

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN093023\  
 Data File : VN079379.D  
 Acq On : 30 Sep 2023 12:10  
 Operator : JC\MD  
 Sample : VN0930WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Oct 02 01:51:49 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091123W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 12 05:05:24 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.230  | 168  | 158475   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 283479   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.871 | 117  | 255104   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 103627   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 117231   | 54.800   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 109.600% |      |
| 35) Dibromofluoromethane    | 8.171  | 113   | 95289    | 50.534   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 101.060% |      |
| 50) Toluene-d8              | 10.571 | 98    | 334349   | 48.290   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 96.580%  |      |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 105016   | 47.550   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 95.100%  |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 29121  | 18.572  | ug/l   | 98  |
| 3) Chloromethane             | 2.365 | 50  | 39325  | 19.105  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.512 | 62  | 43900  | 19.573  | ug/l   | 94  |
| 5) Bromomethane              | 2.954 | 94  | 26600  | 20.633  | ug/l   | 92  |
| 6) Chloroethane              | 3.118 | 64  | 32152  | 21.864  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.501 | 101 | 57801  | 17.599  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.965 | 74  | 21812  | 19.134  | ug/l   | 63  |
| 9) 1,1,2-Trichlorotrifluo... | 4.365 | 101 | 34104  | 19.526  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.595 | 142 | 32667  | 22.864  | ug/l   | 96  |
| 11) Tert butyl alcohol       | 5.530 | 59  | 32654  | 82.678  | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 4.342 | 96  | 29654  | 17.545  | ug/l   | 86  |
| 13) Acrolein                 | 4.183 | 56  | 38265  | 101.568 | ug/l   | 96  |
| 14) Allyl chloride           | 5.030 | 41  | 46493  | 17.244  | ug/l   | 88  |
| 15) Acrylonitrile            | 5.724 | 53  | 104178 | 101.726 | ug/l   | 97  |
| 16) Acetone                  | 4.436 | 43  | 99542  | 109.561 | ug/l   | 94  |
| 17) Carbon Disulfide         | 4.718 | 76  | 70615  | 13.367  | ug/l   | 99  |
| 18) Methyl Acetate           | 5.030 | 43  | 84985  | 22.759  | ug/l # | 83  |
| 19) Methyl tert-butyl Ether  | 5.800 | 73  | 112345 | 19.381  | ug/l   | 93  |
| 20) Methylene Chloride       | 5.277 | 84  | 40652  | 18.386  | ug/l # | 80  |
| 21) trans-1,2-Dichloroethene | 5.789 | 96  | 33815  | 17.246  | ug/l # | 80  |
| 22) Diisopropyl ether        | 6.677 | 45  | 132467 | 22.392  | ug/l # | 90  |
| 23) Vinyl Acetate            | 6.612 | 43  | 355618 | 97.730  | ug/l # | 86  |
| 24) 1,1-Dichloroethane       | 6.577 | 63  | 75536  | 20.712  | ug/l   | 97  |
| 25) 2-Butanone               | 7.489 | 43  | 141711 | 107.500 | ug/l # | 81  |
| 26) 2,2-Dichloropropane      | 7.494 | 77  | 59193  | 19.779  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.494 | 96  | 43171  | 19.256  | ug/l   | 89  |
| 28) Bromochloromethane       | 7.818 | 49  | 30887  | 18.732  | ug/l # | 73  |
| 29) Tetrahydrofuran          | 7.847 | 42  | 84516  | 100.746 | ug/l # | 78  |
| 30) Chloroform               | 7.971 | 83  | 80784  | 21.276  | ug/l   | 97  |
| 31) Cyclohexane              | 8.259 | 56  | 56864  | 18.205  | ug/l   | 88  |
| 32) 1,1,1-Trichloroethane    | 8.171 | 97  | 65788  | 20.326  | ug/l # | 90  |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 51117  | 17.587  | ug/l   | 94  |
| 37) Ethyl Acetate            | 7.571 | 43  | 55890  | 19.279  | ug/l # | 91  |
| 38) Carbon Tetrachloride     | 8.365 | 117 | 54406  | 18.089  | ug/l   | 95  |
| 39) Methylcyclohexane        | 9.606 | 83  | 46181  | 16.108  | ug/l # | 84  |
| 40) Benzene                  | 8.612 | 78  | 166870 | 18.755  | ug/l   | 98  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN093023\  
 Data File : VN079379.D  
 Acq On : 30 Sep 2023 12:10  
 Operator : JC\MD  
 Sample : VN0930WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Oct 02 01:51:49 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091123W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 12 05:05:24 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 30737    | 21.028  | ug/l # | 83       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 62169    | 20.296  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 95275    | 20.142  | ug/l # | 89       |
| 44) Trichloroethene           | 9.353  | 130  | 38055    | 17.362  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 46053    | 20.856  | ug/l   | 98       |
| 46) Dibromomethane            | 9.712  | 93   | 30105    | 20.083  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.894  | 83   | 61817    | 20.134  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.688  | 41   | 40442    | 19.087  | ug/l # | 82       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 14724    | 337.865 | ug/l # | 81       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 294902   | 107.398 | ug/l   | 88       |
| 52) Toluene                   | 10.635 | 92   | 101456   | 18.555  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 59045    | 18.238  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 66891    | 19.318  | ug/l # | 89       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 41689    | 19.430  | ug/l   | 94       |
| 56) Ethyl methacrylate        | 10.882 | 69   | 56481    | 18.648  | ug/l # | 78       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 73297    | 19.762  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 121094   | 101.782 | ug/l   | 90       |
| 59) 2-Hexanone                | 11.200 | 43   | 204907   | 103.030 | ug/l   | 86       |
| 60) Dibromochloromethane      | 11.365 | 129  | 43908    | 19.229  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.477 | 107  | 40275    | 18.810  | ug/l   | 97       |
| 64) Tetrachloroethene         | 11.106 | 164  | 32123    | 17.269  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.894 | 112  | 103566   | 17.921  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 41086    | 18.959  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.971 | 91   | 181422   | 18.353  | ug/l   | 97       |
| 68) m/p-Xylenes               | 12.076 | 106  | 132082   | 35.848  | ug/l   | 90       |
| 69) o-Xylene                  | 12.406 | 106  | 64577    | 18.275  | ug/l   | 93       |
| 70) Styrene                   | 12.418 | 104  | 105769   | 18.611  | ug/l   | 98       |
| 71) Bromoform                 | 12.582 | 173  | 28062    | 17.541  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.700 | 105  | 166208   | 17.629  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.500 | 43   | 66854    | 18.690  | ug/l # | 88       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 64201    | 18.286  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 13.000 | 75   | 72801    | 26.067  | ug/l   | 67       |
| 77) Bromobenzene              | 12.982 | 156  | 39173    | 16.409  | ug/l   | 93       |
| 78) n-propylbenzene           | 13.041 | 91   | 193977   | 18.315  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 120887   | 17.451  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 139582   | 17.767  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 16902    | 16.638  | ug/l # | 76       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 112808   | 17.331  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 119062   | 18.320  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.488 | 105  | 136645   | 18.264  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.618 | 105  | 159096   | 17.782  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 123897   | 17.333  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.741 | 146  | 65734    | 16.787  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.818 | 146  | 64301    | 16.251  | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.059 | 91   | 92850    | 16.518  | ug/l   | 97       |
| 90) Hexachloroethane          | 14.341 | 117  | 27301    | 18.808  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 14.112 | 146  | 67167    | 17.376  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 9323     | 17.468  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.400 | 180  | 17791    | 12.808  | ug/l   | 95       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 15591    | 14.268  | ug/l   | 96       |
| 95) Naphthalene               | 15.647 | 128  | 45330    | 10.987  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 20948    | 12.784  | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN093023\  
Data File : VN079379.D  
Acq On : 30 Sep 2023 12:10  
Operator : JC\MD  
Sample : VN0930WBS01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 5 Sample Multiplier: 1

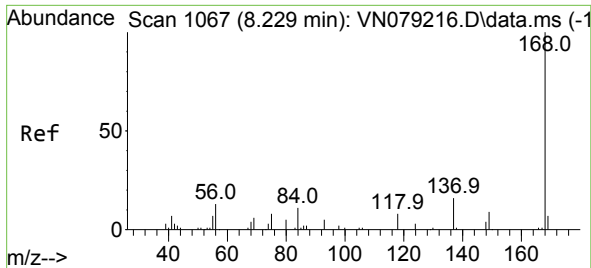
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Oct 02 01:51:49 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091123W.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 12 05:05:24 2023  
Response via : Initial Calibration

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

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

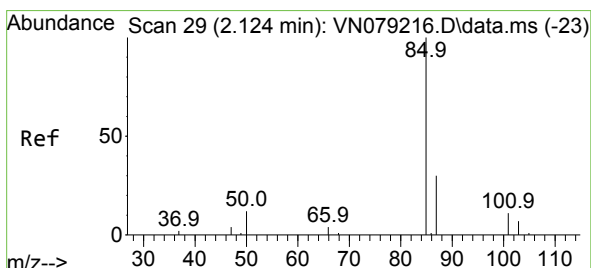
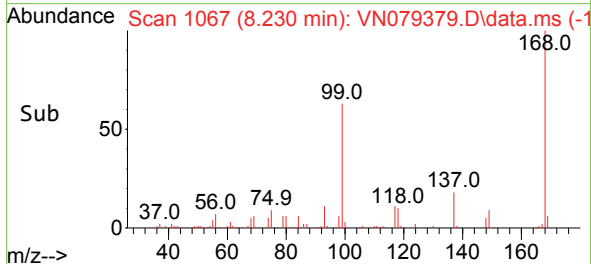
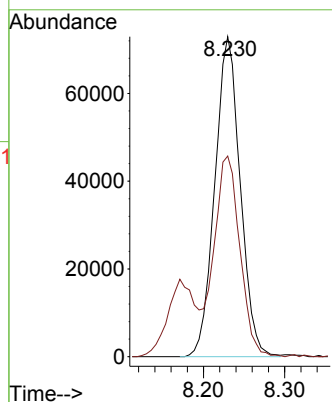
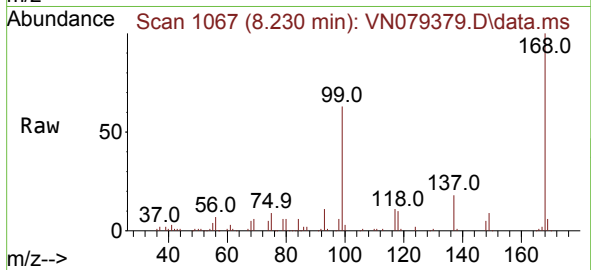




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. -0.000 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

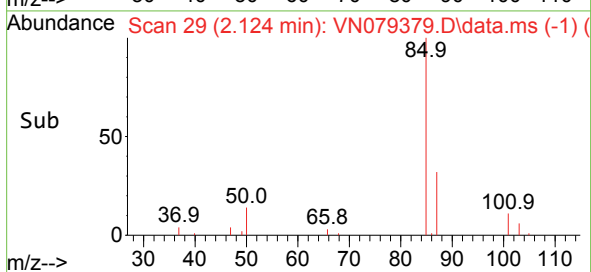
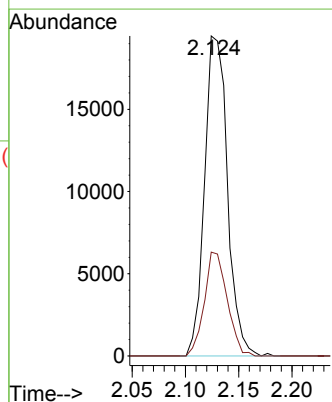
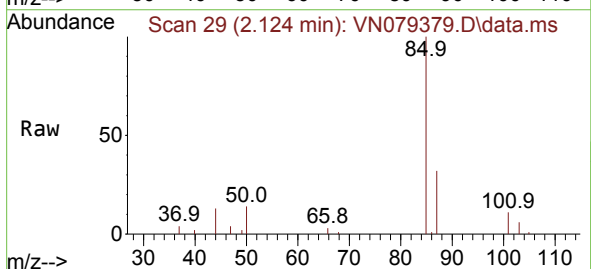
Instrument :  
MSVOA\_N  
ClientSampleId :

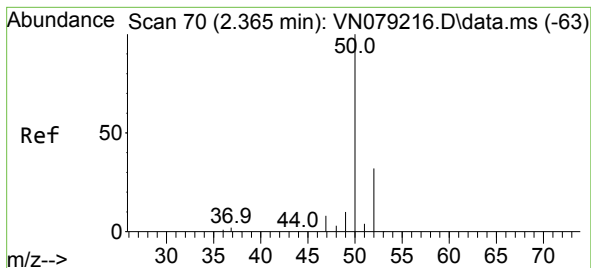
Tgt Ion:168 Resp: 158475  
Ion Ratio Lower Upper  
168 100  
99 62.4 53.0 79.6



#2  
Dichlorodifluoromethane  
Concen: 18.572 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.012 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

Tgt Ion: 85 Resp: 29121  
Ion Ratio Lower Upper  
85 100  
87 32.4 15.8 47.4





#3

Chloromethane

Concen: 19.105 ug/l

RT: 2.365 min Scan# 70

Delta R.T. -0.006 min

Lab File: VN079379.D

Acq: 30 Sep 2023 12:10

Instrument :

MSVOA\_N

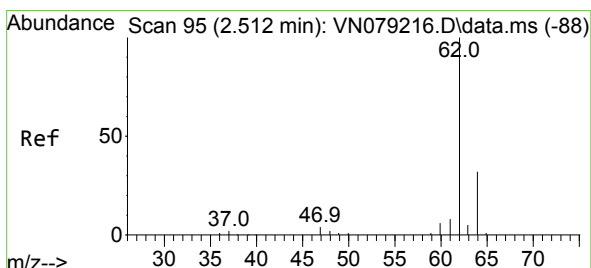
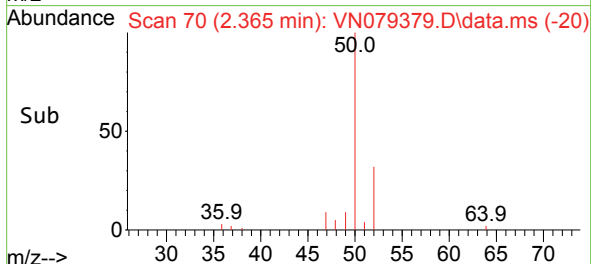
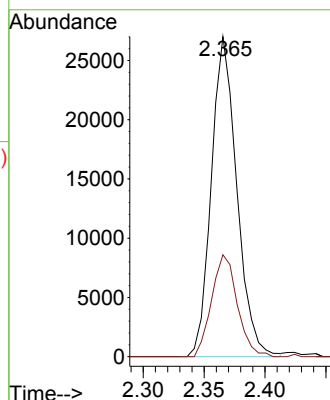
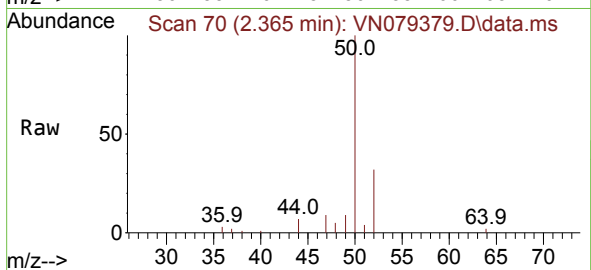
ClientSampleId :

Tgt Ion: 50 Resp: 39325

Ion Ratio Lower Upper

50 100

52 31.8 26.5 39.7



#4

Vinyl Chloride

Concen: 19.573 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN079379.D

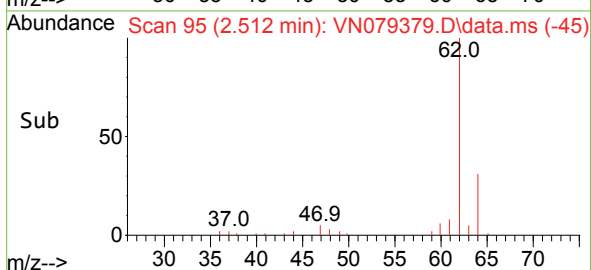
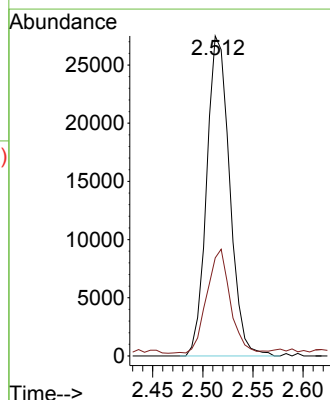
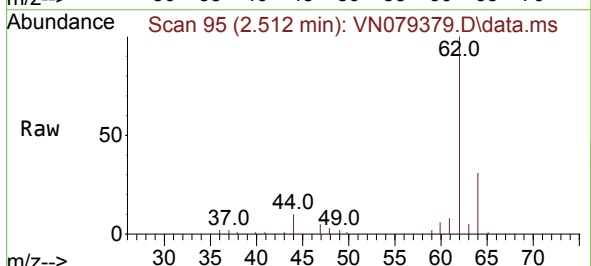
Acq: 30 Sep 2023 12:10

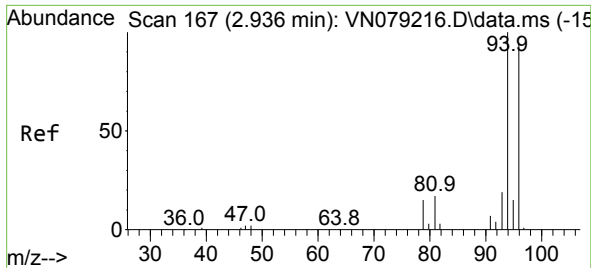
Tgt Ion: 62 Resp: 43900

Ion Ratio Lower Upper

62 100

64 29.5 26.2 39.2





#5

Bromomethane

Concen: 20.633 ug/l

RT: 2.954 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN079379.D

Acq: 30 Sep 2023 12:10

Instrument :

MSVOA\_N

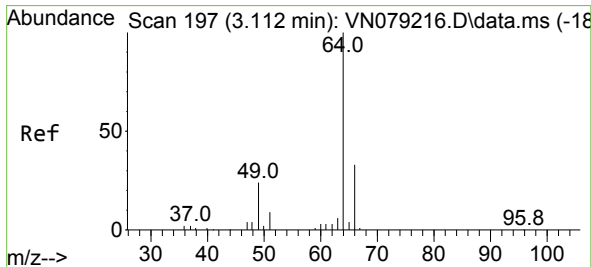
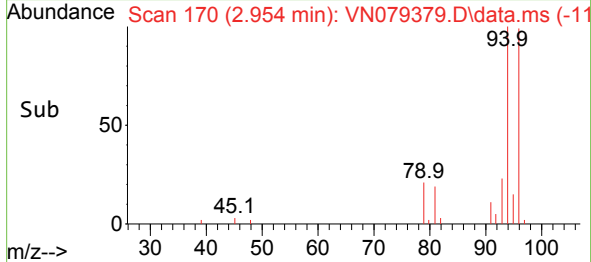
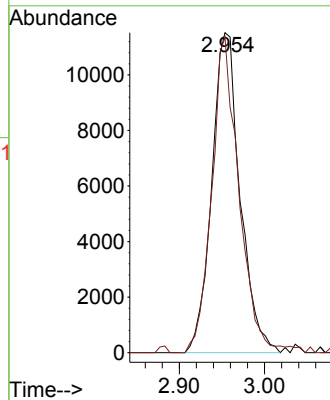
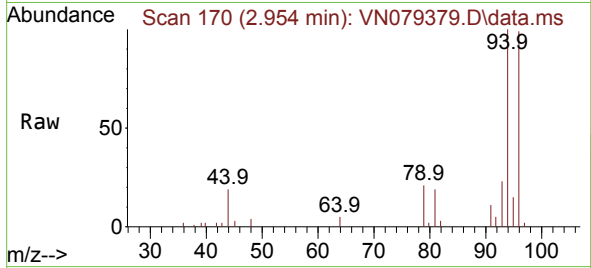
ClientSampleId :

Tgt Ion: 94 Resp: 26600

Ion Ratio Lower Upper

94 100

96 98.6 73.1 109.7



#6

Chloroethane

Concen: 21.864 ug/l

RT: 3.118 min Scan# 198

Delta R.T. 0.000 min

Lab File: VN079379.D

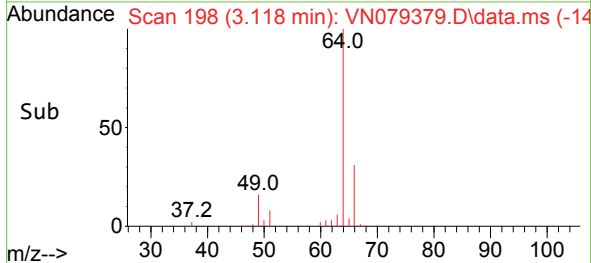
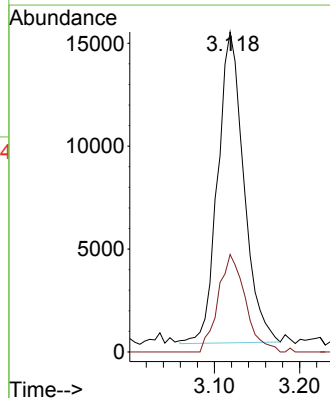
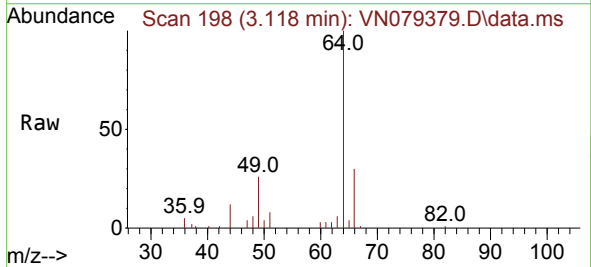
Acq: 30 Sep 2023 12:10

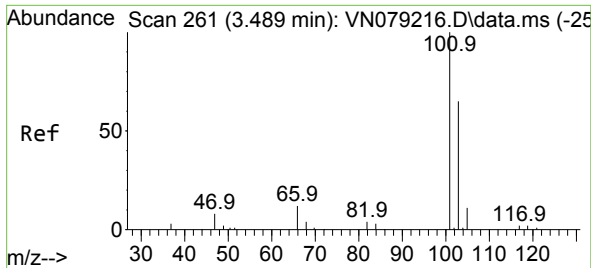
Tgt Ion: 64 Resp: 32152

Ion Ratio Lower Upper

64 100

66 31.5 25.4 38.2

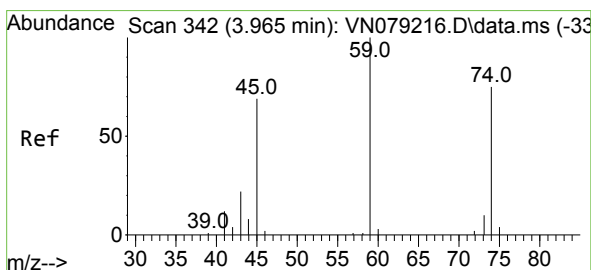
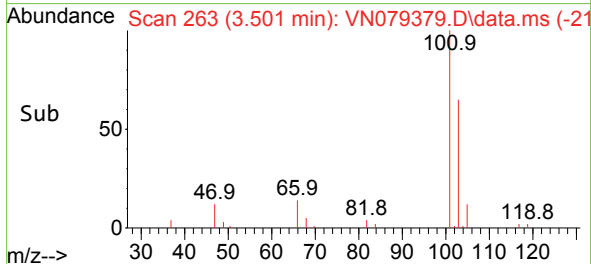
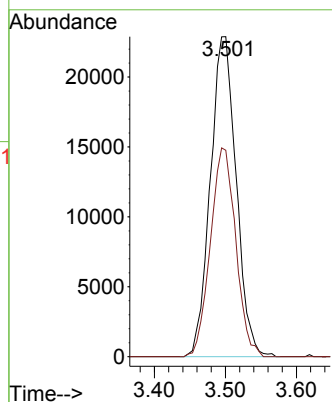
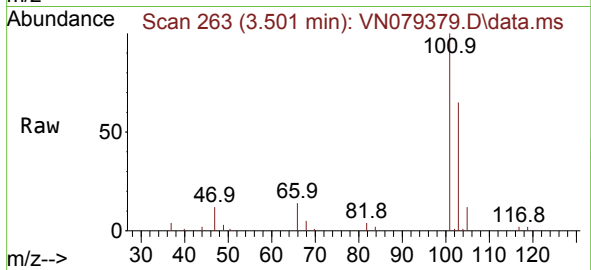




#7  
Trichlorofluoromethane  
Concen: 17.599 ug/l  
RT: 3.501 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

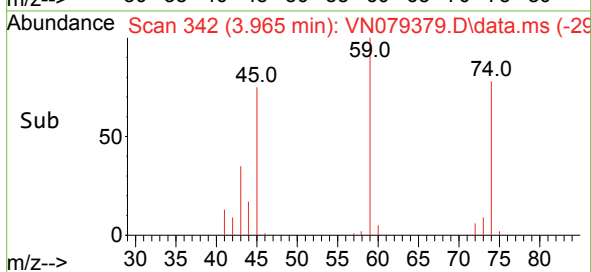
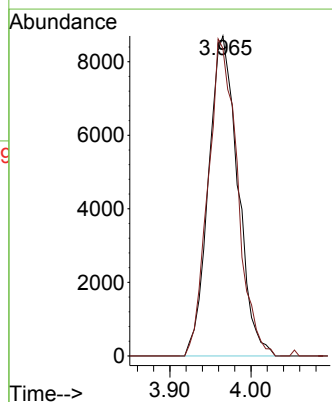
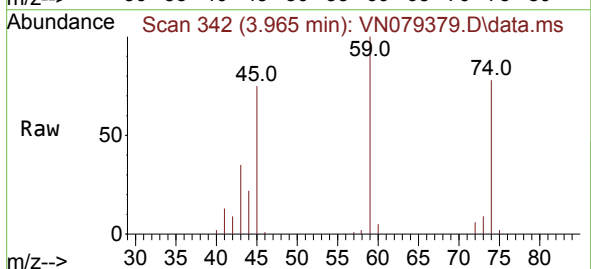
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:101 Resp: 57801  
Ion Ratio Lower Upper  
101 100  
103 64.5 50.7 76.1

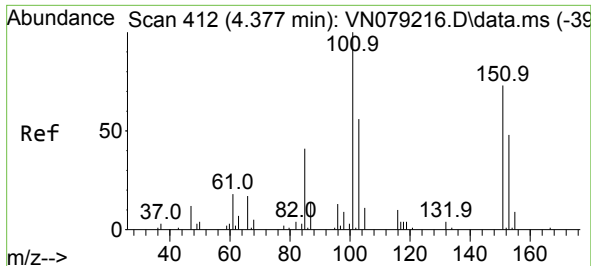


#8  
Diethyl Ether  
Concen: 19.134 ug/l  
RT: 3.965 min Scan# 342  
Delta R.T. -0.006 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

Tgt Ion: 74 Resp: 21812  
Ion Ratio Lower Upper  
74 100  
45 98.8 34.4 103.3



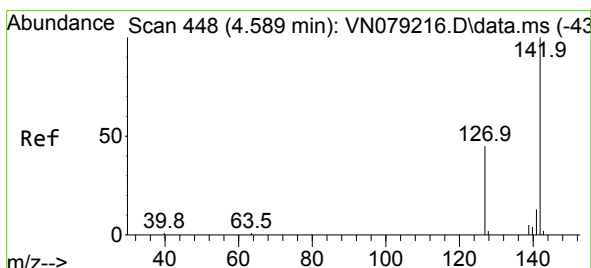
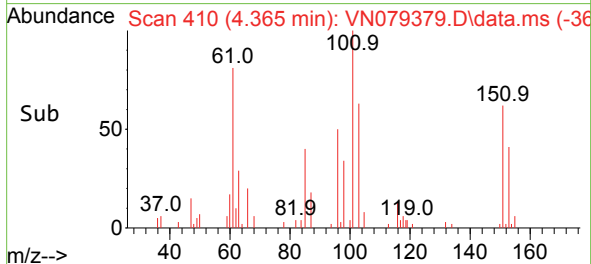
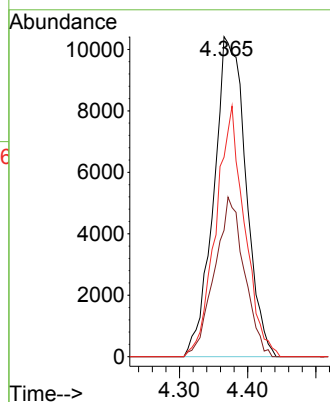
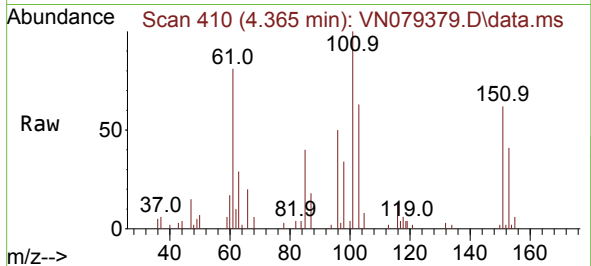




