

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061923\  
 Data File : VN078274.D  
 Acq On : 19 Jun 2023 12:59  
 Operator : JC\MD  
 Sample : VN0619MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0619MBS01

Quant Time: Jun 19 16:03:02 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060623W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 07 05:05:00 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.230  | 168  | 336650   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 607861   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.871 | 117  | 529894   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.800 | 152  | 200964   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.588  | 65    | 225635   | 50.269   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 100.540% |      |
| 35) Dibromofluoromethane    | 8.177  | 113   | 183556   | 47.758   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 95.520%  |      |
| 50) Toluene-d8              | 10.571 | 98    | 675947   | 45.620   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 91.240%  |      |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 211447   | 45.905   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 91.820%  |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.136 | 85  | 64081  | 16.839  | ug/l   | 97  |
| 3) Chloromethane             | 2.371 | 50  | 72518  | 19.130  | ug/l   | 97  |
| 4) Vinyl Chloride            | 2.524 | 62  | 93680  | 18.800  | ug/l   | 98  |
| 5) Bromomethane              | 2.965 | 94  | 78972  | 20.970  | ug/l   | 98  |
| 6) Chloroethane              | 3.130 | 64  | 71958  | 21.183  | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 3.506 | 101 | 174057 | 25.758  | ug/l   | 95  |
| 8) Diethyl Ether             | 3.965 | 74  | 45604  | 19.207  | ug/l   | 78  |
| 9) 1,1,2-Trichlorotrifluo... | 4.377 | 101 | 71961  | 20.178  | ug/l   | 97  |
| 10) Methyl Iodide            | 4.601 | 142 | 94869  | 18.811  | ug/l   | 95  |
| 11) Tert butyl alcohol       | 5.530 | 59  | 62558  | 100.936 | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 4.342 | 96  | 66684  | 18.139  | ug/l   | 97  |
| 13) Acrolein                 | 4.189 | 56  | 67669  | 99.065  | ug/l   | 92  |
| 14) Allyl chloride           | 5.036 | 41  | 89745  | 19.999  | ug/l   | 91  |
| 15) Acrylonitrile            | 5.736 | 53  | 179430 | 112.292 | ug/l   | 100 |
| 16) Acetone                  | 4.442 | 43  | 138202 | 106.969 | ug/l   | 96  |
| 17) Carbon Disulfide         | 4.718 | 76  | 157633 | 16.659  | ug/l   | 98  |
| 18) Methyl Acetate           | 5.042 | 43  | 131779 | 22.154  | ug/l   | 89  |
| 19) Methyl tert-butyl Ether  | 5.806 | 73  | 246938 | 21.053  | ug/l   | 99  |
| 20) Methylene Chloride       | 5.289 | 84  | 83844  | 19.638  | ug/l   | 87  |
| 21) trans-1,2-Dichloroethene | 5.800 | 96  | 74488  | 18.786  | ug/l   | 91  |
| 22) Diisopropyl ether        | 6.683 | 45  | 232952 | 22.069  | ug/l # | 91  |
| 23) Vinyl Acetate            | 6.612 | 43  | 677242 | 107.930 | ug/l # | 91  |
| 24) 1,1-Dichloroethane       | 6.577 | 63  | 150824 | 21.659  | ug/l   | 98  |
| 25) 2-Butanone               | 7.494 | 43  | 225989 | 113.746 | ug/l # | 87  |
| 26) 2,2-Dichloropropane      | 7.500 | 77  | 119206 | 23.185  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 7.500 | 96  | 90849  | 19.209  | ug/l   | 92  |
| 28) Bromochloromethane       | 7.818 | 49  | 76556  | 23.945  | ug/l   | 85  |
| 29) Tetrahydrofuran          | 7.847 | 42  | 146798 | 110.526 | ug/l # | 85  |
| 30) Chloroform               | 7.971 | 83  | 163408 | 21.793  | ug/l   | 89  |
| 31) Cyclohexane              | 8.265 | 56  | 112978 | 19.622  | ug/l   | 91  |
| 32) 1,1,1-Trichloroethane    | 8.177 | 97  | 136716 | 20.768  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.383 | 75  | 109812 | 19.919  | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.571 | 43  | 94848  | 22.023  | ug/l # | 96  |
| 38) Carbon Tetrachloride     | 8.371 | 117 | 120545 | 20.708  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.606 | 83  | 95599  | 16.733  | ug/l   | 92  |
| 40) Benzene                  | 8.612 | 78  | 337742 | 20.521  | ug/l   | 98  |

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 Sample : VN0619MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0619MBS01

Quant Time: Jun 19 16:03:02 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060623W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 07 05:05:00 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.789  | 41   | 49775    | 21.323  | ug/l   | 91       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 125263   | 22.198  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 170111   | 20.654  | ug/l   | 93       |
| 44) Trichloroethene           | 9.359  | 130  | 85758    | 19.730  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.630  | 63   | 90096    | 22.002  | ug/l   | 97       |
| 46) Dibromomethane            | 9.712  | 93   | 61430    | 20.367  | ug/l   | 93       |
| 47) Bromodichloromethane      | 9.894  | 83   | 129174   | 23.056  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.688  | 41   | 73734    | 21.332  | ug/l   | 91       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 29995    | 412.887 | ug/l # | 80       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 490937   | 113.192 | ug/l   | 94       |
| 52) Toluene                   | 10.635 | 92   | 207828   | 20.000  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 128870   | 22.086  | ug/l   | 94       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 137303   | 21.288  | ug/l # | 91       |
| 55) 1,1,2-Trichloroethane     | 11.024 | 97   | 88994    | 22.639  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.882 | 69   | 121003   | 21.140  | ug/l # | 87       |
| 57) 1,3-Dichloropropane       | 11.171 | 76   | 146875   | 22.135  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 225132   | 97.366  | ug/l   | 92       |
| 59) 2-Hexanone                | 11.200 | 43   | 337613   | 111.794 | ug/l   | 91       |
| 60) Dibromochloromethane      | 11.365 | 129  | 94897    | 22.061  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.477 | 107  | 86537    | 20.977  | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.106 | 164  | 66738    | 18.879  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.894 | 112  | 223170   | 19.666  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 88276    | 21.150  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.971 | 91   | 388031   | 19.817  | ug/l   | 97       |
| 68) m/p-Xylenes               | 12.076 | 106  | 294742   | 39.498  | ug/l   | 98       |
| 69) o-Xylene                  | 12.406 | 106  | 145610   | 19.870  | ug/l   | 98       |
| 70) Styrene                   | 12.418 | 104  | 231773   | 20.090  | ug/l   | 97       |
| 71) Bromoform                 | 12.582 | 173  | 58771    | 21.819  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.700 | 105  | 358305   | 18.854  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.500 | 43   | 118875   | 18.996  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 126913   | 22.957  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 13.000 | 75   | 141857   | 29.859  | ug/l   | 70       |
| 77) Bromobenzene              | 12.982 | 156  | 84380    | 19.127  | ug/l   | 100      |
| 78) n-propylbenzene           | 13.041 | 91   | 406067   | 19.667  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 254143   | 19.069  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 295266   | 19.191  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 36575    | 23.653  | ug/l # | 82       |
| 82) 4-Chlorotoluene           | 13.229 | 91   | 238425   | 19.168  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 244784   | 18.303  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.488 | 105  | 288051   | 19.310  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.618 | 105  | 311463   | 17.793  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 248890   | 17.521  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.741 | 146  | 140810   | 18.870  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.818 | 146  | 137516   | 19.098  | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.059 | 91   | 184544   | 16.470  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.335 | 117  | 49864    | 19.780  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 14.112 | 146  | 139127   | 19.077  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 20043    | 21.293  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.400 | 180  | 40702    | 15.664  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 24240    | 17.278  | ug/l   | 99       |
| 95) Naphthalene               | 15.647 | 128  | 125258   | 14.331  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 47027    | 16.182  | ug/l   | 95       |

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Sample : VN0619MBS01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 6 Sample Multiplier: 1

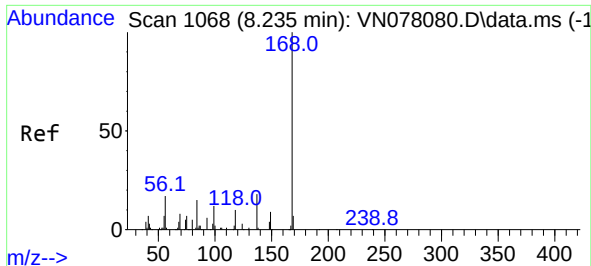
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

Quant Time: Jun 19 16:03:02 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060623W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 07 05:05:00 2023  
Response via : Initial Calibration

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

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

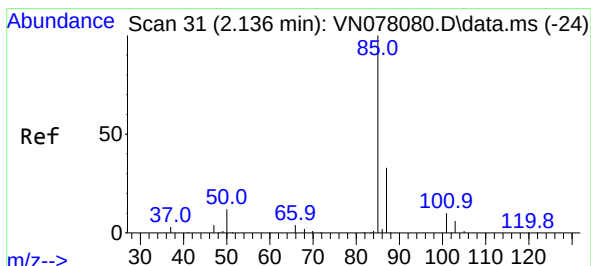
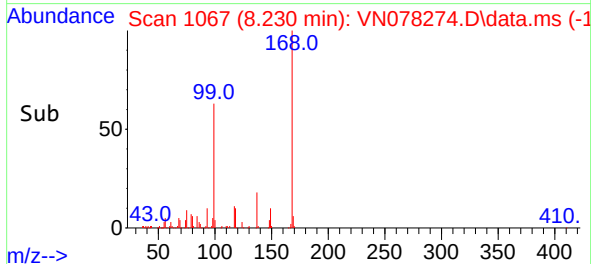
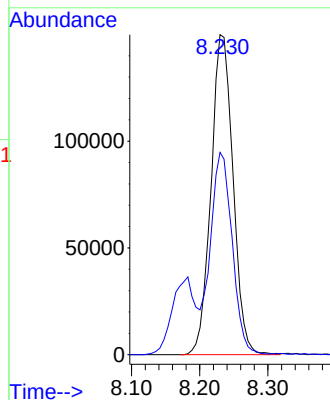
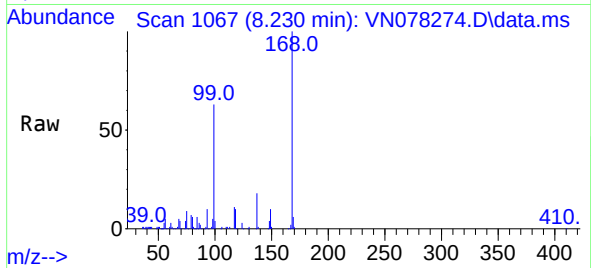




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 10  
Delta R.T. -0.005 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

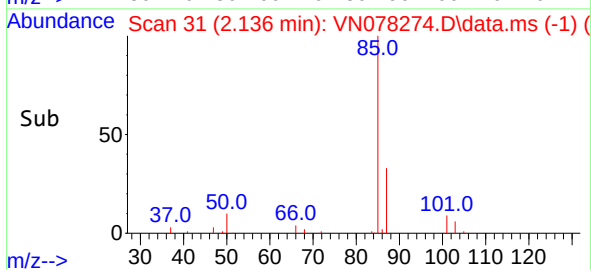
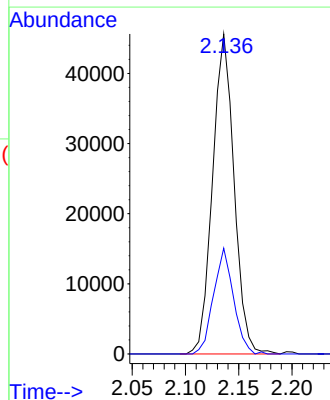
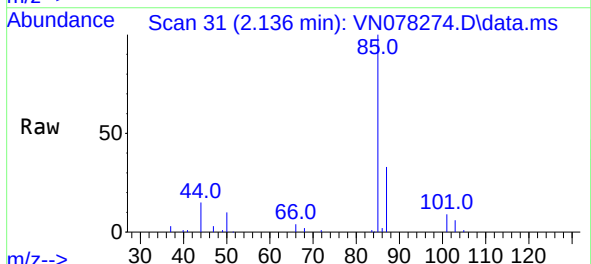
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MSVOA\_N  
ClientSampleId :  
VN0619MBS01

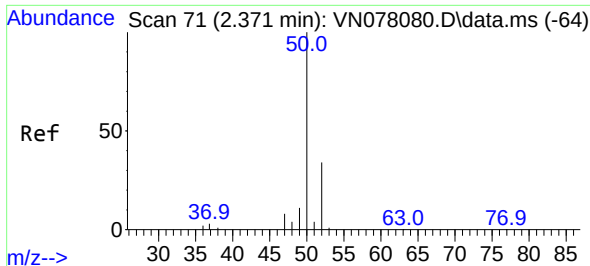
Tgt Ion:168 Resp: 336650  
Ion Ratio Lower Upper  
168 100  
99 62.8 53.0 79.6



#2  
Dichlorodifluoromethane  
Concen: 16.839 ug/l  
RT: 2.136 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion: 85 Resp: 64081  
Ion Ratio Lower Upper  
85 100  
87 33.1 15.8 47.4

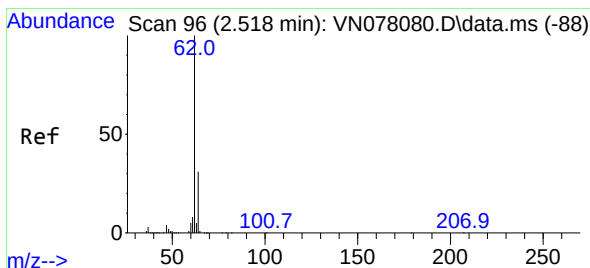
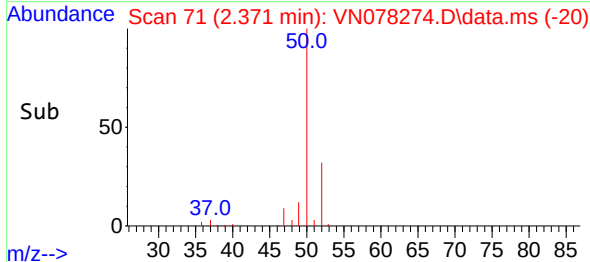
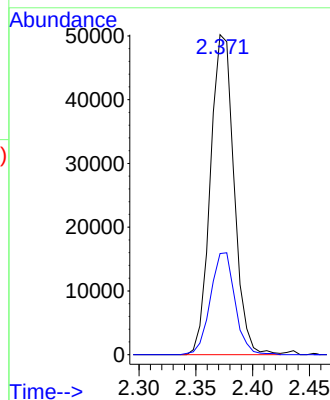
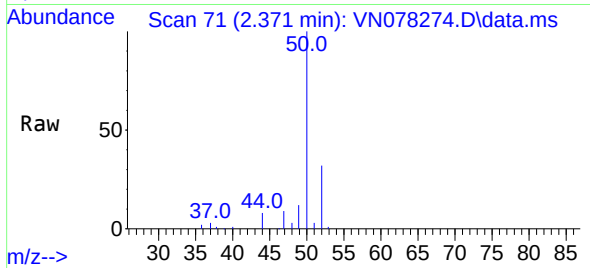




#3  
Chloromethane  
Concen: 19.130 ug/l  
RT: 2.371 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

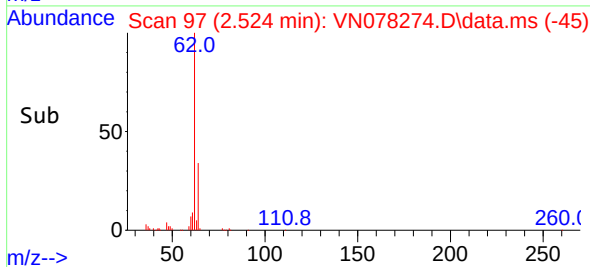
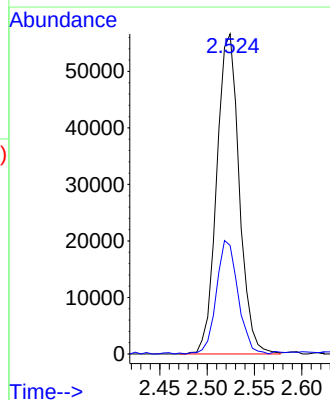
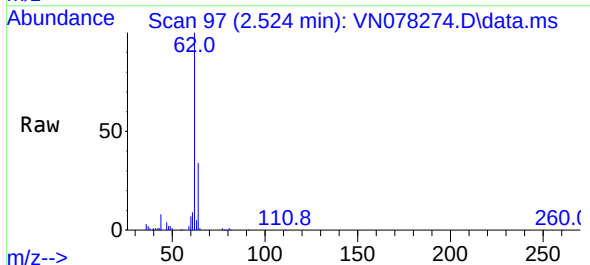
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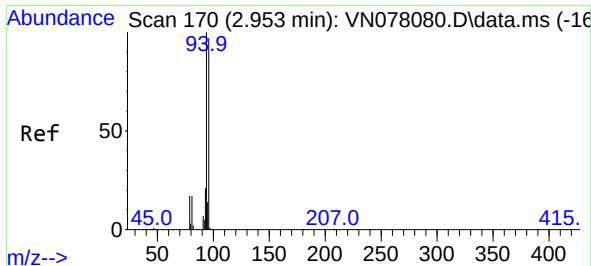
Tgt Ion: 50 Resp: 72518  
Ion Ratio Lower Upper  
50 100  
52 31.6 26.5 39.7



#4  
Vinyl Chloride  
Concen: 18.800 ug/l  
RT: 2.524 min Scan# 97  
Delta R.T. 0.006 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion: 62 Resp: 93680  
Ion Ratio Lower Upper  
62 100  
64 33.6 26.2 39.2

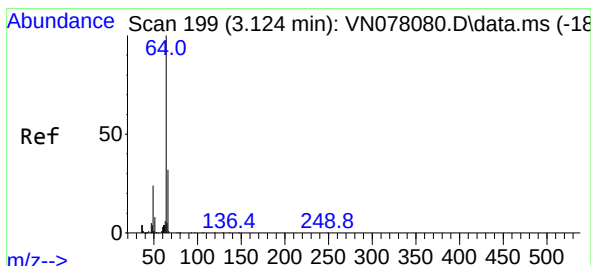
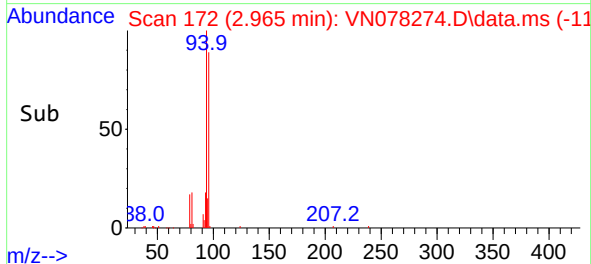
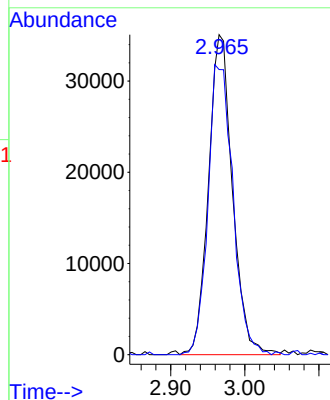
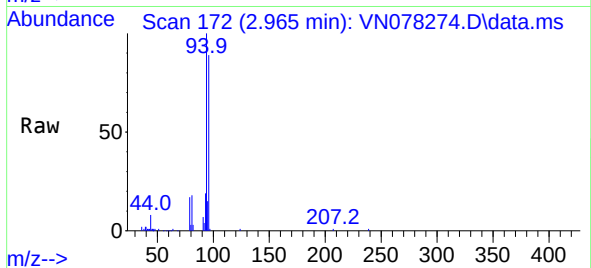




#5  
Bromomethane  
Concen: 20.970 ug/l  
RT: 2.965 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

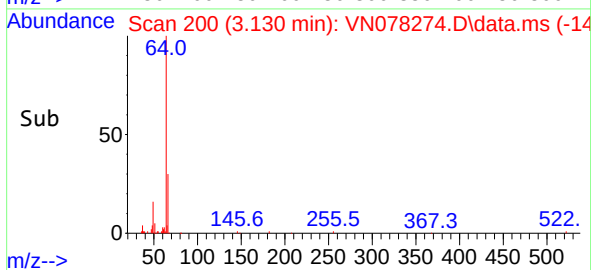
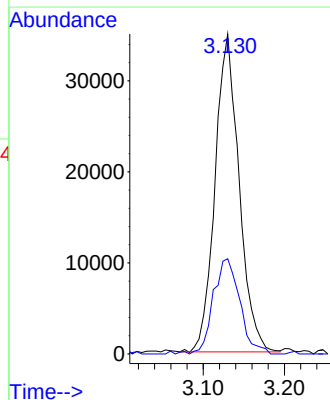
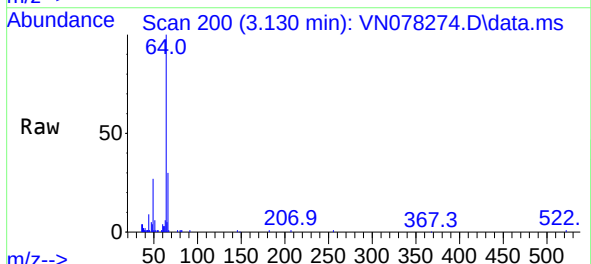
Instrument :  
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VN0619MBS01

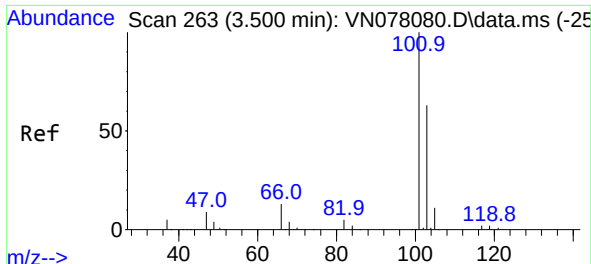
Tgt Ion: 94 Resp: 78972  
Ion Ratio Lower Upper  
94 100  
96 89.1 73.1 109.7



#6  
Chloroethane  
Concen: 21.183 ug/l  
RT: 3.130 min Scan# 200  
Delta R.T. 0.006 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion: 64 Resp: 71958  
Ion Ratio Lower Upper  
64 100  
66 29.9 25.4 38.2

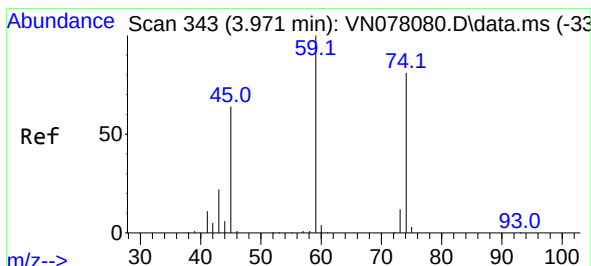
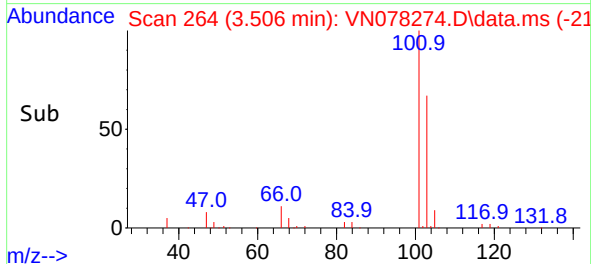
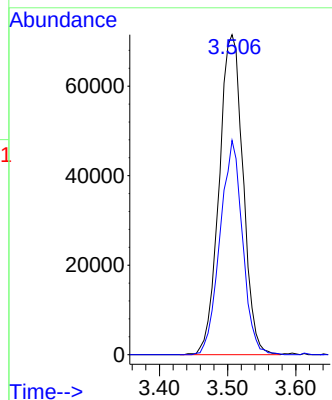
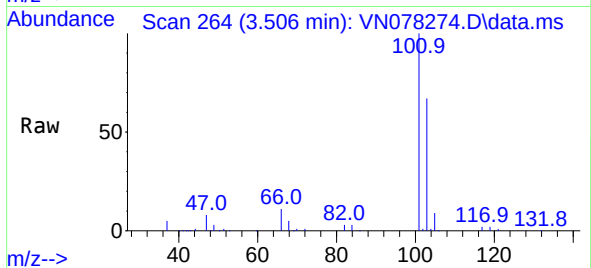




#7  
Trichlorofluoromethane  
Concen: 25.758 ug/l  
RT: 3.506 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

