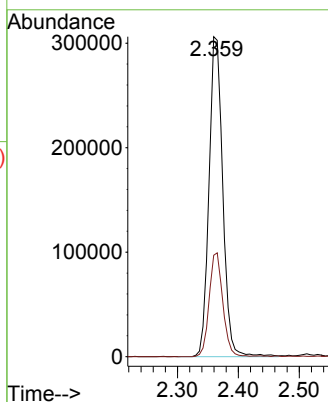
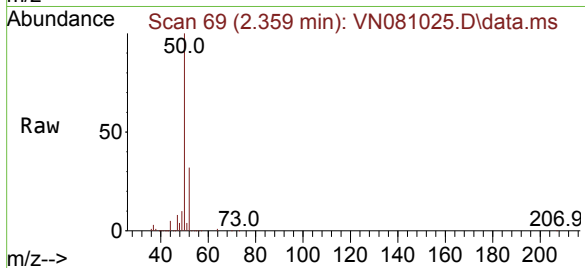




#3  
Chloromethane  
Concen: 49.829 ug/l  
RT: 2.359 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

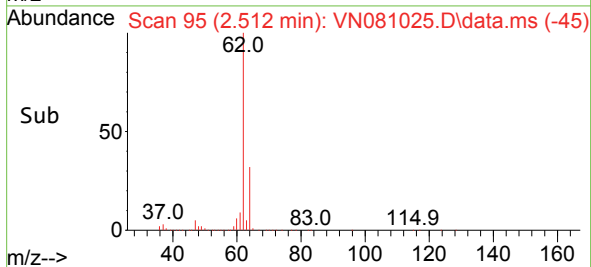
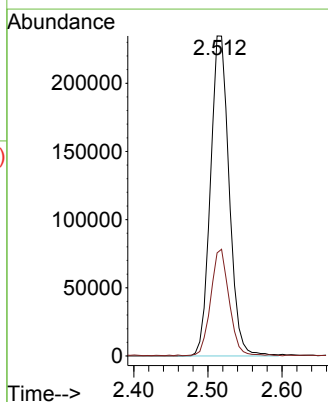
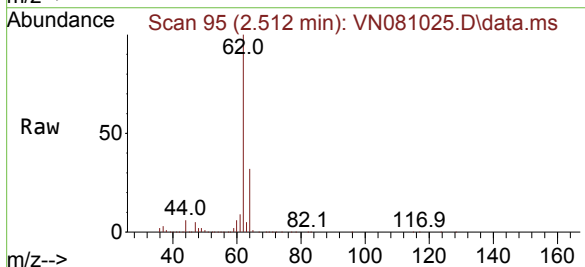
Instrument :  
MSVOA\_N  
ClientSampleId :

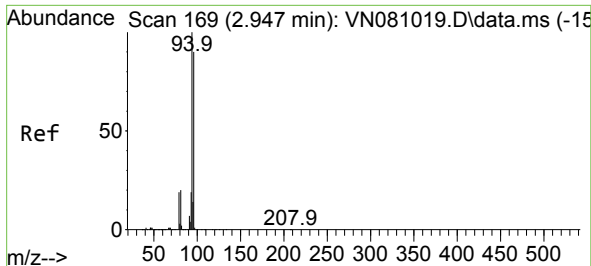
Tgt Ion: 50 Resp: 481953  
Ion Ratio Lower Upper  
50 100  
52 31.7 25.0 37.4



#4  
Vinyl Chloride  
Concen: 48.905 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. -0.006 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

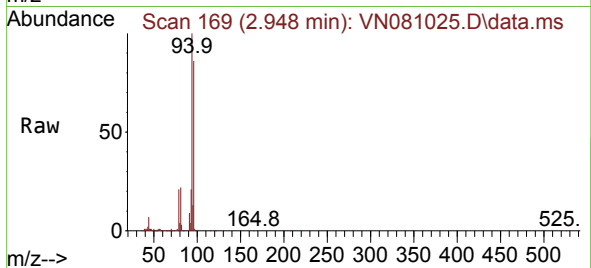
Tgt Ion: 62 Resp: 411640  
Ion Ratio Lower Upper  
62 100  
64 32.0 22.7 34.1



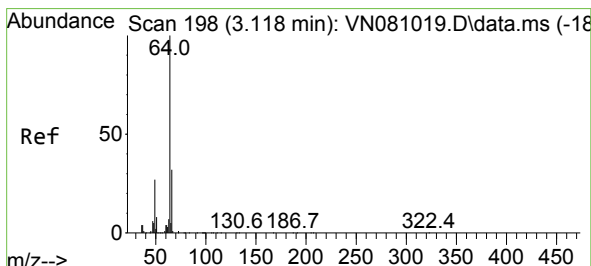
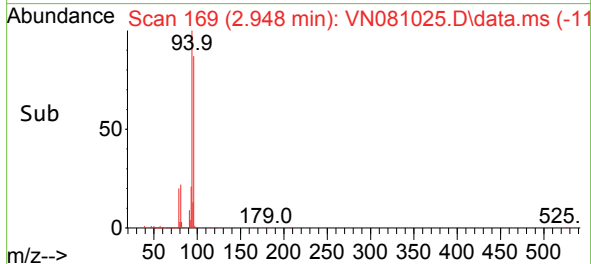
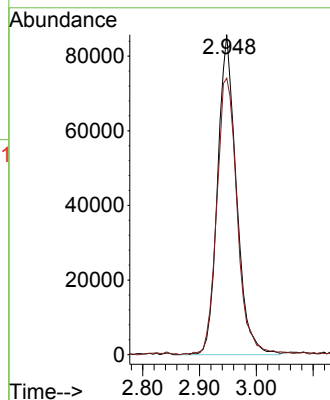


#5  
Bromomethane  
Concen: 46.380 ug/l  
RT: 2.948 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

Instrument :  
MSVOA\_N  
ClientSampleId :

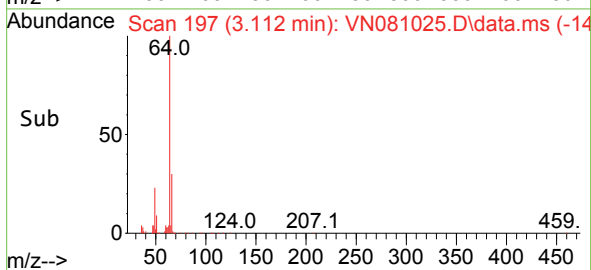
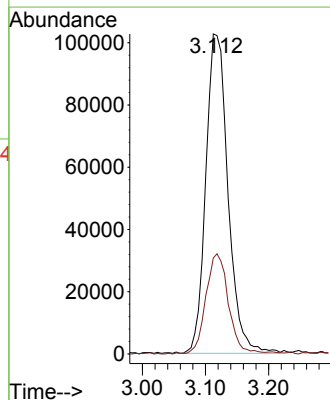
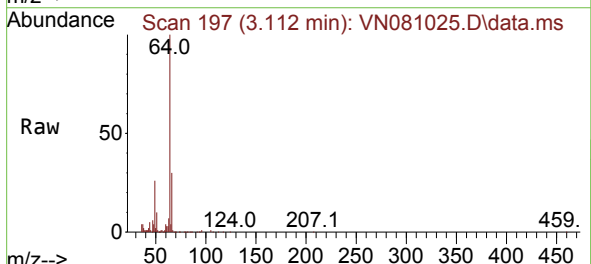


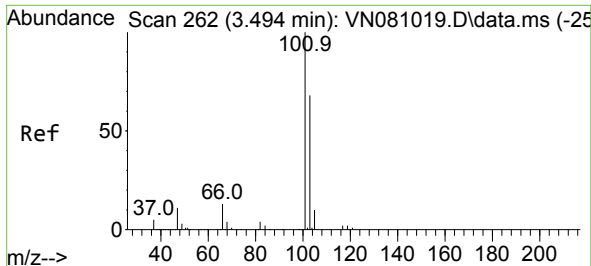
Tgt Ion: 94 Resp: 196968  
Ion Ratio Lower Upper  
94 100  
96 86.4 69.2 103.8



#6  
Chloroethane  
Concen: 46.375 ug/l  
RT: 3.112 min Scan# 197  
Delta R.T. -0.006 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

Tgt Ion: 64 Resp: 250971  
Ion Ratio Lower Upper  
64 100  
66 29.8 26.4 39.6

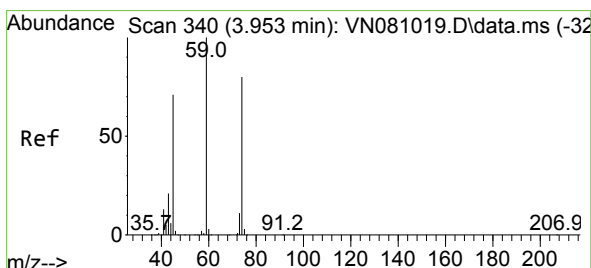
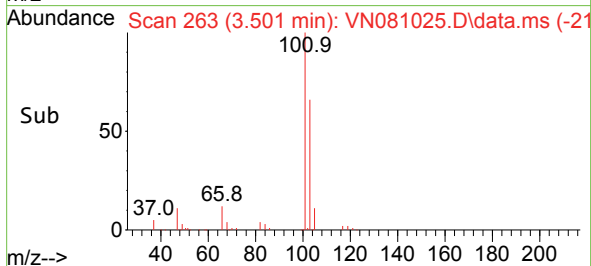
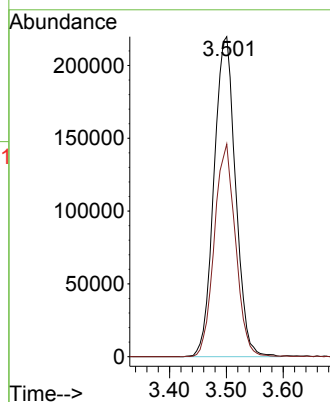
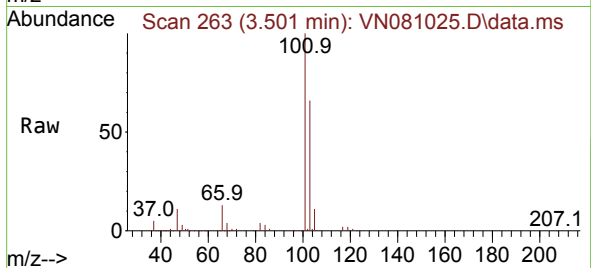




#7  
Trichlorofluoromethane  
Concen: 48.882 ug/l  
RT: 3.501 min Scan# 20  
Delta R.T. 0.006 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

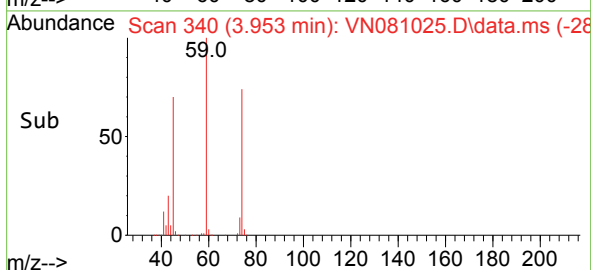
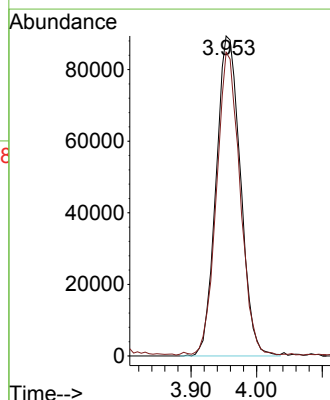
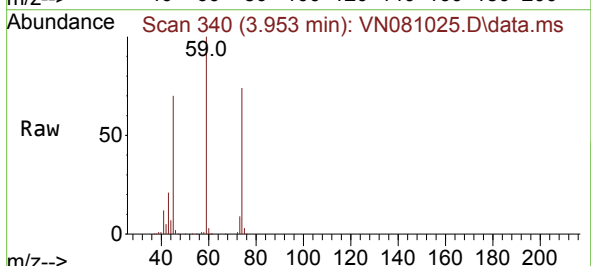
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:101 Resp: 579139  
Ion Ratio Lower Upper  
101 100  
103 66.5 54.4 81.6

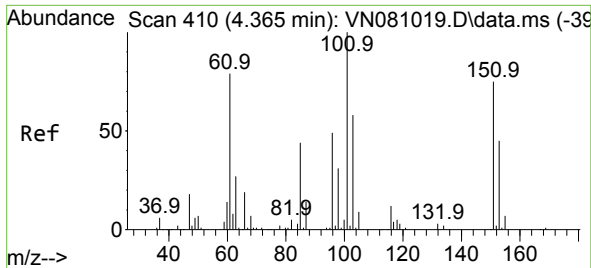


#8  
Diethyl Ether  
Concen: 48.961 ug/l  
RT: 3.953 min Scan# 340  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

Tgt Ion: 74 Resp: 229985  
Ion Ratio Lower Upper  
74 100  
45 91.1 53.3 159.9



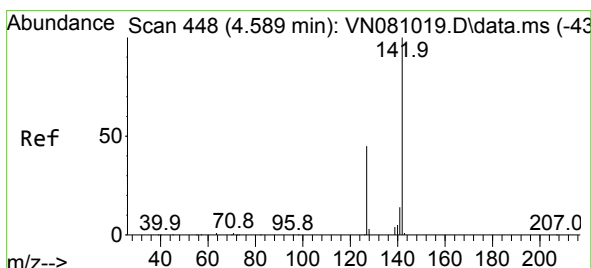
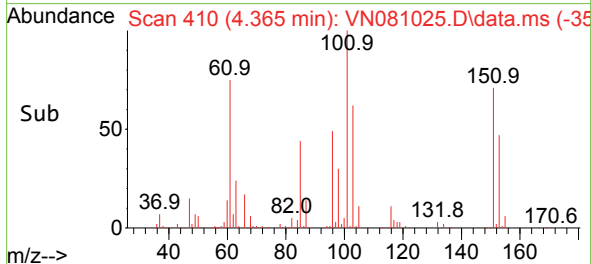
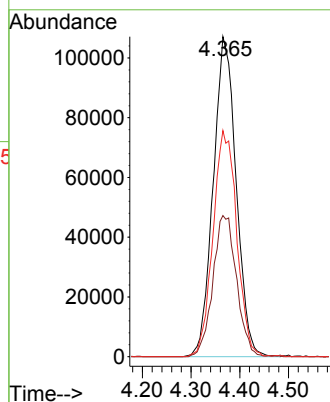
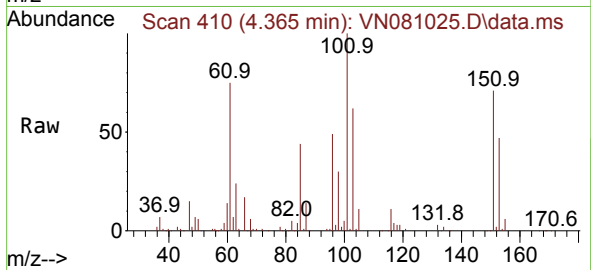




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.090 ug/l  
RT: 4.365 min Scan# 410  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

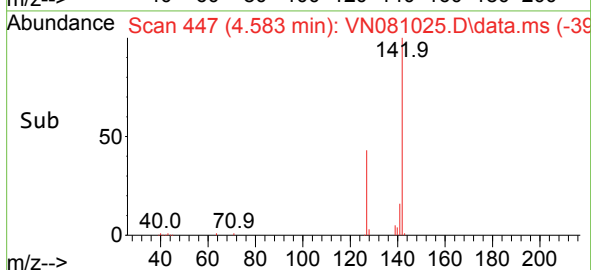
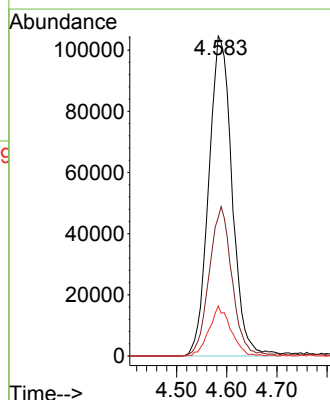
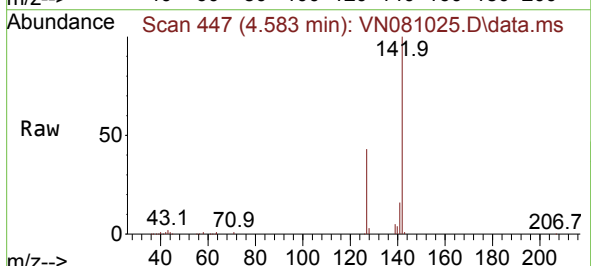
Instrument :  
MSVOA\_N  
ClientSampleId :

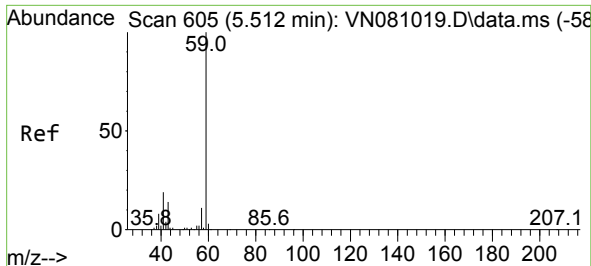
Tgt Ion:101 Resp: 350213  
Ion Ratio Lower Upper  
101 100  
85 45.5 38.1 57.1  
151 73.1 49.1 73.7



#10  
Methyl Iodide  
Concen: 47.710 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. -0.006 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

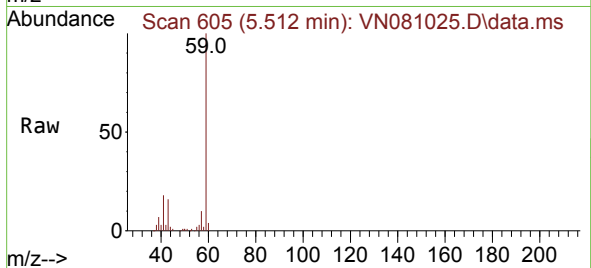
Tgt Ion:142 Resp: 338748  
Ion Ratio Lower Upper  
142 100  
127 43.4 37.0 55.4  
141 15.6 12.5 18.7



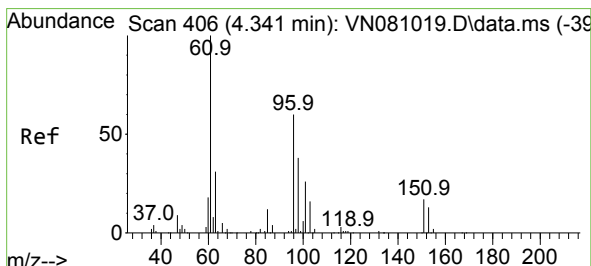
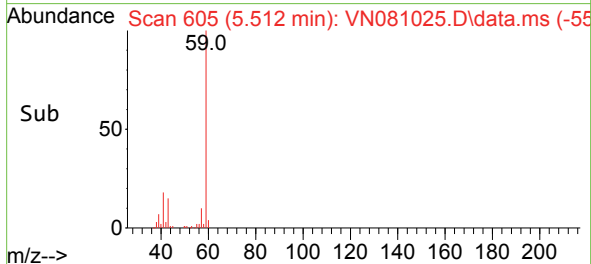
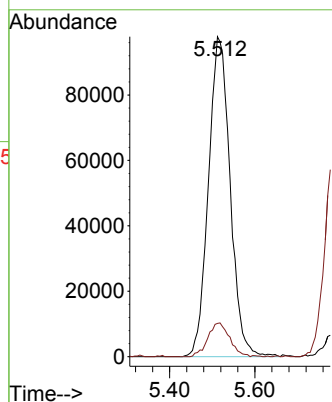


#11  
Tert butyl alcohol  
Concen: 251.015 ug/l  
RT: 5.512 min Scan# 605  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

Instrument :  
MSVOA\_N  
ClientSampleId :

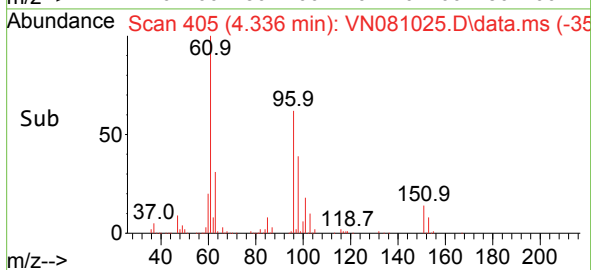
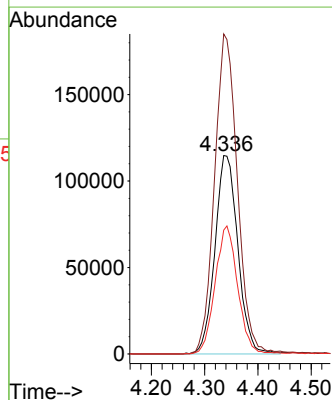
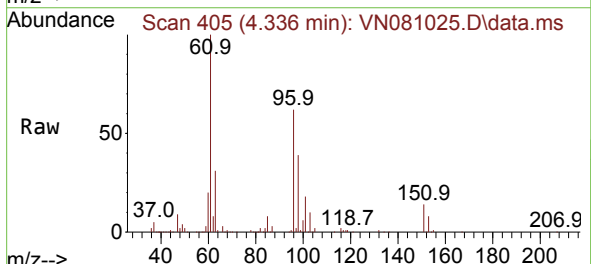


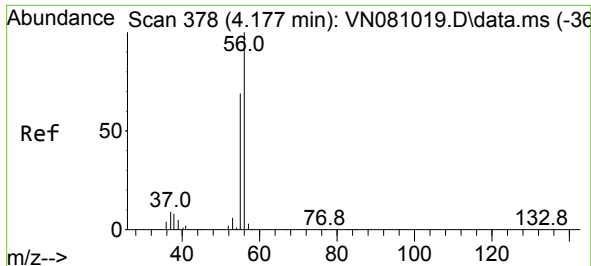
Tgt Ion: 59 Resp: 346085  
Ion Ratio Lower Upper  
59 100  
57 10.6 8.6 12.8



#12  
1,1-Dichloroethene  
Concen: 50.507 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. -0.006 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

Tgt Ion: 96 Resp: 343986  
Ion Ratio Lower Upper  
96 100  
61 161.2 138.2 207.4  
98 62.4 49.2 73.8

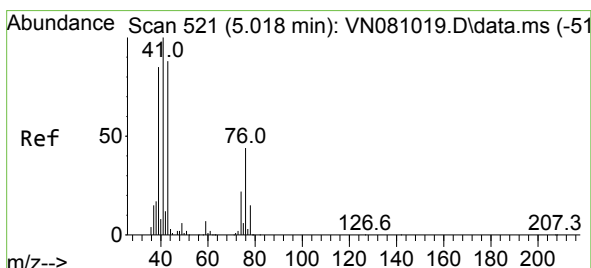
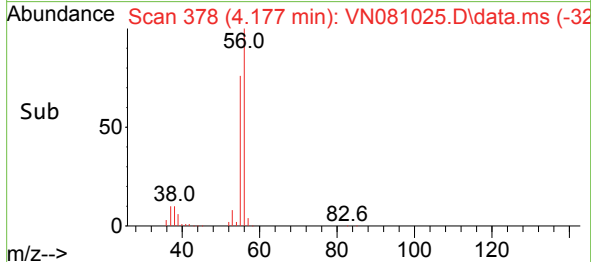
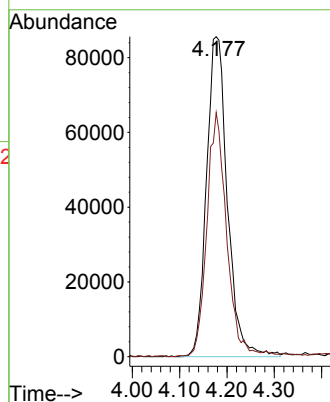
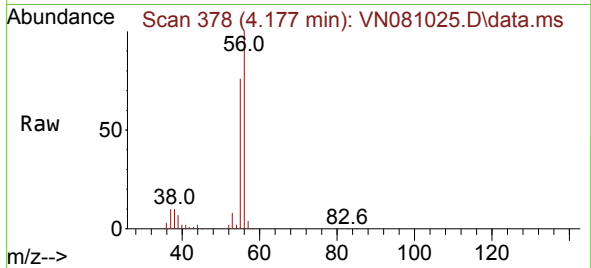




#13  
Acrolein  
Concen: 239.696 ug/l  
RT: 4.177 min Scan# 378  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

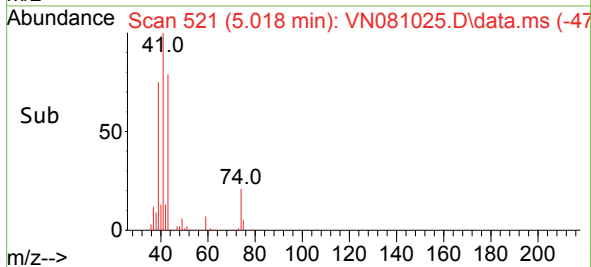
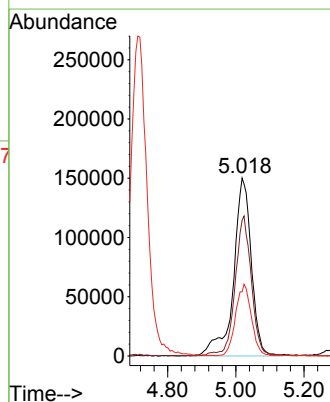
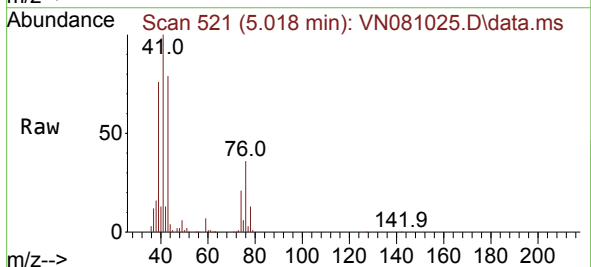
Instrument :  
MSVOA\_N  
ClientSampleId :

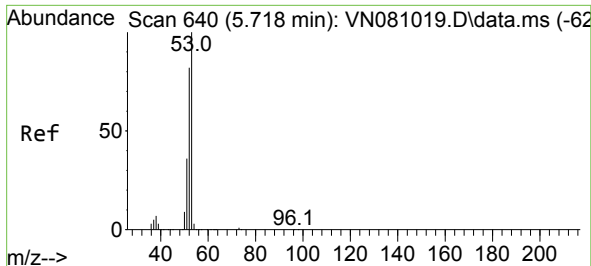
Tgt Ion: 56 Resp: 262803  
Ion Ratio Lower Upper  
56 100  
55 71.5 55.3 82.9



#14  
Allyl chloride  
Concen: 49.282 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

Tgt Ion: 41 Resp: 546612  
Ion Ratio Lower Upper  
41 100  
39 71.5 57.7 86.5  
76 35.2 26.8 40.2