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.526 ug/l  
RT: 4.365 min Scan# 412  
Delta R.T. -0.012 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

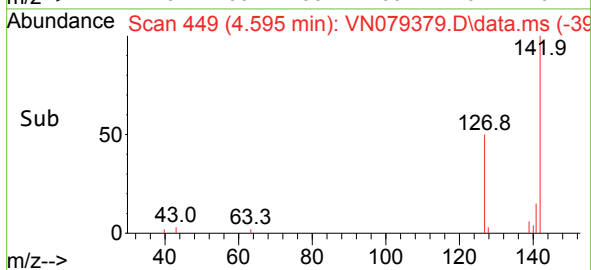
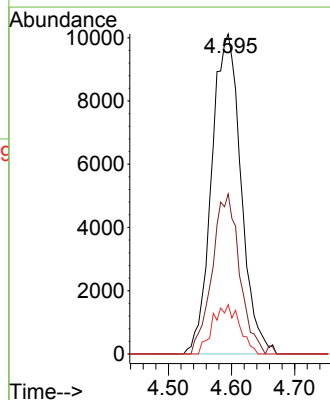
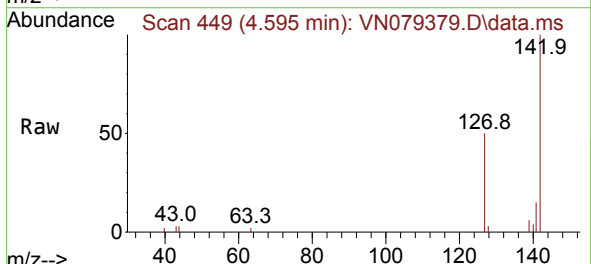
Instrument :  
MSVOA\_N  
ClientSampleId :

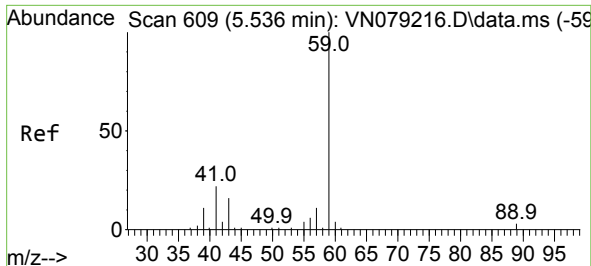
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:101 | Resp: | 34104       |
| Ion         | Ratio | Lower Upper |
| 101         | 100   |             |
| 85          | 46.3  | 36.6 55.0   |
| 151         | 70.5  | 57.6 86.4   |



#10  
Methyl Iodide  
Concen: 22.864 ug/l  
RT: 4.595 min Scan# 449  
Delta R.T. -0.005 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:142 | Resp: | 32667       |
| Ion         | Ratio | Lower Upper |
| 142         | 100   |             |
| 127         | 50.0  | 37.6 56.4   |
| 141         | 15.4  | 11.4 17.0   |

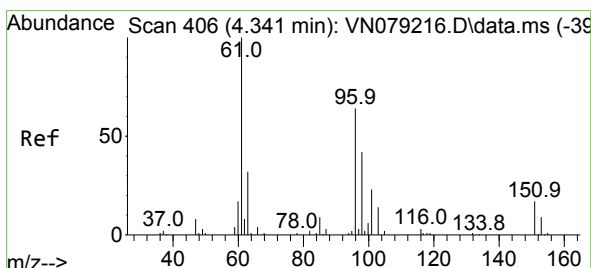
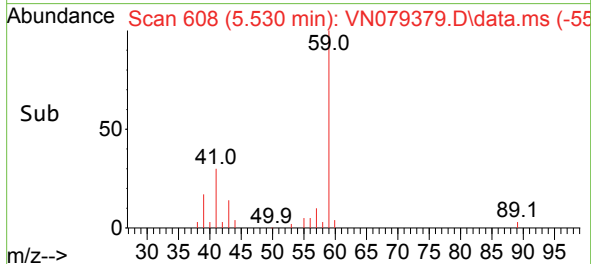
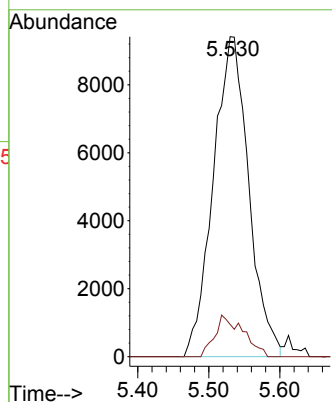
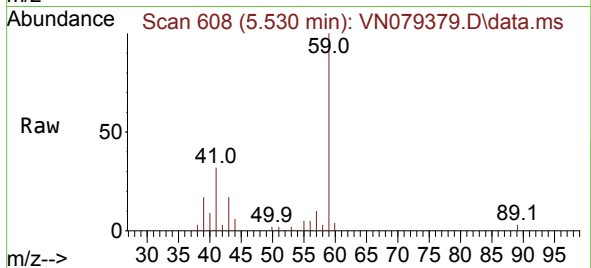




#11  
Tert butyl alcohol  
Concen: 82.678 ug/l  
RT: 5.530 min Scan# 609  
Delta R.T. -0.012 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

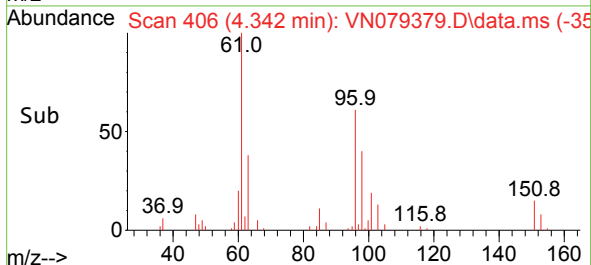
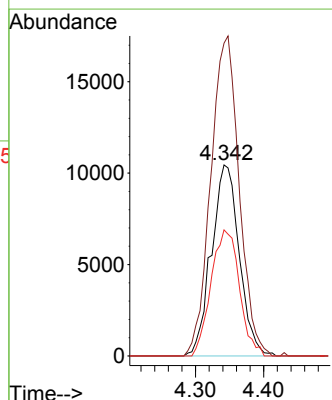
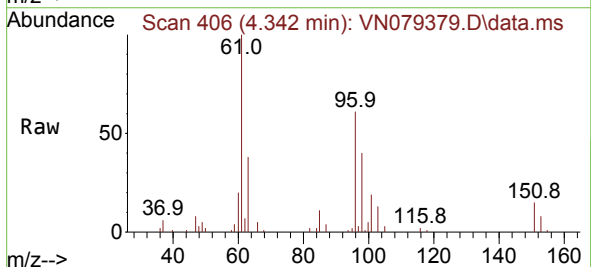
Instrument :  
MSVOA\_N  
ClientSampleId :

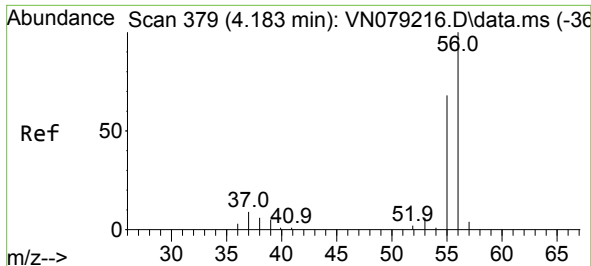
Tgt Ion: 59 Resp: 32654  
Ion Ratio Lower Upper  
59 100  
57 10.4 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 17.545 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. -0.006 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

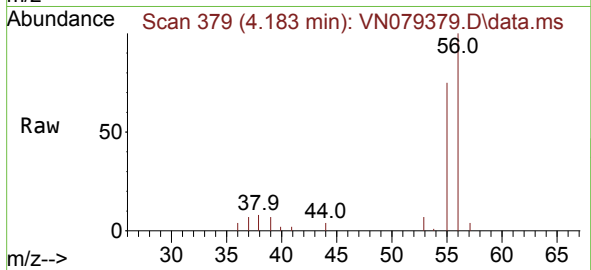
Tgt Ion: 96 Resp: 29654  
Ion Ratio Lower Upper  
96 100  
61 163.7 112.7 169.1  
98 66.0 51.2 76.8



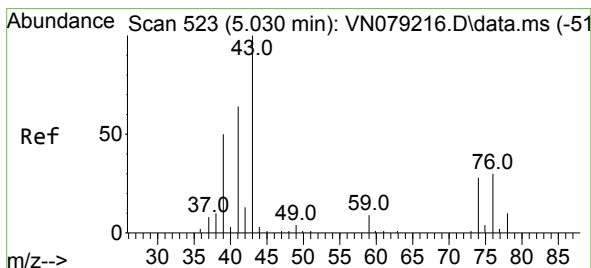
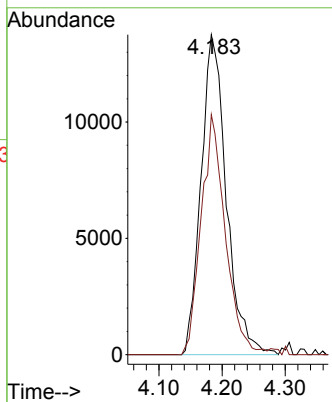
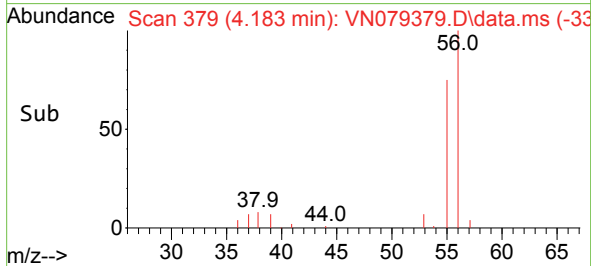


#13  
Acrolein  
Concen: 101.568 ug/l  
RT: 4.183 min Scan# 379  
Delta R.T. -0.012 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

Instrument :  
MSVOA\_N  
ClientSampleId :

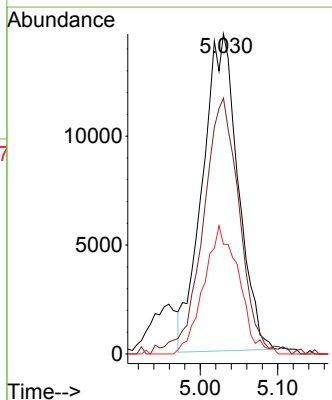
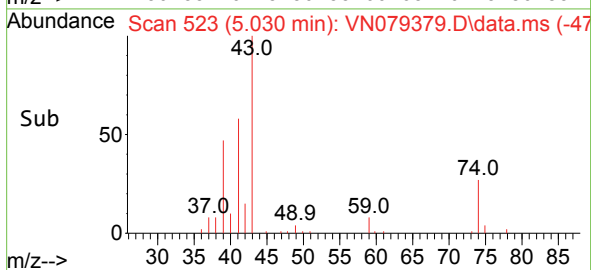
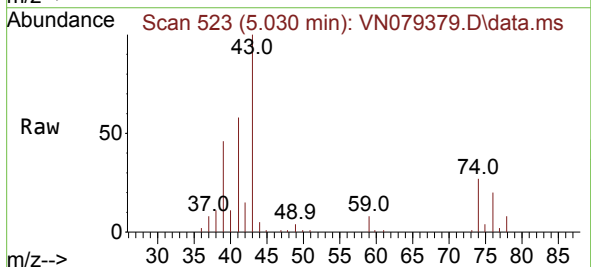


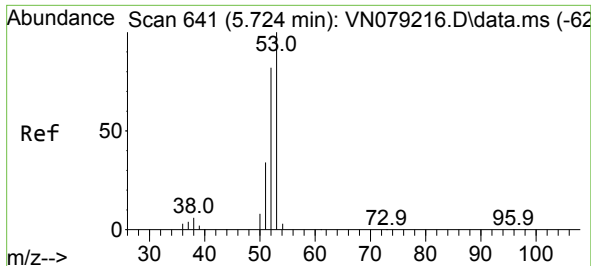
Tgt Ion: 56 Resp: 38265  
Ion Ratio Lower Upper  
56 100  
55 71.7 54.5 81.7



#14  
Allyl chloride  
Concen: 17.244 ug/l  
RT: 5.030 min Scan# 523  
Delta R.T. -0.000 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

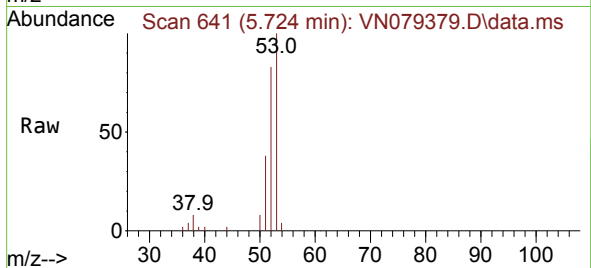
Tgt Ion: 41 Resp: 46493  
Ion Ratio Lower Upper  
41 100  
39 82.6 58.8 88.2  
76 39.8 39.1 58.7



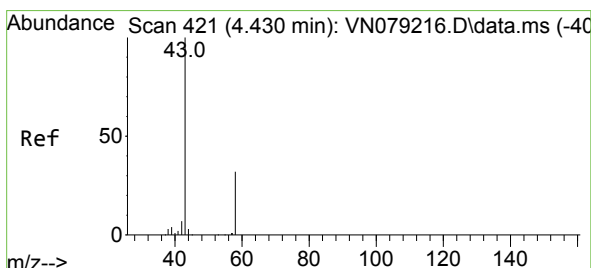
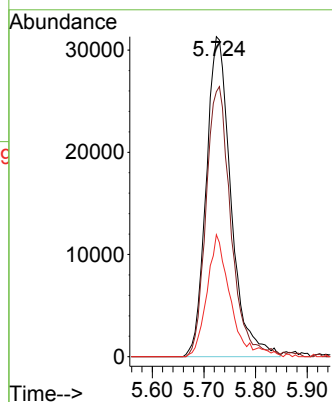
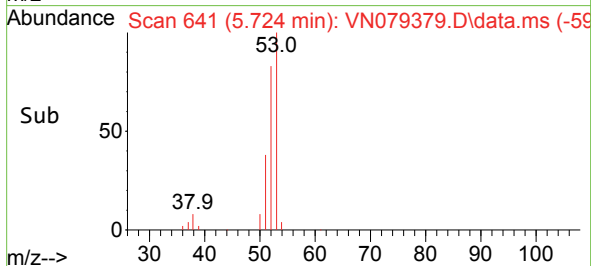


#15  
Acrylonitrile  
Concen: 101.726 ug/l  
RT: 5.724 min Scan# 641  
Delta R.T. -0.006 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

Instrument :  
MSVOA\_N  
ClientSampleId :

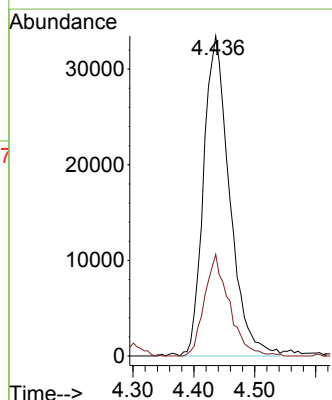
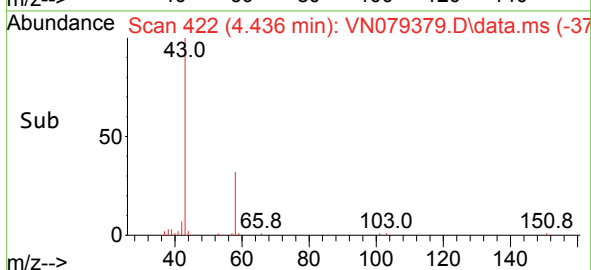
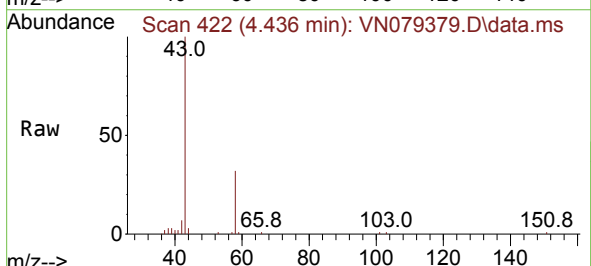


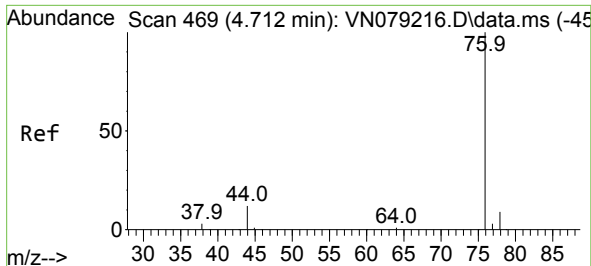
Tgt Ion: 53 Resp: 104178  
Ion Ratio Lower Upper  
53 100  
52 84.4 65.3 97.9  
51 34.6 28.9 43.3



#16  
Acetone  
Concen: 109.561 ug/l  
RT: 4.436 min Scan# 422  
Delta R.T. -0.006 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

Tgt Ion: 43 Resp: 99542  
Ion Ratio Lower Upper  
43 100  
58 31.7 28.0 42.0





#17

Carbon Disulfide

Concen: 13.367 ug/l

RT: 4.718 min Scan# 4

Delta R.T. -0.006 min

Lab File: VN079379.D

Acq: 30 Sep 2023 12:10

Instrument :

MSVOA\_N

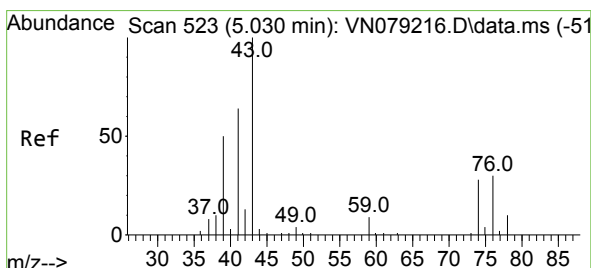
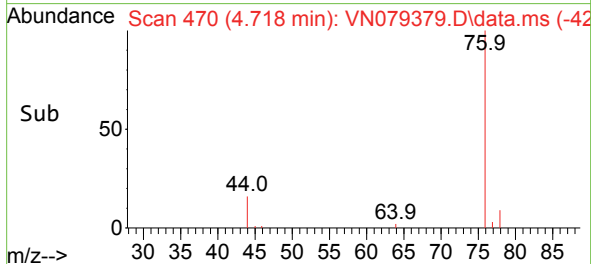
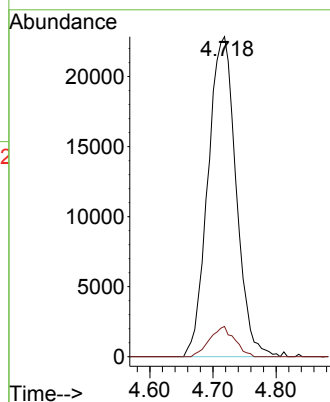
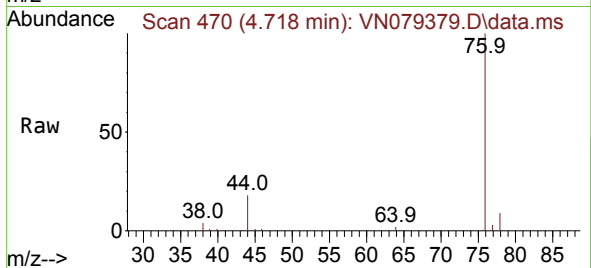
ClientSampleId :

Tgt Ion: 76 Resp: 70615

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0



#18

Methyl Acetate

Concen: 22.759 ug/l

RT: 5.030 min Scan# 523

Delta R.T. -0.012 min

Lab File: VN079379.D

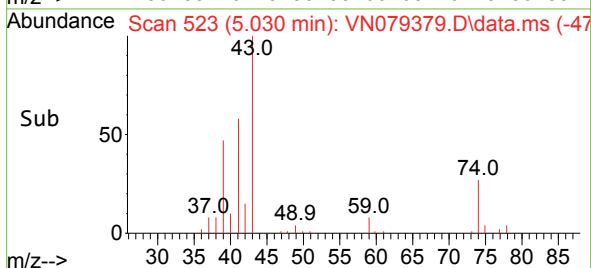
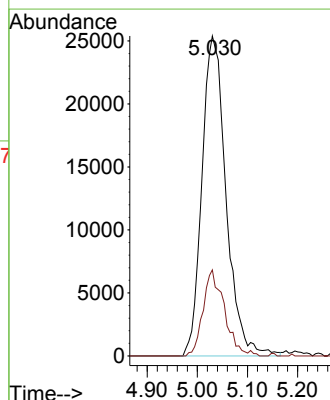
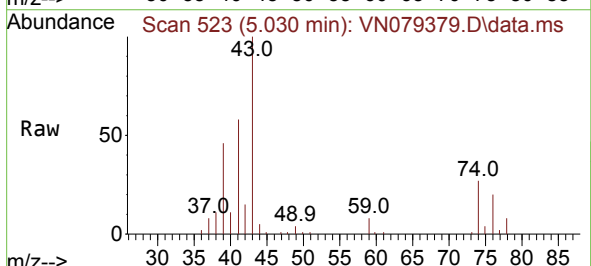
Acq: 30 Sep 2023 12:10

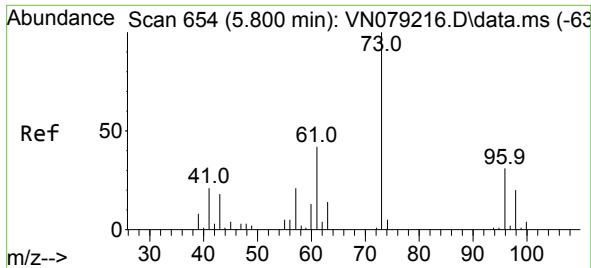
Tgt Ion: 43 Resp: 84985

Ion Ratio Lower Upper

43 100

74 23.5 26.2 39.4#

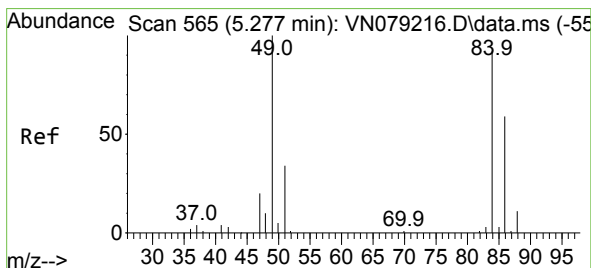
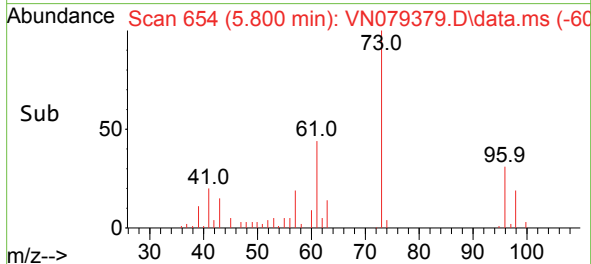
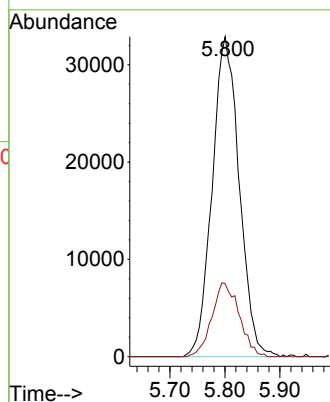
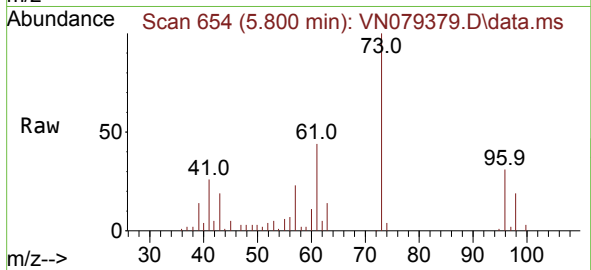




#19  
Methyl tert-butyl Ether  
Concen: 19.381 ug/l  
RT: 5.800 min Scan# 61  
Delta R.T. -0.018 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

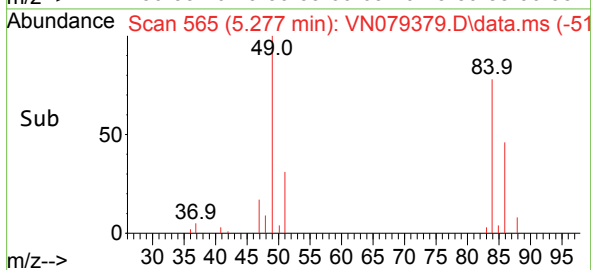
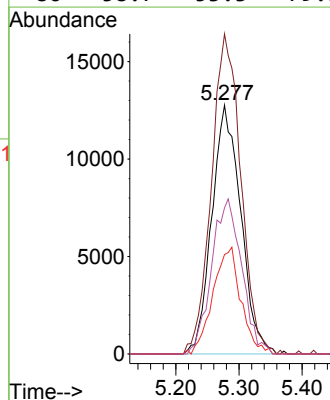
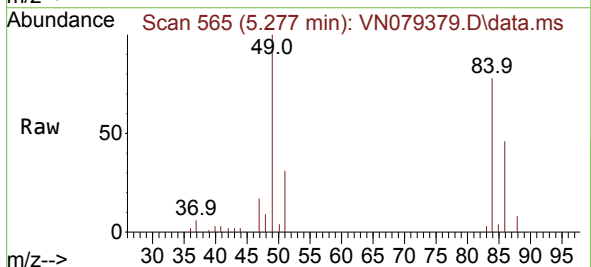
Instrument :  
MSVOA\_N  
ClientSampleId :

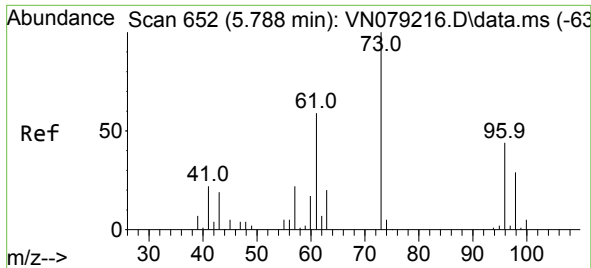
Tgt Ion: 73 Resp: 112345  
Ion Ratio Lower Upper  
73 100  
57 22.8 15.6 23.4



#20  
Methylene Chloride  
Concen: 18.386 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. -0.006 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

Tgt Ion: 84 Resp: 40652  
Ion Ratio Lower Upper  
84 100  
49 128.6 79.7 119.5#  
51 40.0 25.2 37.8#  
86 58.7 53.3 79.9

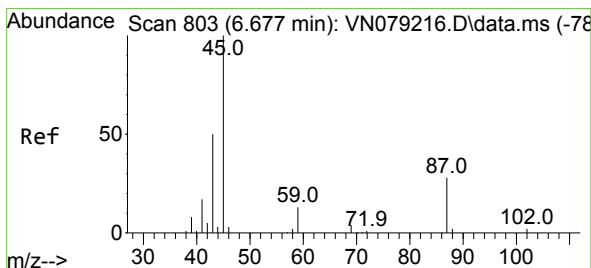
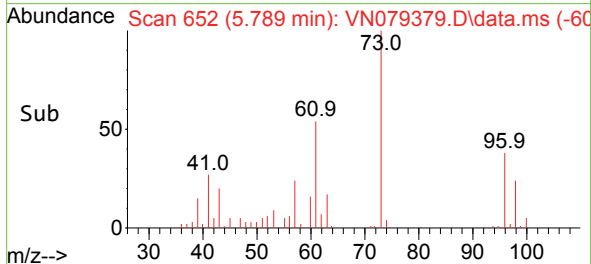
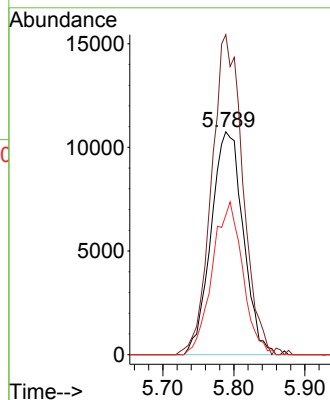
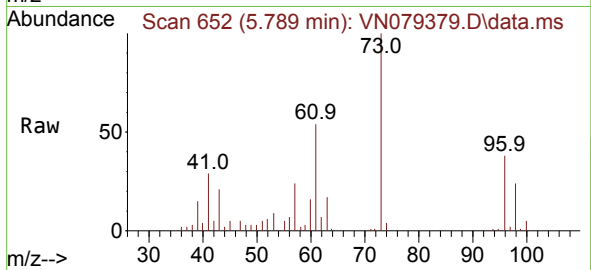




#21  
trans-1,2-Dichloroethene  
Concen: 17.246 ug/l  
RT: 5.789 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