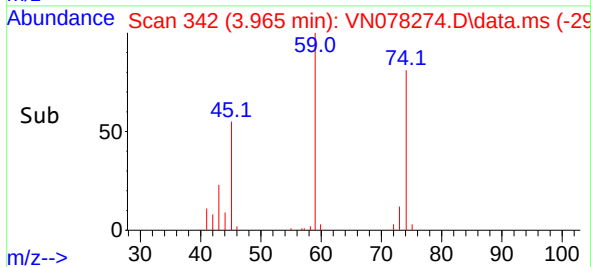
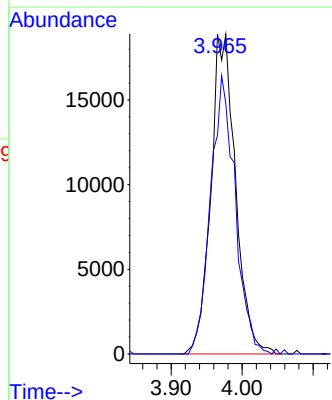
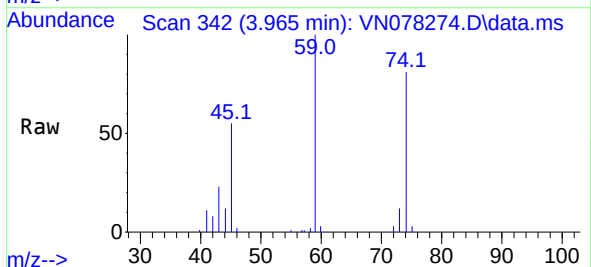
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

Tgt Ion:101 Resp: 174057  
Ion Ratio Lower Upper  
101 100  
103 66.9 50.7 76.1

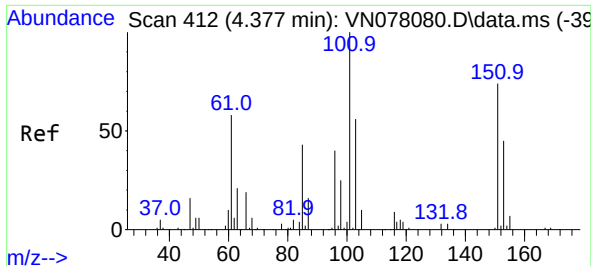


#8  
Diethyl Ether  
Concen: 19.207 ug/l  
RT: 3.965 min Scan# 342  
Delta R.T. -0.006 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion: 74 Resp: 45604  
Ion Ratio Lower Upper  
74 100  
45 86.7 34.4 103.3



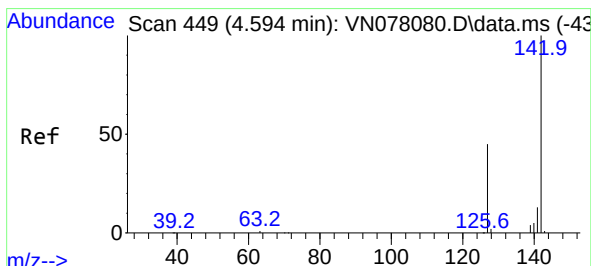
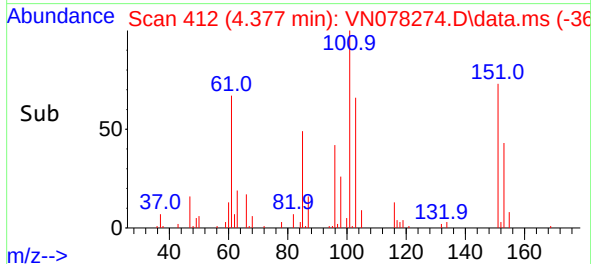
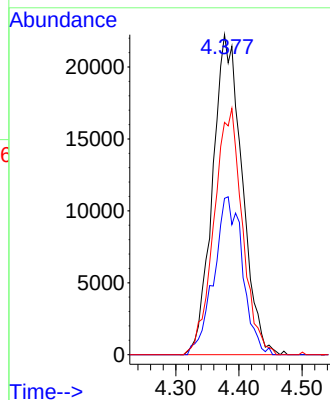
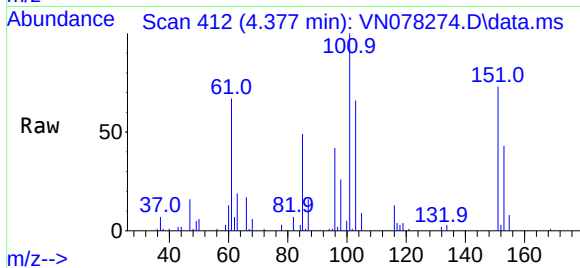




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.178 ug/l  
RT: 4.377 min Scan# 412  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

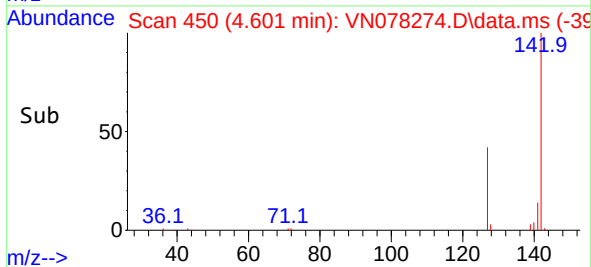
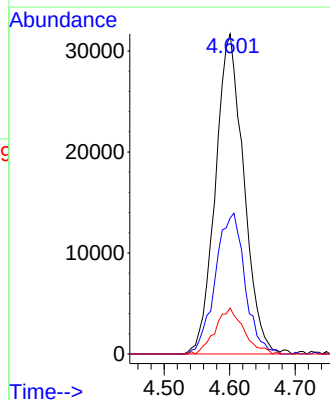
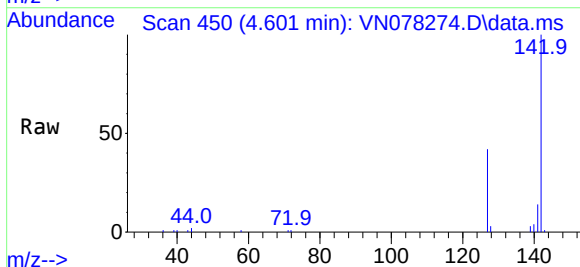
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

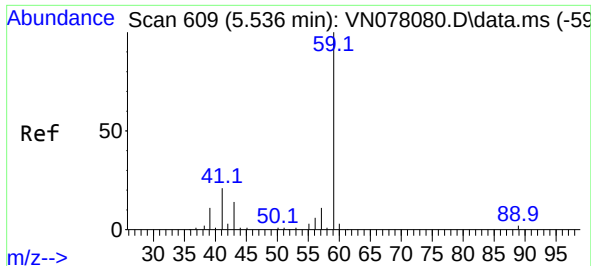
Tgt Ion:101 Resp: 71961  
Ion Ratio Lower Upper  
101 100  
85 48.1 36.6 55.0  
151 74.3 57.6 86.4



#10  
Methyl Iodide  
Concen: 18.811 ug/l  
RT: 4.601 min Scan# 450  
Delta R.T. 0.006 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion:142 Resp: 94869  
Ion Ratio Lower Upper  
142 100  
127 42.4 37.6 56.4  
141 14.3 11.4 17.0

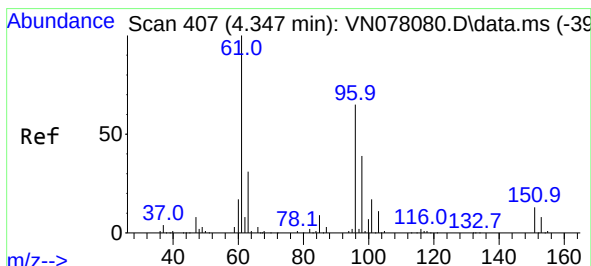
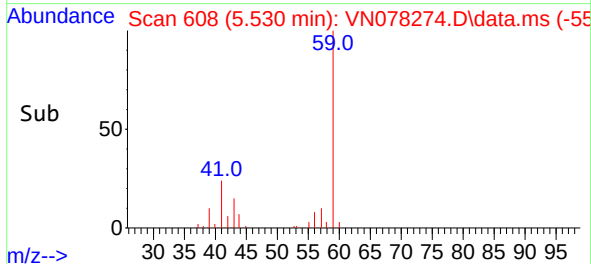
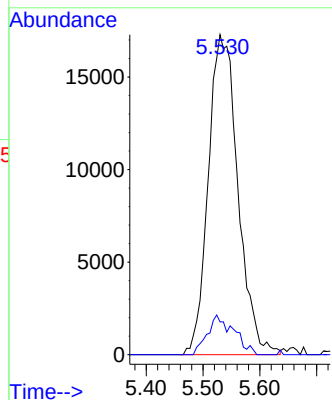
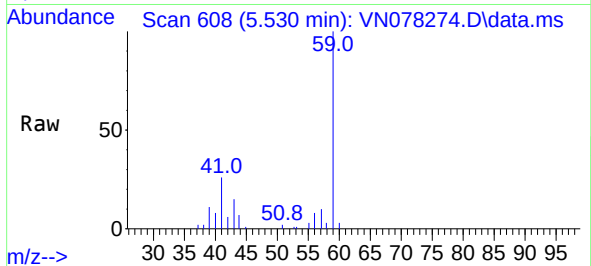




#11  
Tert butyl alcohol  
Concen: 100.936 ug/l  
RT: 5.530 min Scan# 609  
Delta R.T. -0.006 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

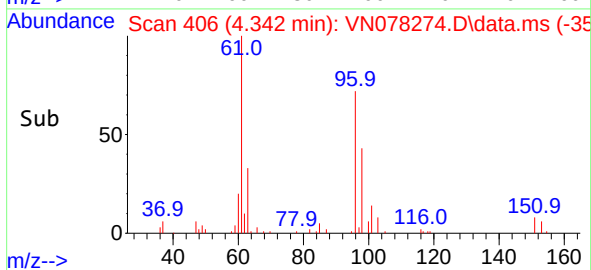
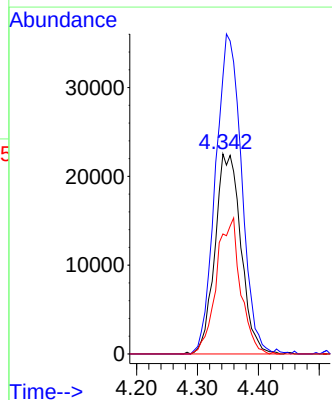
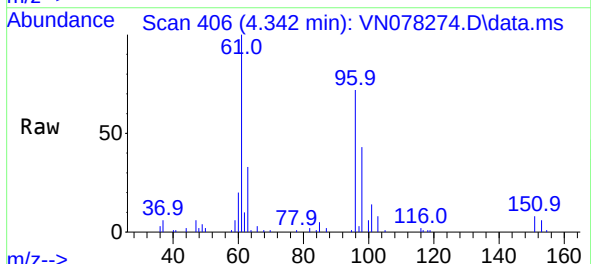
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

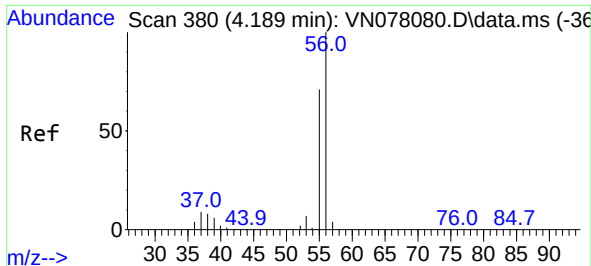
Tgt Ion: 59 Resp: 62558  
Ion Ratio Lower Upper  
59 100  
57 11.1 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 18.139 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. -0.006 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion: 96 Resp: 66684  
Ion Ratio Lower Upper  
96 100  
61 138.6 112.7 169.1  
98 60.0 51.2 76.8

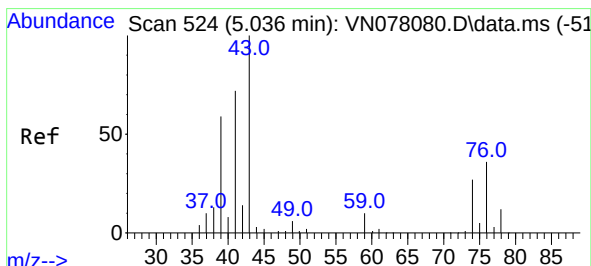
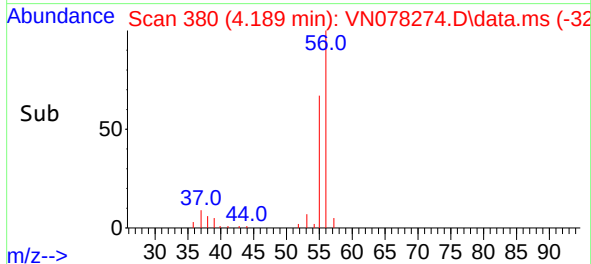
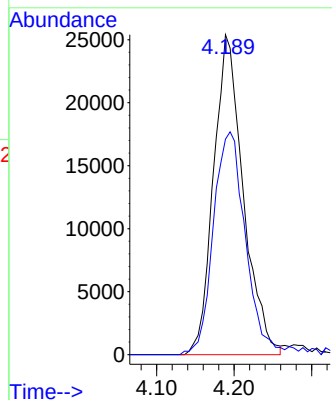
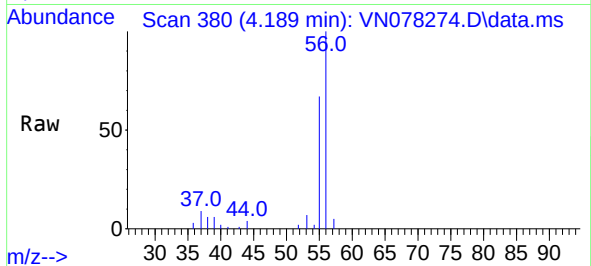




#13  
Acrolein  
Concen: 99.065 ug/l  
RT: 4.189 min Scan# 380  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

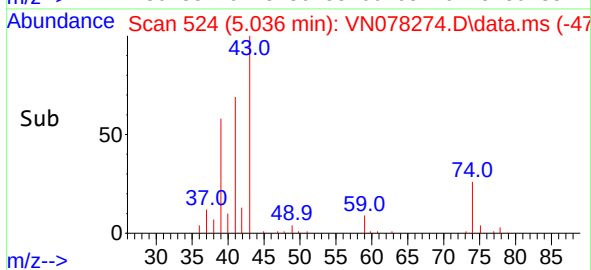
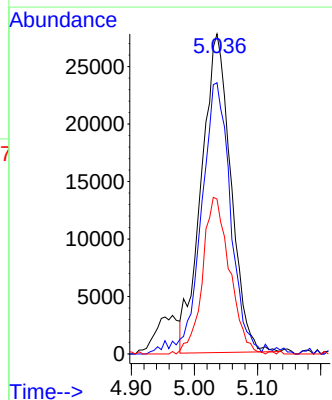
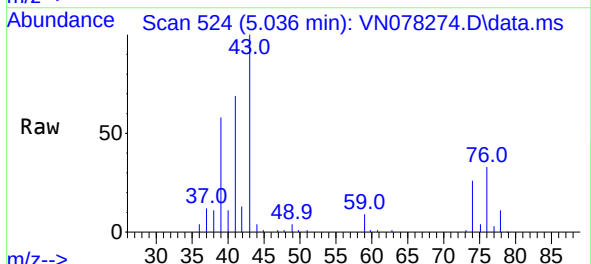
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

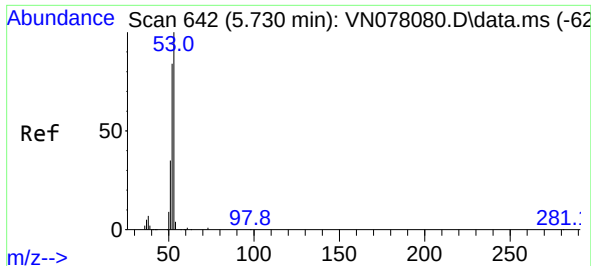
Tgt Ion: 56 Resp: 67669  
Ion Ratio Lower Upper  
56 100  
55 74.8 54.5 81.7



#14  
Allyl chloride  
Concen: 19.999 ug/l  
RT: 5.036 min Scan# 524  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion: 41 Resp: 89745  
Ion Ratio Lower Upper  
41 100  
39 82.6 58.8 88.2  
76 45.3 39.1 58.7

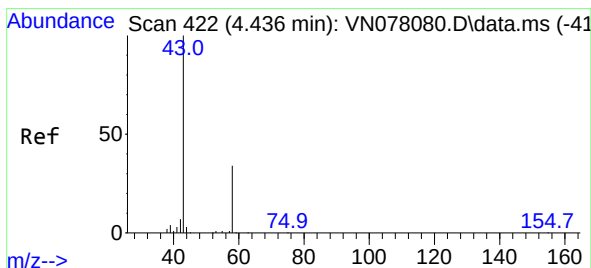
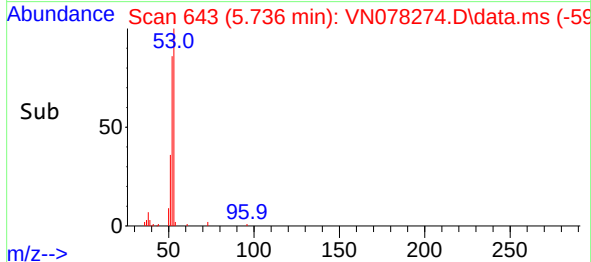
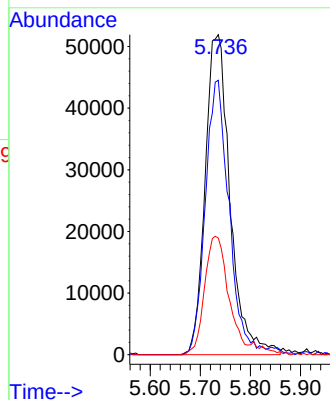
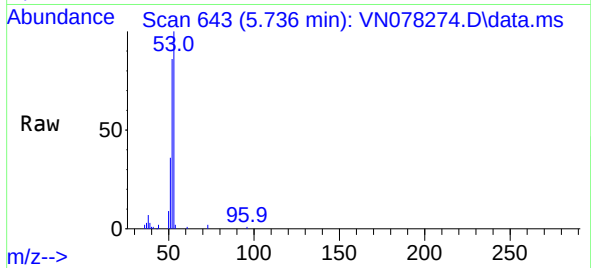




#15  
Acrylonitrile  
Concen: 112.292 ug/l  
RT: 5.736 min Scan# 642  
Delta R.T. 0.006 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

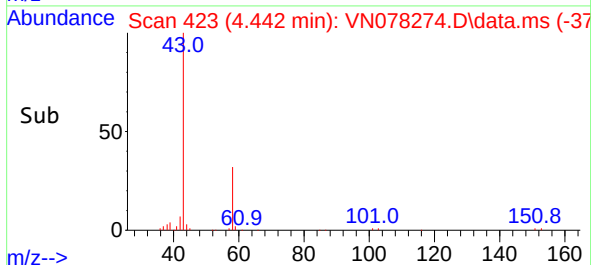
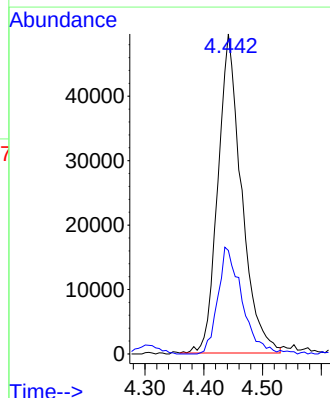
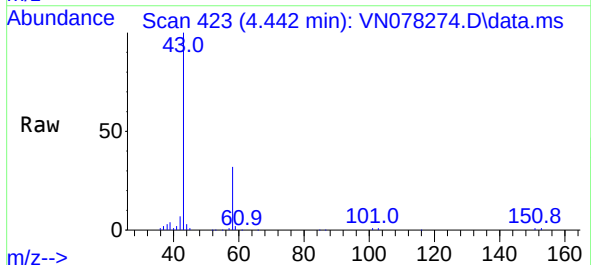
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

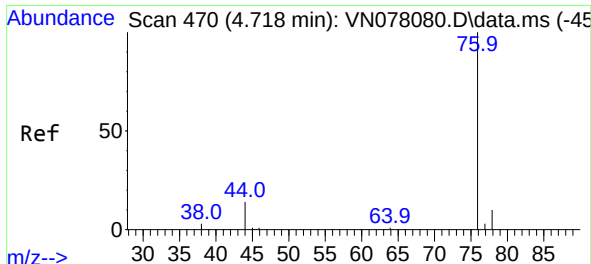
Tgt Ion: 53 Resp: 179430  
Ion Ratio Lower Upper  
53 100  
52 81.5 65.3 97.9  
51 35.5 28.9 43.3



#16  
Acetone  
Concen: 106.969 ug/l  
RT: 4.442 min Scan# 423  
Delta R.T. 0.006 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion: 43 Resp: 138202  
Ion Ratio Lower Upper  
43 100  
58 32.4 28.0 42.0

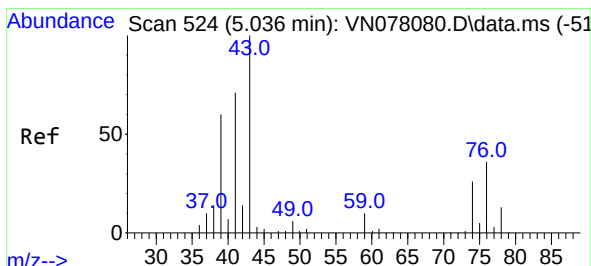
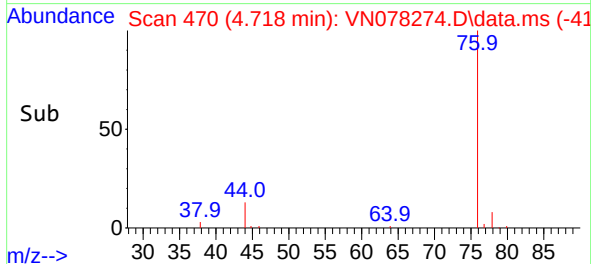
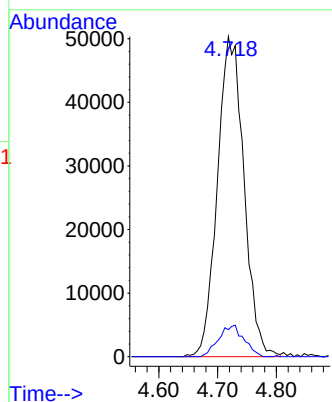
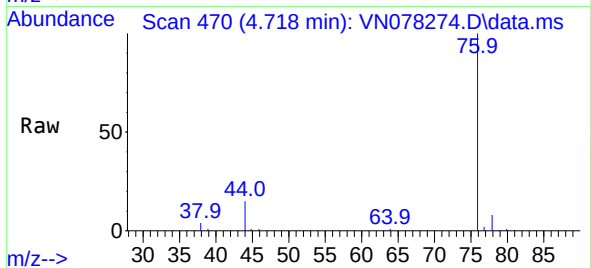




#17  
Carbon Disulfide  
Concen: 16.659 ug/l  
RT: 4.718 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

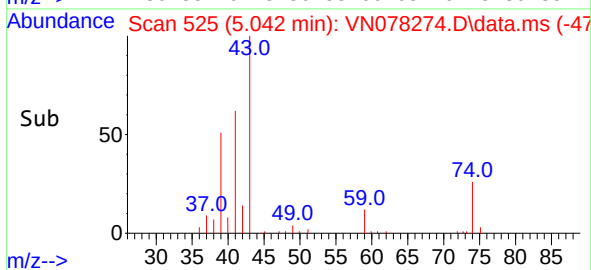
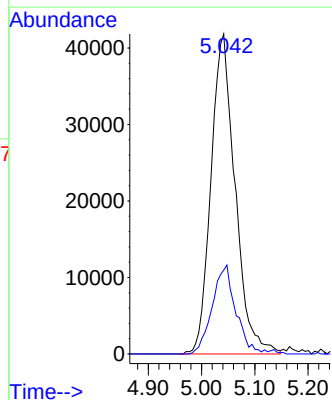
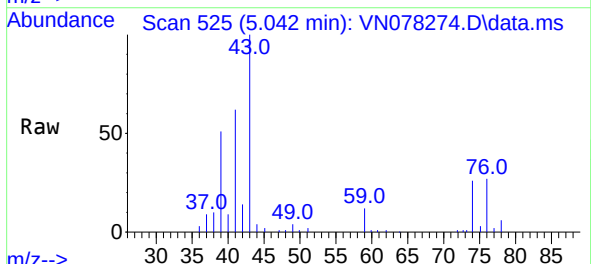
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

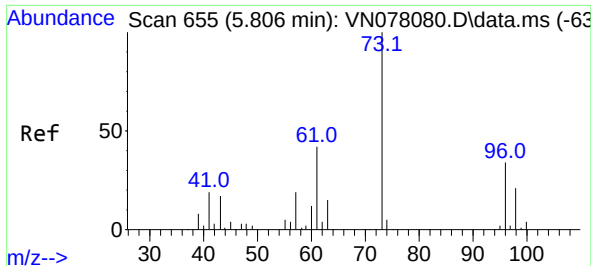
Tgt Ion: 76 Resp: 157633  
Ion Ratio Lower Upper  
76 100  
78 8.5 7.4 11.0