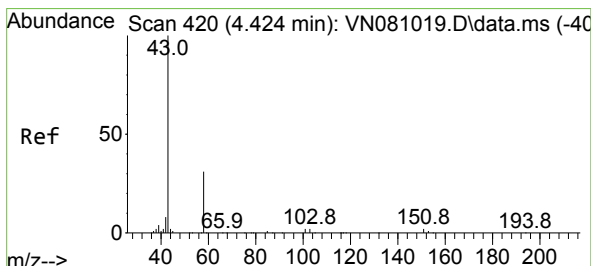
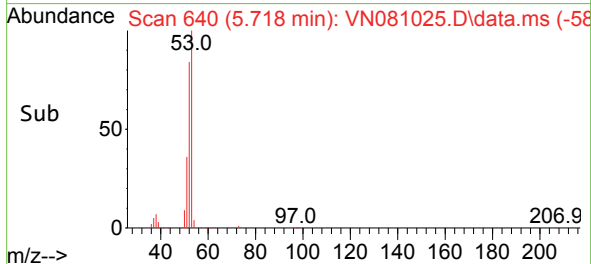
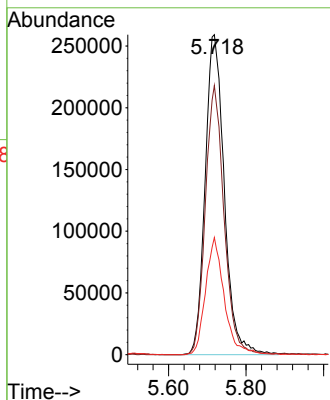
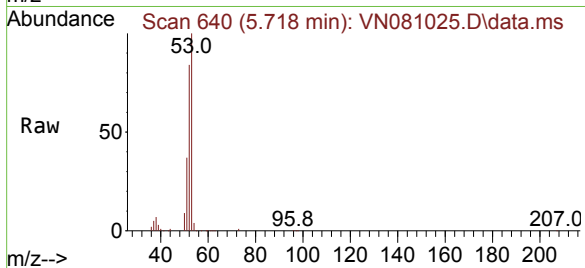




#15  
Acrylonitrile  
Concen: 251.951 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

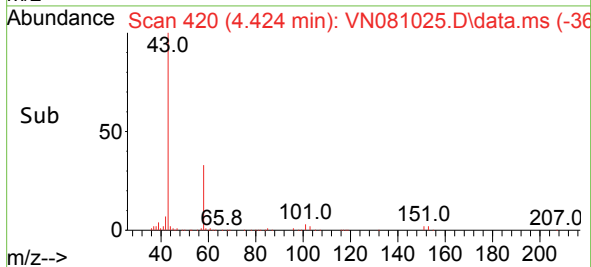
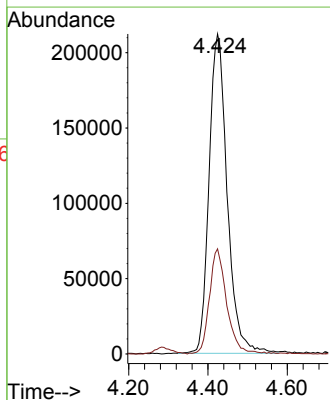
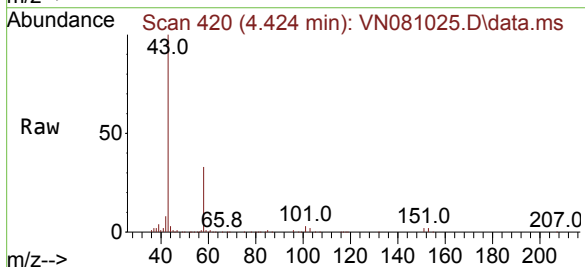
Instrument :  
MSVOA\_N  
ClientSampleId :

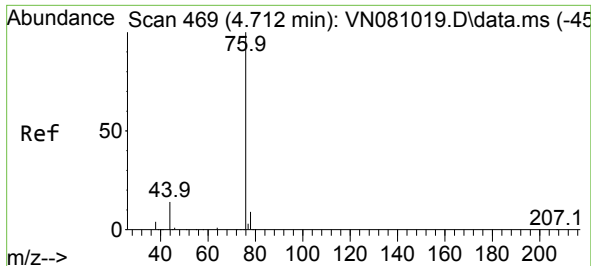
Tgt Ion: 53 Resp: 889679  
Ion Ratio Lower Upper  
53 100  
52 82.0 64.8 97.2  
51 35.7 26.9 40.3



#16  
Acetone  
Concen: 223.960 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

Tgt Ion: 43 Resp: 673884  
Ion Ratio Lower Upper  
43 100  
58 32.7 24.8 37.2

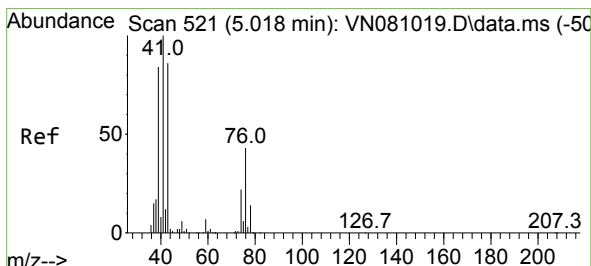
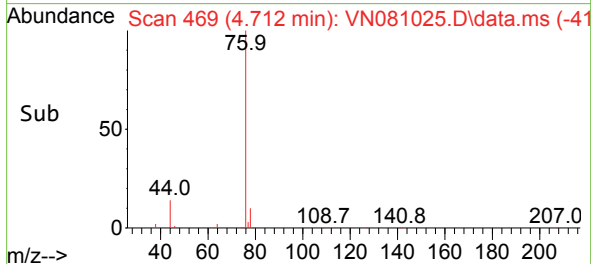
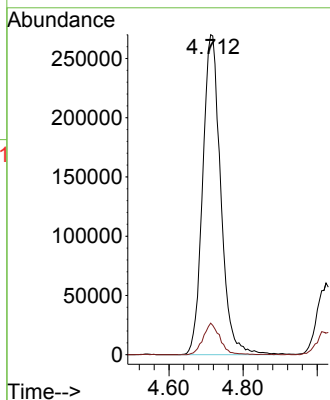
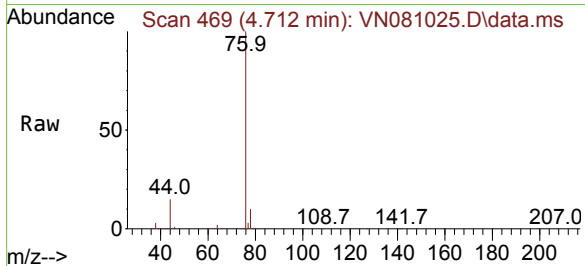




#17  
Carbon Disulfide  
Concen: 46.192 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

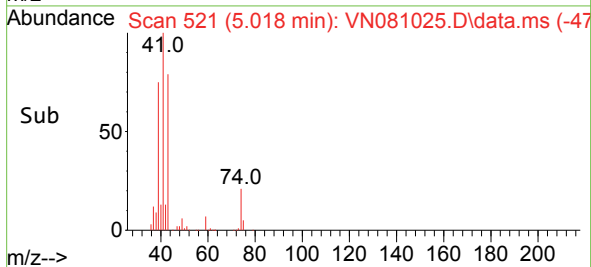
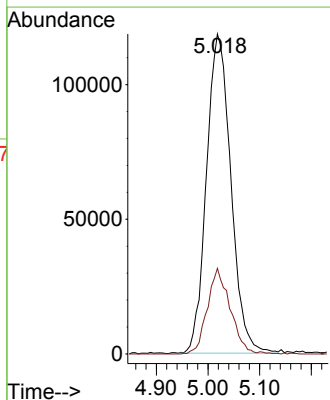
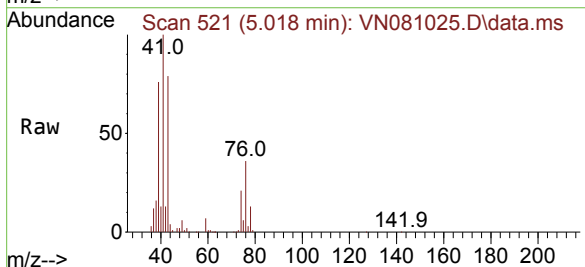
Instrument :  
MSVOA\_N  
ClientSampleId :

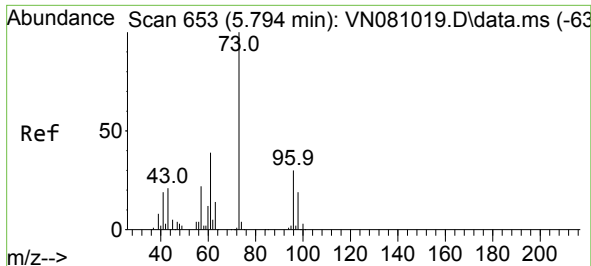
Tgt Ion: 76 Resp: 911521  
Ion Ratio Lower Upper  
76 100  
78 9.9 6.3 9.5#



#18  
Methyl Acetate  
Concen: 49.103 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

Tgt Ion: 43 Resp: 389143  
Ion Ratio Lower Upper  
43 100  
74 24.9 17.3 25.9

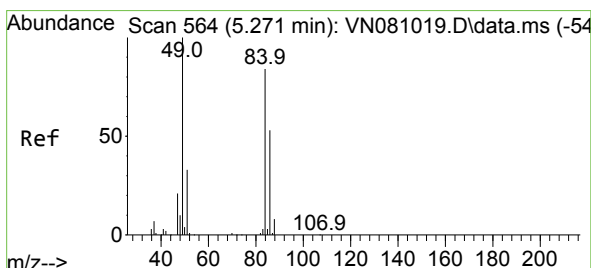
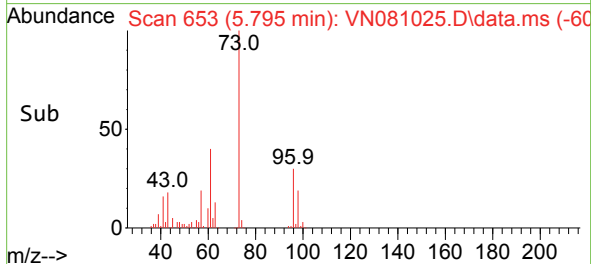
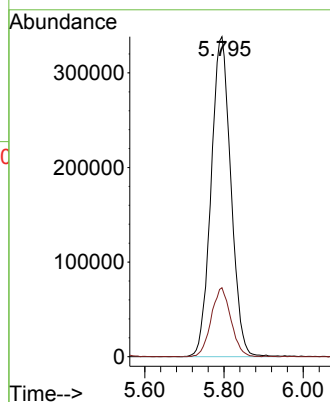
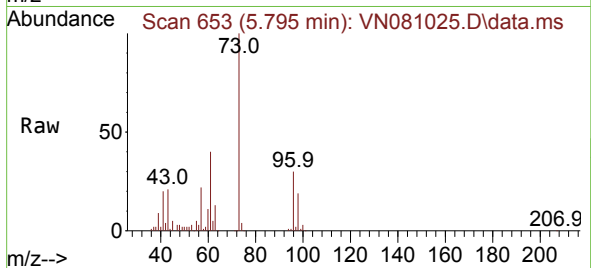




#19  
Methyl tert-butyl Ether  
Concen: 49.326 ug/l  
RT: 5.795 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

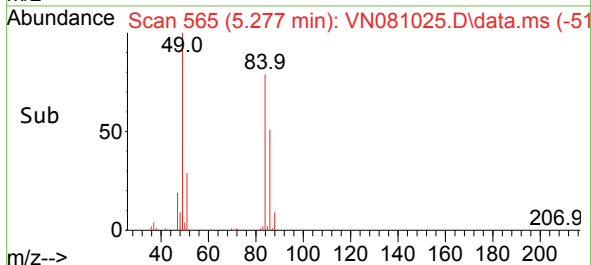
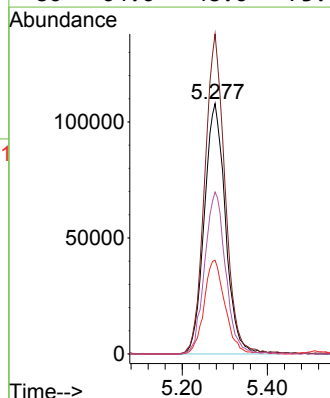
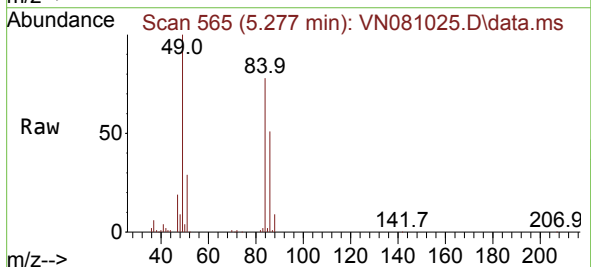
Instrument :  
MSVOA\_N  
ClientSampleId :

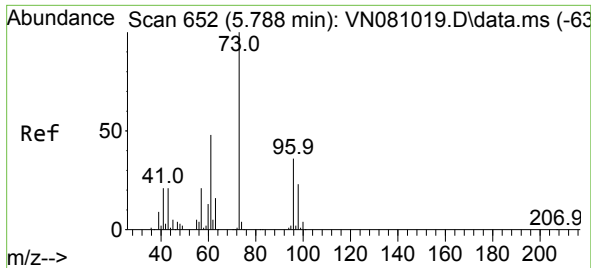
Tgt Ion: 73 Resp: 1172211  
Ion Ratio Lower Upper  
73 100  
57 21.6 18.2 27.4



#20  
Methylene Chloride  
Concen: 47.537 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. 0.006 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

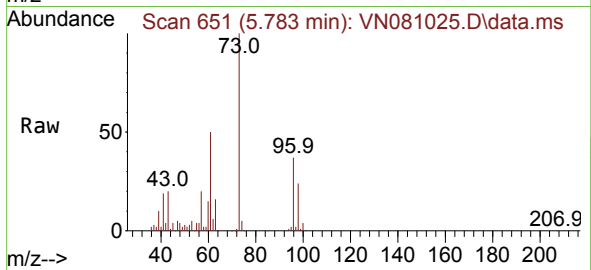
Tgt Ion: 84 Resp: 372571  
Ion Ratio Lower Upper  
84 100  
49 127.6 108.1 162.1  
51 37.5 32.9 49.3  
86 64.6 48.6 73.0



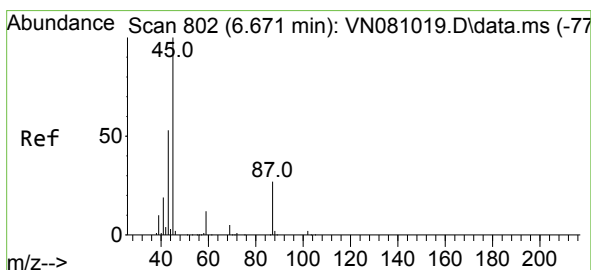
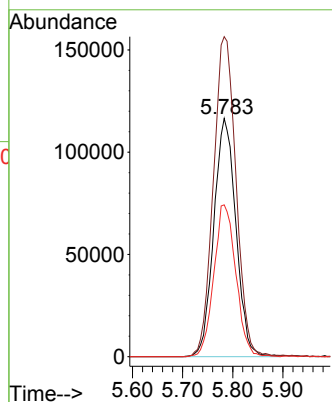
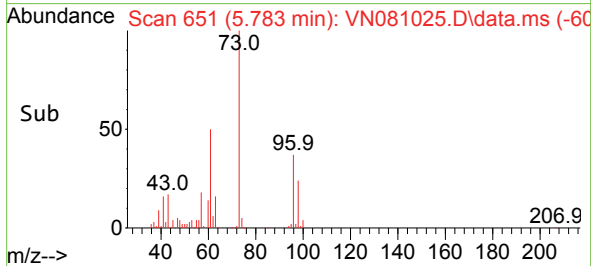


#21  
trans-1,2-Dichloroethene  
Concen: 47.628 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

Instrument :  
MSVOA\_N  
ClientSampleId :

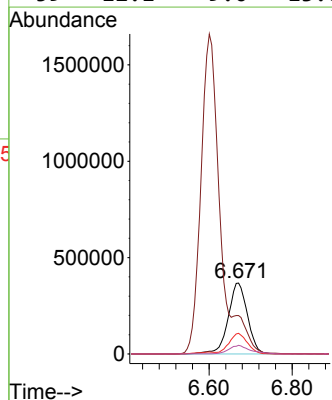
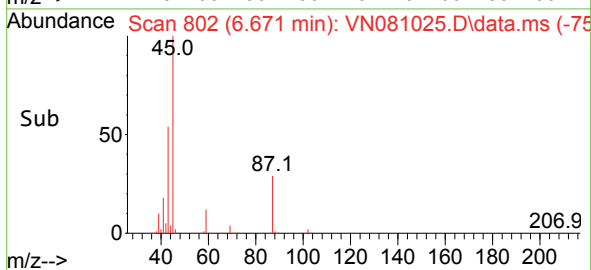
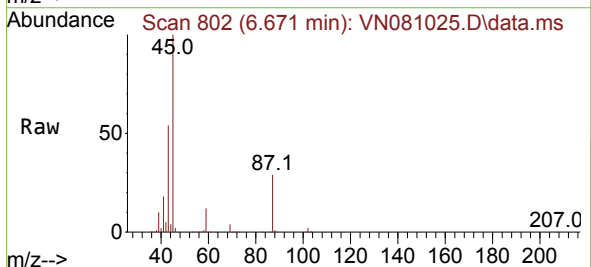


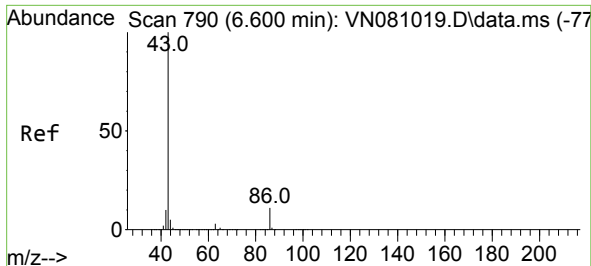
Tgt Ion: 96 Resp: 356621  
Ion Ratio Lower Upper  
96 100  
61 134.3 112.8 169.2  
98 63.8 51.0 76.4



#22  
Diisopropyl ether  
Concen: 48.838 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

Tgt Ion: 45 Resp: 1184803  
Ion Ratio Lower Upper  
45 100  
43 53.6 41.8 62.8  
87 29.1 18.1 27.1#  
59 12.1 9.0 13.6

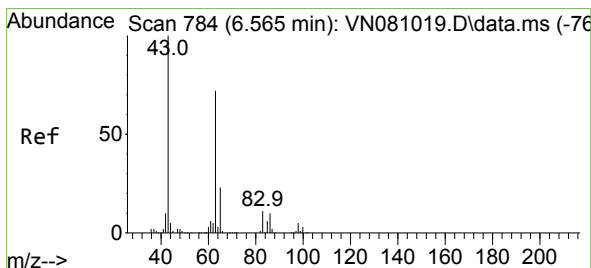
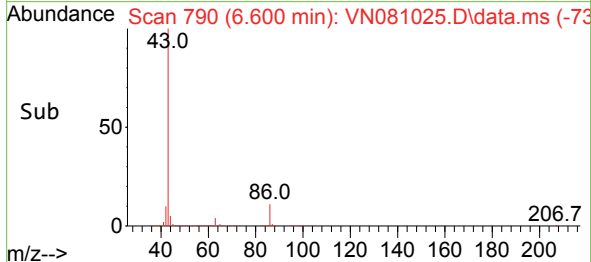
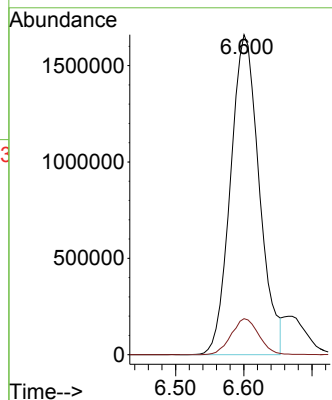
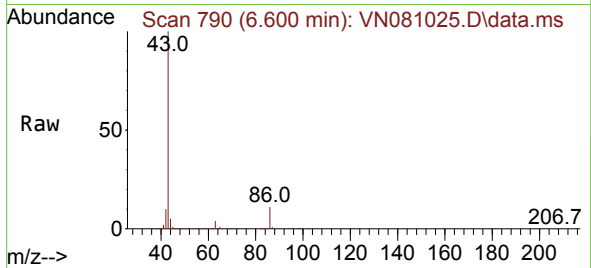




#23  
 Vinyl Acetate  
 Concen: 249.287 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. 0.000 min  
 Lab File: VN081025.D  
 Acq: 14 Feb 2024 15:00

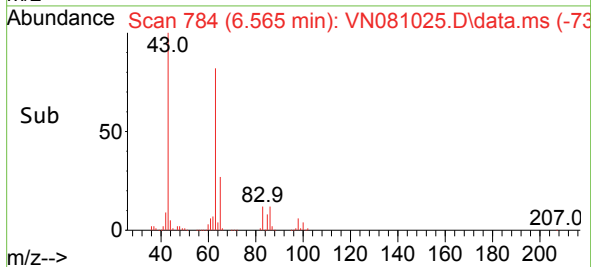
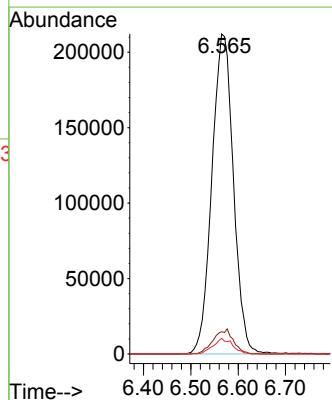
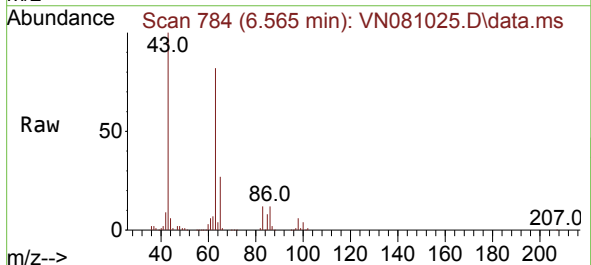
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion: 43 Resp: 4874518  
 Ion Ratio Lower Upper  
 43 100  
 86 11.2 7.1 10.7#

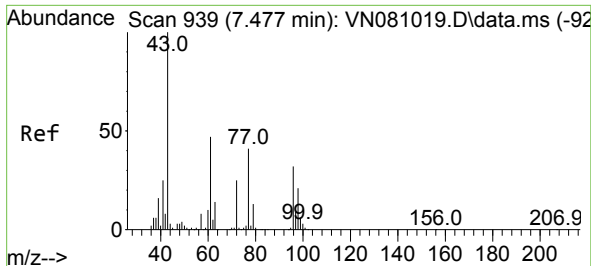


#24  
 1,1-Dichloroethane  
 Concen: 49.500 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. 0.000 min  
 Lab File: VN081025.D  
 Acq: 14 Feb 2024 15:00

Tgt Ion: 63 Resp: 669671  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 2.9 8.6  
 100 4.9 1.9 5.7



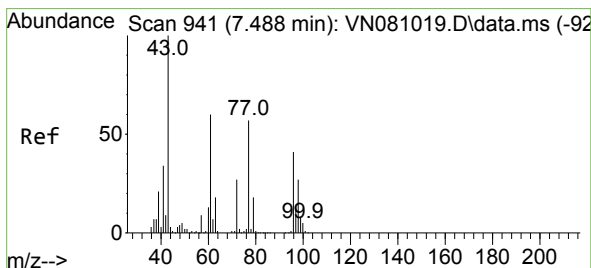
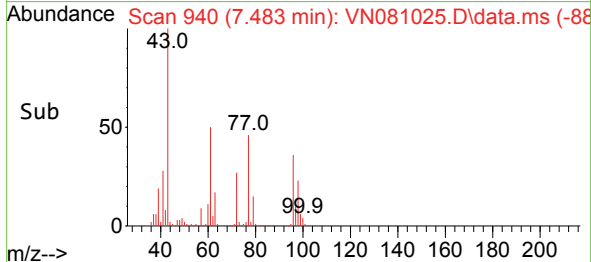
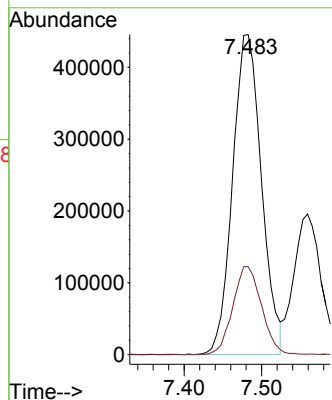
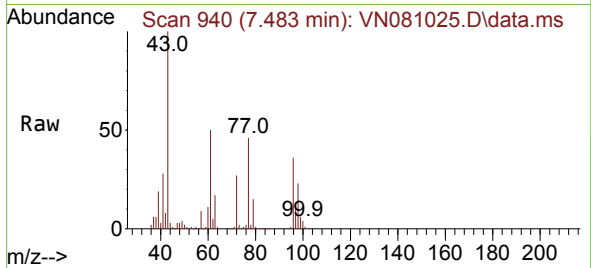




#25  
2-Butanone  
Concen: 236.720 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. 0.006 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

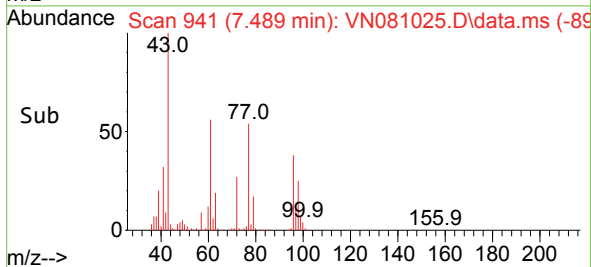
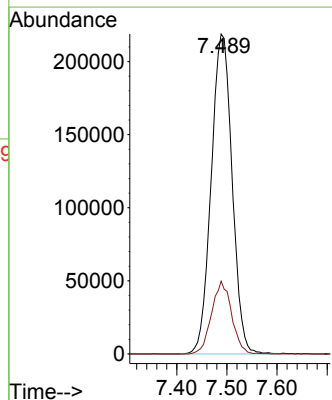
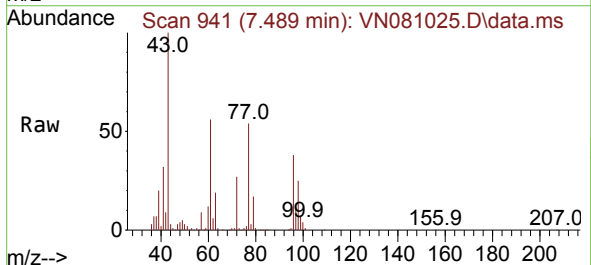
Instrument :  
MSVOA\_N  
ClientSampleId :