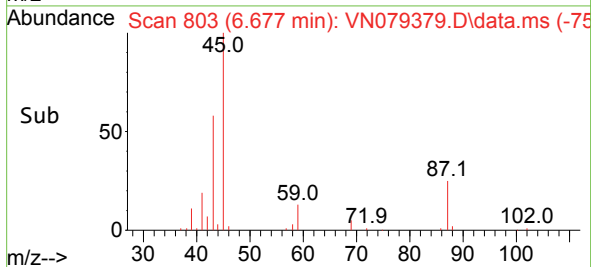
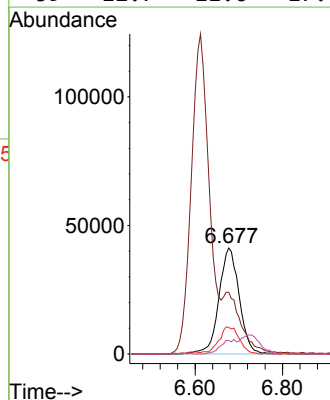
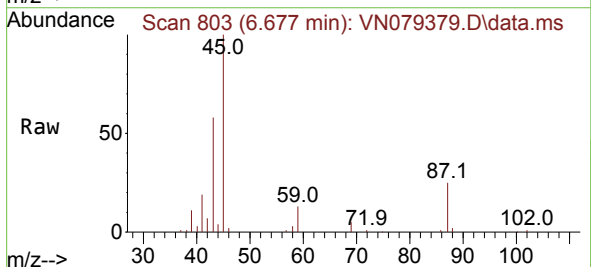
Instrument :  
MSVOA\_N  
ClientSampleId :

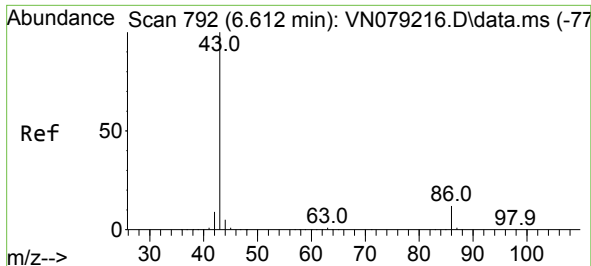
Tgt Ion: 96 Resp: 33815  
Ion Ratio Lower Upper  
96 100  
61 142.1 90.1 135.1#  
98 62.6 46.4 69.6



#22  
Diisopropyl ether  
Concen: 22.392 ug/l  
RT: 6.677 min Scan# 803  
Delta R.T. -0.012 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

Tgt Ion: 45 Resp: 132467  
Ion Ratio Lower Upper  
45 100  
43 56.4 45.5 68.3  
87 24.9 31.8 47.8#  
59 12.7 11.6 17.4

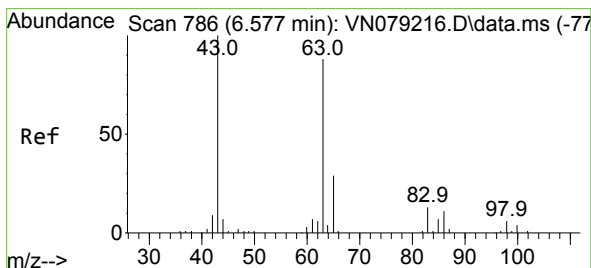
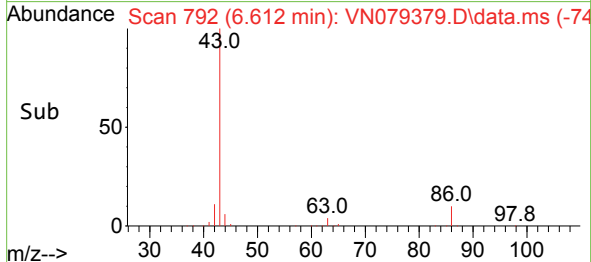
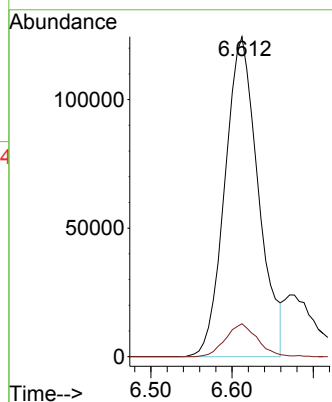
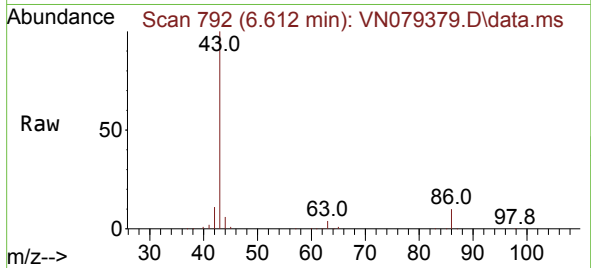




#23  
 Vinyl Acetate  
 Concen: 97.730 ug/l  
 RT: 6.612 min Scan# 792  
 Delta R.T. 0.000 min  
 Lab File: VN079379.D  
 Acq: 30 Sep 2023 12:10

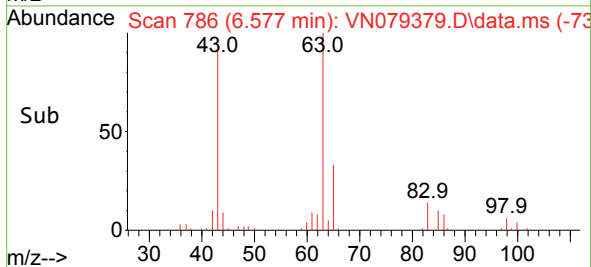
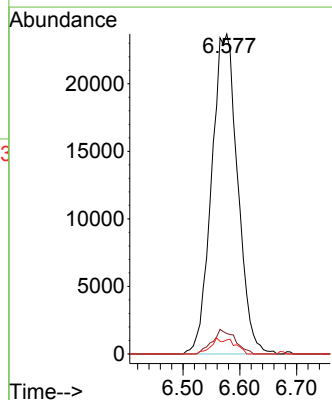
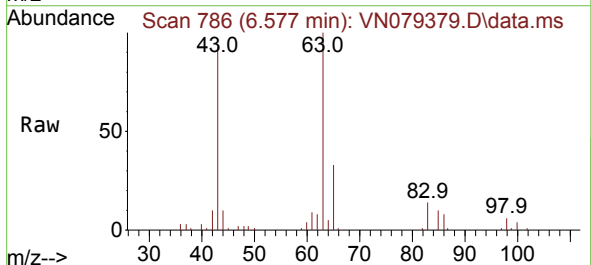
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion: 43 Resp: 355618  
 Ion Ratio Lower Upper  
 43 100  
 86 10.3 13.0 19.6#

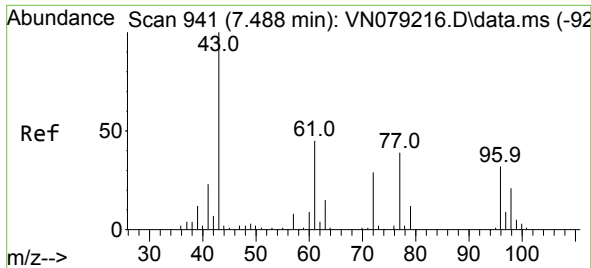


#24  
 1,1-Dichloroethane  
 Concen: 20.712 ug/l  
 RT: 6.577 min Scan# 786  
 Delta R.T. -0.000 min  
 Lab File: VN079379.D  
 Acq: 30 Sep 2023 12:10

Tgt Ion: 63 Resp: 75536  
 Ion Ratio Lower Upper  
 63 100  
 98 6.4 3.9 11.7  
 100 4.4 2.5 7.4



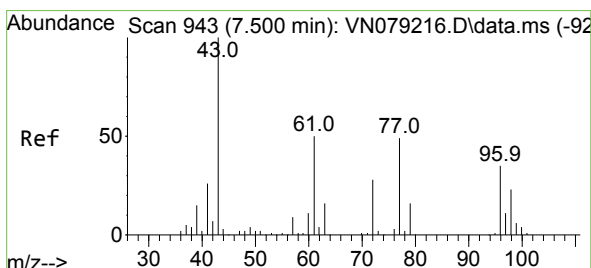
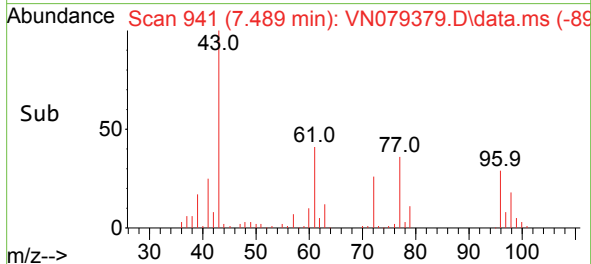
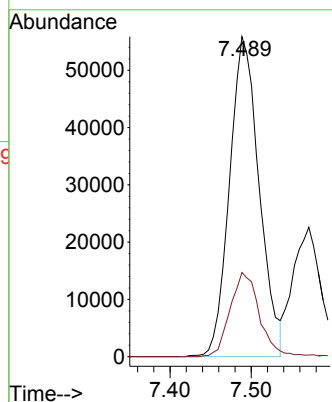
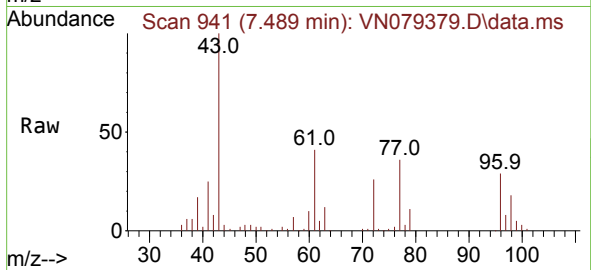




#25  
2-Butanone  
Concen: 107.500 ug/l  
RT: 7.489 min Scan# 941  
Delta R.T. -0.005 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

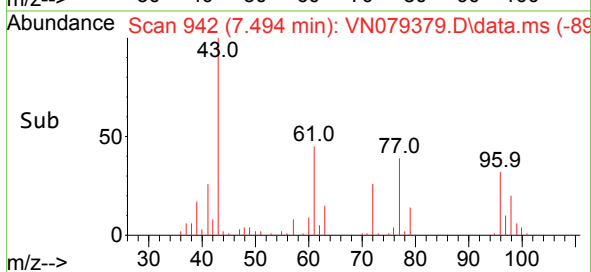
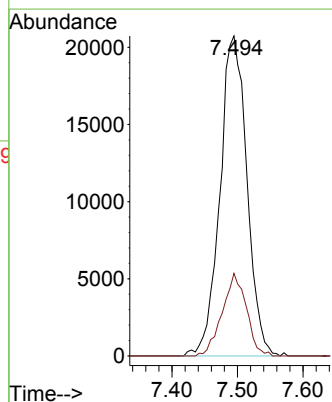
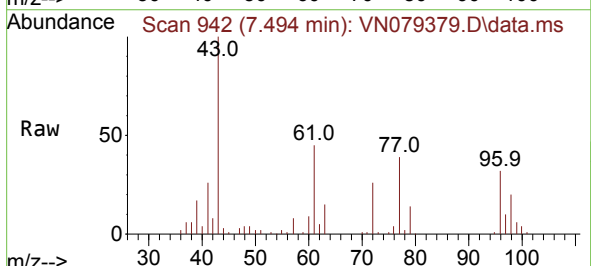
Instrument :  
MSVOA\_N  
ClientSampleId :

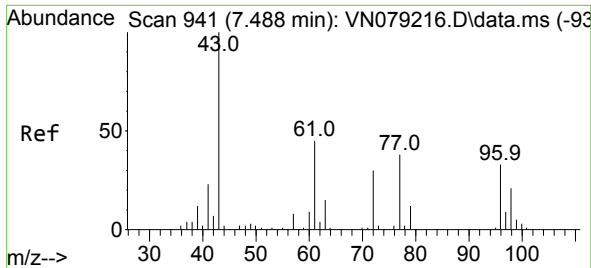
Tgt Ion: 43 Resp: 141711  
Ion Ratio Lower Upper  
43 100  
72 26.3 30.2 45.2#



#26  
2,2-Dichloropropane  
Concen: 19.779 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. -0.006 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

Tgt Ion: 77 Resp: 59193  
Ion Ratio Lower Upper  
77 100  
97 23.1 11.2 33.6

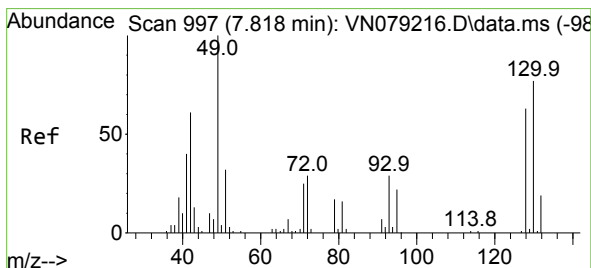
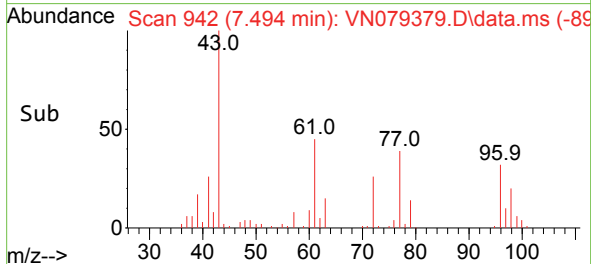
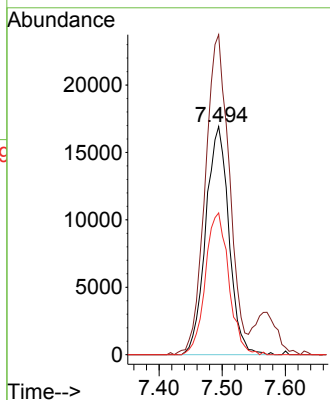
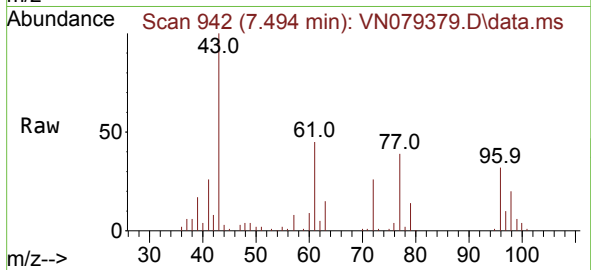




#27  
 cis-1,2-Dichloroethene  
 Concen: 19.256 ug/l  
 RT: 7.494 min Scan# 941  
 Delta R.T. -0.006 min  
 Lab File: VN079379.D  
 Acq: 30 Sep 2023 12:10

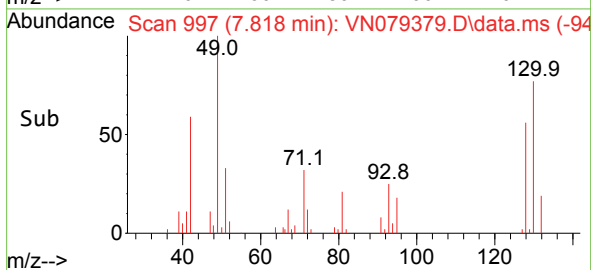
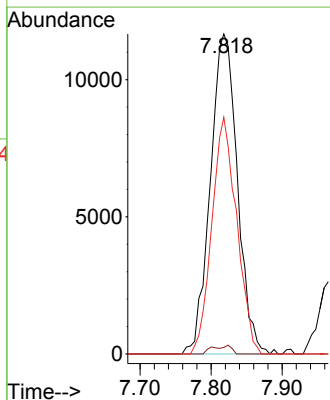
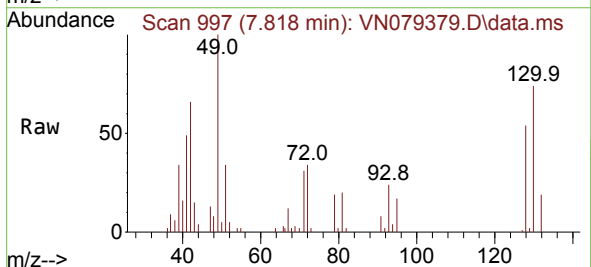
Instrument :  
 MSVOA\_N  
 ClientSampleId :

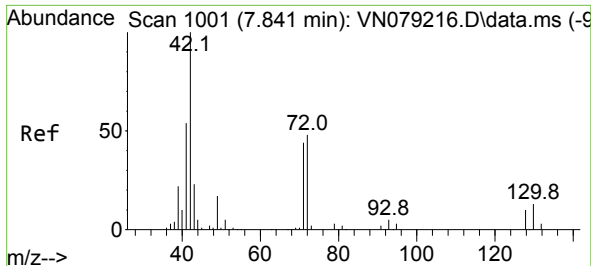
Tgt Ion: 96 Resp: 43171  
 Ion Ratio Lower Upper  
 96 100  
 61 146.2 0.0 255.2  
 98 62.9 0.0 128.8



#28  
 Bromochloromethane  
 Concen: 18.732 ug/l  
 RT: 7.818 min Scan# 997  
 Delta R.T. -0.006 min  
 Lab File: VN079379.D  
 Acq: 30 Sep 2023 12:10

Tgt Ion: 49 Resp: 30887  
 Ion Ratio Lower Upper  
 49 100  
 129 1.8 0.0 4.8  
 130 67.8 75.3 112.9#





#29

Tetrahydrofuran

Concen: 100.746 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.000 min

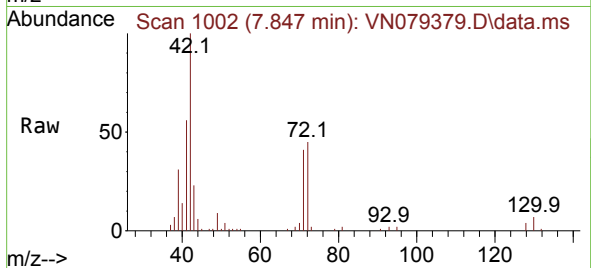
Lab File: VN079379.D

Acq: 30 Sep 2023 12:10

Instrument :

MSVOA\_N

ClientSampleId :



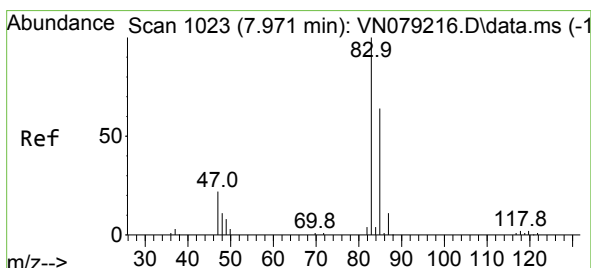
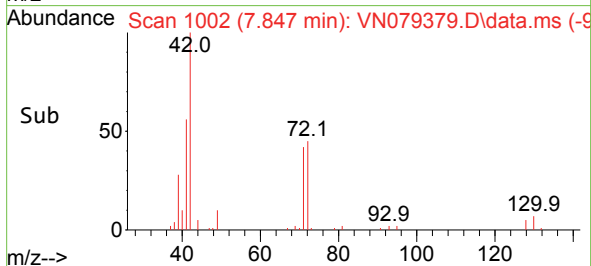
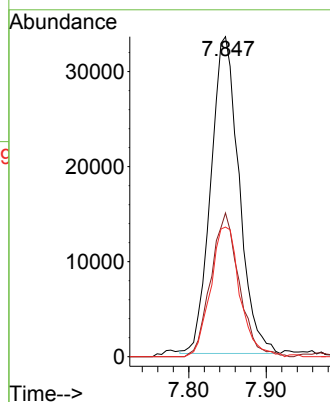
Tgt Ion: 42 Resp: 84516

Ion Ratio Lower Upper

42 100

72 45.4 49.8 74.6#

71 42.5 47.4 71.2#



#30

Chloroform

Concen: 21.276 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN079379.D

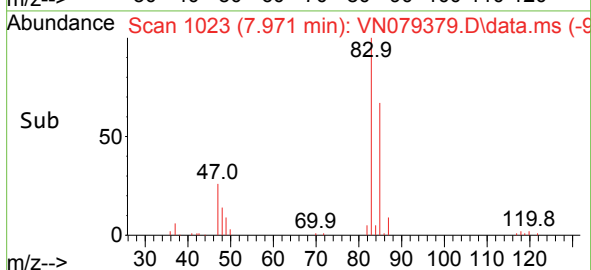
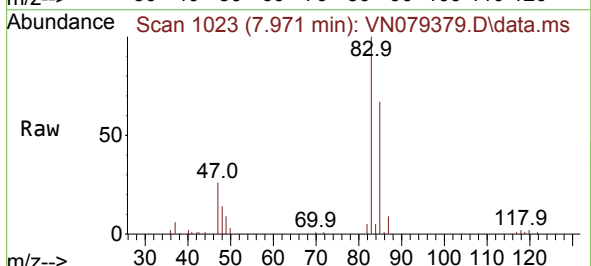
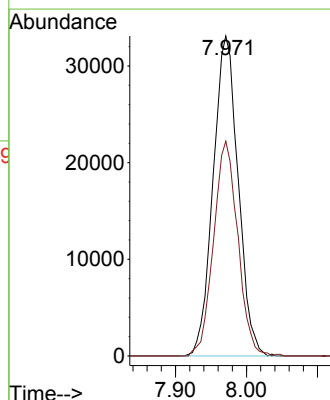
Acq: 30 Sep 2023 12:10

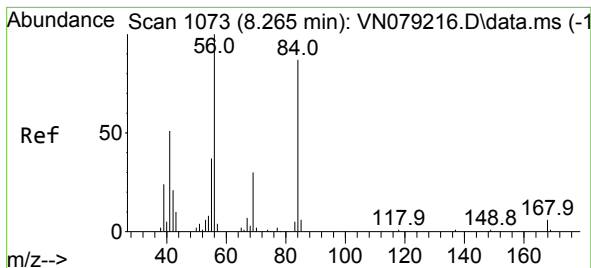
Tgt Ion: 83 Resp: 80784

Ion Ratio Lower Upper

83 100

85 67.1 55.4 83.0





#31

Cyclohexane

Concen: 18.205 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

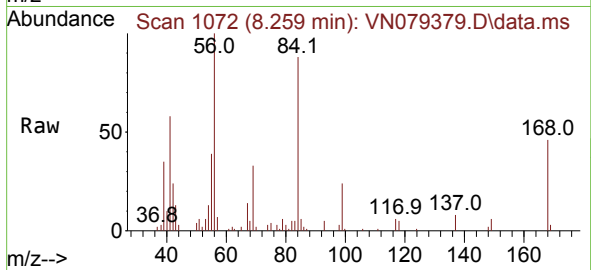
Lab File: VN079379.D

Acq: 30 Sep 2023 12:10

Instrument :

MSVOA\_N

ClientSampleId :



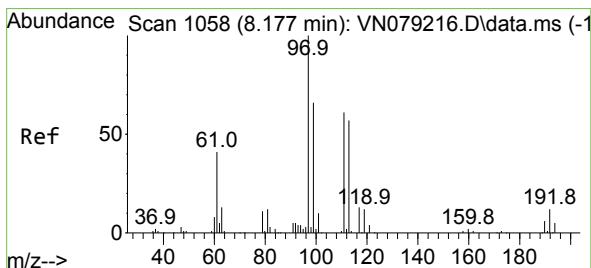
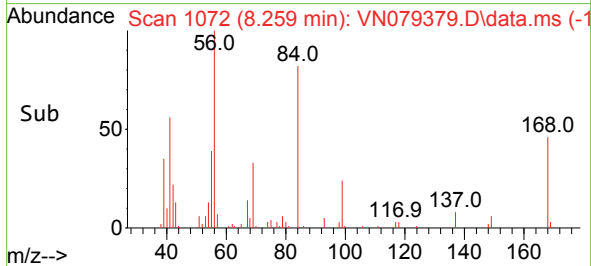
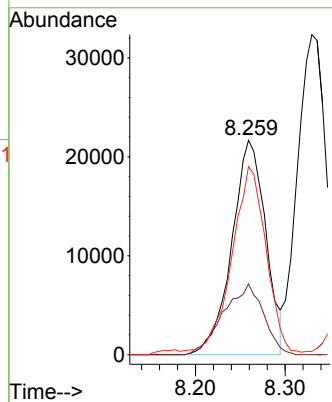
Tgt Ion: 56 Resp: 56864

Ion Ratio Lower Upper

56 100

69 32.2 26.8 40.2

84 86.2 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 20.326 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN079379.D

Acq: 30 Sep 2023 12:10

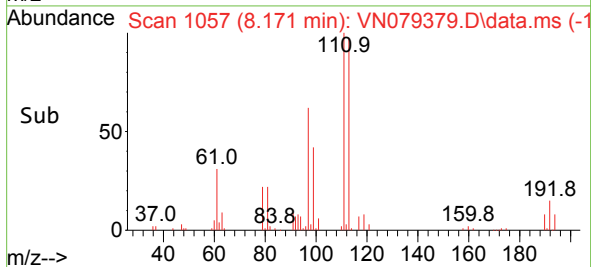
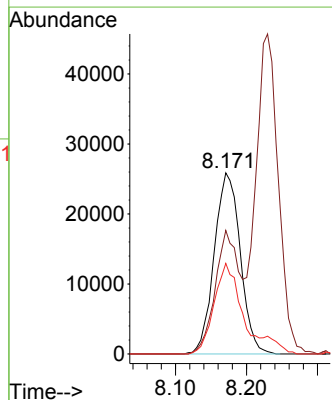
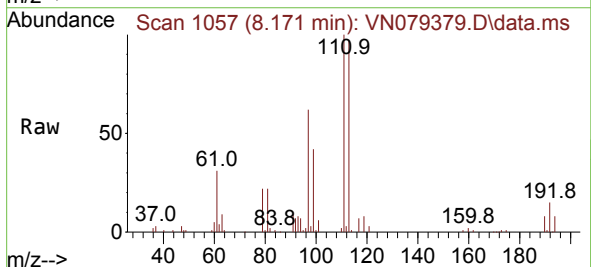
Tgt Ion: 97 Resp: 65788

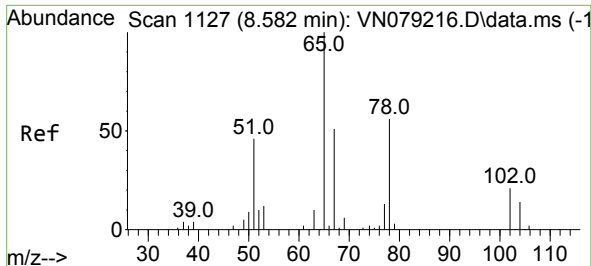
Ion Ratio Lower Upper

97 100

99 61.9 50.3 75.5

61 57.2 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 54.800 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079379.D

Acq: 30 Sep 2023 12:10

Instrument :

MSVOA\_N

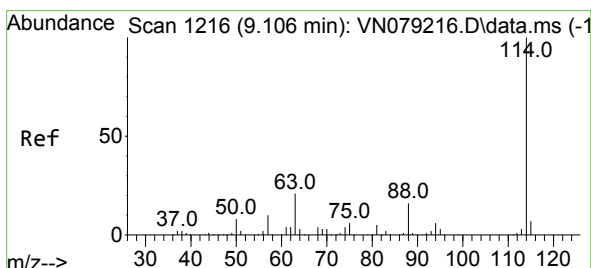
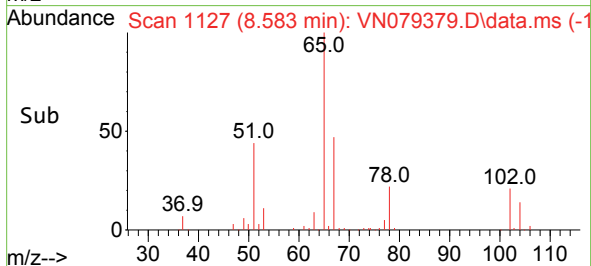
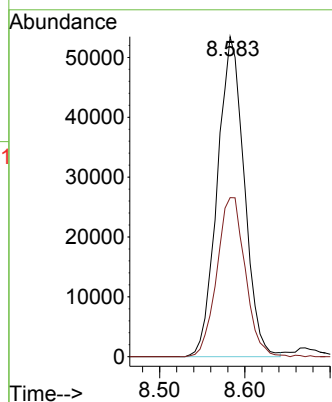
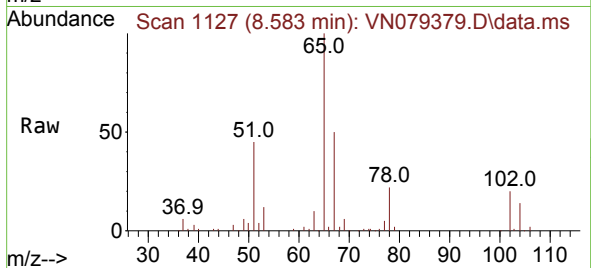
ClientSampleId :