#18  
Methyl Acetate  
Concen: 22.154 ug/l  
RT: 5.042 min Scan# 525  
Delta R.T. 0.006 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion: 43 Resp: 131779  
Ion Ratio Lower Upper  
43 100  
74 26.8 26.2 39.4

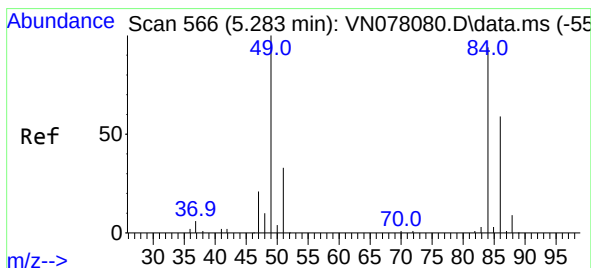
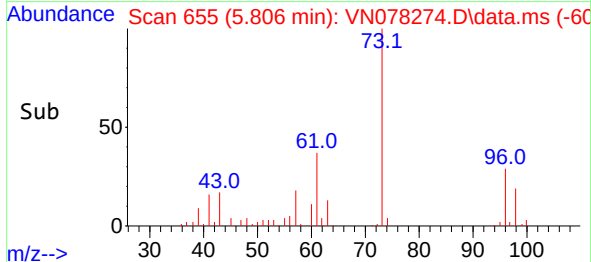
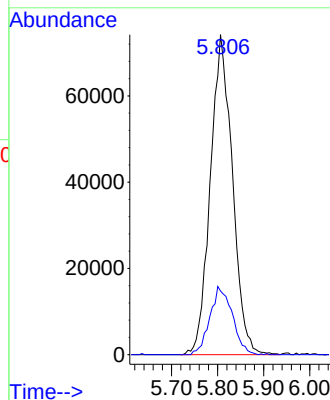
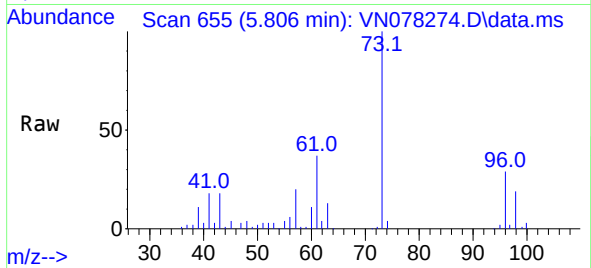




#19  
Methyl tert-butyl Ether  
Concen: 21.053 ug/l  
RT: 5.806 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

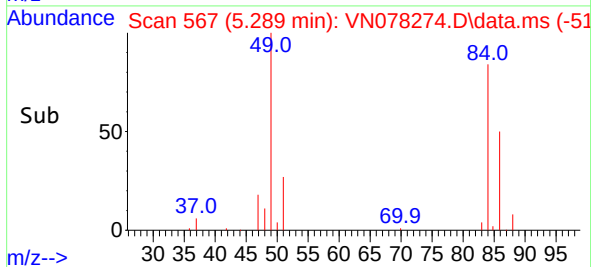
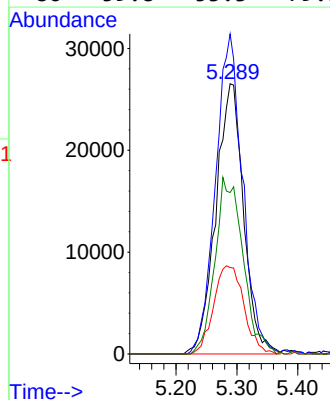
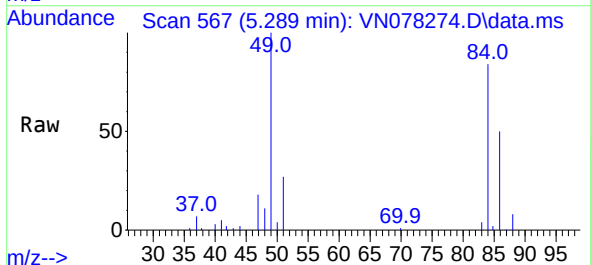
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

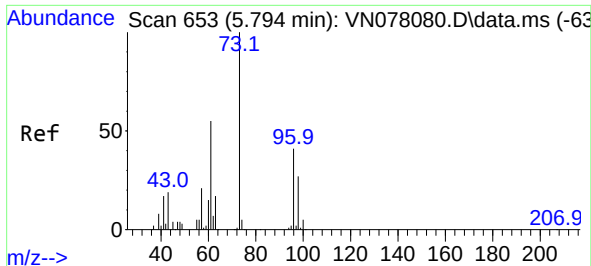
Tgt Ion: 73 Resp: 246938  
Ion Ratio Lower Upper  
73 100  
57 19.9 15.6 23.4



#20  
Methylene Chloride  
Concen: 19.638 ug/l  
RT: 5.289 min Scan# 567  
Delta R.T. 0.006 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion: 84 Resp: 83844  
Ion Ratio Lower Upper  
84 100  
49 118.4 79.7 119.5  
51 32.0 25.2 37.8  
86 59.8 53.3 79.9

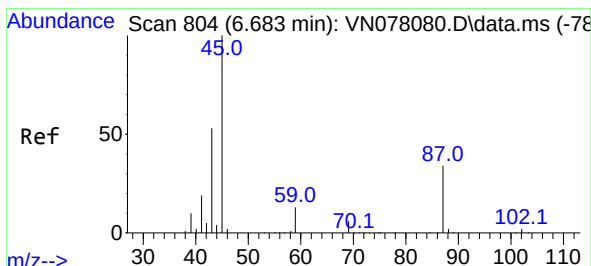
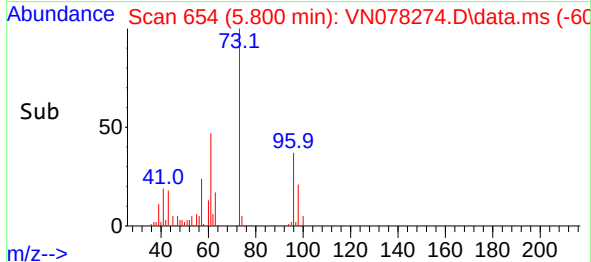
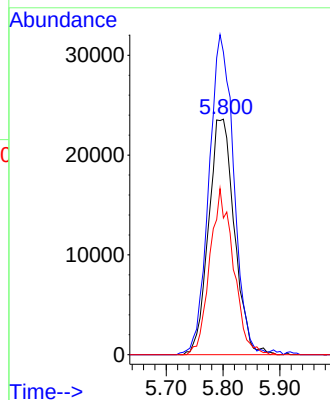
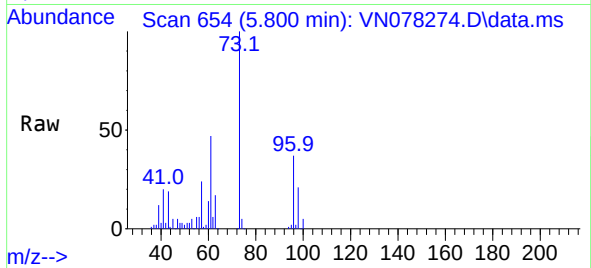




#21  
trans-1,2-Dichloroethene  
Concen: 18.786 ug/l  
RT: 5.800 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

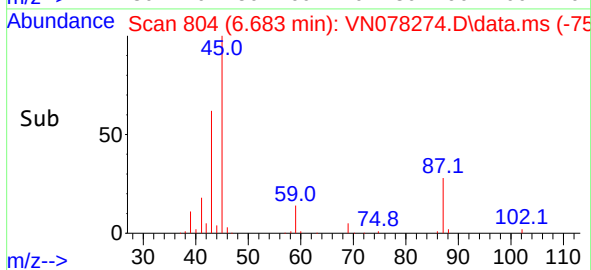
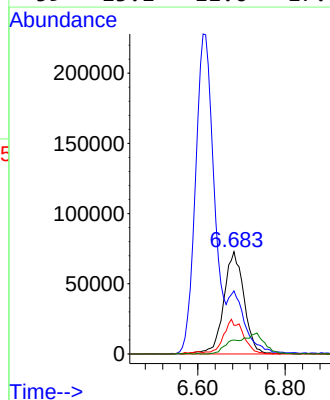
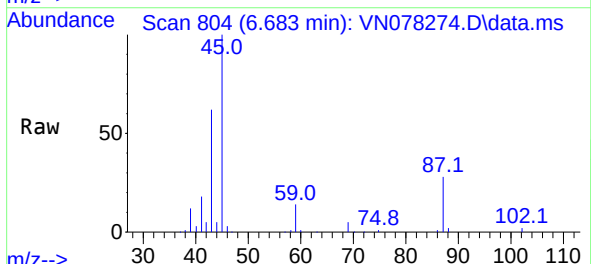
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

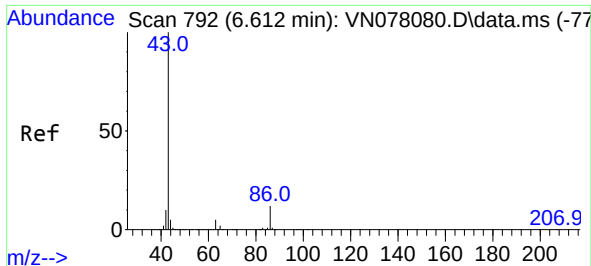
Tgt Ion: 96 Resp: 74488  
Ion Ratio Lower Upper  
96 100  
61 127.8 90.1 135.1  
98 58.0 46.4 69.6



#22  
Diisopropyl ether  
Concen: 22.069 ug/l  
RT: 6.683 min Scan# 804  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion: 45 Resp: 232952  
Ion Ratio Lower Upper  
45 100  
43 60.0 45.5 68.3  
87 28.0 31.8 47.8#  
59 13.1 11.6 17.4

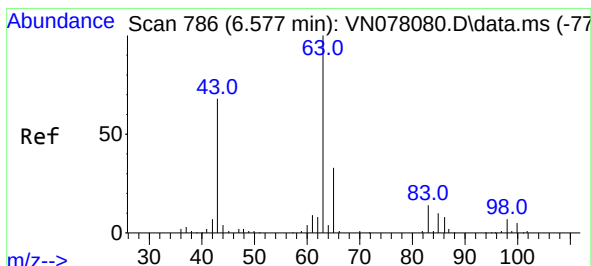
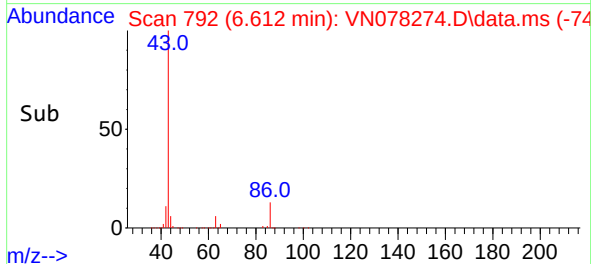
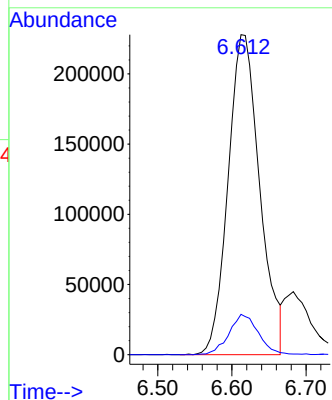
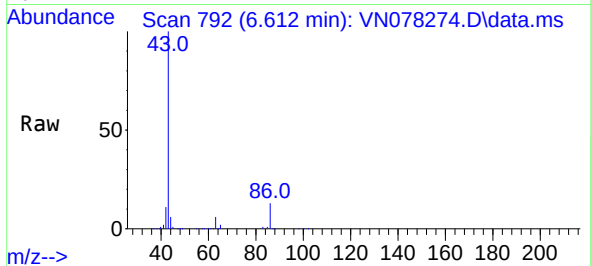




#23  
 Vinyl Acetate  
 Concen: 107.930 ug/l  
 RT: 6.612 min Scan# 792  
 Delta R.T. 0.000 min  
 Lab File: VN078274.D  
 Acq: 19 Jun 2023 12:59

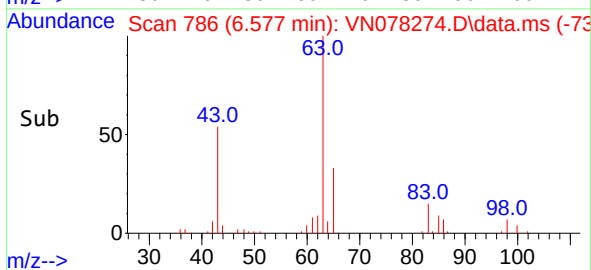
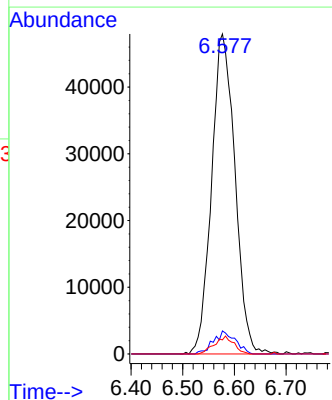
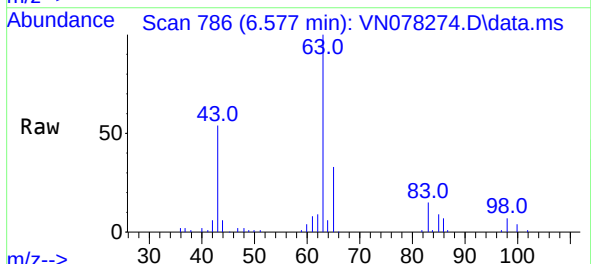
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0619MBS01

Tgt Ion: 43 Resp: 677242  
 Ion Ratio Lower Upper  
 43 100  
 86 12.6 13.0 19.6#

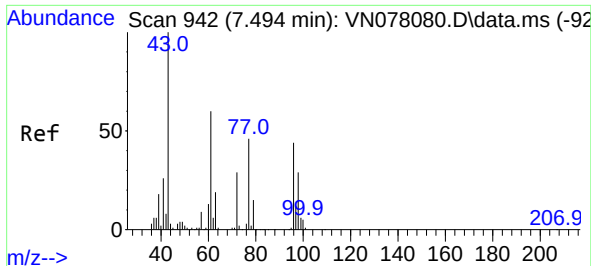


#24  
 1,1-Dichloroethane  
 Concen: 21.659 ug/l  
 RT: 6.577 min Scan# 786  
 Delta R.T. 0.000 min  
 Lab File: VN078274.D  
 Acq: 19 Jun 2023 12:59

Tgt Ion: 63 Resp: 150824  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 3.9 11.7  
 100 4.4 2.5 7.4



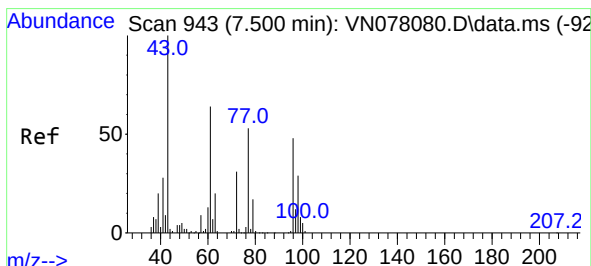
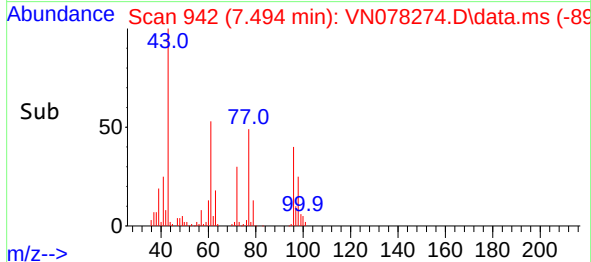
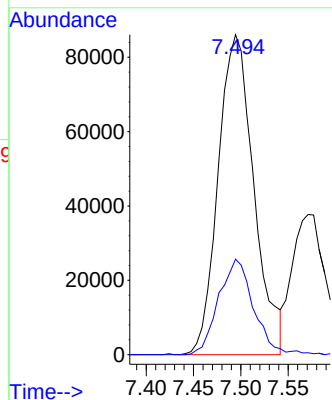
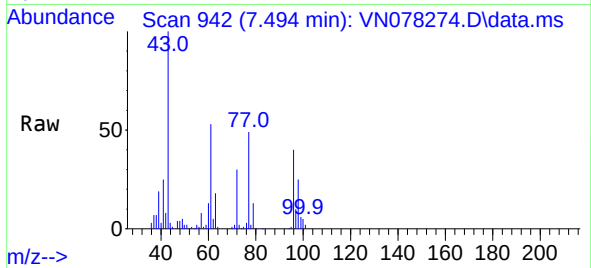




#25  
2-Butanone  
Concen: 113.746 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

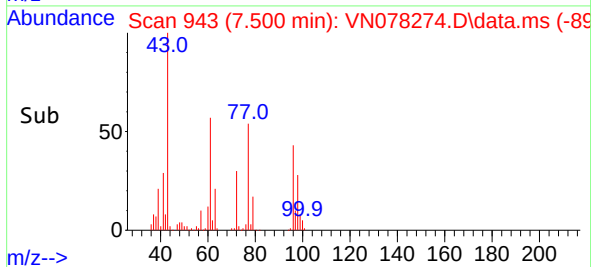
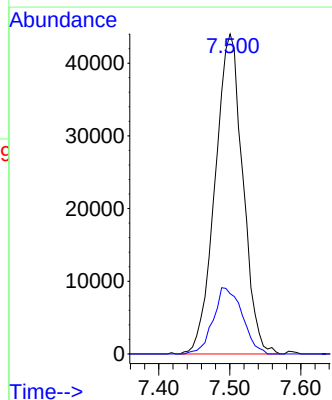
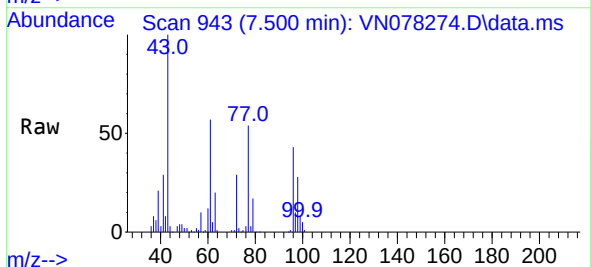
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

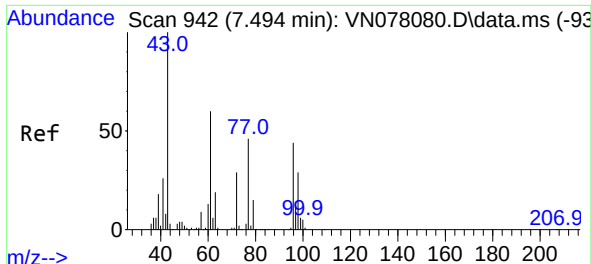
Tgt Ion: 43 Resp: 225989  
Ion Ratio Lower Upper  
43 100  
72 29.8 30.2 45.2#



#26  
2,2-Dichloropropane  
Concen: 23.185 ug/l  
RT: 7.500 min Scan# 943  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion: 77 Resp: 119206  
Ion Ratio Lower Upper  
77 100  
97 21.7 11.2 33.6

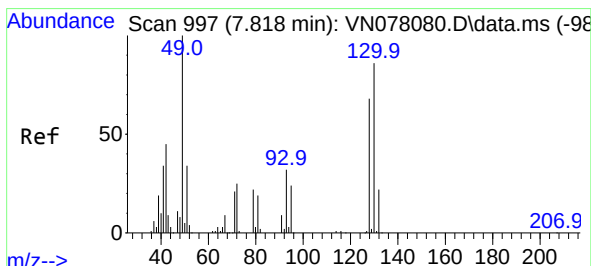
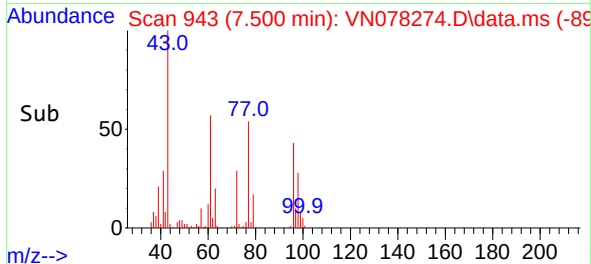
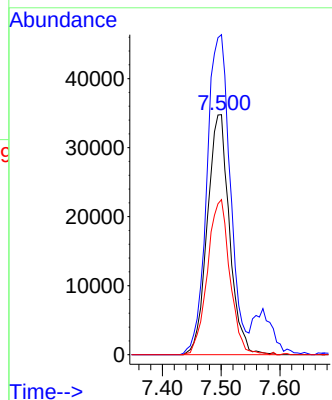
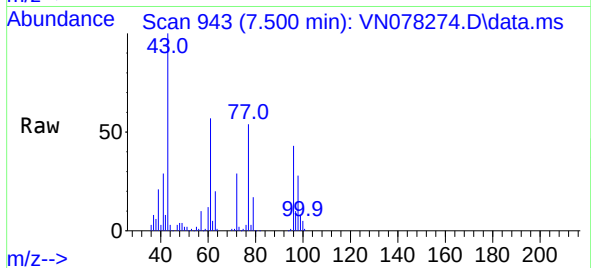




#27  
cis-1,2-Dichloroethene  
Concen: 19.209 ug/l  
RT: 7.500 min Scan# 94  
Delta R.T. 0.006 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

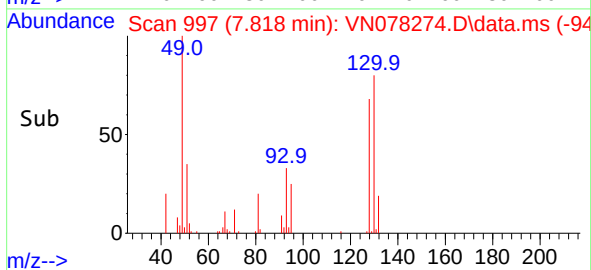
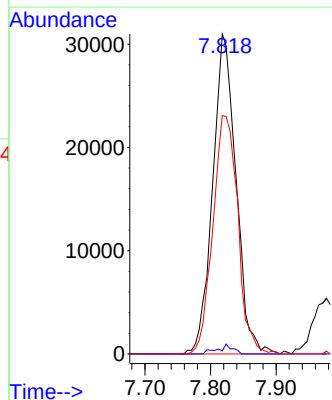
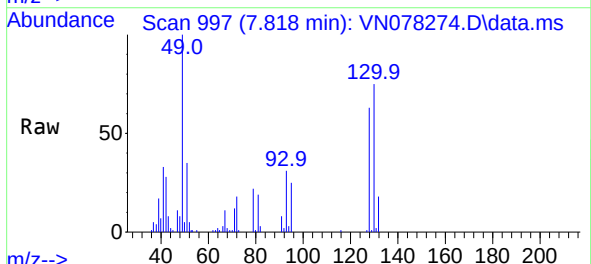
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

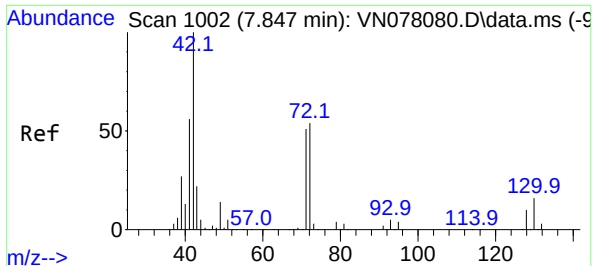
Tgt Ion: 96 Resp: 90849  
Ion Ratio Lower Upper  
96 100  
61 140.9 0.0 255.2  
98 65.5 0.0 128.8



#28  
Bromochloromethane  
Concen: 23.945 ug/l  
RT: 7.818 min Scan# 997  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion: 49 Resp: 76556  
Ion Ratio Lower Upper  
49 100  
129 1.4 0.0 4.8  
130 79.4 75.3 112.9