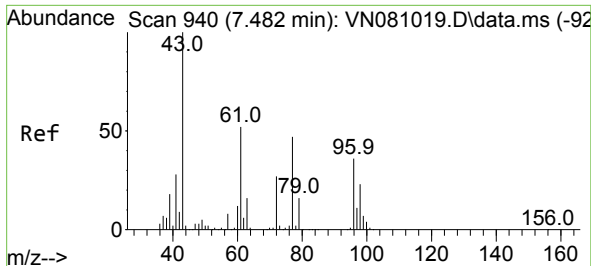
Tgt Ion: 43 Resp: 1156344  
Ion Ratio Lower Upper  
43 100  
72 27.5 19.5 29.3



#26  
2,2-Dichloropropane  
Concen: 50.902 ug/l  
RT: 7.489 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

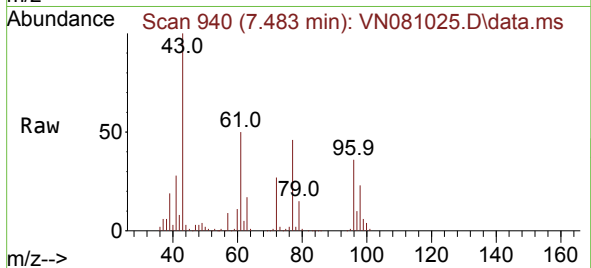
Tgt Ion: 77 Resp: 633781  
Ion Ratio Lower Upper  
77 100  
97 21.8 11.5 34.5



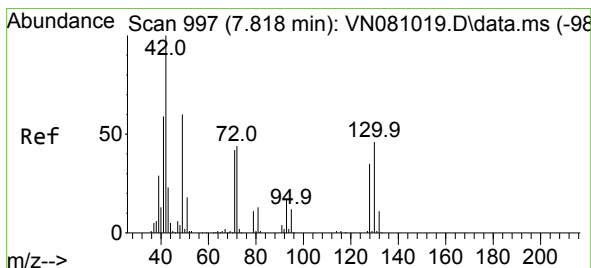
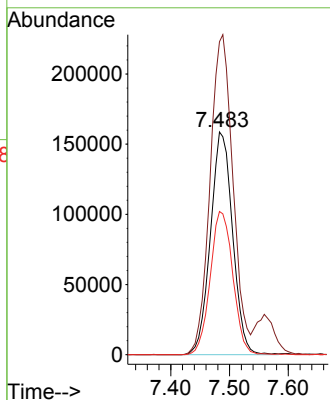
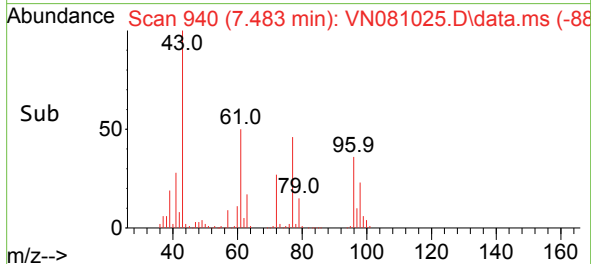


#27  
 cis-1,2-Dichloroethene  
 Concen: 48.131 ug/l  
 RT: 7.483 min Scan# 941  
 Delta R.T. 0.000 min  
 Lab File: VN081025.D  
 Acq: 14 Feb 2024 15:00

Instrument :  
 MSVOA\_N  
 ClientSampleId :

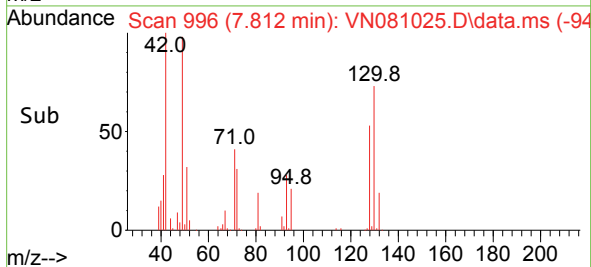
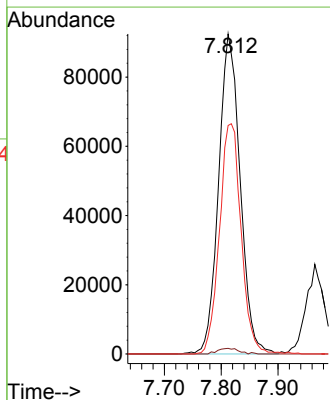
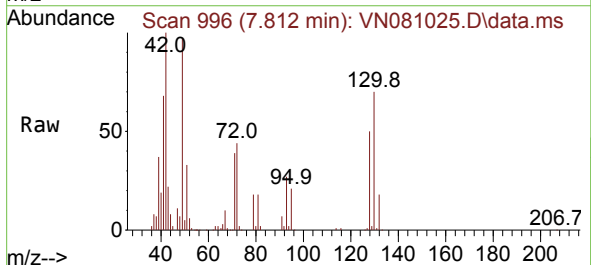


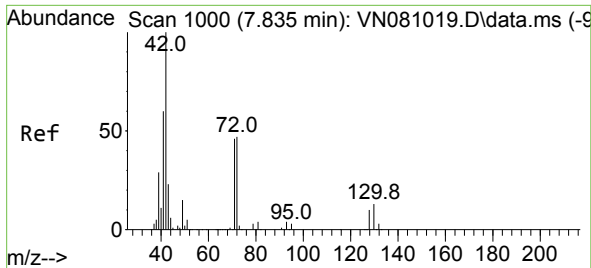
Tgt Ion: 96 Resp: 416498  
 Ion Ratio Lower Upper  
 96 100  
 61 148.0 0.0 325.4  
 98 65.4 0.0 130.4



#28  
 Bromochloromethane  
 Concen: 44.629 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. -0.006 min  
 Lab File: VN081025.D  
 Acq: 14 Feb 2024 15:00

Tgt Ion: 49 Resp: 243751  
 Ion Ratio Lower Upper  
 49 100  
 129 1.7 0.0 1.6#  
 130 72.1 42.3 63.5#





#29

Tetrahydrofuran

Concen: 244.572 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081025.D

Acq: 14 Feb 2024 15:00

Instrument :

MSVOA\_N

ClientSampleId :

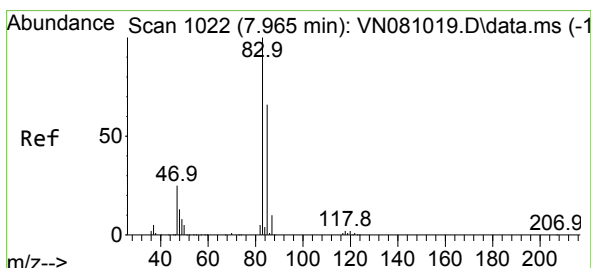
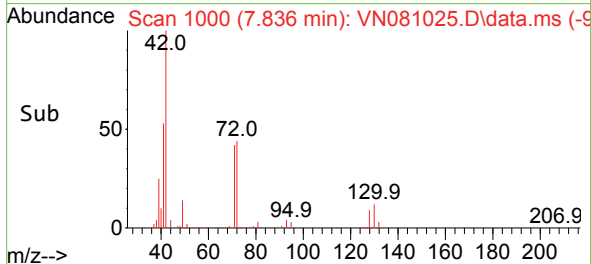
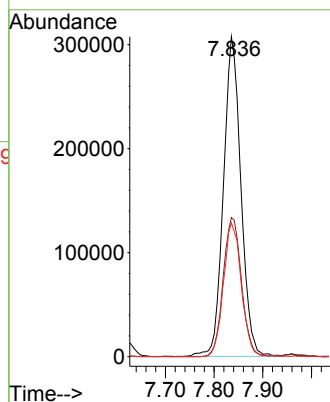
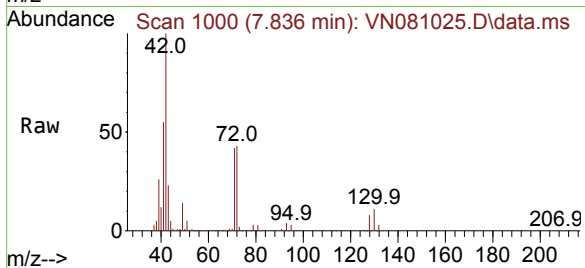
Tgt Ion: 42 Resp: 767801

Ion Ratio Lower Upper

42 100

72 45.4 31.1 46.7

71 42.6 28.3 42.5#



#30

Chloroform

Concen: 48.169 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN081025.D

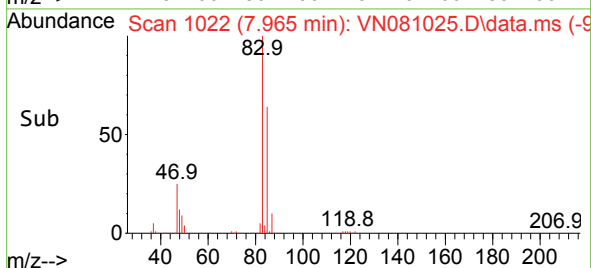
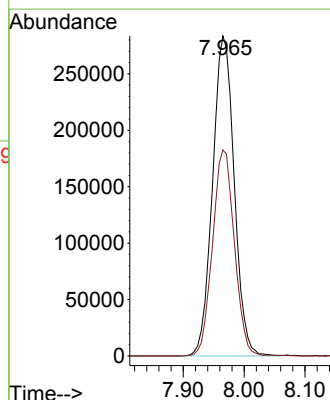
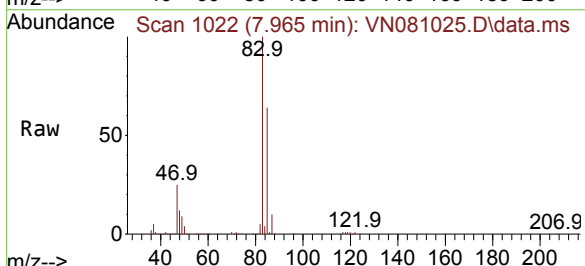
Acq: 14 Feb 2024 15:00

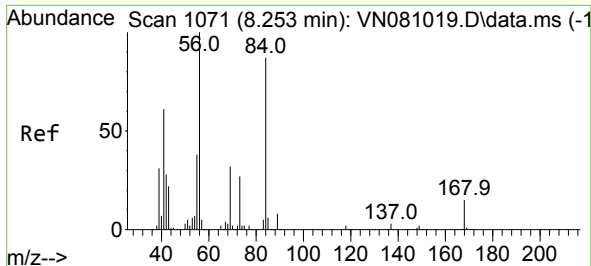
Tgt Ion: 83 Resp: 699351

Ion Ratio Lower Upper

83 100

85 64.4 51.0 76.6

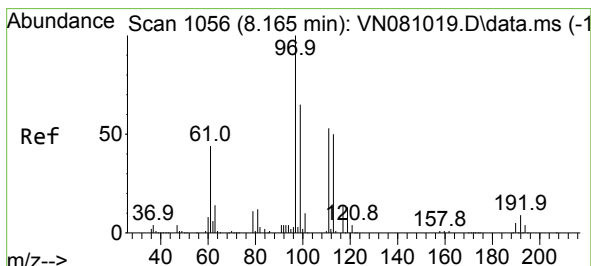
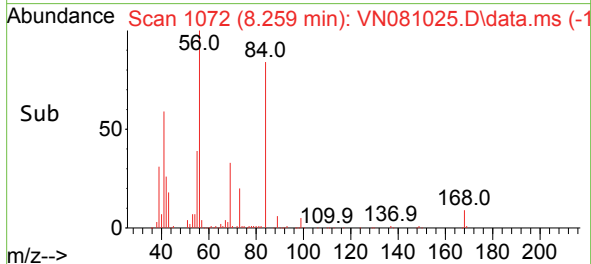
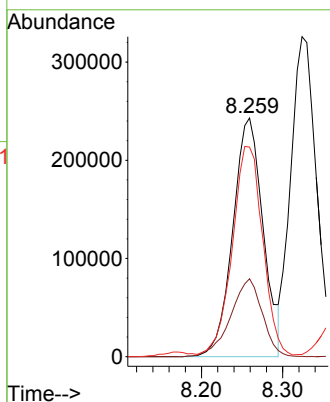
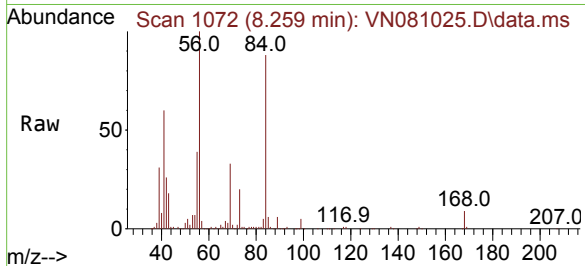




#31  
Cyclohexane  
Concen: 47.233 ug/l  
RT: 8.259 min Scan# 1071  
Delta R.T. 0.006 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

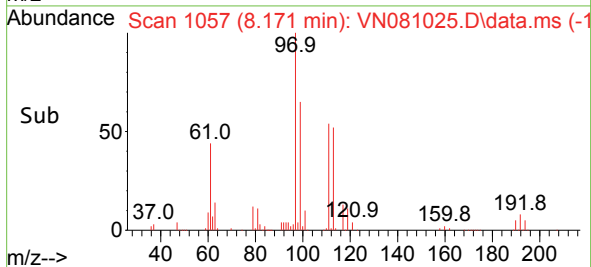
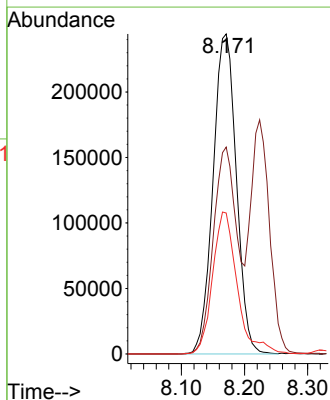
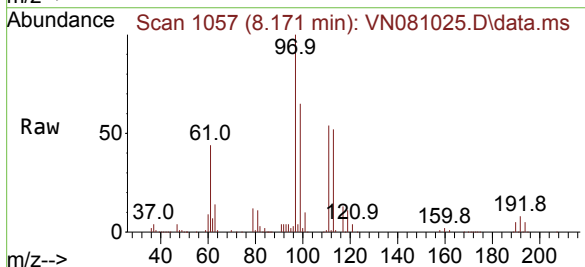
Instrument :  
MSVOA\_N  
ClientSampleId :

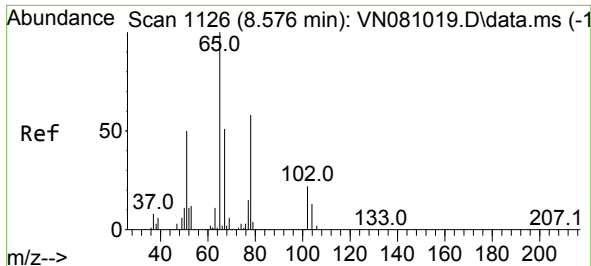
Tgt Ion: 56 Resp: 630692  
Ion Ratio Lower Upper  
56 100  
69 32.6 20.1 30.1#  
84 85.8 56.9 85.3#



#32  
1,1,1-Trichloroethane  
Concen: 48.773 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. 0.006 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

Tgt Ion: 97 Resp: 625285  
Ion Ratio Lower Upper  
97 100  
99 67.0 53.4 80.0  
61 47.0 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 47.650 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081025.D

Acq: 14 Feb 2024 15:00

Instrument :

MSVOA\_N

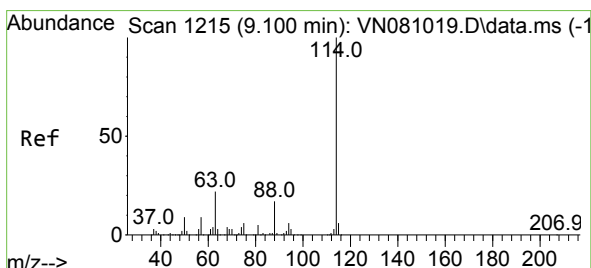
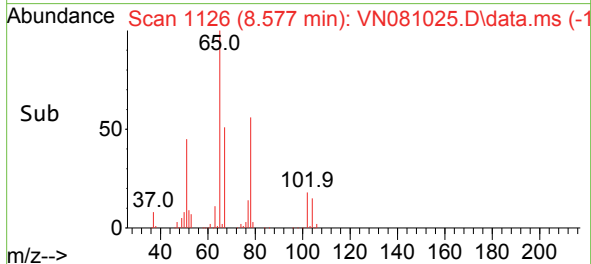
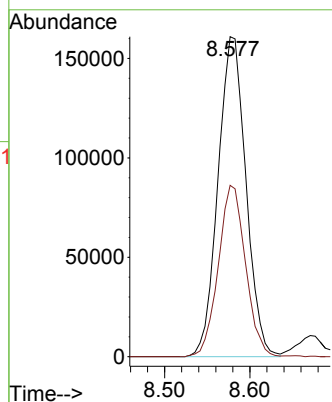
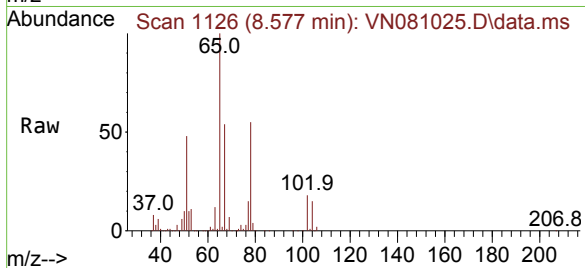
ClientSampleId :

Tgt Ion: 65 Resp: 366254

Ion Ratio Lower Upper

65 100

67 52.2 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081025.D

Acq: 14 Feb 2024 15:00

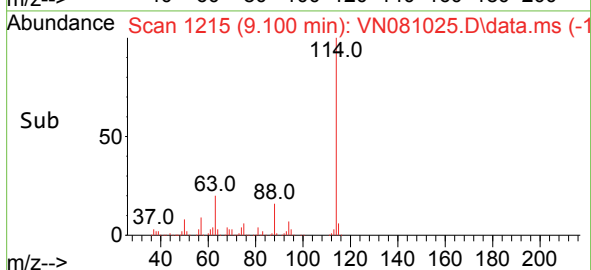
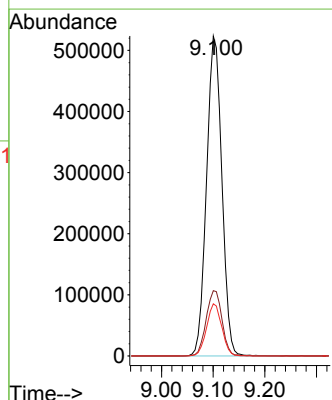
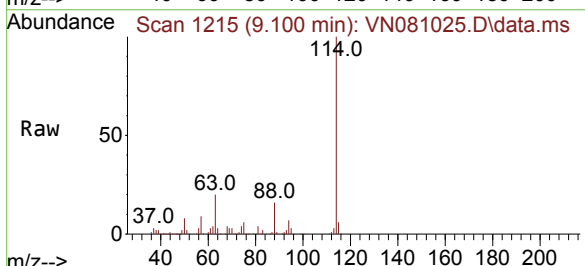
Tgt Ion: 114 Resp: 1076211

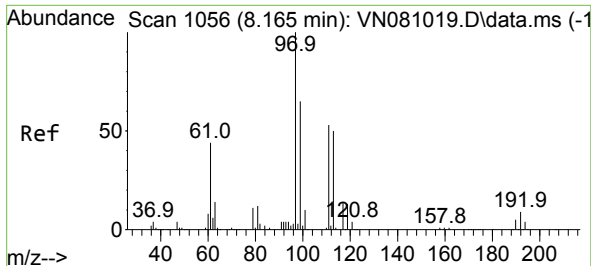
Ion Ratio Lower Upper

114 100

63 20.4 0.0 48.0

88 16.3 0.0 34.8

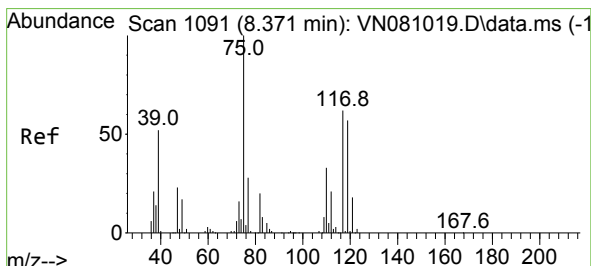
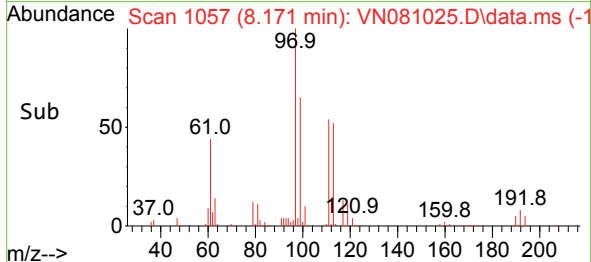
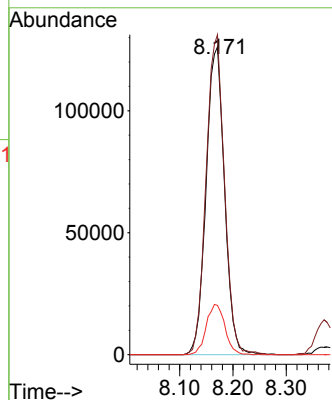
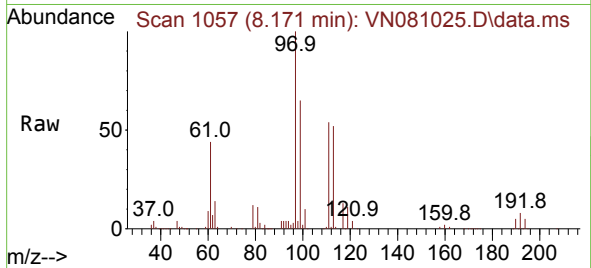




#35  
 Dibromofluoromethane  
 Concen: 49.120 ug/l  
 RT: 8.171 min Scan# 1056  
 Delta R.T. 0.006 min  
 Lab File: VN081025.D  
 Acq: 14 Feb 2024 15:00

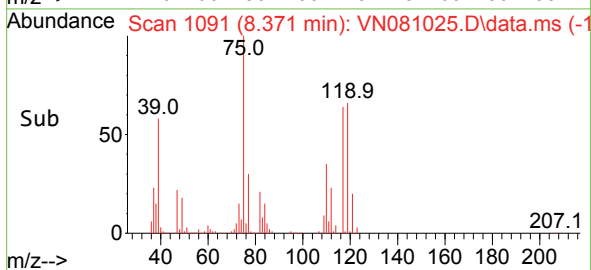
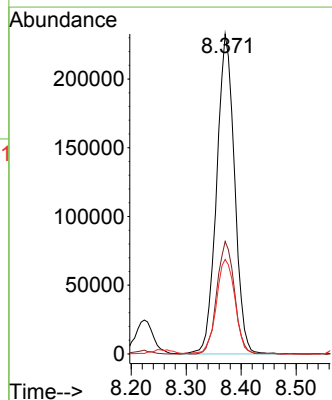
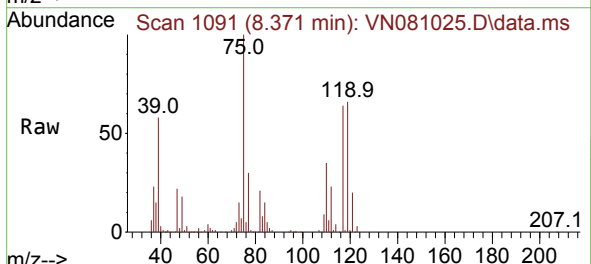
Instrument :  
 MSVOA\_N  
 ClientSampleId :

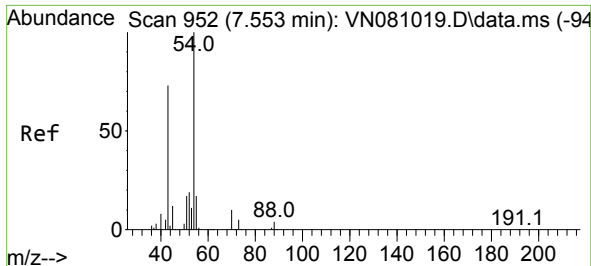
Tgt Ion:113 Resp: 303092  
 Ion Ratio Lower Upper  
 113 100  
 111 103.5 82.2 123.4  
 192 16.5 12.5 18.7



#36  
 1,1-Dichloropropene  
 Concen: 51.133 ug/l  
 RT: 8.371 min Scan# 1091  
 Delta R.T. 0.000 min  
 Lab File: VN081025.D  
 Acq: 14 Feb 2024 15:00

Tgt Ion: 75 Resp: 526428  
 Ion Ratio Lower Upper  
 75 100  
 110 34.6 16.0 48.0  
 77 30.6 25.8 38.6

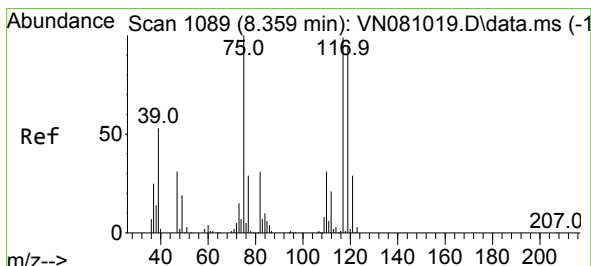
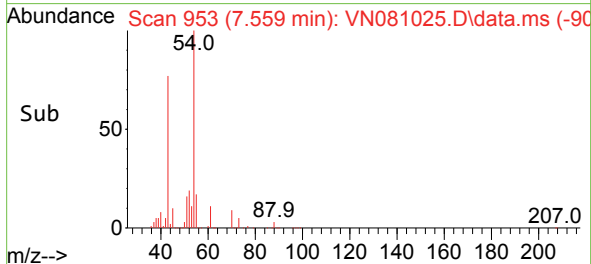
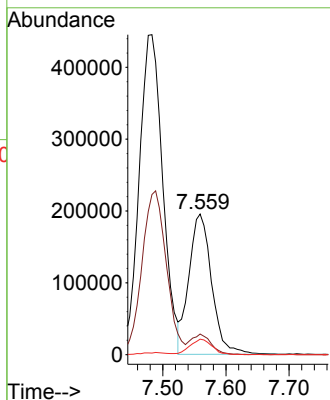
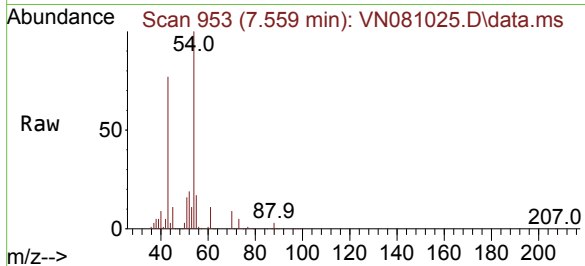




#37  
Ethyl Acetate  
Concen: 52.025 ug/l  
RT: 7.559 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