Tgt Ion: 65 Resp: 117231

Ion Ratio Lower Upper

65 100

67 52.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079379.D

Acq: 30 Sep 2023 12:10

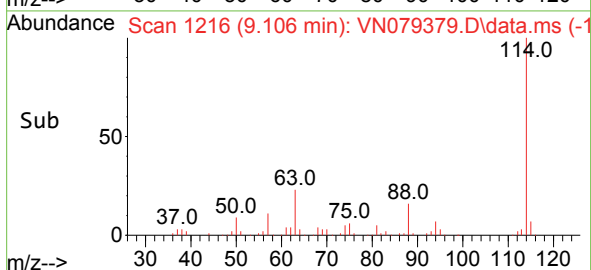
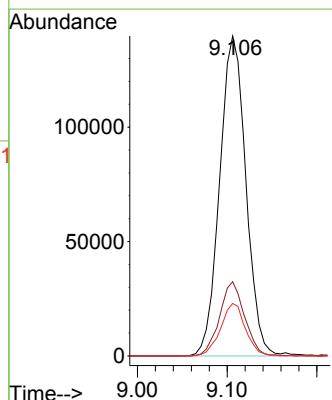
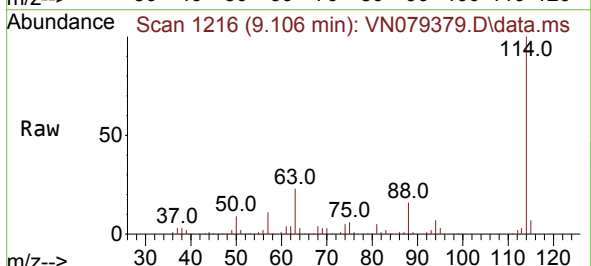
Tgt Ion: 114 Resp: 283479

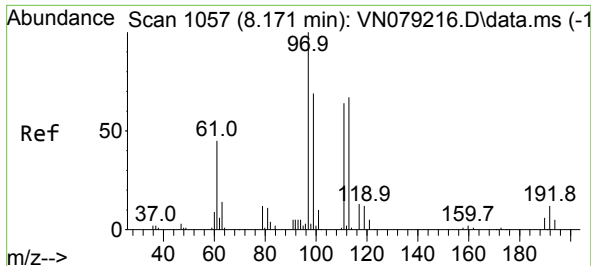
Ion Ratio Lower Upper

114 100

63 23.2 0.0 36.4

88 16.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.534 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

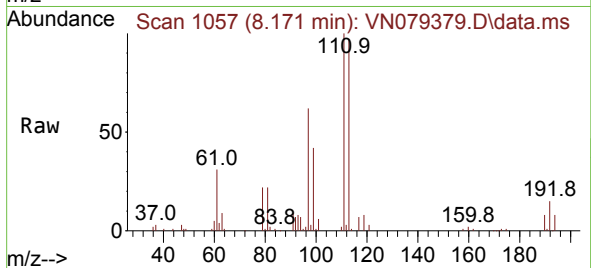
Lab File: VN079379.D

Acq: 30 Sep 2023 12:10

Instrument :

MSVOA\_N

ClientSampleId :



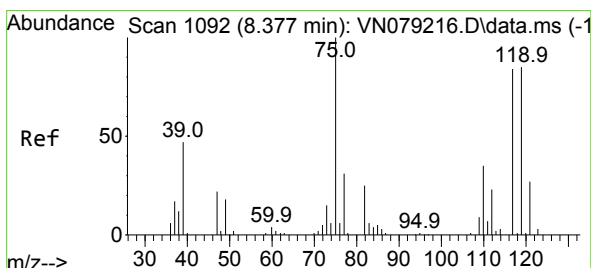
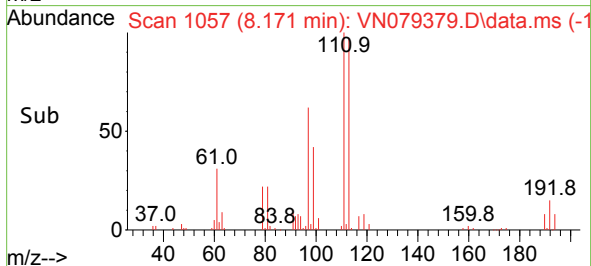
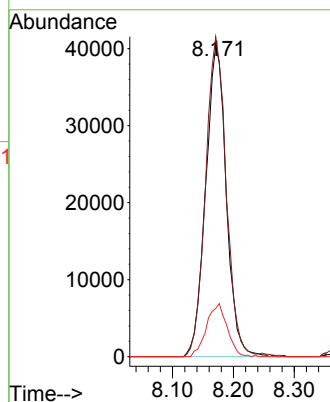
Tgt Ion:113 Resp: 95289

Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

192 17.0 12.7 19.1



#36

1,1-Dichloropropene

Concen: 17.587 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VN079379.D

Acq: 30 Sep 2023 12:10

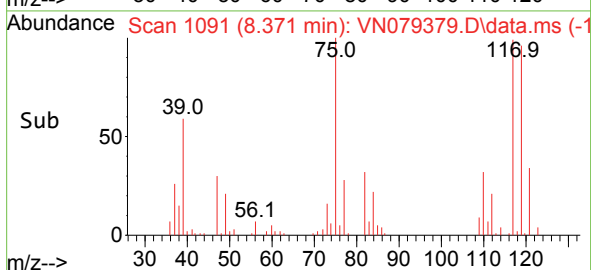
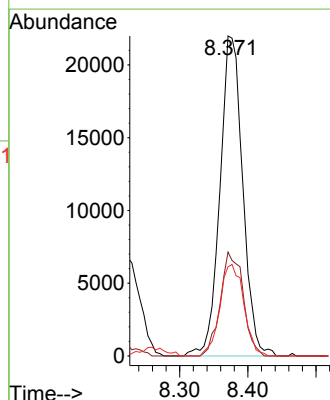
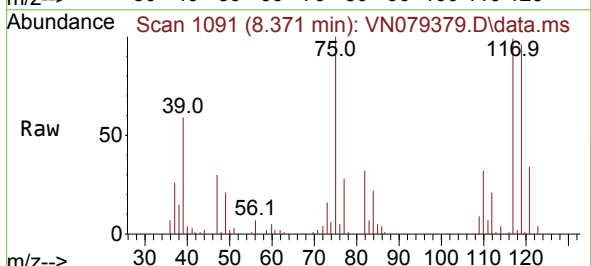
Tgt Ion: 75 Resp: 51117

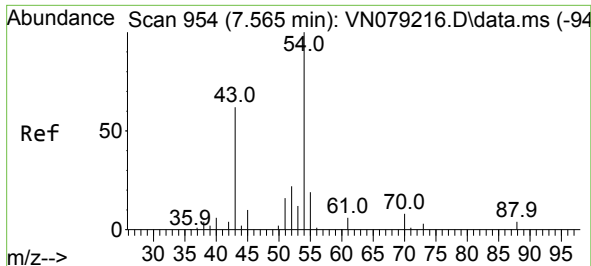
Ion Ratio Lower Upper

75 100

110 32.6 19.1 57.3

77 30.0 25.0 37.4





#37

Ethyl Acetate

Concen: 19.279 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN079379.D

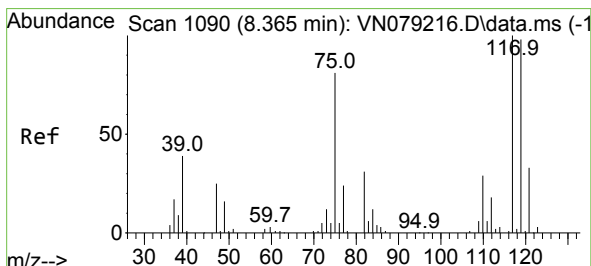
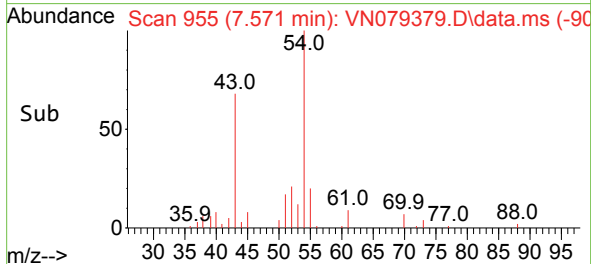
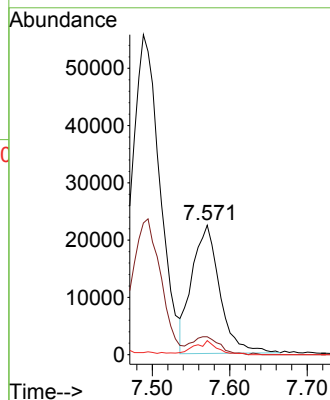
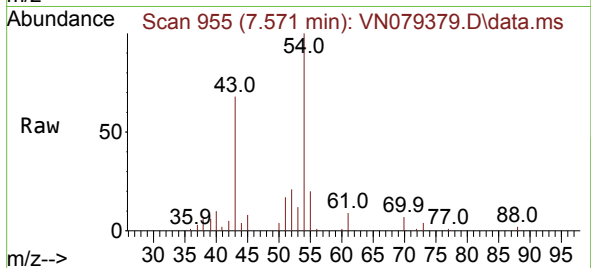
Acq: 30 Sep 2023 12:10

Instrument :

MSVOA\_N

ClientSampleId :

|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 55890    |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 13.9 13.2 19.8 |
| 70          | 9.1 11.3 16.9# |



#38

Carbon Tetrachloride

Concen: 18.089 ug/l

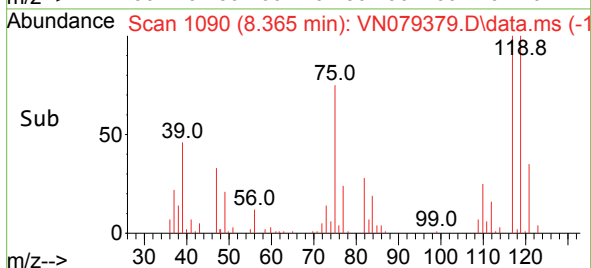
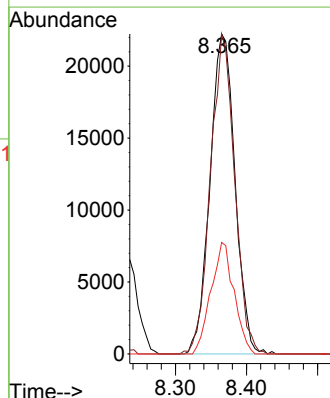
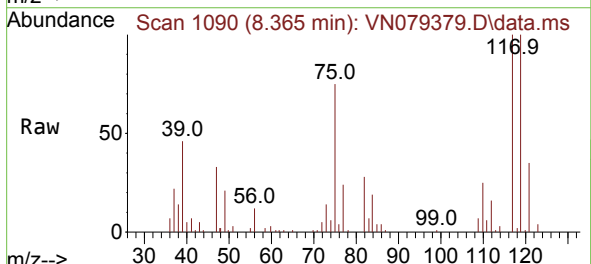
RT: 8.365 min Scan# 1090

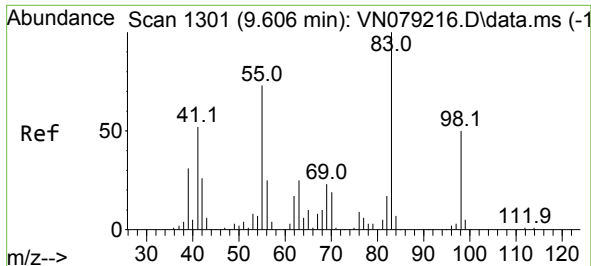
Delta R.T. -0.006 min

Lab File: VN079379.D

Acq: 30 Sep 2023 12:10

|              |                  |
|--------------|------------------|
| Tgt Ion: 117 | Resp: 54406      |
| Ion Ratio    | Lower Upper      |
| 117          | 100              |
| 119          | 100.0 77.3 115.9 |
| 121          | 34.9 23.3 34.9   |





#39

Methylcyclohexane

Concen: 16.108 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.000 min

Lab File: VN079379.D

Acq: 30 Sep 2023 12:10

Instrument :

MSVOA\_N

ClientSampleId :

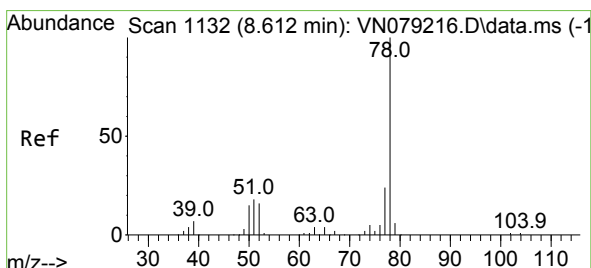
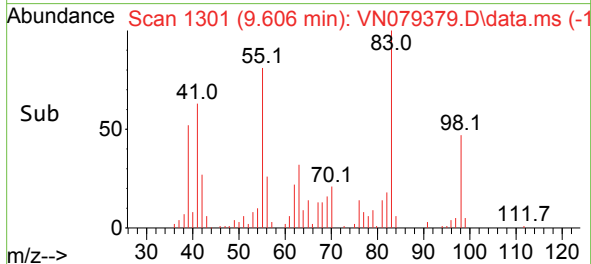
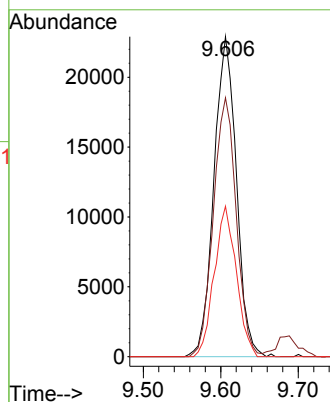
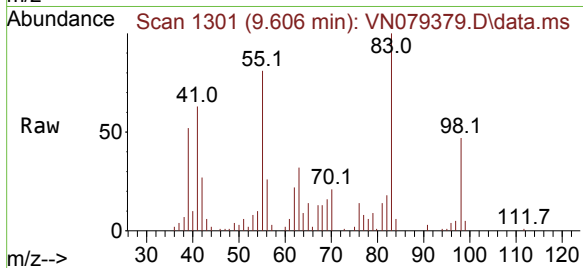
Tgt Ion: 83 Resp: 46181

Ion Ratio Lower Upper

83 100

55 80.9 49.1 73.7#

98 47.0 40.6 61.0



#40

Benzene

Concen: 18.755 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN079379.D

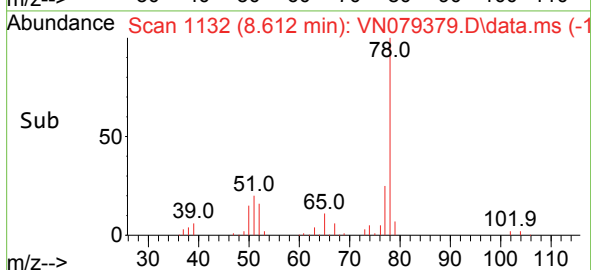
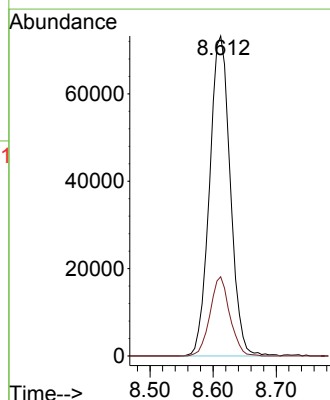
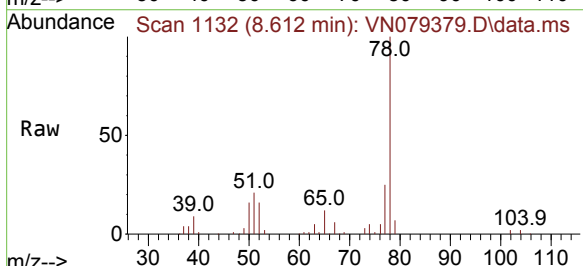
Acq: 30 Sep 2023 12:10

Tgt Ion: 78 Resp: 166870

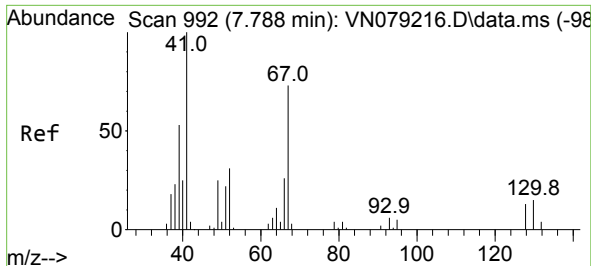
Ion Ratio Lower Upper

78 100

77 24.8 19.0 28.6

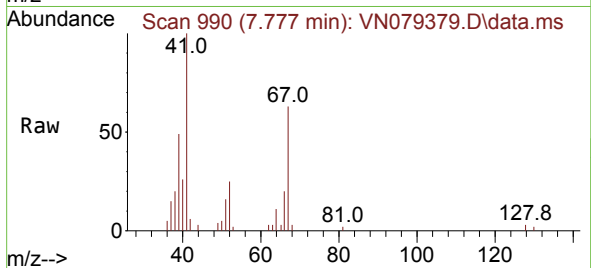




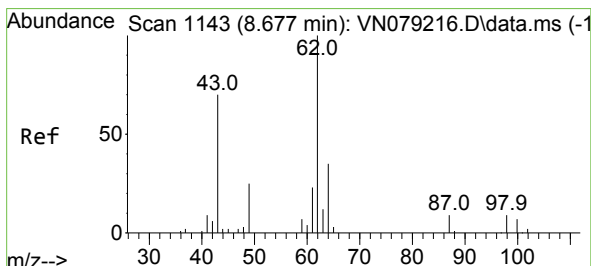
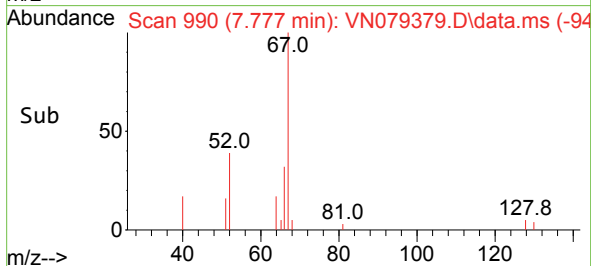
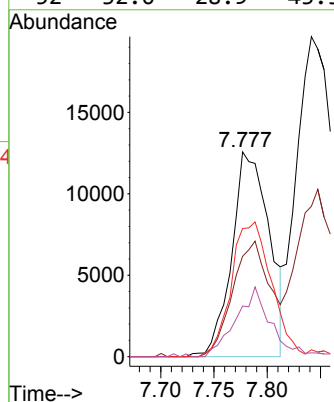


#41  
Methacrylonitrile  
Concen: 21.028 ug/l  
RT: 7.777 min Scan# 992  
Delta R.T. -0.017 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

Instrument :  
MSVOA\_N  
ClientSampleId :

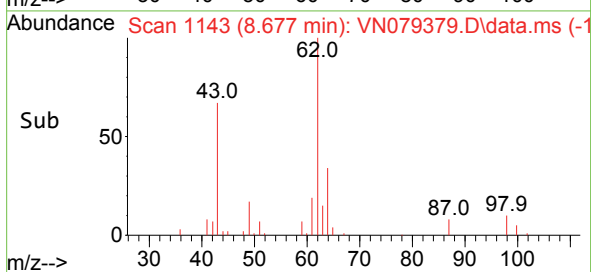
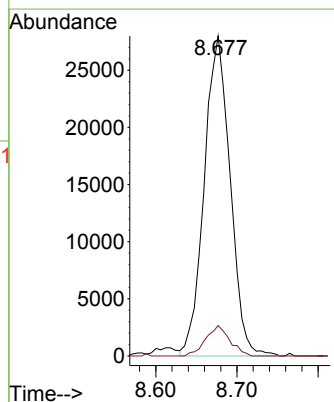
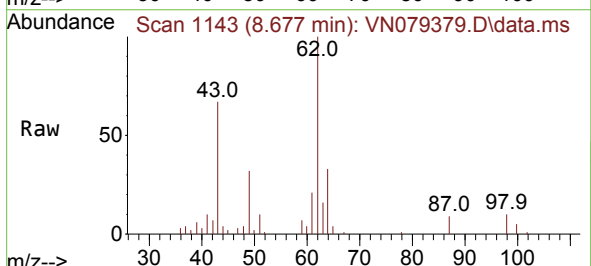


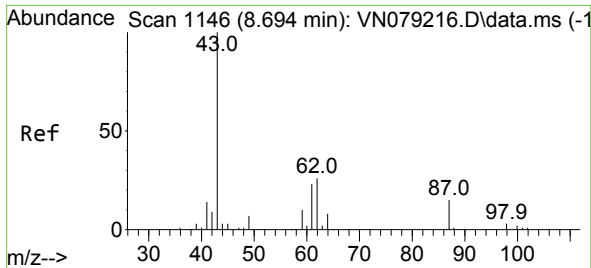
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 30737 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 56.8  | 42.6  | 64.0  |
| 67       | 70.3  | 77.5  | 116.3 |
| 52       | 32.0  | 28.9  | 43.3  |



#42  
1,2-Dichloroethane  
Concen: 20.296 ug/l  
RT: 8.677 min Scan# 1143  
Delta R.T. -0.000 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 62169 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.8   | 0.0   | 19.8  |

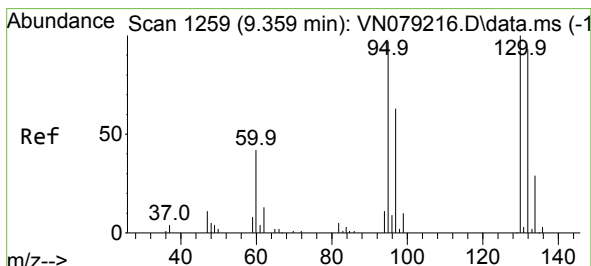
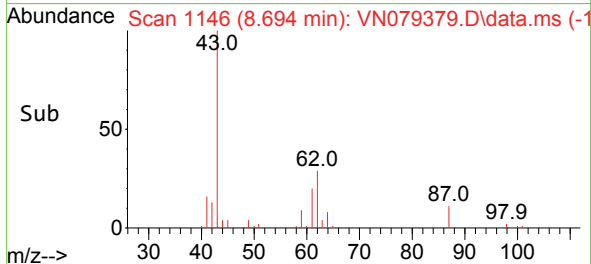
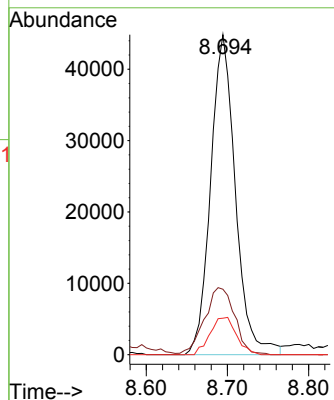
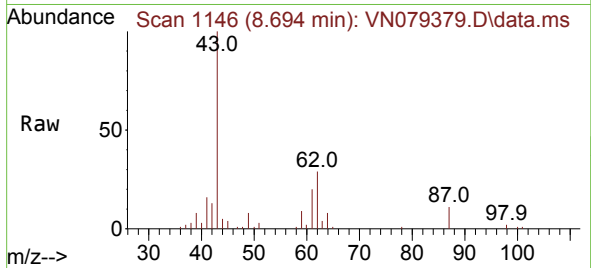




#43  
Isopropyl Acetate  
Concen: 20.142 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

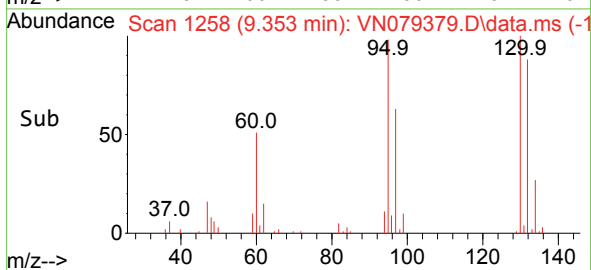
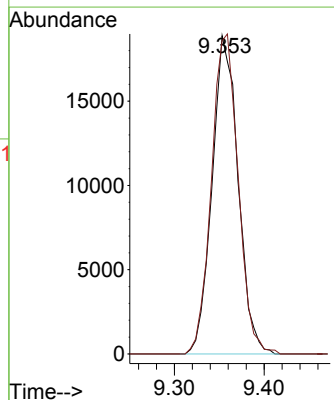
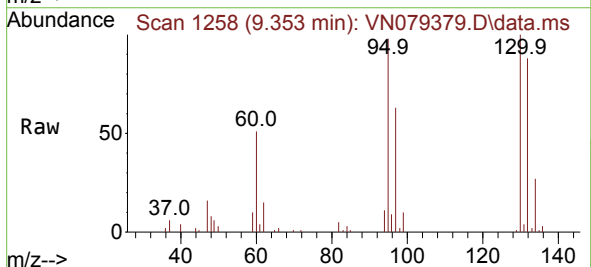
Instrument :  
MSVOA\_N  
ClientSampleId :

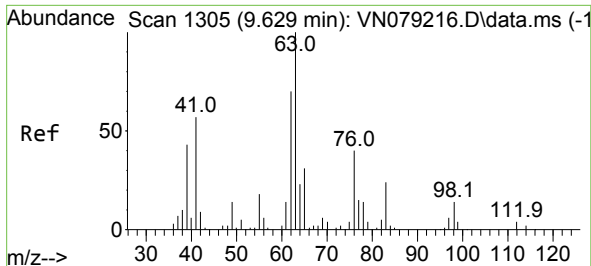
Tgt Ion: 43 Resp: 95275  
Ion Ratio Lower Upper  
43 100  
61 25.3 24.7 37.1  
87 12.4 14.6 21.8#



#44  
Trichloroethene  
Concen: 17.362 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. -0.006 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

Tgt Ion:130 Resp: 38055  
Ion Ratio Lower Upper  
130 100  
95 98.4 0.0 204.6

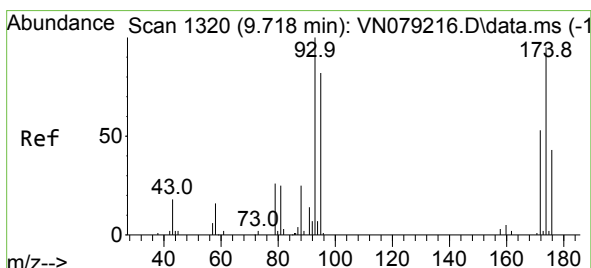
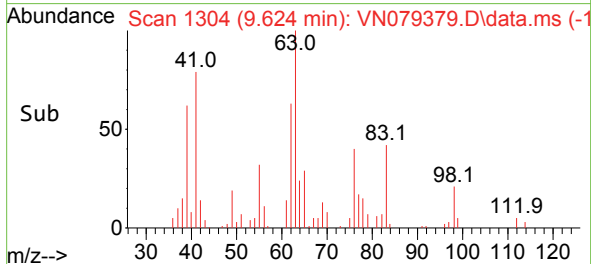
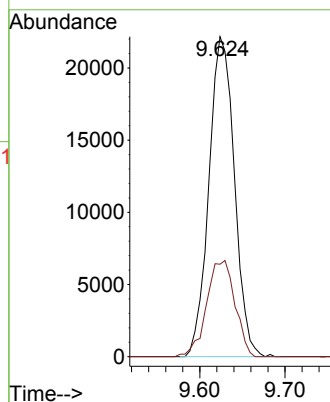
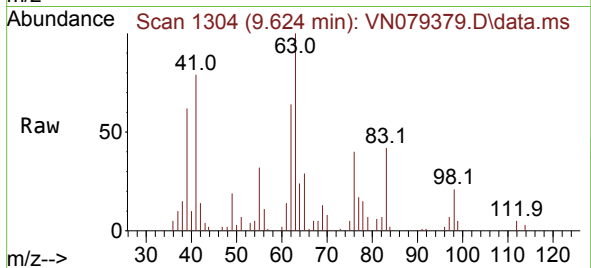




#45  
1,2-Dichloropropane  
Concen: 20.856 ug/l  
RT: 9.624 min Scan# 1304  
Delta R.T. -0.000 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

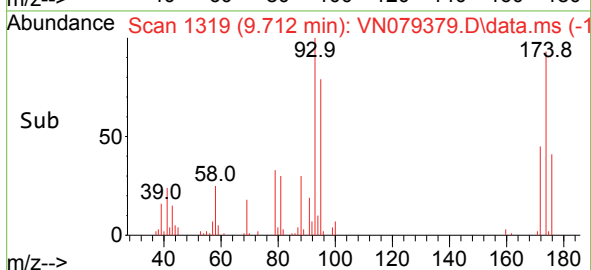
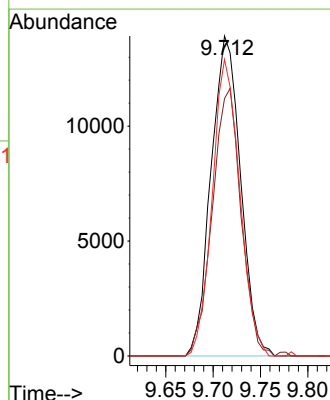
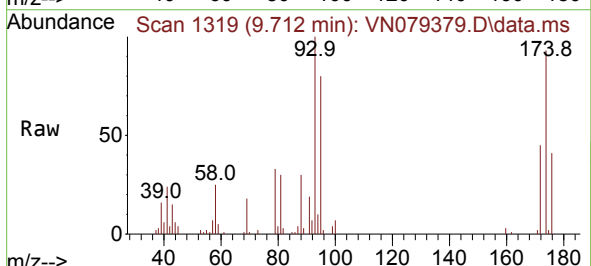
Instrument :  
MSVOA\_N  
ClientSampleId :