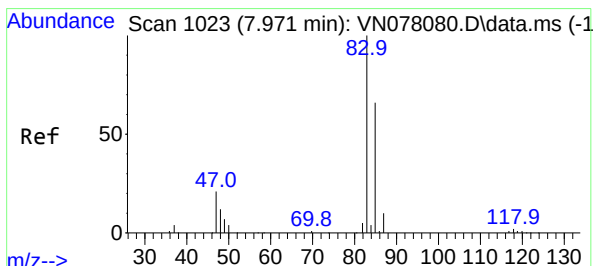
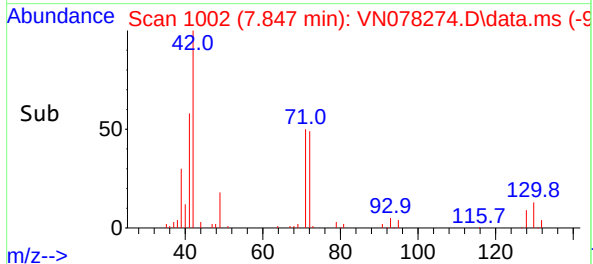
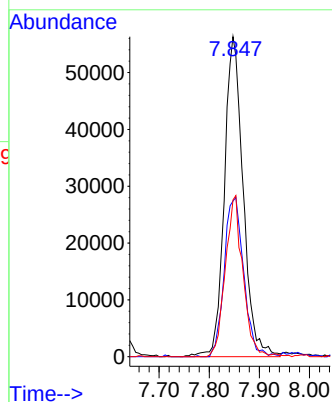
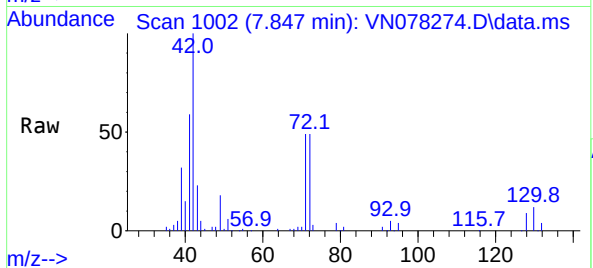




#29  
Tetrahydrofuran  
Concen: 110.526 ug/l  
RT: 7.847 min Scan# 1002  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

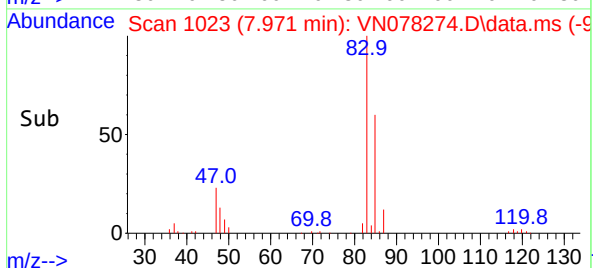
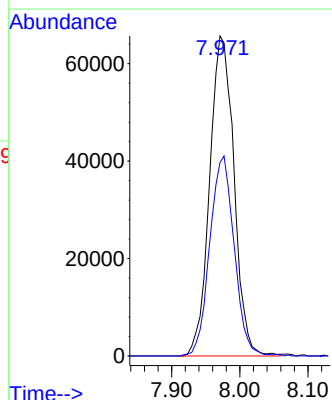
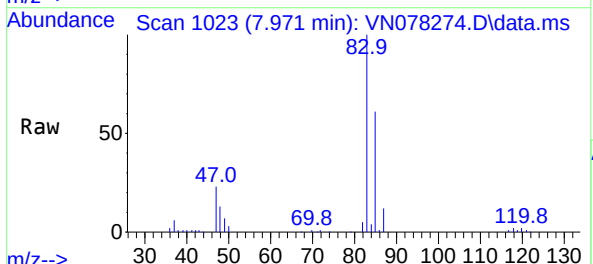
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

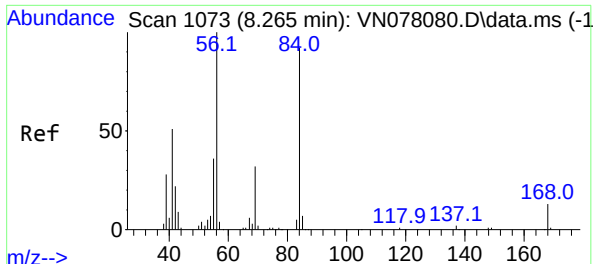
Tgt Ion: 42 Resp: 146798  
Ion Ratio Lower Upper  
42 100  
72 51.5 49.8 74.6  
71 46.7 47.4 71.2#



#30  
Chloroform  
Concen: 21.793 ug/l  
RT: 7.971 min Scan# 1023  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion: 83 Resp: 163408  
Ion Ratio Lower Upper  
83 100  
85 60.5 55.4 83.0

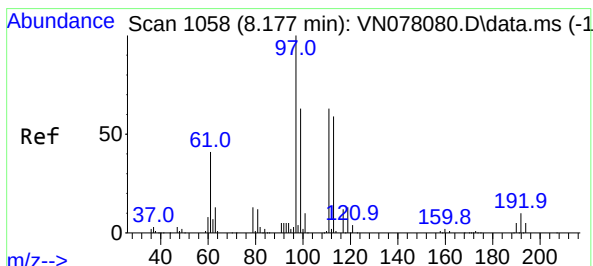
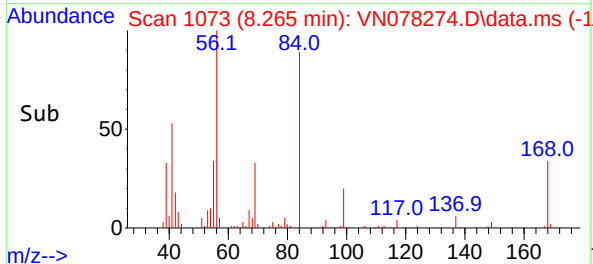
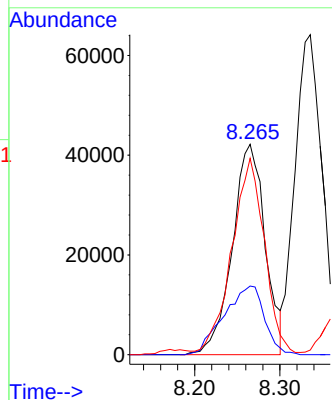
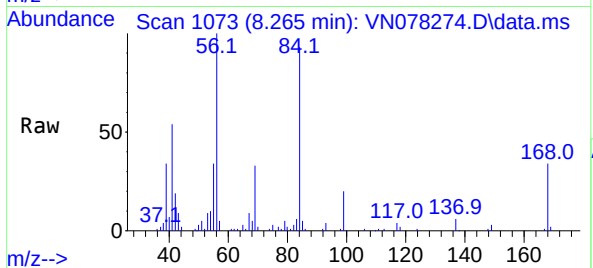




#31  
Cyclohexane  
Concen: 19.622 ug/l  
RT: 8.265 min Scan# 1073  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

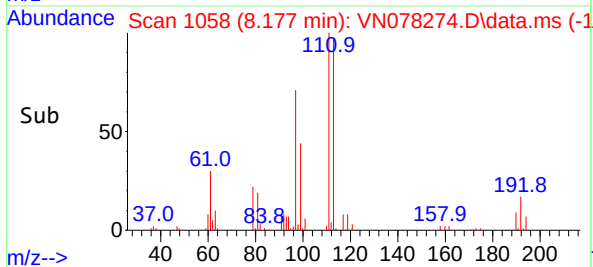
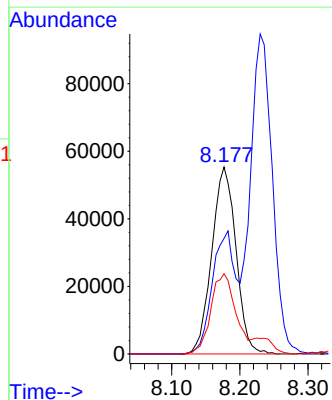
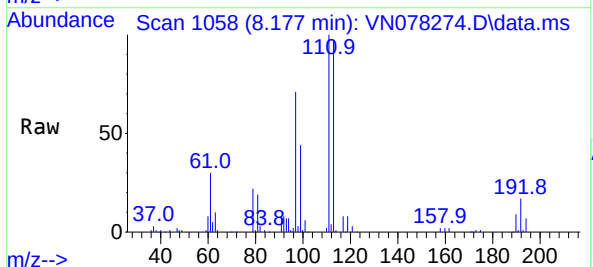
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

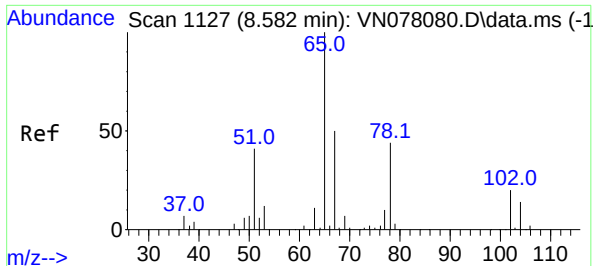
Tgt Ion: 56 Resp: 112978  
Ion Ratio Lower Upper  
56 100  
69 32.7 26.8 40.2  
84 91.0 81.8 122.6



#32  
1,1,1-Trichloroethane  
Concen: 20.768 ug/l  
RT: 8.177 min Scan# 1058  
Delta R.T. -0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion: 97 Resp: 136716  
Ion Ratio Lower Upper  
97 100  
99 64.2 50.3 75.5  
61 45.0 34.7 52.1

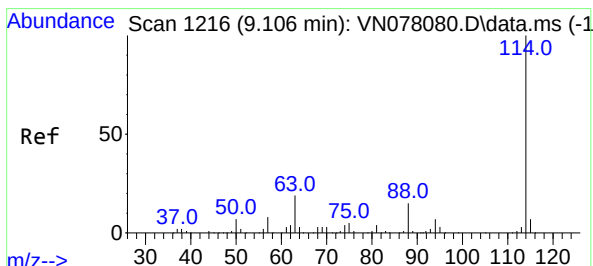
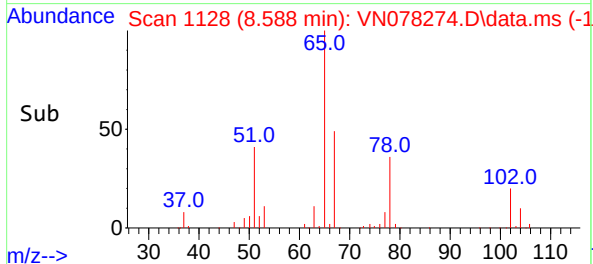
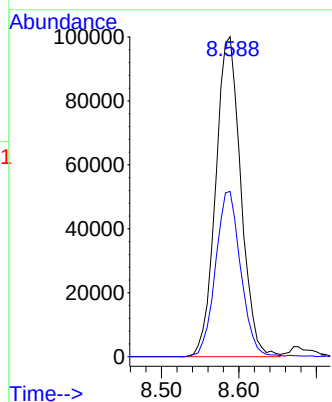
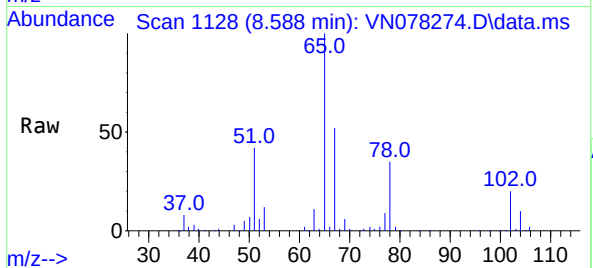




#33  
1,2-Dichloroethane-d4  
Concen: 50.269 ug/l  
RT: 8.588 min Scan# 1127  
Delta R.T. 0.006 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

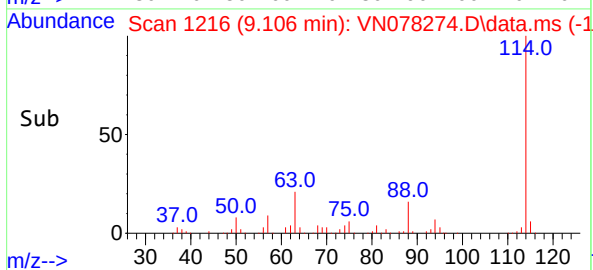
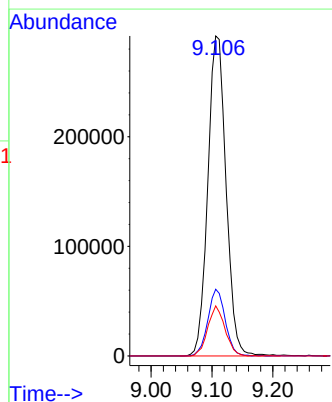
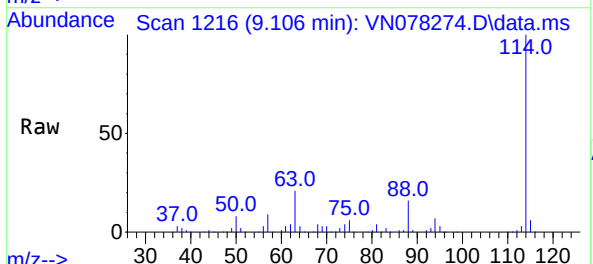
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

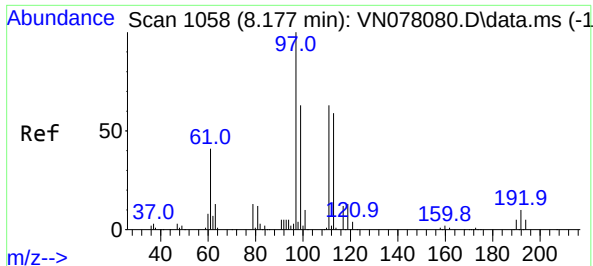
Tgt Ion: 65 Resp: 225635  
Ion Ratio Lower Upper  
65 100  
67 51.7 0.0 106.6



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 1216  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion: 114 Resp: 607861  
Ion Ratio Lower Upper  
114 100  
63 20.8 0.0 36.4  
88 15.6 0.0 30.6

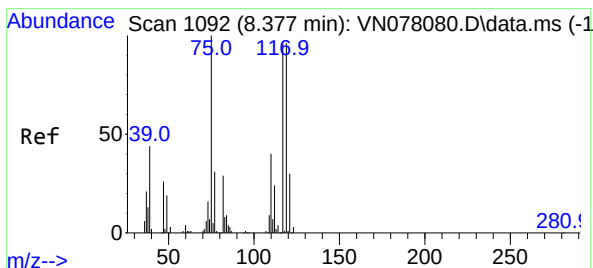
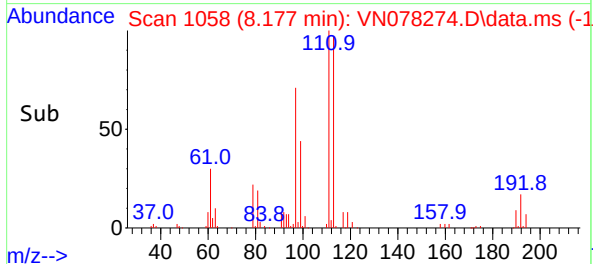
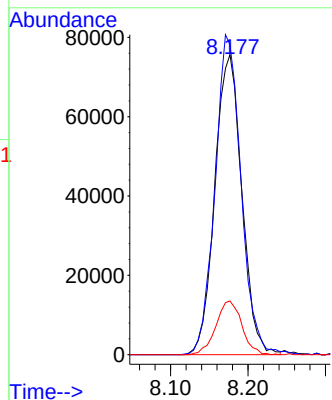
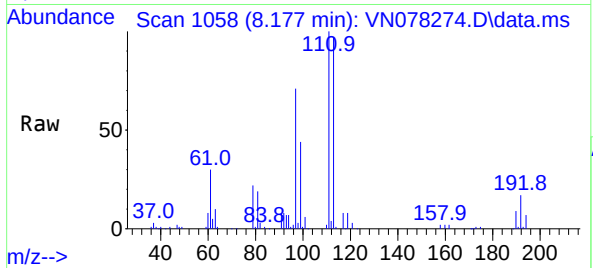




#35  
Dibromofluoromethane  
Concen: 47.758 ug/l  
RT: 8.177 min Scan# 1058  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

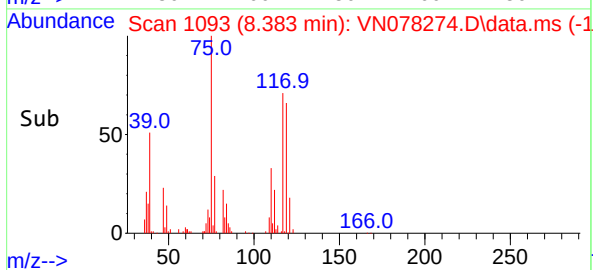
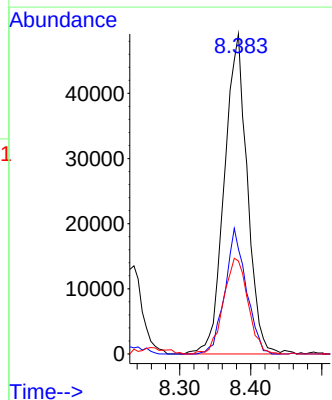
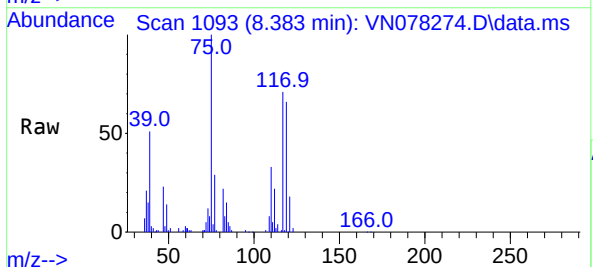
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

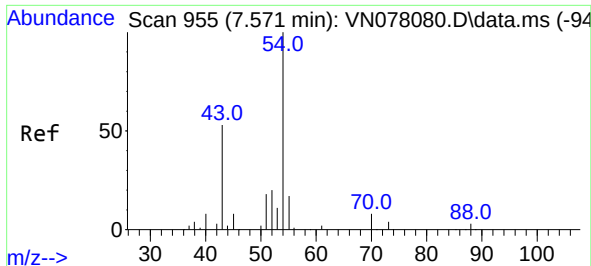
Tgt Ion:113 Resp: 183556  
Ion Ratio Lower Upper  
113 100  
111 103.0 82.6 123.8  
192 17.2 12.7 19.1



#36  
1,1-Dichloropropene  
Concen: 19.919 ug/l  
RT: 8.383 min Scan# 1093  
Delta R.T. 0.006 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion: 75 Resp: 109812  
Ion Ratio Lower Upper  
75 100  
110 36.4 19.1 57.3  
77 31.9 25.0 37.4

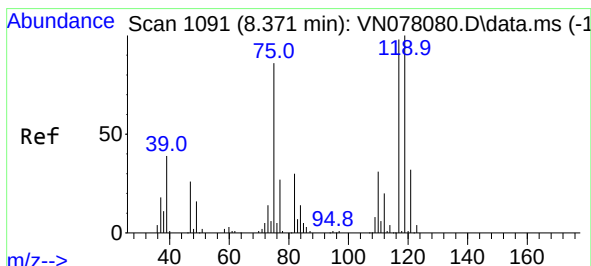
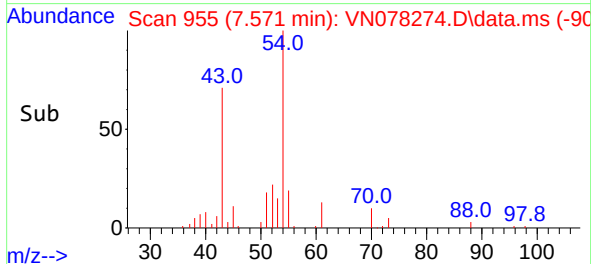
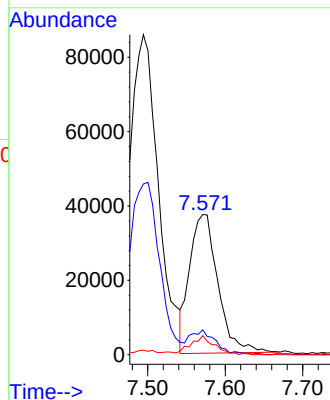
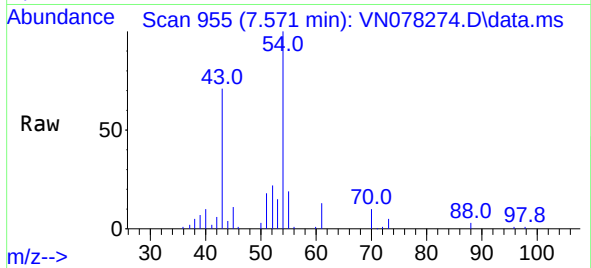




#37  
Ethyl Acetate  
Concen: 22.023 ug/l  
RT: 7.571 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

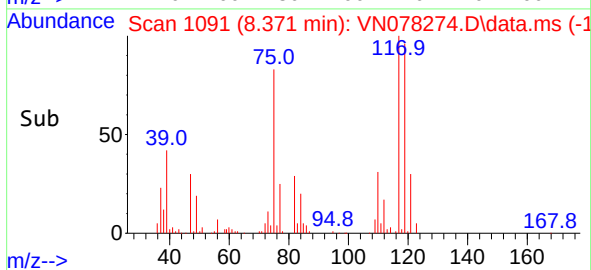
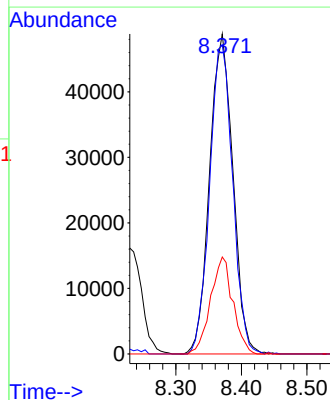
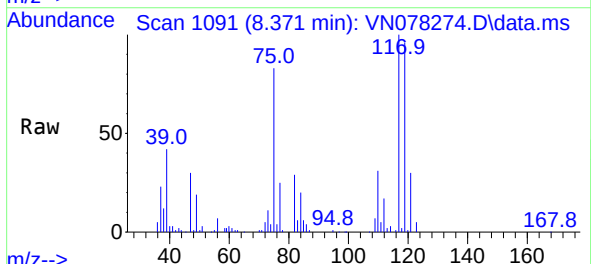
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

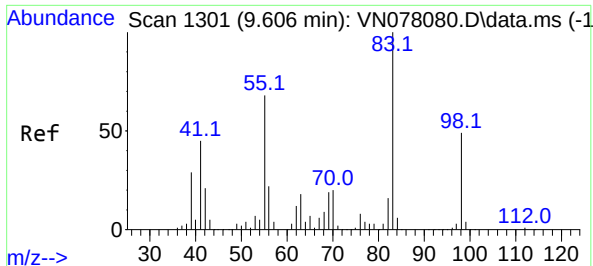
Tgt Ion: 43 Resp: 94848  
Ion Ratio Lower Upper  
43 100  
61 16.0 13.2 19.8  
70 11.1 11.3 16.9#



#38  
Carbon Tetrachloride  
Concen: 20.708 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion: 117 Resp: 120545  
Ion Ratio Lower Upper  
117 100  
119 96.5 77.3 115.9  
121 30.3 23.3 34.9

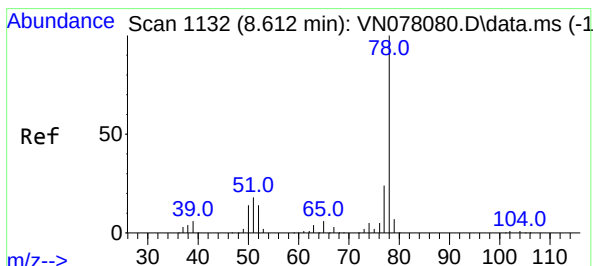
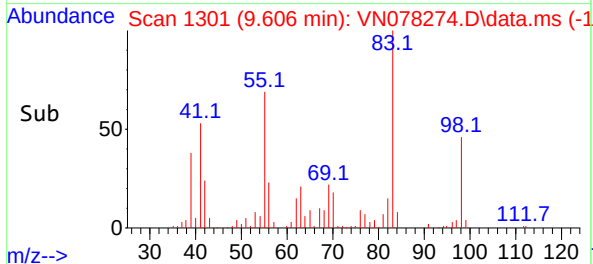
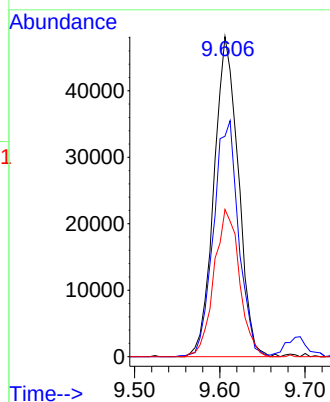
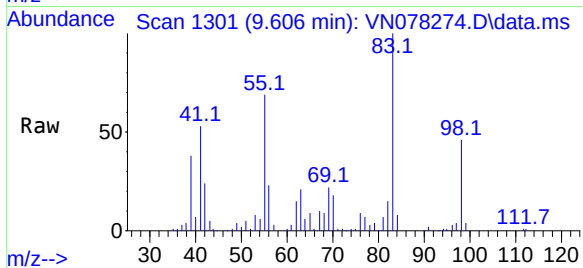