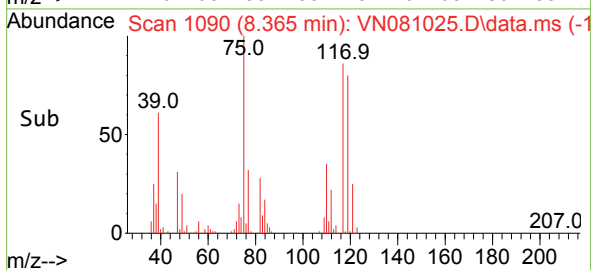
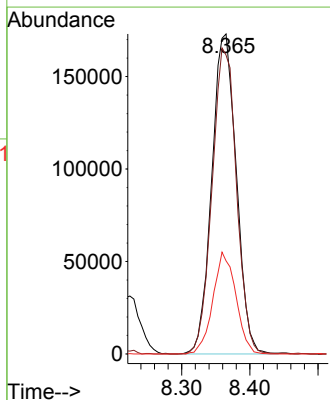
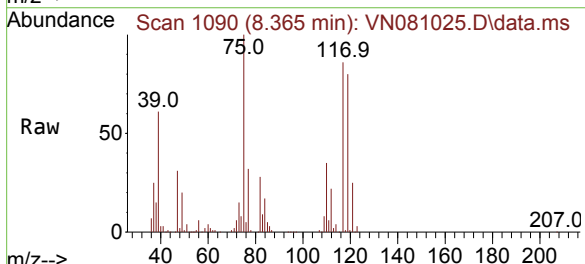
Instrument :  
MSVOA\_N  
ClientSampleId :

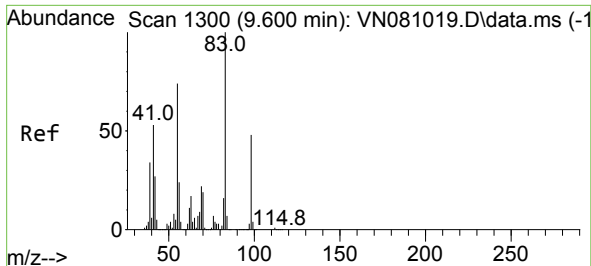
Tgt Ion: 43 Resp: 489965  
Ion Ratio Lower Upper  
43 100  
61 13.2 10.6 15.8  
70 10.7 8.0 12.0



#38  
Carbon Tetrachloride  
Concen: 57.526 ug/l  
RT: 8.365 min Scan# 1090  
Delta R.T. 0.006 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

Tgt Ion: 117 Resp: 433503  
Ion Ratio Lower Upper  
117 100  
119 93.4 73.4 110.2  
121 29.1 24.4 36.6





#39

Methylcyclohexane

Concen: 52.718 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081025.D

Acq: 14 Feb 2024 15:00

Instrument :

MSVOA\_N

ClientSampleId :

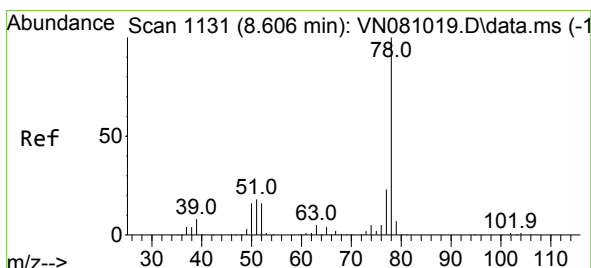
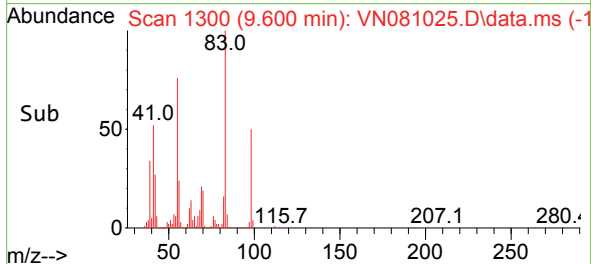
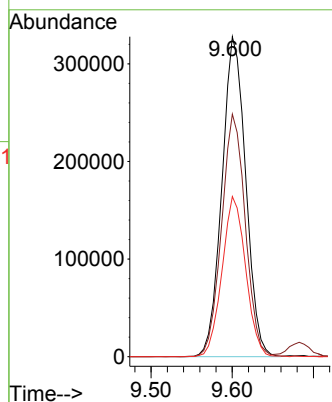
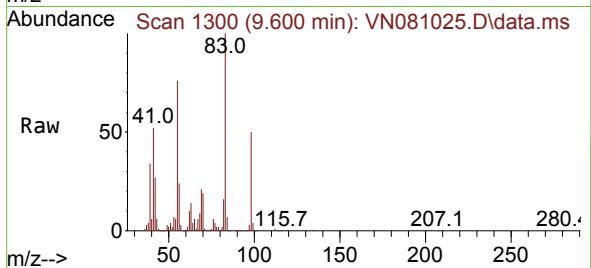
Tgt Ion: 83 Resp: 667735

Ion Ratio Lower Upper

83 100

55 75.8 65.7 98.5

98 50.0 33.8 50.6



#40

Benzene

Concen: 50.114 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081025.D

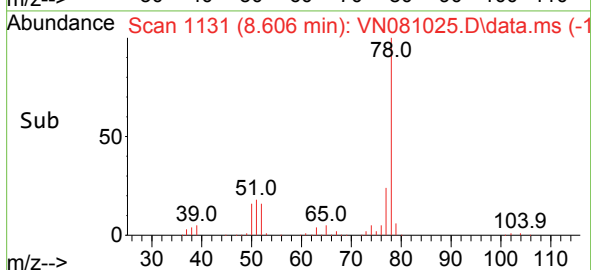
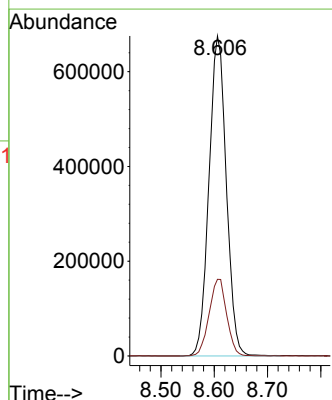
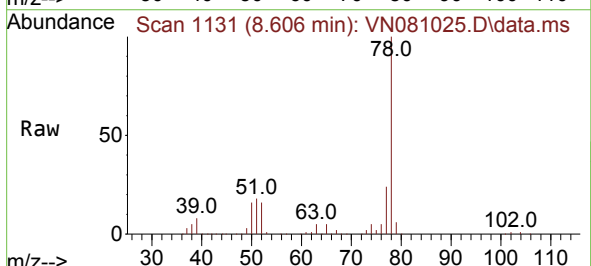
Acq: 14 Feb 2024 15:00

Tgt Ion: 78 Resp: 1525732

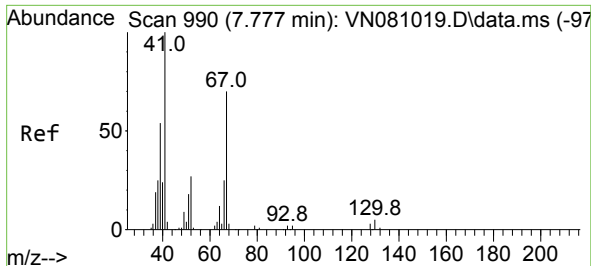
Ion Ratio Lower Upper

78 100

77 24.0 20.4 30.6

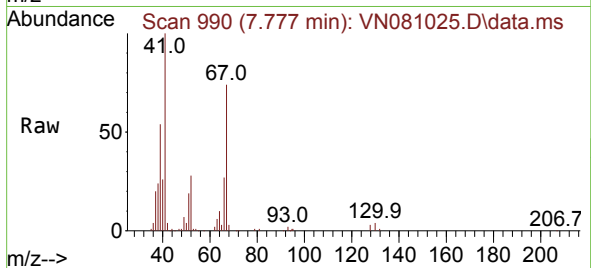




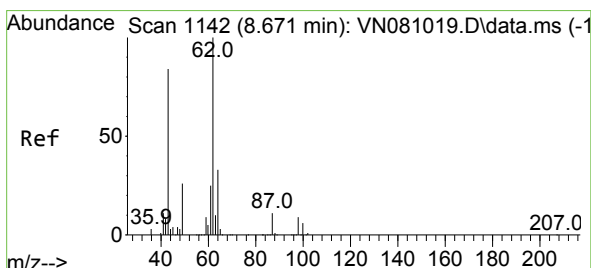
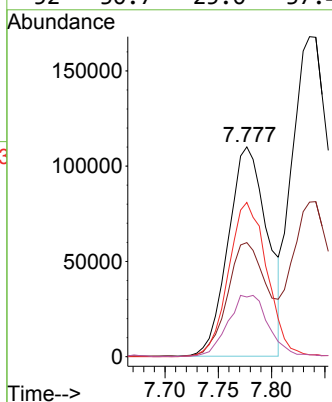
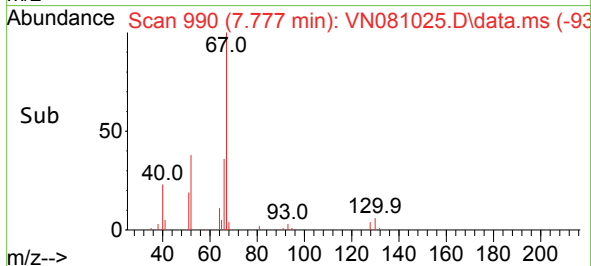


#41  
Methacrylonitrile  
Concen: 49.401 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

Instrument :  
MSVOA\_N  
ClientSampleId :

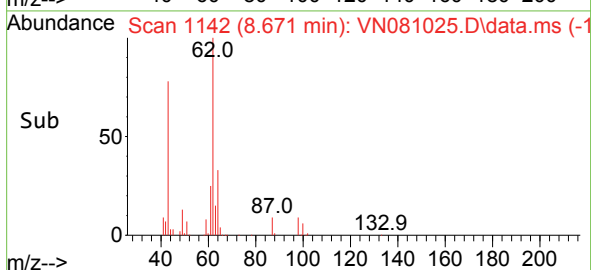
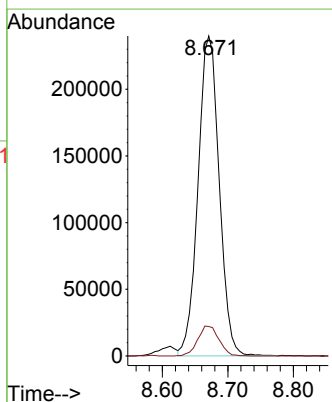
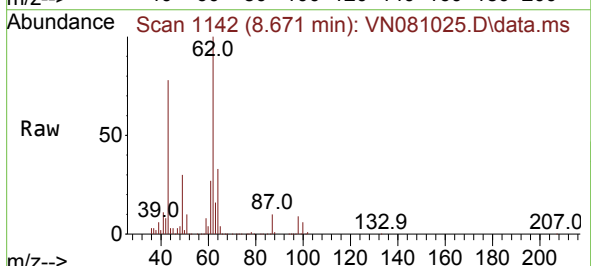


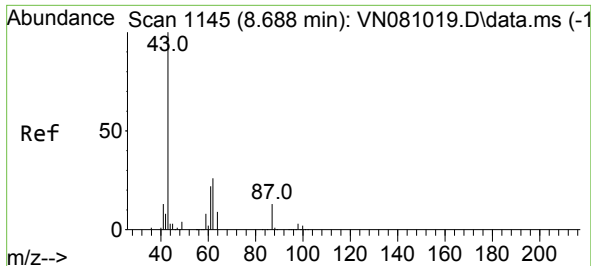
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 282428 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 39        | 55.3  | 48.4  | 72.6   |
| 67        | 72.7  | 56.8  | 85.2   |
| 52        | 30.7  | 25.0  | 37.4   |



#42  
1,2-Dichloroethane  
Concen: 49.858 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

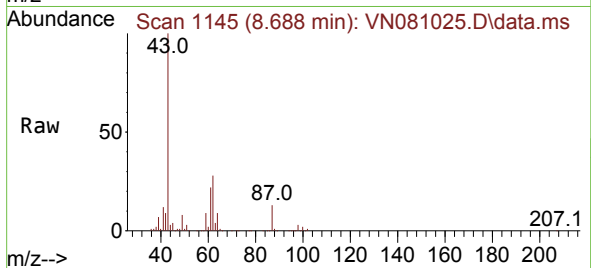
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 62    | Resp: | 538813 |
| Ion Ratio | Lower | Upper |        |
| 62        | 100   |       |        |
| 98        | 9.4   | 0.0   | 18.0   |



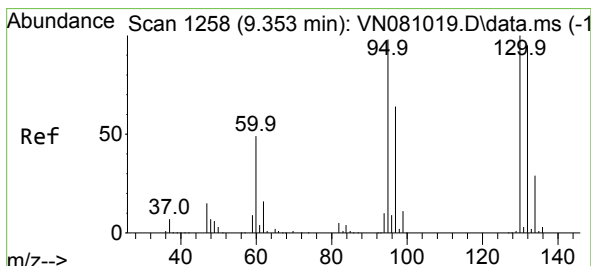
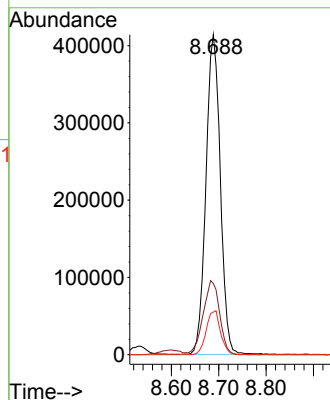
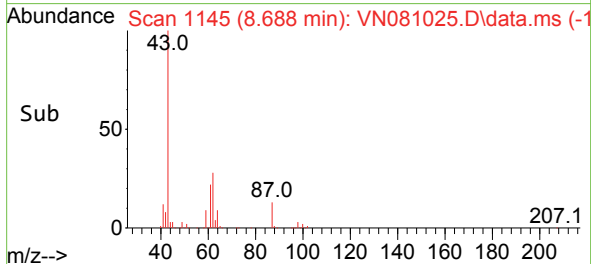


#43  
Isopropyl Acetate  
Concen: 49.389 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

Instrument :  
MSVOA\_N  
ClientSampleId :

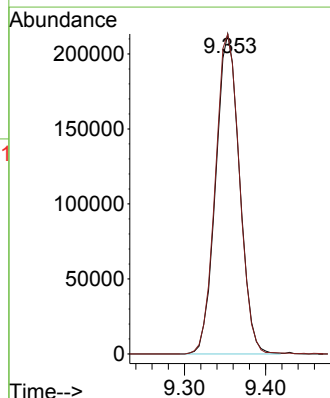
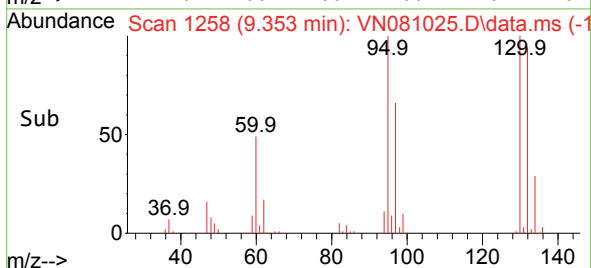
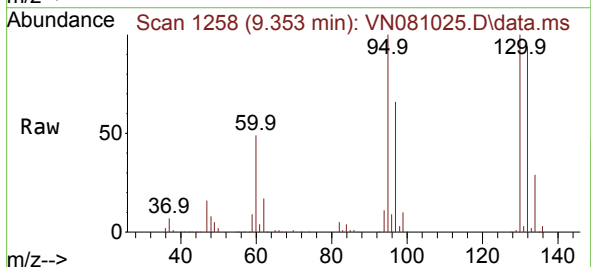


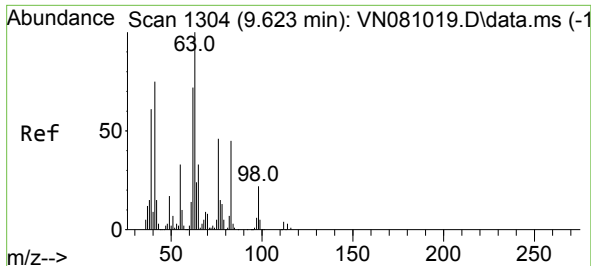
Tgt Ion: 43 Resp: 871445  
Ion Ratio Lower Upper  
43 100  
61 26.4 19.9 29.9  
87 13.6 9.0 13.6#



#44  
Trichloroethene  
Concen: 48.151 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

Tgt Ion:130 Resp: 434199  
Ion Ratio Lower Upper  
130 100  
95 100.0 0.0 210.4





#45

1,2-Dichloropropane

Concen: 50.597 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081025.D

Acq: 14 Feb 2024 15:00

Instrument :

MSVOA\_N

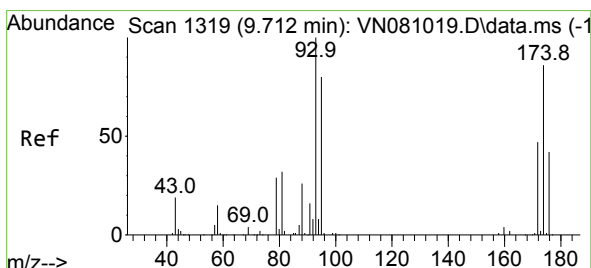
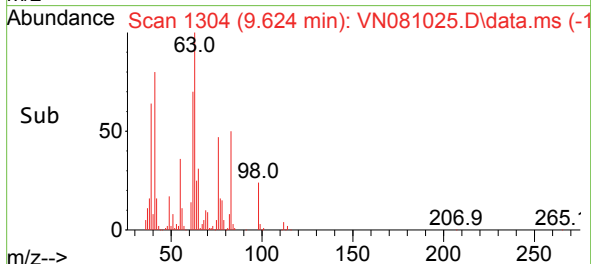
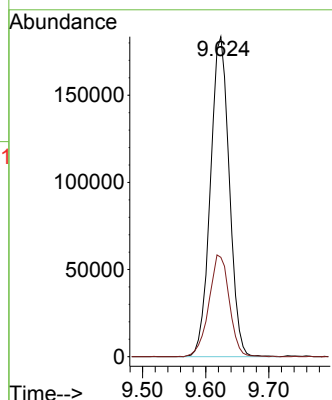
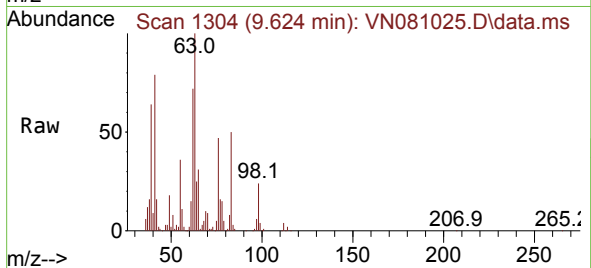
ClientSampleId :

Tgt Ion: 63 Resp: 381056

Ion Ratio Lower Upper

63 100

65 31.1 26.1 39.1



#46

Dibromomethane

Concen: 50.450 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081025.D

Acq: 14 Feb 2024 15:00

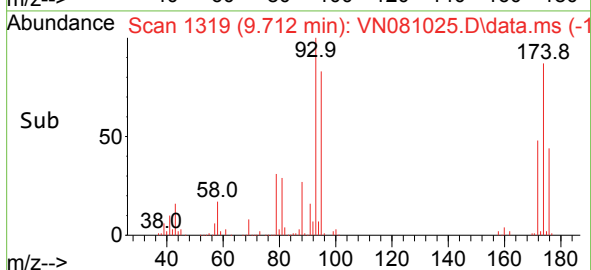
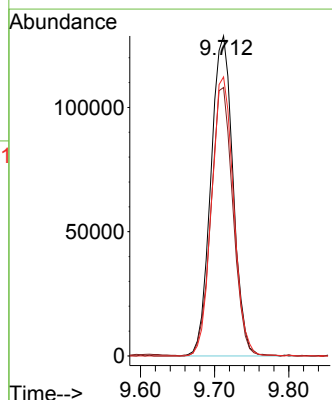
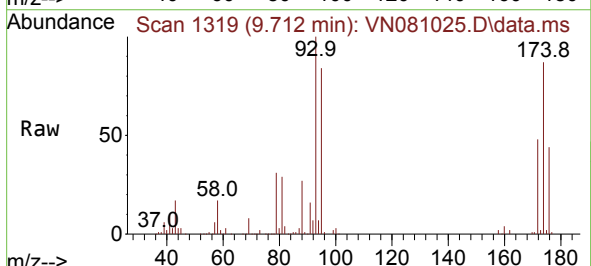
Tgt Ion: 93 Resp: 268195

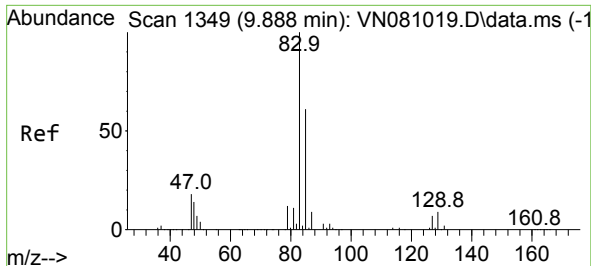
Ion Ratio Lower Upper

93 100

95 82.9 68.1 102.1

174 86.3 57.2 85.8#

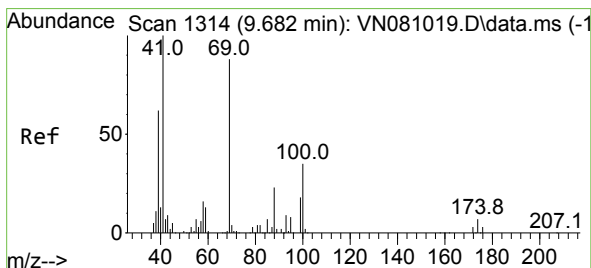
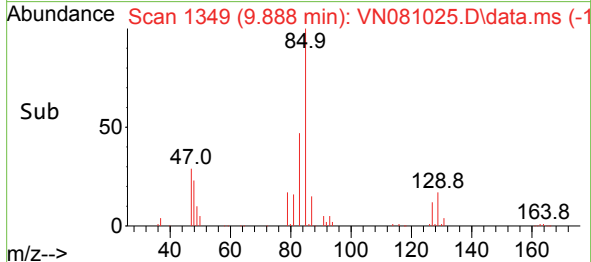
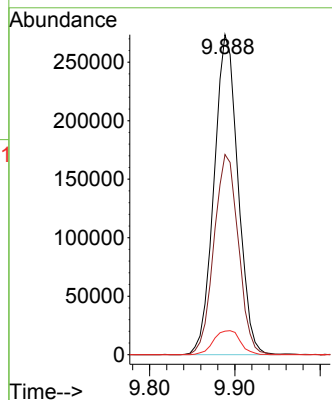
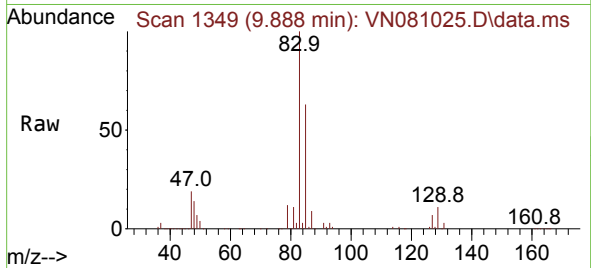




#47  
Bromodichloromethane  
Concen: 51.228 ug/l  
RT: 9.888 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

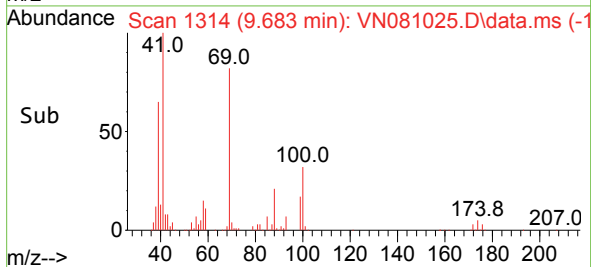
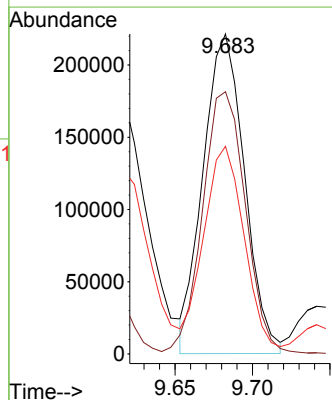
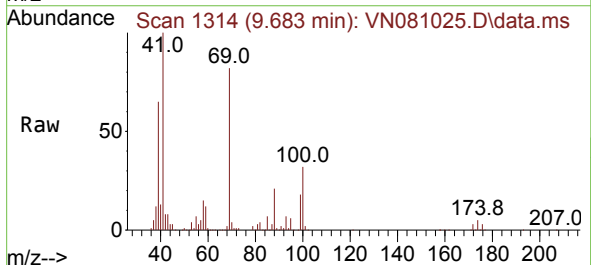
Instrument :  
MSVOA\_N  
ClientSampleId :

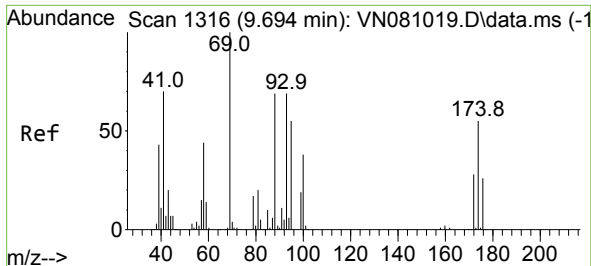
Tgt Ion: 83 Resp: 533731  
Ion Ratio Lower Upper  
83 100  
85 62.5 52.3 78.5  
127 7.4 4.6 7.0#



#48  
Methyl methacrylate  
Concen: 49.508 ug/l  
RT: 9.683 min Scan# 1314  
Delta R.T. 0.001 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

Tgt Ion: 41 Resp: 411283  
Ion Ratio Lower Upper  
41 100  
69 84.6 62.2 93.2  
39 64.0 47.6 71.4





#49

1,4-Dioxane

Concen: 1062.045 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081025.D

Acq: 14 Feb 2024 15:00

Instrument :

MSVOA\_N

ClientSampleId :

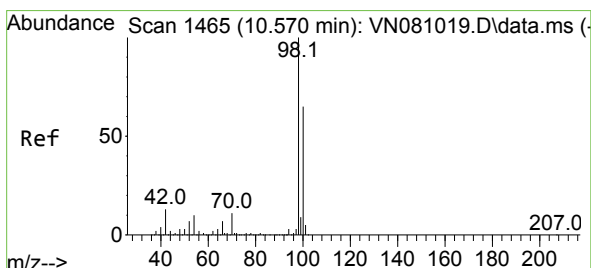
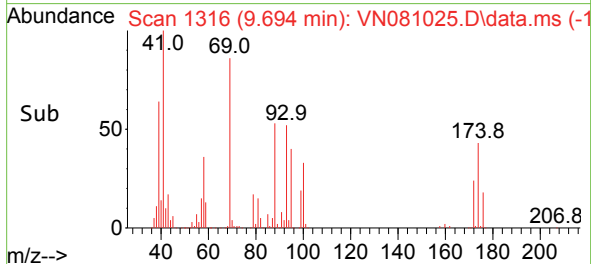
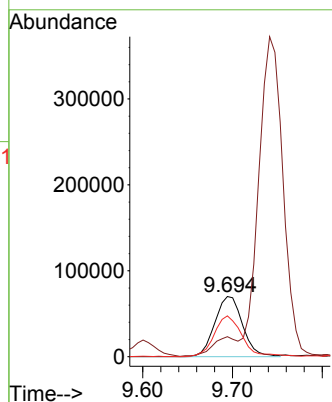
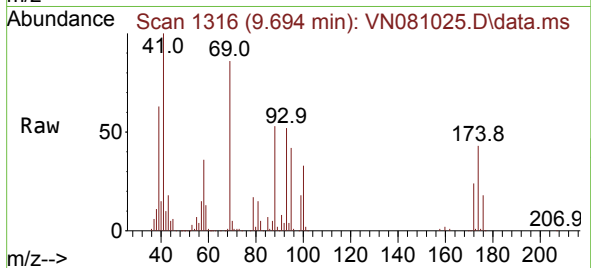
Tgt Ion: 88 Resp: 150523

