

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082523\  
 Data File : VN079045.D  
 Acq On : 25 Aug 2023 10:30  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Aug 25 23:00:59 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081523W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 16 02:42:02 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.230  | 168  | 228668   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 374741   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.871 | 117  | 342379   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.800 | 152  | 153388   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 159937   | 44.948   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 89.900%  |
| 35) Dibromofluoromethane    | 8.171  | 113   | 133916   | 53.087   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 106.180% |
| 50) Toluene-d8              | 10.571 | 98    | 468344   | 50.002   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 100.000% |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 165155   | 53.945   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 107.900% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 147437  | 46.468  | ug/l   | 99  |
| 3) Chloromethane             | 2.365 | 50  | 153167  | 34.575  | ug/l   | 97  |
| 4) Vinyl Chloride            | 2.512 | 62  | 164040  | 42.224  | ug/l   | 100 |
| 5) Bromomethane              | 2.936 | 94  | 92638   | 41.531  | ug/l   | 97  |
| 6) Chloroethane              | 3.112 | 64  | 110909  | 40.837  | ug/l   | 96  |
| 7) Trichlorofluoromethane    | 3.489 | 101 | 225590  | 47.674  | ug/l   | 95  |
| 8) Diethyl Ether             | 3.959 | 74  | 88125   | 49.125  | ug/l   | 60  |
| 9) 1,1,2-Trichlorotrifluo... | 4.371 | 101 | 121571  | 48.239  | ug/l   | 97  |
| 10) Methyl Iodide            | 4.589 | 142 | 154128  | 54.661  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 5.530 | 59  | 142866  | 239.273 | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 4.336 | 96  | 115058  | 46.868  | ug/l   | 85  |
| 13) Acrolein                 | 4.183 | 56  | 75955   | 231.980 | ug/l   | 95  |
| 14) Allyl chloride           | 5.024 | 41  | 212449  | 43.481  | ug/l # | 87  |
| 15) Acrylonitrile            | 5.724 | 53  | 381141  | 235.631 | ug/l   | 98  |
| 16) Acetone                  | 4.430 | 43  | 361856  | 246.463 | ug/l   | 93  |
| 17) Carbon Disulfide         | 4.712 | 76  | 295725  | 43.034  | ug/l   | 98  |
| 18) Methyl Acetate           | 5.030 | 43  | 289903  | 46.741  | ug/l # | 80  |
| 19) Methyl tert-butyl Ether  | 5.800 | 73  | 452824  | 51.206  | ug/l # | 91  |
| 20) Methylene Chloride       | 5.277 | 84  | 146438  | 46.803  | ug/l # | 77  |
| 21) trans-1,2-Dichloroethene | 5.789 | 96  | 128865  | 46.811  | ug/l # | 85  |
| 22) Diisopropyl ether        | 6.677 | 45  | 508658  | 49.210  | ug/l # | 88  |
| 23) Vinyl Acetate            | 6.612 | 43  | 1635327 | 240.279 | ug/l # | 85  |
| 24) 1,1-Dichloroethane       | 6.571 | 63  | 267628  | 47.395  | ug/l   | 99  |
| 25) 2-Butanone               | 7.488 | 43  | 552076  | 234.535 | ug/l # | 80  |
| 26) 2,2-Dichloropropane      | 7.494 | 77  | 219481  | 48.085  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.488 | 96  | 158991  | 47.517  | ug/l   | 83  |
| 28) Bromochloromethane       | 7.818 | 49  | 132454  | 44.218  | ug/l # | 77  |
| 29) Tetrahydrofuran          | 7.841 | 42  | 359737  | 230.890 | ug/l # | 72  |
| 30) Chloroform               | 7.971 | 83  | 270282  | 47.910  | ug/l   | 93  |
| 31) Cyclohexane              | 8.259 | 56  | 206588  | 46.362  | ug/l # | 84  |
| 32) 1,1,1-Trichloroethane    | 8.171 | 97  | 235364  | 48.930  | ug/l   | 96  |
| 36) 1,1-Dichloropropene      | 8.377 | 75  | 197476  | 52.042  | ug/l   | 95  |
| 37) Ethyl Acetate            | 7.565 | 43  | 220004  | 51.820  | ug/l # | 88  |
| 38) Carbon Tetrachloride     | 8.365 | 117 | 204917  | 53.896  | ug/l   | 96  |
| 39) Methylcyclohexane        | 9.606 | 83  | 185818  | 53.245  | ug/l   | 90  |
| 40) Benzene                  | 8.612 | 78  | 581804  | 51.873  | ug/l   | 100 |

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 Acq On : 25 Aug 2023 10:30  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Aug 25 23:00:59 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081523W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 16 02:42:02 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.783  | 41   | 126187   | 54.572   | ug/l # | 80       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 221381   | 52.832   | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 382434   | 50.964   | ug/l # | 88       |
| 44) Trichloroethene           | 9.359  | 130  | 150596   | 56.509   | ug/l   | 90       |
| 45) 1,2-Dichloropropane       | 9.629  | 63   | 156319   | 52.348   | ug/l   | 94       |
| 46) Dibromomethane            | 9.712  | 93   | 107411   | 52.442   | ug/l   | 92       |
| 47) Bromodichloromethane      | 9.894  | 83   | 214563   | 53.051   | ug/l   | 90       |
| 48) Methyl methacrylate       | 9.688  | 41   | 177855   | 52.303   | ug/l # | 79       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 63701    | 1099.813 | ug/l # | 84       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 1141213  | 256.414  | ug/l # | 85       |
| 52) Toluene                   | 10.635 | 92   | 360797   | 52.395   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 243807   | 56.212   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 254787   | 53.937   | ug/l # | 83       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 150247   | 54.416   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 235708   | 55.071   | ug/l # | 72       |
| 57) 1,3-Dichloropropane       | 11.171 | 76   | 260521   | 52.753   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 447558   | 217.839  | ug/l   | 90       |
| 59) 2-Hexanone                | 11.200 | 43   | 824063   | 255.633  | ug/l   | 84       |
| 60) Dibromochloromethane      | 11.365 | 129  | 165307   | 56.894   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 153143   | 54.580   | ug/l   | 97       |
| 64) Tetrachloroethene         | 11.112 | 164  | 118435   | 55.160   | ug/l   | 96       |
| 65) Chlorobenzene             | 11.894 | 112  | 390845   | 53.628   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 149215   | 54.177   | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.970 | 91   | 690767   | 52.120   | ug/l   | 96       |
| 68) m/p-Xylenes               | 12.076 | 106  | 528037   | 106.562  | ug/l   | 99       |
| 69) o-Xylene                  | 12.400 | 106  | 261719   | 54.295   | ug/l   | 97       |
| 70) Styrene                   | 12.418 | 104  | 428120   | 53.265   | ug/l   | 97       |
| 71) Bromoform                 | 12.582 | 173  | 116240   | 58.052   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.700 | 105  | 646359   | 50.537   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.500 | 43   | 317331   | 49.154   | ug/l # | 85       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 221312   | 47.923   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 274250   | 74.204   | ug/l   | 68       |
| 77) Bromobenzene              | 12.982 | 156  | 160033   | 52.056   | ug/l   | 99       |
| 78) n-propylbenzene           | 13.041 | 91   | 745915   | 50.294   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 452456   | 49.180   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 527462   | 52.041   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 73348    | 50.697   | ug/l   | 88       |
| 82) 4-Chlorotoluene           | 13.229 | 91   | 446628   | 49.615   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 455491   | 53.487   | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.488 | 105  | 518516   | 51.666   | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 607101   | 51.803   | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 505004   | 53.934   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 274188   | 51.831   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.817 | 146  | 270168   | 51.025   | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.059 | 91   | 410545   | 53.279   | ug/l   | 98       |
| 90) Hexachloroethane          | 14.335 | 117  | 93397    | 49.760   | ug/l   | 86       |
| 91) 1,2-Dichlorobenzene       | 14.112 | 146  | 275608   | 52.389   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 40238    | 52.945   | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.400 | 180  | 111439   | 59.754   | ug/l   | 95       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 54807    | 58.072   | ug/l   | 100      |
| 95) Naphthalene               | 15.647 | 128  | 345551   | 48.943   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 113715   | 55.671   | ug/l   | 96       |

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Data File : VN079045.D  
Acq On : 25 Aug 2023 10:30  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 2 Sample Multiplier: 1

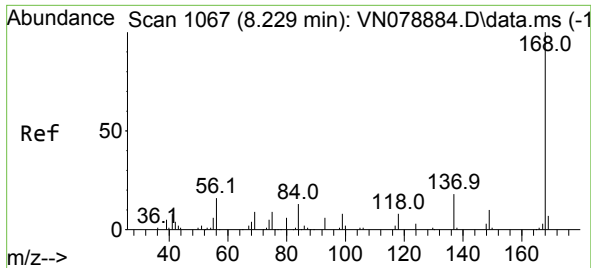
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Aug 25 23:00:59 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081523W.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 16 02:42:02 2023  
Response via : Initial Calibration

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

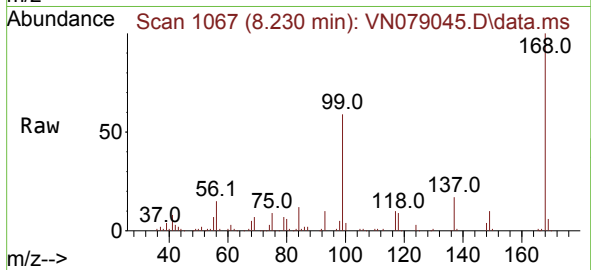
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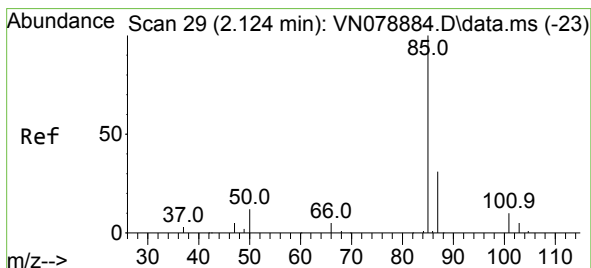
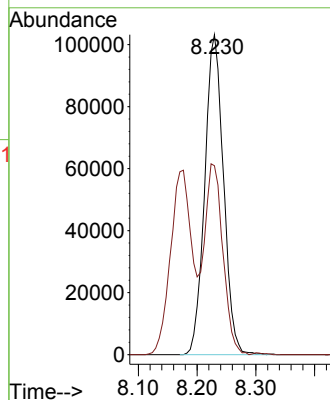
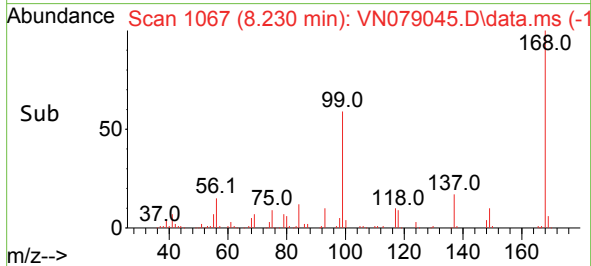


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

Instrument :  
MSVOA\_N  
ClientSampleId :

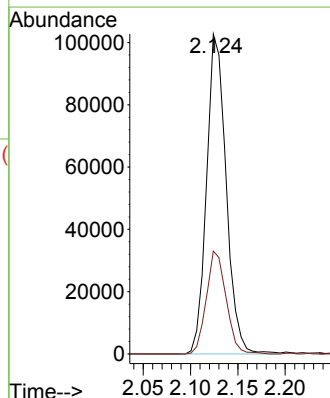
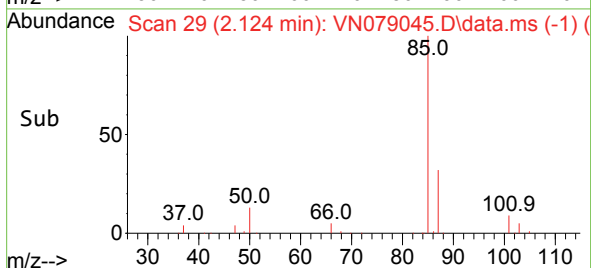
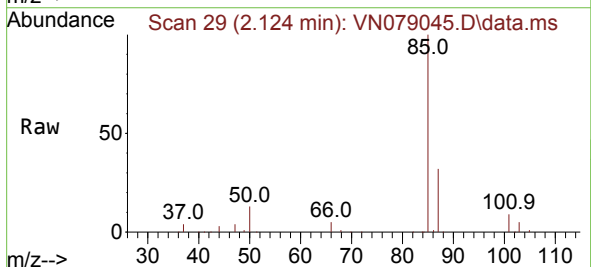


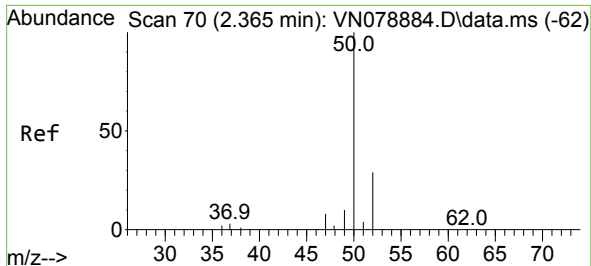
Tgt Ion:168 Resp: 228668  
Ion Ratio Lower Upper  
168 100  
99 59.0 53.0 79.6



#2  
Dichlorodifluoromethane  
Concen: 46.468 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.012 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

Tgt Ion: 85 Resp: 147437  
Ion Ratio Lower Upper  
85 100  
87 32.2 15.8 47.4





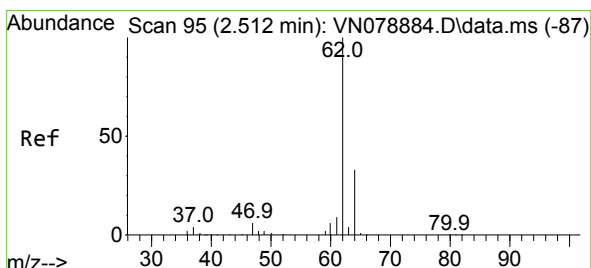
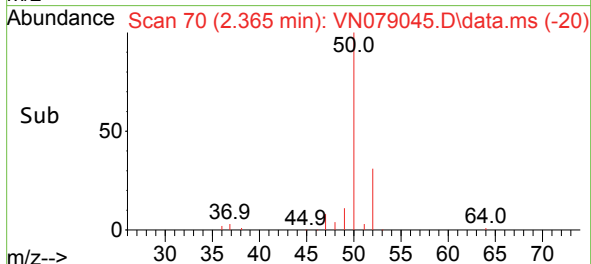
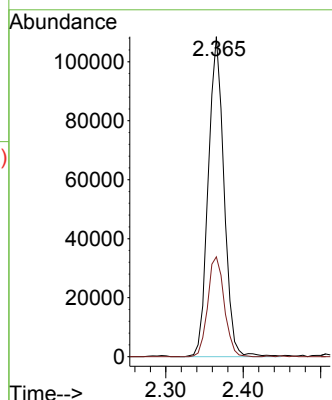
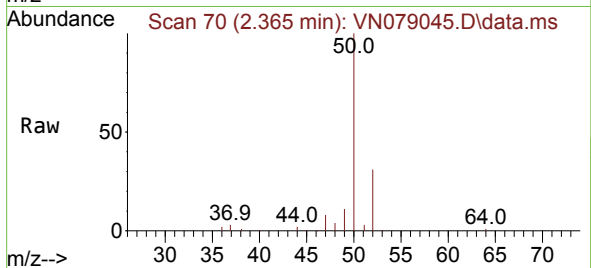
#3  
 Chloromethane  
 Concen: 34.575 ug/l  
 RT: 2.365 min Scan# 70  
 Delta R.T. -0.006 min  
 Lab File: VN079045.D  
 Acq: 25 Aug 2023 10:30

Instrument :

MSVOA\_N

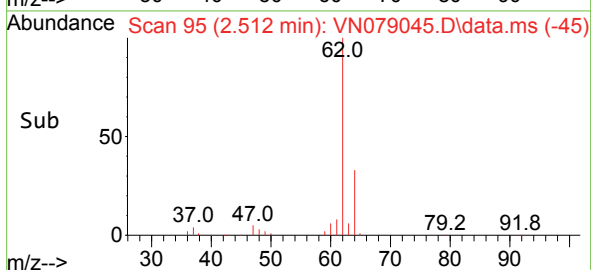
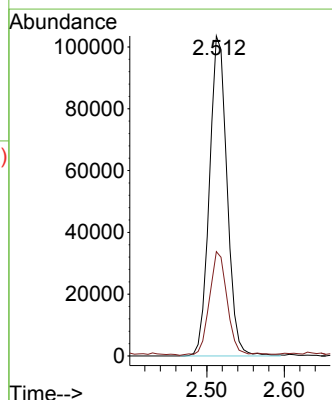
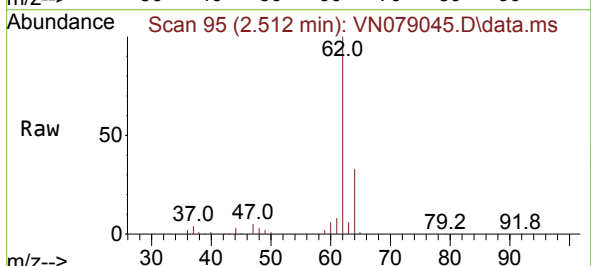
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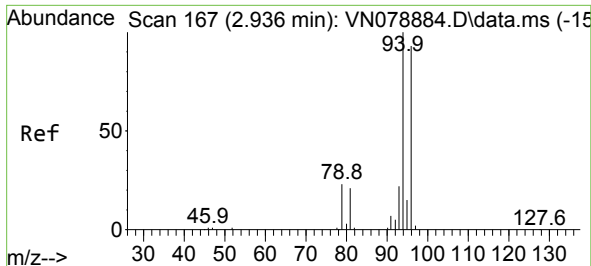
Tgt Ion: 50 Resp: 153167  
 Ion Ratio Lower Upper  
 50 100  
 52 31.2 26.5 39.7



#4  
 Vinyl Chloride  
 Concen: 42.224 ug/l  
 RT: 2.512 min Scan# 95  
 Delta R.T. -0.006 min  
 Lab File: VN079045.D  
 Acq: 25 Aug 2023 10:30

Tgt Ion: 62 Resp: 164040  
 Ion Ratio Lower Upper  
 62 100  
 64 32.4 26.2 39.2

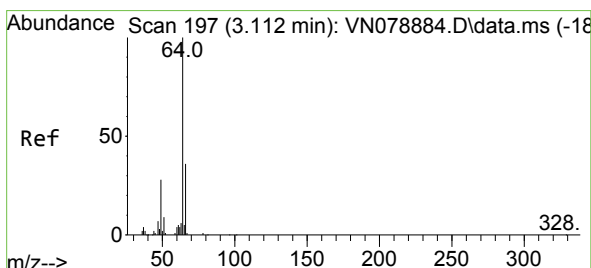
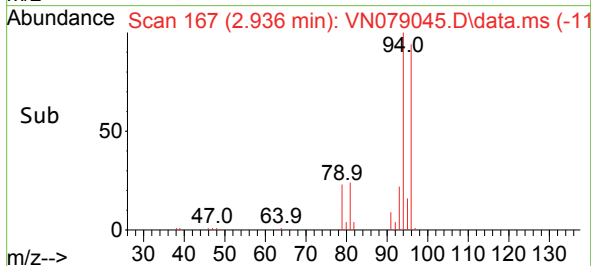
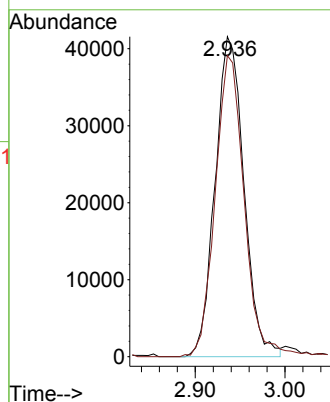
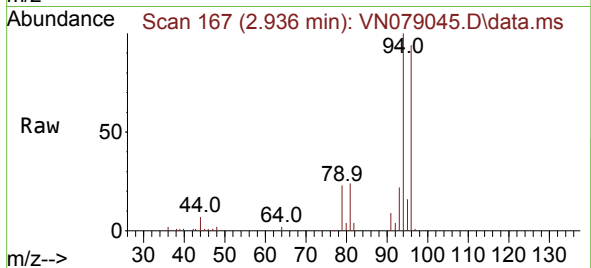




#5  
Bromomethane  
Concen: 41.531 ug/l  
RT: 2.936 min Scan# 167  
Delta R.T. -0.012 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

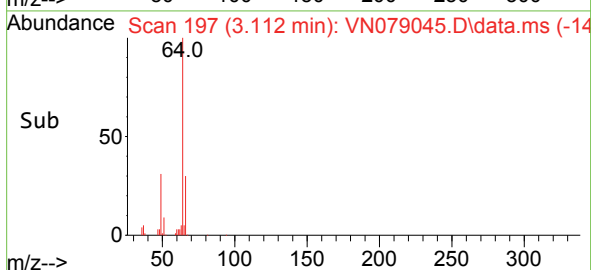
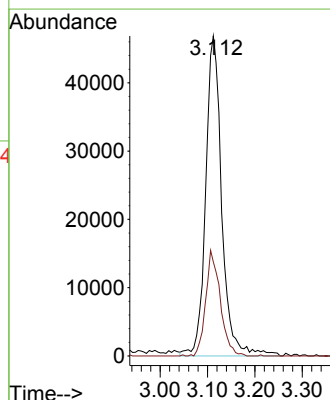
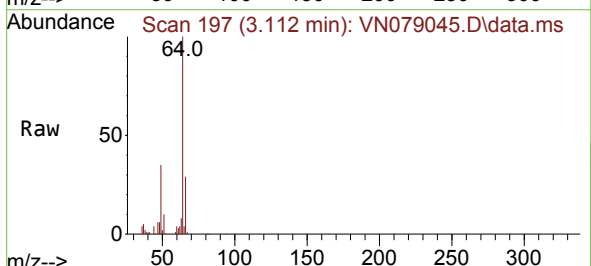
Instrument :  
MSVOA\_N  
ClientSampleId :

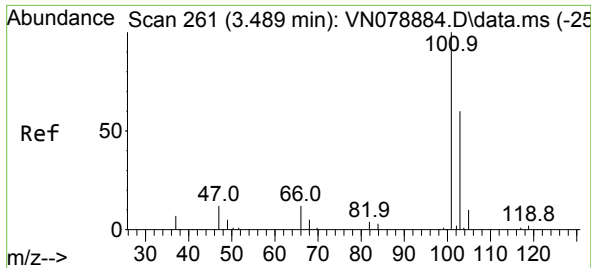
Tgt Ion: 94 Resp: 92638  
Ion Ratio Lower Upper  
94 100  
96 94.1 73.1 109.7



#6  
Chloroethane  
Concen: 40.837 ug/l  
RT: 3.112 min Scan# 197  
Delta R.T. -0.006 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

Tgt Ion: 64 Resp: 110909  
Ion Ratio Lower Upper  
64 100  
66 29.4 25.4 38.2

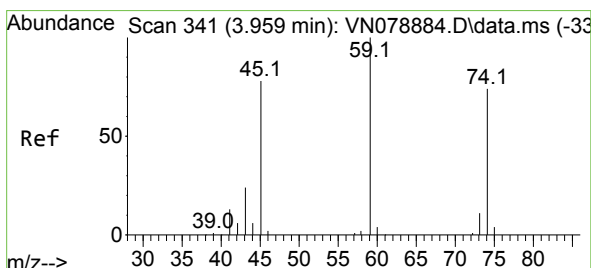
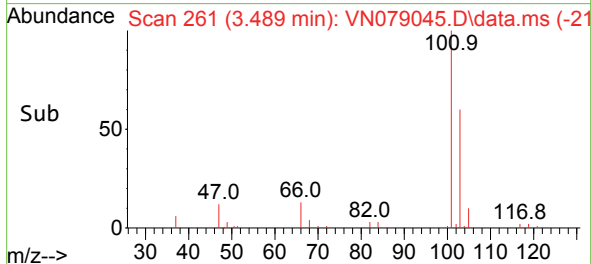
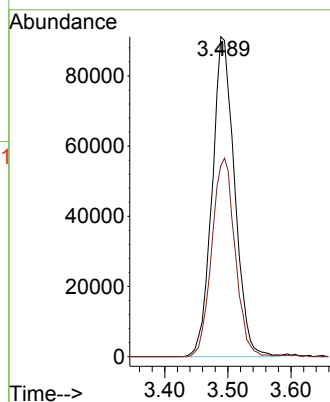
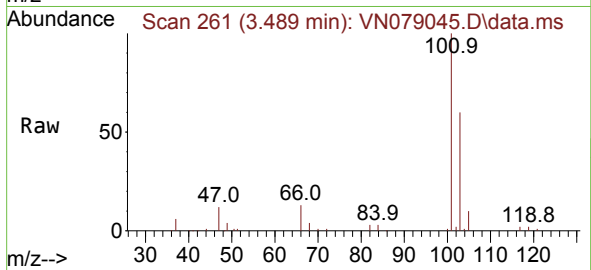




#7  
 Trichlorofluoromethane  
 Concen: 47.674 ug/l  
 RT: 3.489 min Scan# 261  
 Delta R.T. -0.012 min  
 Lab File: VN079045.D  
 Acq: 25 Aug 2023 10:30

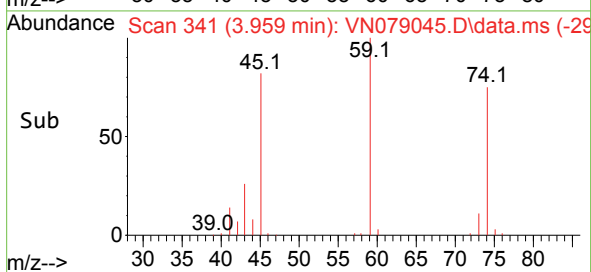
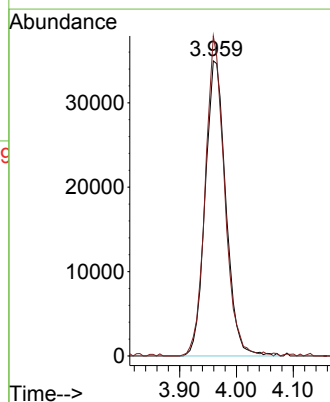
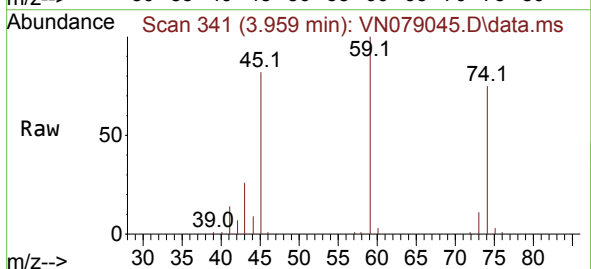
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion:101 Resp: 225590  
 Ion Ratio Lower Upper  
 101 100  
 103 59.7 50.7 76.1

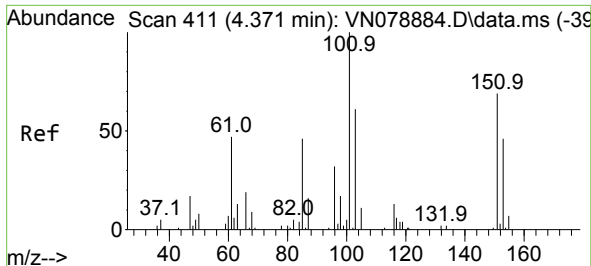


#8  
 Diethyl Ether  
 Concen: 49.125 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. -0.012 min  
 Lab File: VN079045.D  
 Acq: 25 Aug 2023 10:30

Tgt Ion: 74 Resp: 88125  
 Ion Ratio Lower Upper  
 74 100  
 45 101.3 34.4 103.3



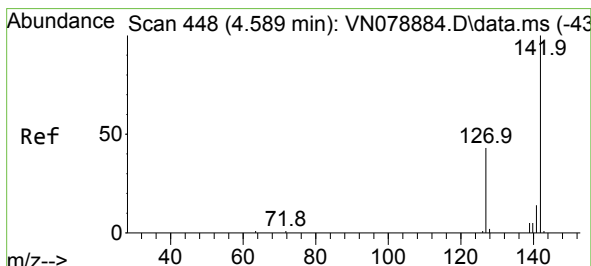
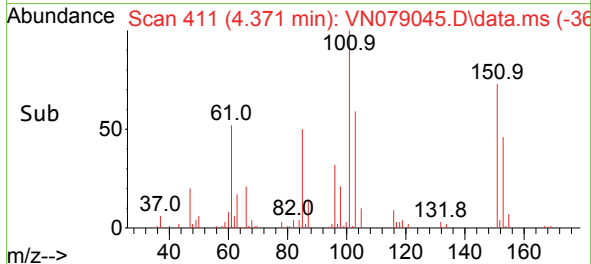
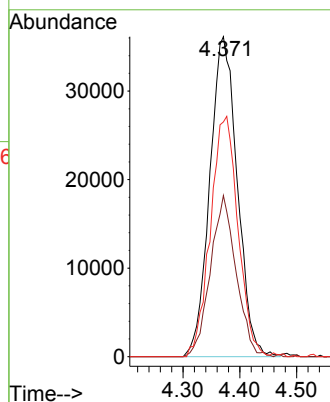
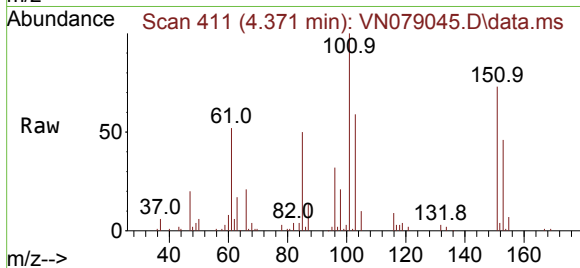