#39  
Methylcyclohexane  
Concen: 16.733 ug/l  
RT: 9.606 min Scan# 1130  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

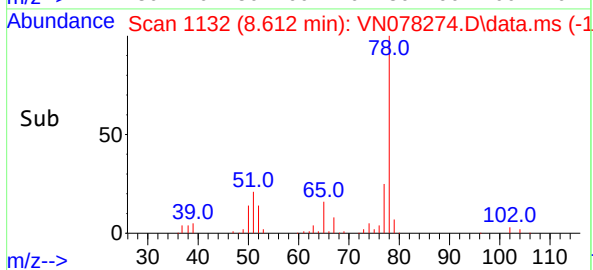
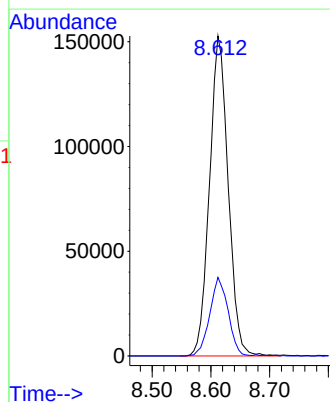
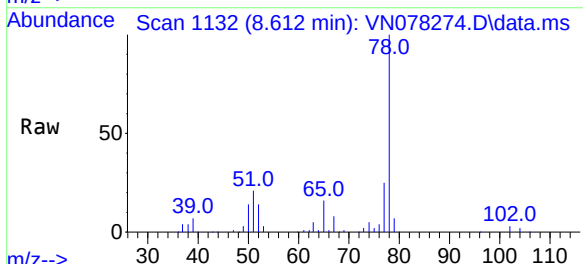
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

|             |                |
|-------------|----------------|
| Tgt Ion: 83 | Resp: 95599    |
| Ion Ratio   | Lower Upper    |
| 83          | 100            |
| 55          | 68.6 49.1 73.7 |
| 98          | 46.0 40.6 61.0 |

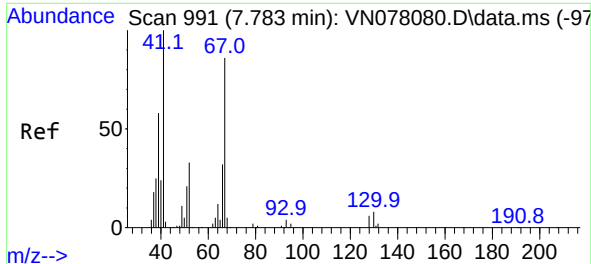


#40  
Benzene  
Concen: 20.521 ug/l  
RT: 8.612 min Scan# 1132  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

|             |                |
|-------------|----------------|
| Tgt Ion: 78 | Resp: 337742   |
| Ion Ratio   | Lower Upper    |
| 78          | 100            |
| 77          | 24.5 19.0 28.6 |





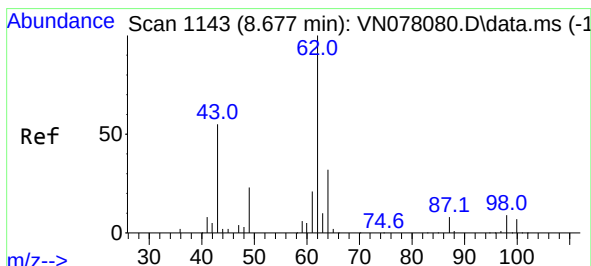
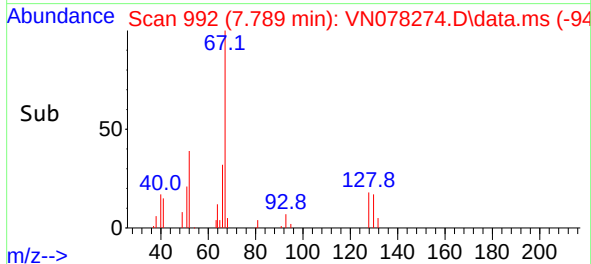
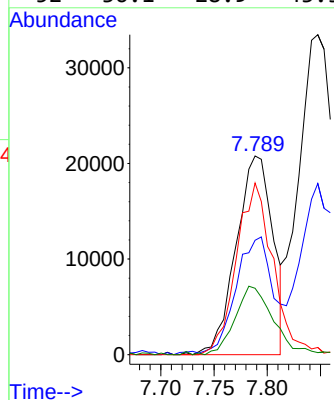
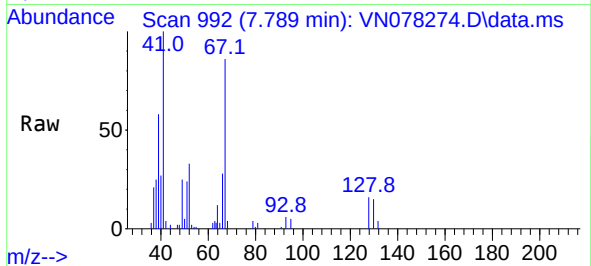


#41  
Methacrylonitrile  
Concen: 21.323 ug/l  
RT: 7.789 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

Tgt Ion: 41 Resp: 49775

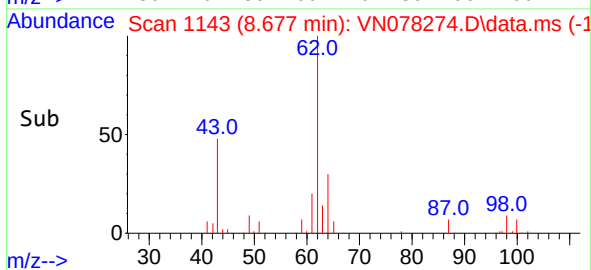
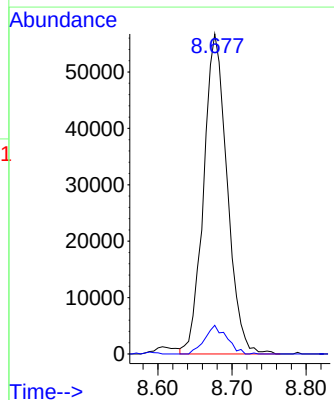
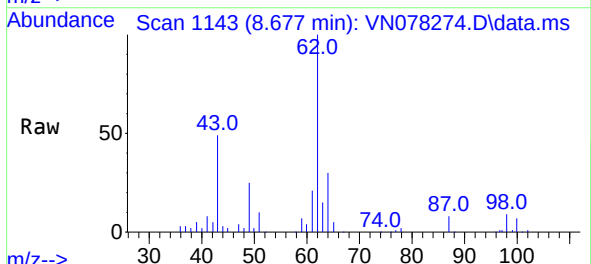
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 62.8  | 42.6  | 64.0  |
| 67  | 86.5  | 77.5  | 116.3 |
| 52  | 36.1  | 28.9  | 43.3  |

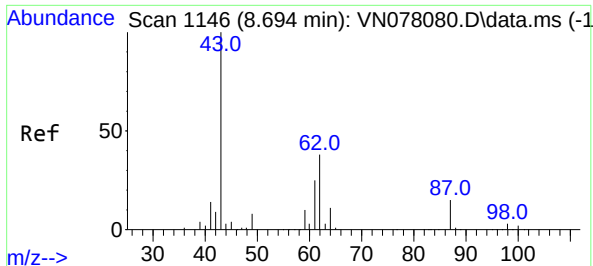


#42  
1,2-Dichloroethane  
Concen: 22.198 ug/l  
RT: 8.677 min Scan# 1143  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion: 62 Resp: 125263

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.3   | 0.0   | 19.8  |

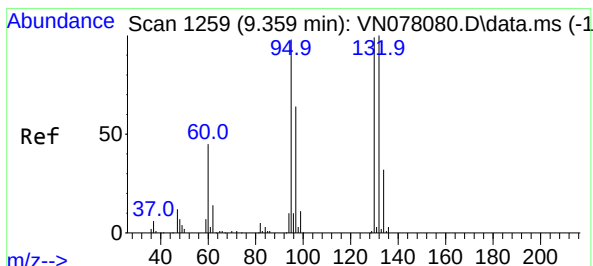
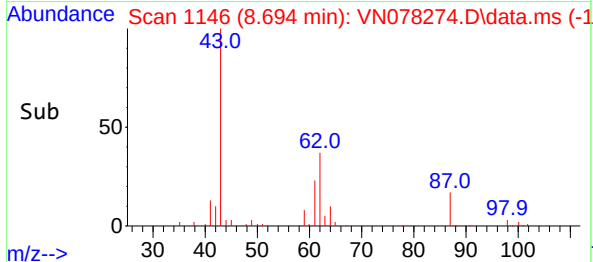
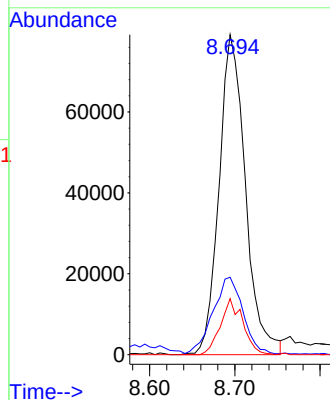
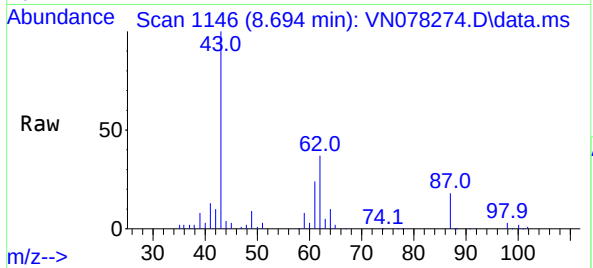




#43  
Isopropyl Acetate  
Concen: 20.654 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

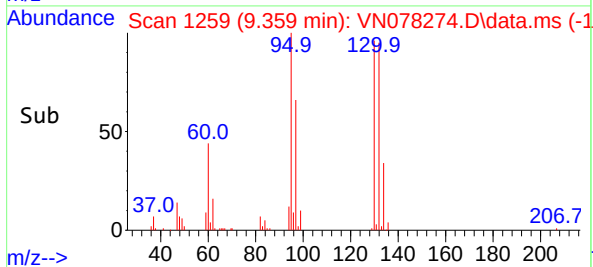
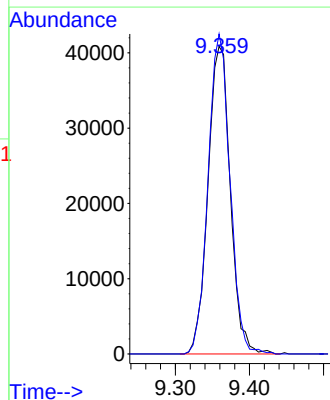
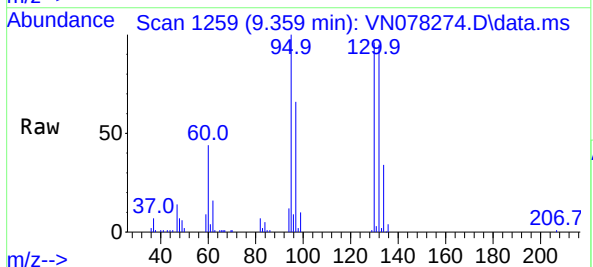
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

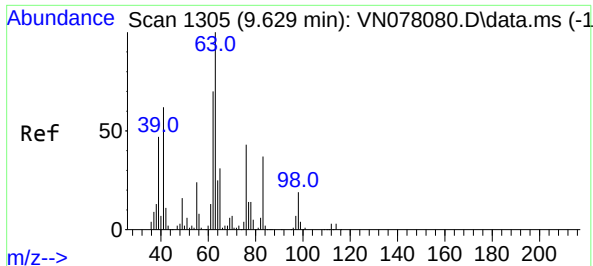
Tgt Ion: 43 Resp: 170111  
Ion Ratio Lower Upper  
43 100  
61 27.1 24.7 37.1  
87 14.9 14.6 21.8



#44  
Trichloroethene  
Concen: 19.730 ug/l  
RT: 9.359 min Scan# 1259  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion:130 Resp: 85758  
Ion Ratio Lower Upper  
130 100  
95 104.0 0.0 204.6

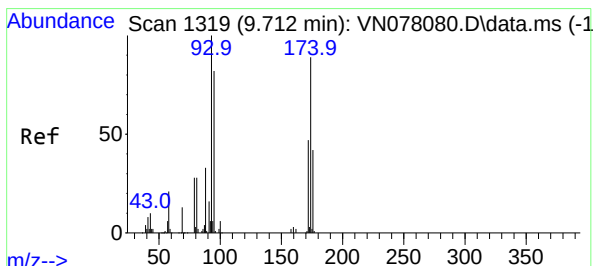
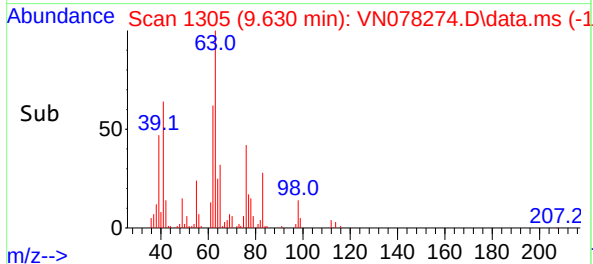
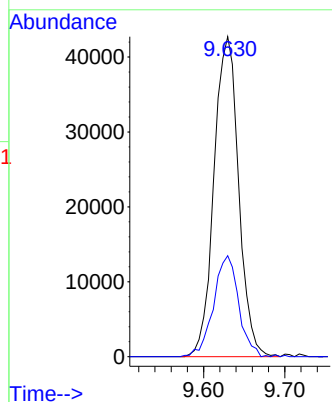
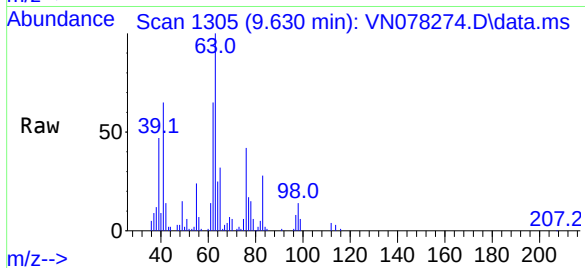




#45  
1,2-Dichloropropane  
Concen: 22.002 ug/l  
RT: 9.630 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

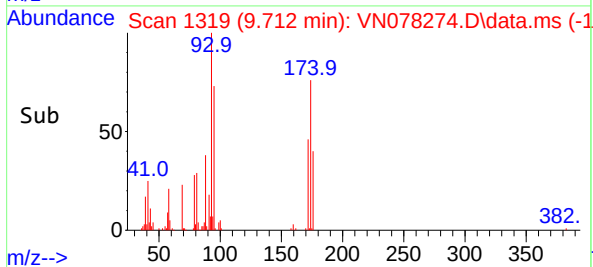
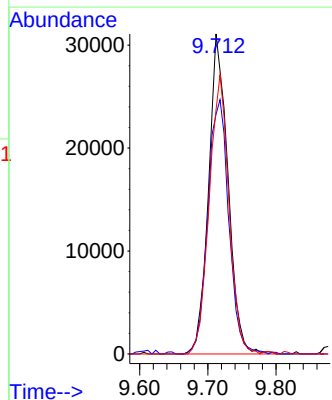
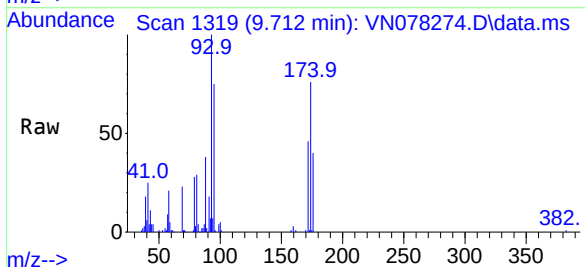
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

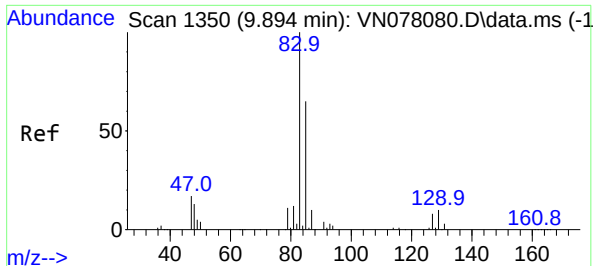
Tgt Ion: 63 Resp: 90096  
Ion Ratio Lower Upper  
63 100  
65 31.5 23.9 35.9



#46  
Dibromomethane  
Concen: 20.367 ug/l  
RT: 9.712 min Scan# 1319  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion: 93 Resp: 61430  
Ion Ratio Lower Upper  
93 100  
95 86.2 63.8 95.8  
174 88.7 65.6 98.4

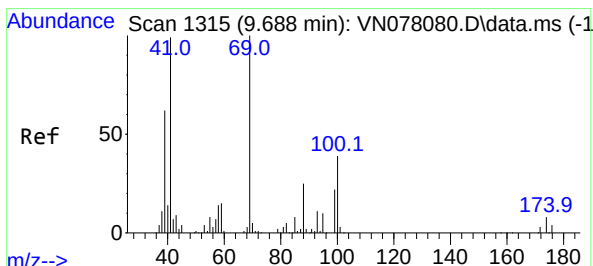
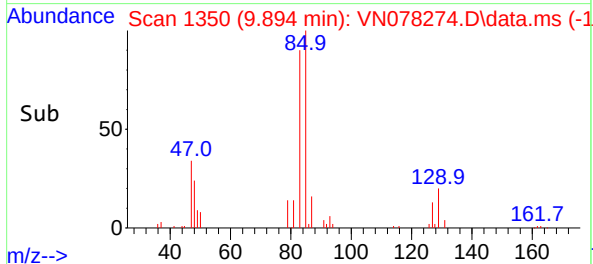
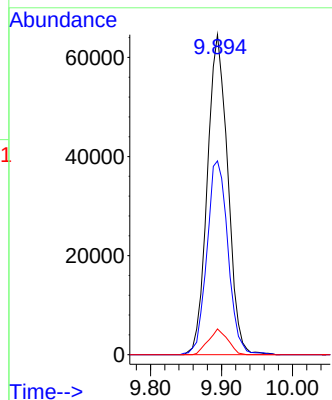
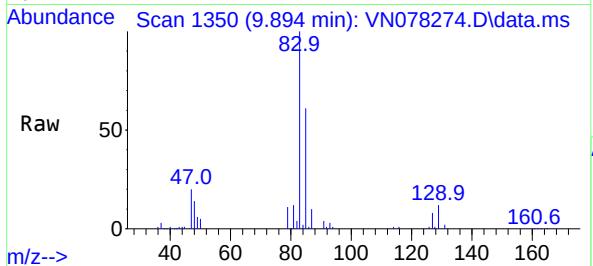




#47  
Bromodichloromethane  
Concen: 23.056 ug/l  
RT: 9.894 min Scan# 1350  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

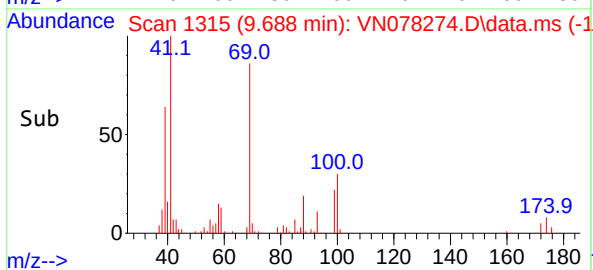
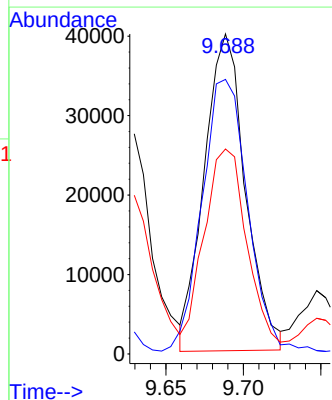
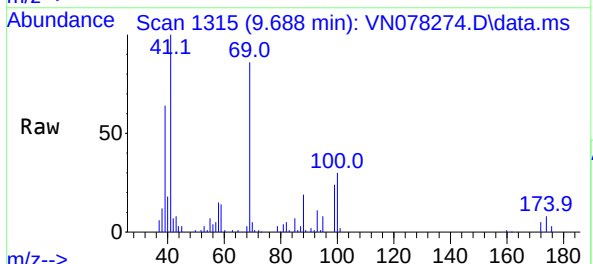
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

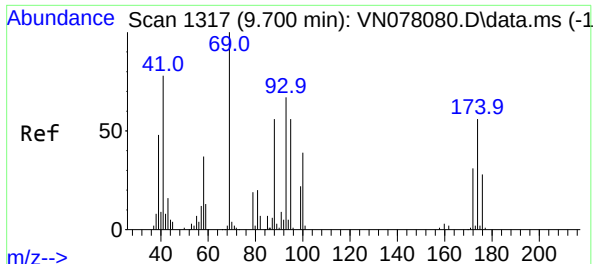
Tgt Ion: 83 Resp: 129174  
Ion Ratio Lower Upper  
83 100  
85 60.5 49.6 74.4  
127 8.0 7.0 10.6



#48  
Methyl methacrylate  
Concen: 21.332 ug/l  
RT: 9.688 min Scan# 1315  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion: 41 Resp: 73734  
Ion Ratio Lower Upper  
41 100  
69 98.4 90.4 135.6  
39 68.8 54.6 81.8

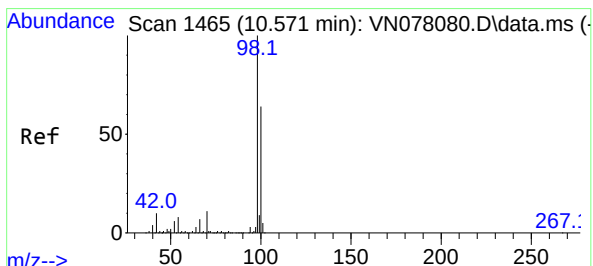
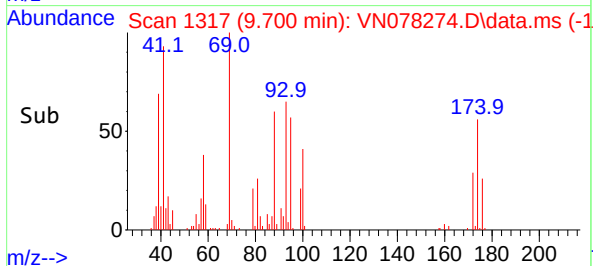
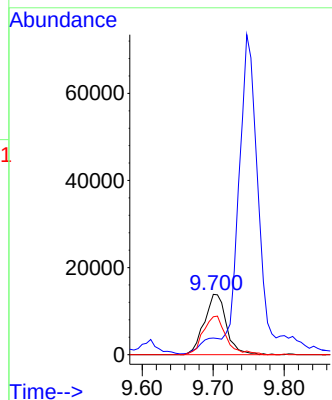
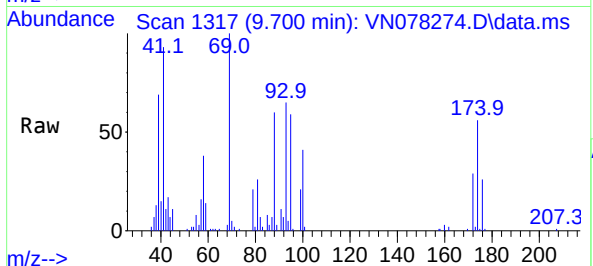




#49  
1,4-Dioxane  
Concen: 412.887 ug/l  
RT: 9.700 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

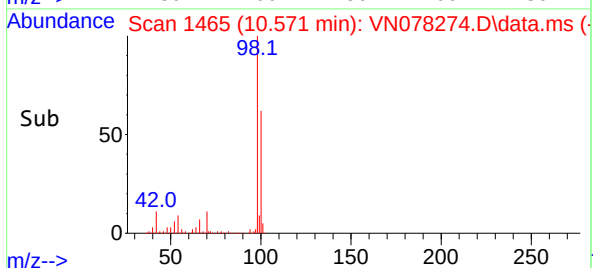
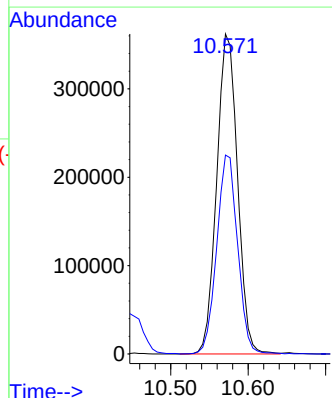
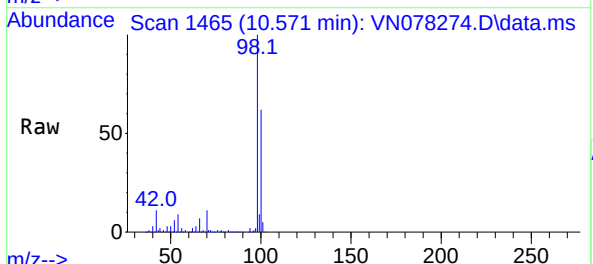
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