Ion Ratio Lower Upper

88 100

43 28.4 30.1 45.1#

58 68.8 63.9 95.9



#50

Toluene-d8

Concen: 49.856 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081025.D

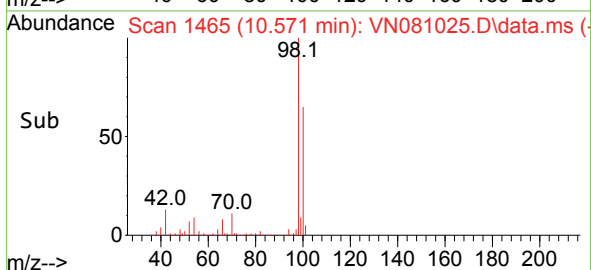
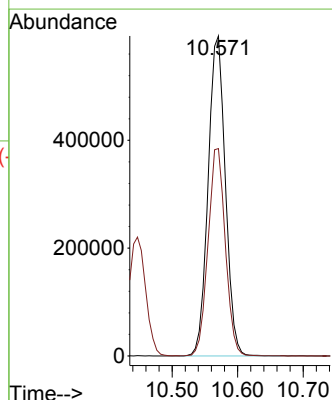
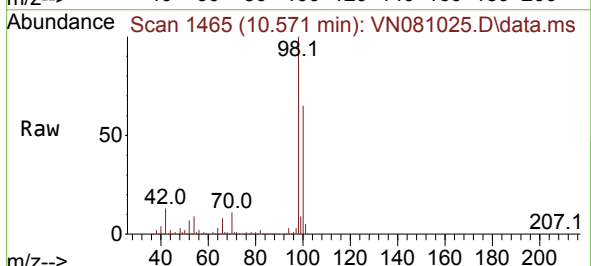
Acq: 14 Feb 2024 15:00

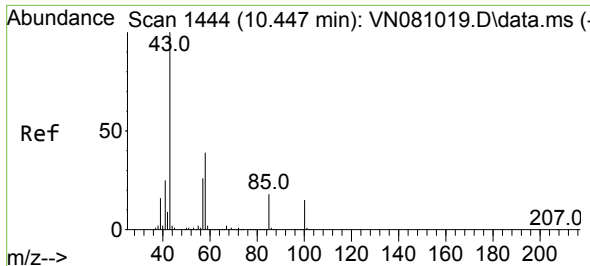
Tgt Ion: 98 Resp: 1084950

Ion Ratio Lower Upper

98 100

100 65.1 51.4 77.0

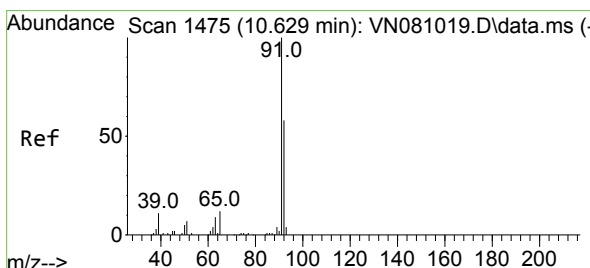
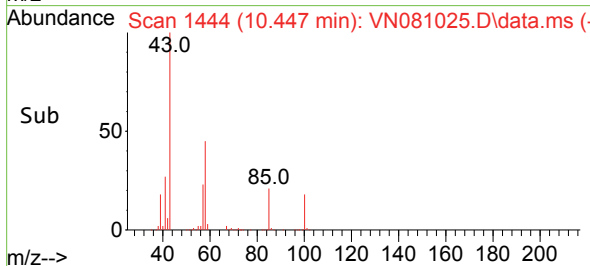
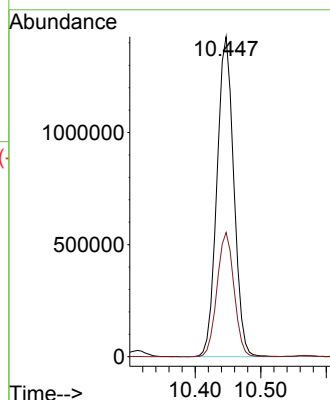
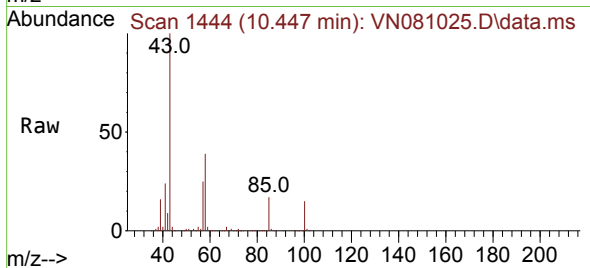




#51  
4-Methyl-2-Pentanone  
Concen: 258.166 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

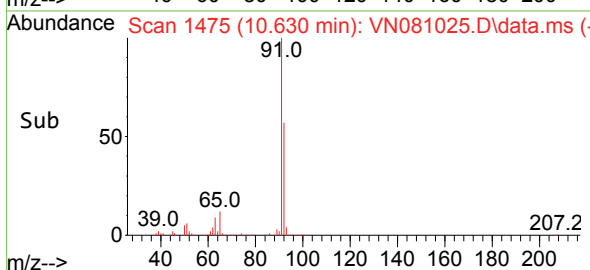
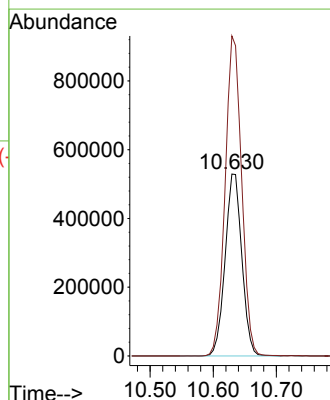
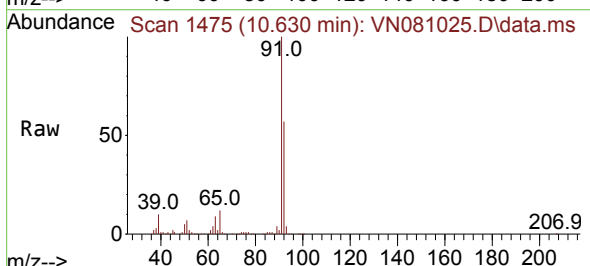
Instrument :  
MSVOA\_N  
ClientSampleId :

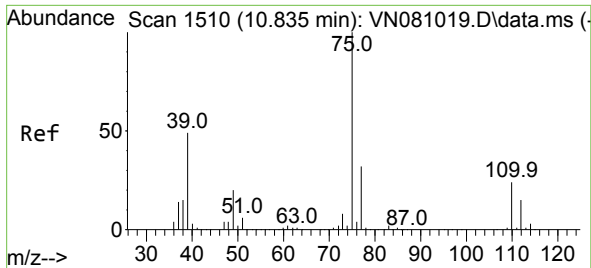
Tgt Ion: 43 Resp: 2540396  
Ion Ratio Lower Upper  
43 100  
58 39.1 29.4 44.0



#52  
Toluene  
Concen: 51.251 ug/l  
RT: 10.630 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

Tgt Ion: 92 Resp: 974692  
Ion Ratio Lower Upper  
92 100  
91 173.7 139.4 209.0

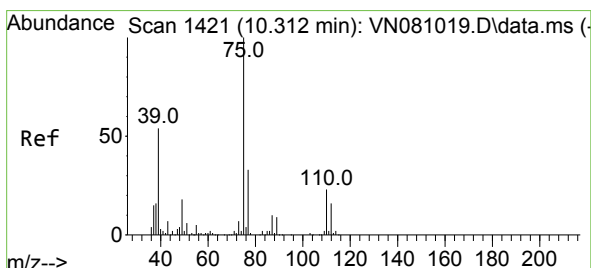
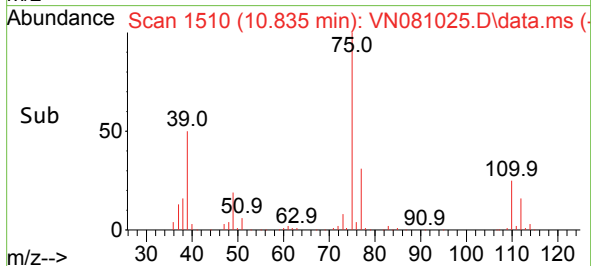
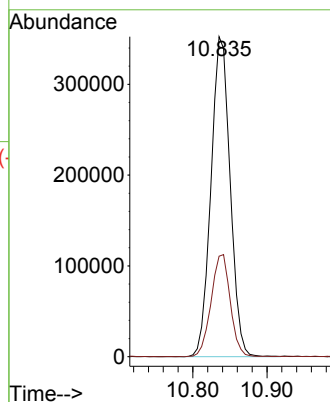
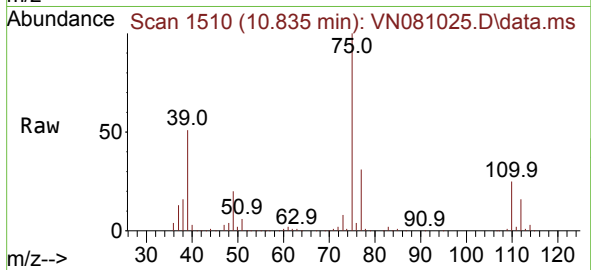




#53  
 t-1,3-Dichloropropene  
 Concen: 51.504 ug/l  
 RT: 10.835 min Scan# 1510  
 Delta R.T. 0.000 min  
 Lab File: VN081025.D  
 Acq: 14 Feb 2024 15:00

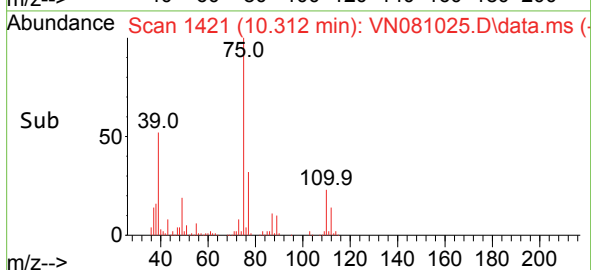
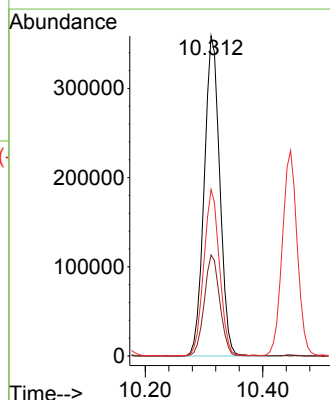
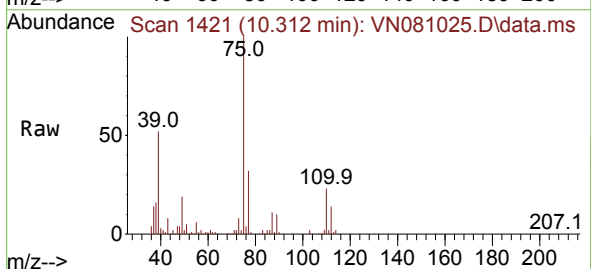
Instrument :  
 MSVOA\_N  
 ClientSampleId :

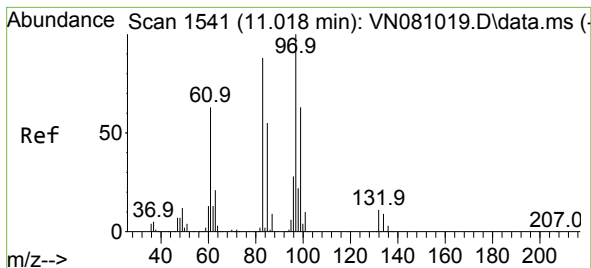
Tgt Ion: 75 Resp: 632188  
 Ion Ratio Lower Upper  
 75 100  
 77 31.3 25.5 38.3



#54  
 cis-1,3-Dichloropropene  
 Concen: 50.801 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. 0.000 min  
 Lab File: VN081025.D  
 Acq: 14 Feb 2024 15:00

Tgt Ion: 75 Resp: 659467  
 Ion Ratio Lower Upper  
 75 100  
 77 31.5 23.3 34.9  
 39 51.9 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 51.379 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

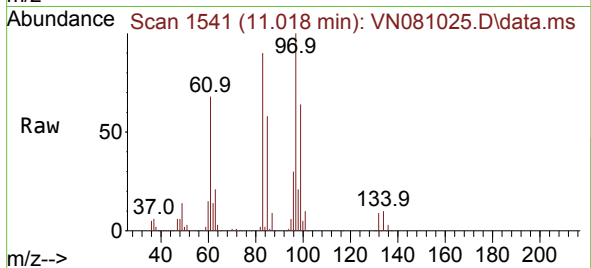
Lab File: VN081025.D

Acq: 14 Feb 2024 15:00

Instrument :

MSVOA\_N

ClientSampleId :



Tgt Ion: 97 Resp: 367443

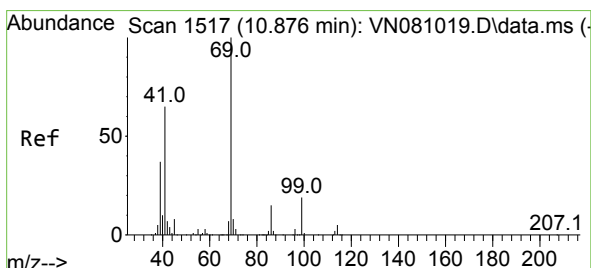
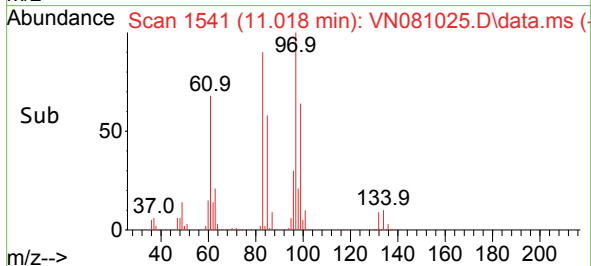
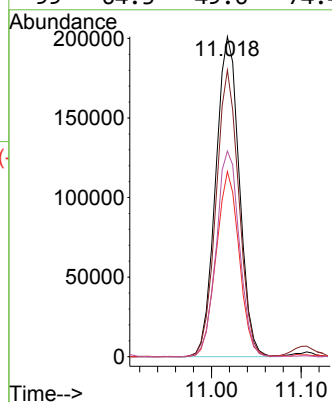
Ion Ratio Lower Upper

97 100

83 89.6 72.9 109.3

85 57.8 50.2 75.2

99 64.3 49.6 74.4



#56

Ethyl methacrylate

Concen: 52.304 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN081025.D

Acq: 14 Feb 2024 15:00

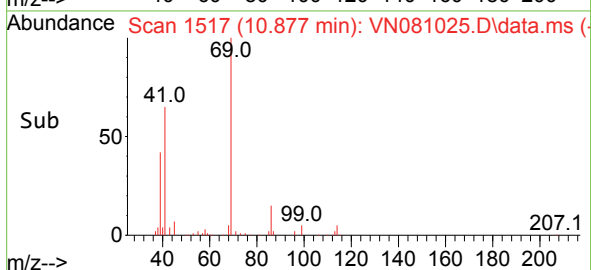
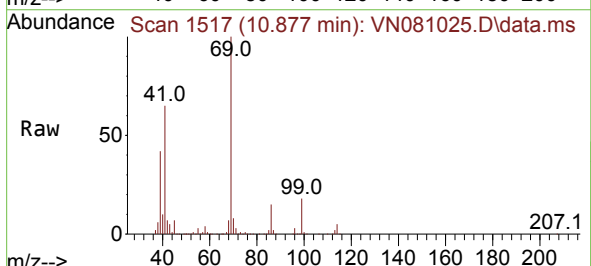
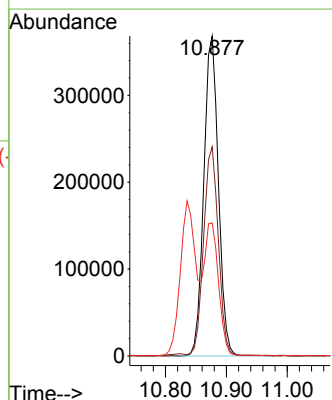
Tgt Ion: 69 Resp: 612470

Ion Ratio Lower Upper

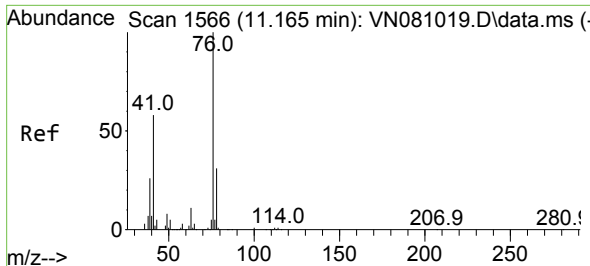
69 100

41 65.6 61.0 91.6

39 38.6 31.8 47.6







#57

1,3-Dichloropropane

Concen: 51.194 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081025.D

Acq: 14 Feb 2024 15:00

Instrument :

MSVOA\_N

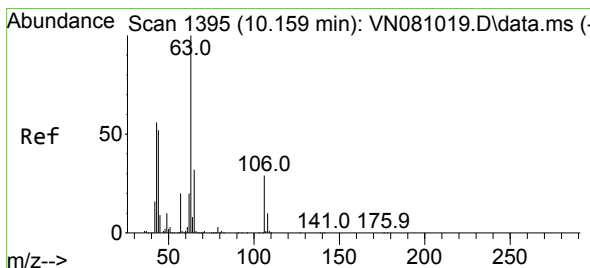
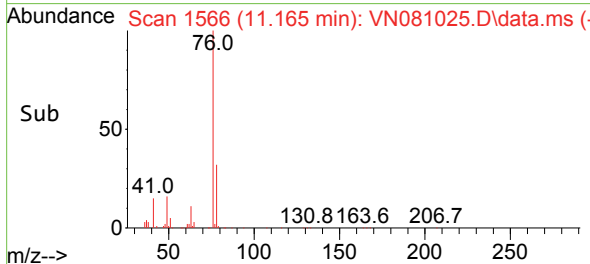
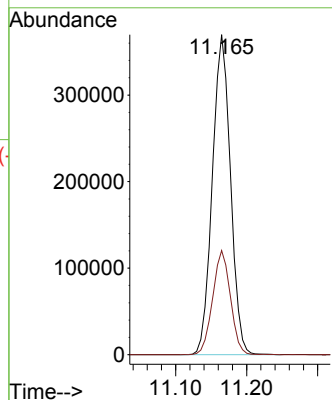
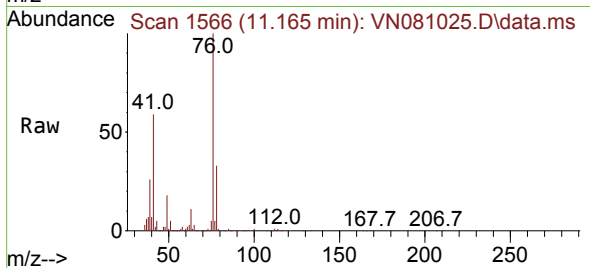
ClientSampleId :

Tgt Ion: 76 Resp: 654053

Ion Ratio Lower Upper

76 100

78 32.0 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 212.880 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN081025.D

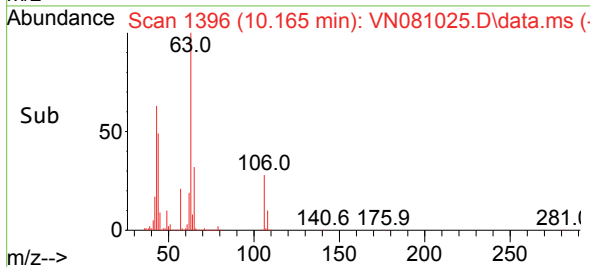
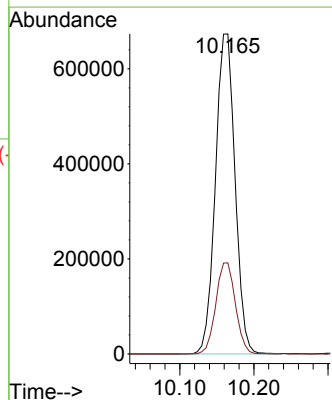
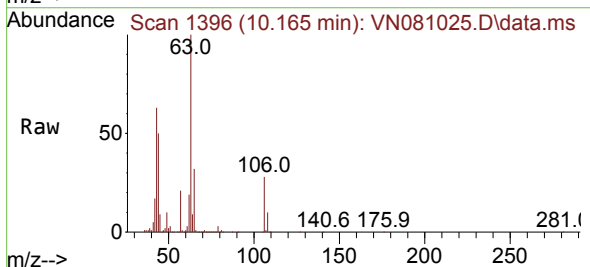
Acq: 14 Feb 2024 15:00

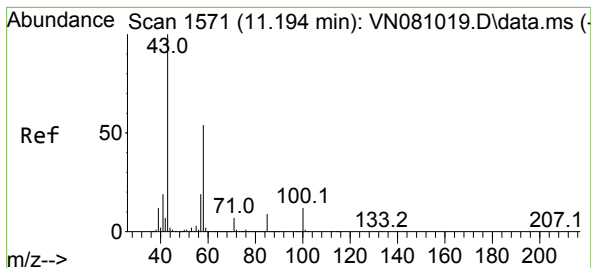
Tgt Ion: 63 Resp: 1236922

Ion Ratio Lower Upper

63 100

106 28.5 18.6 28.0#

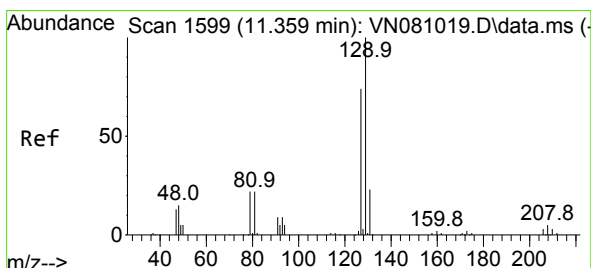
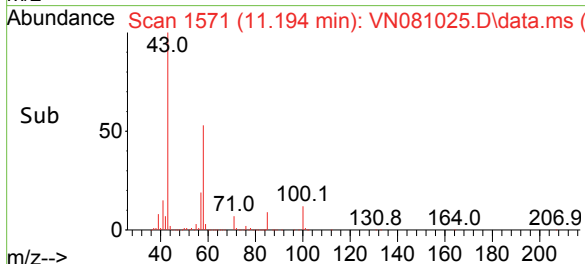
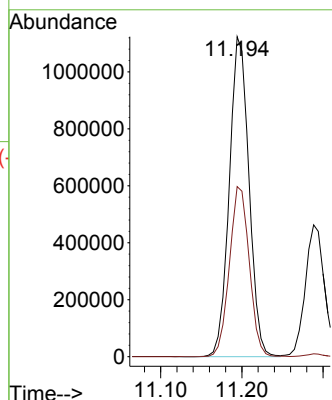
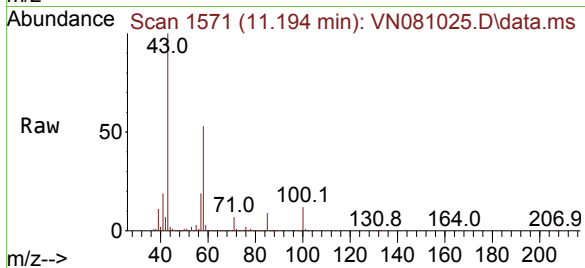




#59  
2-Hexanone  
Concen: 261.137 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

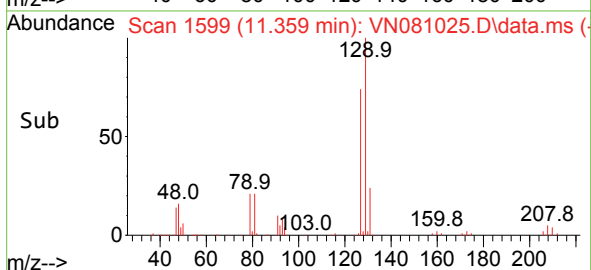
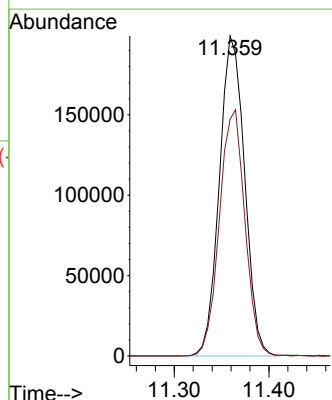
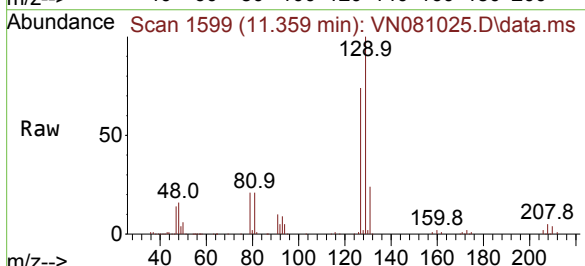
Instrument :  
MSVOA\_N  
ClientSampleId :

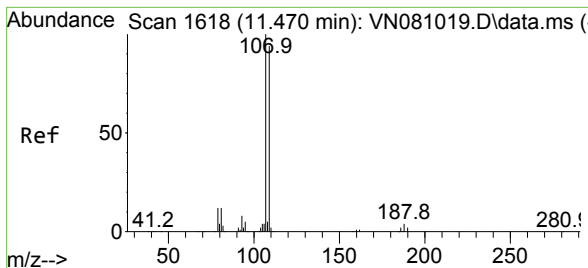
Tgt Ion: 43 Resp: 1887185  
Ion Ratio Lower Upper  
43 100  
58 53.7 25.9 77.8



#60  
Dibromochloromethane  
Concen: 54.229 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