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.239 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. -0.006 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

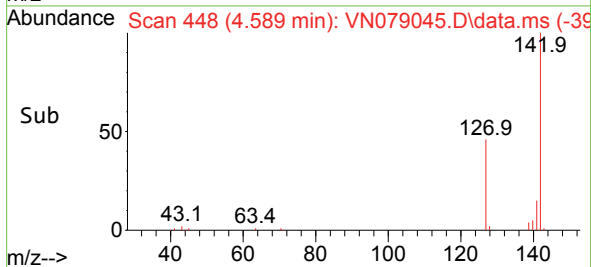
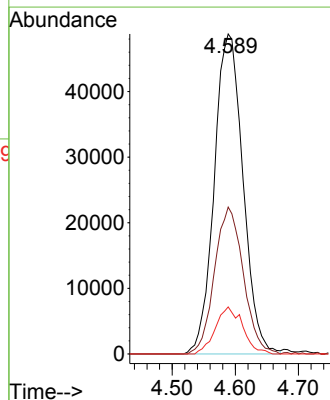
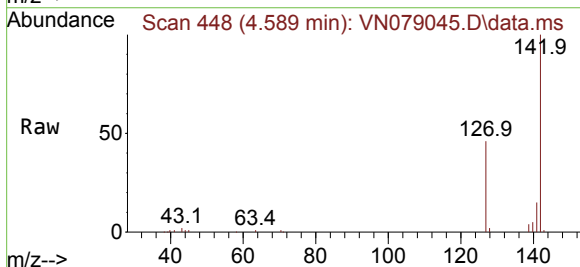
Instrument :  
MSVOA\_N  
ClientSampleId :

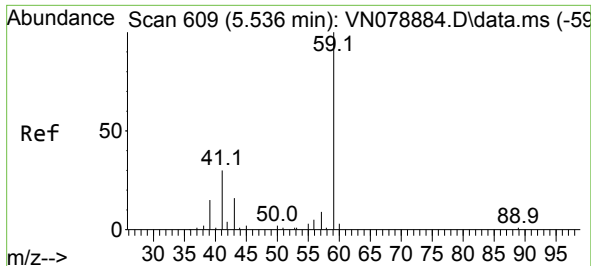
Tgt Ion:101 Resp: 121571  
Ion Ratio Lower Upper  
101 100  
85 47.0 36.6 55.0  
151 75.2 57.6 86.4



#10  
Methyl Iodide  
Concen: 54.661 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. -0.011 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

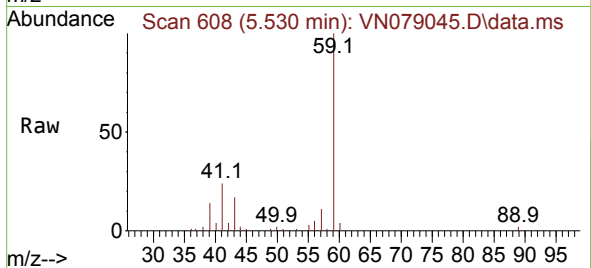
Tgt Ion:142 Resp: 154128  
Ion Ratio Lower Upper  
142 100  
127 45.9 37.6 56.4  
141 14.7 11.4 17.0



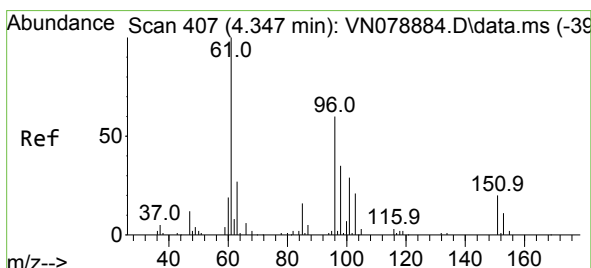
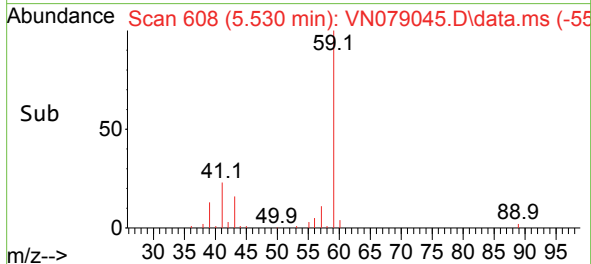
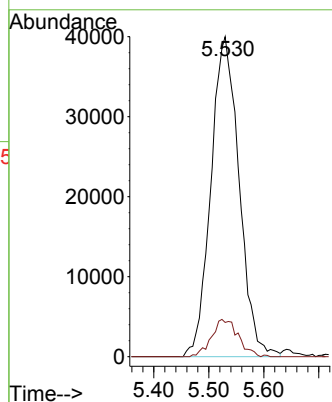


#11  
Tert butyl alcohol  
Concen: 239.273 ug/l  
RT: 5.530 min Scan# 609  
Delta R.T. -0.012 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

Instrument :  
MSVOA\_N  
ClientSampleId :

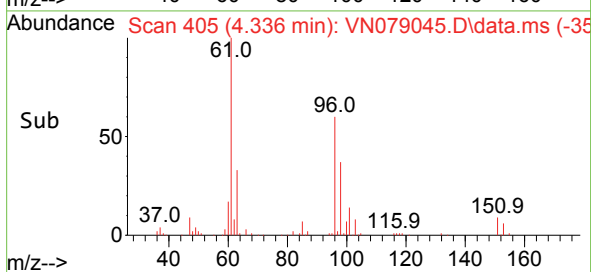
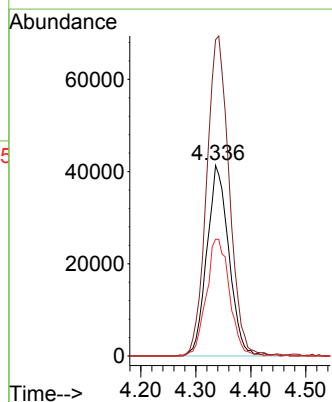
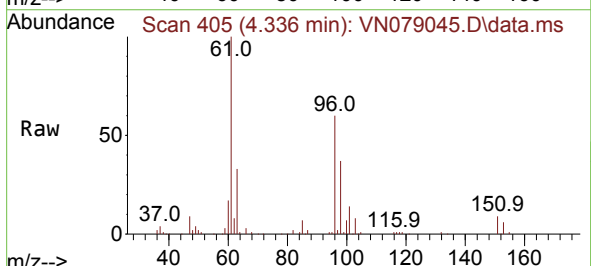


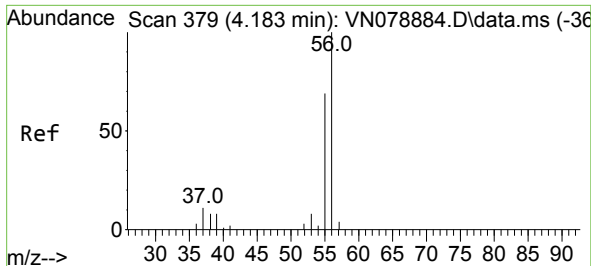
Tgt Ion: 59 Resp: 142866  
Ion Ratio Lower Upper  
59 100  
57 11.0 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 46.868 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. -0.012 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

Tgt Ion: 96 Resp: 115058  
Ion Ratio Lower Upper  
96 100  
61 165.3 112.7 169.1  
98 61.2 51.2 76.8

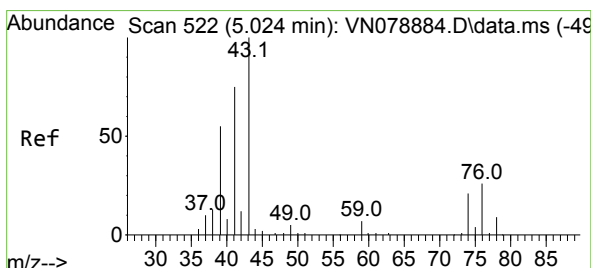
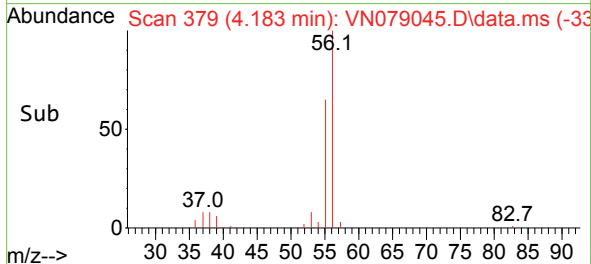
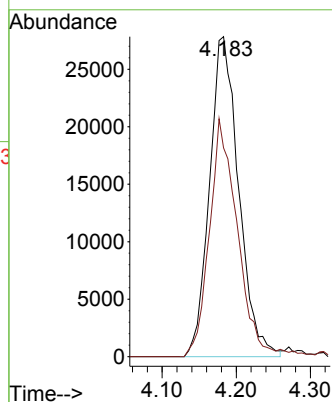
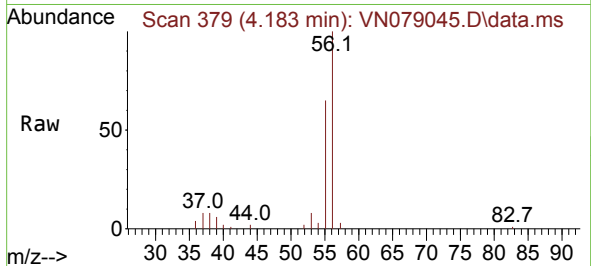




#13  
Acrolein  
Concen: 231.980 ug/l  
RT: 4.183 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

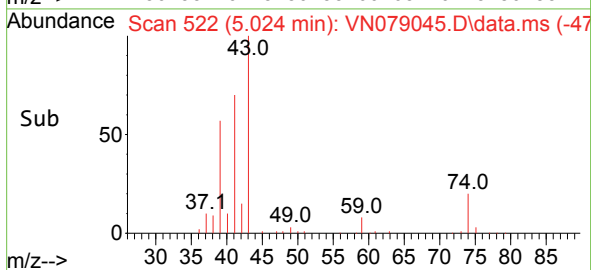
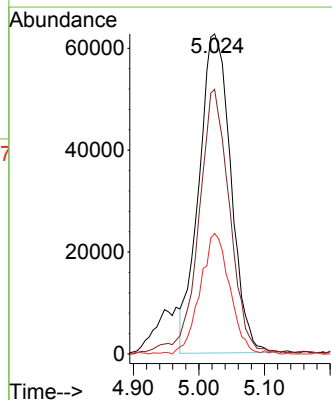
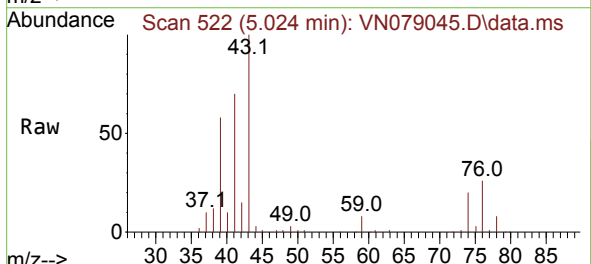
Instrument :  
MSVOA\_N  
ClientSampleId :

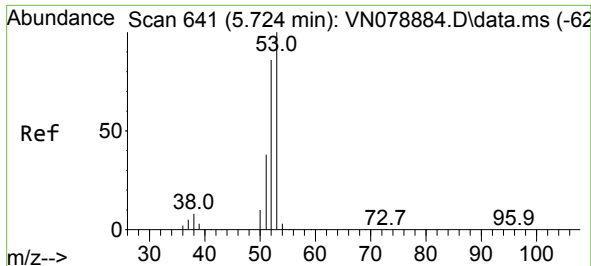
Tgt Ion: 56 Resp: 75955  
Ion Ratio Lower Upper  
56 100  
55 71.9 54.5 81.7



#14  
Allyl chloride  
Concen: 43.481 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. -0.006 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

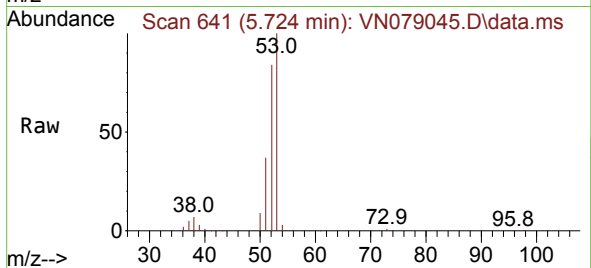
Tgt Ion: 41 Resp: 212449  
Ion Ratio Lower Upper  
41 100  
39 80.8 58.8 88.2  
76 35.1 39.1 58.7#



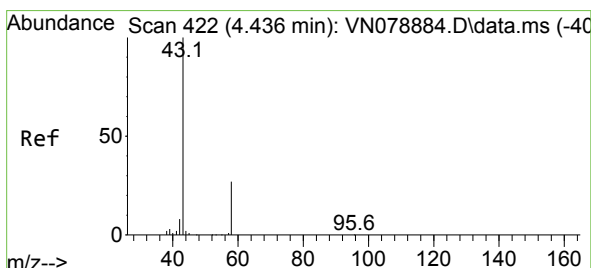
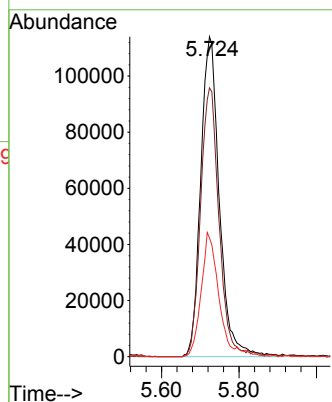
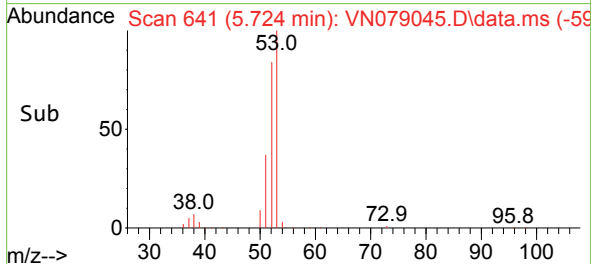


#15  
Acrylonitrile  
Concen: 235.631 ug/l  
RT: 5.724 min Scan# 641  
Delta R.T. -0.006 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

Instrument :  
MSVOA\_N  
ClientSampleId :

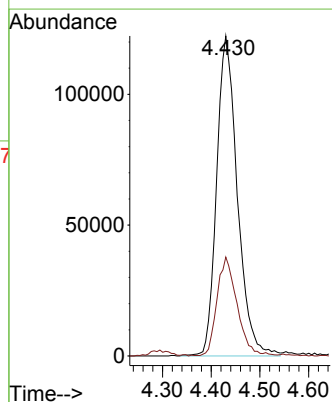
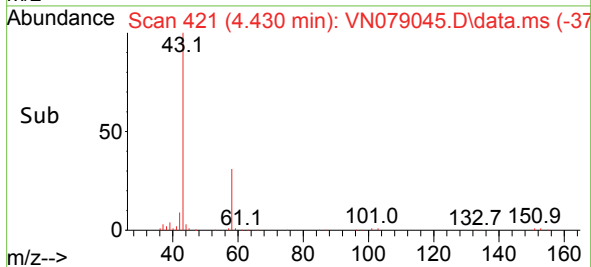
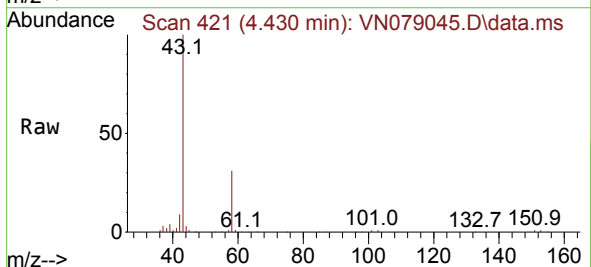


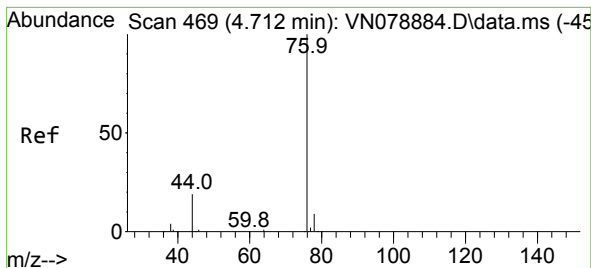
Tgt Ion: 53 Resp: 381141  
Ion Ratio Lower Upper  
53 100  
52 83.0 65.3 97.9  
51 37.2 28.9 43.3



#16  
Acetone  
Concen: 246.463 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. -0.012 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

Tgt Ion: 43 Resp: 361856  
Ion Ratio Lower Upper  
43 100  
58 30.7 28.0 42.0





#17

Carbon Disulfide

Concen: 43.034 ug/l

RT: 4.712 min Scan# 4

Delta R.T. -0.012 min

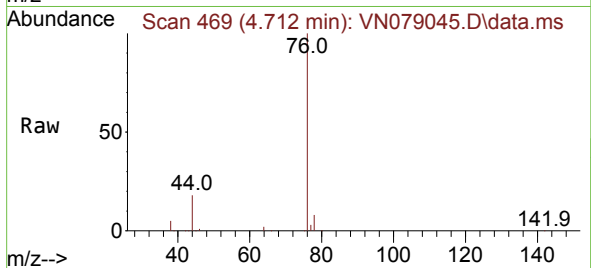
Lab File: VN079045.D

Acq: 25 Aug 2023 10:30

Instrument :

MSVOA\_N

ClientSampleId :

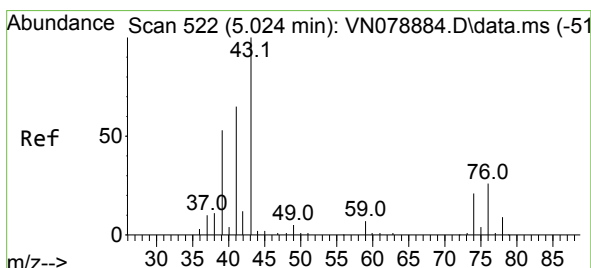
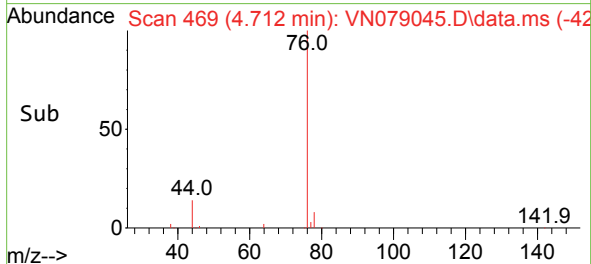
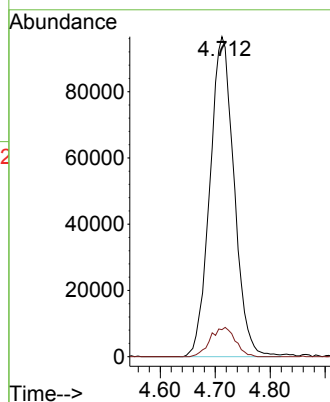


Tgt Ion: 76 Resp: 295725

Ion Ratio Lower Upper

76 100

78 8.4 7.4 11.0



#18

Methyl Acetate

Concen: 46.741 ug/l

RT: 5.030 min Scan# 523

Delta R.T. -0.012 min

Lab File: VN079045.D

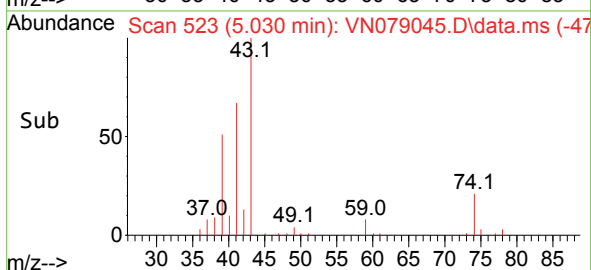
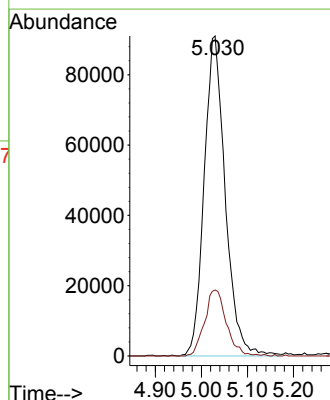
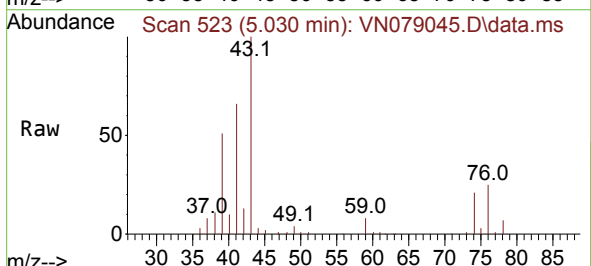
Acq: 25 Aug 2023 10:30

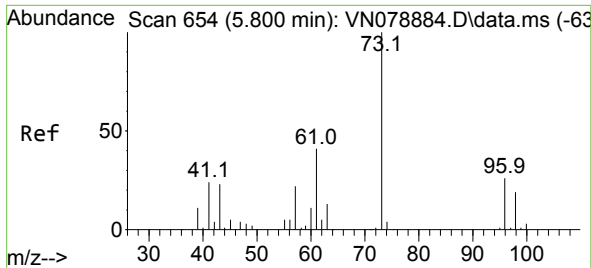
Tgt Ion: 43 Resp: 289903

Ion Ratio Lower Upper

43 100

74 21.3 26.2 39.4#

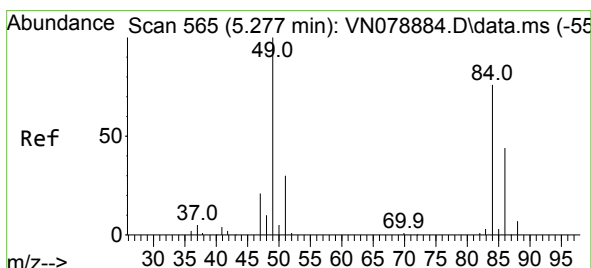
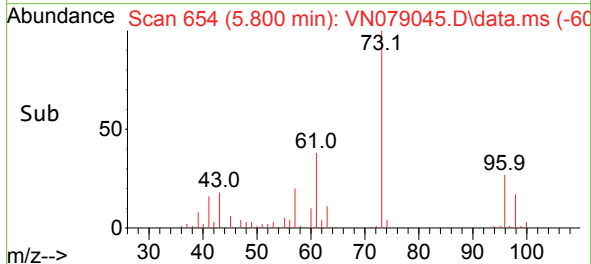
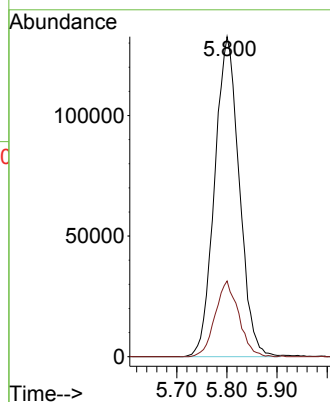
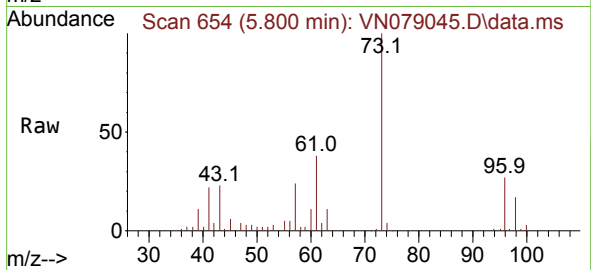




#19  
Methyl tert-butyl Ether  
Concen: 51.206 ug/l  
RT: 5.800 min Scan# 61  
Delta R.T. -0.018 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

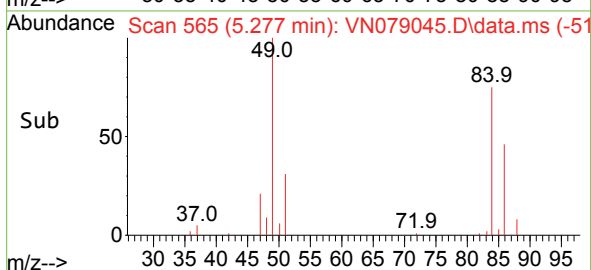
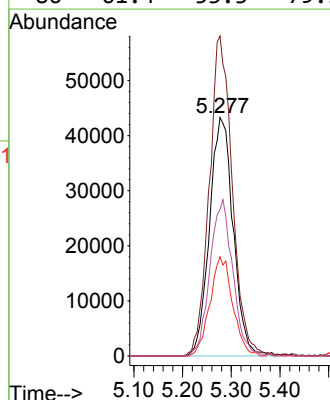
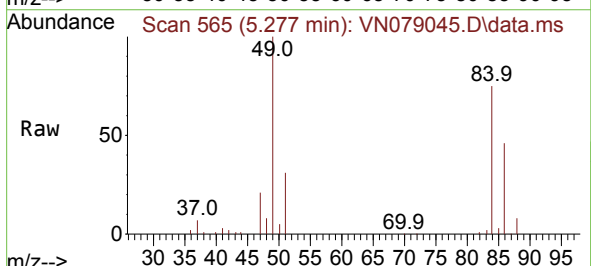
Instrument :  
MSVOA\_N  
ClientSampleId :

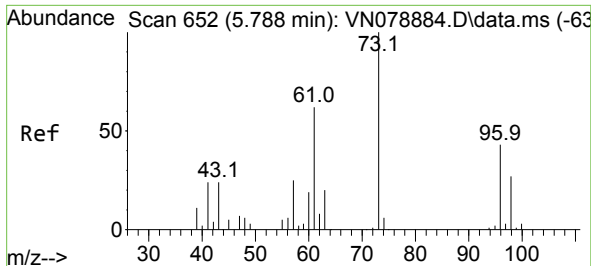
Tgt Ion: 73 Resp: 452824  
Ion Ratio Lower Upper  
73 100  
57 23.6 15.6 23.4#



#20  
Methylene Chloride  
Concen: 46.803 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. -0.006 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

Tgt Ion: 84 Resp: 146438  
Ion Ratio Lower Upper  
84 100  
49 134.2 79.7 119.5#  
51 41.5 25.2 37.8#  
86 61.4 53.3 79.9

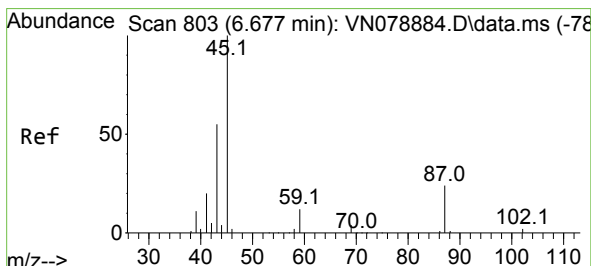
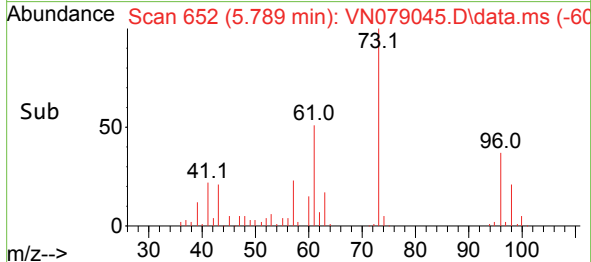
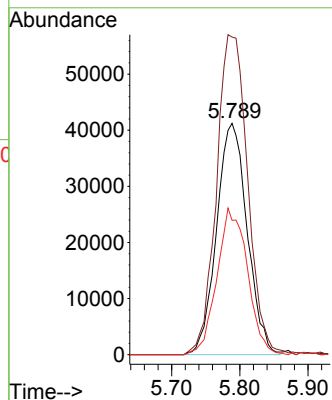
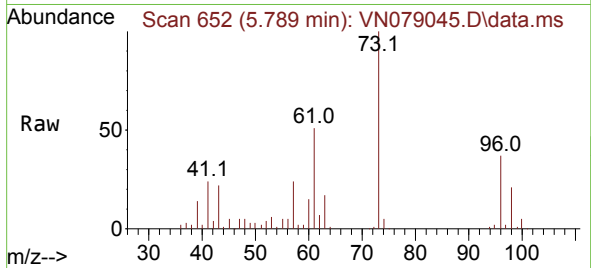