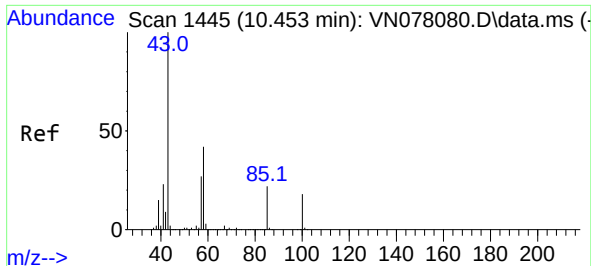
Tgt Ion: 88 Resp: 29995  
Ion Ratio Lower Upper  
88 100  
43 0.0 17.0 25.6#  
58 66.6 47.0 70.4



#50  
Toluene-d8  
Concen: 45.620 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion: 98 Resp: 675947  
Ion Ratio Lower Upper  
98 100  
100 62.5 52.0 78.0

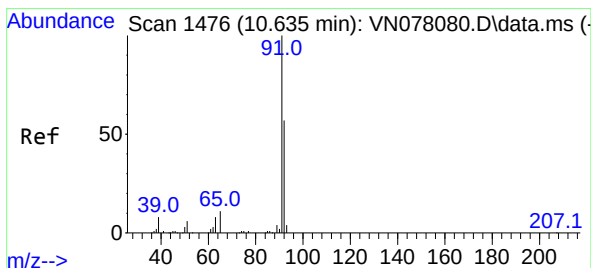
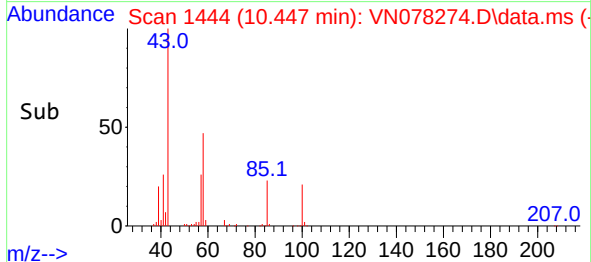
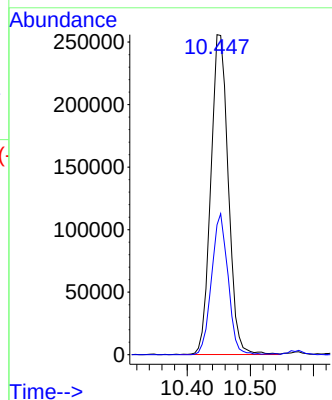
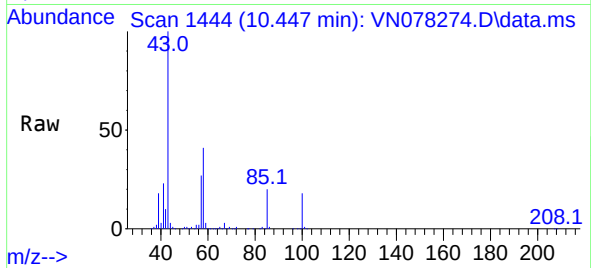




#51  
4-Methyl-2-Pentanone  
Concen: 113.192 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. -0.006 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

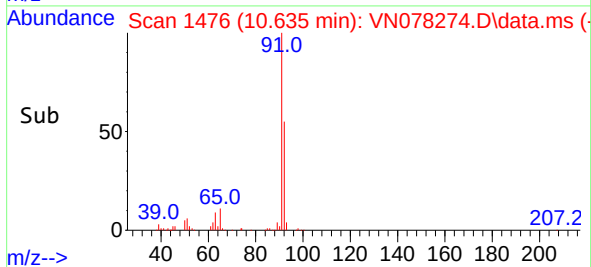
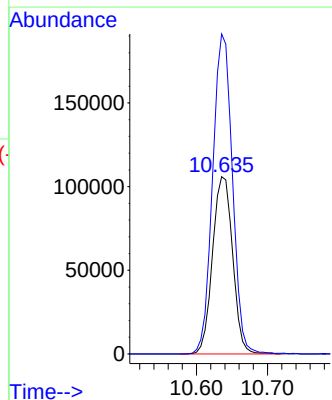
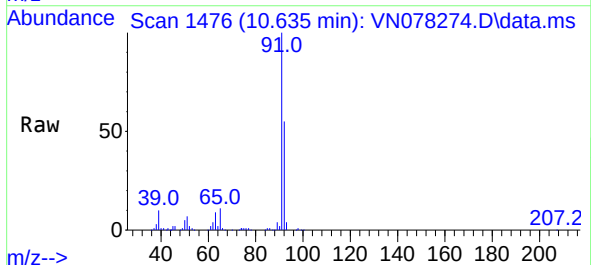
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

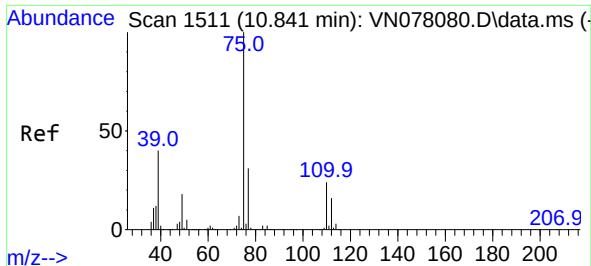
Tgt Ion: 43 Resp: 490937  
Ion Ratio Lower Upper  
43 100  
58 41.5 36.6 54.8



#52  
Toluene  
Concen: 20.000 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion: 92 Resp: 207828  
Ion Ratio Lower Upper  
92 100  
91 177.6 137.4 206.0

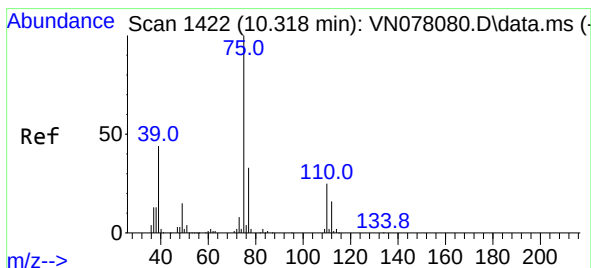
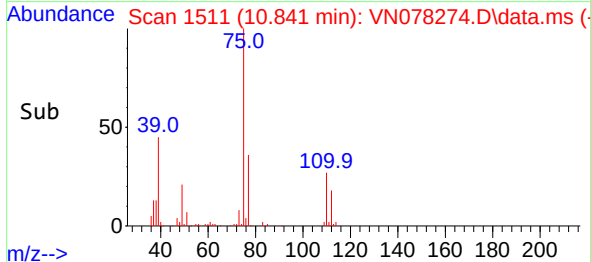
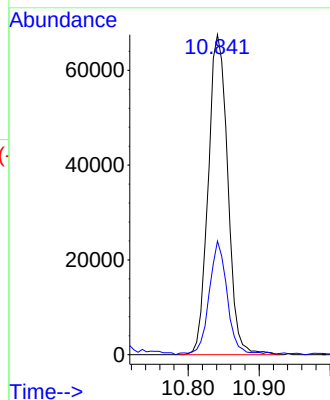
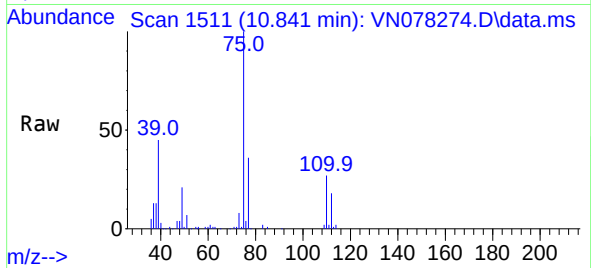




#53  
t-1,3-Dichloropropene  
Concen: 22.086 ug/l  
RT: 10.841 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

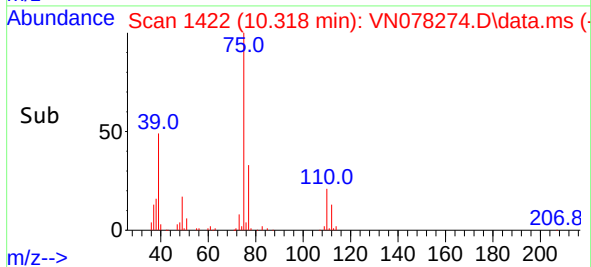
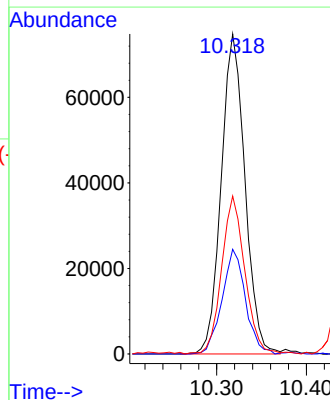
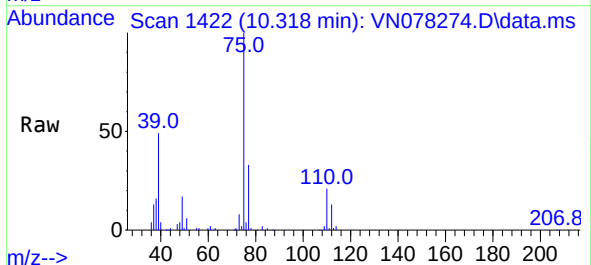
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

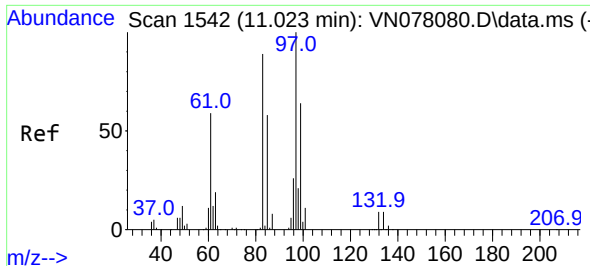
Tgt Ion: 75 Resp: 128870  
Ion Ratio Lower Upper  
75 100  
77 35.1 25.4 38.0



#54  
cis-1,3-Dichloropropene  
Concen: 21.288 ug/l  
RT: 10.318 min Scan# 1422  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion: 75 Resp: 137303  
Ion Ratio Lower Upper  
75 100  
77 32.7 26.1 39.1  
39 49.0 31.6 47.4#



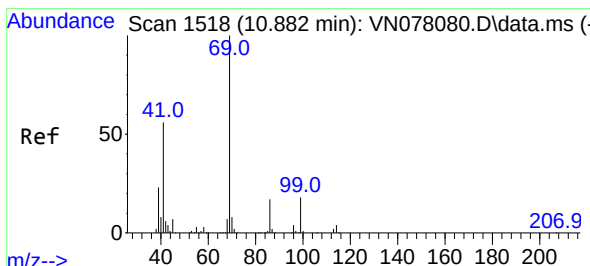
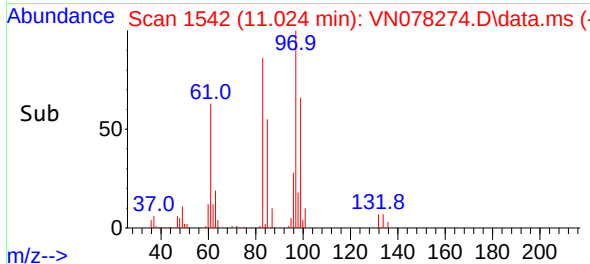
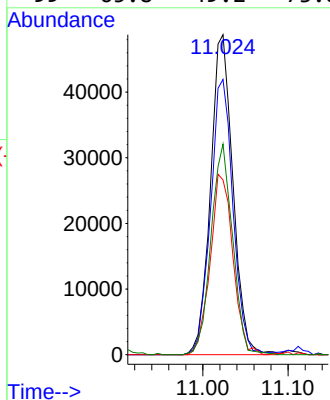
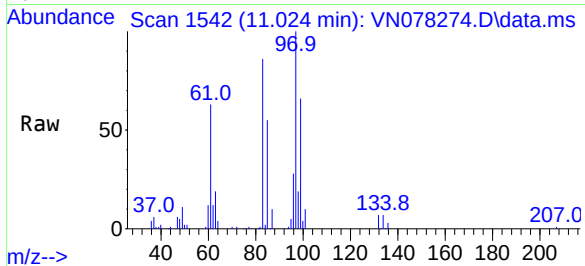


#55  
1,1,2-Trichloroethane  
Concen: 22.639 ug/l  
RT: 11.024 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

Tgt Ion: 97 Resp: 88994

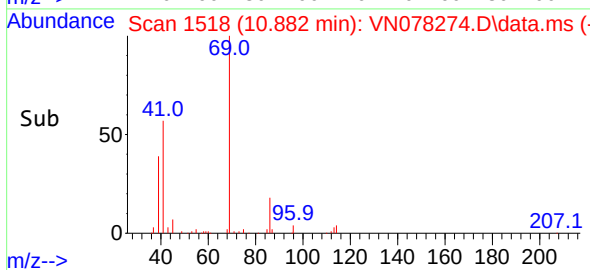
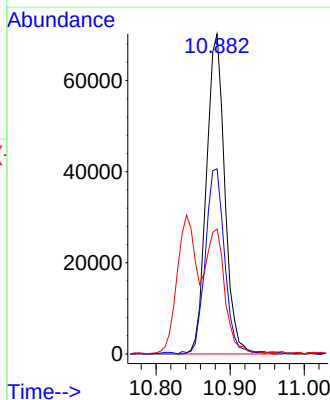
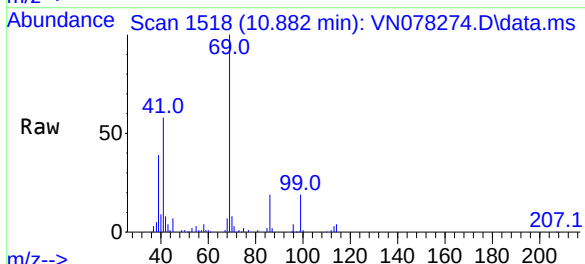
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 86.0  | 65.1  | 97.7  |
| 85  | 54.6  | 43.4  | 65.2  |
| 99  | 65.8  | 49.2  | 73.8  |



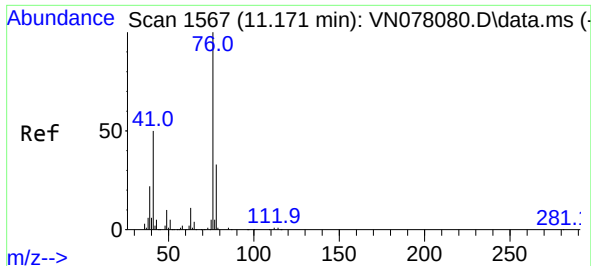
#56  
Ethyl methacrylate  
Concen: 21.140 ug/l  
RT: 10.882 min Scan# 1518  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion: 69 Resp: 121003

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 60.8  | 39.6  | 59.4  |
| 39  | 40.6  | 28.6  | 43.0  |







#57

1,3-Dichloropropane

Concen: 22.135 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VN078274.D

Acq: 19 Jun 2023 12:59

Instrument :

MSVOA\_N

ClientSampleId :

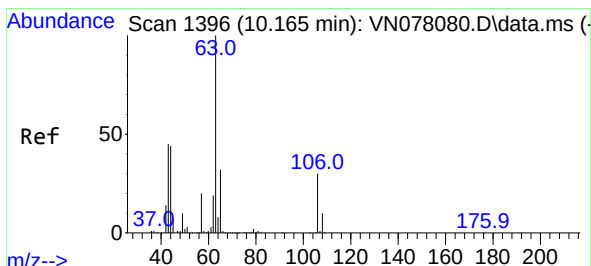
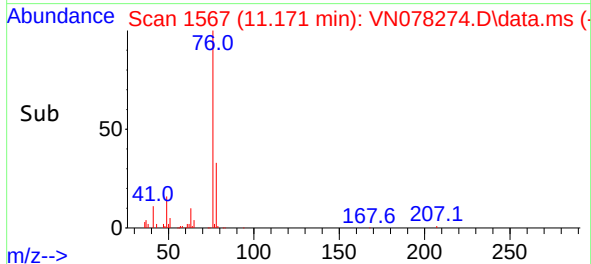
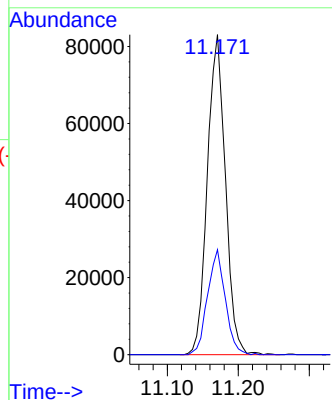
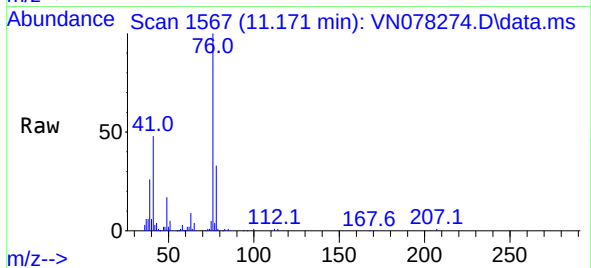
VN0619MBS01

Tgt Ion: 76 Resp: 146875

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 97.366 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN078274.D

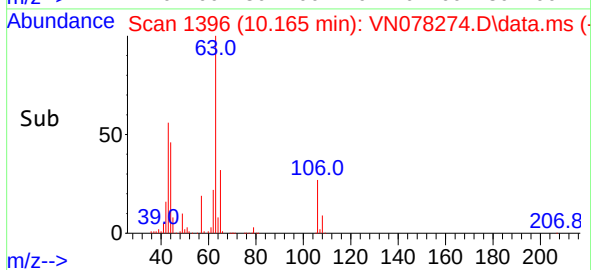
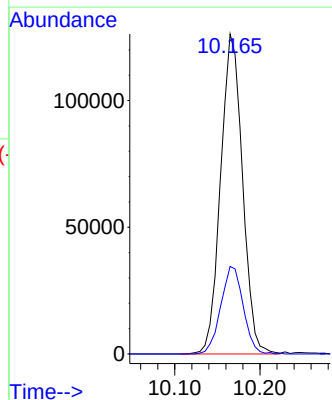
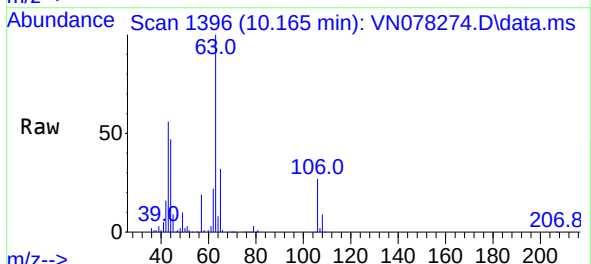
Acq: 19 Jun 2023 12:59

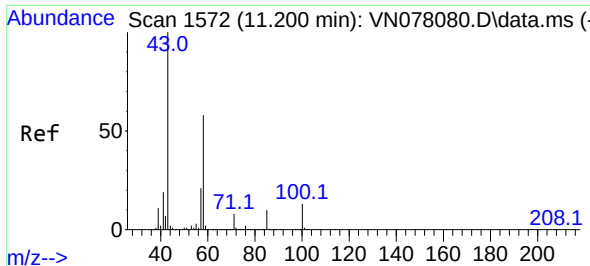
Tgt Ion: 63 Resp: 225132

Ion Ratio Lower Upper

63 100

106 28.0 26.2 39.4

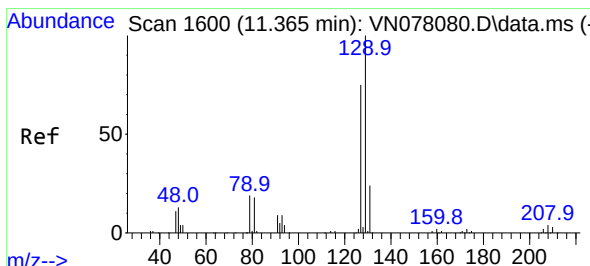
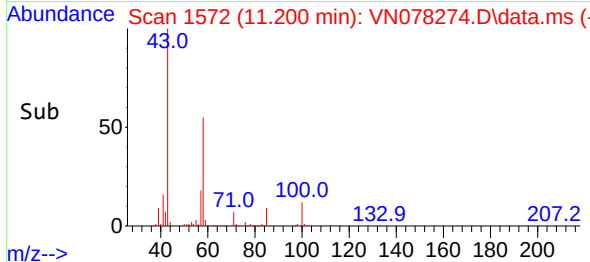
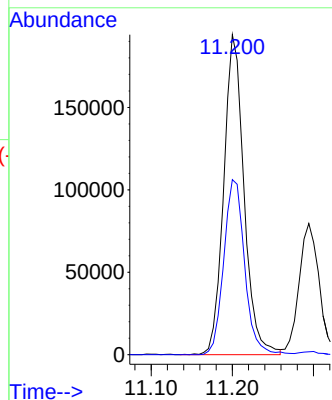
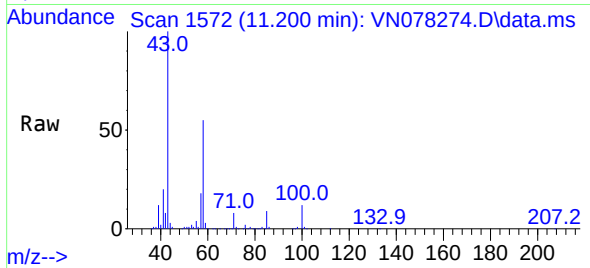




#59  
2-Hexanone  
Concen: 111.794 ug/l  
RT: 11.200 min Scan# 1117  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

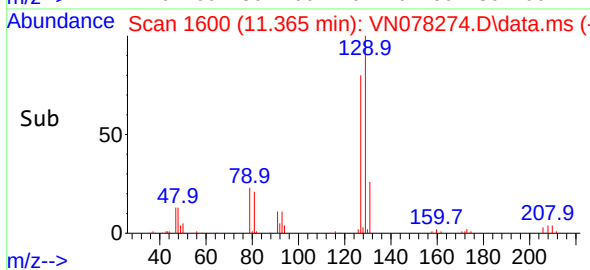
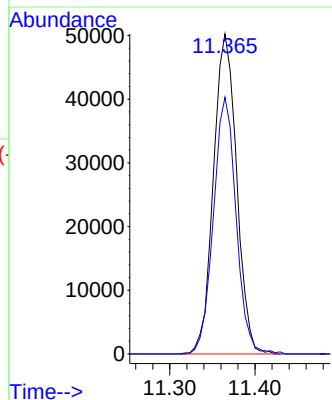
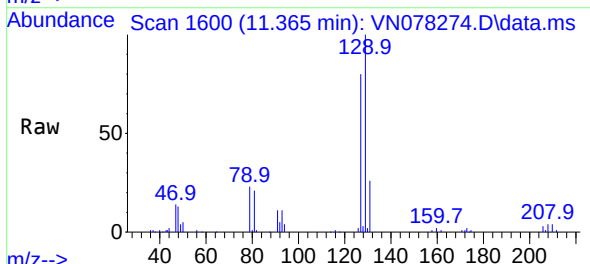
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

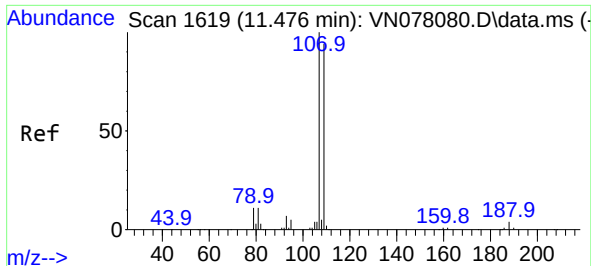
Tgt Ion: 43 Resp: 337613  
Ion Ratio Lower Upper  
43 100  
58 56.4 31.7 95.1



#60  
Dibromochloromethane  
Concen: 22.061 ug/l  
RT: 11.365 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion:129 Resp: 94897  
Ion Ratio Lower Upper  
129 100  
127 78.6 38.6 116.0