Tgt Ion:129 Resp: 368776  
Ion Ratio Lower Upper  
129 100  
127 77.7 39.4 118.2

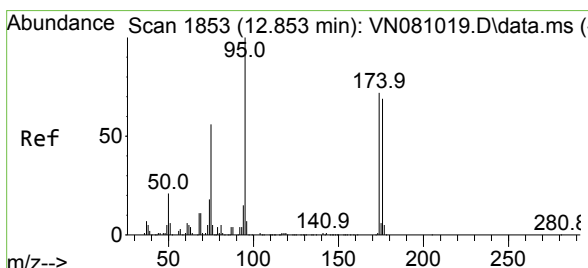
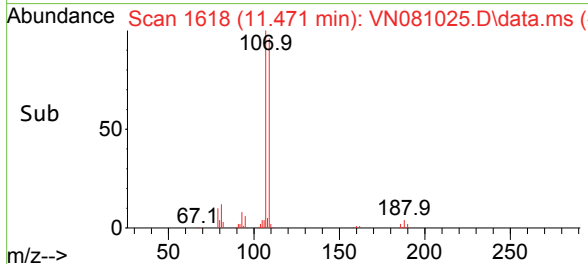
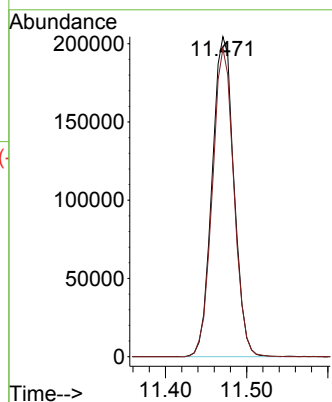
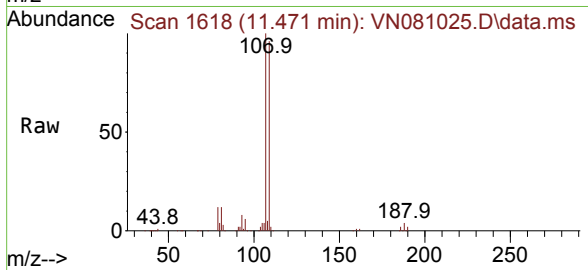




#61  
1,2-Dibromoethane  
Concen: 50.813 ug/l  
RT: 11.471 min Scan# 1618  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

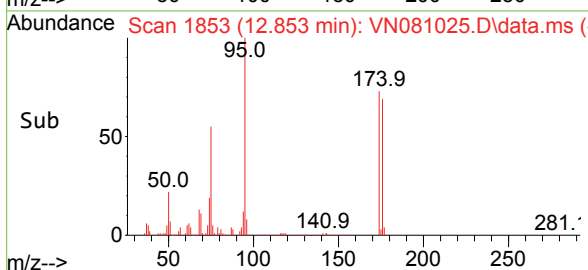
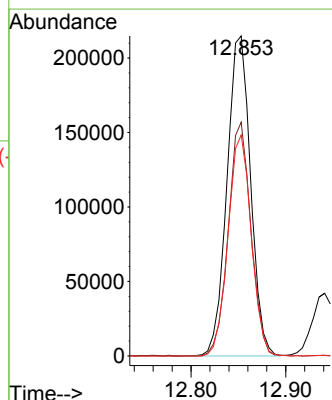
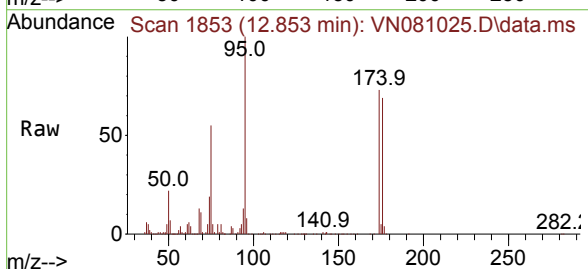
Instrument :  
MSVOA\_N  
ClientSampleId :

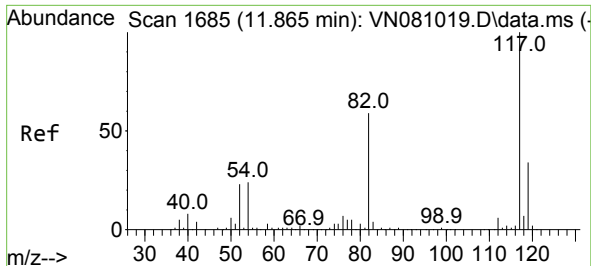
Tgt Ion:107 Resp: 382104  
Ion Ratio Lower Upper  
107 100  
109 94.8 73.4 110.2



#62  
4-Bromofluorobenzene  
Concen: 50.304 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

Tgt Ion: 95 Resp: 372311  
Ion Ratio Lower Upper  
95 100  
174 70.1 0.0 120.4  
176 67.5 0.0 121.0

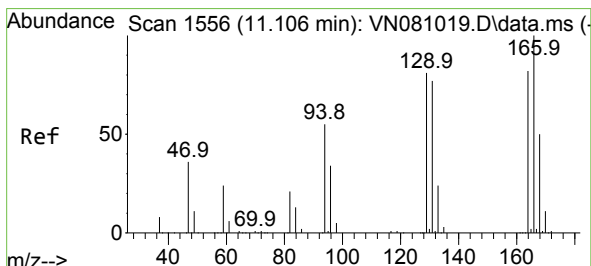
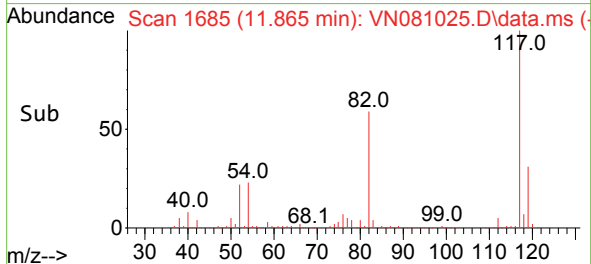
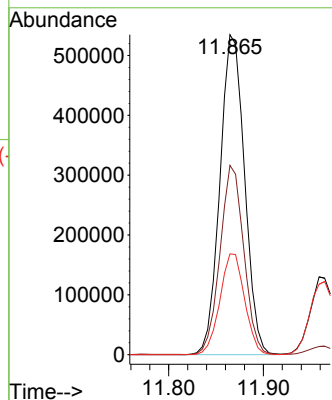
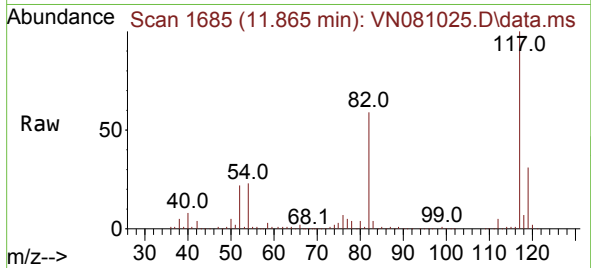




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

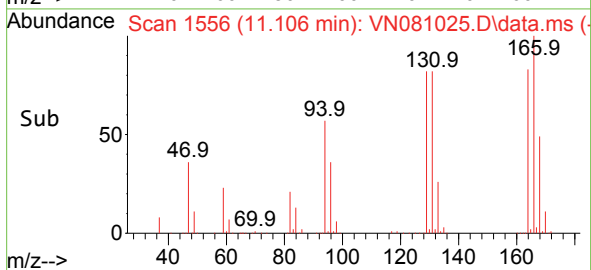
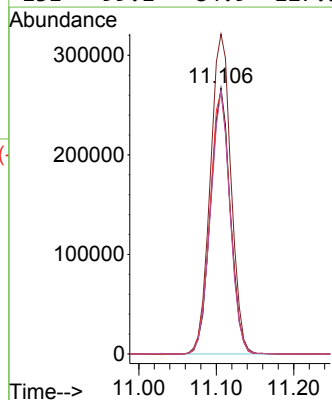
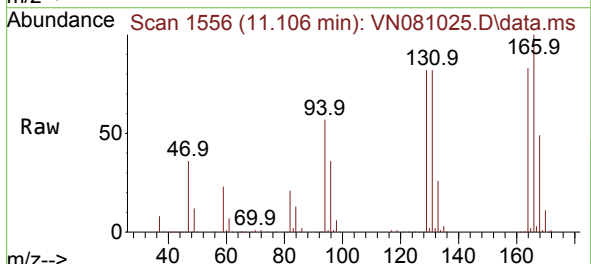
Instrument :  
MSVOA\_N  
ClientSampleId :

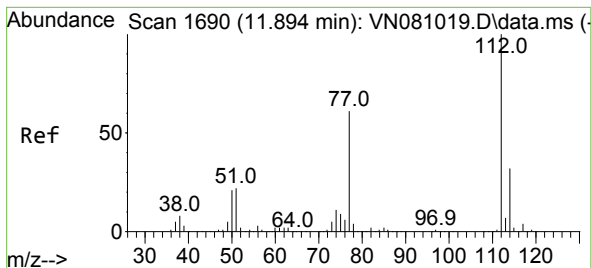
Tgt Ion:117 Resp: 966417  
Ion Ratio Lower Upper  
117 100  
82 59.1 52.7 79.1  
119 31.5 25.3 37.9



#64  
Tetrachloroethene  
Concen: 47.982 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

Tgt Ion:164 Resp: 472730  
Ion Ratio Lower Upper  
164 100  
166 120.4 105.8 158.6  
129 98.8 89.6 134.4  
131 99.1 84.9 127.3





#65

Chlorobenzene

Concen: 49.143 ug/l

RT: 11.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081025.D

Acq: 14 Feb 2024 15:00

Instrument :

MSVOA\_N

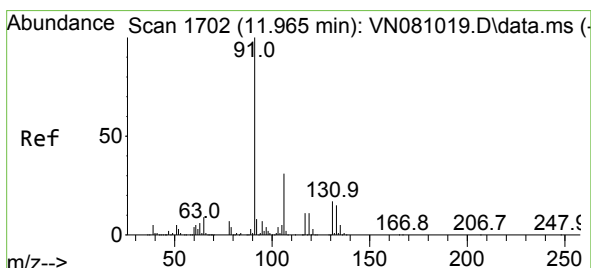
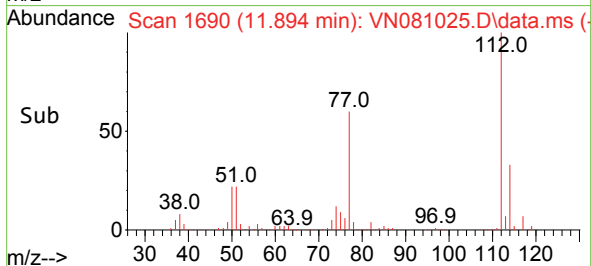
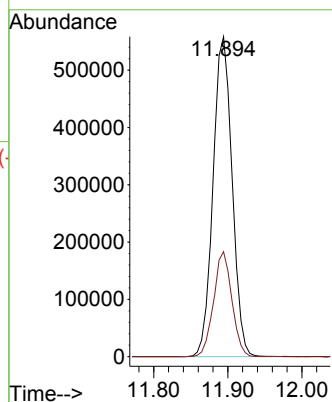
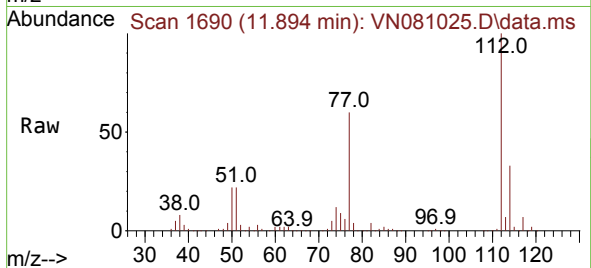
ClientSampleId :

Tgt Ion:112 Resp: 995870

Ion Ratio Lower Upper

112 100

114 32.8 23.7 35.5



#66

1,1,1,2-Tetrachloroethane

Concen: 49.200 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN081025.D

Acq: 14 Feb 2024 15:00

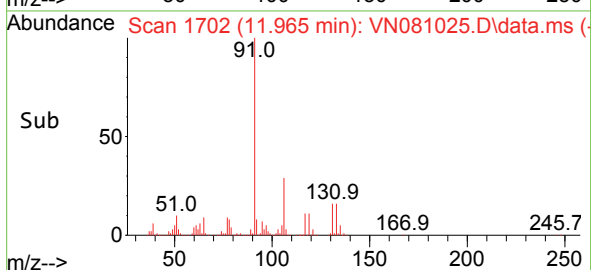
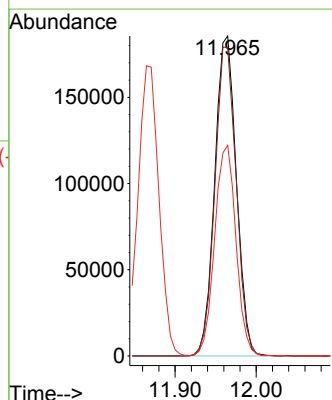
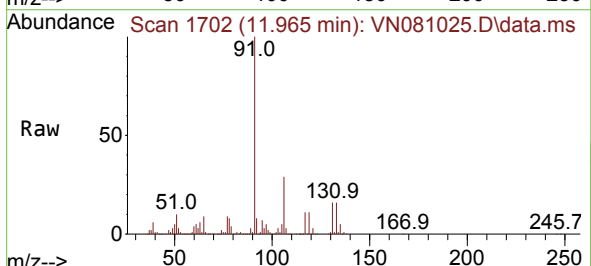
Tgt Ion:131 Resp: 343262

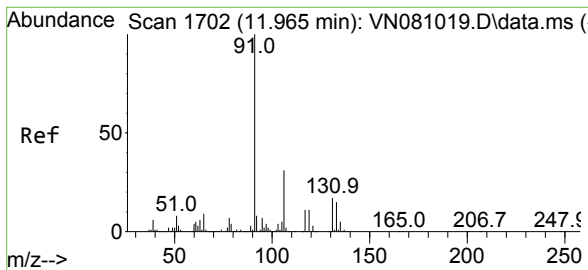
Ion Ratio Lower Upper

131 100

133 95.5 46.8 140.3

119 65.1 34.6 103.9

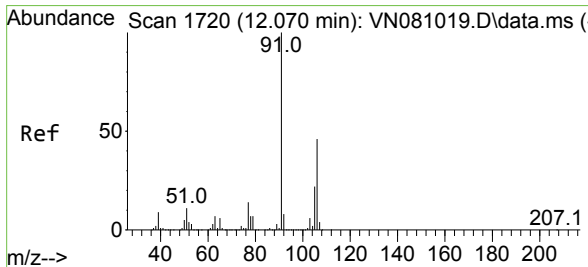
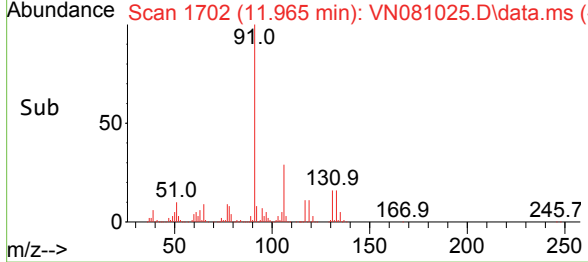
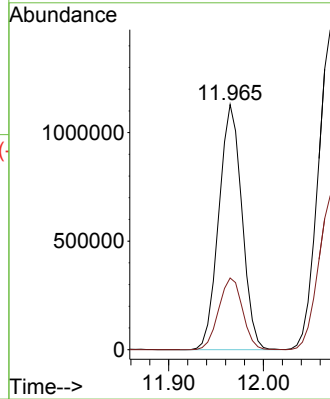
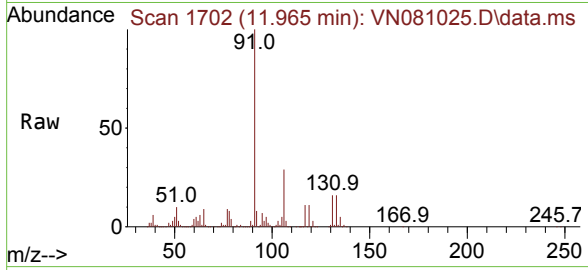




#67  
Ethyl Benzene  
Concen: 50.098 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

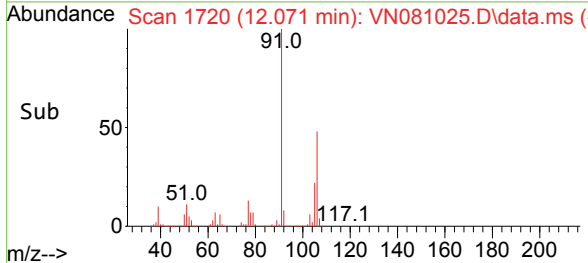
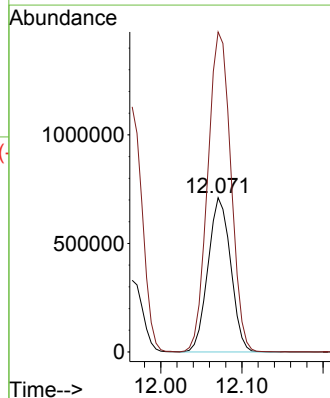
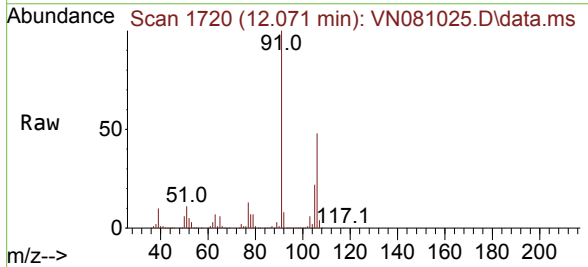
Instrument :  
MSVOA\_N  
ClientSampleId :

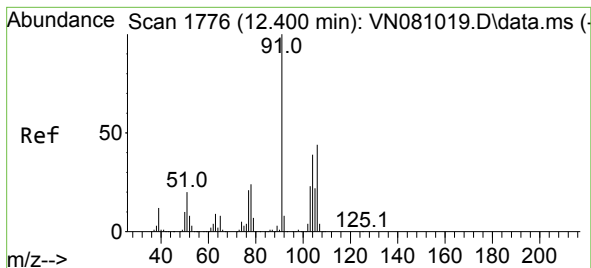
Tgt Ion: 91 Resp: 1913990  
Ion Ratio Lower Upper  
91 100  
106 29.2 23.8 35.6



#68  
m/p-Xylenes  
Concen: 97.842 ug/l  
RT: 12.071 min Scan# 1720  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

Tgt Ion:106 Resp: 1378471  
Ion Ratio Lower Upper  
106 100  
91 211.9 169.0 253.6





#69

o-Xylene

Concen: 48.838 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN081025.D

Acq: 14 Feb 2024 15:00

Instrument :

MSVOA\_N

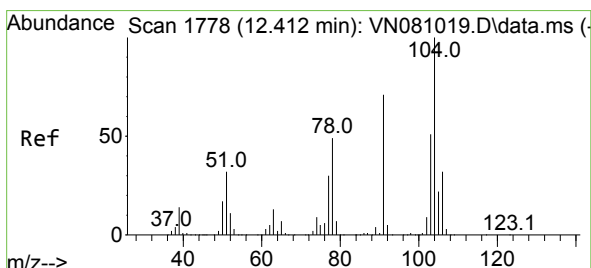
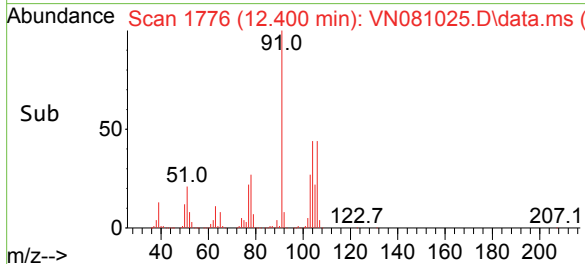
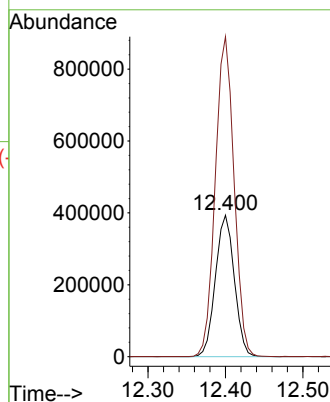
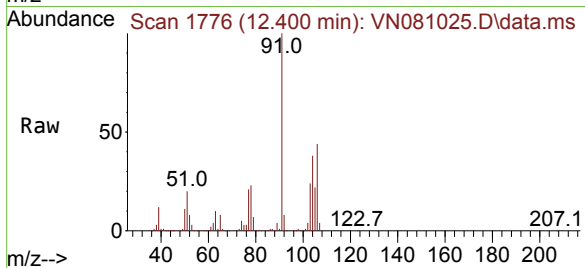
ClientSampleId :

Tgt Ion:106 Resp: 667323

Ion Ratio Lower Upper

106 100

91 224.4 112.1 336.3



#70

Styrene

Concen: 49.640 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN081025.D

Acq: 14 Feb 2024 15:00

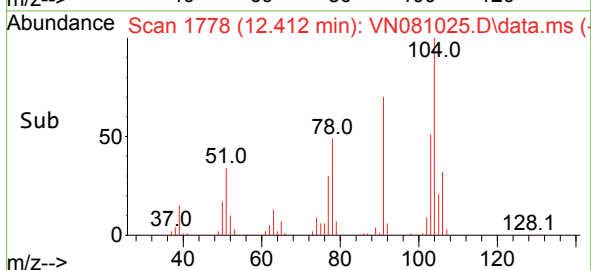
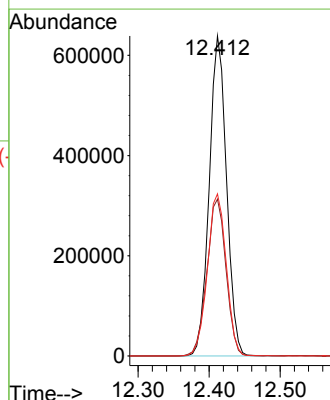
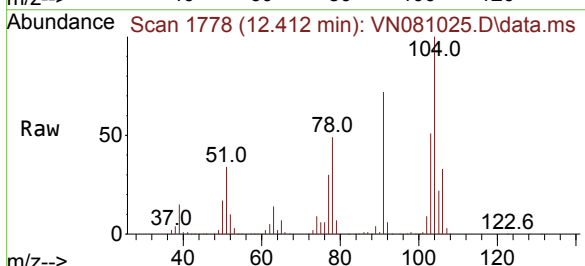
Tgt Ion:104 Resp: 1081069

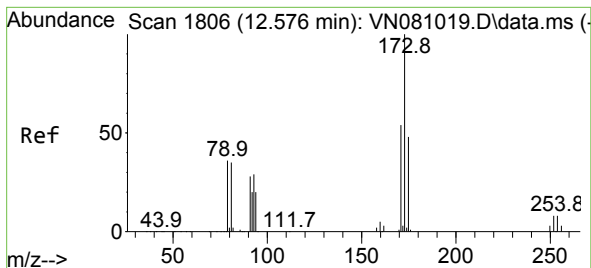
Ion Ratio Lower Upper

104 100

78 54.1 43.8 65.8

103 55.3 44.2 66.2





#71

Bromoform

Concen: 54.482 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN081025.D

Acq: 14 Feb 2024 15:00

Instrument :

MSVOA\_N

ClientSampleId :

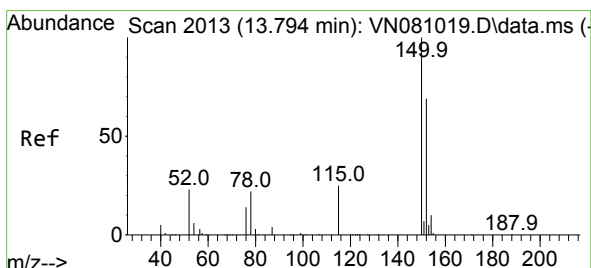
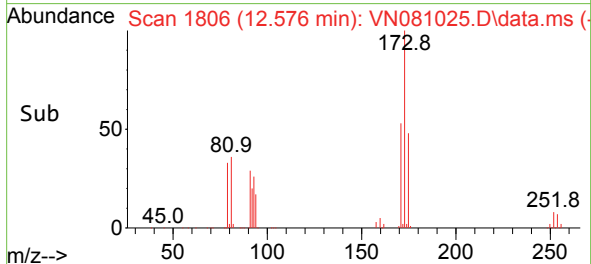
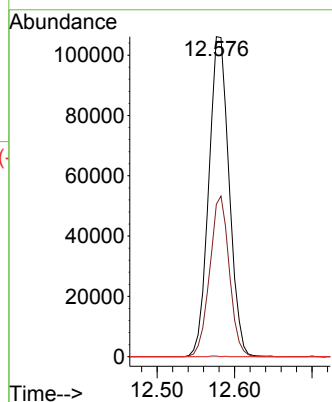
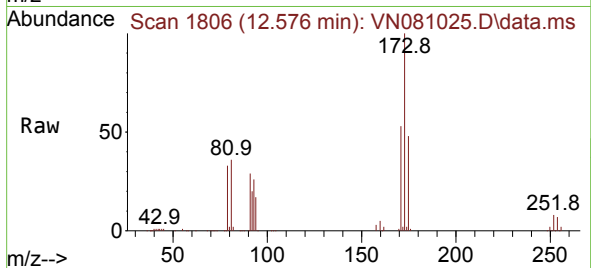
Tgt Ion:173 Resp: 193387

Ion Ratio Lower Upper

173 100

175 48.2 23.1 69.2

254 0.1 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: VN081025.D

Acq: 14 Feb 2024 15:00

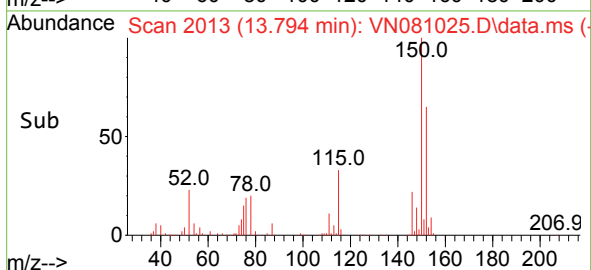
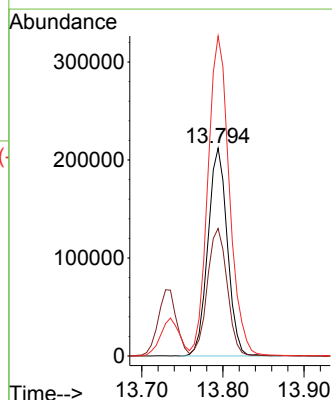
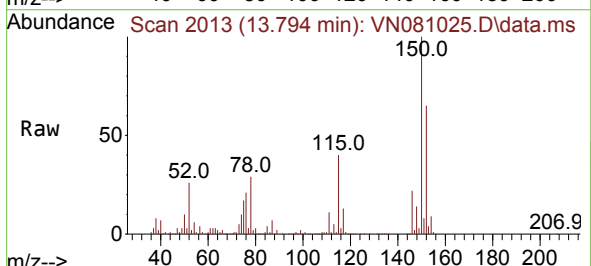
Tgt Ion:152 Resp: 351543