#21  
trans-1,2-Dichloroethene  
Concen: 46.811 ug/l  
RT: 5.789 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

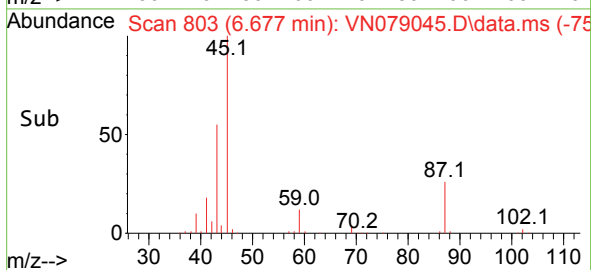
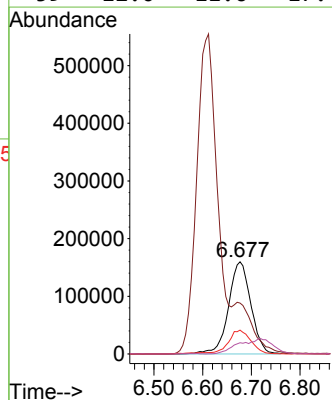
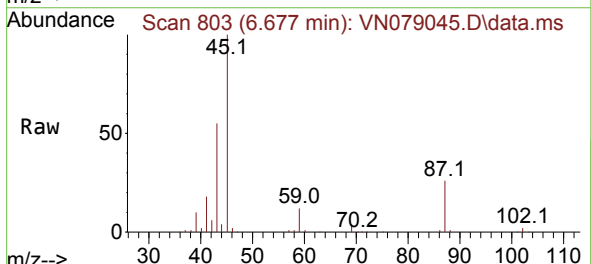
Instrument :  
MSVOA\_N  
ClientSampleId :

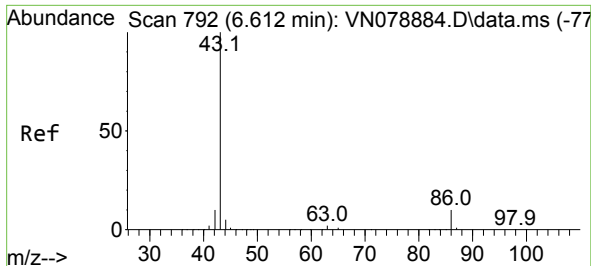
Tgt Ion: 96 Resp: 128865  
Ion Ratio Lower Upper  
96 100  
61 137.3 90.1 135.1#  
98 58.1 46.4 69.6



#22  
Diisopropyl ether  
Concen: 49.210 ug/l  
RT: 6.677 min Scan# 803  
Delta R.T. -0.012 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

Tgt Ion: 45 Resp: 508658  
Ion Ratio Lower Upper  
45 100  
43 52.7 45.5 68.3  
87 25.7 31.8 47.8#  
59 12.0 11.6 17.4

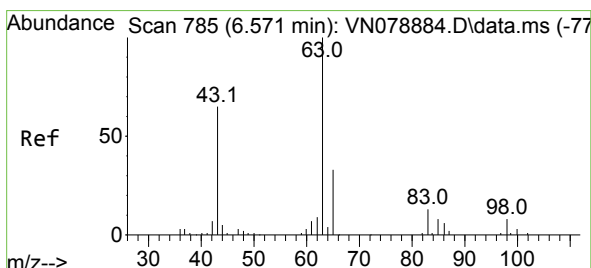
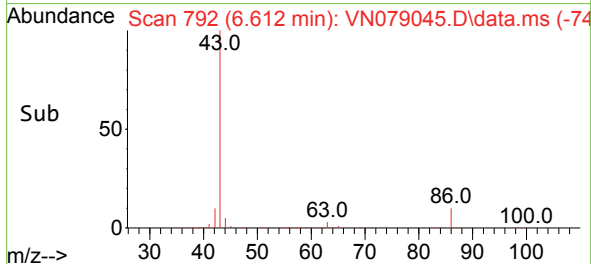
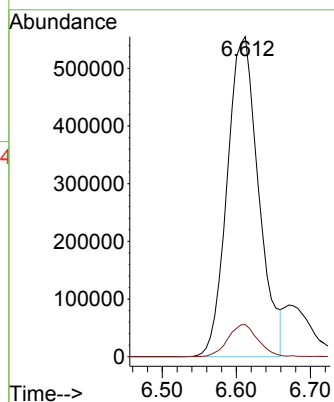
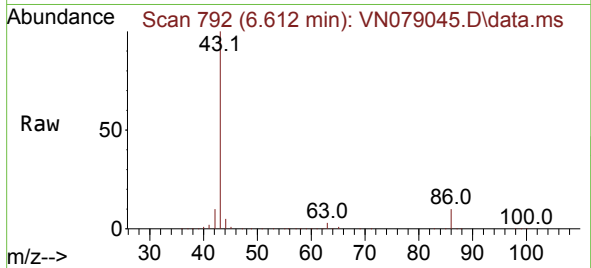




#23  
 Vinyl Acetate  
 Concen: 240.279 ug/l  
 RT: 6.612 min Scan# 792  
 Delta R.T. 0.000 min  
 Lab File: VN079045.D  
 Acq: 25 Aug 2023 10:30

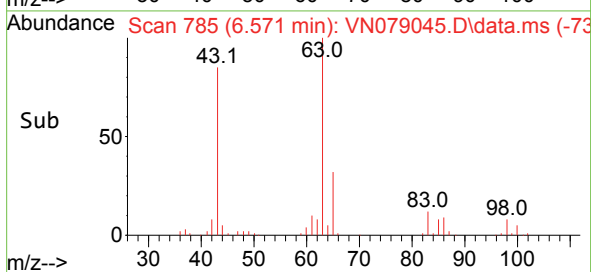
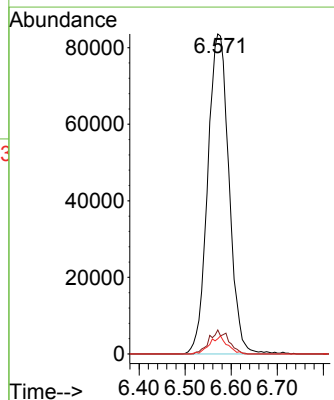
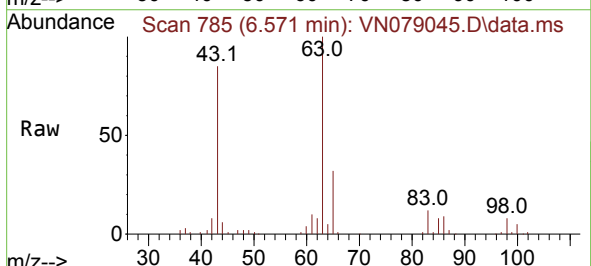
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion: 43 Resp: 1635327  
 Ion Ratio Lower Upper  
 43 100  
 86 10.0 13.0 19.6#

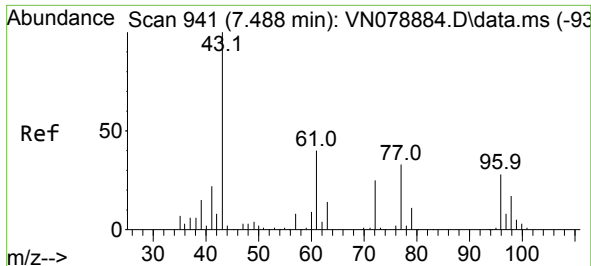


#24  
 1,1-Dichloroethane  
 Concen: 47.395 ug/l  
 RT: 6.571 min Scan# 785  
 Delta R.T. -0.006 min  
 Lab File: VN079045.D  
 Acq: 25 Aug 2023 10:30

Tgt Ion: 63 Resp: 267628  
 Ion Ratio Lower Upper  
 63 100  
 98 7.5 3.9 11.7  
 100 4.7 2.5 7.4



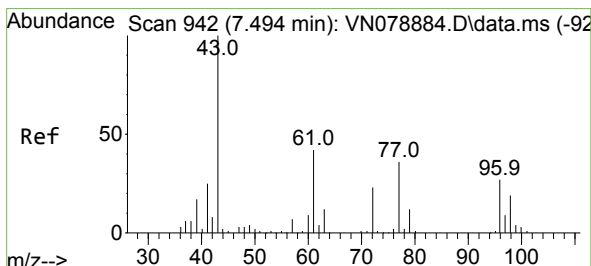
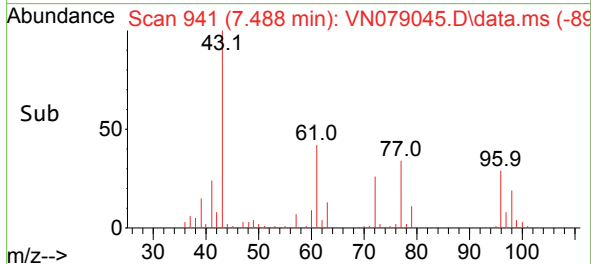
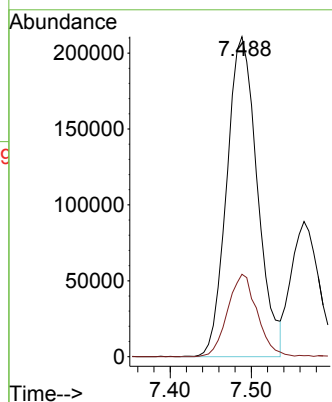
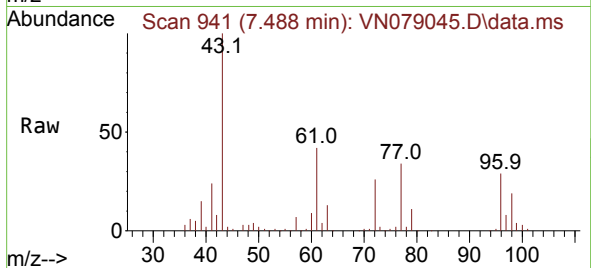




#25  
2-Butanone  
Concen: 234.535 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. -0.006 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

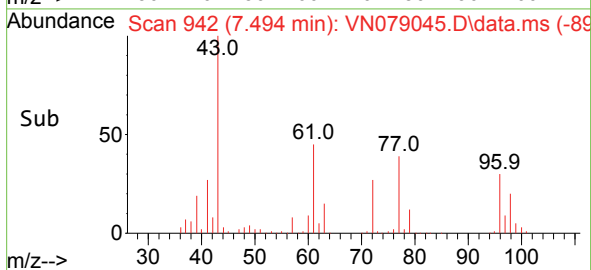
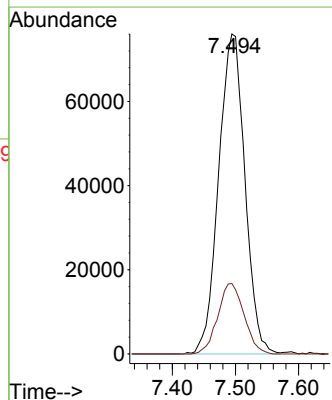
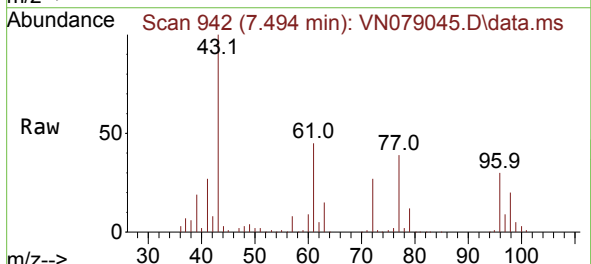
Instrument :  
MSVOA\_N  
ClientSampleId :

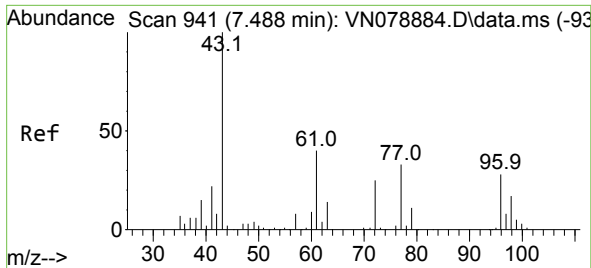
Tgt Ion: 43 Resp: 552076  
Ion Ratio Lower Upper  
43 100  
72 25.8 30.2 45.2#



#26  
2,2-Dichloropropane  
Concen: 48.085 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. -0.006 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

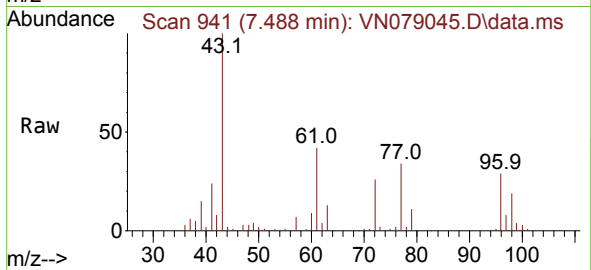
Tgt Ion: 77 Resp: 219481  
Ion Ratio Lower Upper  
77 100  
97 22.1 11.2 33.6



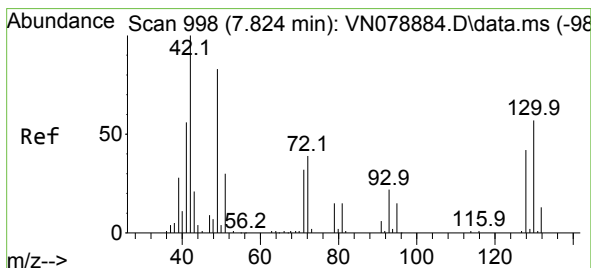
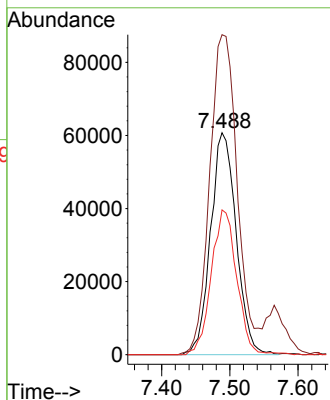
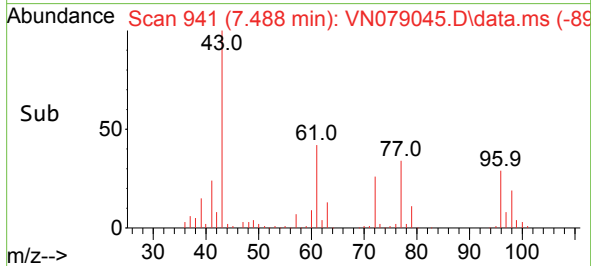


#27  
 cis-1,2-Dichloroethene  
 Concen: 47.517 ug/l  
 RT: 7.488 min Scan# 941  
 Delta R.T. -0.012 min  
 Lab File: VN079045.D  
 Acq: 25 Aug 2023 10:30

Instrument :  
 MSVOA\_N  
 ClientSampleId :

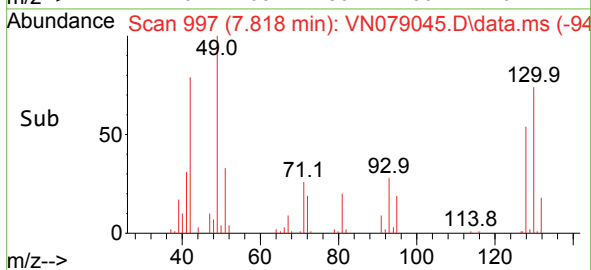
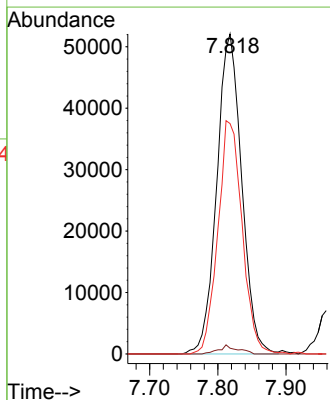
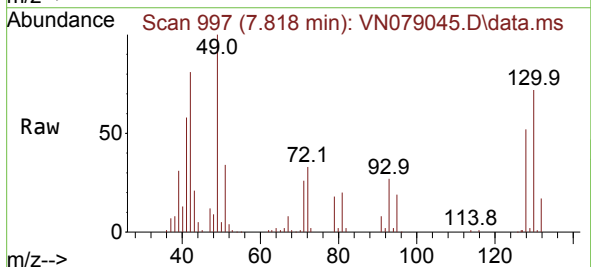


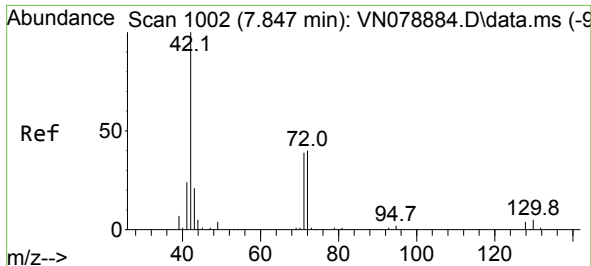
Tgt Ion: 96 Resp: 158991  
 Ion Ratio Lower Upper  
 96 100  
 61 156.2 0.0 255.2  
 98 65.0 0.0 128.8



#28  
 Bromochloromethane  
 Concen: 44.218 ug/l  
 RT: 7.818 min Scan# 997  
 Delta R.T. -0.006 min  
 Lab File: VN079045.D  
 Acq: 25 Aug 2023 10:30

Tgt Ion: 49 Resp: 132454  
 Ion Ratio Lower Upper  
 49 100  
 129 2.1 0.0 4.8  
 130 71.0 75.3 112.9#





#29

Tetrahydrofuran

Concen: 230.890 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN079045.D

Acq: 25 Aug 2023 10:30

Instrument :

MSVOA\_N

ClientSampleId :

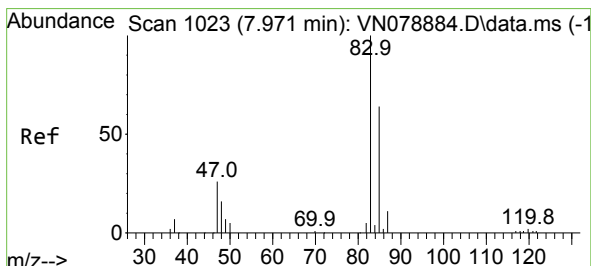
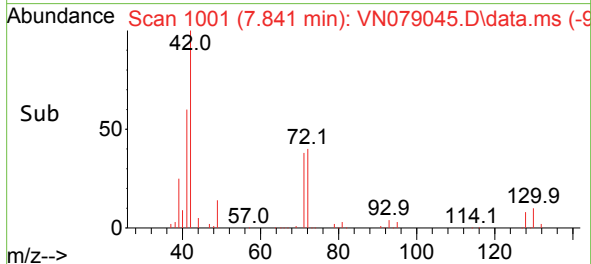
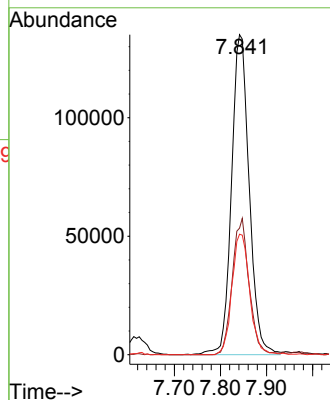
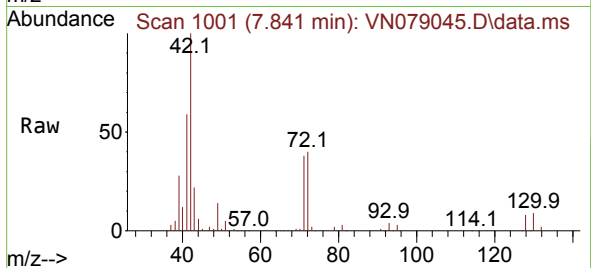
Tgt Ion: 42 Resp: 359737

Ion Ratio Lower Upper

42 100

72 40.5 49.8 74.6#

71 37.7 47.4 71.2#



#30

Chloroform

Concen: 47.910 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN079045.D

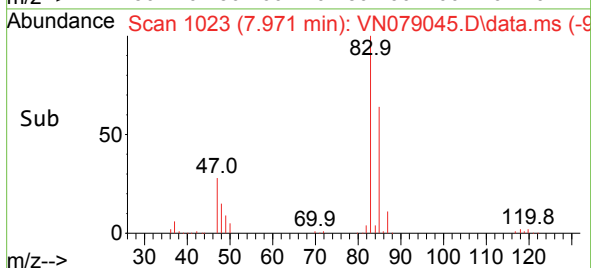
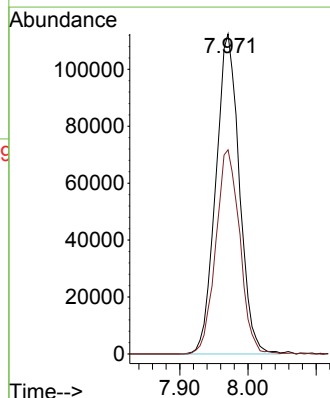
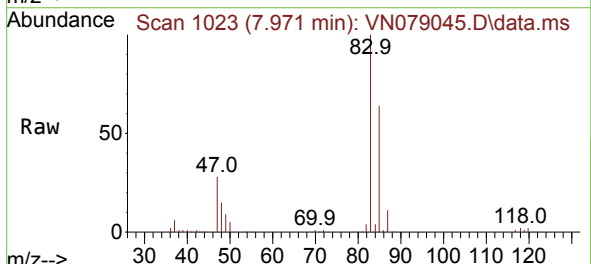
Acq: 25 Aug 2023 10:30

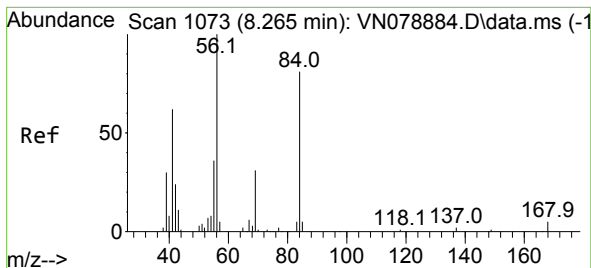
Tgt Ion: 83 Resp: 270282

Ion Ratio Lower Upper

83 100

85 63.8 55.4 83.0





#31

Cyclohexane

Concen: 46.362 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

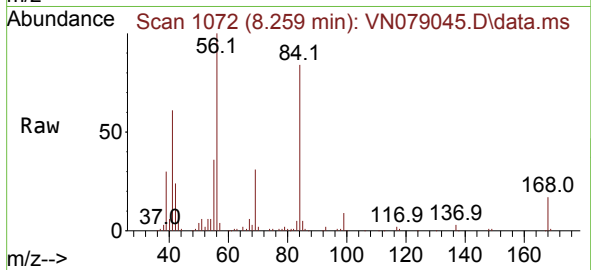
Lab File: VN079045.D

Acq: 25 Aug 2023 10:30

Instrument :

MSVOA\_N

ClientSampleId :



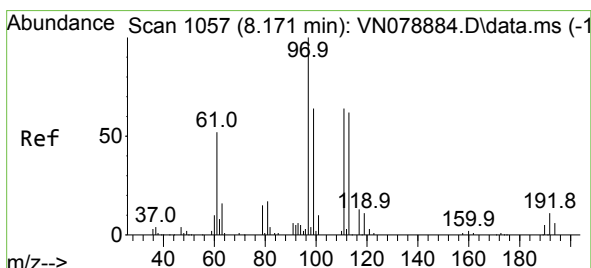
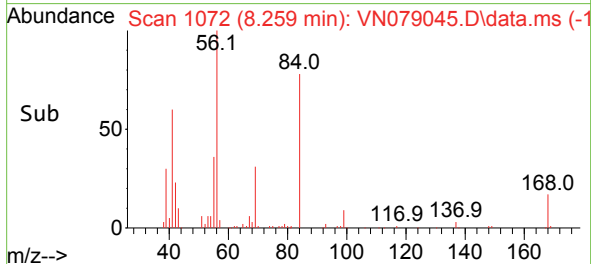
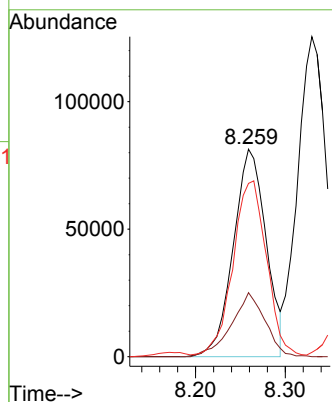
Tgt Ion: 56 Resp: 206588

Ion Ratio Lower Upper

56 100

69 30.9 26.8 40.2

84 81.6 81.8 122.6#



#32

1,1,1-Trichloroethane

Concen: 48.930 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN079045.D

Acq: 25 Aug 2023 10:30

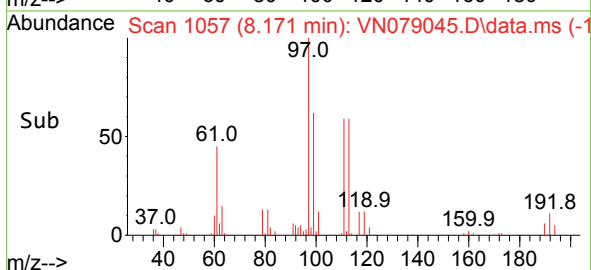
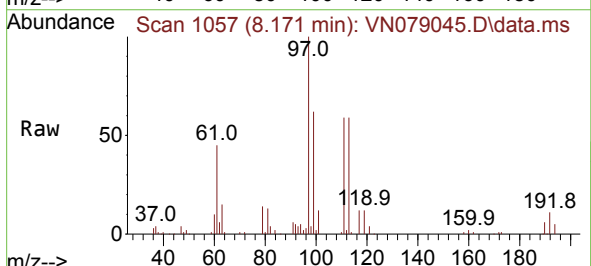
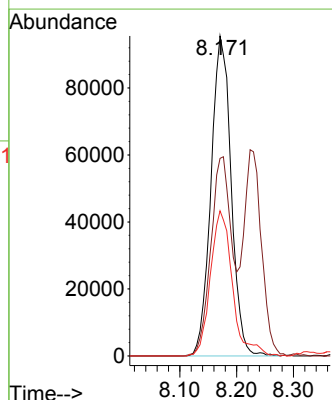
Tgt Ion: 97 Resp: 235364

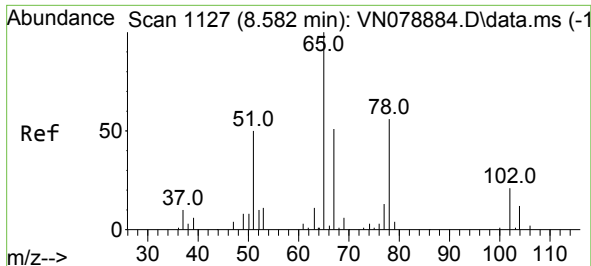
Ion Ratio Lower Upper

97 100

99 63.6 50.3 75.5

61 49.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 44.948 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079045.D

Acq: 25 Aug 2023 10:30

Instrument :

MSVOA\_N

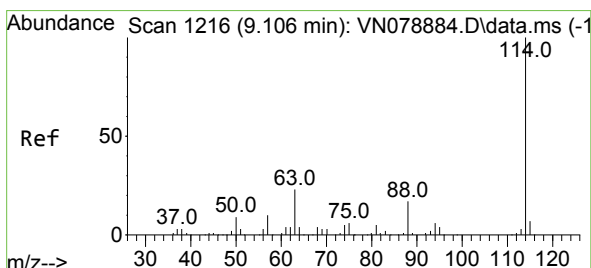
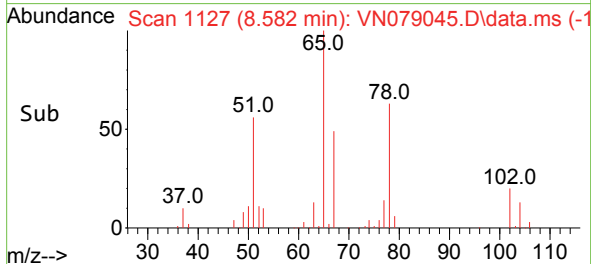
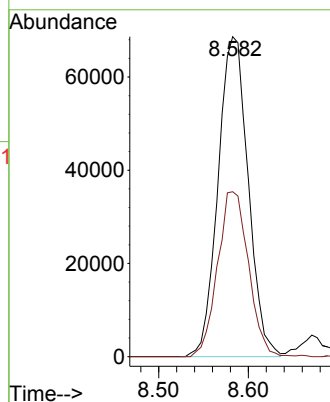
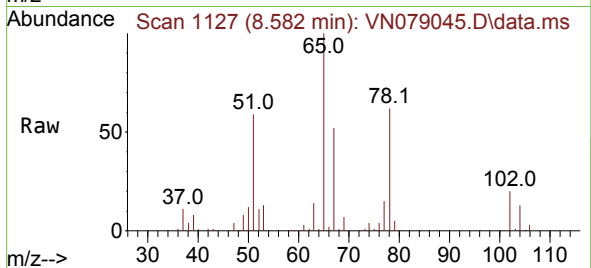
ClientSampleId :