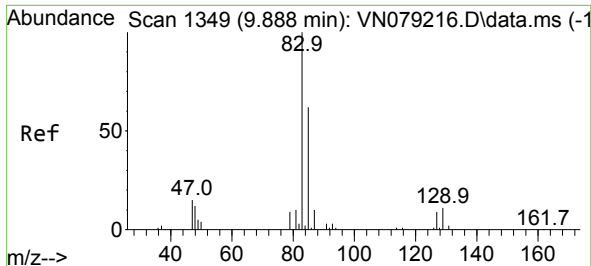
Tgt Ion: 63 Resp: 46053  
Ion Ratio Lower Upper  
63 100  
65 28.9 23.9 35.9



#46  
Dibromomethane  
Concen: 20.083 ug/l  
RT: 9.712 min Scan# 1319  
Delta R.T. -0.000 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

Tgt Ion: 93 Resp: 30105  
Ion Ratio Lower Upper  
93 100  
95 81.2 63.8 95.8  
174 86.3 65.6 98.4





#47

Bromodichloromethane

Concen: 20.134 ug/l

RT: 9.894 min Scan# 1

Delta R.T. 0.000 min

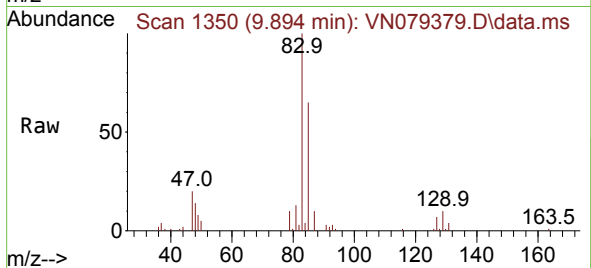
Lab File: VN079379.D

Acq: 30 Sep 2023 12:10

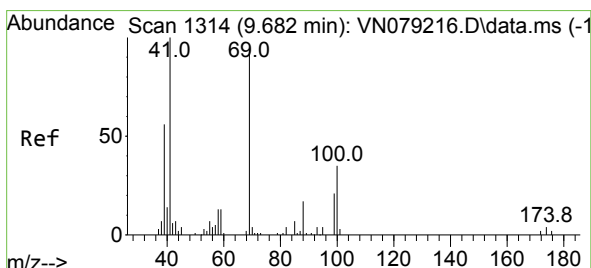
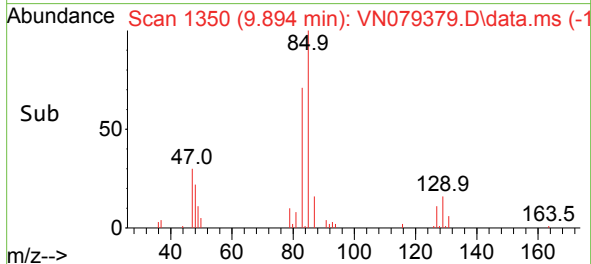
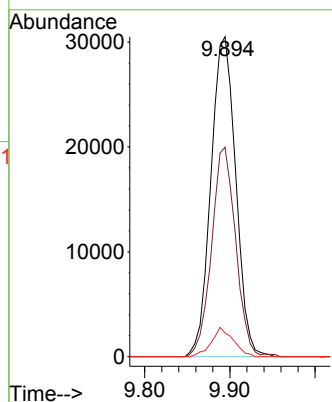
Instrument :

MSVOA\_N

ClientSampleId :



|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 61817 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 85 65.5     | 49.6 74.4   |
| 127 7.5     | 7.0 10.6    |



#48

Methyl methacrylate

Concen: 19.087 ug/l

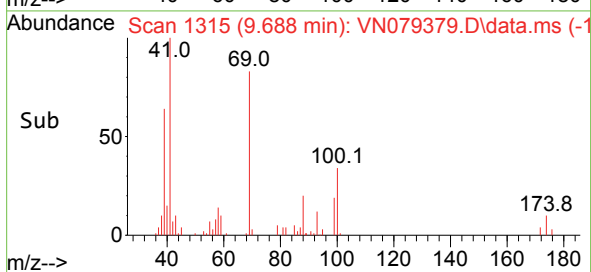
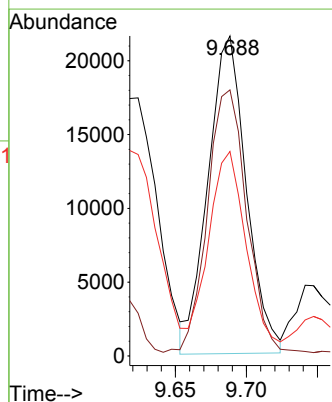
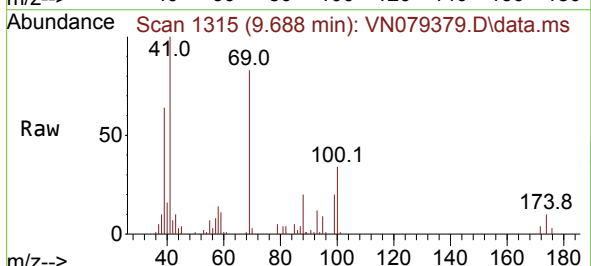
RT: 9.688 min Scan# 1315

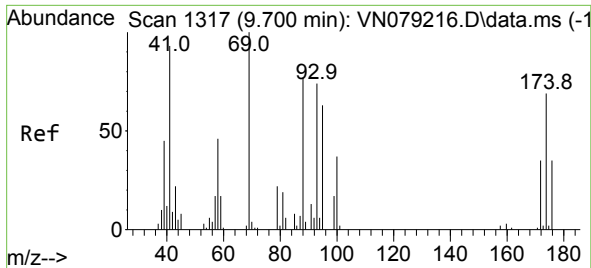
Delta R.T. 0.000 min

Lab File: VN079379.D

Acq: 30 Sep 2023 12:10

|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 40442 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 69 85.4     | 90.4 135.6# |
| 39 64.6     | 54.6 81.8   |





#49

1,4-Dioxane

Concen: 337.865 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079379.D

Acq: 30 Sep 2023 12:10

Instrument :

MSVOA\_N

ClientSampleId :

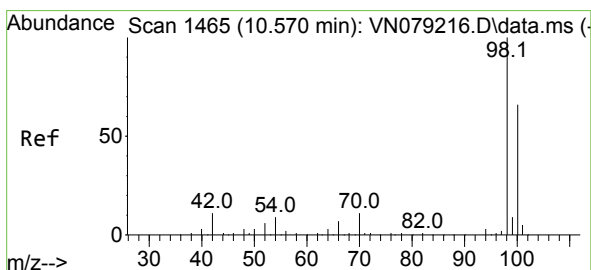
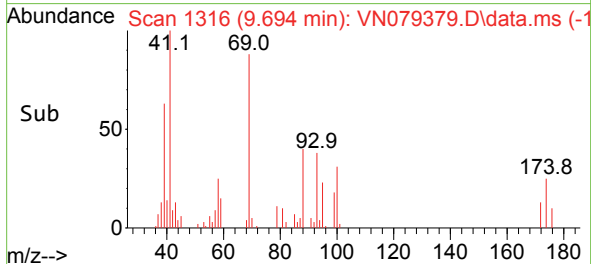
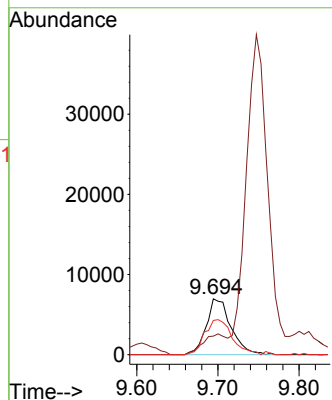
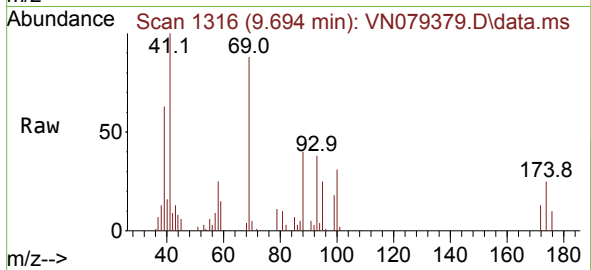
Tgt Ion: 88 Resp: 14724

Ion Ratio Lower Upper

88 100

43 36.0 17.0 25.6#

58 69.4 47.0 70.4



#50

Toluene-d8

Concen: 48.290 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079379.D

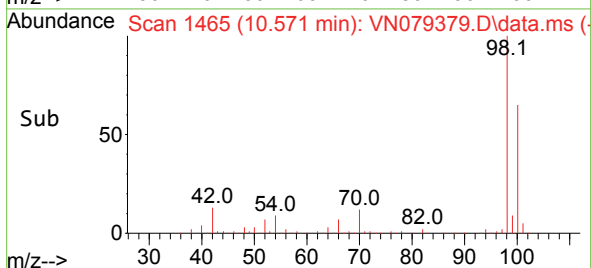
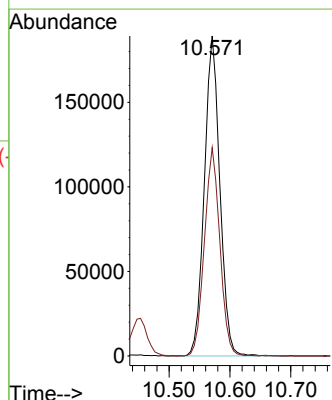
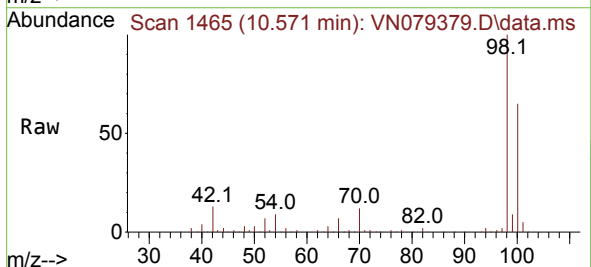
Acq: 30 Sep 2023 12:10

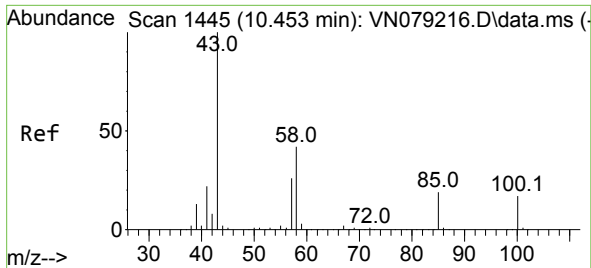
Tgt Ion: 98 Resp: 334349

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

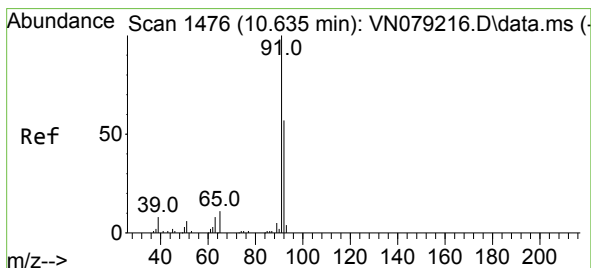
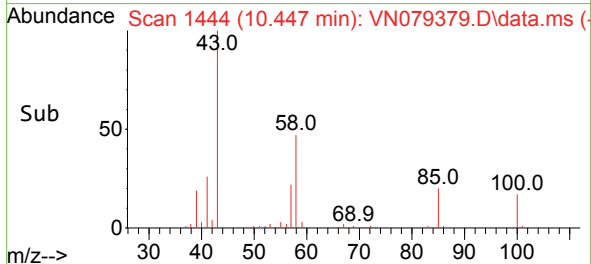
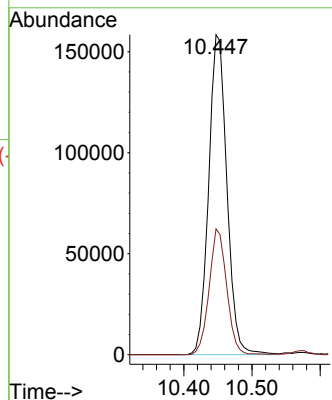
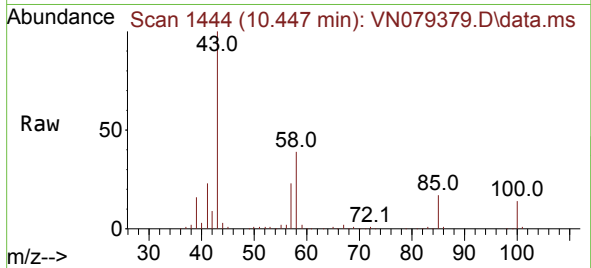




#51  
4-Methyl-2-Pentanone  
Concen: 107.398 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. -0.006 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

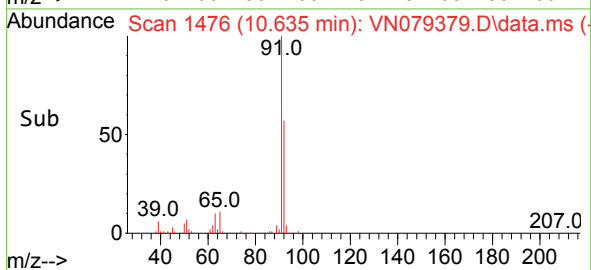
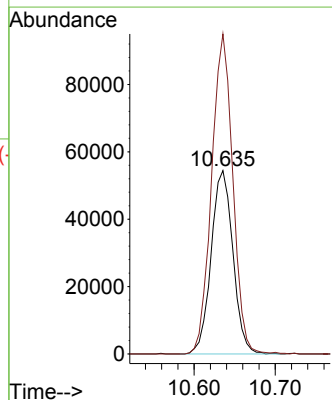
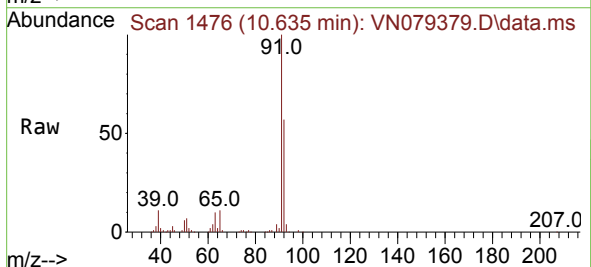
Instrument :  
MSVOA\_N  
ClientSampleId :

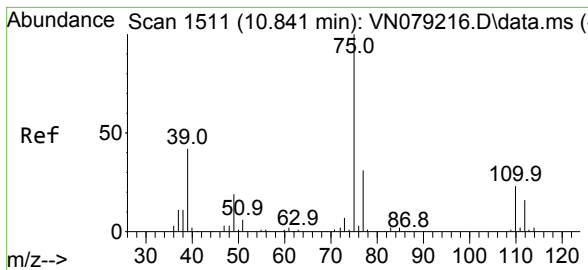
Tgt Ion: 43 Resp: 294902  
Ion Ratio Lower Upper  
43 100  
58 37.9 36.6 54.8



#52  
Toluene  
Concen: 18.555 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

Tgt Ion: 92 Resp: 101456  
Ion Ratio Lower Upper  
92 100  
91 170.1 137.4 206.0

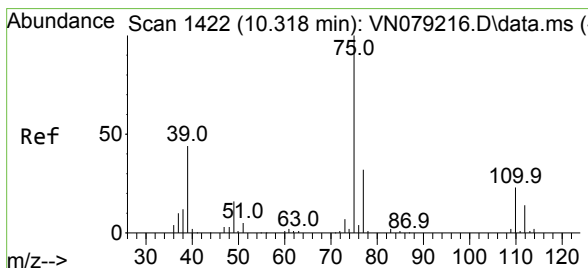
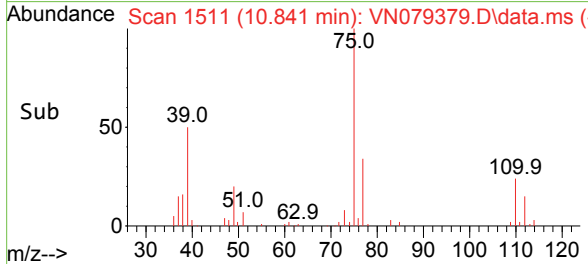
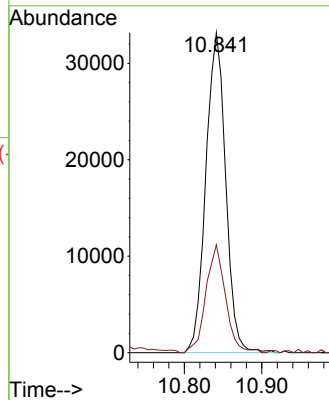
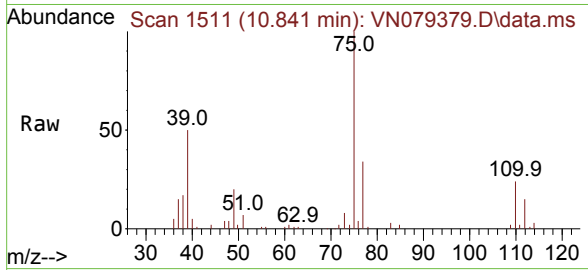




#53  
 t-1,3-Dichloropropene  
 Concen: 18.238 ug/l  
 RT: 10.841 min Scan# 1511  
 Delta R.T. 0.000 min  
 Lab File: VN079379.D  
 Acq: 30 Sep 2023 12:10

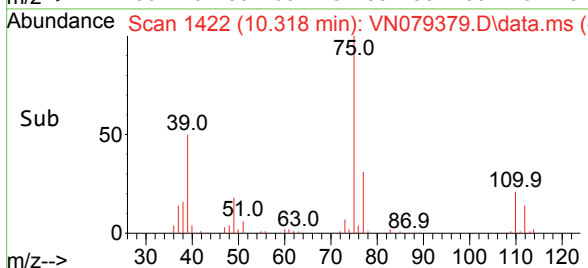
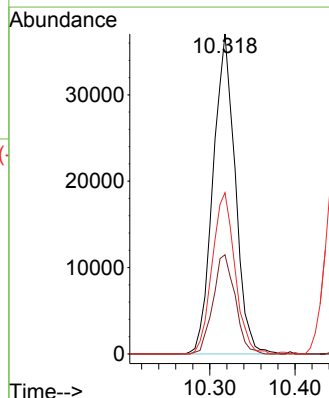
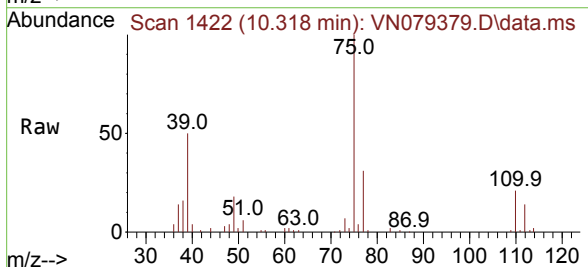
Instrument :  
 MSVOA\_N  
 ClientSampleId :

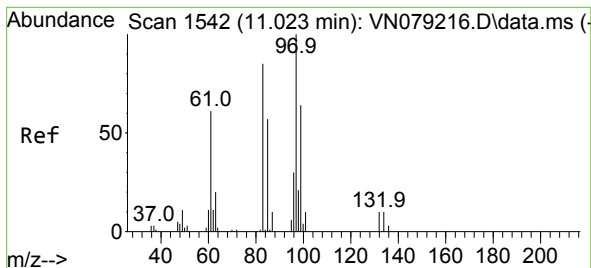
Tgt Ion: 75 Resp: 59045  
 Ion Ratio Lower Upper  
 75 100  
 77 33.7 25.4 38.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.318 ug/l  
 RT: 10.318 min Scan# 1422  
 Delta R.T. -0.000 min  
 Lab File: VN079379.D  
 Acq: 30 Sep 2023 12:10

Tgt Ion: 75 Resp: 66891  
 Ion Ratio Lower Upper  
 75 100  
 77 31.0 26.1 39.1  
 39 50.4 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 19.430 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.006 min

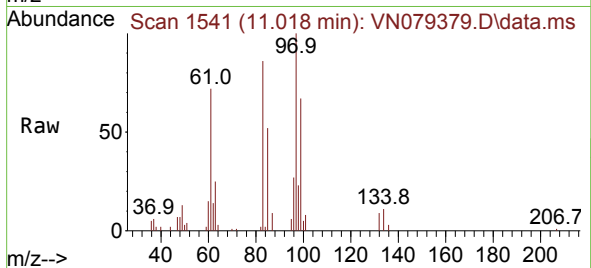
Lab File: VN079379.D

Acq: 30 Sep 2023 12:10

Instrument :

MSVOA\_N

ClientSampleId :



Tgt Ion: 97 Resp: 41689

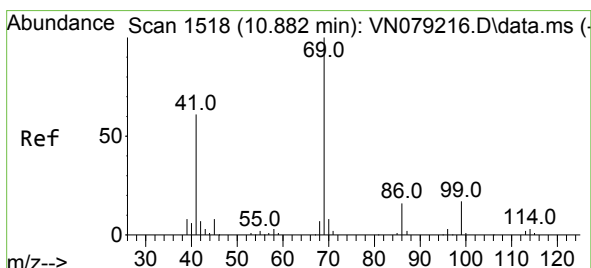
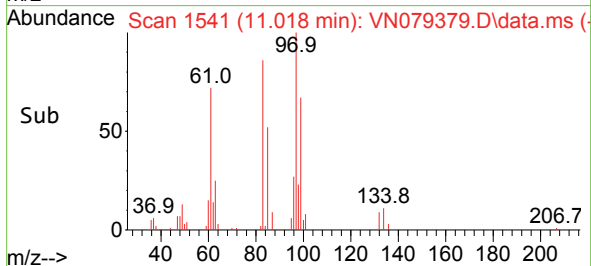
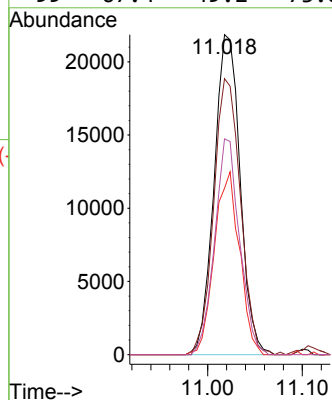
Ion Ratio Lower Upper

97 100

83 86.3 65.1 97.7

85 52.0 43.4 65.2

99 67.4 49.2 73.8



#56

Ethyl methacrylate

Concen: 18.648 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.005 min

Lab File: VN079379.D

Acq: 30 Sep 2023 12:10

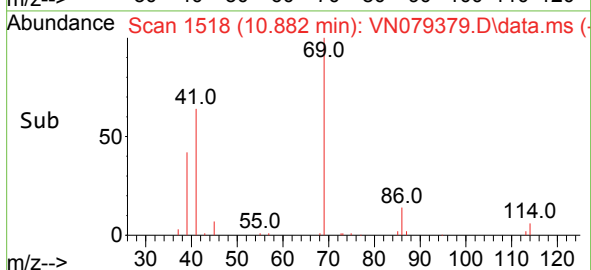
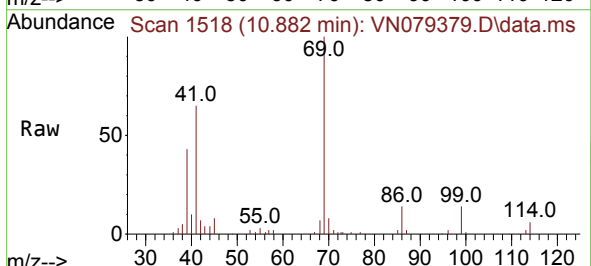
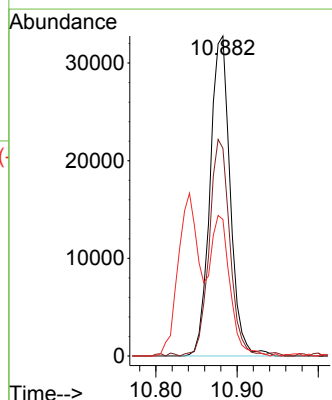
Tgt Ion: 69 Resp: 56481

Ion Ratio Lower Upper

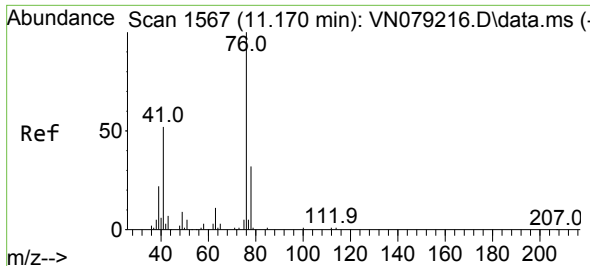
69 100

41 69.2 39.6 59.4#

39 43.2 28.6 43.0#







#57

1,3-Dichloropropane

Concen: 19.762 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

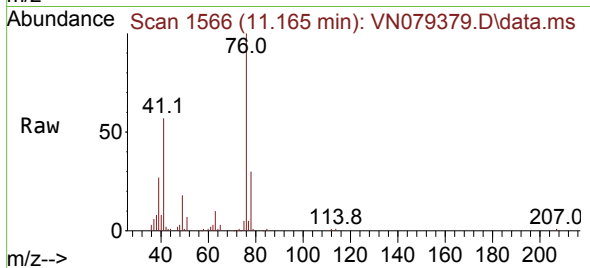
Lab File: VN079379.D

Acq: 30 Sep 2023 12:10

Instrument :

MSVOA\_N

ClientSampleId :

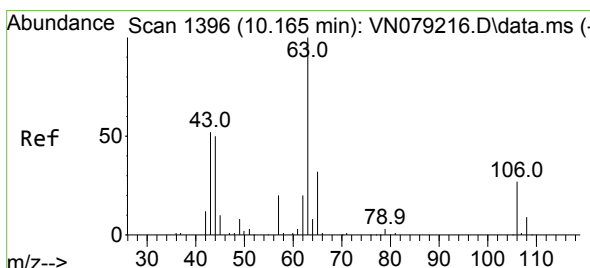
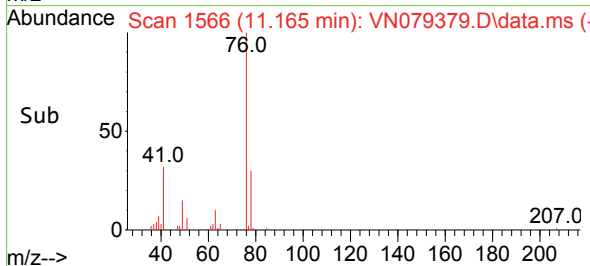
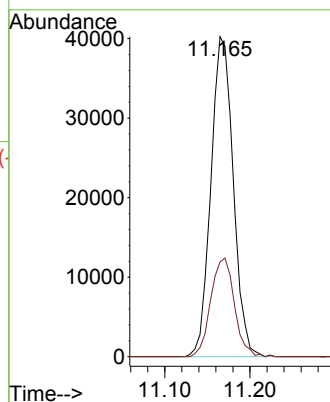


Tgt Ion: 76 Resp: 73297

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 101.782 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079379.D

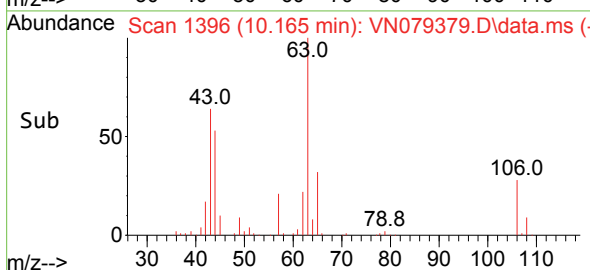
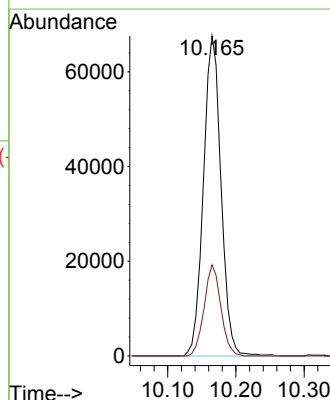
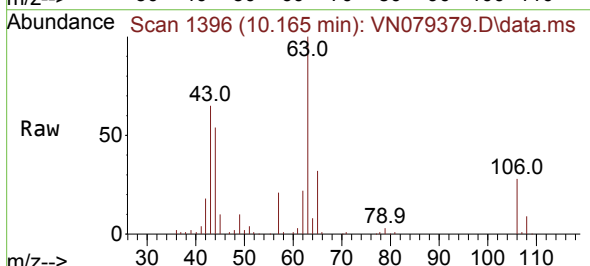
Acq: 30 Sep 2023 12:10