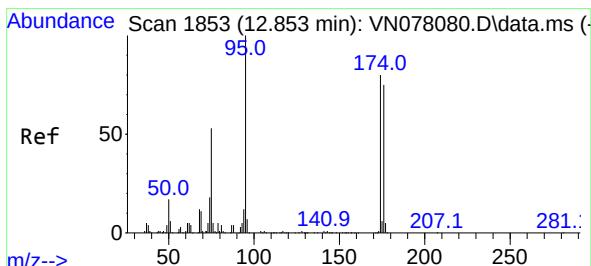
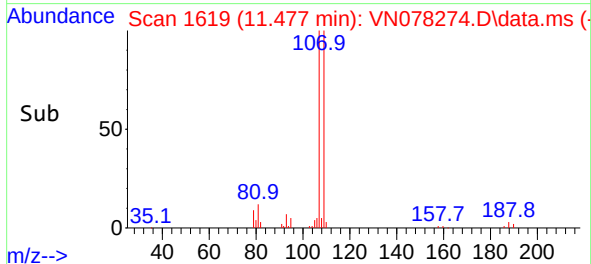
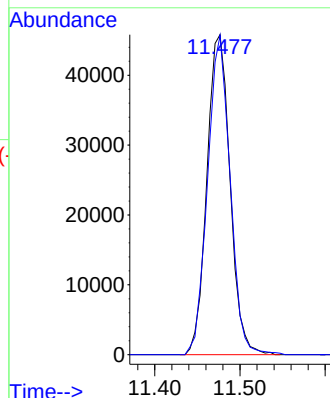
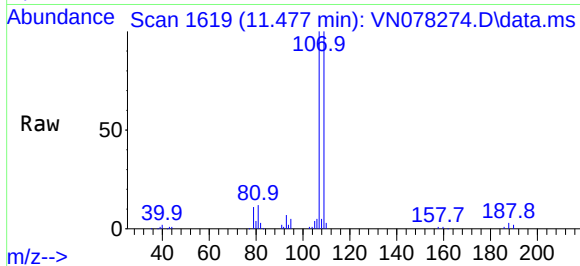




#61  
1,2-Dibromoethane  
Concen: 20.977 ug/l  
RT: 11.477 min Scan# 1619  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

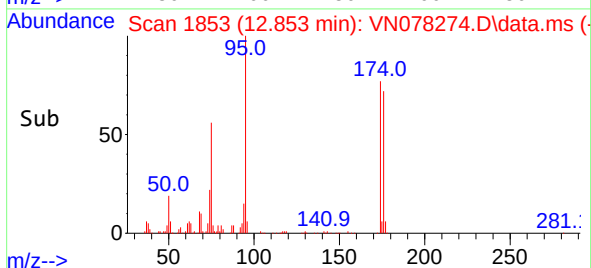
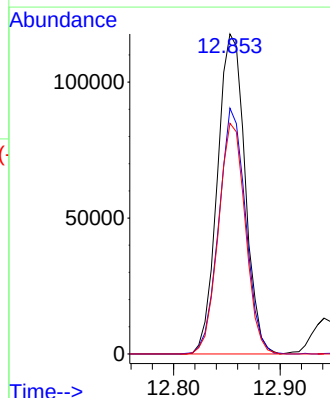
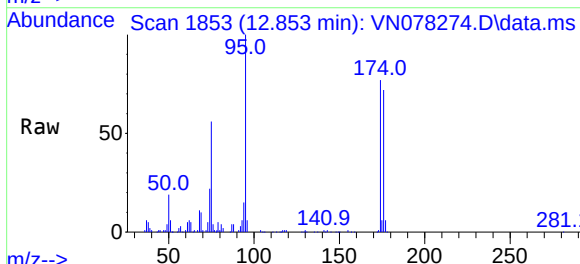
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

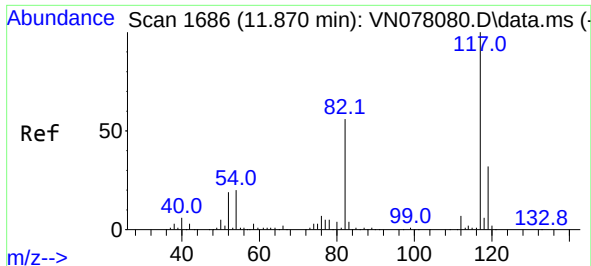
Tgt Ion:107 Resp: 86537  
Ion Ratio Lower Upper  
107 100  
109 97.3 76.6 114.8



#62  
4-Bromofluorobenzene  
Concen: 45.905 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion: 95 Resp: 211447  
Ion Ratio Lower Upper  
95 100  
174 74.4 0.0 143.8  
176 70.4 0.0 135.8

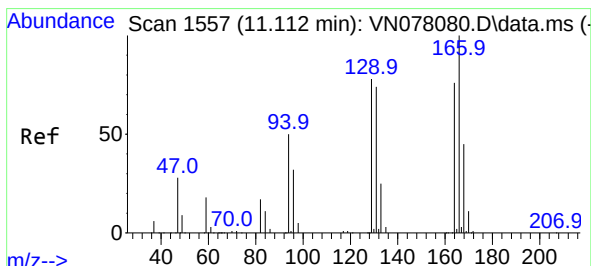
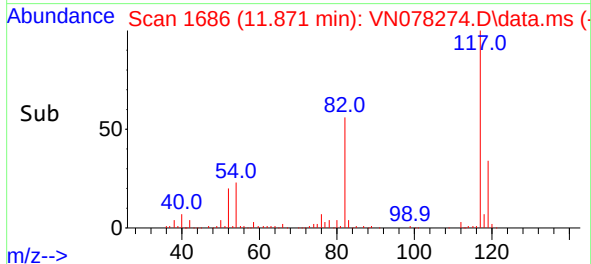
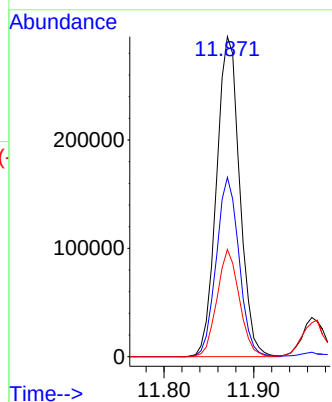
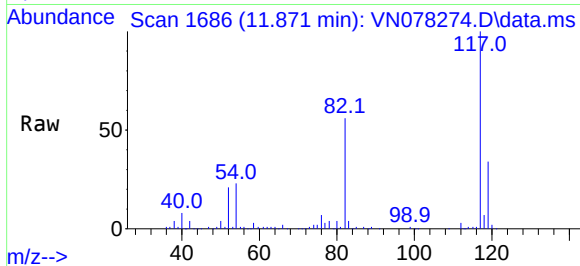




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

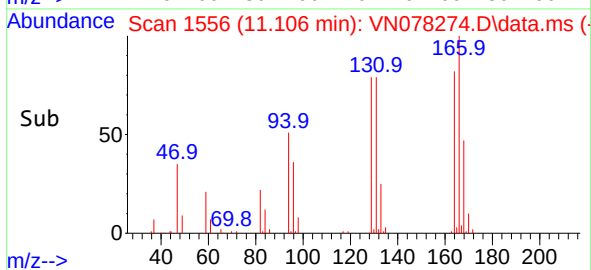
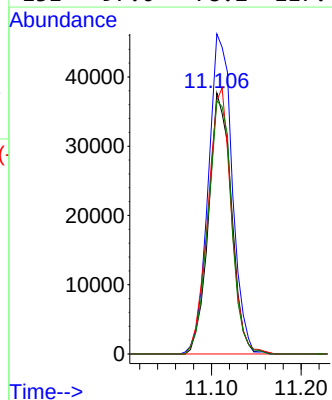
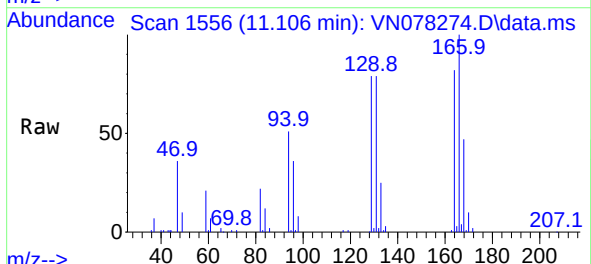
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

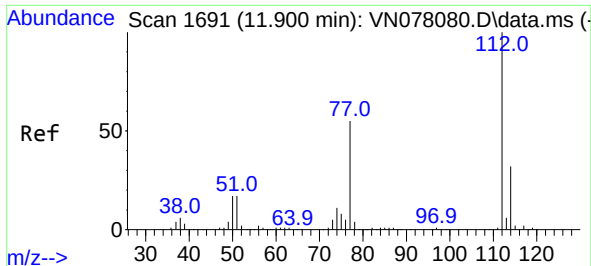
Tgt Ion:117 Resp: 529894  
Ion Ratio Lower Upper  
117 100  
82 56.0 44.0 66.0  
119 33.5 25.6 38.4



#64  
Tetrachloroethene  
Concen: 18.879 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. -0.006 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion:164 Resp: 66738  
Ion Ratio Lower Upper  
164 100  
166 122.7 101.4 152.0  
129 97.1 82.4 123.6  
131 97.0 78.2 117.4

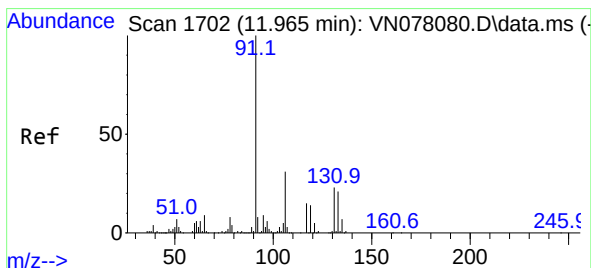
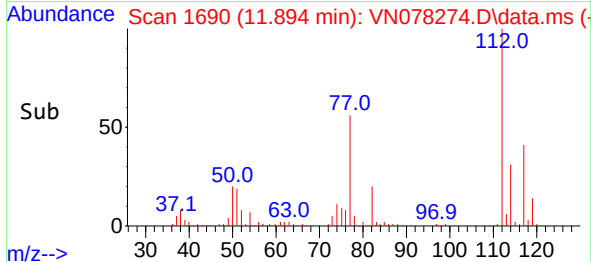
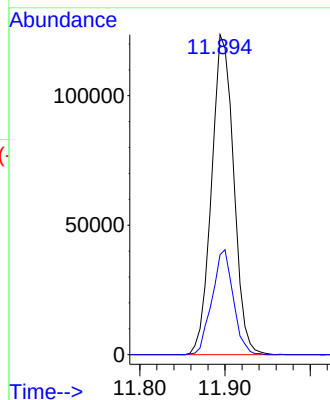
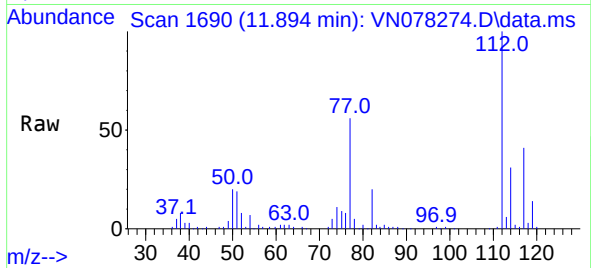




#65  
Chlorobenzene  
Concen: 19.666 ug/l  
RT: 11.894 min Scan# 111  
Delta R.T. -0.006 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

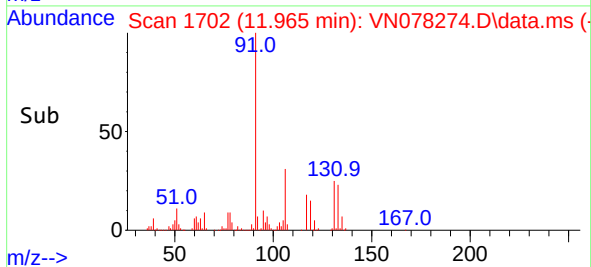
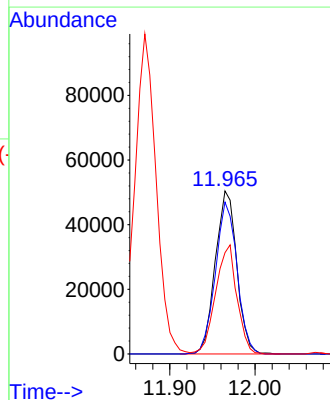
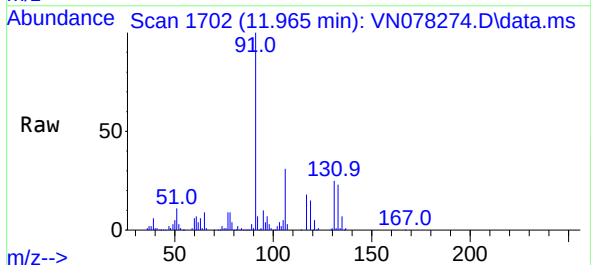
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

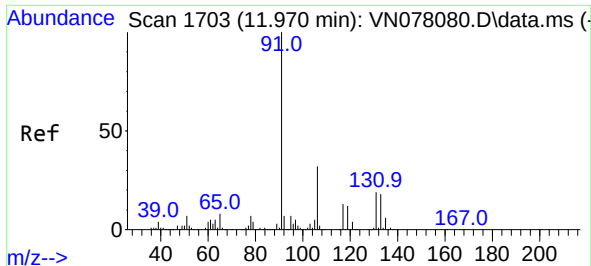
Tgt Ion:112 Resp: 223170  
Ion Ratio Lower Upper  
112 100  
114 31.2 25.0 37.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.150 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion:131 Resp: 88276  
Ion Ratio Lower Upper  
131 100  
133 94.1 46.4 139.1  
119 66.4 34.1 102.2





#67

Ethyl Benzene

Concen: 19.817 ug/l

RT: 11.971 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VN078274.D

Acq: 19 Jun 2023 12:59

Instrument :

MSVOA\_N

ClientSampleId :

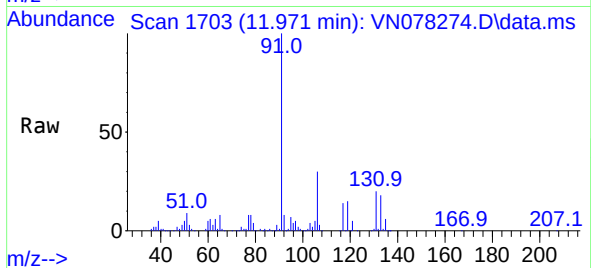
VN0619MBS01

Tgt Ion: 91 Resp: 388031

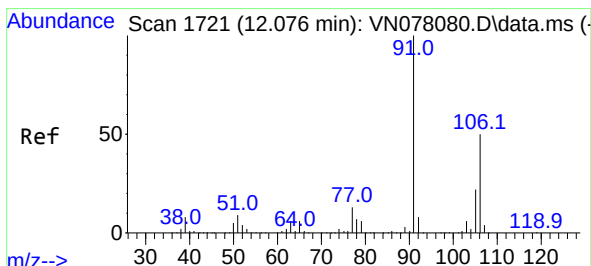
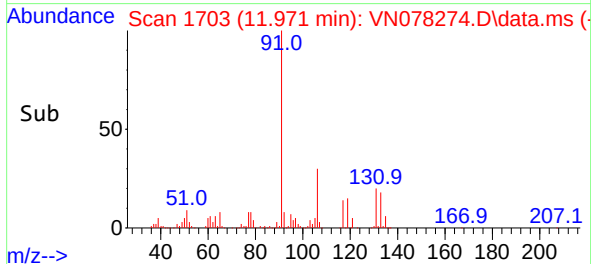
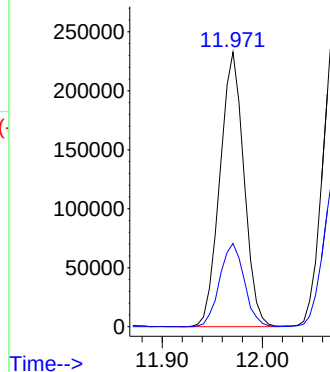
Ion Ratio Lower Upper

91 100

106 30.3 25.6 38.4



Abundance



#68

m/p-Xylenes

Concen: 39.498 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN078274.D

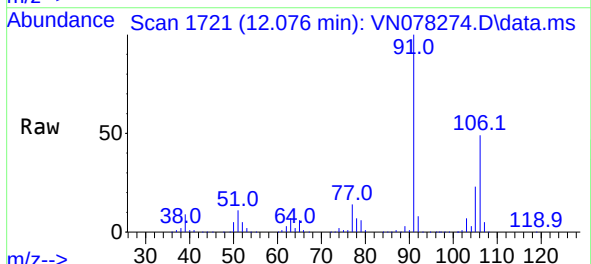
Acq: 19 Jun 2023 12:59

Tgt Ion:106 Resp: 294742

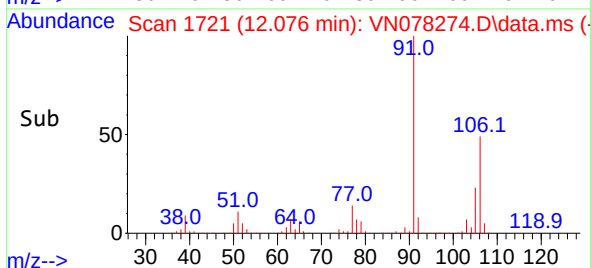
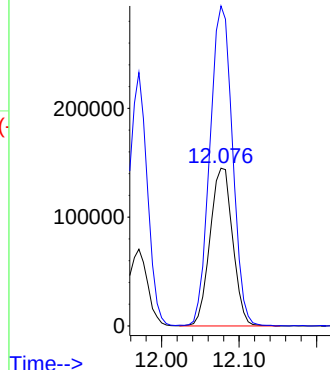
Ion Ratio Lower Upper

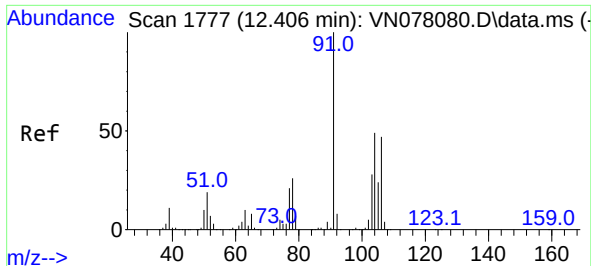
106 100

91 202.5 159.6 239.4



Abundance

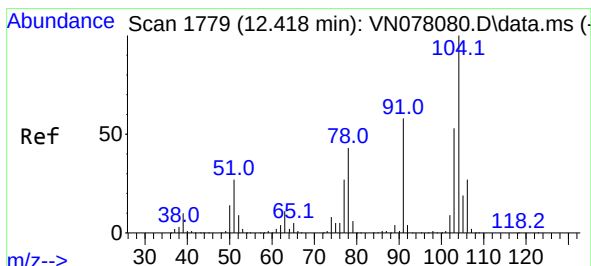
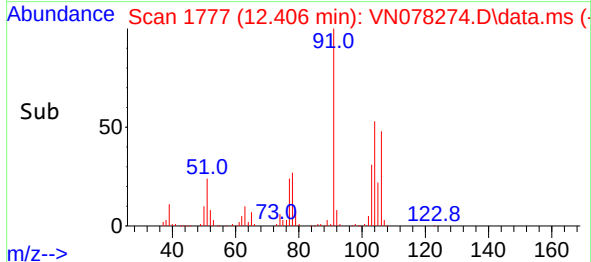
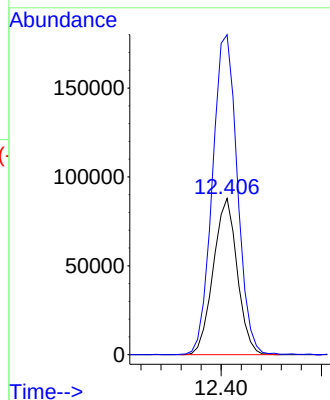
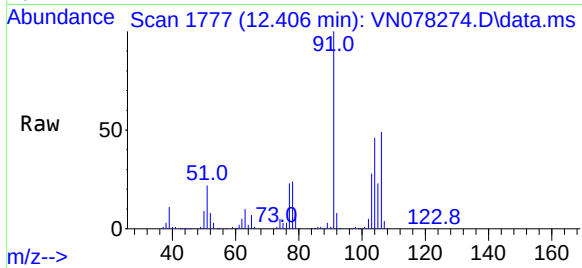




#69  
o-Xylene  
Concen: 19.870 ug/l  
RT: 12.406 min Scan# 1777  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

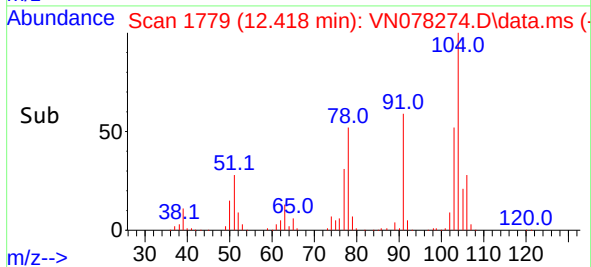
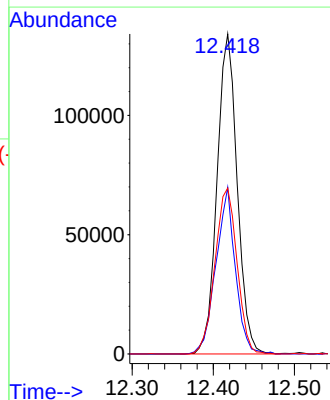
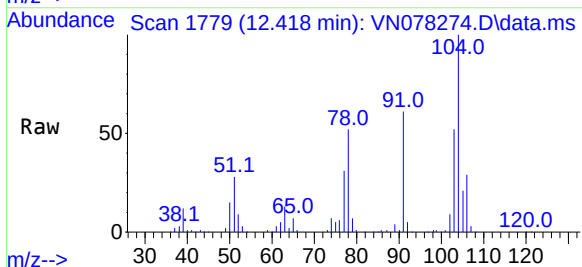
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

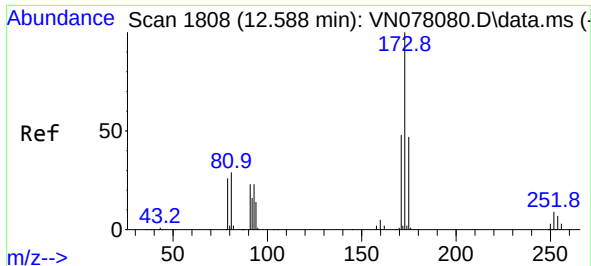
Tgt Ion:106 Resp: 145610  
Ion Ratio Lower Upper  
106 100  
91 213.5 105.2 315.5



#70  
Styrene  
Concen: 20.090 ug/l  
RT: 12.418 min Scan# 1779  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion:104 Resp: 231773  
Ion Ratio Lower Upper  
104 100  
78 50.2 39.5 59.3  
103 56.7 43.2 64.8

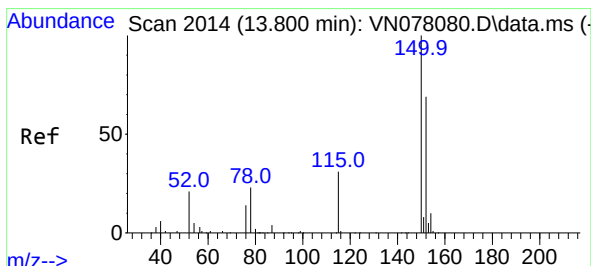
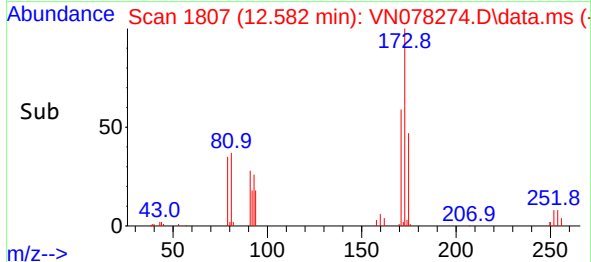
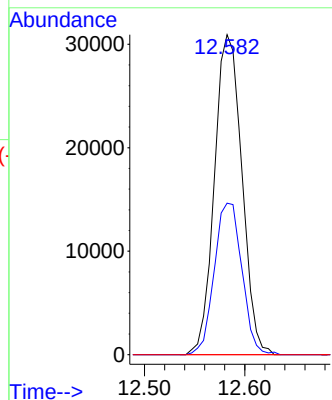
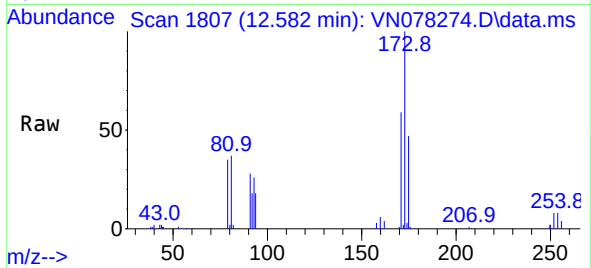




#71  
Bromoform  
Concen: 21.819 ug/l  
RT: 12.582 min Scan# 1807  
Delta R.T. -0.006 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