Tgt Ion: 65 Resp: 159937

Ion Ratio Lower Upper

65 100

67 53.1 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: VN079045.D

Acq: 25 Aug 2023 10:30

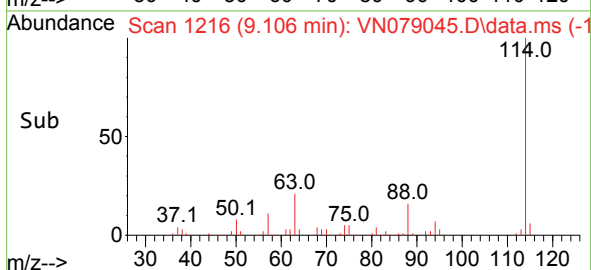
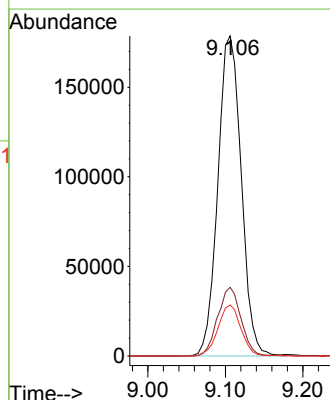
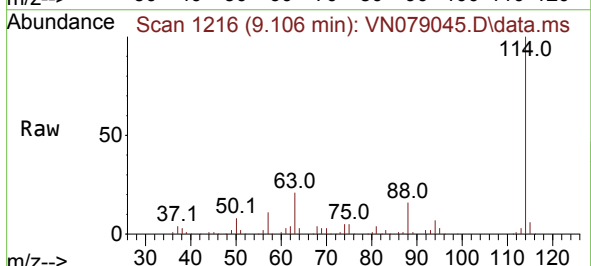
Tgt Ion: 114 Resp: 374741

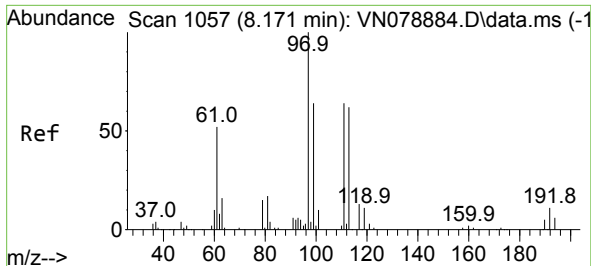
Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

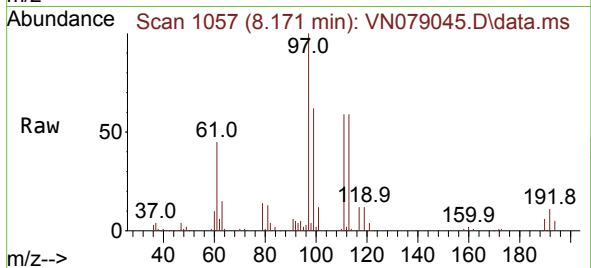
88 15.9 0.0 30.6



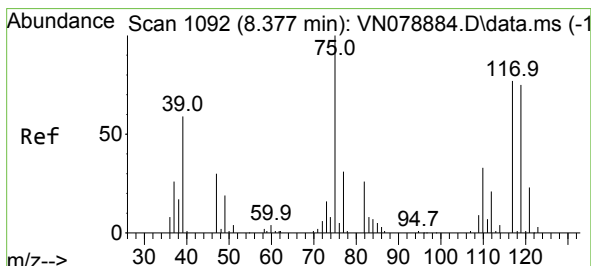
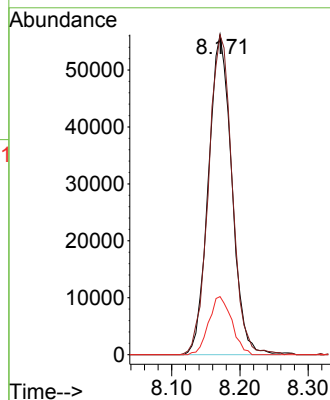
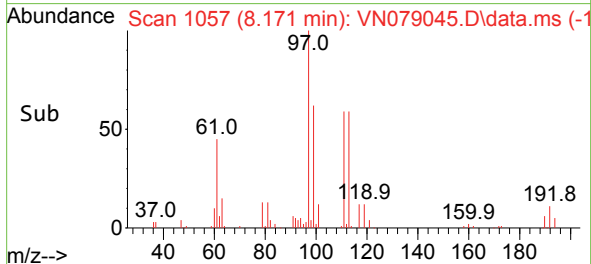


#35  
Dibromofluoromethane  
Concen: 53.087 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

Instrument :  
MSVOA\_N  
ClientSampleId :

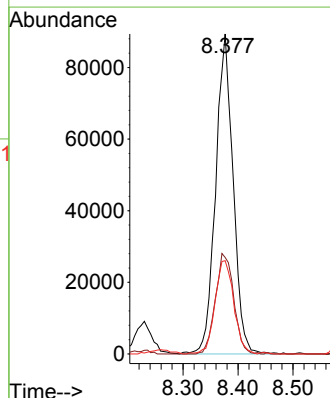
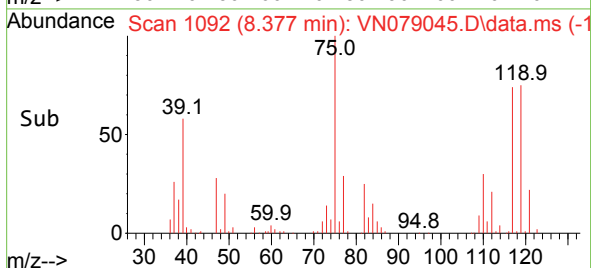
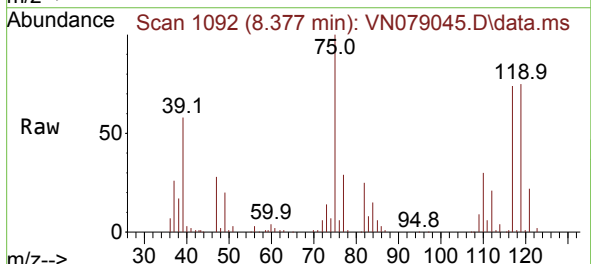


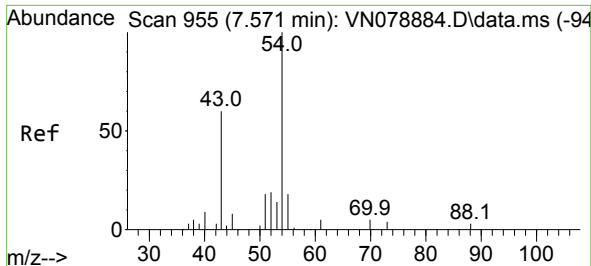
Tgt Ion:113 Resp: 133916  
Ion Ratio Lower Upper  
113 100  
111 101.1 82.6 123.8  
192 17.8 12.7 19.1



#36  
1,1-Dichloropropene  
Concen: 52.042 ug/l  
RT: 8.377 min Scan# 1092  
Delta R.T. -0.000 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

Tgt Ion: 75 Resp: 197476  
Ion Ratio Lower Upper  
75 100  
110 33.0 19.1 57.3  
77 31.4 25.0 37.4

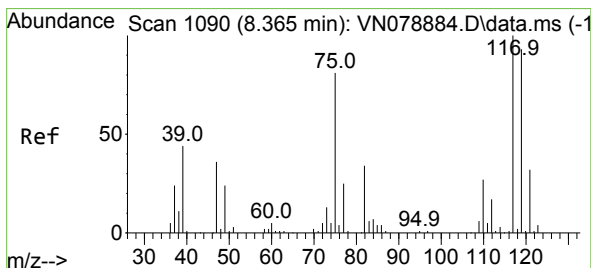
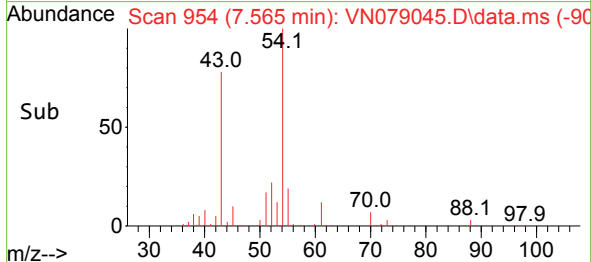
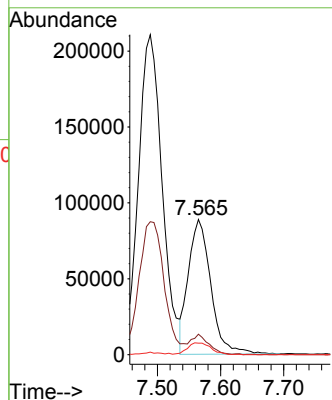
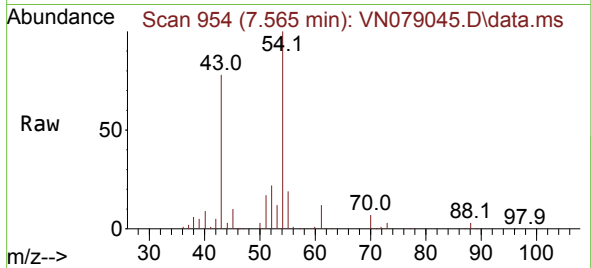




#37  
Ethyl Acetate  
Concen: 51.820 ug/l  
RT: 7.565 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

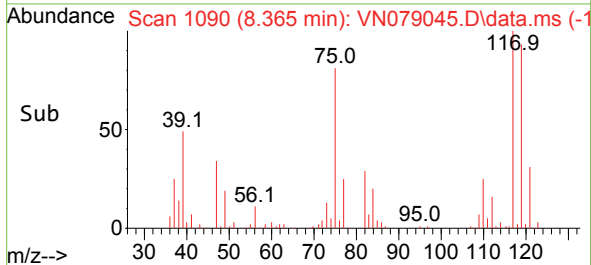
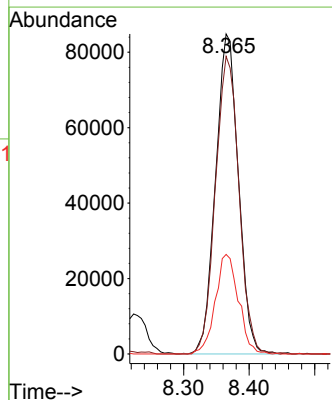
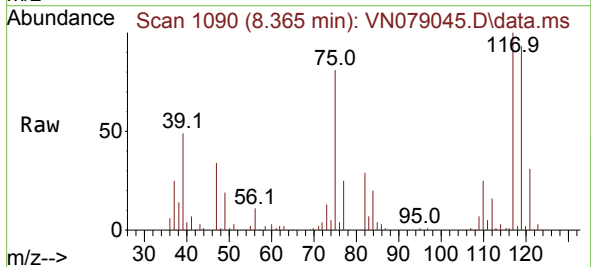
Instrument :  
MSVOA\_N  
ClientSampleId :

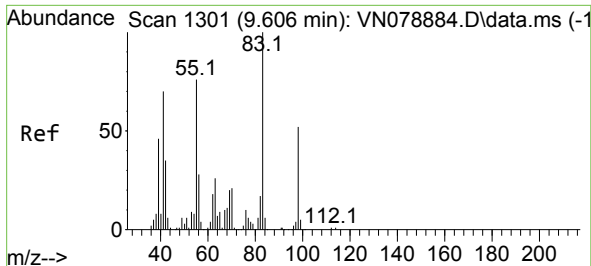
Tgt Ion: 43 Resp: 220004  
Ion Ratio Lower Upper  
43 100  
61 11.1 13.2 19.8#  
70 9.2 11.3 16.9#



#38  
Carbon Tetrachloride  
Concen: 53.896 ug/l  
RT: 8.365 min Scan# 1090  
Delta R.T. -0.006 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

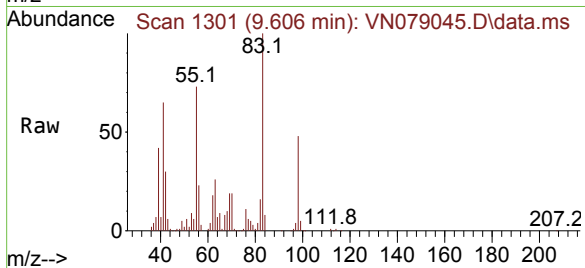
Tgt Ion: 117 Resp: 204917  
Ion Ratio Lower Upper  
117 100  
119 93.0 77.3 115.9  
121 31.1 23.3 34.9



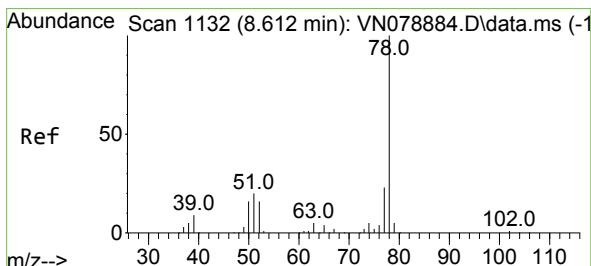
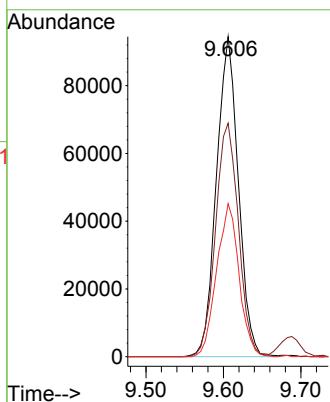
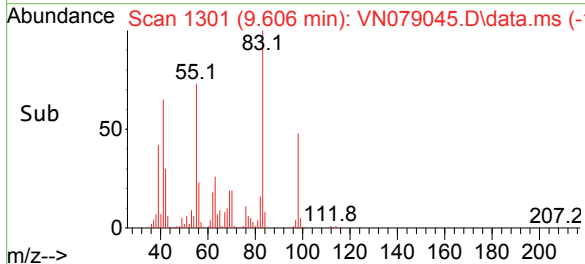


#39  
Methylcyclohexane  
Concen: 53.245 ug/l  
RT: 9.606 min Scan# 11301  
Delta R.T. -0.000 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

Instrument :  
MSVOA\_N  
ClientSampleId :

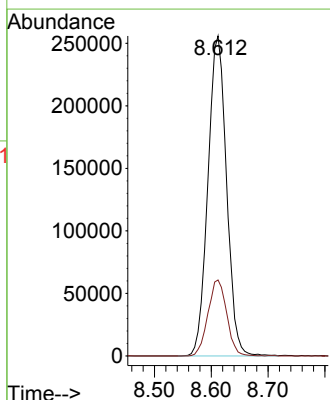
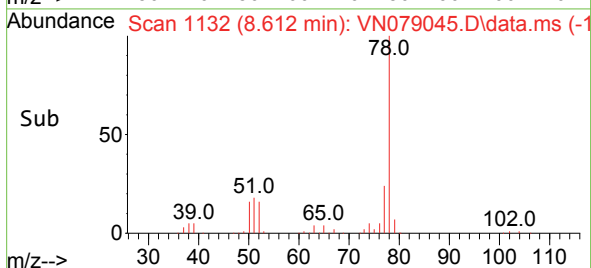
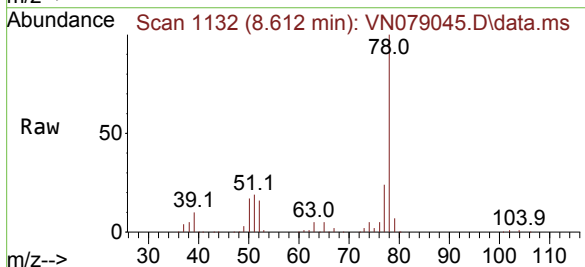


Tgt Ion: 83 Resp: 185818  
Ion Ratio Lower Upper  
83 100  
55 72.9 49.1 73.7  
98 47.8 40.6 61.0

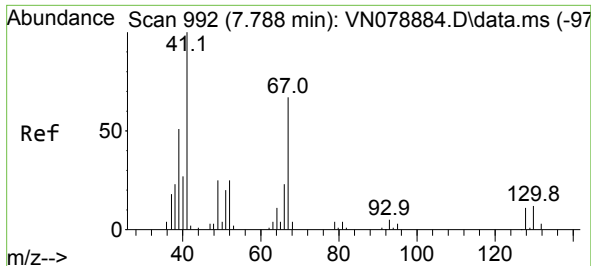


#40  
Benzene  
Concen: 51.873 ug/l  
RT: 8.612 min Scan# 1132  
Delta R.T. -0.000 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

Tgt Ion: 78 Resp: 581804  
Ion Ratio Lower Upper  
78 100  
77 23.8 19.0 28.6



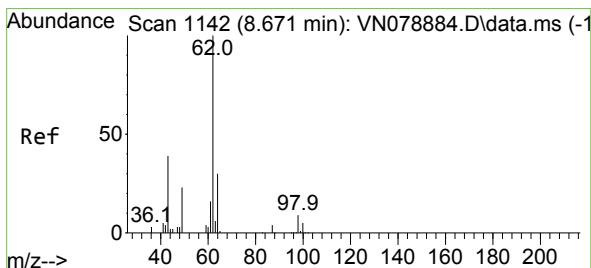
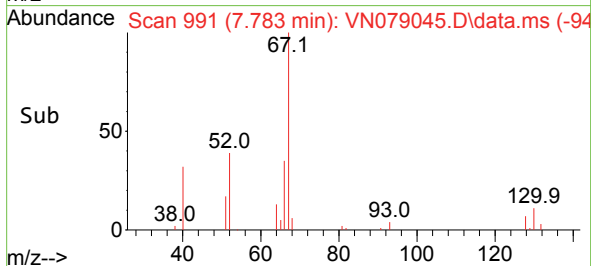
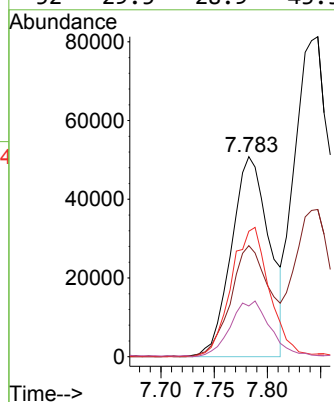
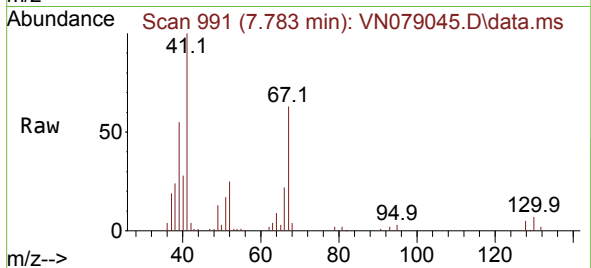




#41  
Methacrylonitrile  
Concen: 54.572 ug/l  
RT: 7.783 min Scan# 991  
Delta R.T. -0.011 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

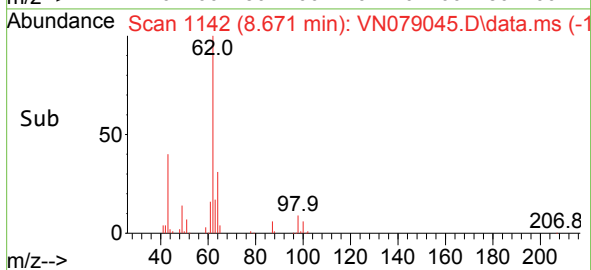
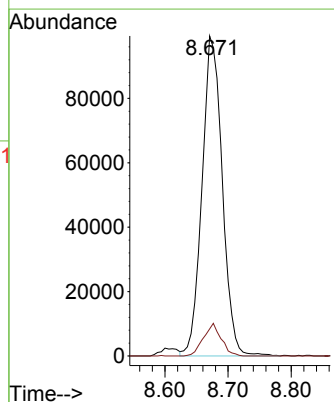
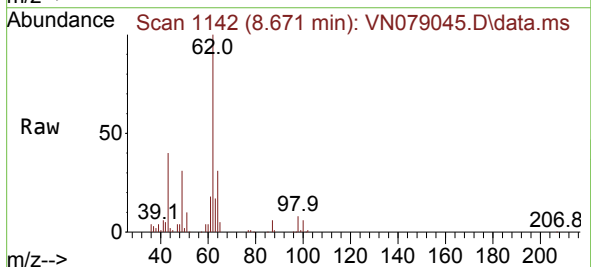
Instrument :  
MSVOA\_N  
ClientSampleId :

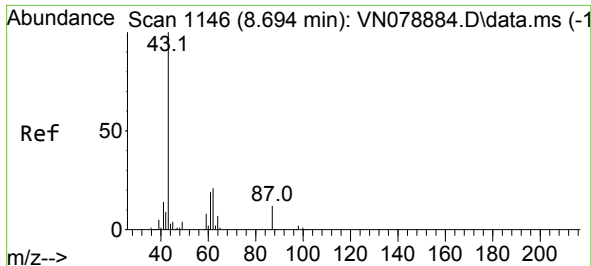
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 126187 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 57.2  | 42.6  | 64.0   |
| 67       | 65.9  | 77.5  | 116.3  |
| 52       | 29.5  | 28.9  | 43.3   |



#42  
1,2-Dichloroethane  
Concen: 52.832 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.006 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 221381 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.9   | 0.0   | 19.8   |

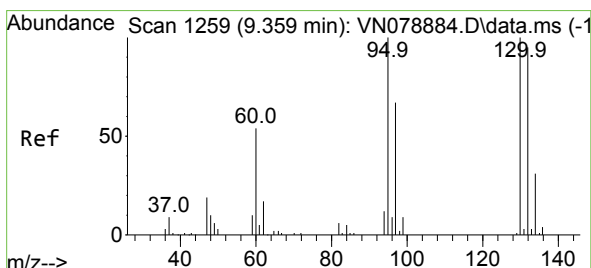
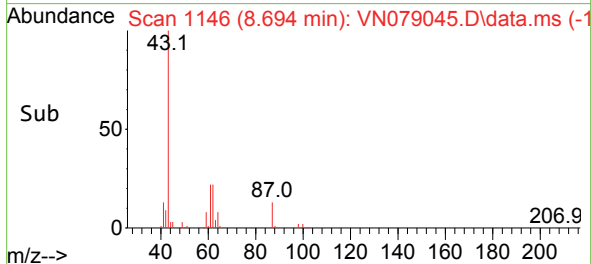
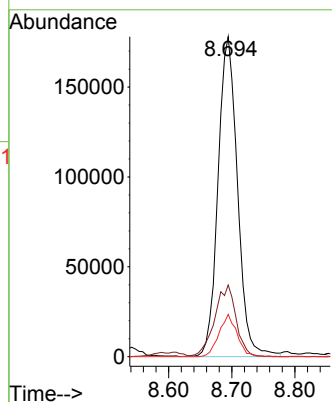
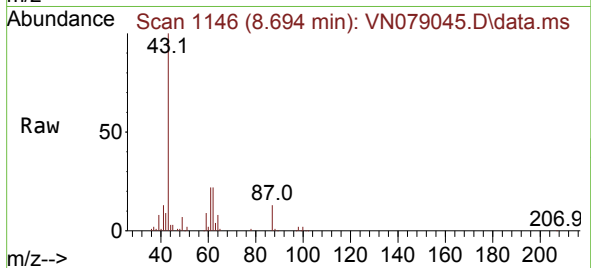




#43  
Isopropyl Acetate  
Concen: 50.964 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

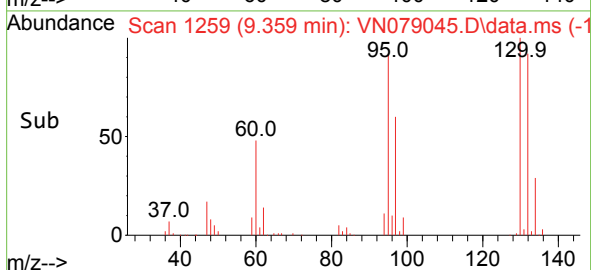
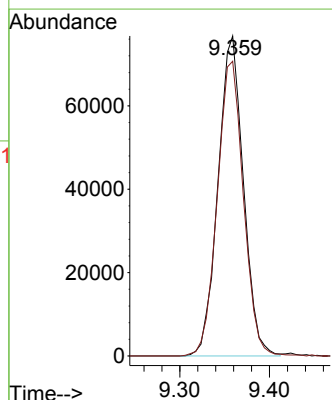
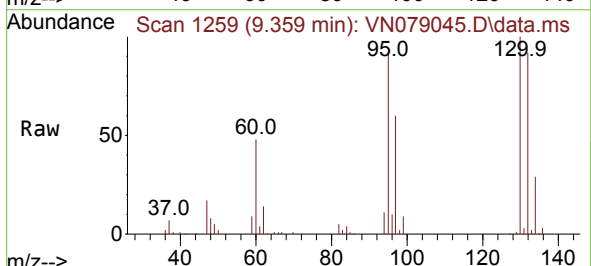
Instrument :  
MSVOA\_N  
ClientSampleId :

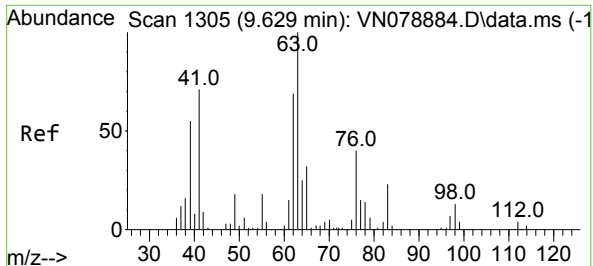
Tgt Ion: 43 Resp: 382434  
Ion Ratio Lower Upper  
43 100  
61 24.7 24.7 37.1#  
87 12.3 14.6 21.8#



#44  
Trichloroethene  
Concen: 56.509 ug/l  
RT: 9.359 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

Tgt Ion:130 Resp: 150596  
Ion Ratio Lower Upper  
130 100  
95 92.1 0.0 204.6





#45

1,2-Dichloropropane

Concen: 52.348 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.005 min

Lab File: VN079045.D

Acq: 25 Aug 2023 10:30

Instrument :

MSVOA\_N

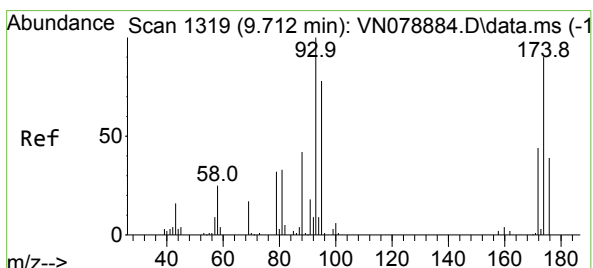
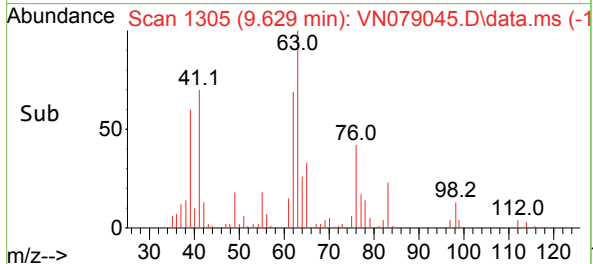
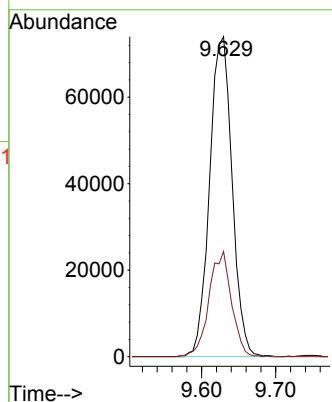
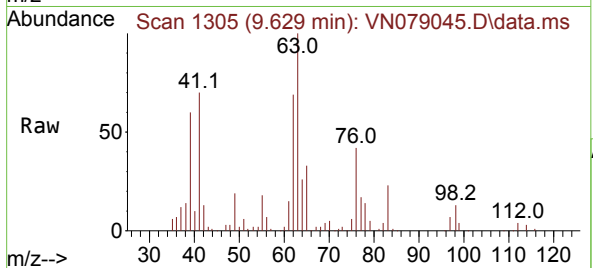
ClientSampleId :

Tgt Ion: 63 Resp: 156319

Ion Ratio Lower Upper

63 100

65 32.9 23.9 35.9



#46

Dibromomethane

Concen: 52.442 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079045.D

Acq: 25 Aug 2023 10:30

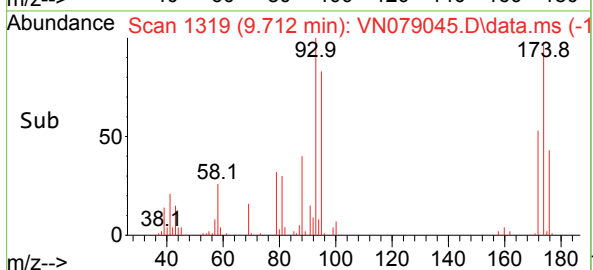
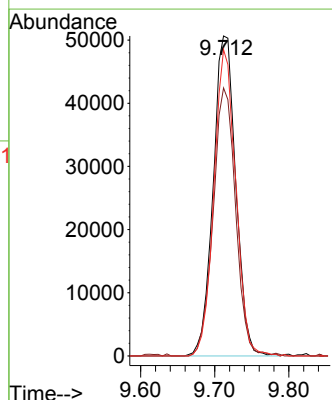
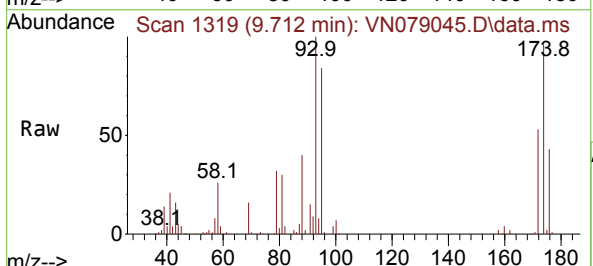
Tgt Ion: 93 Resp: 107411