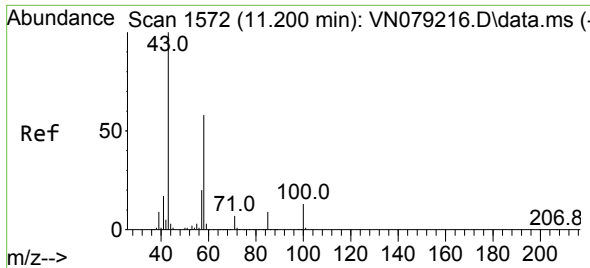
Tgt Ion: 63 Resp: 121094

Ion Ratio Lower Upper

63 100

106 27.1 26.2 39.4

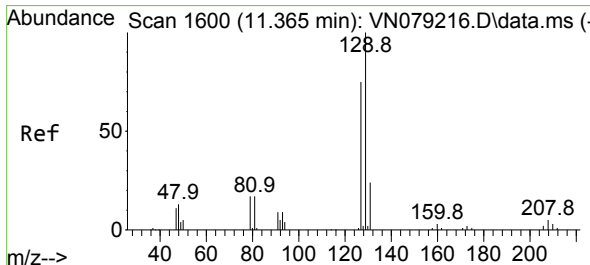
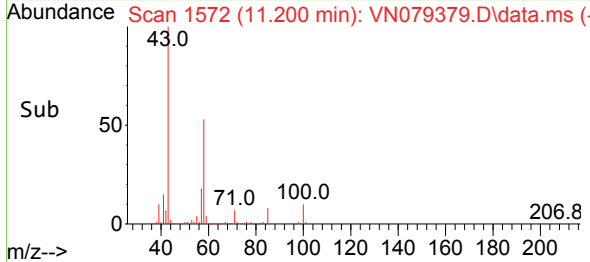
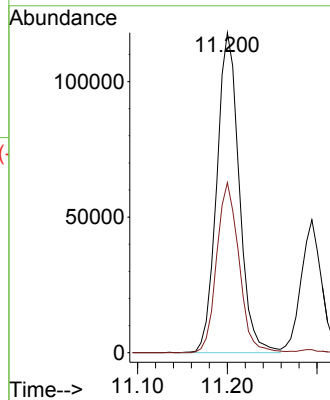
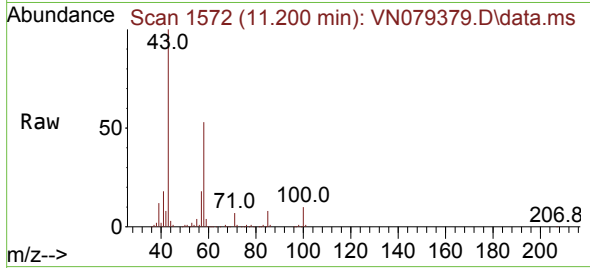




#59  
2-Hexanone  
Concen: 103.030 ug/l  
RT: 11.200 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

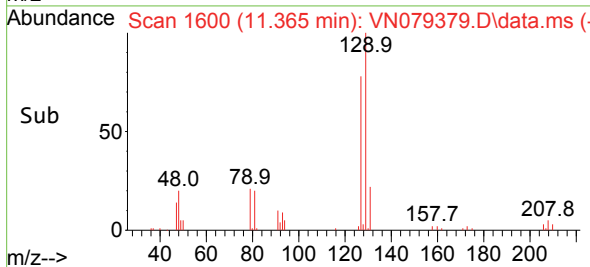
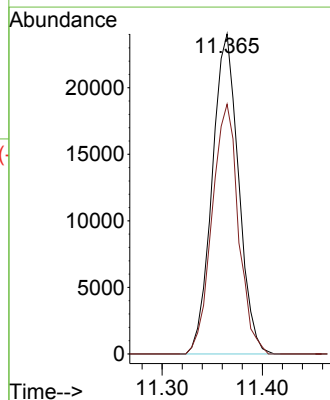
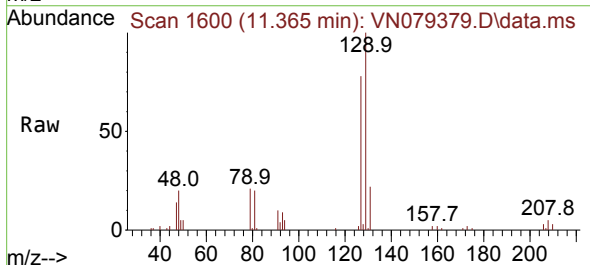
Instrument :  
MSVOA\_N  
ClientSampleId :

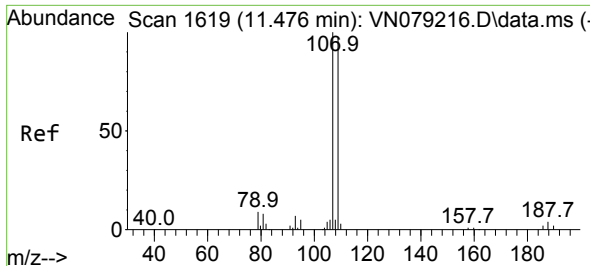
Tgt Ion: 43 Resp: 204907  
Ion Ratio Lower Upper  
43 100  
58 52.8 31.7 95.1



#60  
Dibromochloromethane  
Concen: 19.229 ug/l  
RT: 11.365 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

Tgt Ion:129 Resp: 43908  
Ion Ratio Lower Upper  
129 100  
127 77.9 38.6 116.0

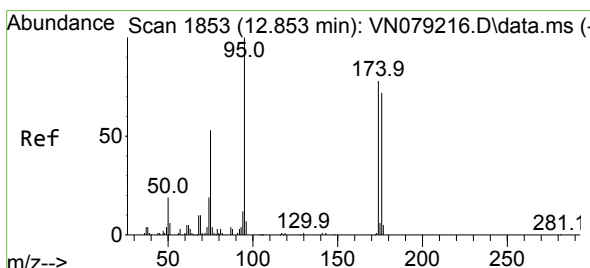
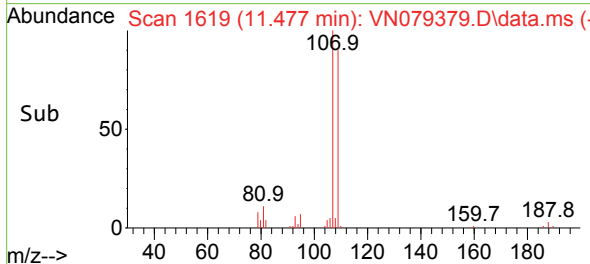
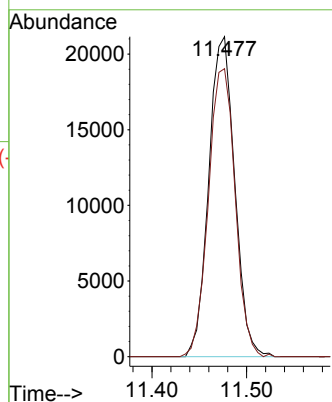
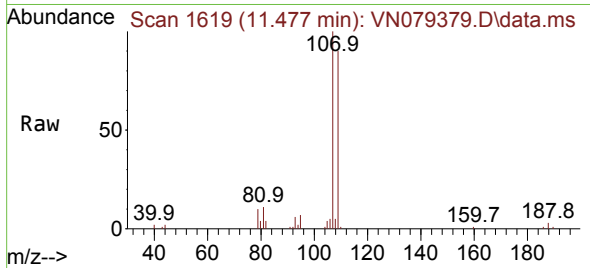




#61  
1,2-Dibromoethane  
Concen: 18.810 ug/l  
RT: 11.477 min Scan# 1619  
Delta R.T. 0.001 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

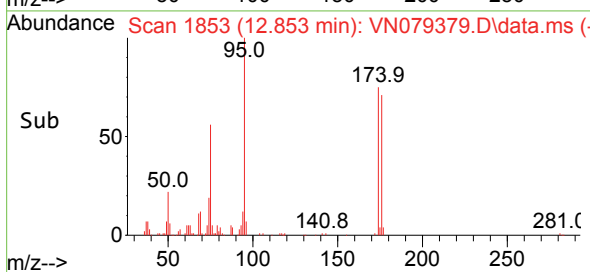
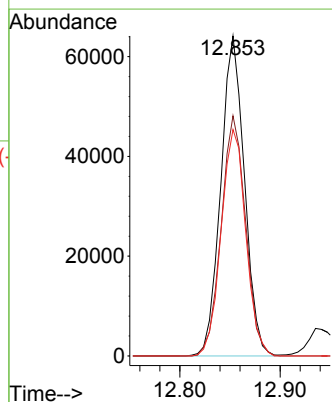
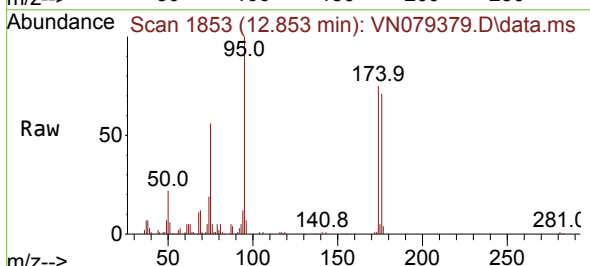
Instrument :  
MSVOA\_N  
ClientSampleId :

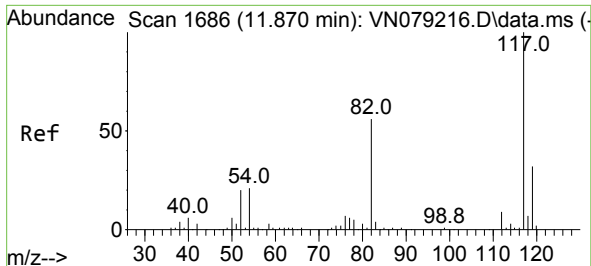
Tgt Ion:107 Resp: 40275  
Ion Ratio Lower Upper  
107 100  
109 92.6 76.6 114.8



#62  
4-Bromofluorobenzene  
Concen: 47.550 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

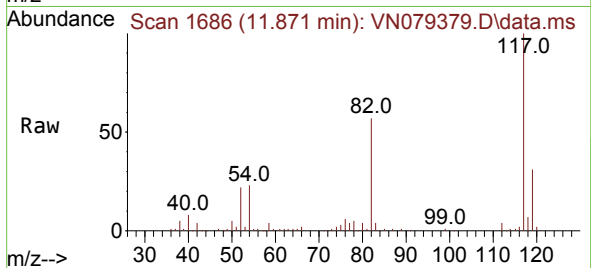
Tgt Ion: 95 Resp: 105016  
Ion Ratio Lower Upper  
95 100  
174 77.2 0.0 143.8  
176 73.6 0.0 135.8



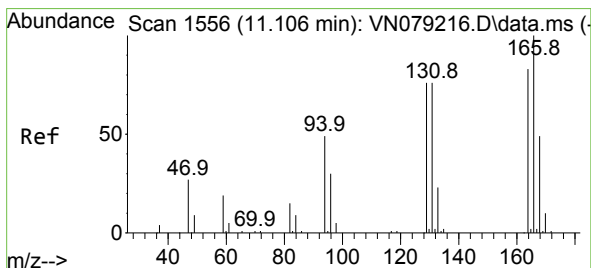
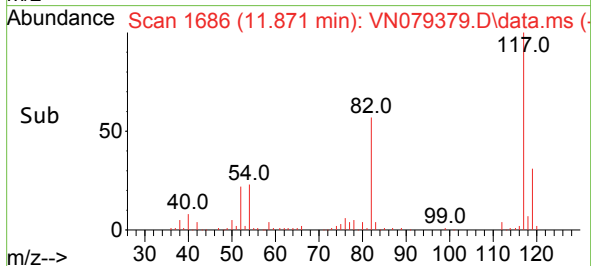
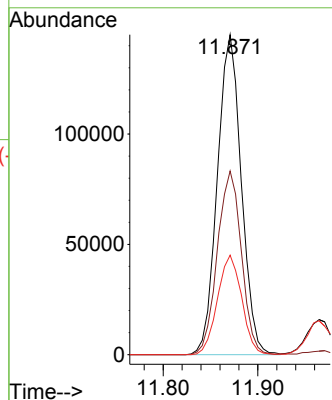


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

Instrument :  
MSVOA\_N  
ClientSampleId :

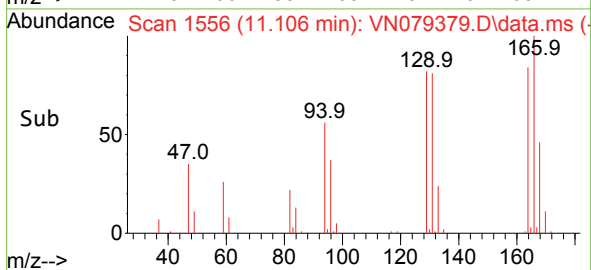
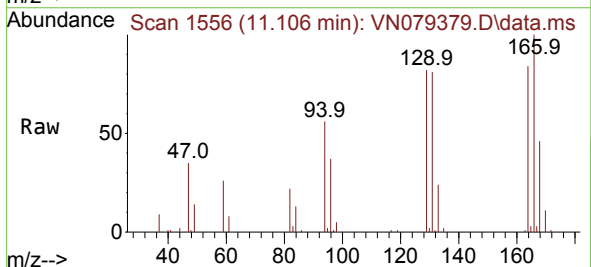
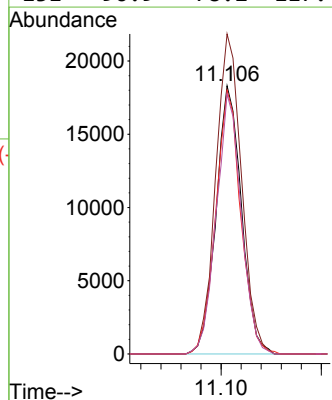


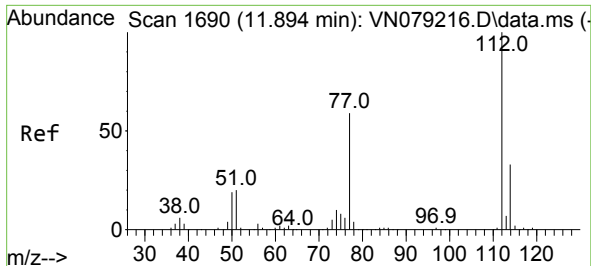
Tgt Ion:117 Resp: 255104  
Ion Ratio Lower Upper  
117 100  
82 57.4 44.0 66.0  
119 31.1 25.6 38.4



#64  
Tetrachloroethene  
Concen: 17.269 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. -0.006 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

Tgt Ion:164 Resp: 32123  
Ion Ratio Lower Upper  
164 100  
166 119.4 101.4 152.0  
129 98.3 82.4 123.6  
131 96.9 78.2 117.4

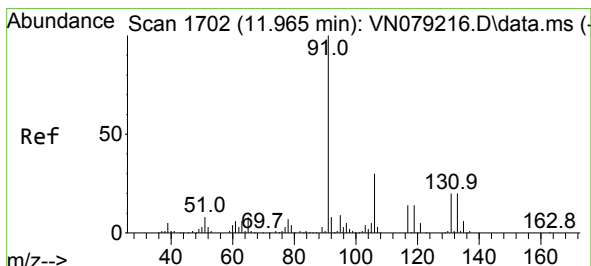
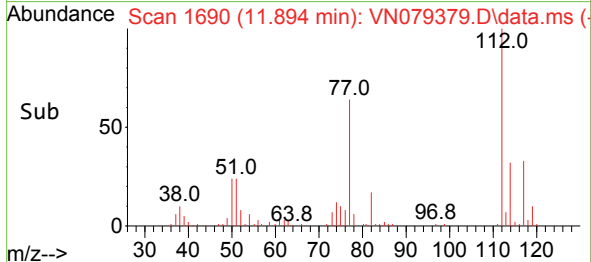
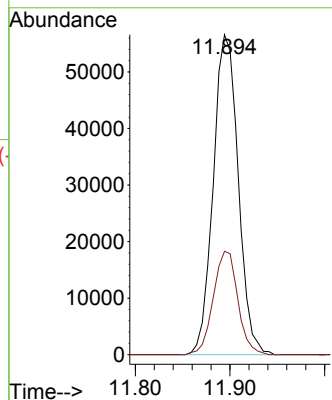
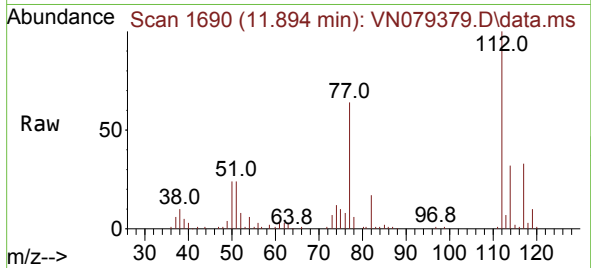




#65  
Chlorobenzene  
Concen: 17.921 ug/l  
RT: 11.894 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

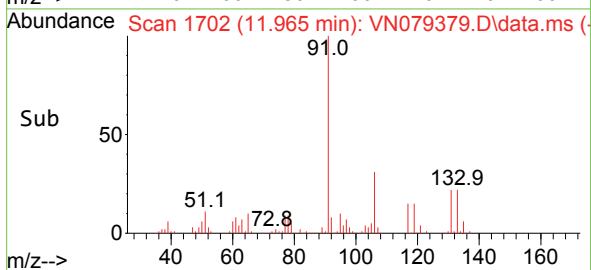
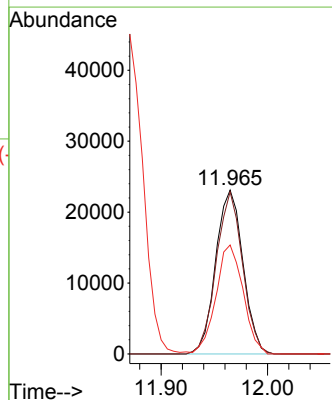
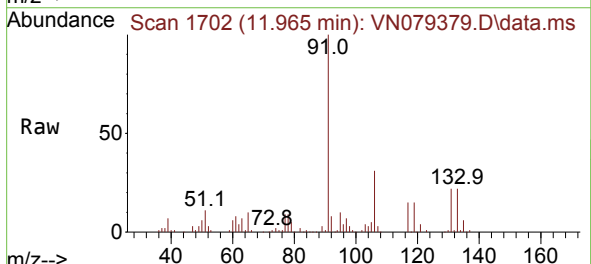
Instrument :  
MSVOA\_N  
ClientSampleId :

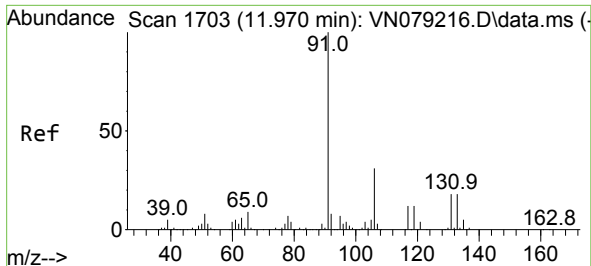
Tgt Ion:112 Resp: 103566  
Ion Ratio Lower Upper  
112 100  
114 32.3 25.0 37.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.959 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

Tgt Ion:131 Resp: 41086  
Ion Ratio Lower Upper  
131 100  
133 95.7 46.4 139.1  
119 66.8 34.1 102.2





#67

Ethyl Benzene

Concen: 18.353 ug/l

RT: 11.971 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VN079379.D

Acq: 30 Sep 2023 12:10

Instrument :

MSVOA\_N

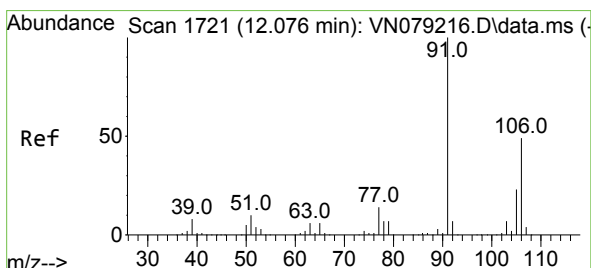
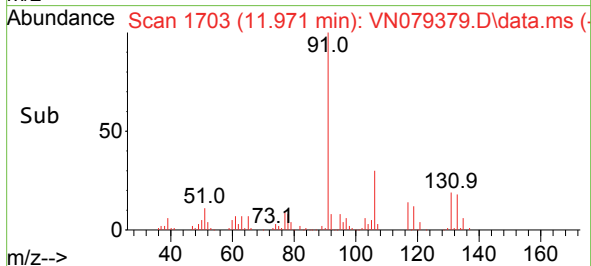
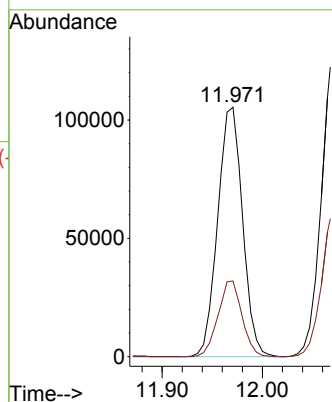
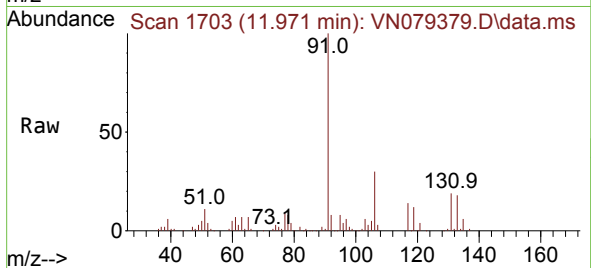
ClientSampleId :

Tgt Ion: 91 Resp: 181422

Ion Ratio Lower Upper

91 100

106 30.3 25.6 38.4



#68

m/p-Xylenes

Concen: 35.848 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN079379.D

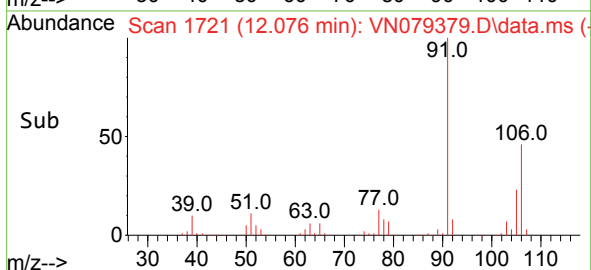
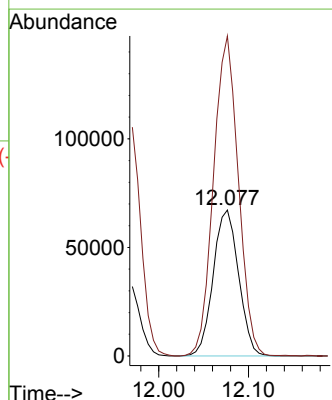
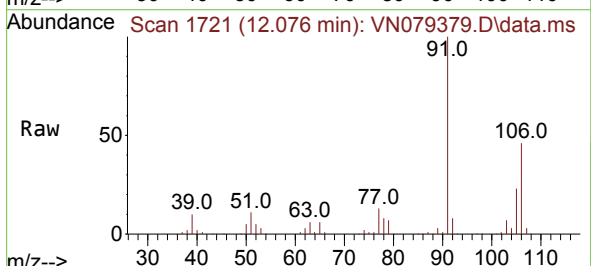
Acq: 30 Sep 2023 12:10

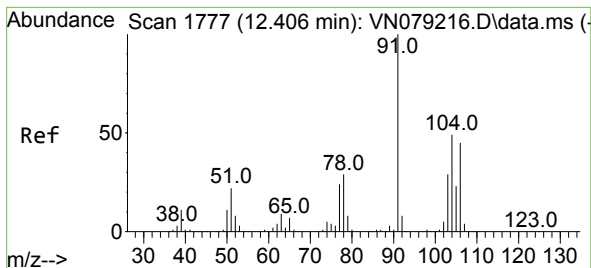
Tgt Ion:106 Resp: 132082

Ion Ratio Lower Upper

106 100

91 214.4 159.6 239.4





#69

o-Xylene

Concen: 18.275 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.006 min

Lab File: VN079379.D

Acq: 30 Sep 2023 12:10

Instrument :

MSVOA\_N

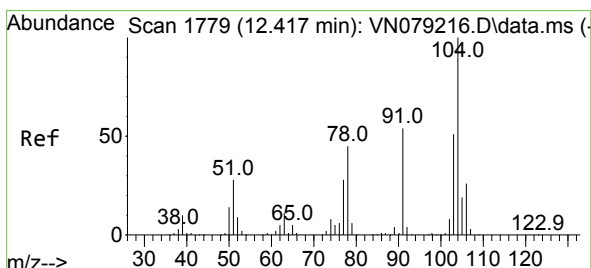
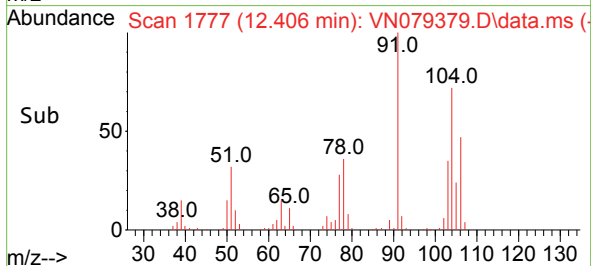
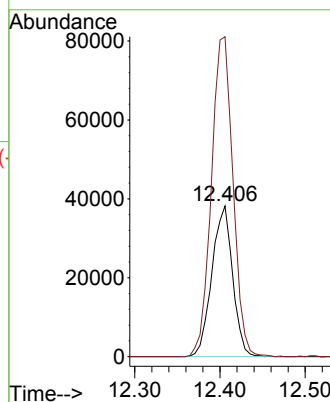
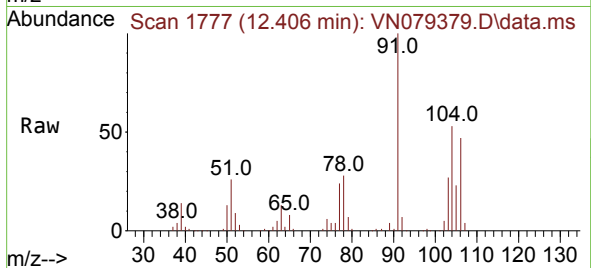
ClientSampleId :

Tgt Ion:106 Resp: 64577

Ion Ratio Lower Upper

106 100

91 221.2 105.2 315.5



#70

Styrene

Concen: 18.611 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN079379.D

Acq: 30 Sep 2023 12:10

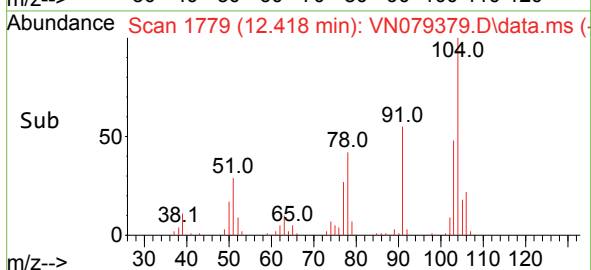
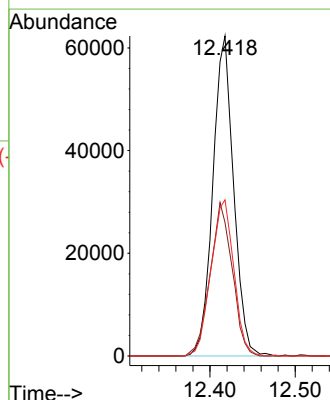
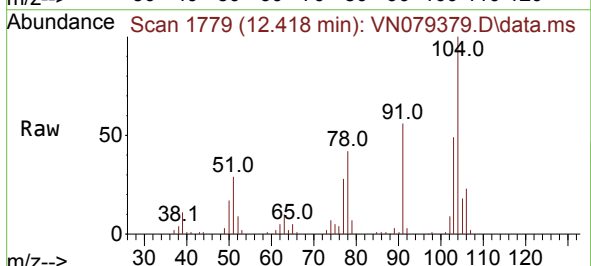
Tgt Ion:104 Resp: 105769

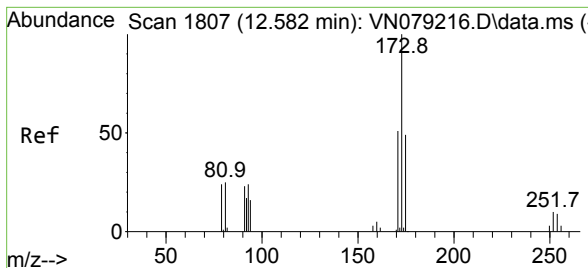
Ion Ratio Lower Upper

104 100

78 51.0 39.5 59.3

103 53.5 43.2 64.8





#71

Bromoform

Concen: 17.541 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079379.D

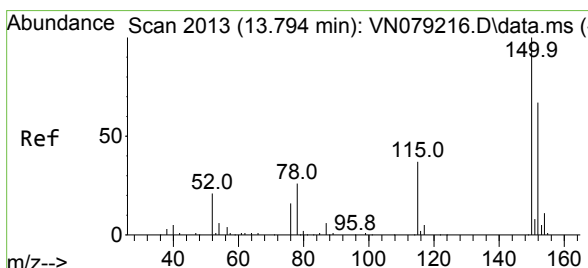
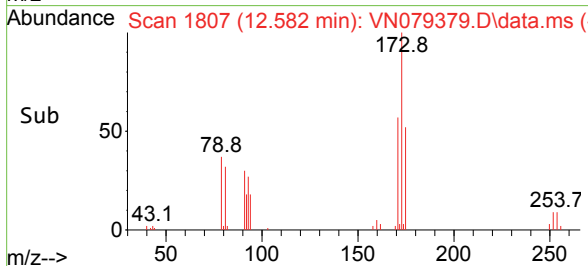
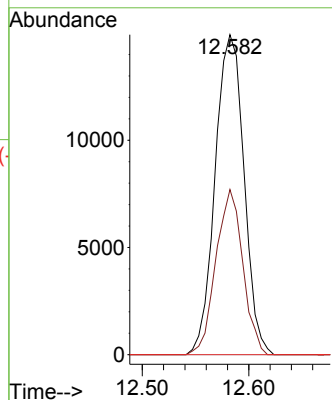
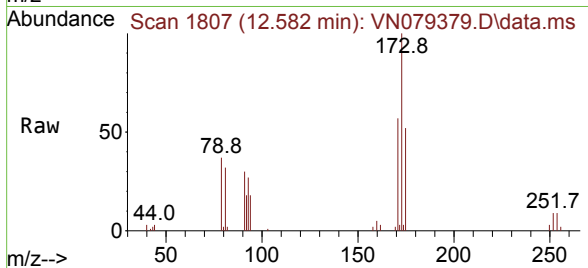
Acq: 30 Sep 2023 12:10