Ion Ratio Lower Upper

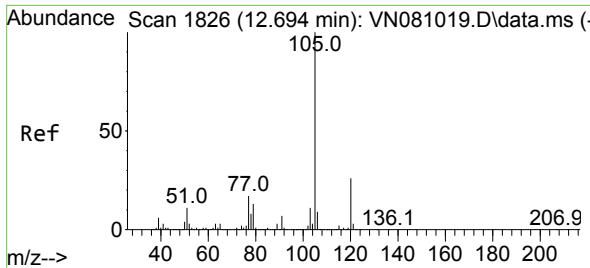
152 100

115 62.8 32.3 96.8

150 170.7 0.0 339.8



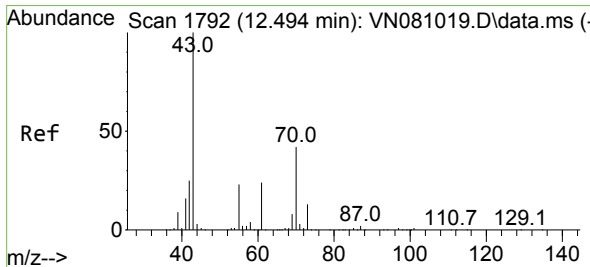
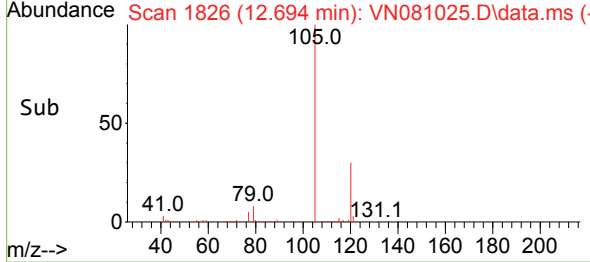
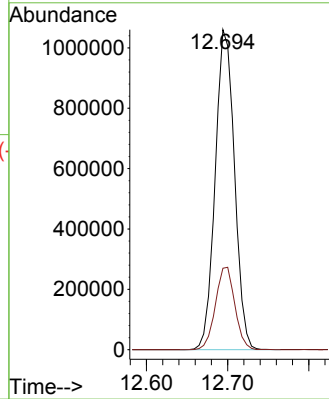
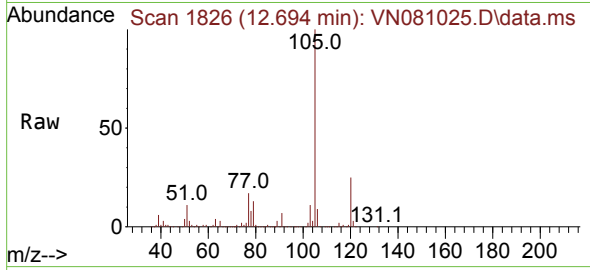




#73  
Isopropylbenzene  
Concen: 49.311 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

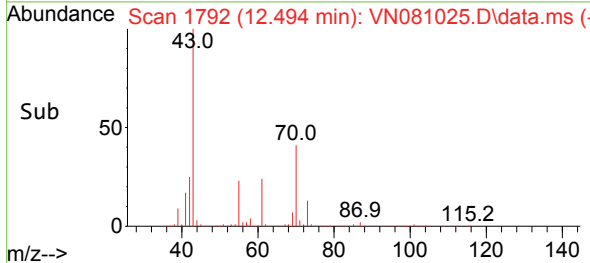
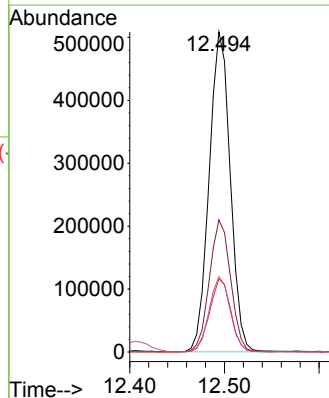
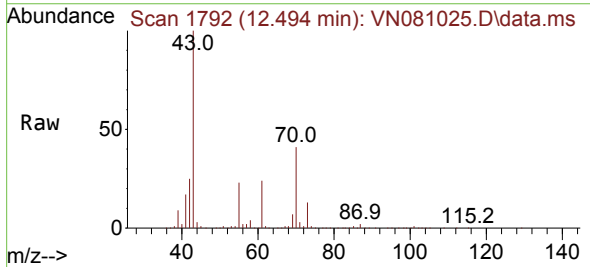
Instrument :  
MSVOA\_N  
ClientSampleId :

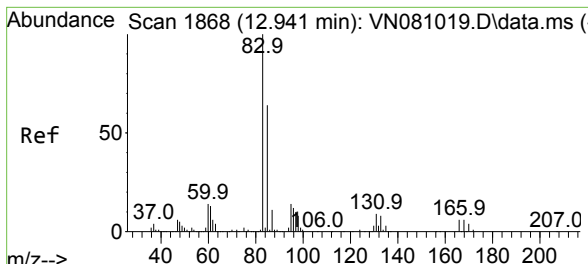
Tgt Ion:105 Resp: 1751436  
Ion Ratio Lower Upper  
105 100  
120 25.9 12.6 37.6



#74  
N-ethyl acetate  
Concen: 48.053 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

Tgt Ion: 43 Resp: 785233  
Ion Ratio Lower Upper  
43 100  
70 41.6 30.1 45.1  
55 22.9 17.0 25.4  
61 23.8 17.5 26.3

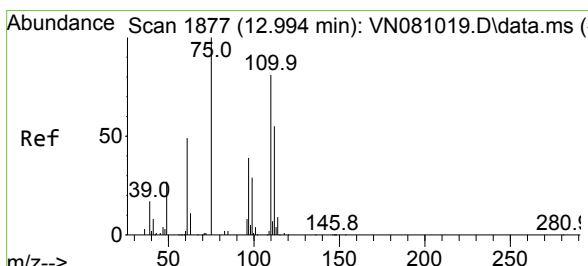
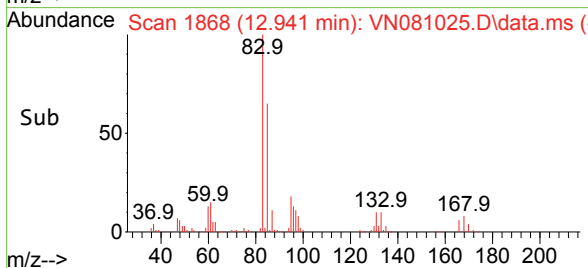
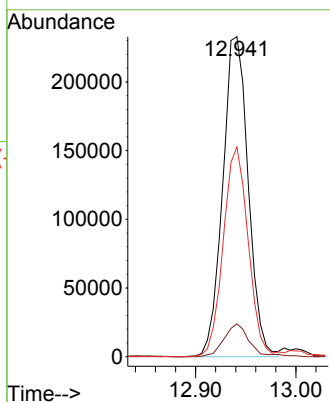
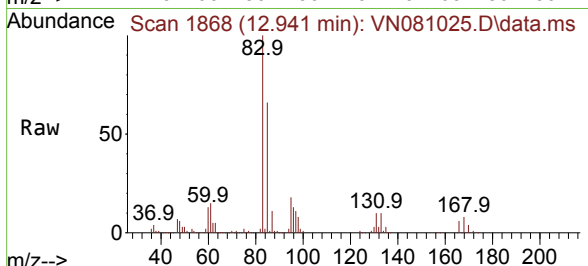




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 47.309 ug/l  
 RT: 12.941 min Scan# 1868  
 Delta R.T. 0.000 min  
 Lab File: VN081025.D  
 Acq: 14 Feb 2024 15:00

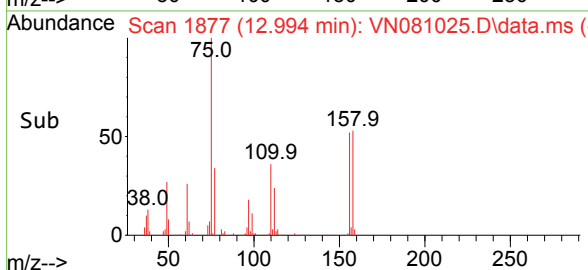
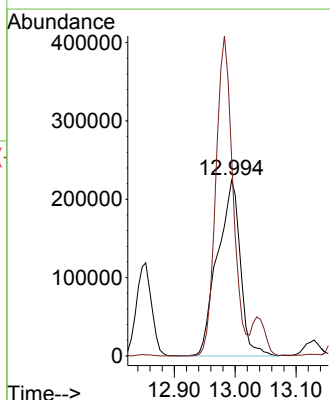
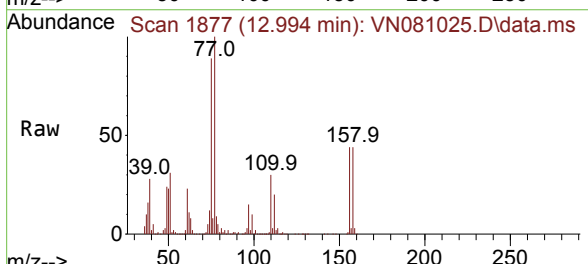
Instrument :  
 MSVOA\_N  
 ClientSampleId :

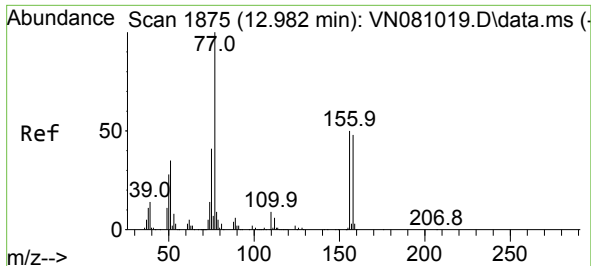
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 412428 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.2  | 4.1   | 12.3   |
| 85        | 64.2  | 32.1  | 96.3   |



#76  
 1,2,3-Trichloropropane  
 Concen: 75.442 ug/l  
 RT: 12.994 min Scan# 1877  
 Delta R.T. 0.000 min  
 Lab File: VN081025.D  
 Acq: 14 Feb 2024 15:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 586010 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 136.4 | 91.0  | 272.8  |

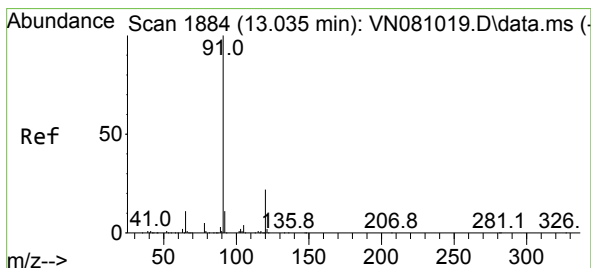
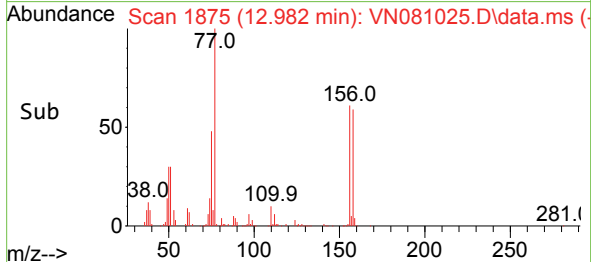
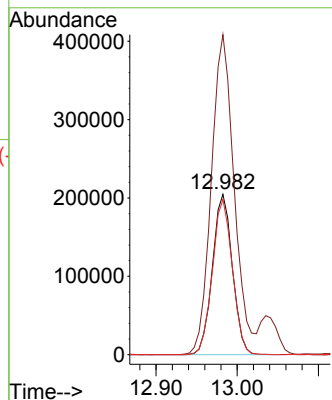
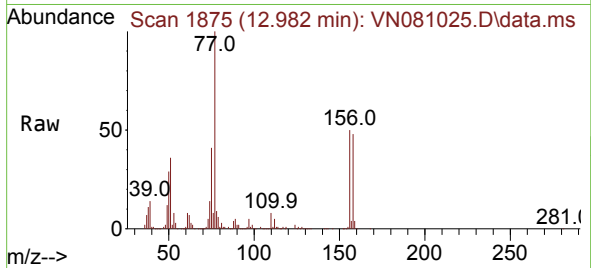




#77  
Bromobenzene  
Concen: 48.529 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

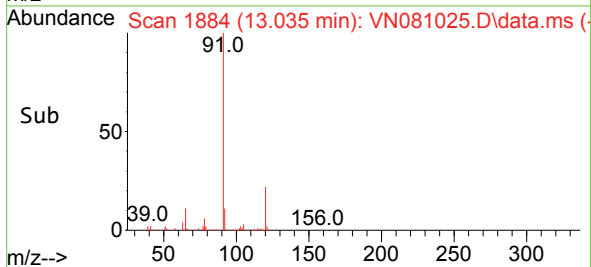
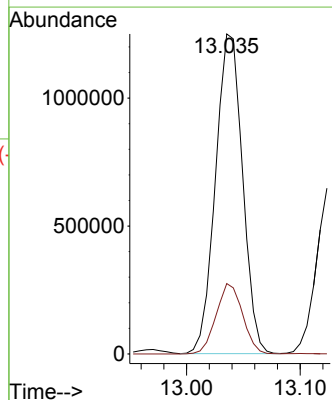
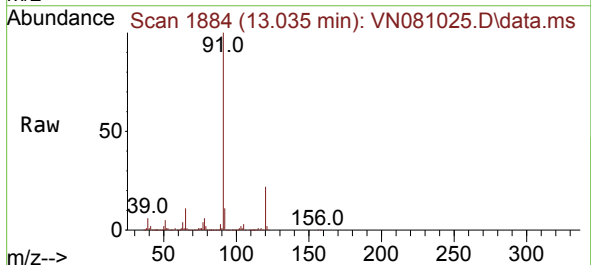
Instrument :  
MSVOA\_N  
ClientSampleId :

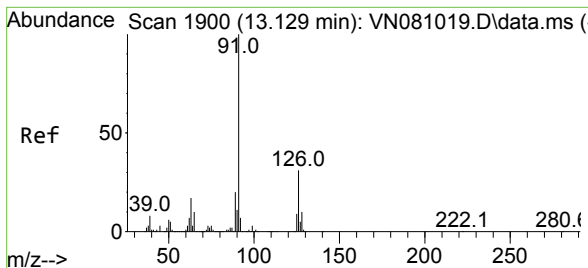
Tgt Ion:156 Resp: 349126  
Ion Ratio Lower Upper  
156 100  
77 228.9 138.1 414.3  
158 97.1 46.5 139.5



#78  
n-propylbenzene  
Concen: 51.040 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

Tgt Ion: 91 Resp: 2068642  
Ion Ratio Lower Upper  
91 100  
120 21.5 10.3 30.9

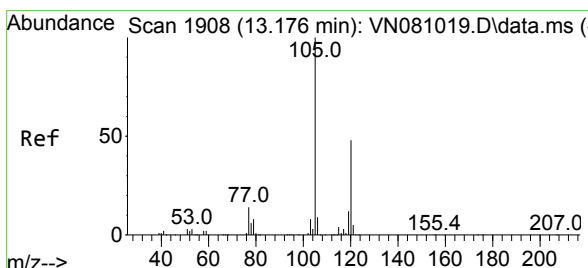
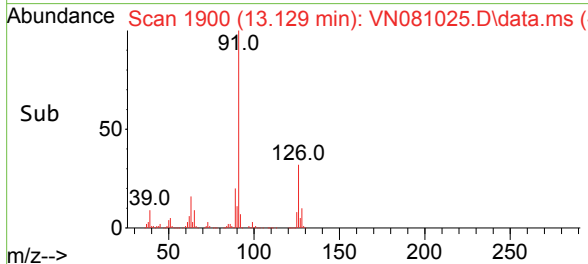
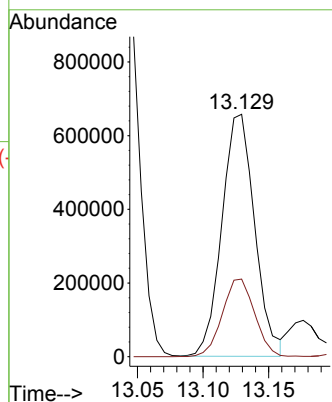
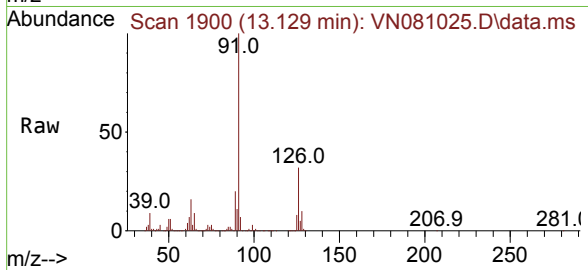




#79  
2-Chlorotoluene  
Concen: 48.895 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

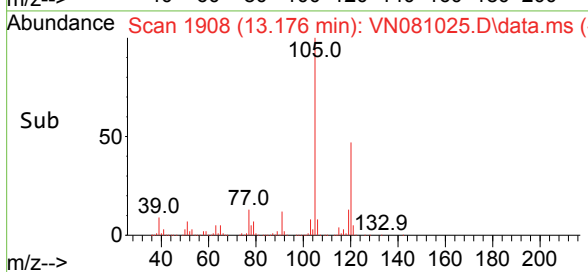
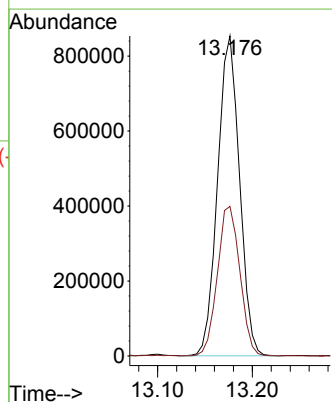
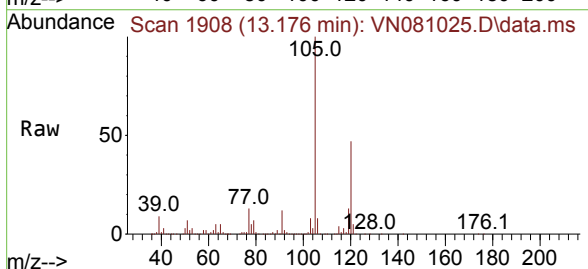
Instrument :  
MSVOA\_N  
ClientSampleId :

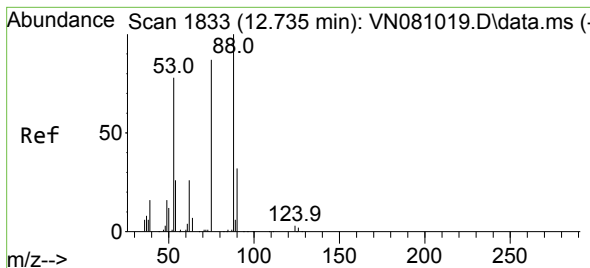
Tgt Ion: 91 Resp: 1144605  
Ion Ratio Lower Upper  
91 100  
126 31.7 14.8 44.4



#80  
1,3,5-Trimethylbenzene  
Concen: 49.834 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

Tgt Ion: 105 Resp: 1373261  
Ion Ratio Lower Upper  
105 100  
120 47.9 23.0 69.0

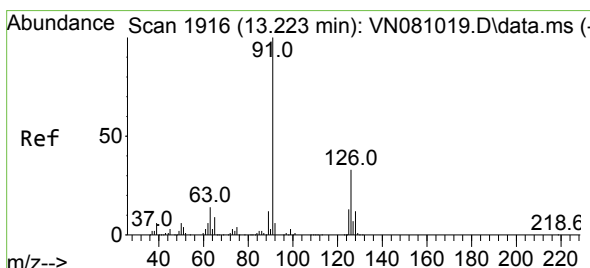
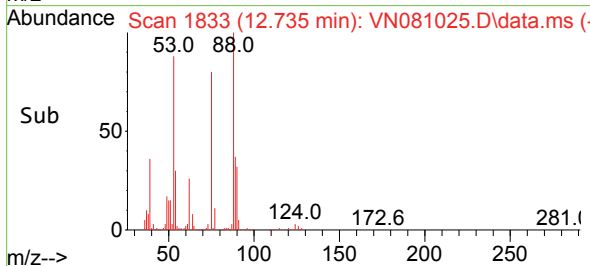
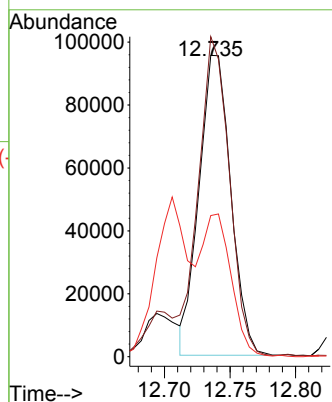
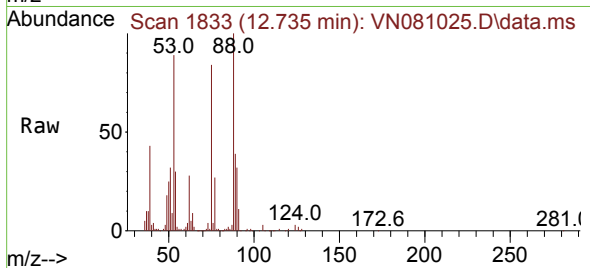




#81  
trans-1,4-Dichloro-2-butene  
Concen: 48.232 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

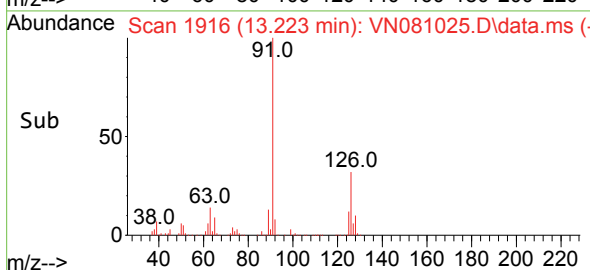
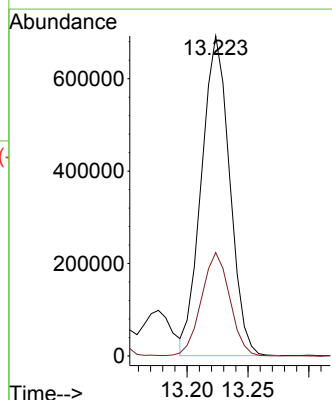
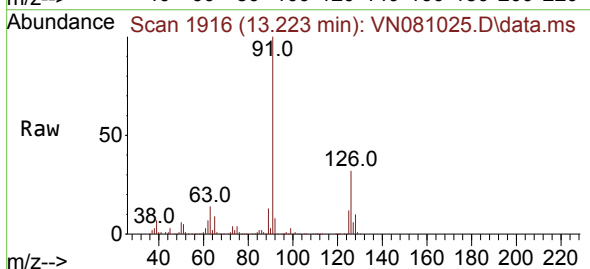
Instrument :  
MSVOA\_N  
ClientSampleId :

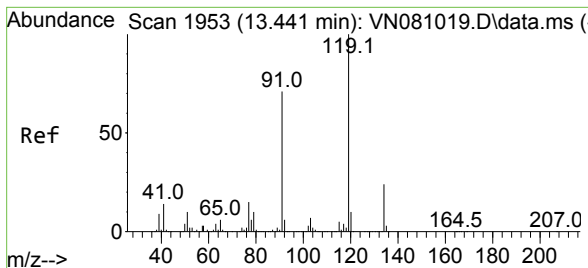
Tgt Ion: 75 Resp: 160942  
Ion Ratio Lower Upper  
75 100  
53 119.3 71.4 107.2#  
89 42.9 33.4 50.0



#82  
4-Chlorotoluene  
Concen: 49.477 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. 0.000 min  
Lab File: VN081025.D  
Acq: 14 Feb 2024 15:00

Tgt Ion: 91 Resp: 1119263  
Ion Ratio Lower Upper  
91 100  
126 32.4 15.3 45.9





#83

tert-Butylbenzene

Concen: 49.128 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN081025.D

Acq: 14 Feb 2024 15:00

Instrument :

MSVOA\_N

ClientSampleId :

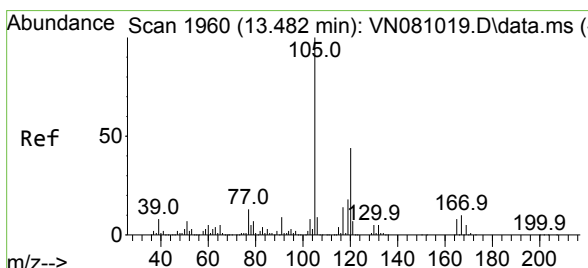
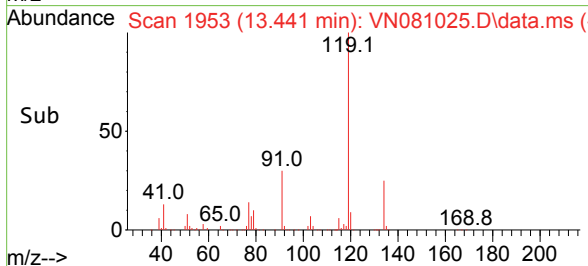
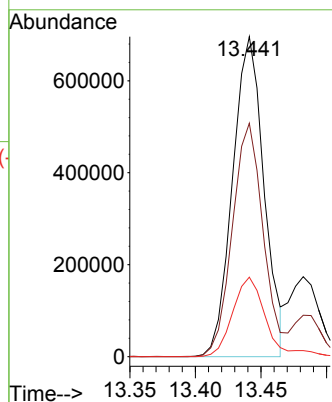
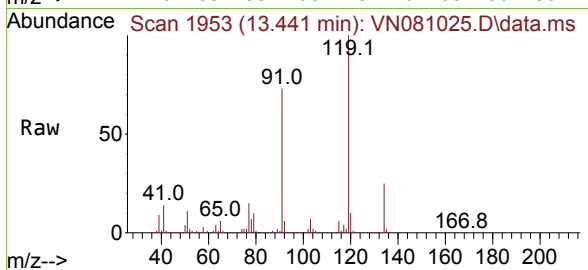
Tgt Ion:119 Resp: 1159304

Ion Ratio Lower Upper

119 100

91 72.6 36.8 110.4

134 26.4 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 50.123 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081025.D

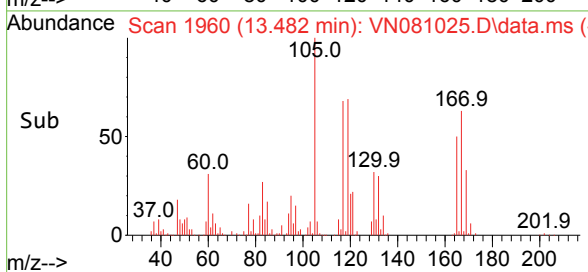
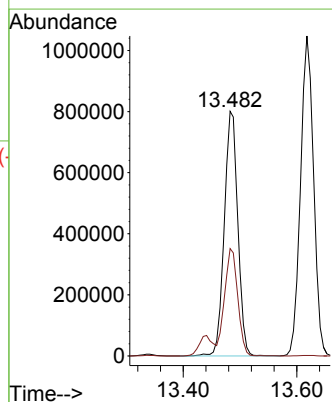
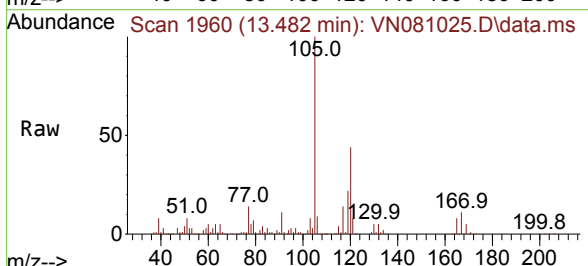
Acq: 14 Feb 2024 15:00