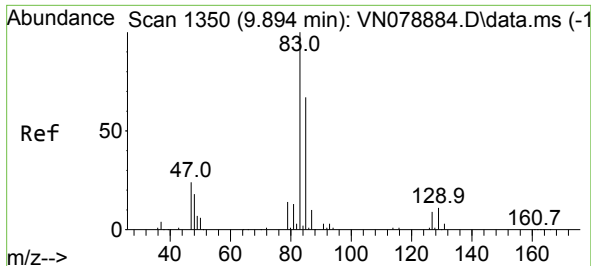
Ion Ratio Lower Upper

93 100

95 83.2 63.8 95.8

174 92.6 65.6 98.4

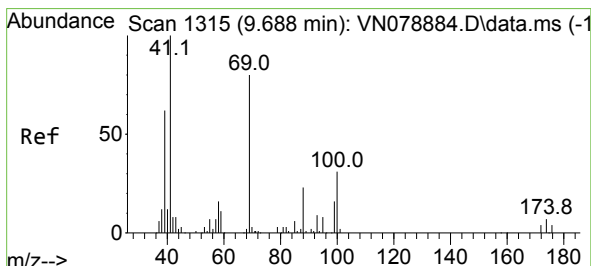
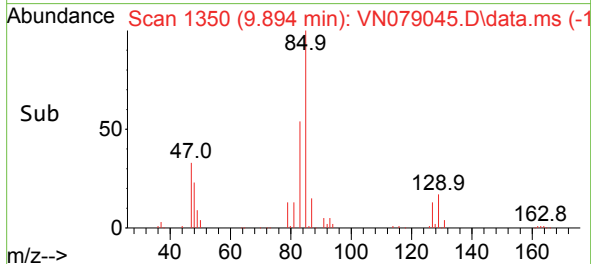
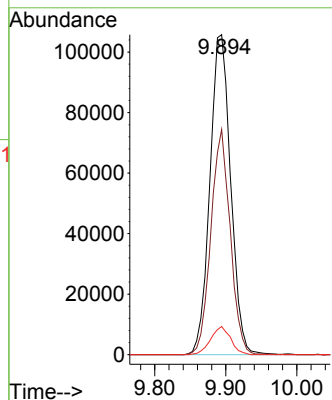
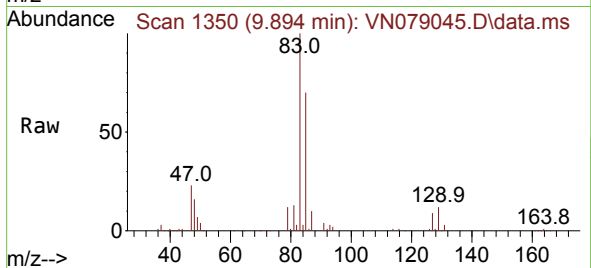




#47  
Bromodichloromethane  
Concen: 53.051 ug/l  
RT: 9.894 min Scan# 1350  
Delta R.T. 0.000 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

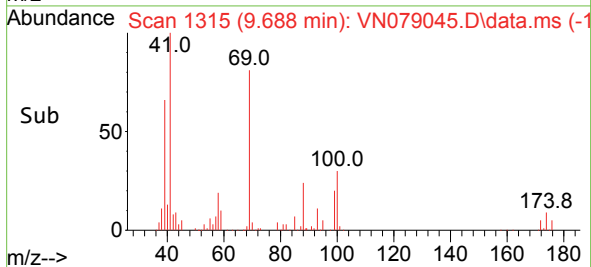
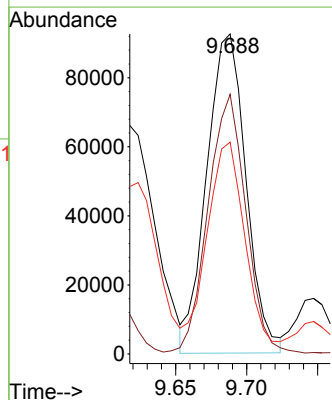
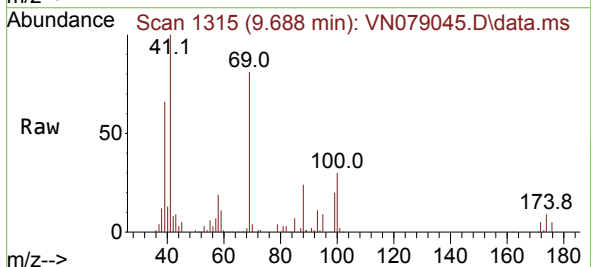
Instrument :  
MSVOA\_N  
ClientSampleId :

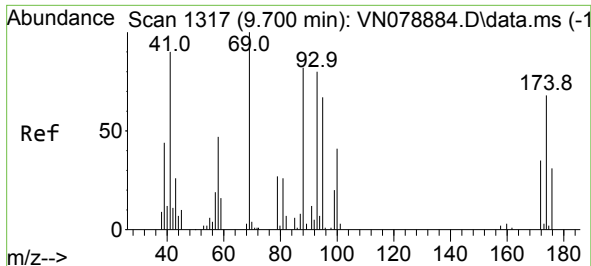
Tgt Ion: 83 Resp: 214563  
Ion Ratio Lower Upper  
83 100  
85 70.4 49.6 74.4  
127 8.8 7.0 10.6



#48  
Methyl methacrylate  
Concen: 52.303 ug/l  
RT: 9.688 min Scan# 1315  
Delta R.T. 0.000 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

Tgt Ion: 41 Resp: 177855  
Ion Ratio Lower Upper  
41 100  
69 78.8 90.4 135.6#  
39 65.1 54.6 81.8





#49

1,4-Dioxane

Concen: 1099.813 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079045.D

Acq: 25 Aug 2023 10:30

Instrument :

MSVOA\_N

ClientSampleId :

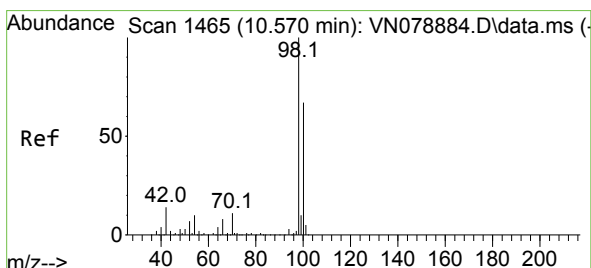
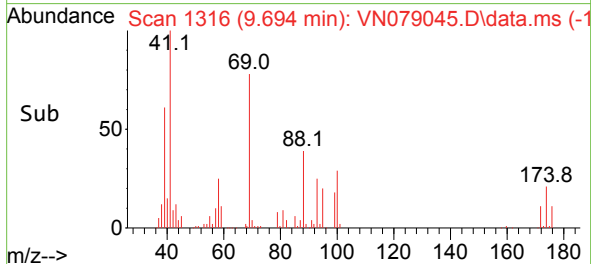
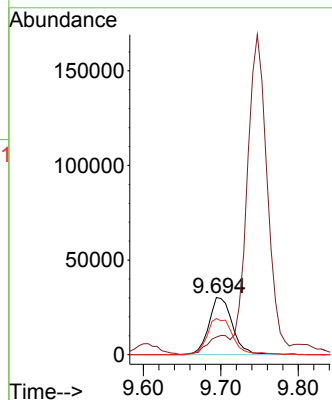
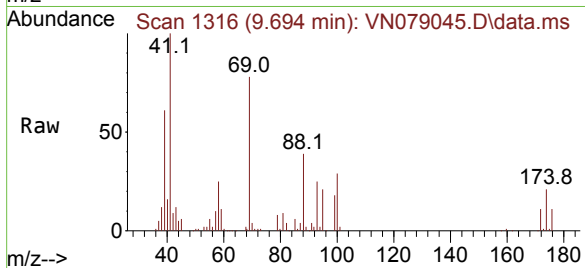
Tgt Ion: 88 Resp: 63701

Ion Ratio Lower Upper

88 100

43 31.2 17.0 25.6#

58 69.2 47.0 70.4



#50

Toluene-d8

Concen: 50.002 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079045.D

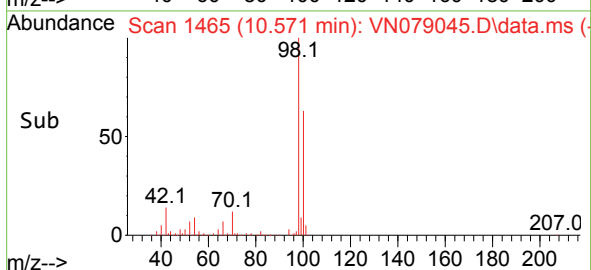
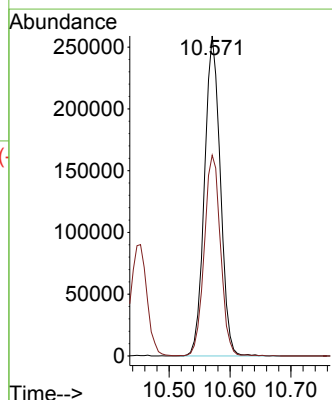
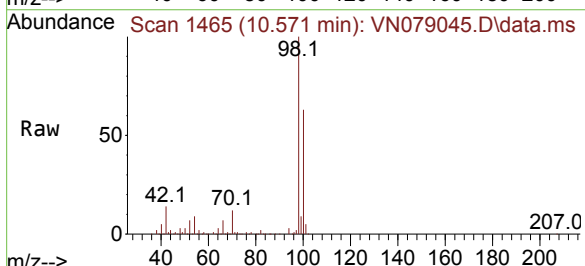
Acq: 25 Aug 2023 10:30

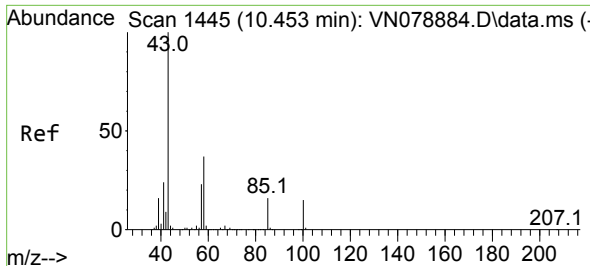
Tgt Ion: 98 Resp: 468344

Ion Ratio Lower Upper

98 100

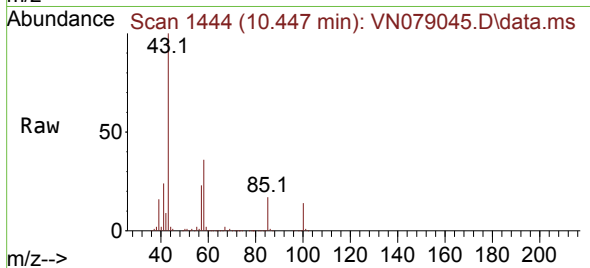
100 64.4 52.0 78.0



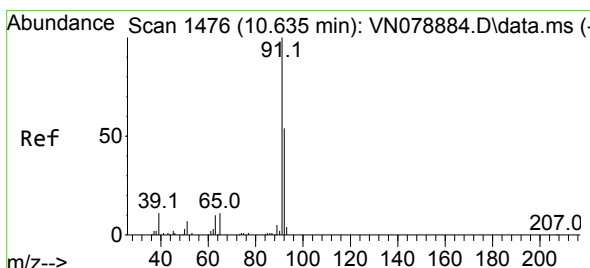
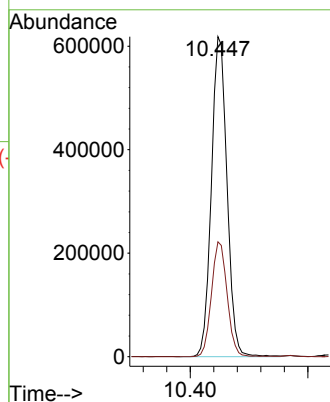
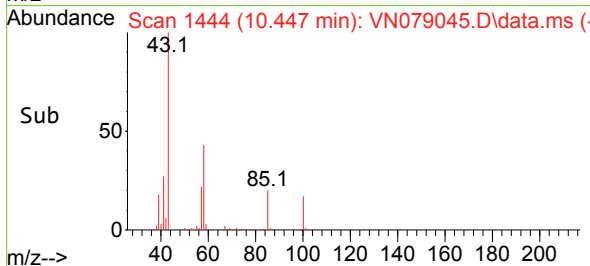


#51  
4-Methyl-2-Pentanone  
Concen: 256.414 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. -0.006 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

Instrument :  
MSVOA\_N  
ClientSampleId :

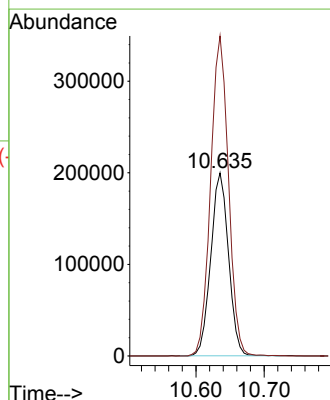
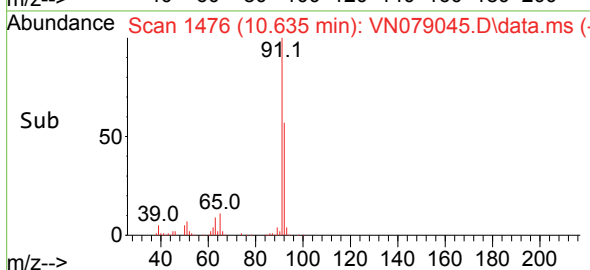
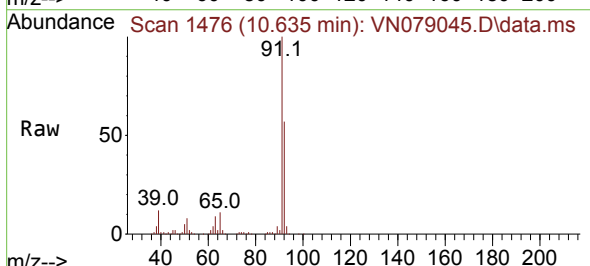


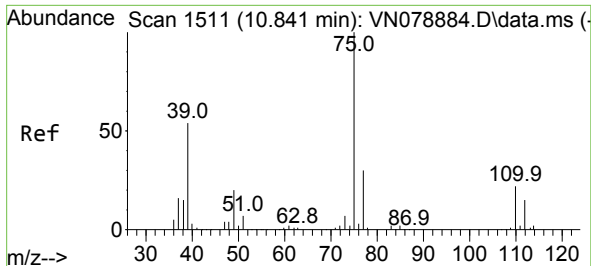
Tgt Ion: 43 Resp: 1141213  
Ion Ratio Lower Upper  
43 100  
58 36.0 36.6 54.8#



#52  
Toluene  
Concen: 52.395 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

Tgt Ion: 92 Resp: 360797  
Ion Ratio Lower Upper  
92 100  
91 176.4 137.4 206.0

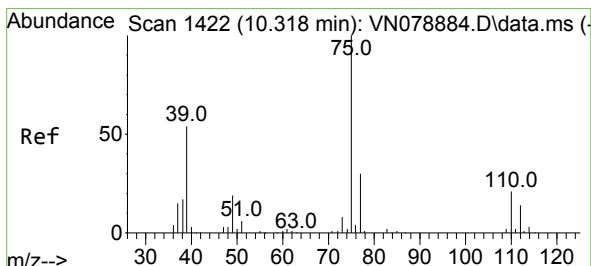
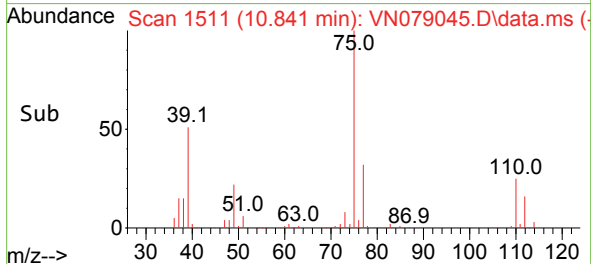
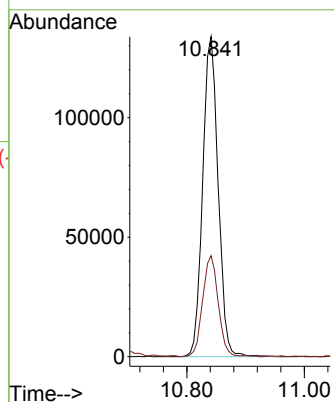
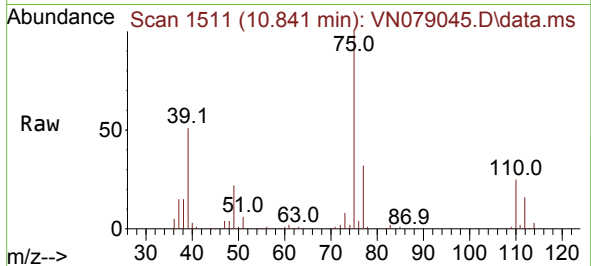




#53  
 t-1,3-Dichloropropene  
 Concen: 56.212 ug/l  
 RT: 10.841 min Scan# 1511  
 Delta R.T. 0.000 min  
 Lab File: VN079045.D  
 Acq: 25 Aug 2023 10:30

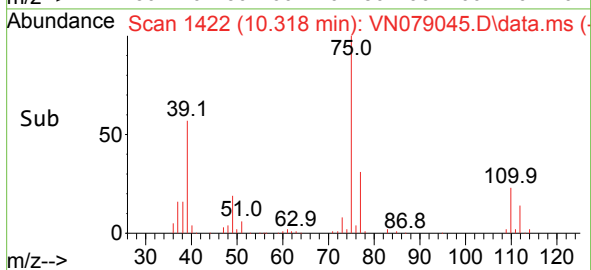
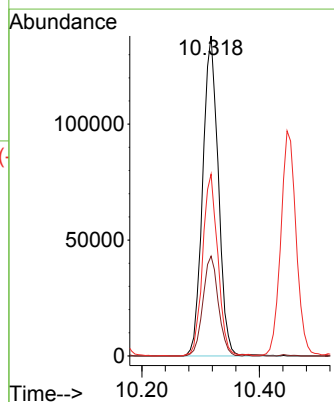
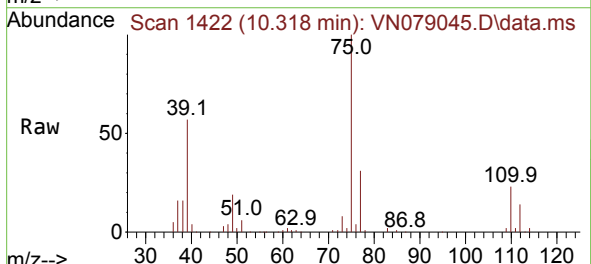
Instrument :  
 MSVOA\_N  
 ClientSampleId :

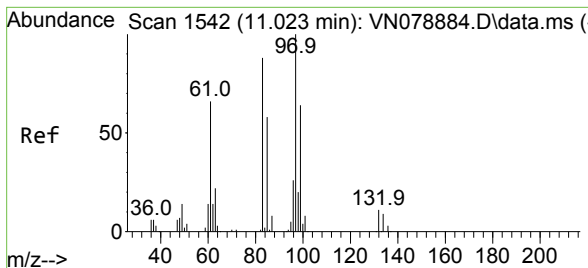
Tgt Ion: 75 Resp: 243807  
 Ion Ratio Lower Upper  
 75 100  
 77 31.5 25.4 38.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 53.937 ug/l  
 RT: 10.318 min Scan# 1422  
 Delta R.T. -0.000 min  
 Lab File: VN079045.D  
 Acq: 25 Aug 2023 10:30

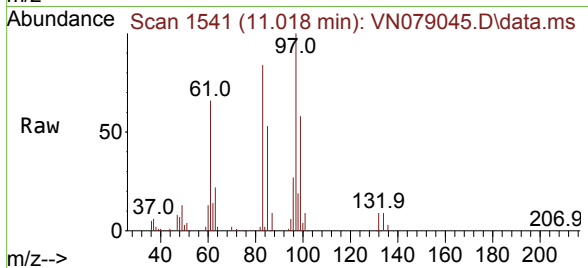
Tgt Ion: 75 Resp: 254787  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 26.1 39.1  
 39 56.8 31.6 47.4#



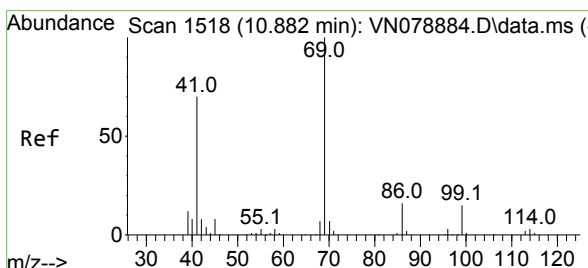
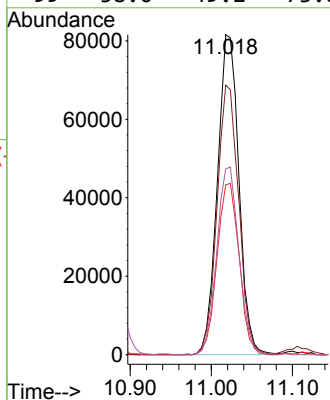
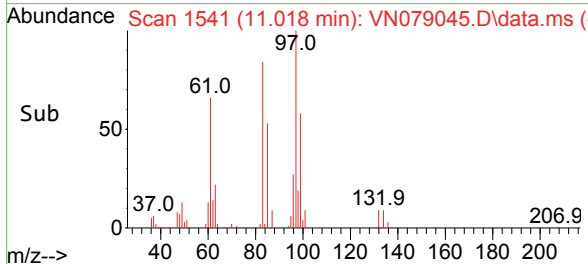


#55  
1,1,2-Trichloroethane  
Concen: 54.416 ug/l  
RT: 11.018 min Scan# 1541  
Delta R.T. -0.006 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

Instrument :  
MSVOA\_N  
ClientSampleId :

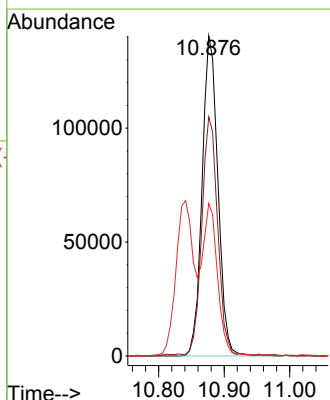
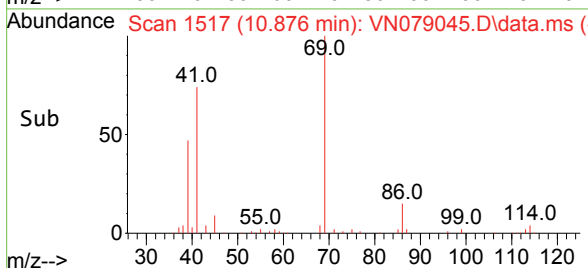
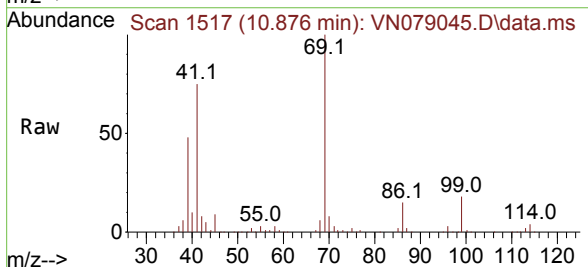


|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 150247 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 84.3  | 65.1  | 97.7   |
| 85       | 53.0  | 43.4  | 65.2   |
| 99       | 58.0  | 49.2  | 73.8   |

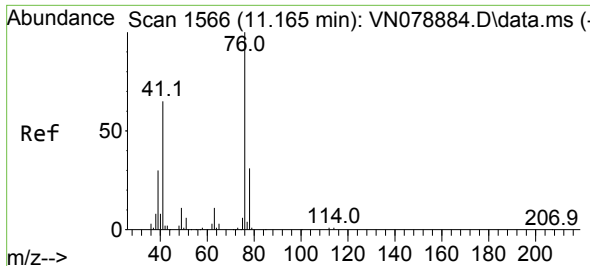


#56  
Ethyl methacrylate  
Concen: 55.071 ug/l  
RT: 10.876 min Scan# 1517  
Delta R.T. -0.001 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 235708 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 75.1  | 39.6  | 59.4#  |
| 39       | 45.1  | 28.6  | 43.0#  |







#57

1,3-Dichloropropane

Concen: 52.753 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VN079045.D

Acq: 25 Aug 2023 10:30

Instrument :

MSVOA\_N

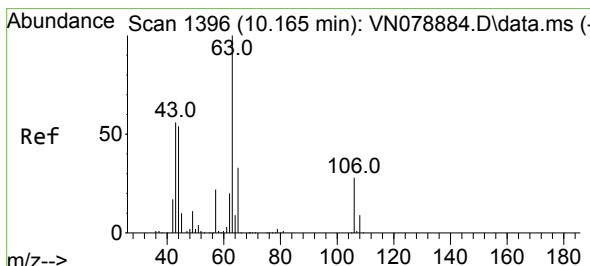
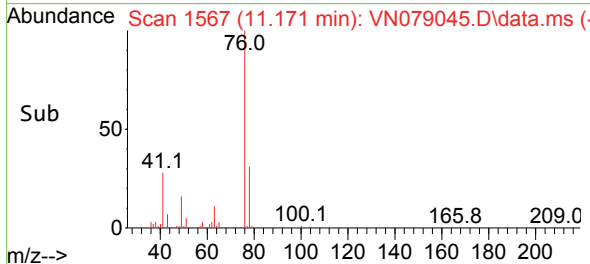
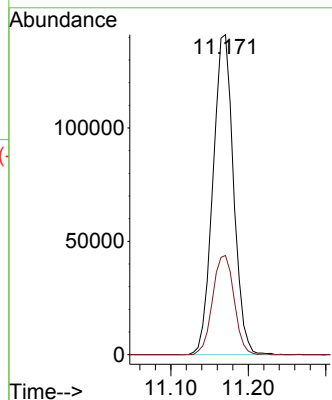
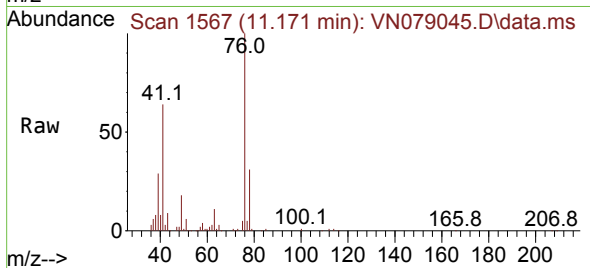
ClientSampleId :

Tgt Ion: 76 Resp: 260521

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 217.839 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079045.D

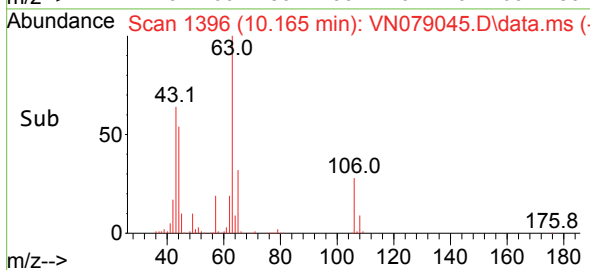
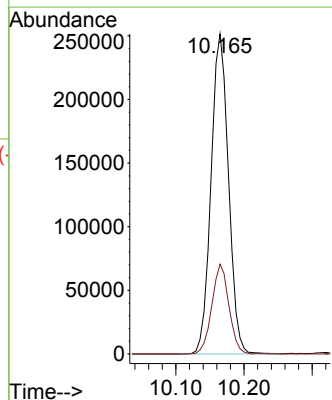
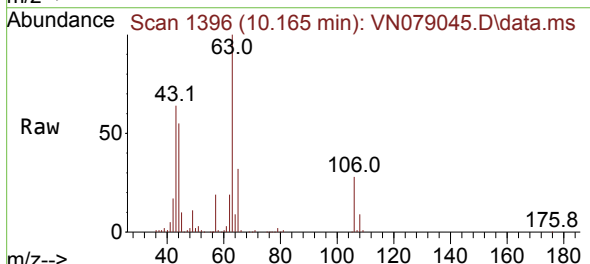
Acq: 25 Aug 2023 10:30