Instrument :

MSVOA\_N

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:173 | Resp: | 28062     |
| Ion Ratio   | Lower | Upper     |
| 173         | 100   |           |
| 175         | 48.1  | 24.3 73.0 |
| 254         | 0.0   | 0.0 0.0   |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

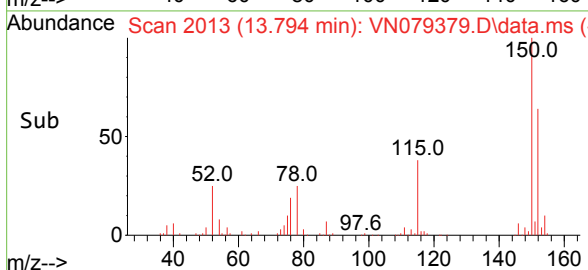
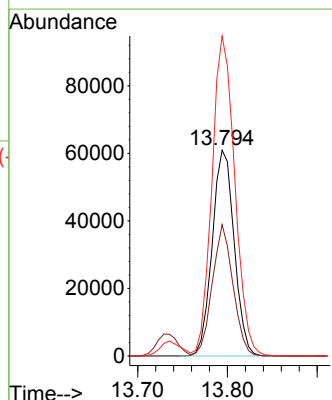
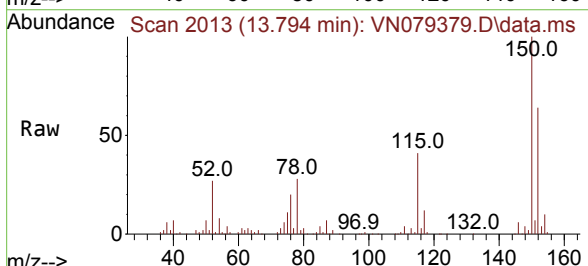
RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

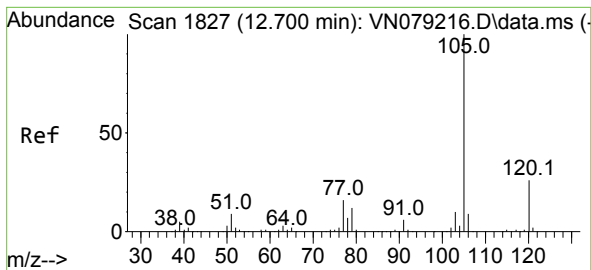
Lab File: VN079379.D

Acq: 30 Sep 2023 12:10

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:152 | Resp: | 103627    |
| Ion Ratio   | Lower | Upper     |
| 152         | 100   |           |
| 115         | 60.0  | 32.3 96.8 |
| 150         | 161.6 | 0.0 355.8 |







#73

Isopropylbenzene

Concen: 17.629 ug/l

RT: 12.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079379.D

Acq: 30 Sep 2023 12:10

Instrument :

MSVOA\_N

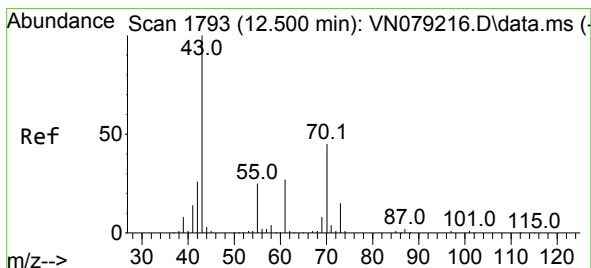
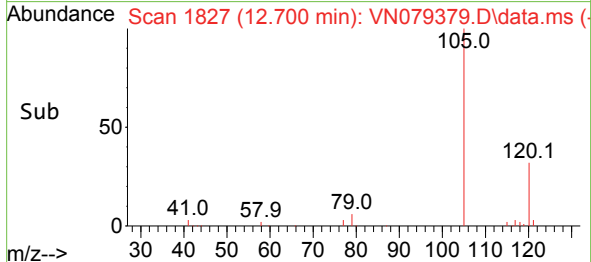
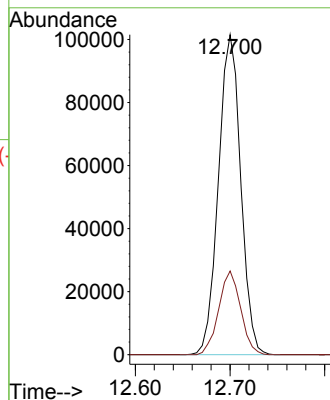
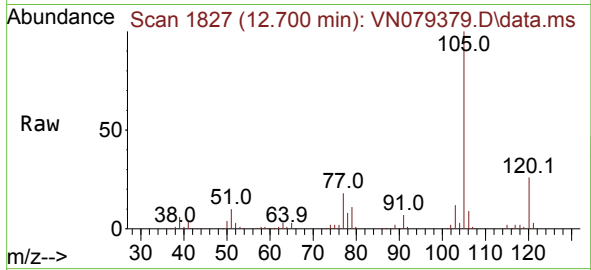
ClientSampleId :

Tgt Ion:105 Resp: 166208

Ion Ratio Lower Upper

105 100

120 25.7 13.1 39.1



#74

N-ethyl acetate

Concen: 18.690 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN079379.D

Acq: 30 Sep 2023 12:10

Tgt Ion: 43 Resp: 66854

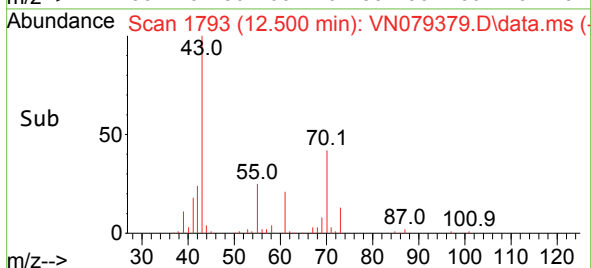
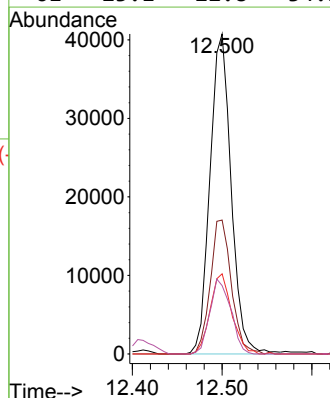
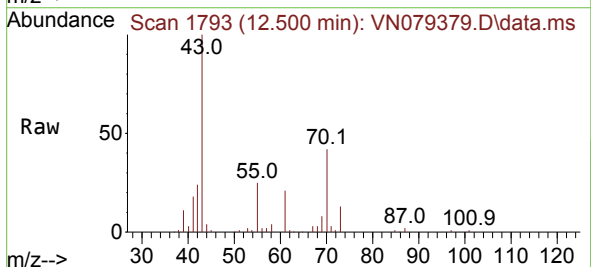
Ion Ratio Lower Upper

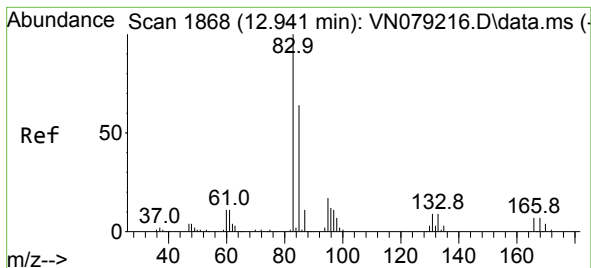
43 100

70 41.7 43.4 65.2#

55 25.6 21.4 32.0

61 23.1 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.286 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079379.D

Acq: 30 Sep 2023 12:10

Instrument :

MSVOA\_N

ClientSampleId :

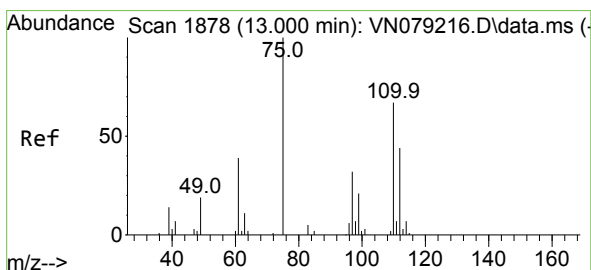
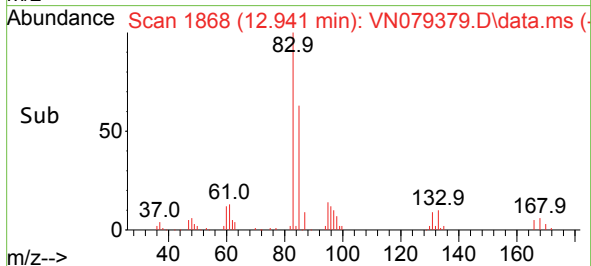
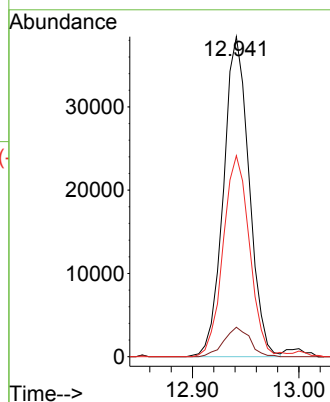
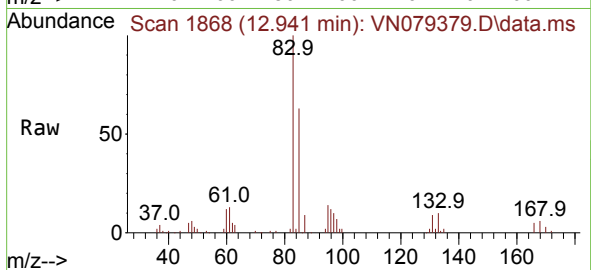
Tgt Ion: 83 Resp: 64201

Ion Ratio Lower Upper

83 100

131 9.3 5.0 15.0

85 64.9 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 26.067 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN079379.D

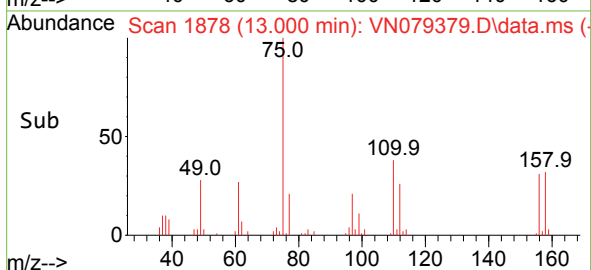
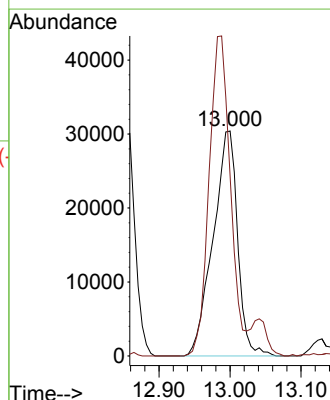
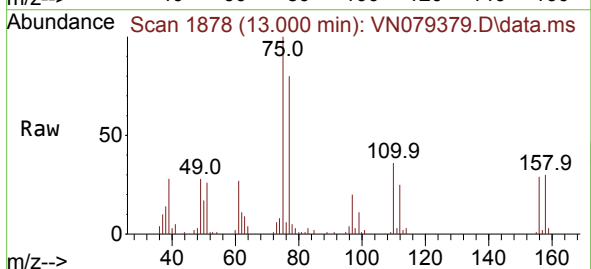
Acq: 30 Sep 2023 12:10

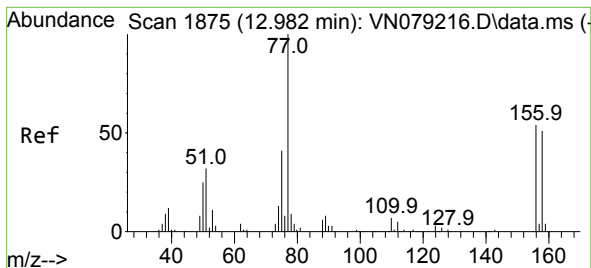
Tgt Ion: 75 Resp: 72801

Ion Ratio Lower Upper

75 100

77 123.6 84.5 253.5





#77

Bromobenzene

Concen: 16.409 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079379.D

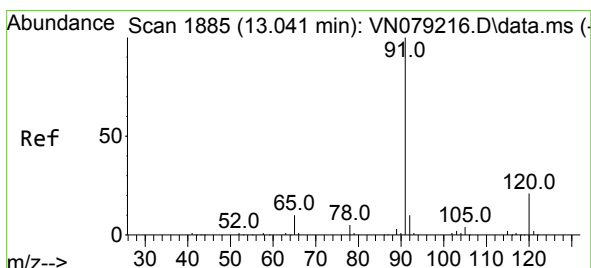
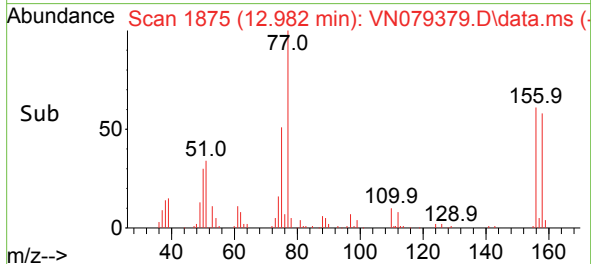
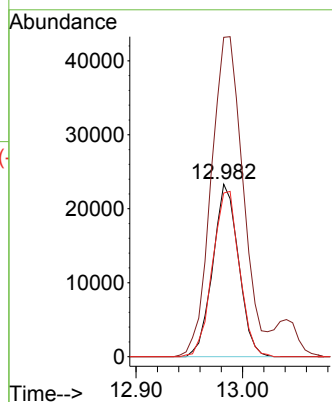
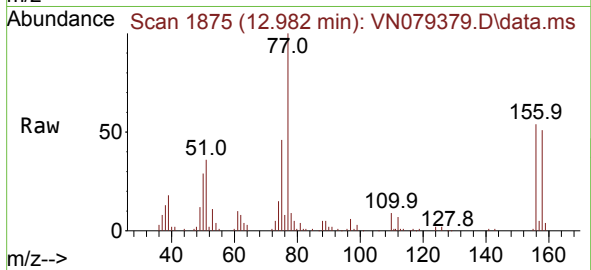
Acq: 30 Sep 2023 12:10

Instrument :

MSVOA\_N

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 156   | Resp: | 39173 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 229.8 | 107.7 | 323.3 |
| 158       | 100.0 | 48.4  | 145.3 |



#78

n-propylbenzene

Concen: 18.315 ug/l

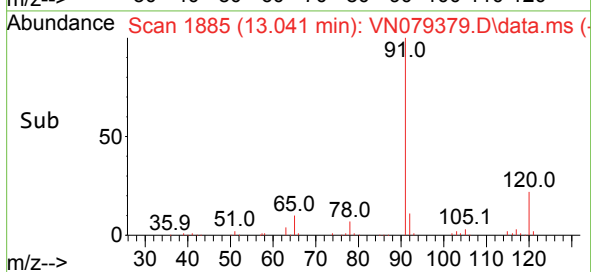
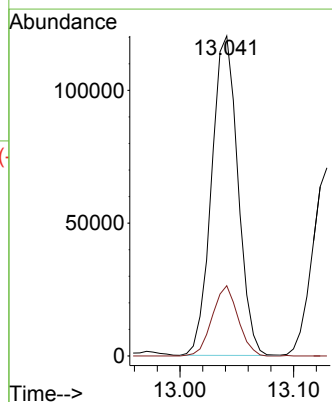
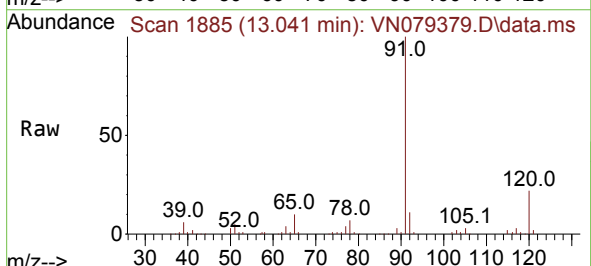
RT: 13.041 min Scan# 1885

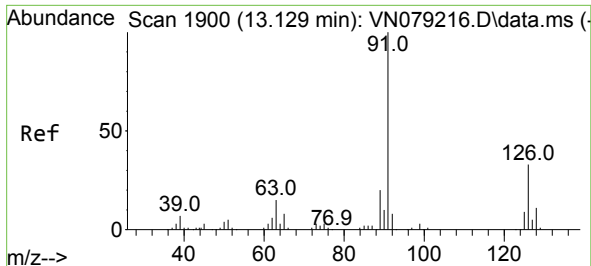
Delta R.T. 0.000 min

Lab File: VN079379.D

Acq: 30 Sep 2023 12:10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 193977 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 21.4  | 11.5  | 34.4   |





#79

2-Chlorotoluene

Concen: 17.451 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079379.D

Acq: 30 Sep 2023 12:10

Instrument :

MSVOA\_N

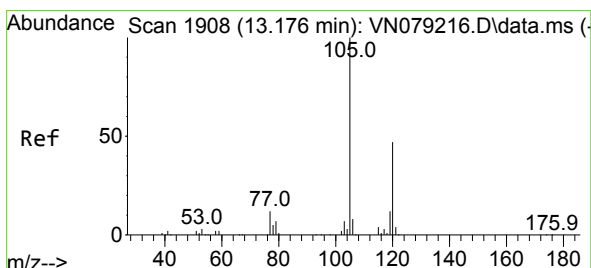
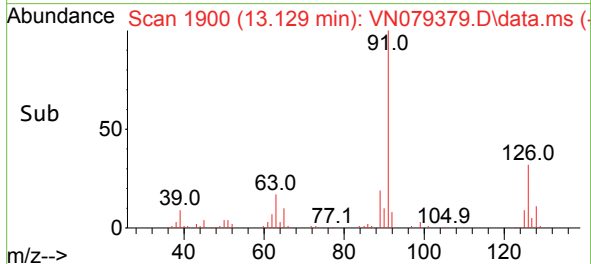
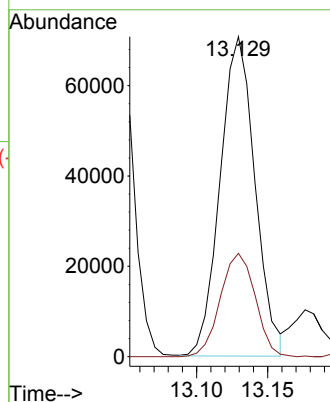
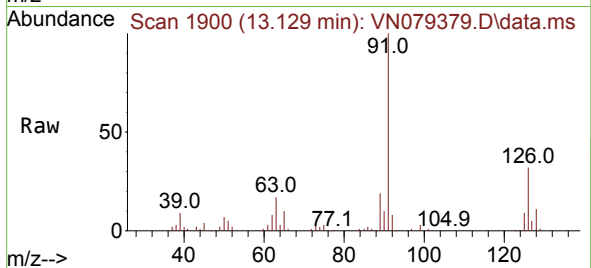
ClientSampleId :

Tgt Ion: 91 Resp: 120887

Ion Ratio Lower Upper

91 100

126 32.4 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 17.767 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079379.D

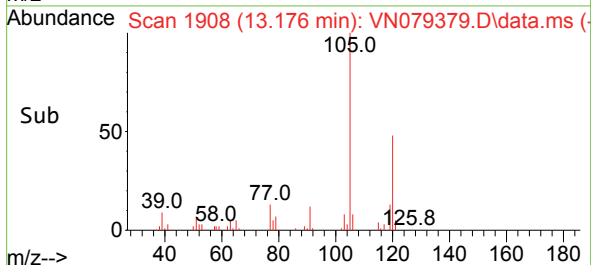
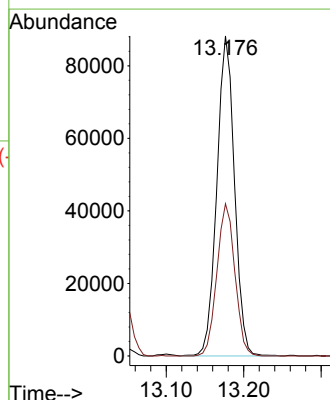
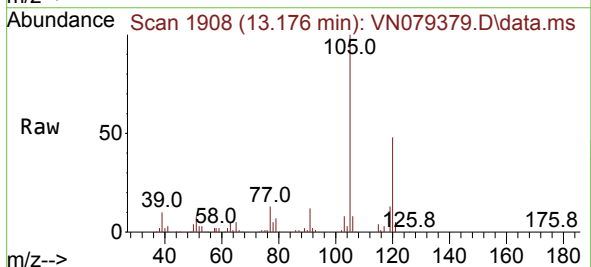
Acq: 30 Sep 2023 12:10

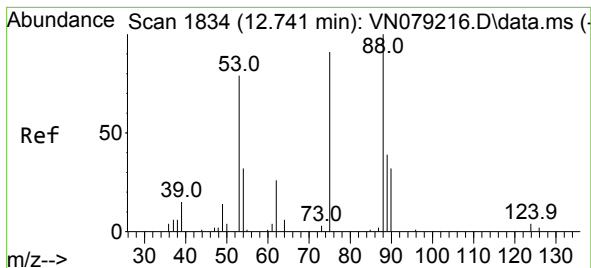
Tgt Ion:105 Resp: 139582

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.3

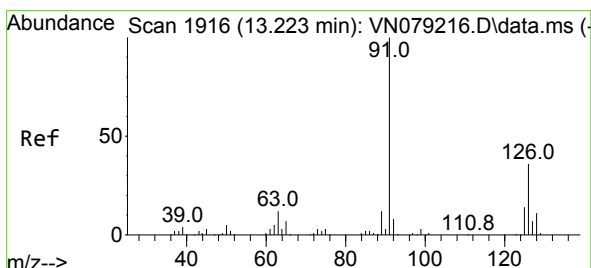
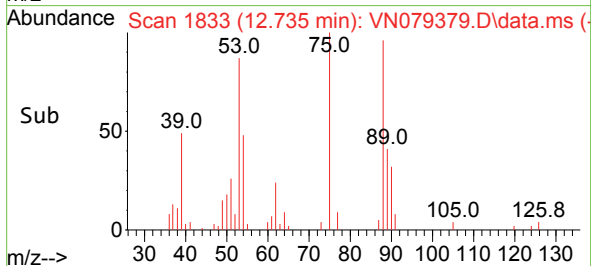
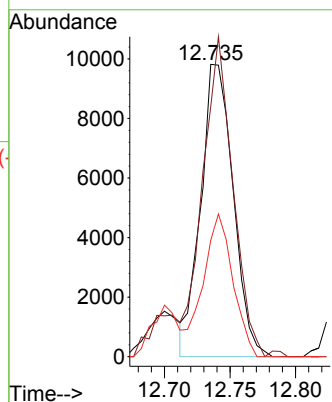
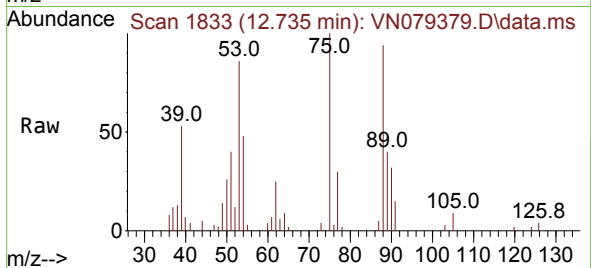




#81  
trans-1,4-Dichloro-2-butene  
Concen: 16.638 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.006 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

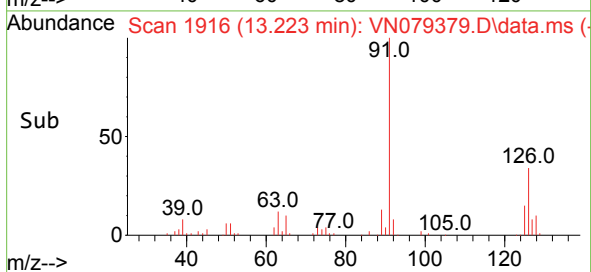
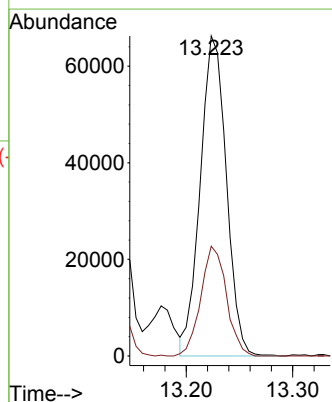
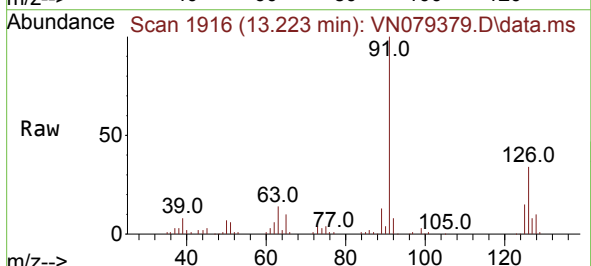
Instrument :  
MSVOA\_N  
ClientSampleId :

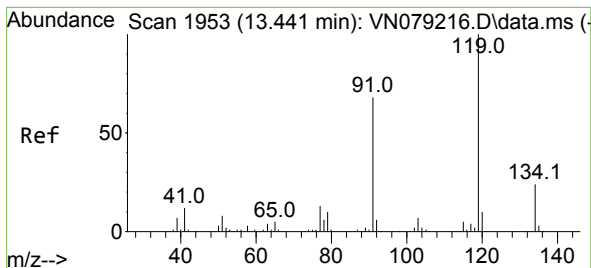
Tgt Ion: 75 Resp: 16902  
Ion Ratio Lower Upper  
75 100  
53 116.3 67.4 101.2#  
89 45.3 38.8 58.2



#82  
4-Chlorotoluene  
Concen: 17.331 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. -0.006 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

Tgt Ion: 91 Resp: 112808  
Ion Ratio Lower Upper  
91 100  
126 33.7 16.7 50.0





#83

tert-Butylbenzene

Concen: 18.320 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN079379.D

Acq: 30 Sep 2023 12:10

Instrument :

MSVOA\_N

ClientSampleId :

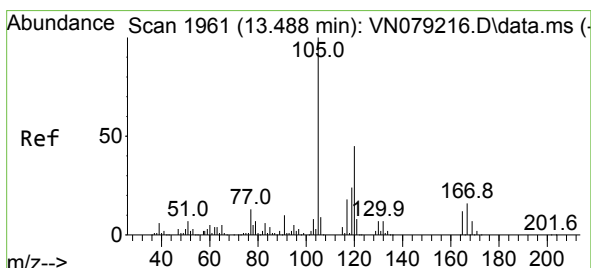
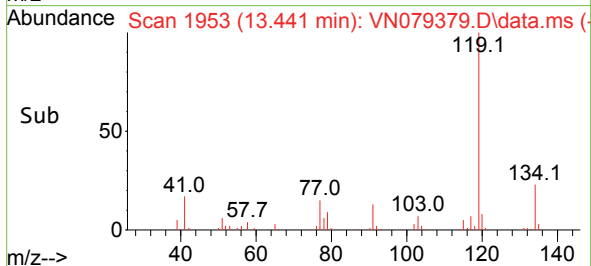
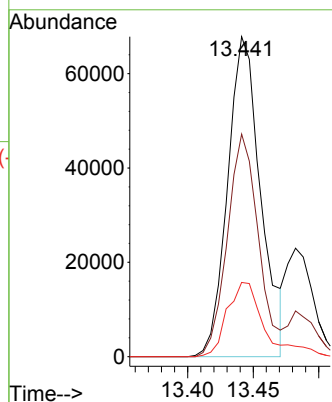
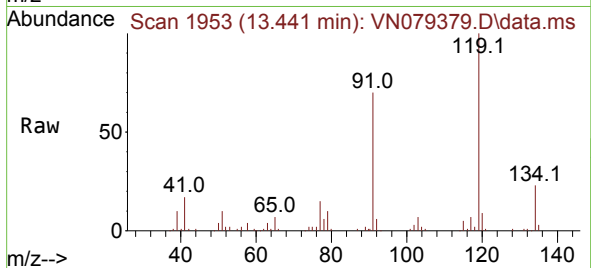
Tgt Ion:119 Resp: 119062