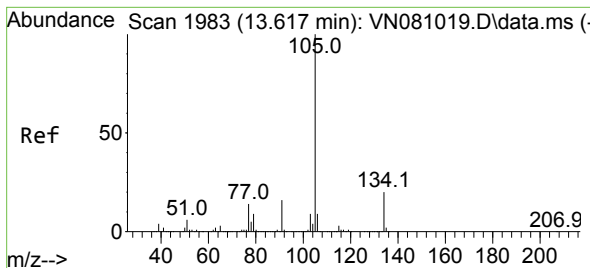
Tgt Ion:105 Resp: 1330790

Ion Ratio Lower Upper

105 100

120 42.7 20.9 62.7





#85

sec-Butylbenzene

Concen: 51.538 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN081025.D

Acq: 14 Feb 2024 15:00

Instrument :

MSVOA\_N

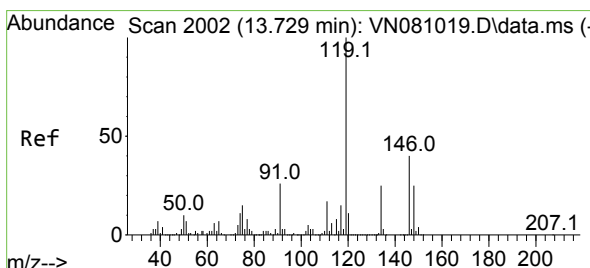
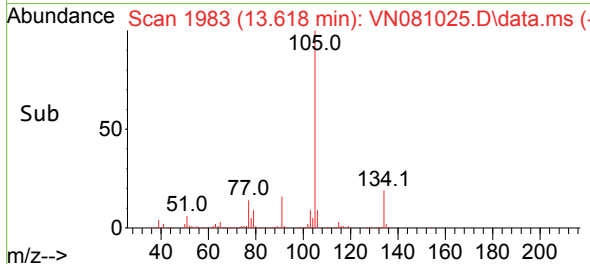
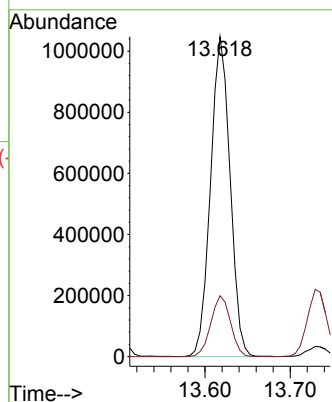
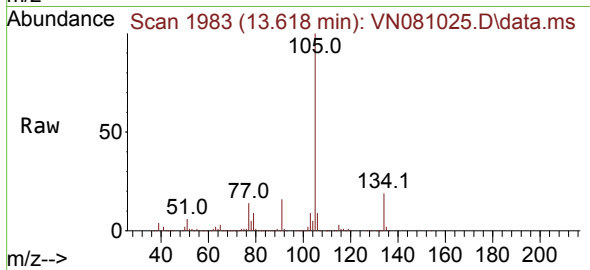
ClientSampleId :

Tgt Ion:105 Resp: 1668470

Ion Ratio Lower Upper

105 100

134 19.2 8.6 25.8



#86

p-Isopropyltoluene

Concen: 51.371 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN081025.D

Acq: 14 Feb 2024 15:00

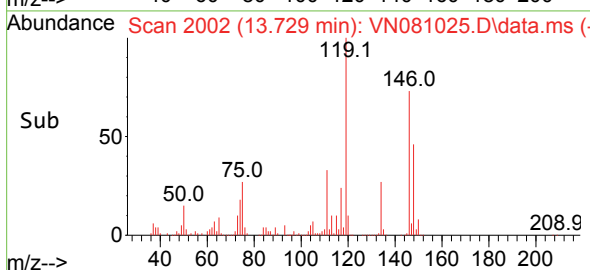
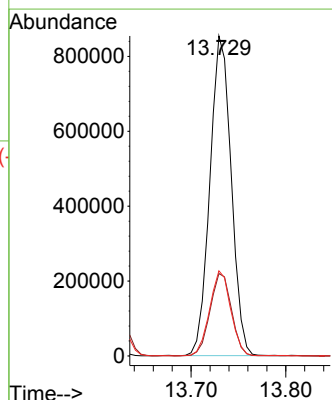
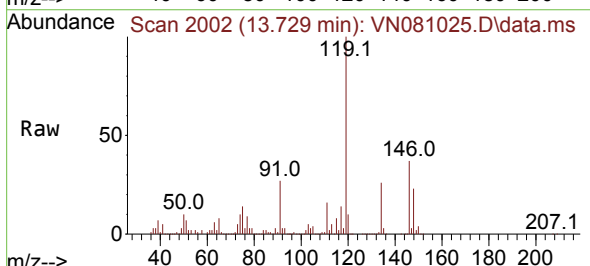
Tgt Ion:119 Resp: 1337388

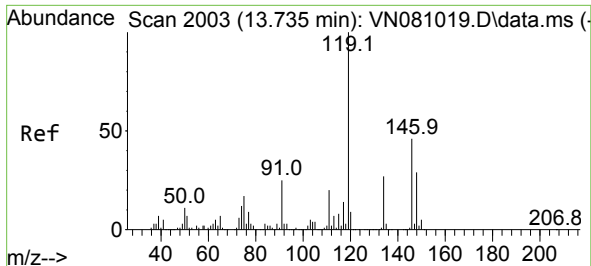
Ion Ratio Lower Upper

119 100

134 26.1 12.4 37.2

91 26.3 13.5 40.4

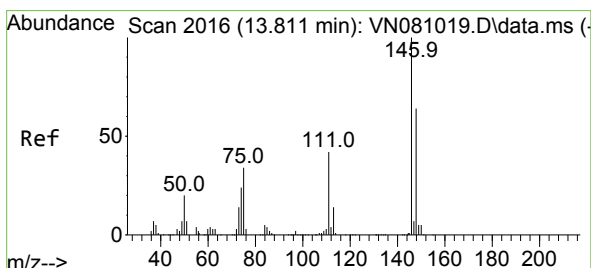
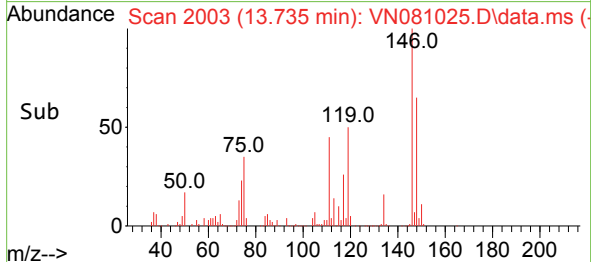
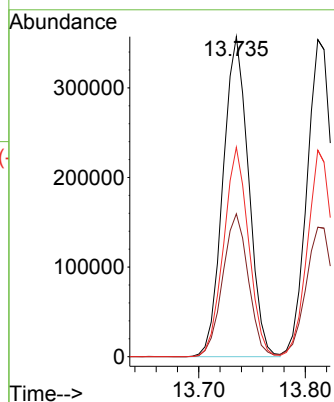
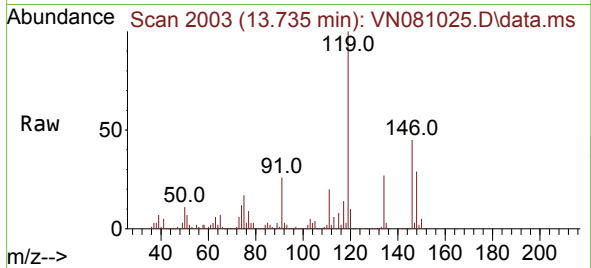




#87  
 1,3-Dichlorobenzene  
 Concen: 48.665 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.000 min  
 Lab File: VN081025.D  
 Acq: 14 Feb 2024 15:00

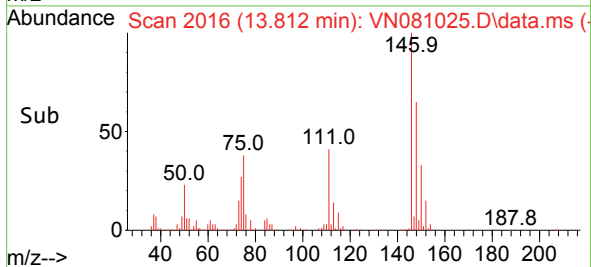
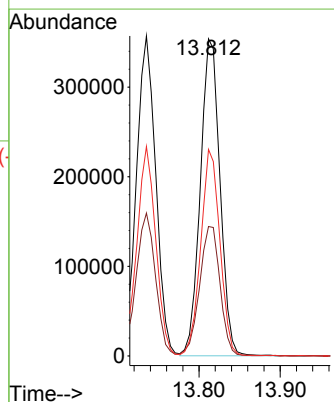
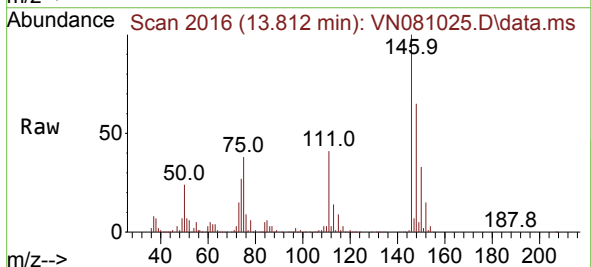
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion:146 Resp: 595357  
 Ion Ratio Lower Upper  
 146 100  
 111 44.7 23.9 71.7  
 148 63.9 32.6 97.7

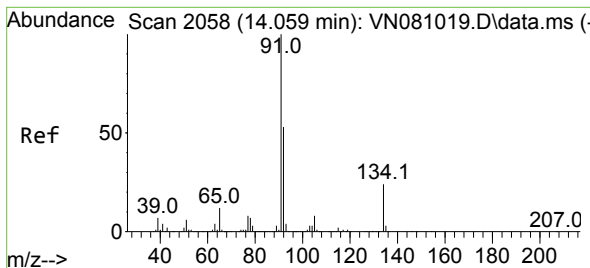


#88  
 1,4-Dichlorobenzene  
 Concen: 47.039 ug/l  
 RT: 13.812 min Scan# 2016  
 Delta R.T. 0.000 min  
 Lab File: VN081025.D  
 Acq: 14 Feb 2024 15:00

Tgt Ion:146 Resp: 594584  
 Ion Ratio Lower Upper  
 146 100  
 111 42.4 22.6 67.7  
 148 63.4 31.9 95.5







#89

n-Butylbenzene

Concen: 50.103 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081025.D

Acq: 14 Feb 2024 15:00

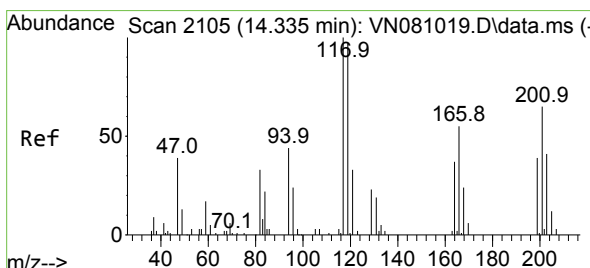
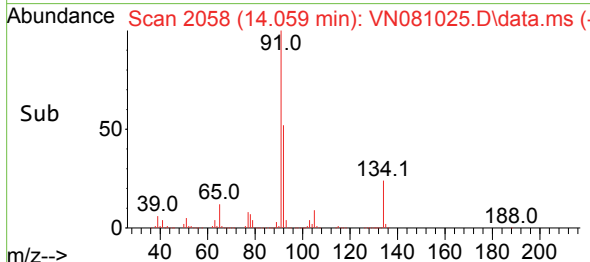
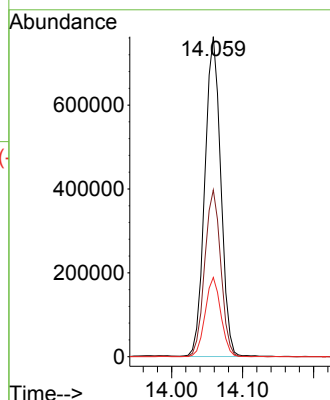
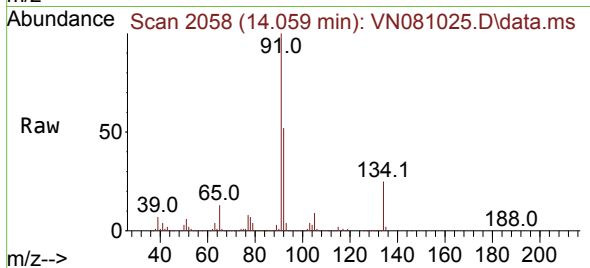
Instrument :

MSVOA\_N

ClientSampleId :

Tgt Ion: 91 Resp: 1193976

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 52.4  | 26.7  | 80.1  |
| 134 | 24.4  | 10.8  | 32.4  |



#90

Hexachloroethane

Concen: 62.141 ug/l

RT: 14.335 min Scan# 2105

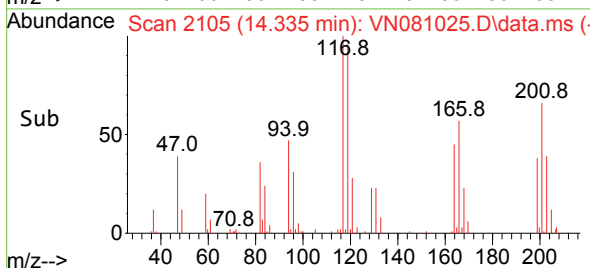
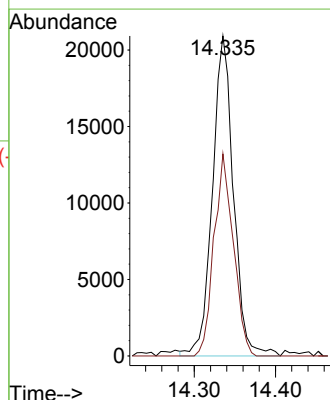
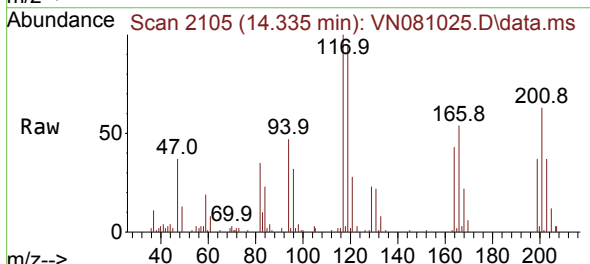
Delta R.T. 0.000 min

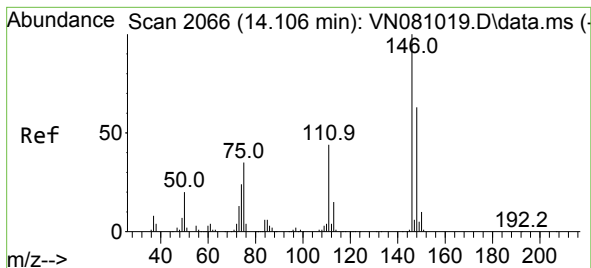
Lab File: VN081025.D

Acq: 14 Feb 2024 15:00

Tgt Ion: 117 Resp: 37654

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 58.3  | 30.0  | 90.0  |





#91

1,2-Dichlorobenzene

Concen: 47.895 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN081025.D

Acq: 14 Feb 2024 15:00

Instrument :

MSVOA\_N

ClientSampleId :

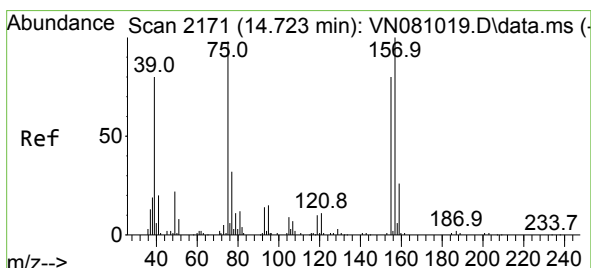
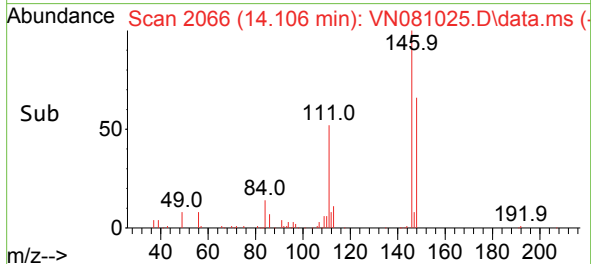
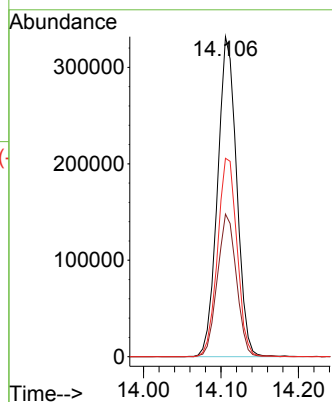
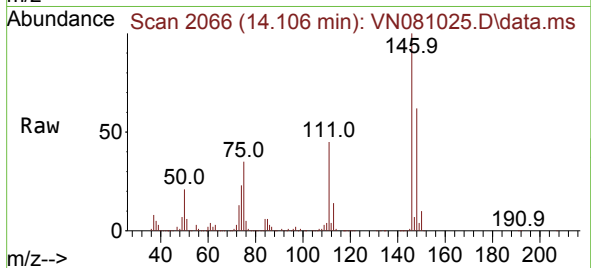
Tgt Ion:146 Resp: 567991

Ion Ratio Lower Upper

146 100

111 44.6 23.9 71.8

148 63.3 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.308 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN081025.D

Acq: 14 Feb 2024 15:00

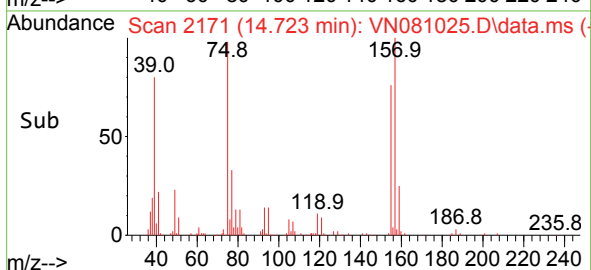
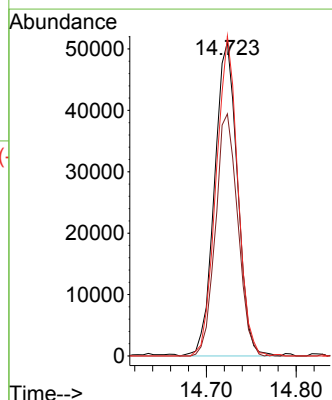
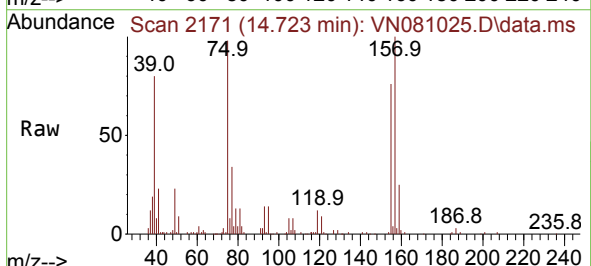
Tgt Ion: 75 Resp: 90935

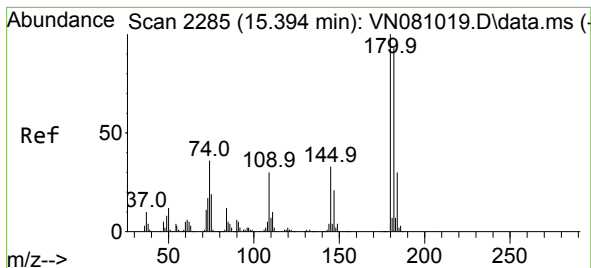
Ion Ratio Lower Upper

75 100

155 74.7 31.8 95.4

157 96.1 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 48.597 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081025.D

Acq: 14 Feb 2024 15:00

Instrument :

MSVOA\_N

ClientSampleId :

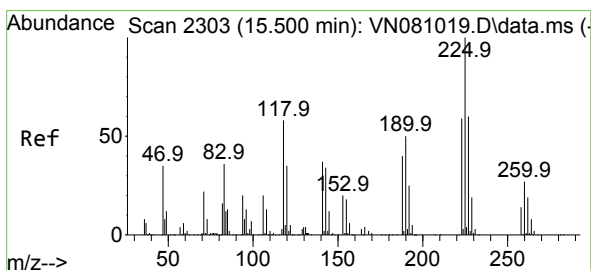
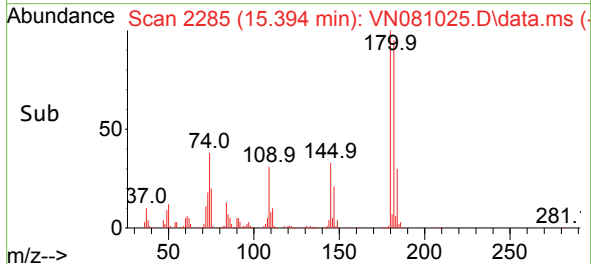
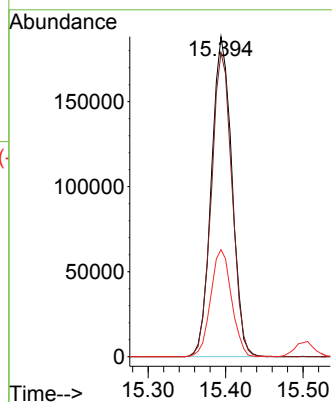
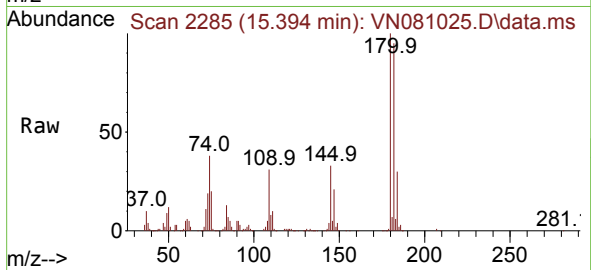
Tgt Ion:180 Resp: 345259

Ion Ratio Lower Upper

180 100

182 95.5 46.6 139.7

145 34.0 16.8 50.3



#94

Hexachlorobutadiene

Concen: 48.720 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN081025.D

Acq: 14 Feb 2024 15:00

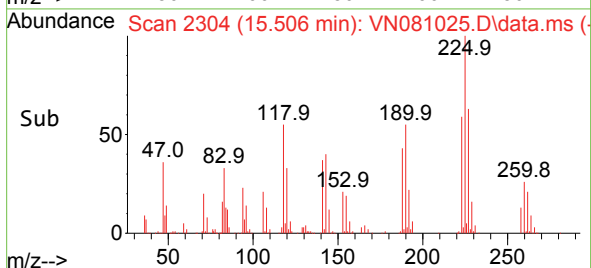
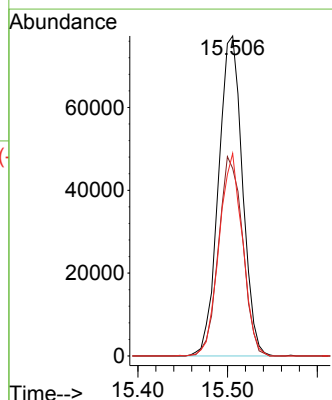
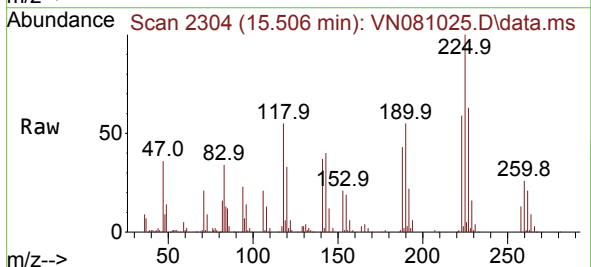
Tgt Ion:225 Resp: 143160

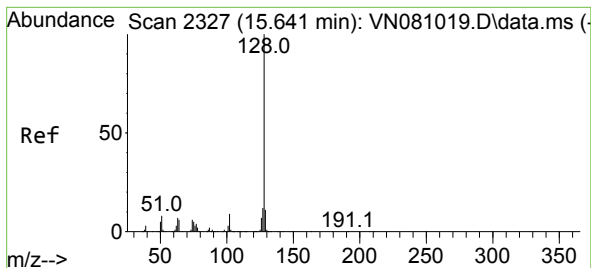
Ion Ratio Lower Upper

225 100

223 62.8 33.3 99.8

227 62.1 33.1 99.2





#95

Naphthalene

Concen: 47.578 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081025.D

Acq: 14 Feb 2024 15:00

Instrument :

MSVOA\_N

ClientSampleId :

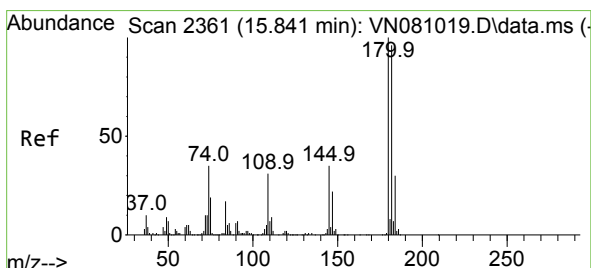
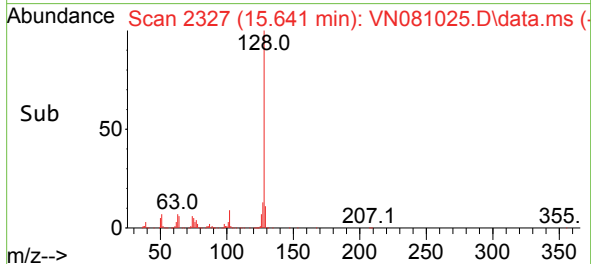
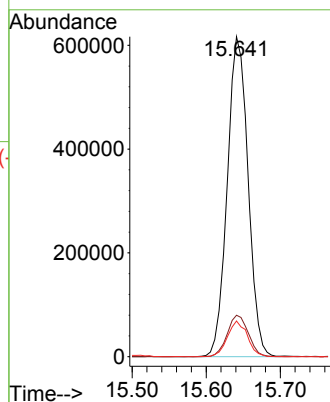
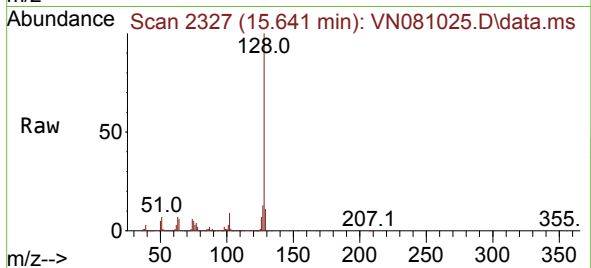
Tgt Ion:128 Resp: 1202564

Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 49.022 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081025.D

Acq: 14 Feb 2024 15:00

Tgt Ion:180 Resp: 341306

Ion Ratio Lower Upper

180 100

182 94.3 46.5 139.3

145 36.0 17.8 53.4