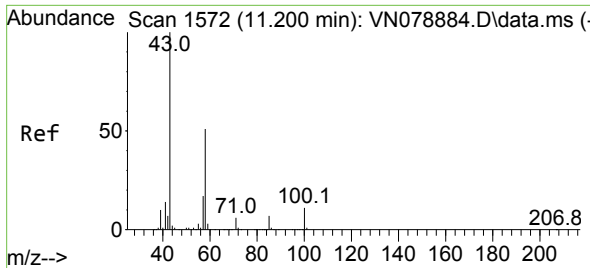
Tgt Ion: 63 Resp: 447558

Ion Ratio Lower Upper

63 100

106 27.4 26.2 39.4

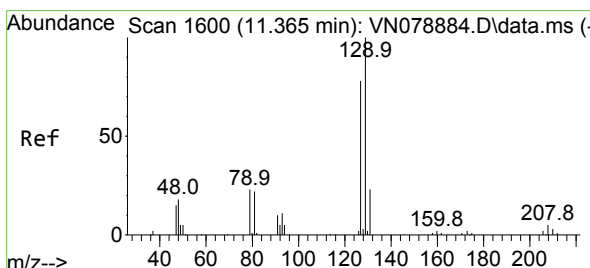
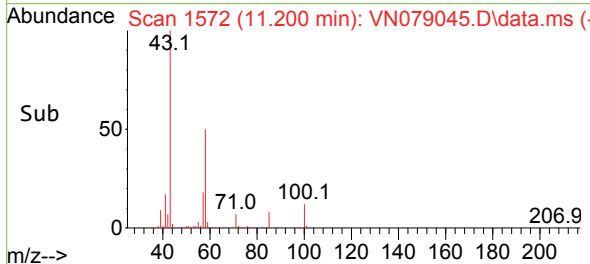
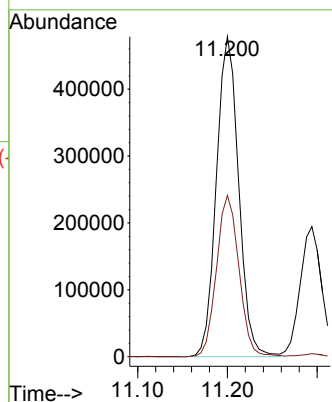
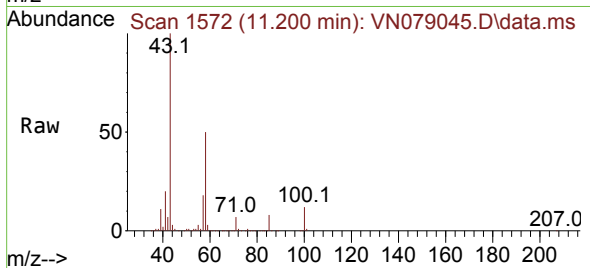




#59  
2-Hexanone  
Concen: 255.633 ug/l  
RT: 11.200 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

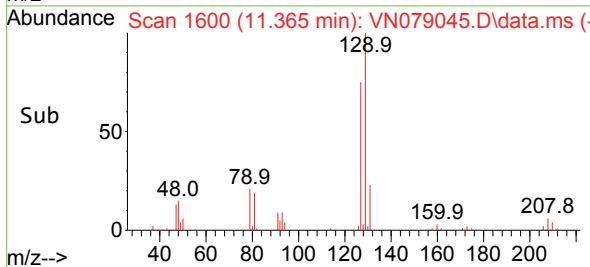
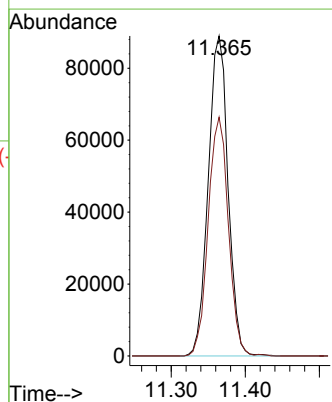
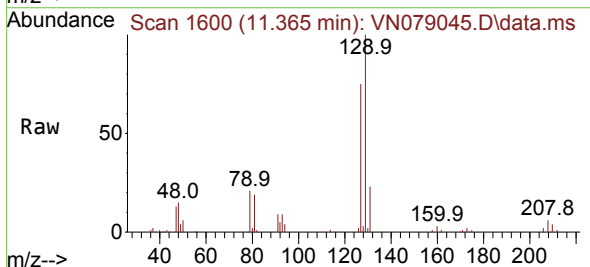
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MSVOA\_N  
ClientSampleId :

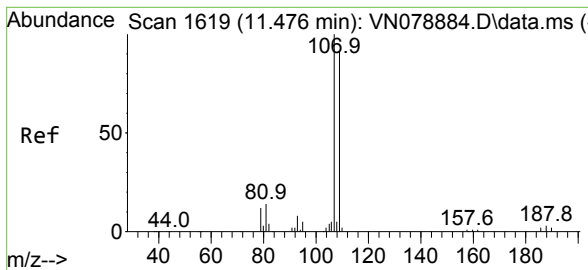
Tgt Ion: 43 Resp: 824063  
Ion Ratio Lower Upper  
43 100  
58 50.9 31.7 95.1



#60  
Dibromochloromethane  
Concen: 56.894 ug/l  
RT: 11.365 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

Tgt Ion: 129 Resp: 165307  
Ion Ratio Lower Upper  
129 100  
127 76.2 38.6 116.0

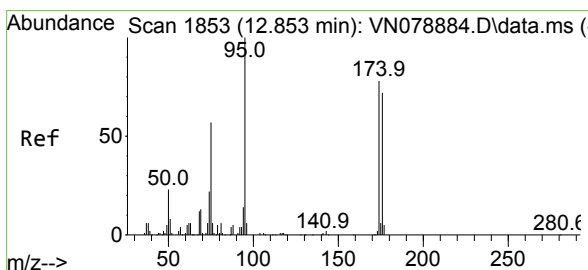
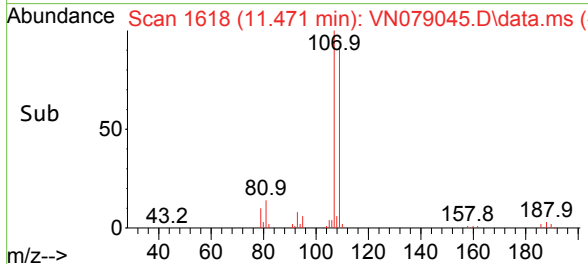
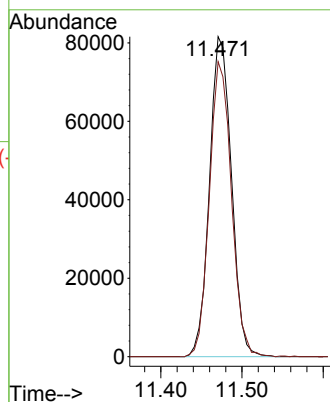
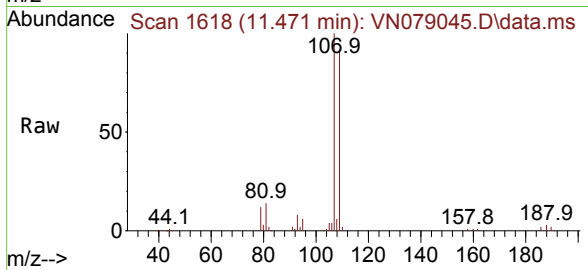




#61  
1,2-Dibromoethane  
Concen: 54.580 ug/l  
RT: 11.471 min Scan# 1619  
Delta R.T. -0.005 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

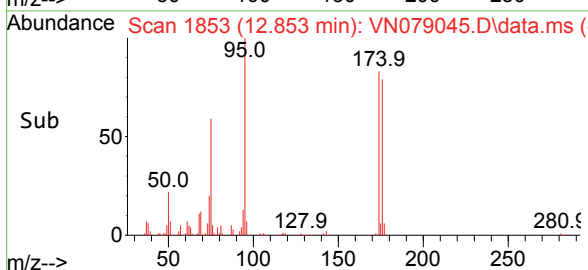
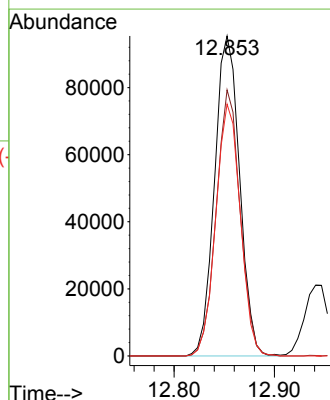
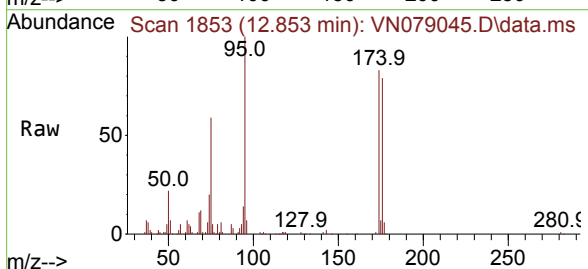
Instrument :  
MSVOA\_N  
ClientSampleId :

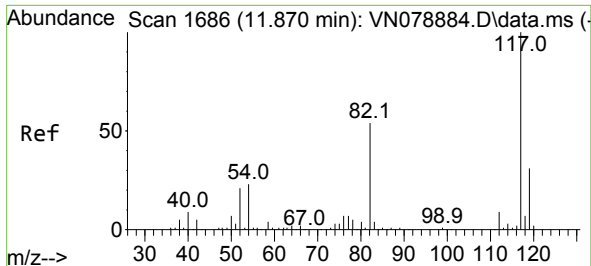
Tgt Ion:107 Resp: 153143  
Ion Ratio Lower Upper  
107 100  
109 92.5 76.6 114.8



#62  
4-Bromofluorobenzene  
Concen: 53.945 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

Tgt Ion: 95 Resp: 165155  
Ion Ratio Lower Upper  
95 100  
174 79.7 0.0 143.8  
176 77.2 0.0 135.8

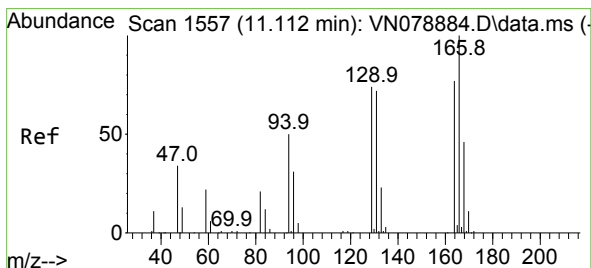
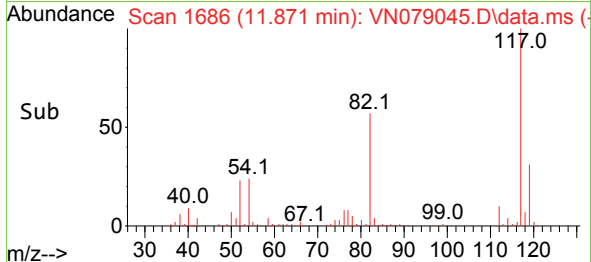
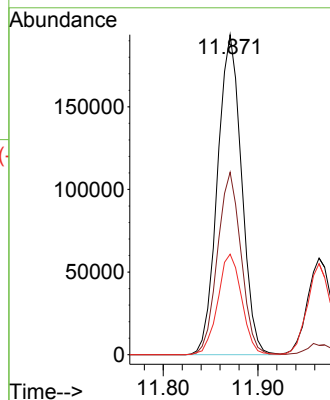
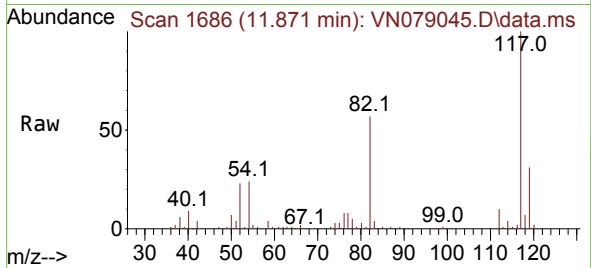




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 117  
Delta R.T. -0.001 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

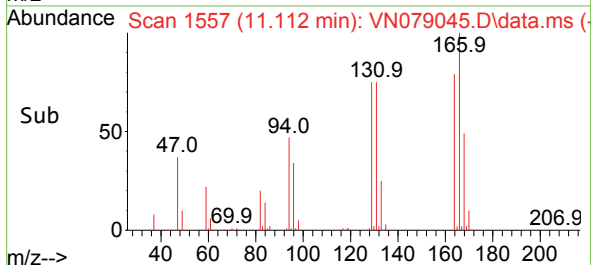
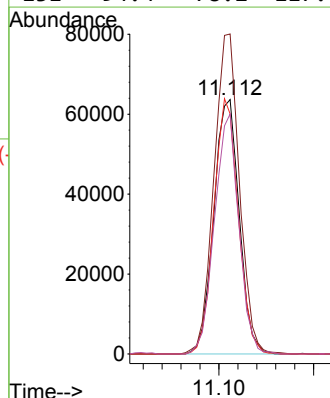
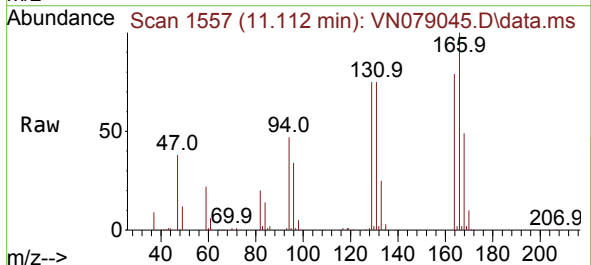
Instrument :  
MSVOA\_N  
ClientSampleId :

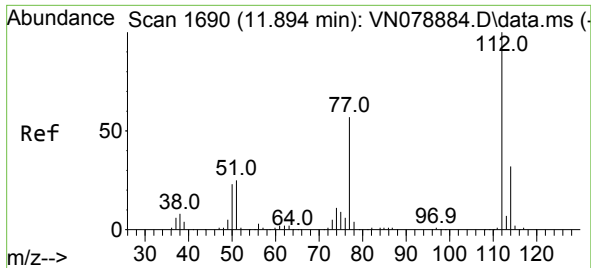
Tgt Ion:117 Resp: 342379  
Ion Ratio Lower Upper  
117 100  
82 57.0 44.0 66.0  
119 31.4 25.6 38.4



#64  
Tetrachloroethene  
Concen: 55.160 ug/l  
RT: 11.112 min Scan# 1557  
Delta R.T. -0.000 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

Tgt Ion:164 Resp: 118435  
Ion Ratio Lower Upper  
164 100  
166 125.8 101.4 152.0  
129 94.4 82.4 123.6  
131 94.4 78.2 117.4

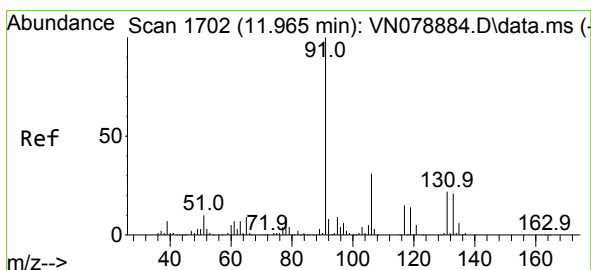
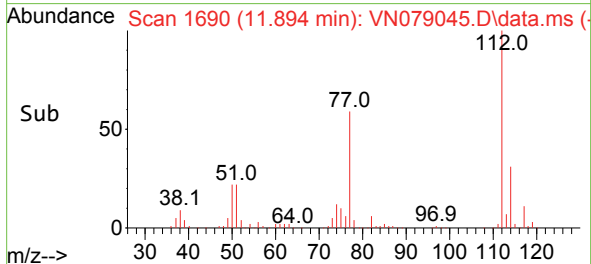
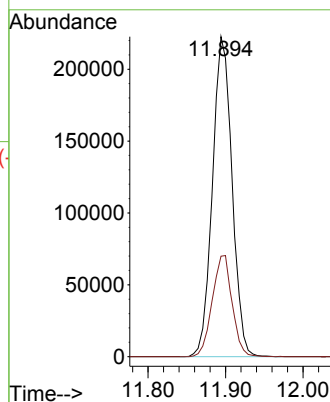
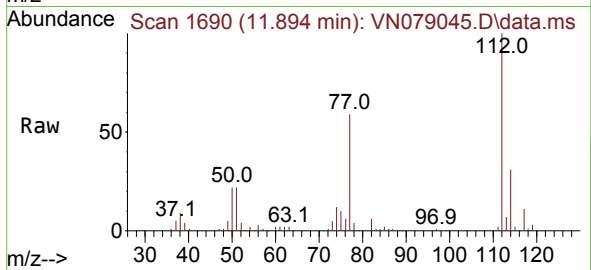




#65  
Chlorobenzene  
Concen: 53.628 ug/l  
RT: 11.894 min Scan# 111  
Delta R.T. 0.000 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

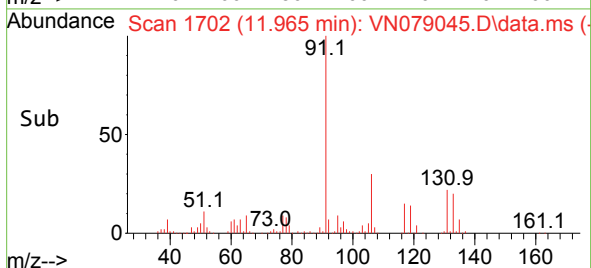
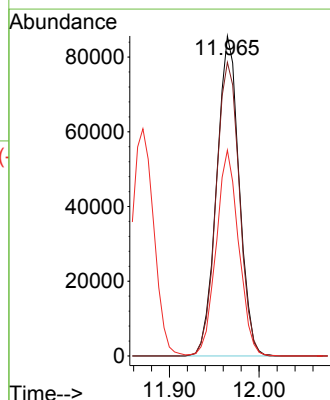
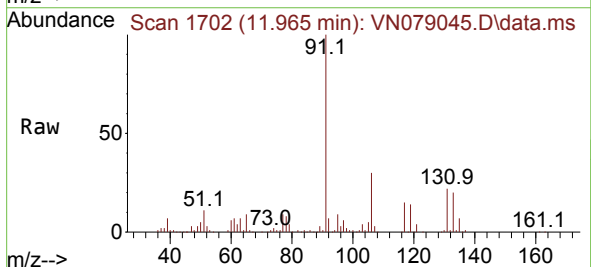
Instrument :  
MSVOA\_N  
ClientSampleId :

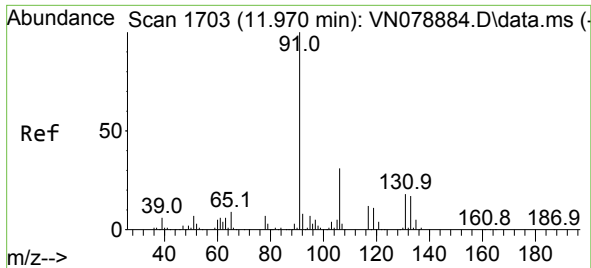
Tgt Ion:112 Resp: 390845  
Ion Ratio Lower Upper  
112 100  
114 31.4 25.0 37.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 54.177 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

Tgt Ion:131 Resp: 149215  
Ion Ratio Lower Upper  
131 100  
133 95.0 46.4 139.1  
119 64.6 34.1 102.2

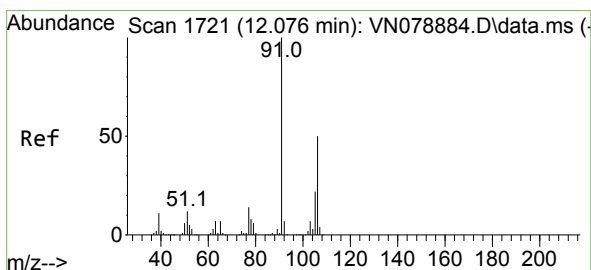
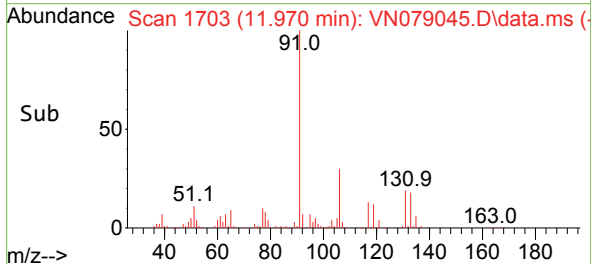
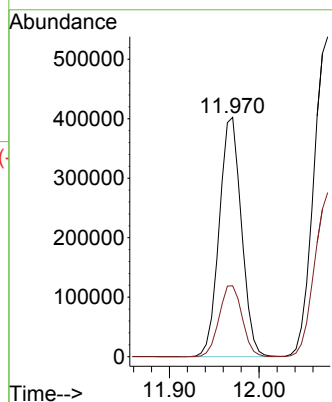
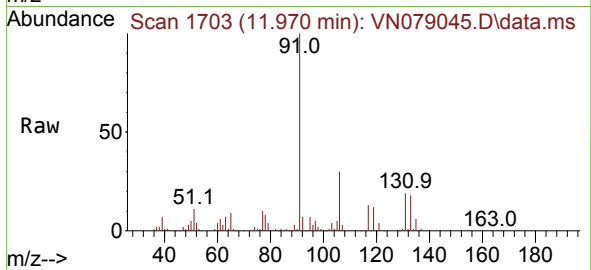




#67  
Ethyl Benzene  
Concen: 52.120 ug/l  
RT: 11.970 min Scan# 1703  
Delta R.T. -0.001 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

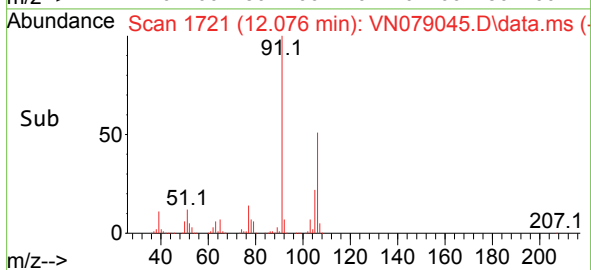
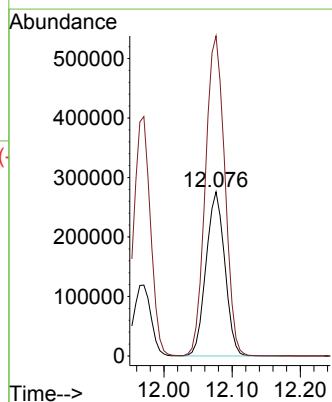
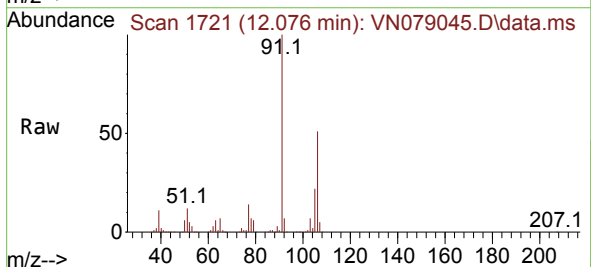
Instrument :  
MSVOA\_N  
ClientSampleId :

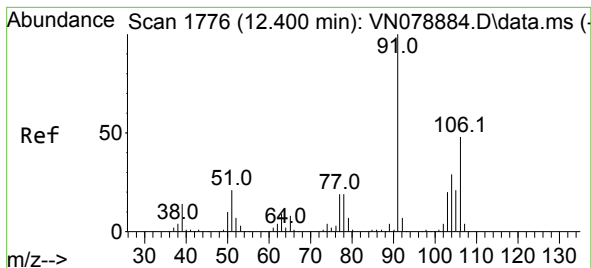
Tgt Ion: 91 Resp: 690767  
Ion Ratio Lower Upper  
91 100  
106 29.7 25.6 38.4



#68  
m/p-Xylenes  
Concen: 106.562 ug/l  
RT: 12.076 min Scan# 1721  
Delta R.T. 0.000 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

Tgt Ion: 106 Resp: 528037  
Ion Ratio Lower Upper  
106 100  
91 201.7 159.6 239.4

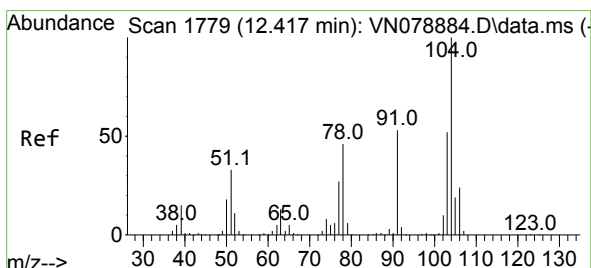
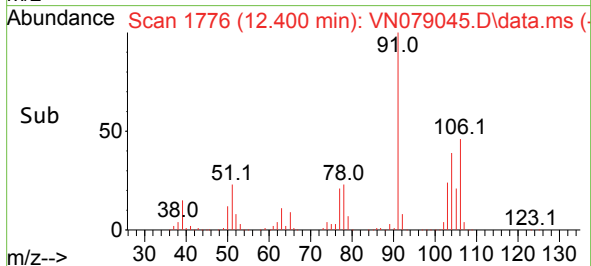
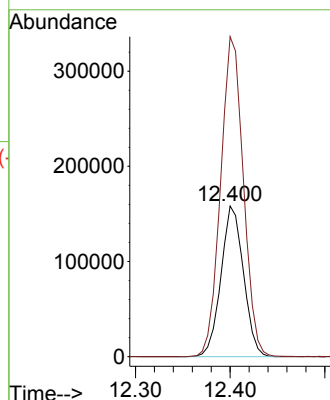
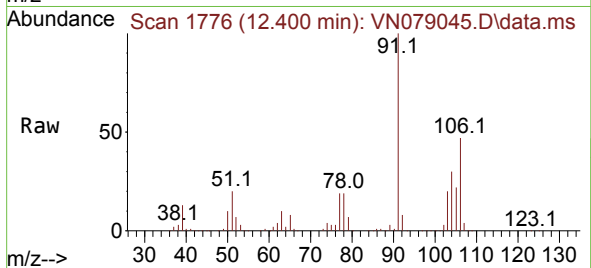




#69  
o-Xylene  
Concen: 54.295 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. -0.000 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

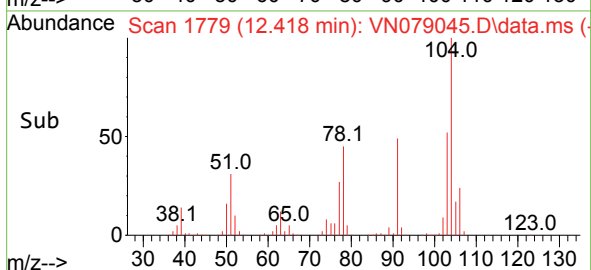
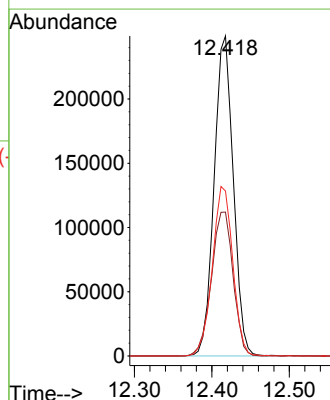
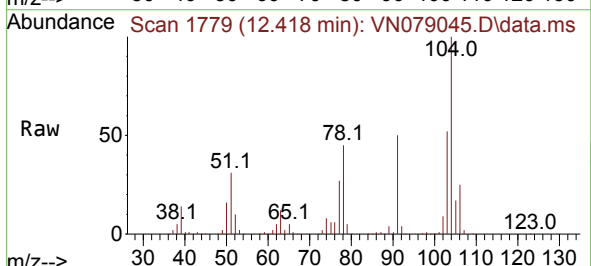
Instrument :  
MSVOA\_N  
ClientSampleId :

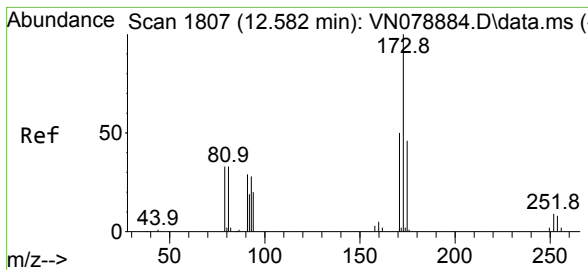
Tgt Ion:106 Resp: 261719  
Ion Ratio Lower Upper  
106 100  
91 215.0 105.2 315.5



#70  
Styrene  
Concen: 53.265 ug/l  
RT: 12.418 min Scan# 1779  
Delta R.T. -0.000 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

Tgt Ion:104 Resp: 428120  
Ion Ratio Lower Upper  
104 100  
78 50.9 39.5 59.3  
103 56.4 43.2 64.8