Ion Ratio Lower Upper

119 100

91 65.5 33.9 101.7

134 26.2 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 18.264 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079379.D

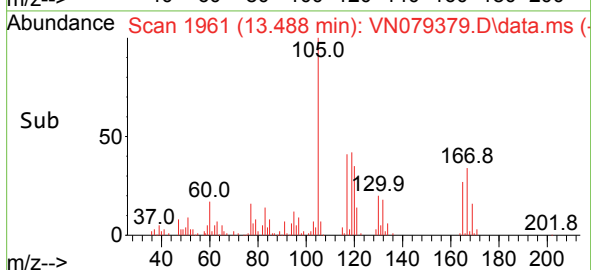
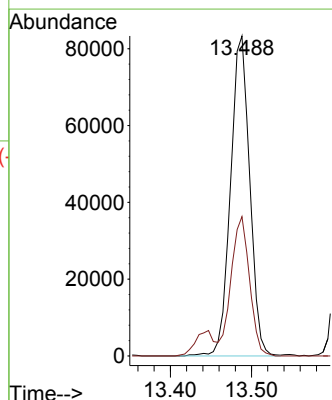
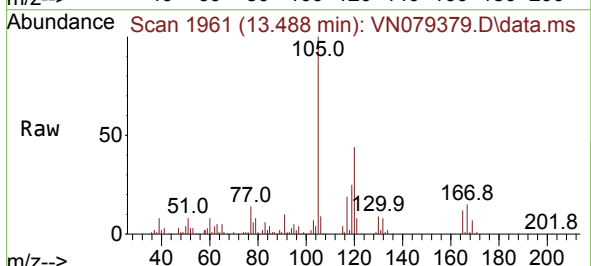
Acq: 30 Sep 2023 12:10

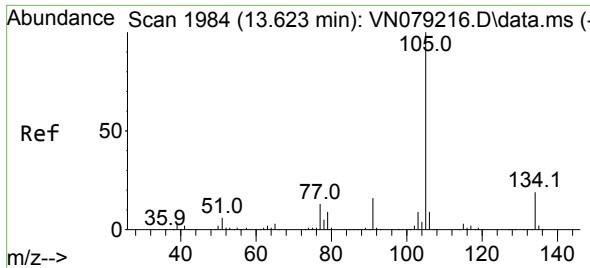
Tgt Ion:105 Resp: 136645

Ion Ratio Lower Upper

105 100

120 41.9 22.0 66.0

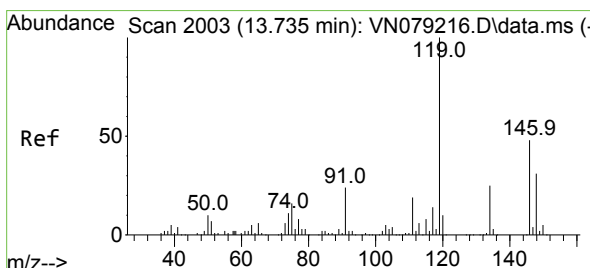
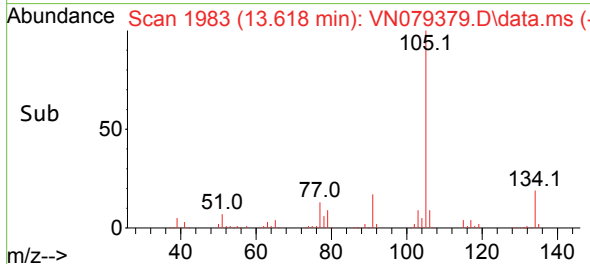
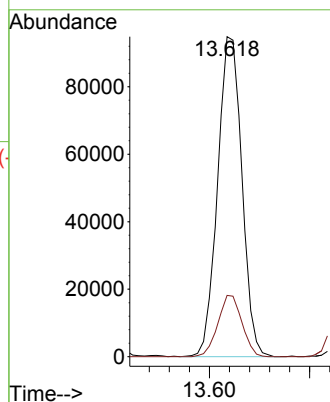
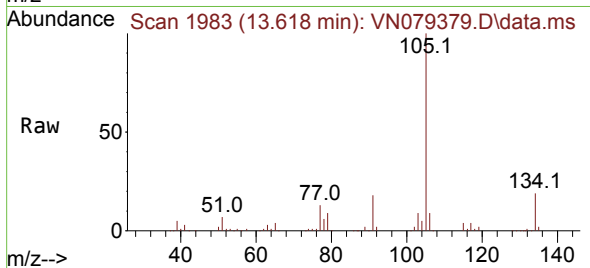




#85  
 sec-Butylbenzene  
 Concen: 17.782 ug/l  
 RT: 13.618 min Scan# 1983  
 Delta R.T. -0.005 min  
 Lab File: VN079379.D  
 Acq: 30 Sep 2023 12:10

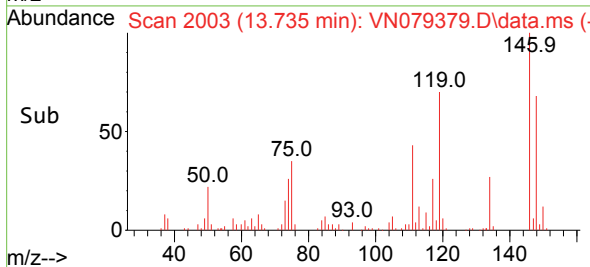
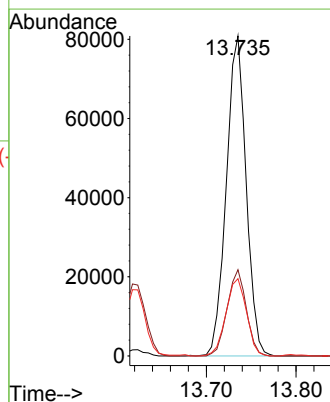
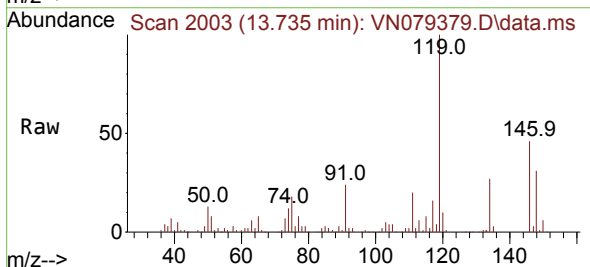
Instrument :  
 MSVOA\_N  
 ClientSampleId :

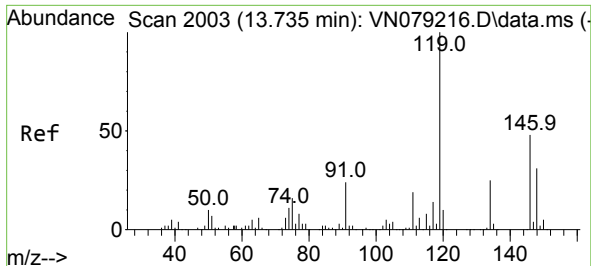
Tgt Ion:105 Resp: 159096  
 Ion Ratio Lower Upper  
 105 100  
 134 18.9 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 17.333 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.000 min  
 Lab File: VN079379.D  
 Acq: 30 Sep 2023 12:10

Tgt Ion:119 Resp: 123897  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 12.6 37.8  
 91 25.0 12.4 37.2

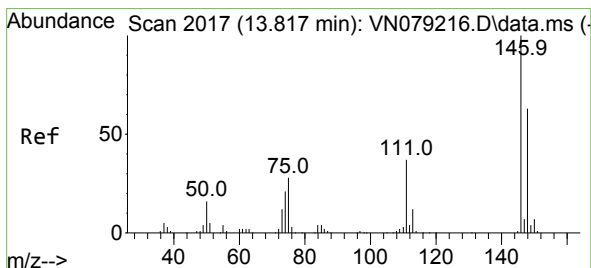
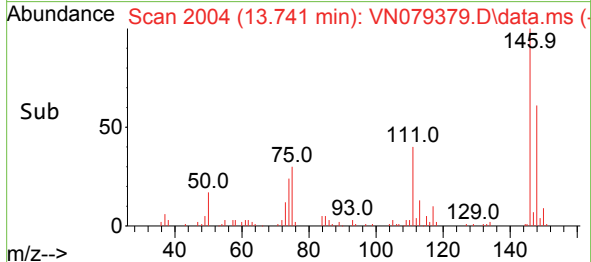
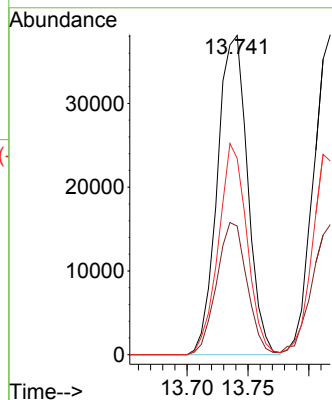
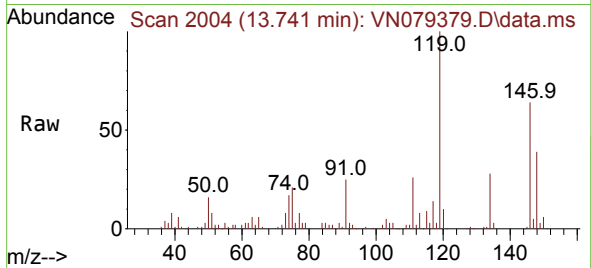




#87  
 1,3-Dichlorobenzene  
 Concen: 16.787 ug/l  
 RT: 13.741 min Scan# 2004  
 Delta R.T. 0.000 min  
 Lab File: VN079379.D  
 Acq: 30 Sep 2023 12:10

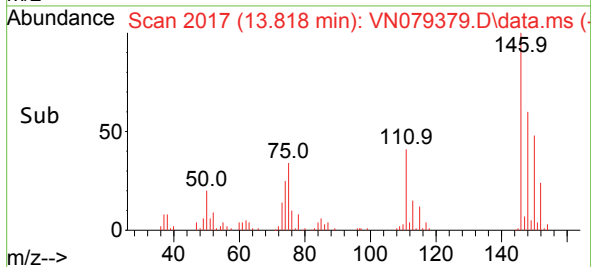
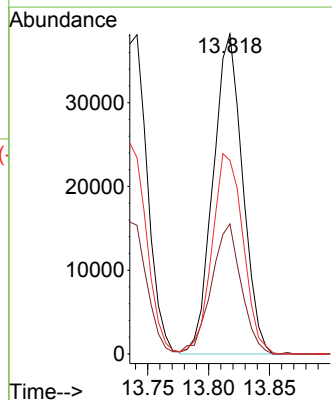
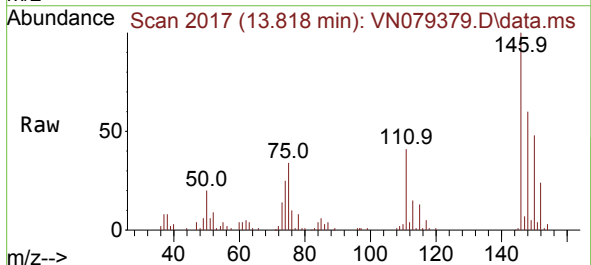
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion:146 Resp: 65734  
 Ion Ratio Lower Upper  
 146 100  
 111 41.7 22.1 66.3  
 148 62.6 32.0 96.0

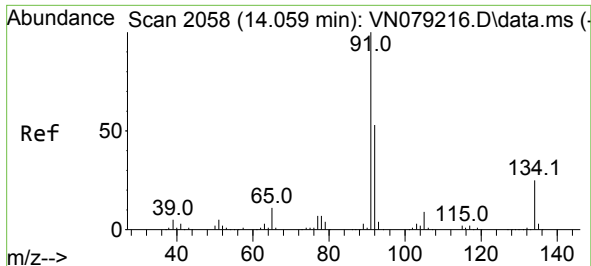


#88  
 1,4-Dichlorobenzene  
 Concen: 16.251 ug/l  
 RT: 13.818 min Scan# 2017  
 Delta R.T. -0.000 min  
 Lab File: VN079379.D  
 Acq: 30 Sep 2023 12:10

Tgt Ion:146 Resp: 64301  
 Ion Ratio Lower Upper  
 146 100  
 111 41.1 20.6 61.8  
 148 65.8 31.6 94.8



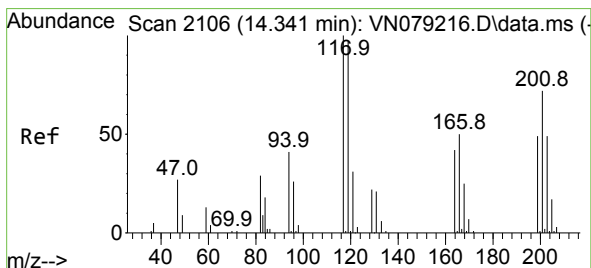
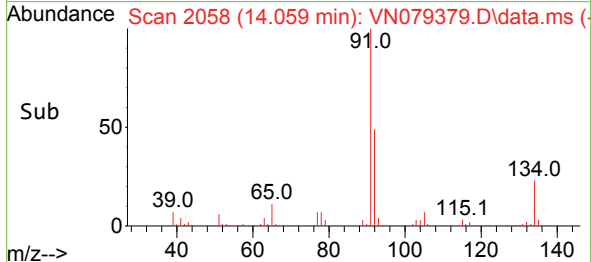
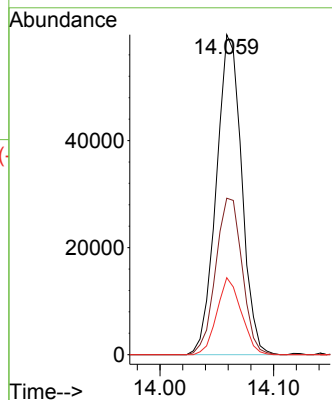
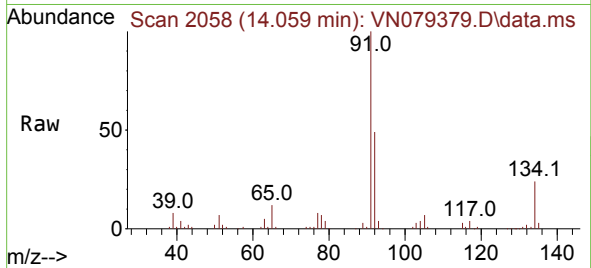




#89  
n-Butylbenzene  
Concen: 16.518 ug/l  
RT: 14.059 min Scan# 2058  
Delta R.T. -0.000 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

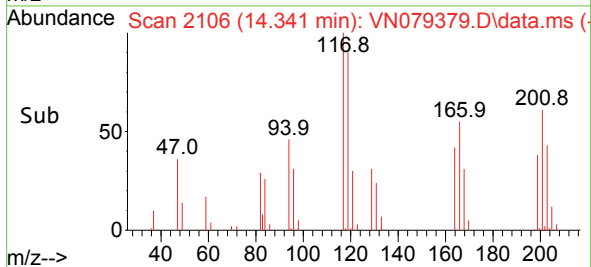
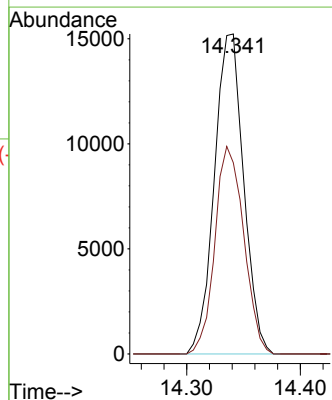
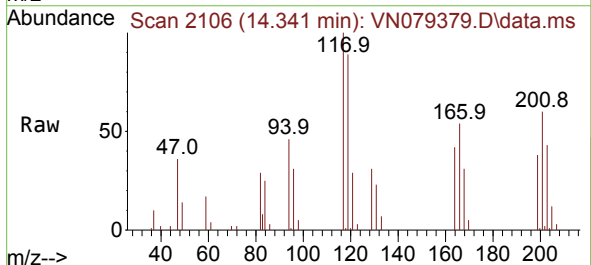
Instrument :  
MSVOA\_N  
ClientSampleId :

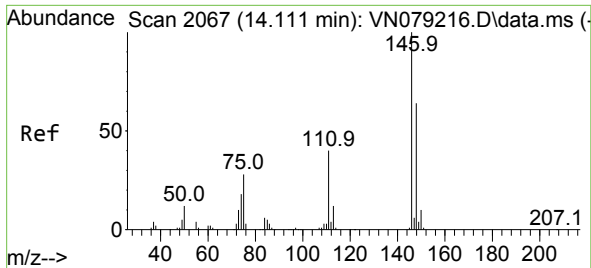
Tgt Ion: 91 Resp: 92850  
Ion Ratio Lower Upper  
91 100  
92 51.2 26.4 79.0  
134 23.1 12.6 37.6



#90  
Hexachloroethane  
Concen: 18.808 ug/l  
RT: 14.341 min Scan# 2106  
Delta R.T. 0.006 min  
Lab File: VN079379.D  
Acq: 30 Sep 2023 12:10

Tgt Ion: 117 Resp: 27301  
Ion Ratio Lower Upper  
117 100  
201 63.9 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 17.376 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

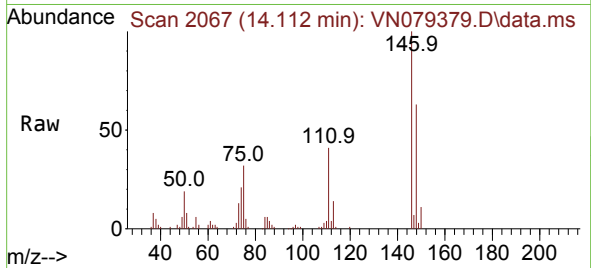
Lab File: VN079379.D

Acq: 30 Sep 2023 12:10

Instrument :

MSVOA\_N

ClientSampleId :



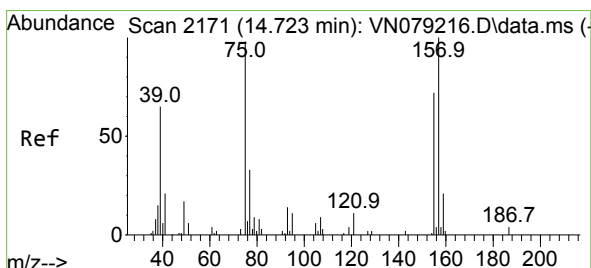
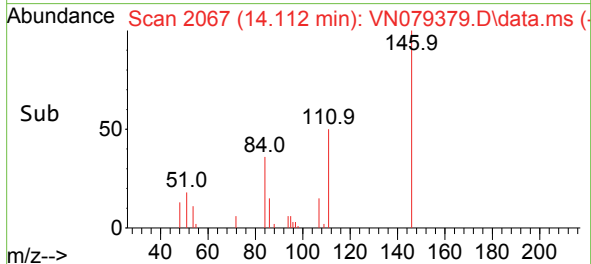
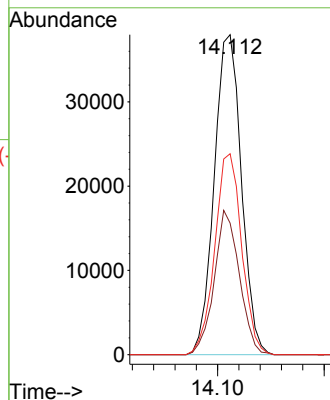
Tgt Ion:146 Resp: 67167

Ion Ratio Lower Upper

146 100

111 41.8 22.0 66.0

148 62.3 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.468 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN079379.D

Acq: 30 Sep 2023 12:10

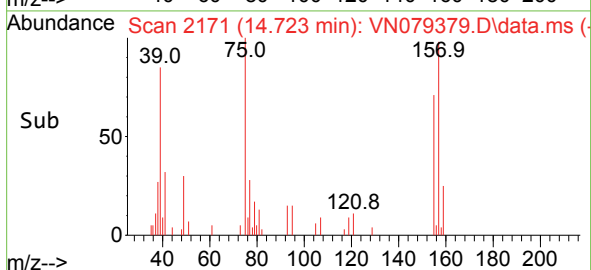
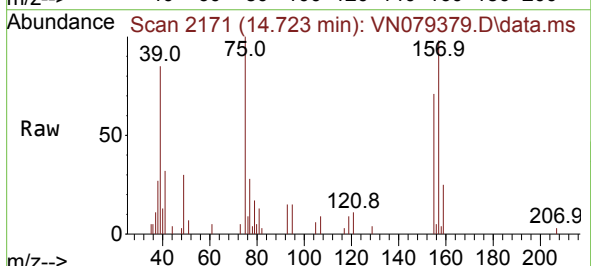
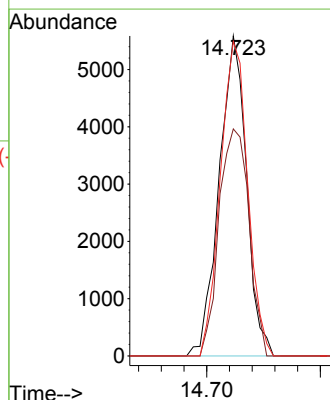
Tgt Ion: 75 Resp: 9323

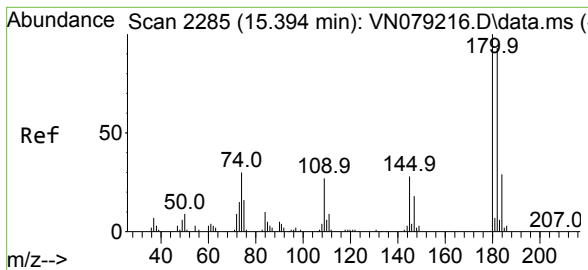
Ion Ratio Lower Upper

75 100

155 77.6 39.1 117.2

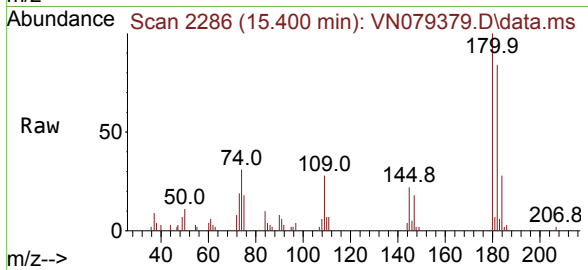
157 98.1 50.3 150.9



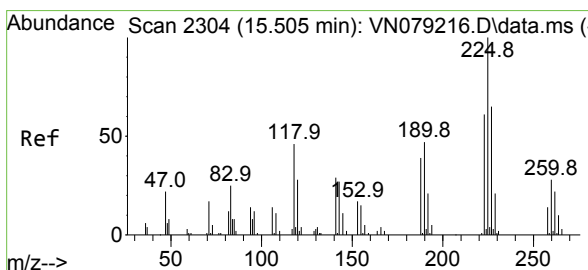
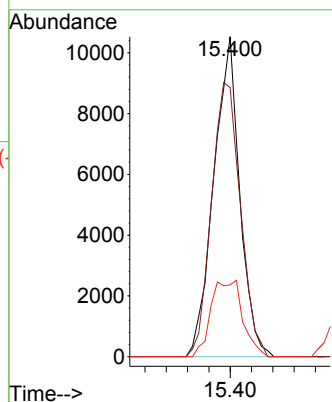
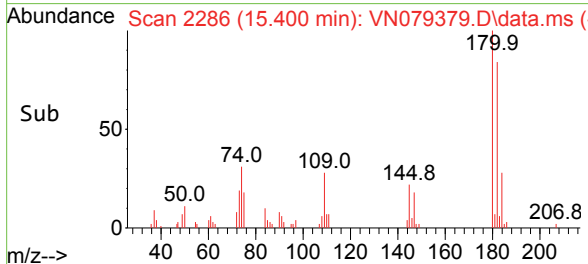


#93  
 1,2,4-Trichlorobenzene  
 Concen: 12.808 ug/l  
 RT: 15.400 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VN079379.D  
 Acq: 30 Sep 2023 12:10

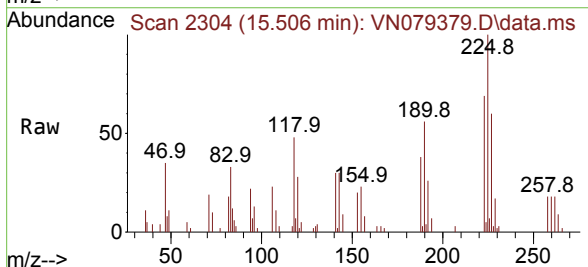
Instrument :  
 MSVOA\_N  
 ClientSampleId :



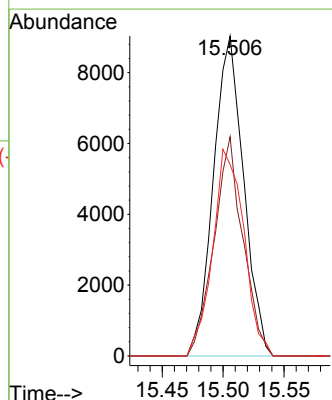
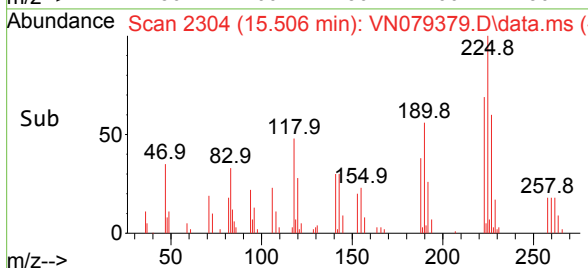
Tgt Ion:180 Resp: 17791  
 Ion Ratio Lower Upper  
 180 100  
 182 95.5 46.1 138.2  
 145 29.1 16.6 49.8

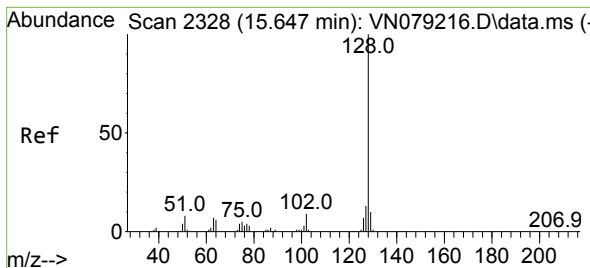


#94  
 Hexachlorobutadiene  
 Concen: 14.268 ug/l  
 RT: 15.506 min Scan# 2304  
 Delta R.T. -0.000 min  
 Lab File: VN079379.D  
 Acq: 30 Sep 2023 12:10



Tgt Ion:225 Resp: 15591  
 Ion Ratio Lower Upper  
 225 100  
 223 65.6 31.3 93.8  
 227 66.9 31.9 95.9





#95

Naphthalene

Concen: 10.987 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

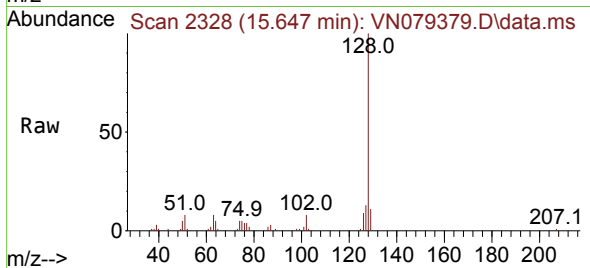
Lab File: VN079379.D

Acq: 30 Sep 2023 12:10

Instrument :

MSVOA\_N

ClientSampleId :



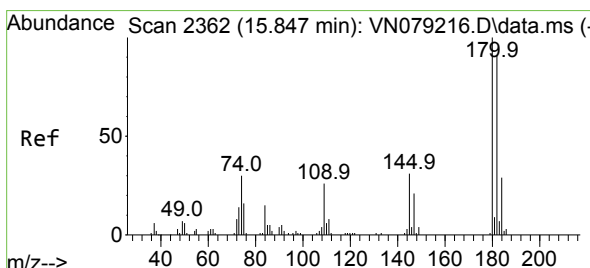
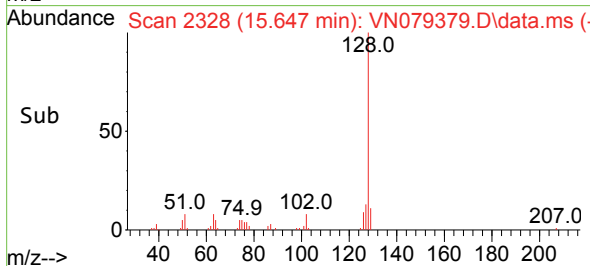
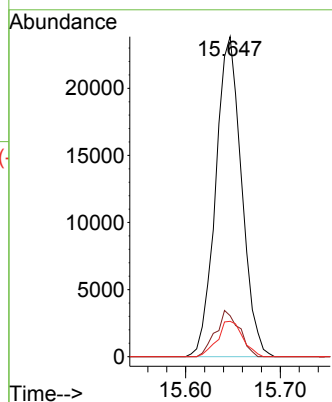
Tgt Ion:128 Resp: 45330

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 12.784 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN079379.D

Acq: 30 Sep 2023 12:10

Tgt Ion:180 Resp: 20948

Ion Ratio Lower Upper

180 100

182 95.3 46.2 138.6

145 32.7 17.5 52.6