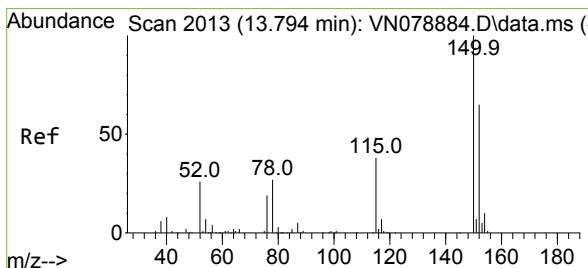
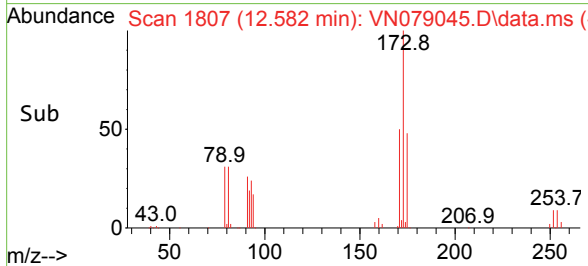
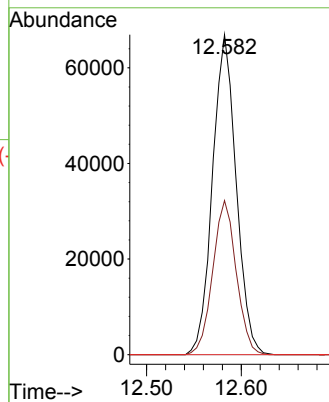
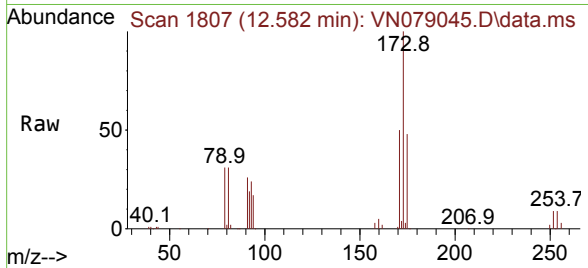




#71  
Bromoform  
Concen: 58.052 ug/l  
RT: 12.582 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

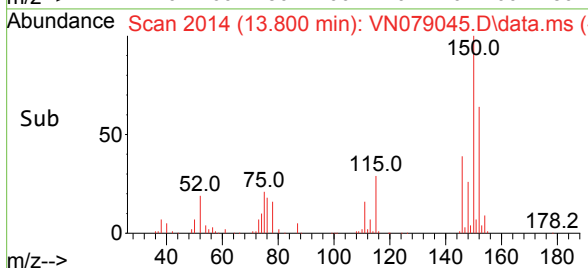
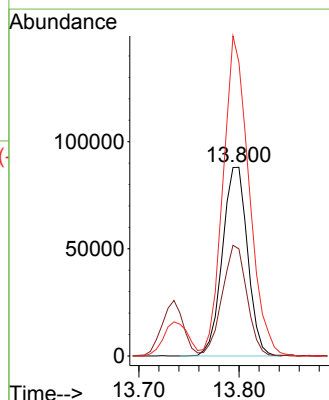
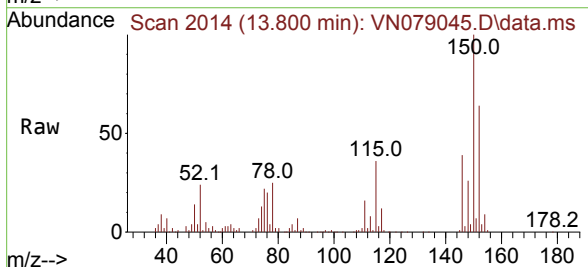
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:173 Resp: 116240  
Ion Ratio Lower Upper  
173 100  
175 47.8 24.3 73.0  
254 0.0 0.0 0.0

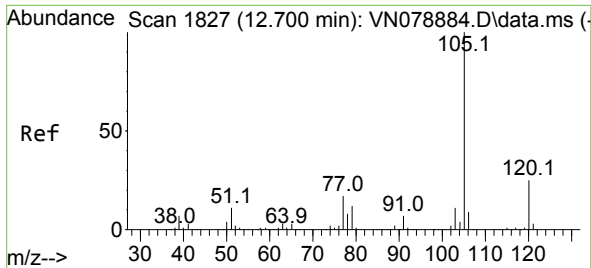


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.800 min Scan# 2014  
Delta R.T. 0.006 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

Tgt Ion:152 Resp: 153388  
Ion Ratio Lower Upper  
152 100  
115 57.9 32.3 96.8  
150 174.9 0.0 355.8



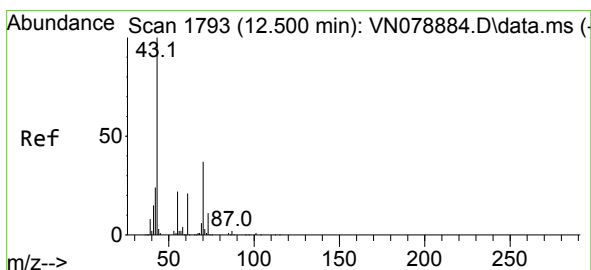
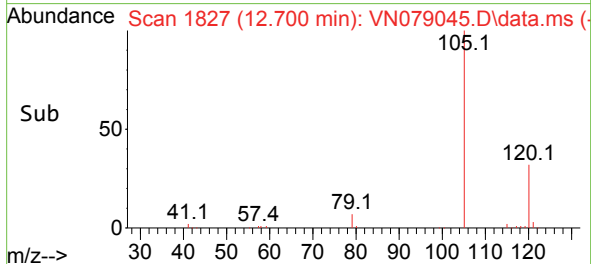
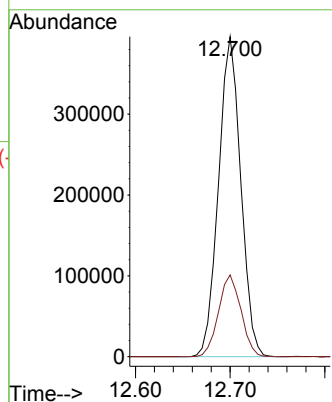
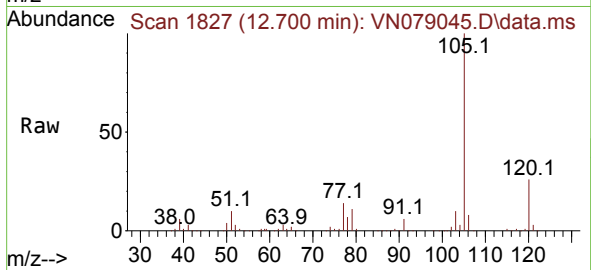




#73  
Isopropylbenzene  
Concen: 50.537 ug/l  
RT: 12.700 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

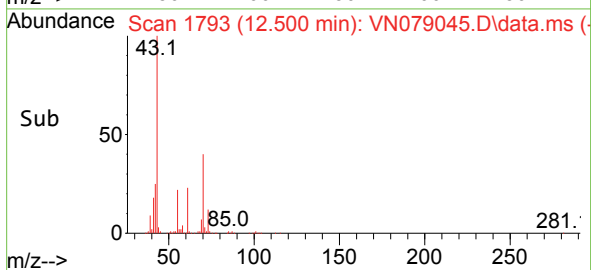
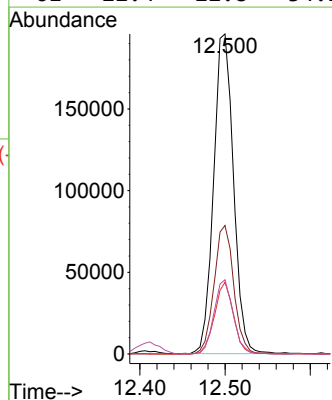
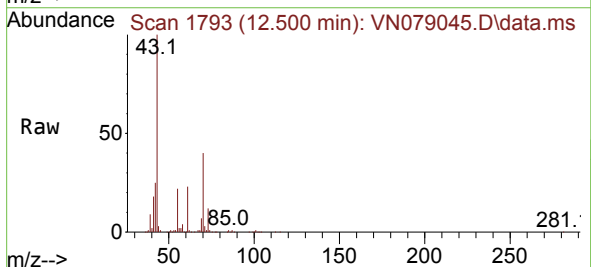
Instrument :  
MSVOA\_N  
ClientSampleId :

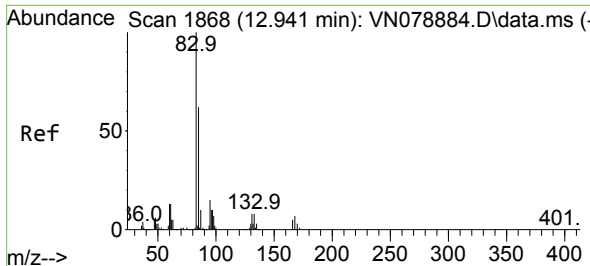
Tgt Ion:105 Resp: 646359  
Ion Ratio Lower Upper  
105 100  
120 25.8 13.1 39.1



#74  
N-ethyl acetate  
Concen: 49.154 ug/l  
RT: 12.500 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

Tgt Ion: 43 Resp: 317331  
Ion Ratio Lower Upper  
43 100  
70 40.0 43.4 65.2#  
55 21.4 21.4 32.0  
61 22.4 22.8 34.2#

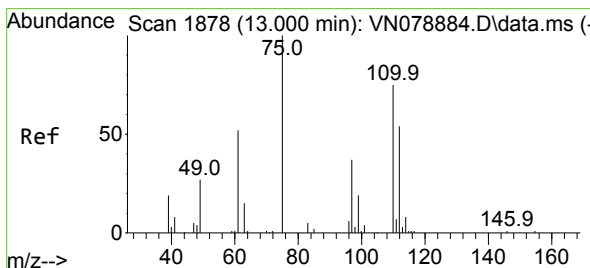
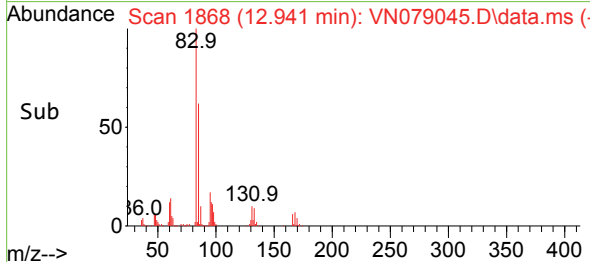
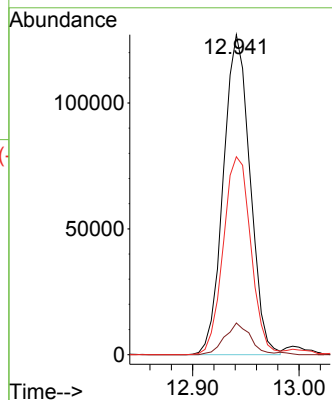
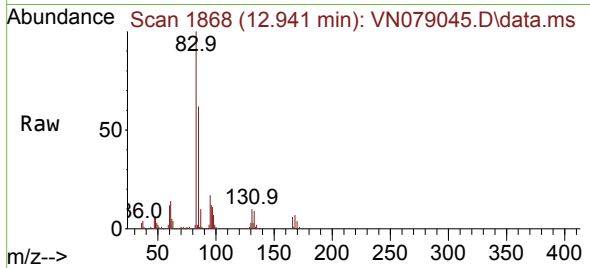




#75  
1,1,2,2-Tetrachloroethane  
Concen: 47.923 ug/l  
RT: 12.941 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

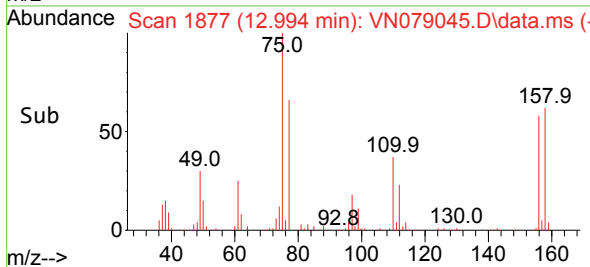
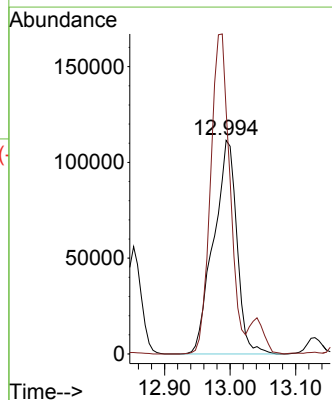
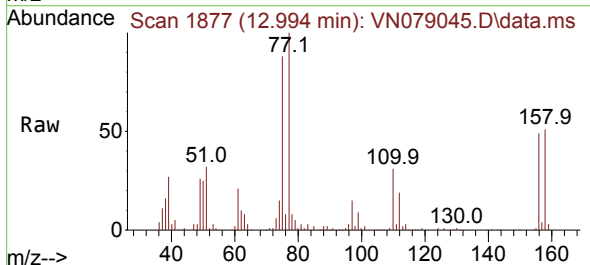
Instrument :  
MSVOA\_N  
ClientSampleId :

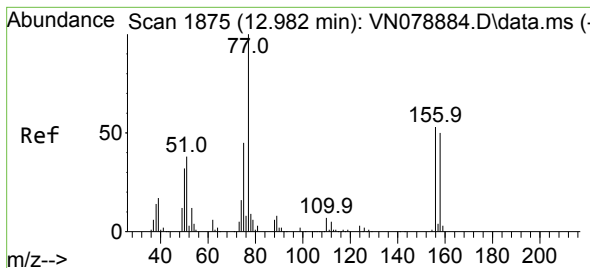
Tgt Ion: 83 Resp: 221312  
Ion Ratio Lower Upper  
83 100  
131 9.8 5.0 15.0  
85 64.0 31.9 95.7



#76  
1,2,3-Trichloropropane  
Concen: 74.204 ug/l  
RT: 12.994 min Scan# 1877  
Delta R.T. -0.006 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

Tgt Ion: 75 Resp: 274250  
Ion Ratio Lower Upper  
75 100  
77 124.8 84.5 253.5





#77

Bromobenzene

Concen: 52.056 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079045.D

Acq: 25 Aug 2023 10:30

Instrument :

MSVOA\_N

ClientSampleId :

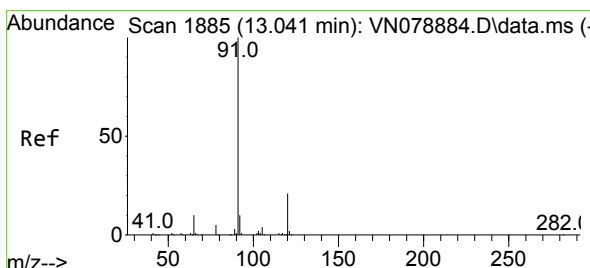
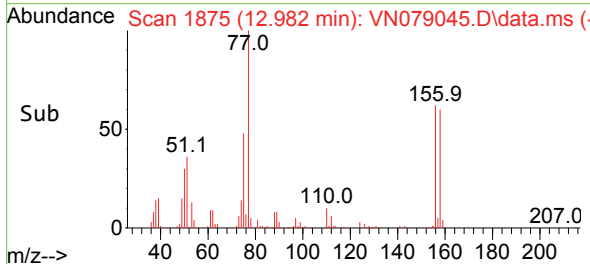
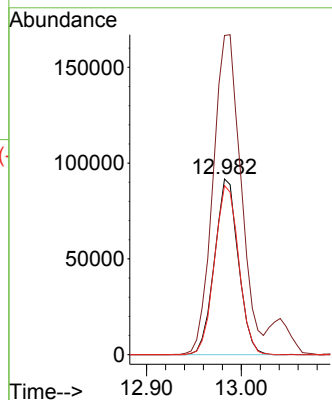
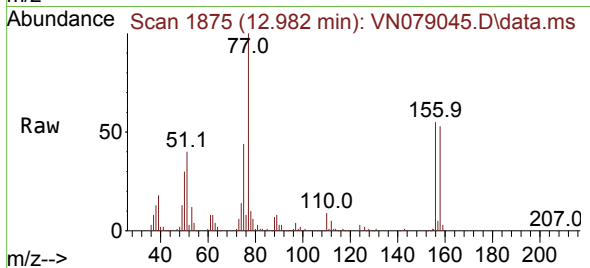
Tgt Ion:156 Resp: 160033

Ion Ratio Lower Upper

156 100

77 213.9 107.7 323.3

158 98.2 48.4 145.3



#78

n-propylbenzene

Concen: 50.294 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079045.D

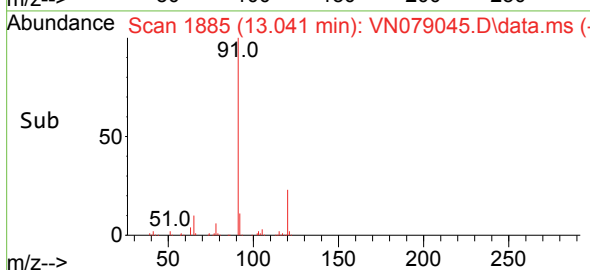
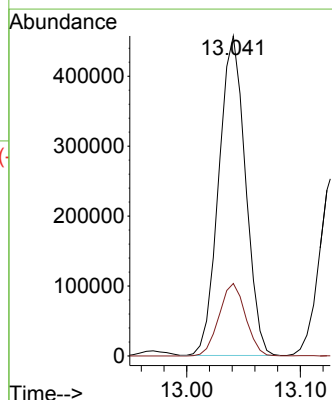
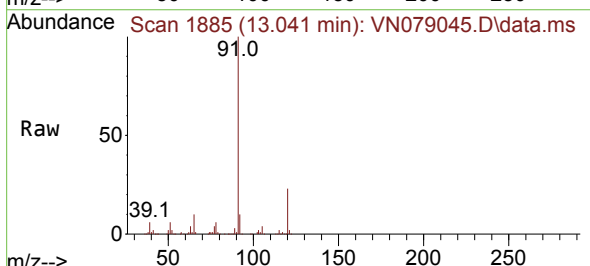
Acq: 25 Aug 2023 10:30

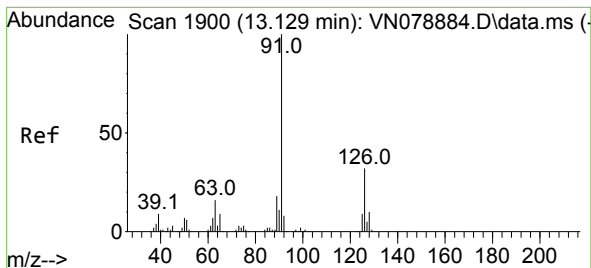
Tgt Ion: 91 Resp: 745915

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 49.180 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079045.D

Acq: 25 Aug 2023 10:30

Instrument :

MSVOA\_N

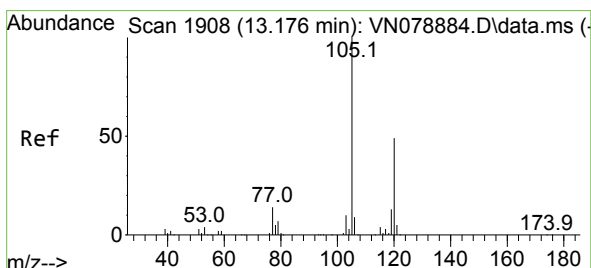
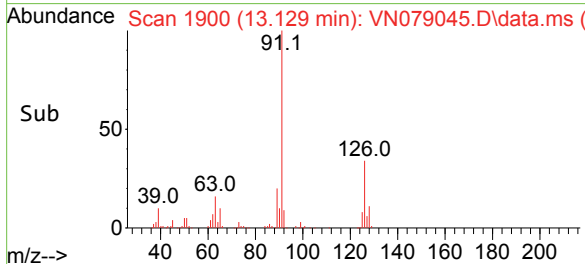
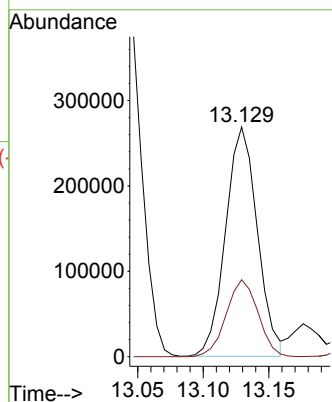
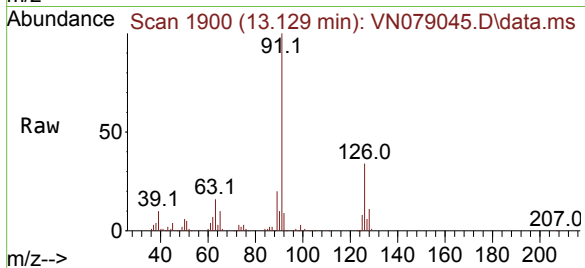
ClientSampleId :

Tgt Ion: 91 Resp: 452456

Ion Ratio Lower Upper

91 100

126 33.6 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 52.041 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079045.D

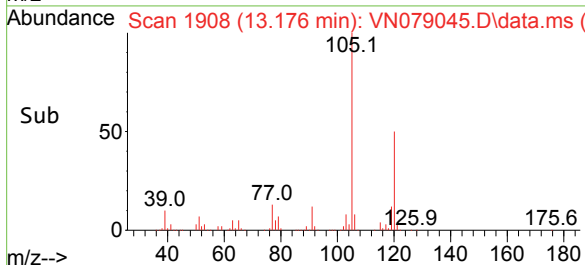
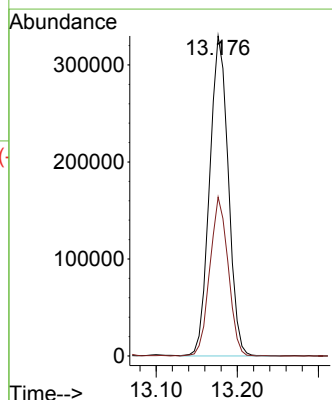
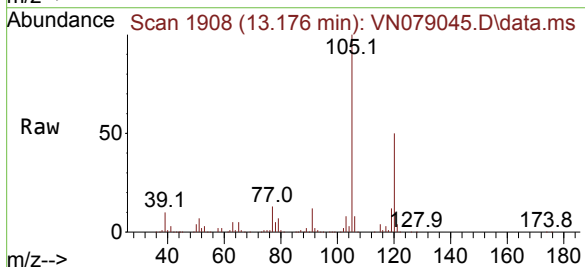
Acq: 25 Aug 2023 10:30

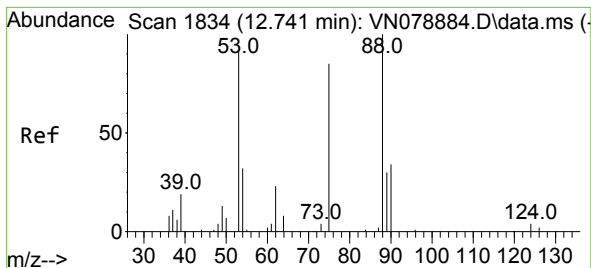
Tgt Ion: 105 Resp: 527462

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.3

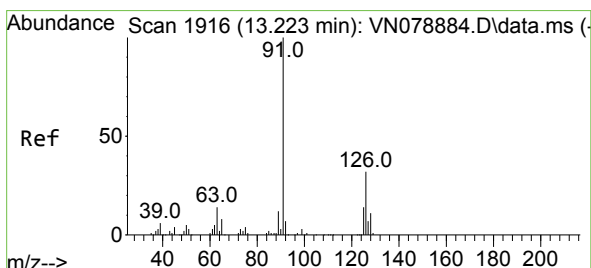
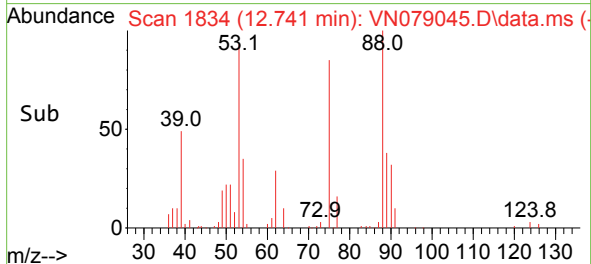
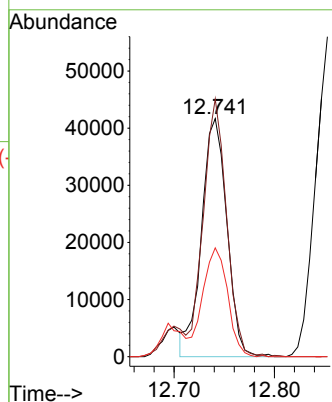
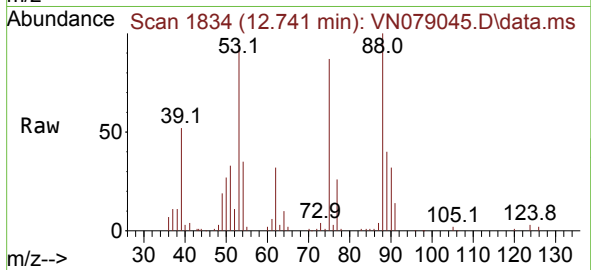




#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.697 ug/l  
RT: 12.741 min Scan# 1834  
Delta R.T. 0.000 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

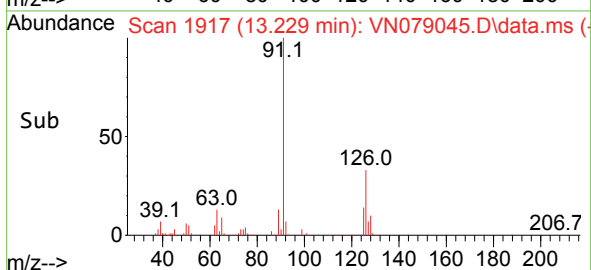
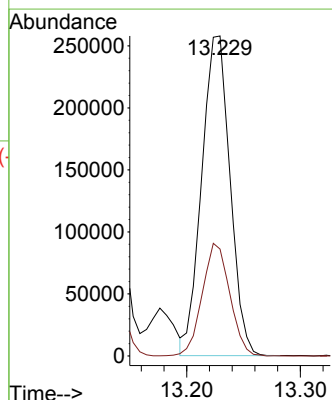
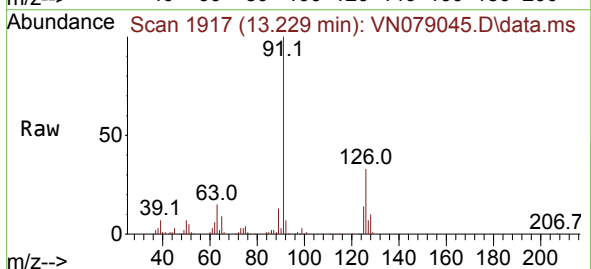
Instrument :  
MSVOA\_N  
ClientSampleId :

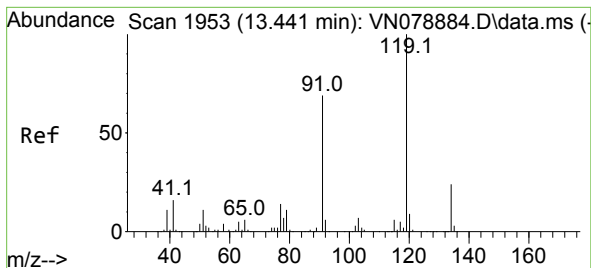
Tgt Ion: 75 Resp: 73348  
Ion Ratio Lower Upper  
75 100  
53 99.4 67.4 101.2  
89 45.4 38.8 58.2



#82  
4-Chlorotoluene  
Concen: 49.615 ug/l  
RT: 13.229 min Scan# 1917  
Delta R.T. 0.000 min  
Lab File: VN079045.D  
Acq: 25 Aug 2023 10:30

Tgt Ion: 91 Resp: 446628  
Ion Ratio Lower Upper  
91 100  
126 34.3 16.7 50.0





#83

tert-Butylbenzene

Concen: 53.487 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN079045.D

Acq: 25 Aug 2023 10:30

Instrument :

MSVOA\_N

ClientSampleId :

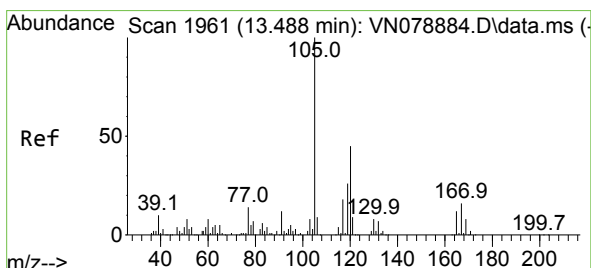
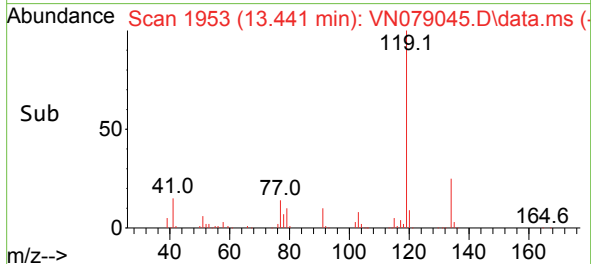
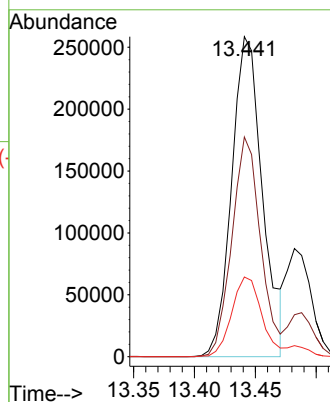
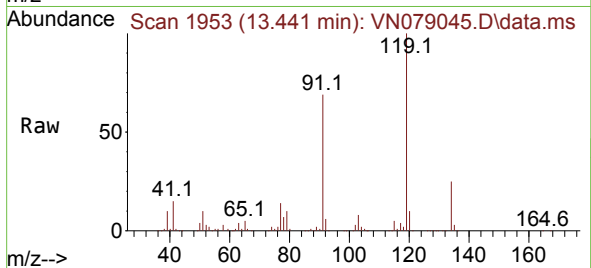
Tgt Ion:119 Resp: 455491

Ion Ratio Lower Upper

119 100

91 64.0 33.9 101.7

134 24.7 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 51.666 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079045.D

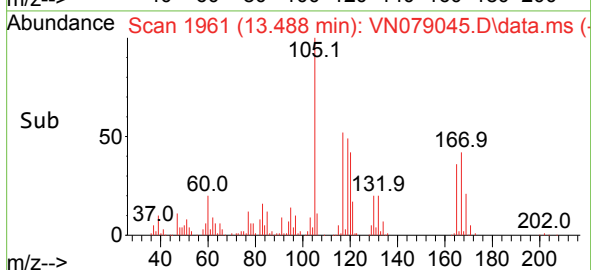
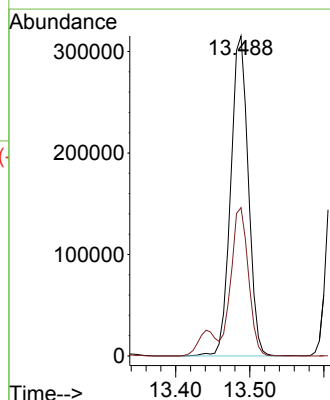
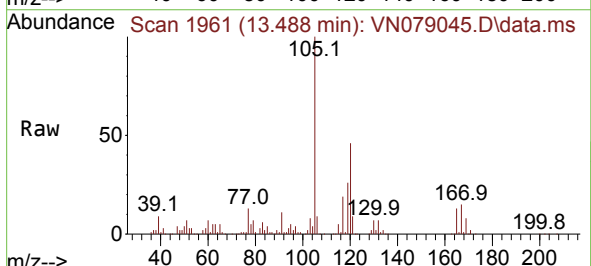
Acq: 25 Aug 2023 10:30

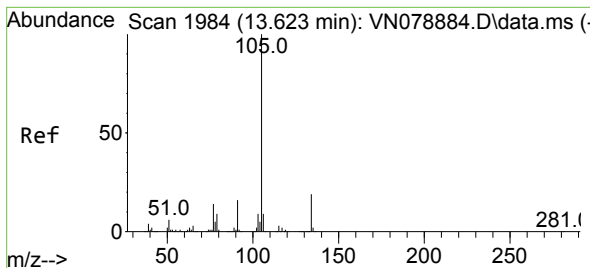
Tgt Ion:105 Resp: 518516

Ion Ratio Lower Upper

105 100

120 45.9 22.0 66.0





#85

sec-Butylbenzene

Concen: 51.803 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.006 min

Lab File: VN079045.D

Acq: 25 Aug 2023 10:30

Instrument :

MSVOA\_N

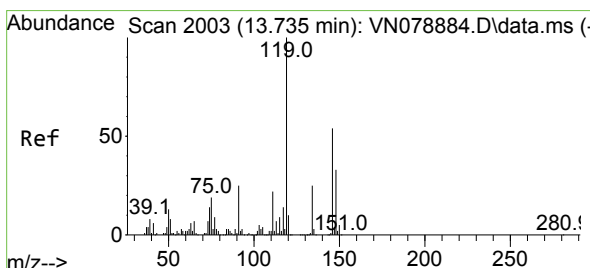
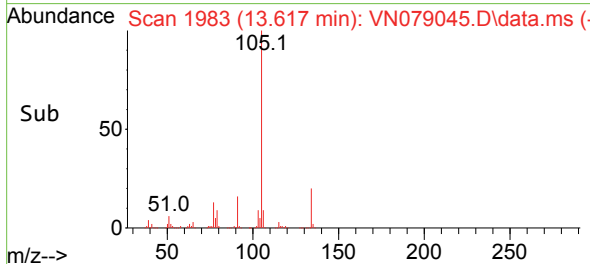
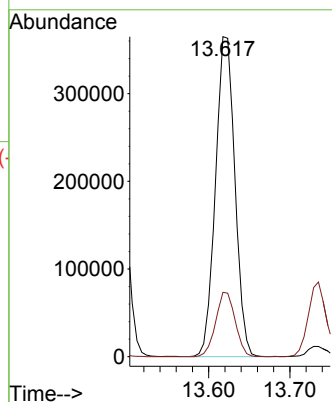
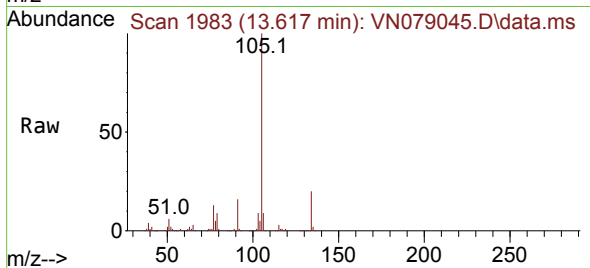
ClientSampleId :

Tgt Ion:105 Resp: 607101

Ion Ratio Lower Upper

105 100

134 20.2 9.8 29.3



#86

p-Isopropyltoluene

Concen: 53.934 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079045.D

Acq: 25 Aug 2023 10:30

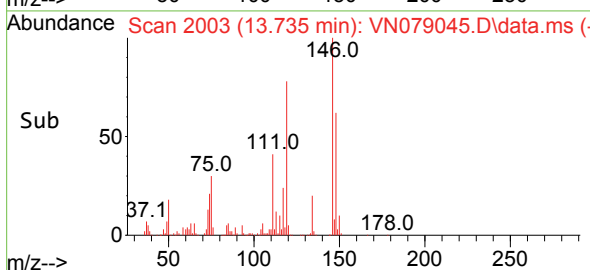
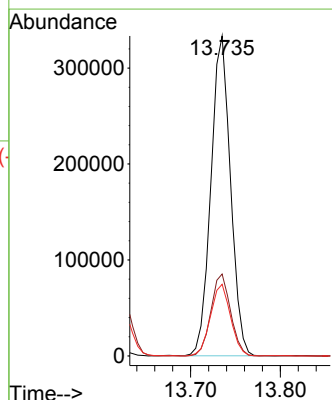
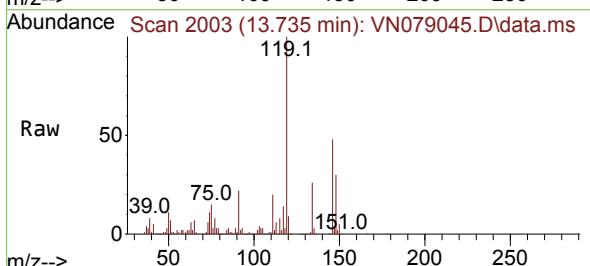
Tgt Ion:119 Resp: 505004

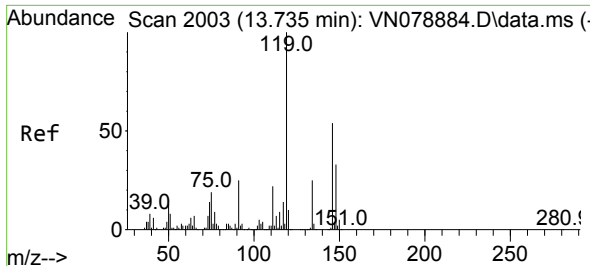
Ion Ratio Lower Upper

119 100

134 25.8 12.6 37.8

91 23.0 12.4 37.2

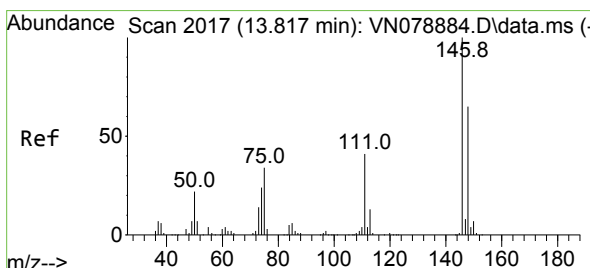
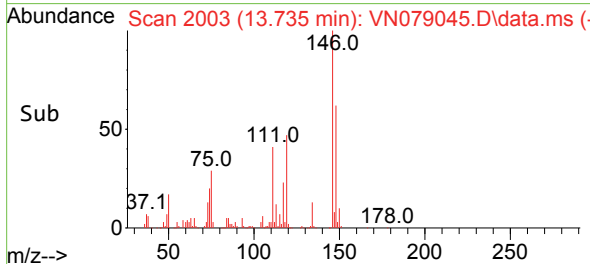
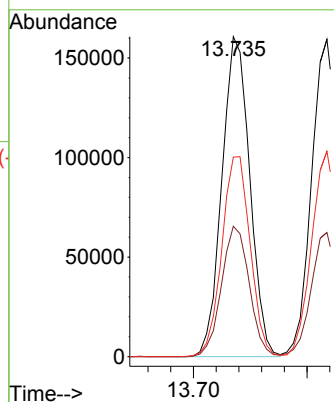
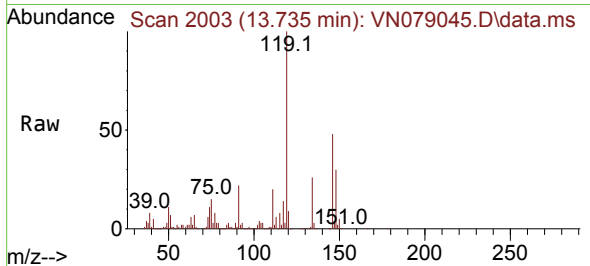




#87  
 1,3-Dichlorobenzene  
 Concen: 51.831 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. -0.006 min  
 Lab File: VN079045.D  
 Acq: 25 Aug 2023 10:30

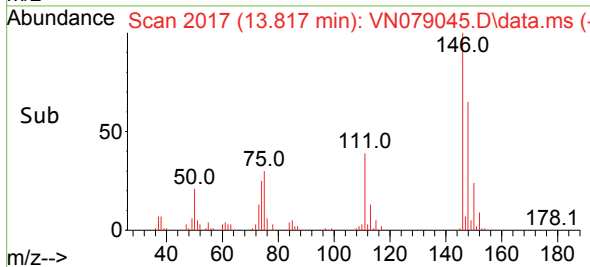
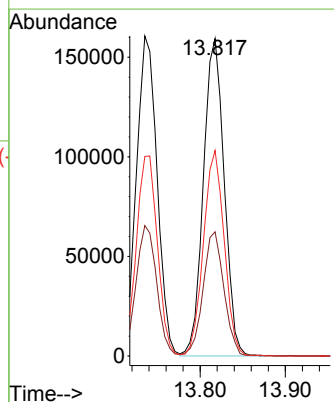
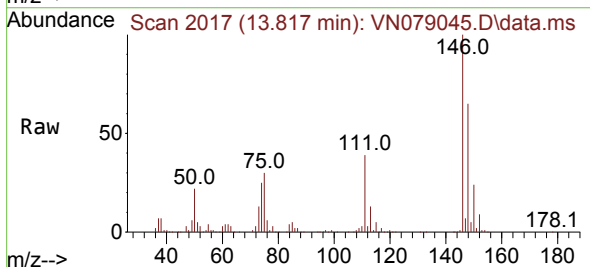
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion:146 Resp: 274188  
 Ion Ratio Lower Upper  
 146 100  
 111 40.6 22.1 66.3  
 148 63.7 32.0 96.0

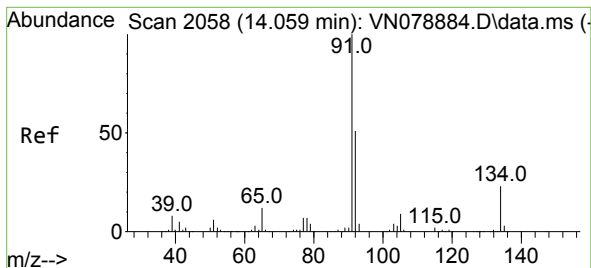


#88  
 1,4-Dichlorobenzene  
 Concen: 51.025 ug/l  
 RT: 13.817 min Scan# 2017  
 Delta R.T. -0.001 min  
 Lab File: VN079045.D  
 Acq: 25 Aug 2023 10:30

Tgt Ion:146 Resp: 270168  
 Ion Ratio Lower Upper  
 146 100  
 111 39.4 20.6 61.8  
 148 64.7 31.6 94.8







#89

n-Butylbenzene

Concen: 53.279 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN079045.D

Acq: 25 Aug 2023 10:30

Instrument :

MSVOA\_N

ClientSampleId :

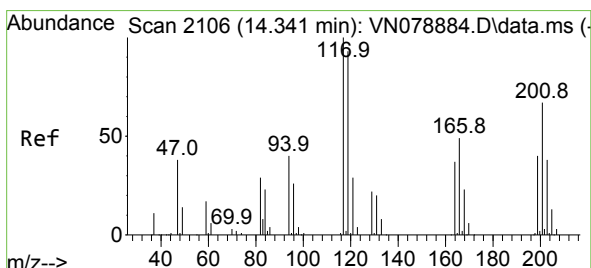
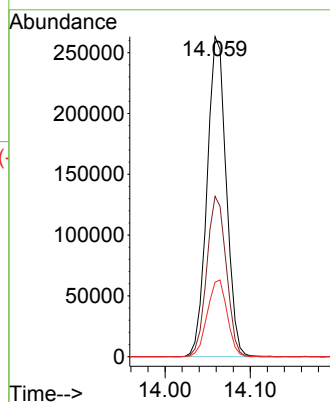
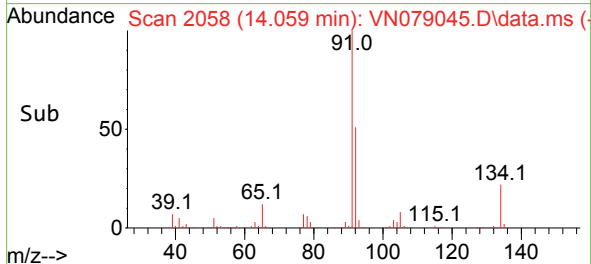
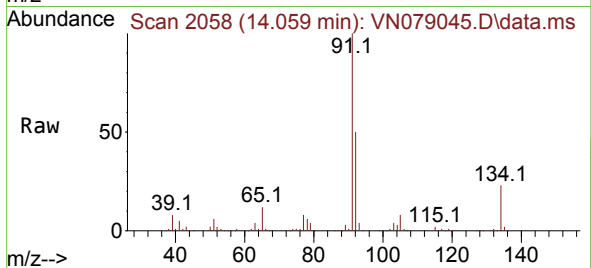
Tgt Ion: 91 Resp: 410545

Ion Ratio Lower Upper

91 100

92 51.1 26.4 79.0

134 24.9 12.6 37.6



#90

Hexachloroethane

Concen: 49.760 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079045.D

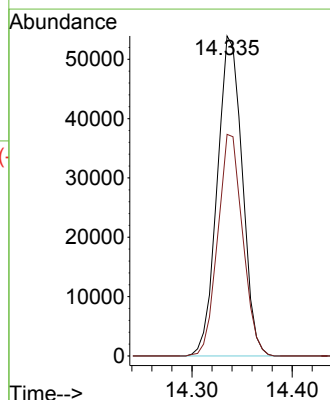
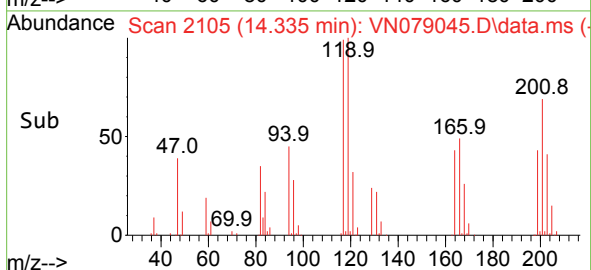
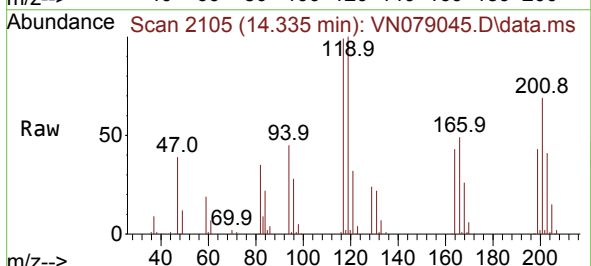
Acq: 25 Aug 2023 10:30

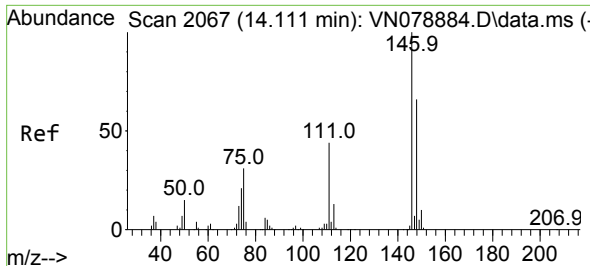
Tgt Ion: 117 Resp: 93397

Ion Ratio Lower Upper

117 100

201 68.9 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 52.389 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN079045.D

Acq: 25 Aug 2023 10:30

Instrument :

MSVOA\_N

ClientSampleId :

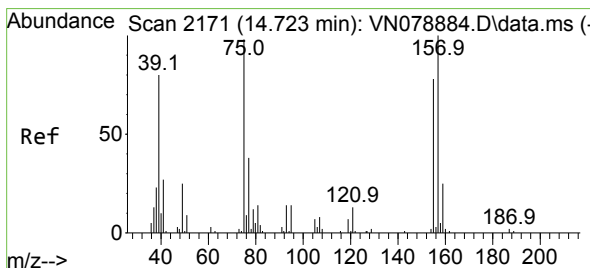
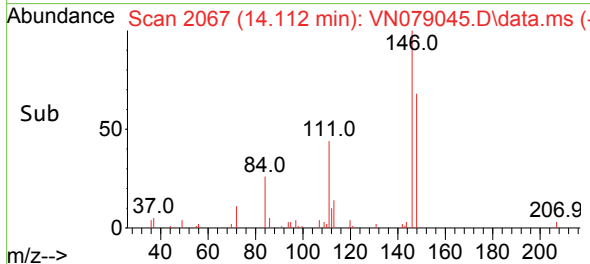
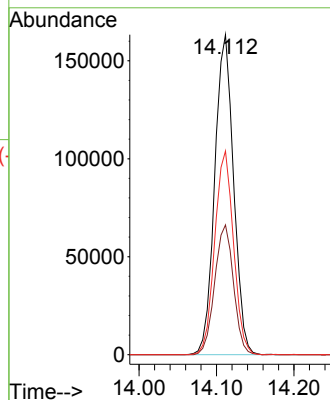
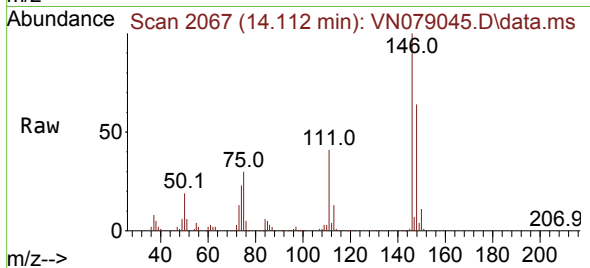
Tgt Ion:146 Resp: 275608

Ion Ratio Lower Upper

146 100

111 40.5 22.0 66.0

148 63.5 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.945 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN079045.D

Acq: 25 Aug 2023 10:30

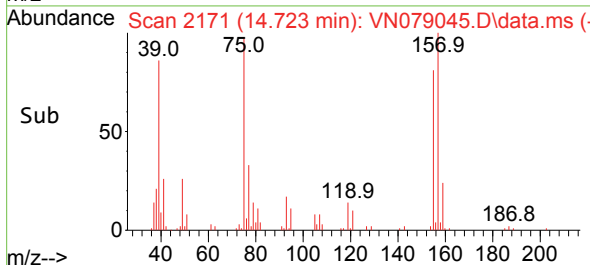
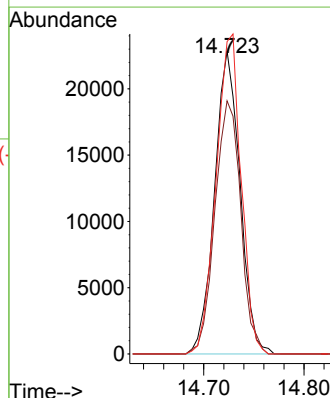
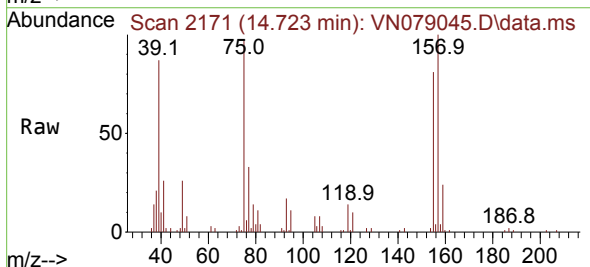
Tgt Ion: 75 Resp: 40238

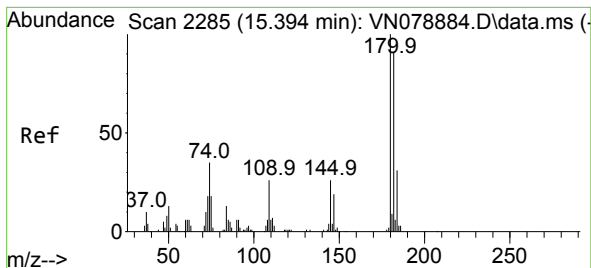
Ion Ratio Lower Upper

75 100

155 84.9 39.1 117.2

157 104.0 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 59.754 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min MSVOA\_N

Lab File: VN079045.D

Acq: 25 Aug 2023 10:30

Instrument :

MSVOA\_N

ClientSampleId :

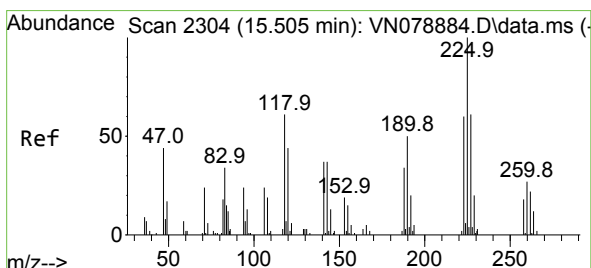
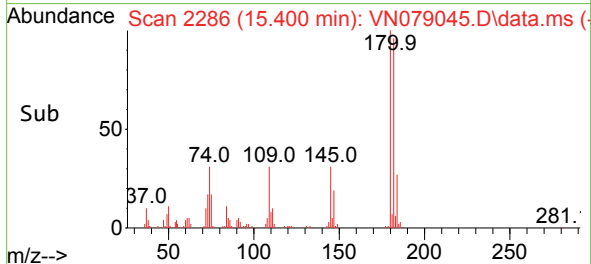
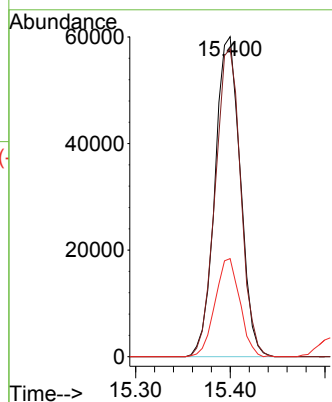
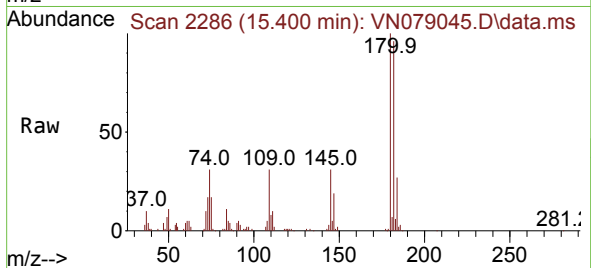
Tgt Ion:180 Resp: 111439

Ion Ratio Lower Upper

180 100

182 96.9 46.1 138.2

145 30.1 16.6 49.8



#94

Hexachlorobutadiene

Concen: 58.072 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN079045.D

Acq: 25 Aug 2023 10:30

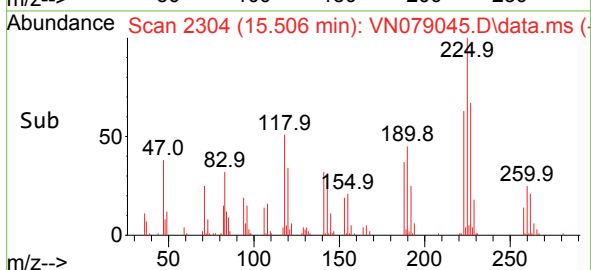
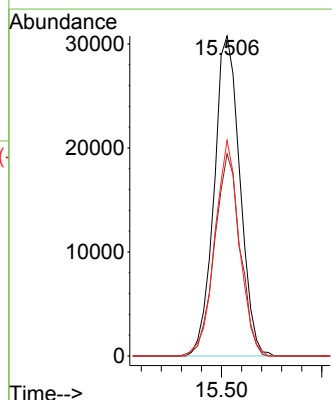
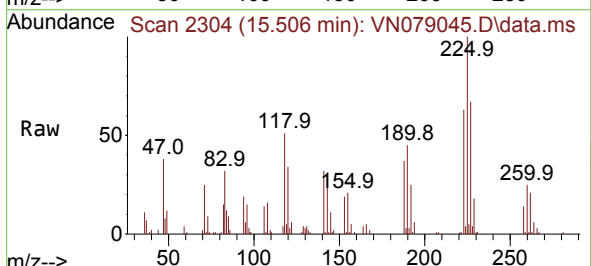
Tgt Ion:225 Resp: 54807

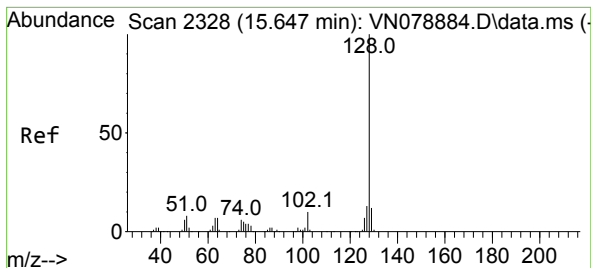
Ion Ratio Lower Upper

225 100

223 62.8 31.3 93.8

227 64.3 31.9 95.9





#95

Naphthalene

Concen: 48.943 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079045.D

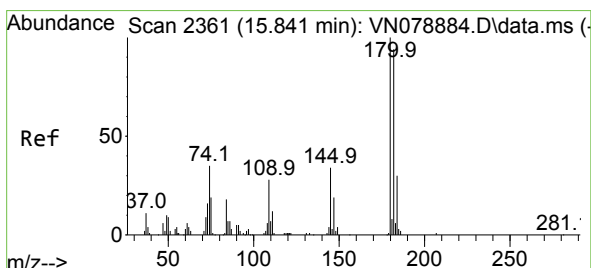
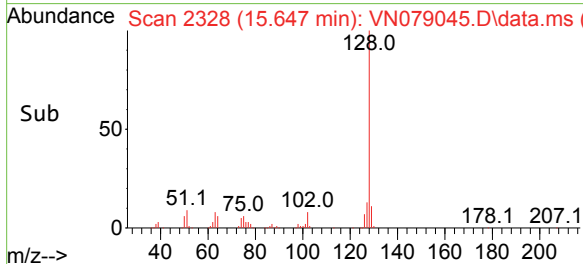
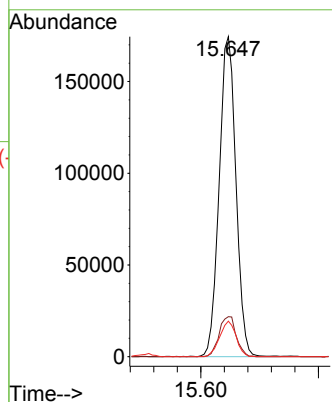
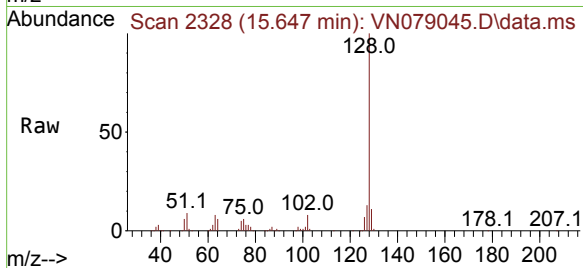
Acq: 25 Aug 2023 10:30

Instrument :

MSVOA\_N

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 345551 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 12.9  | 10.0  | 15.0   |
| 129      | 10.9  | 8.7   | 13.1   |



#96

1,2,3-Trichlorobenzene

Concen: 55.671 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN079045.D

Acq: 25 Aug 2023 10:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 113715 |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 95.2  | 46.2  | 138.6  |
| 145      | 31.6  | 17.5  | 52.6   |