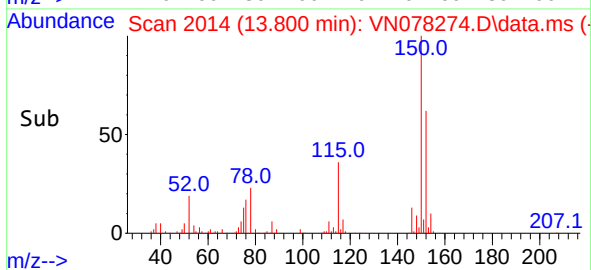
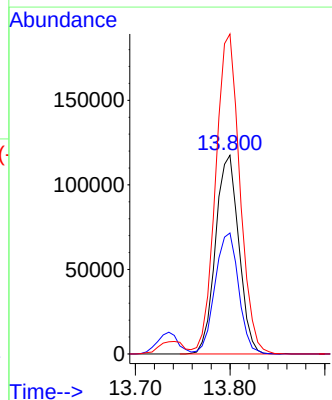
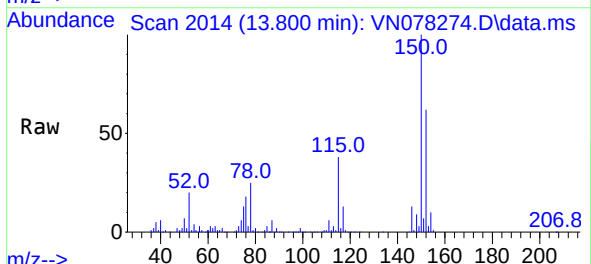
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

Tgt Ion:173 Resp: 58771  
Ion Ratio Lower Upper  
173 100  
175 47.6 24.3 73.0  
254 0.0 0.0 0.0

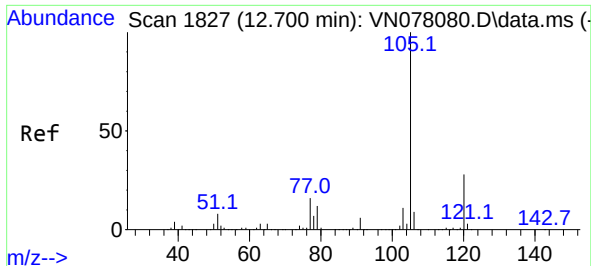


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.800 min Scan# 2014  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion:152 Resp: 200964  
Ion Ratio Lower Upper  
152 100  
115 61.9 32.3 96.8  
150 167.2 0.0 355.8



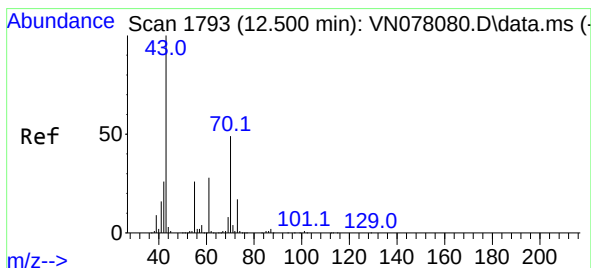
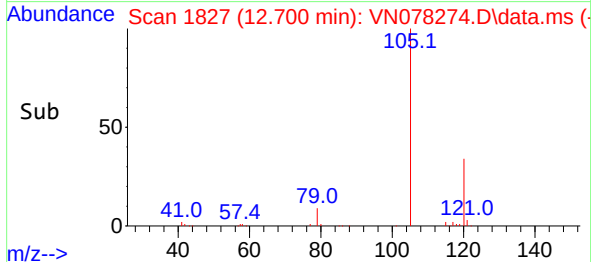
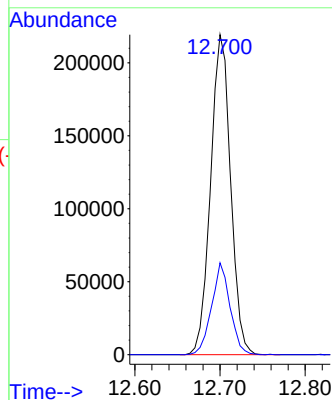
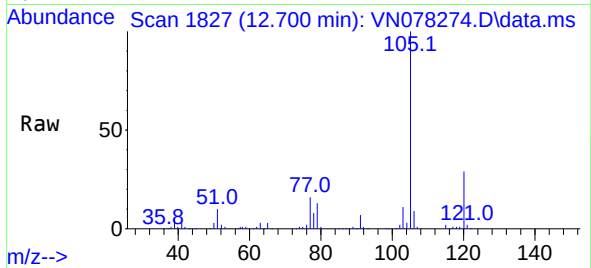




#73  
Isopropylbenzene  
Concen: 18.854 ug/l  
RT: 12.700 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

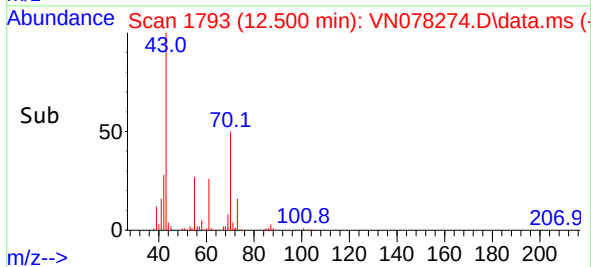
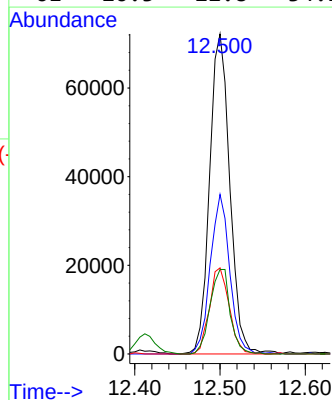
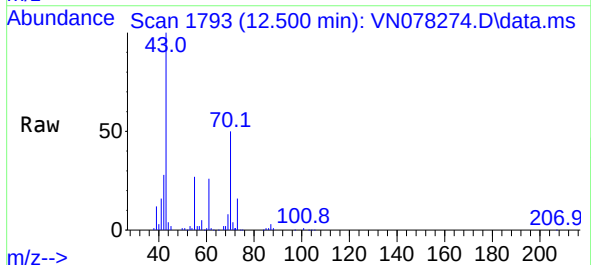
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

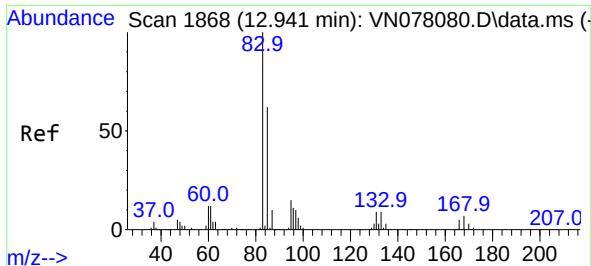
Tgt Ion:105 Resp: 358305  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.1 39.1



#74  
N-ethyl acetate  
Concen: 18.996 ug/l  
RT: 12.500 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion: 43 Resp: 118875  
Ion Ratio Lower Upper  
43 100  
70 48.2 43.4 65.2  
55 26.5 21.4 32.0  
61 26.3 22.8 34.2

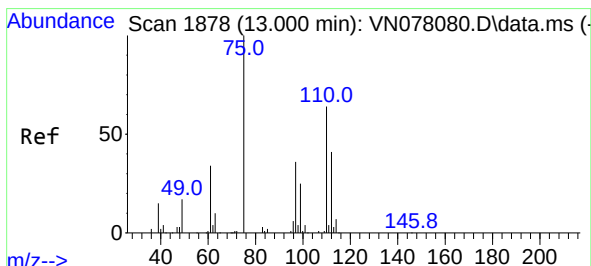
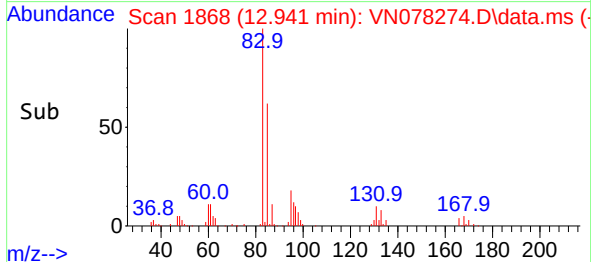
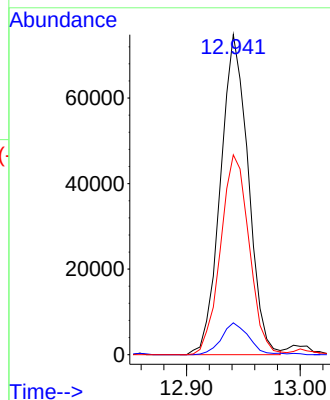
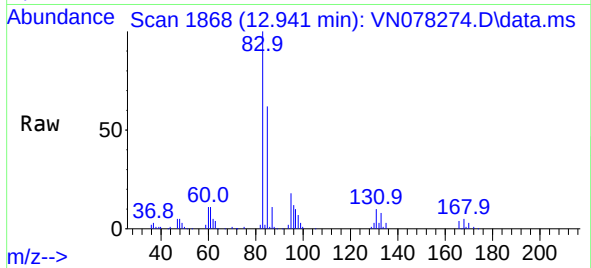




#75  
1,1,2,2-Tetrachloroethane  
Concen: 22.957 ug/l  
RT: 12.941 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

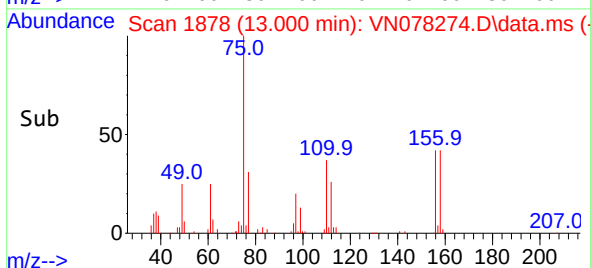
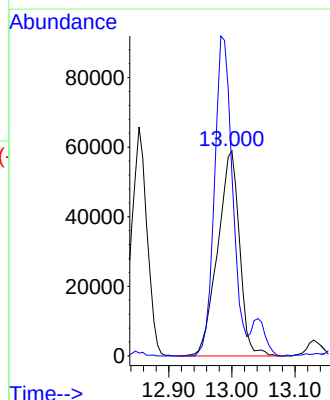
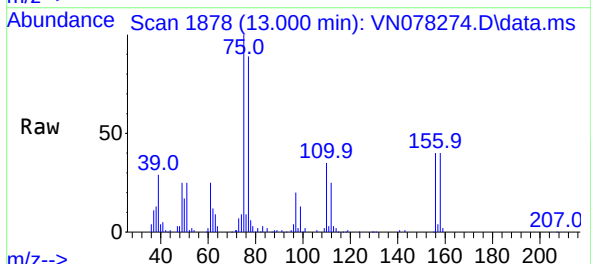
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

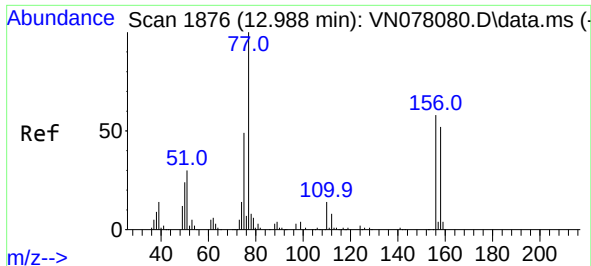
Tgt Ion: 83 Resp: 126913  
Ion Ratio Lower Upper  
83 100  
131 10.0 5.0 15.0  
85 64.4 31.9 95.7



#76  
1,2,3-Trichloropropane  
Concen: 29.859 ug/l  
RT: 13.000 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion: 75 Resp: 141857  
Ion Ratio Lower Upper  
75 100  
77 128.1 84.5 253.5

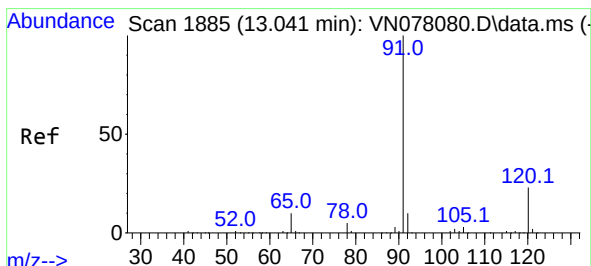
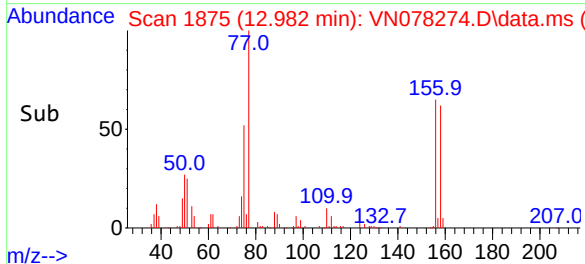
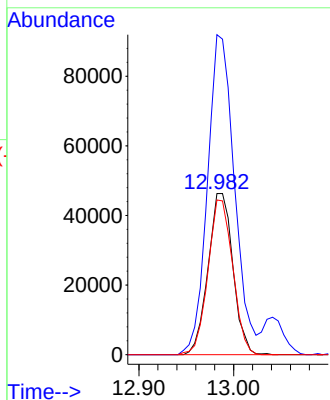
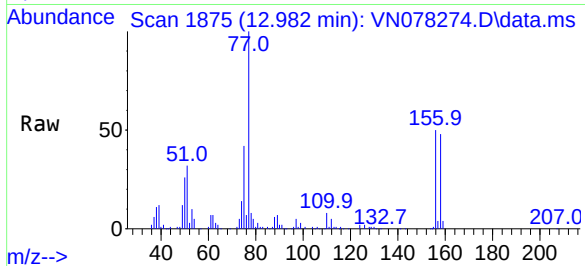




#77  
Bromobenzene  
Concen: 19.127 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. -0.006 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

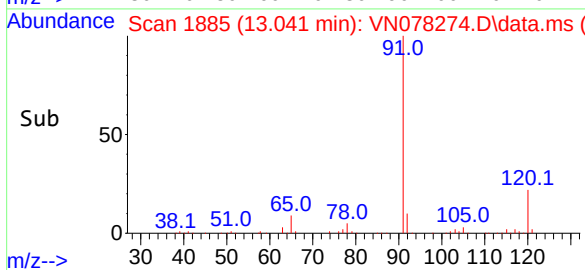
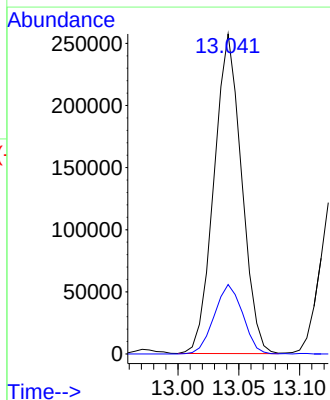
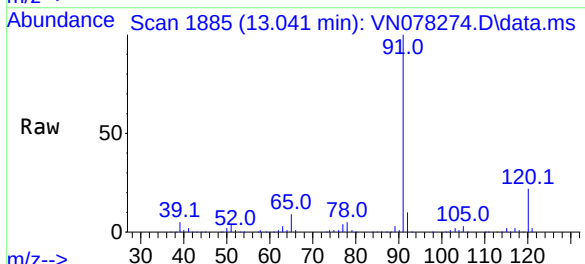
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

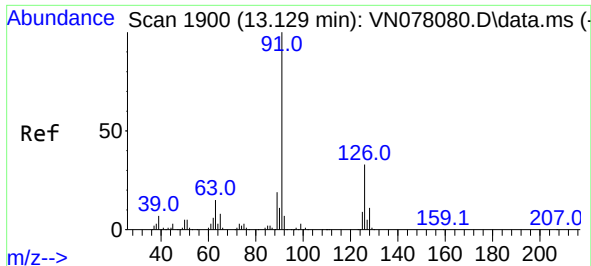
Tgt Ion:156 Resp: 84380  
Ion Ratio Lower Upper  
156 100  
77 215.3 107.7 323.3  
158 95.6 48.4 145.3



#78  
n-propylbenzene  
Concen: 19.667 ug/l  
RT: 13.041 min Scan# 1885  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion: 91 Resp: 406067  
Ion Ratio Lower Upper  
91 100  
120 22.3 11.5 34.4

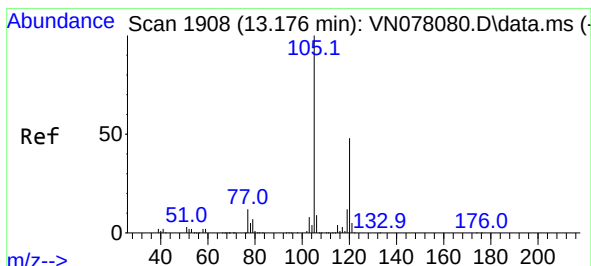
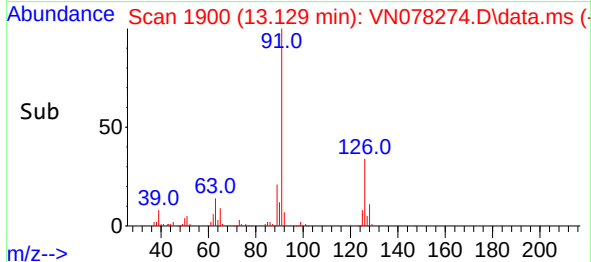
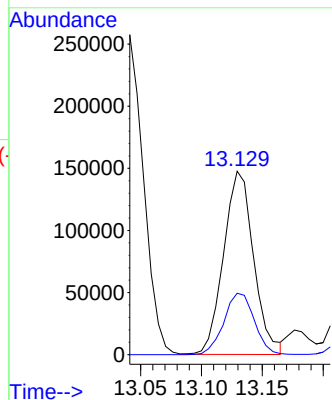
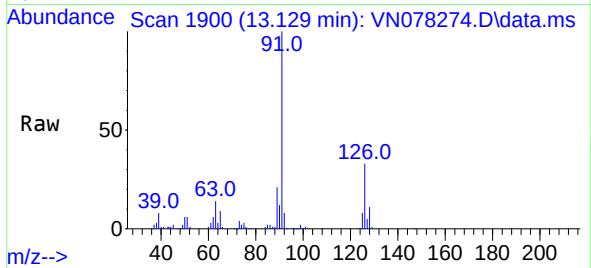




#79  
2-Chlorotoluene  
Concen: 19.069 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

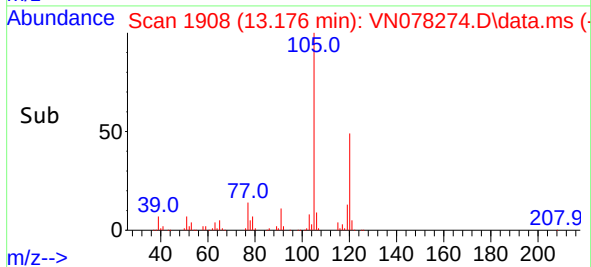
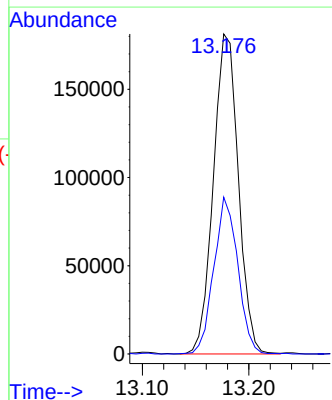
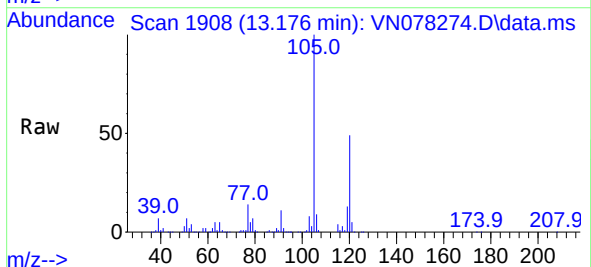
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

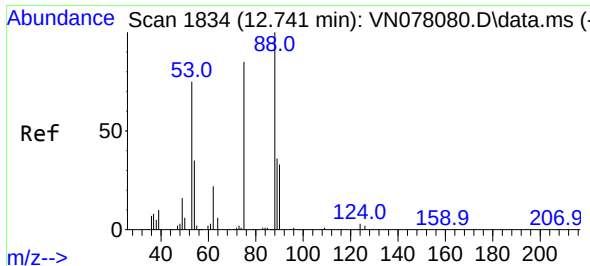
Tgt Ion: 91 Resp: 254143  
Ion Ratio Lower Upper  
91 100  
126 33.9 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 19.191 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion: 105 Resp: 295266  
Ion Ratio Lower Upper  
105 100  
120 47.0 24.1 72.3

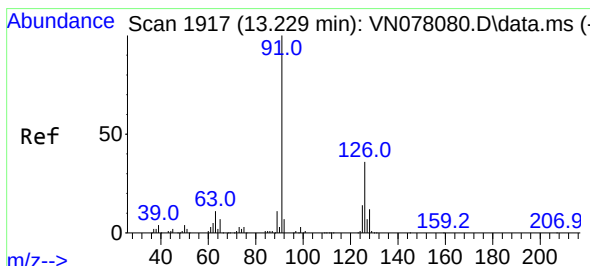
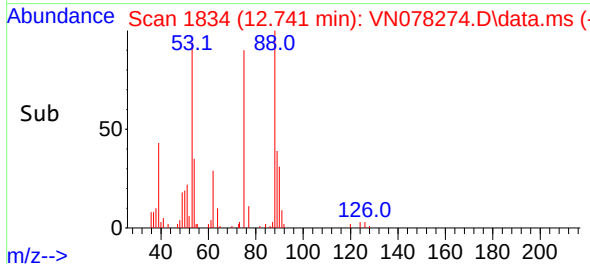
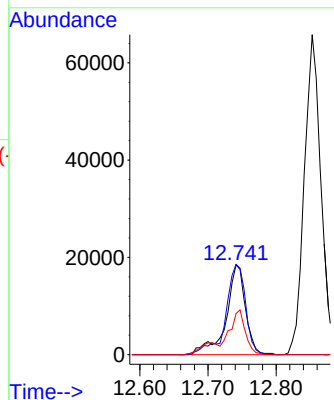
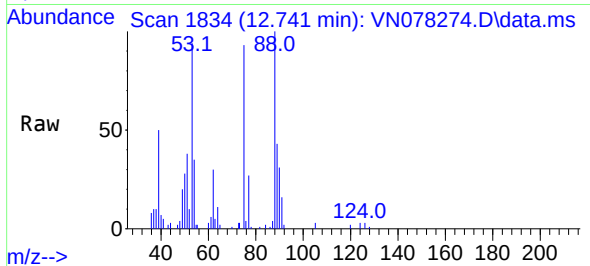




#81  
trans-1,4-Dichloro-2-butene  
Concen: 23.653 ug/l  
RT: 12.741 min Scan# 1834  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

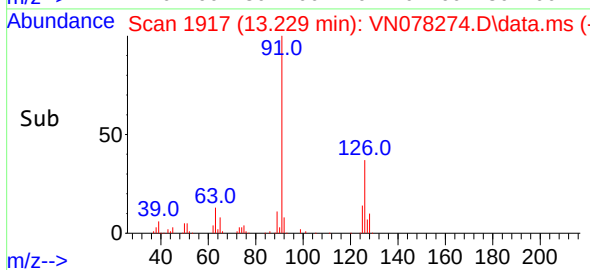
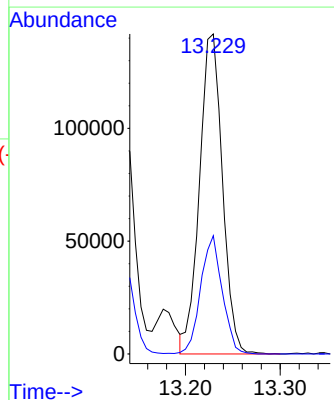
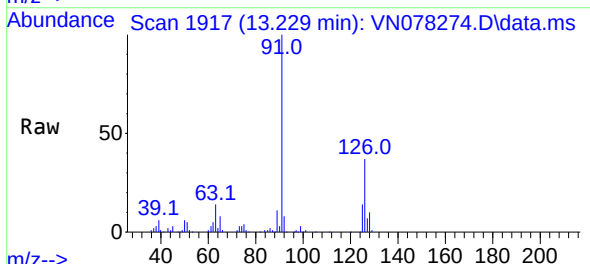
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

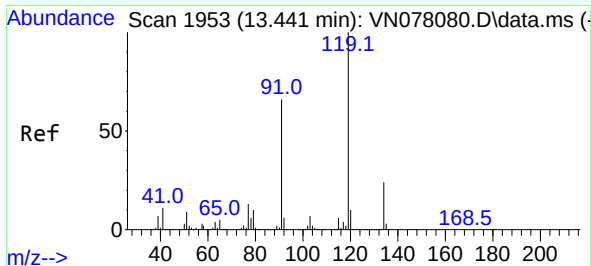
Tgt Ion: 75 Resp: 36575  
Ion Ratio Lower Upper  
75 100  
53 103.3 67.4 101.2#  
89 39.8 38.8 58.2



#82  
4-Chlorotoluene  
Concen: 19.168 ug/l  
RT: 13.229 min Scan# 1917  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion: 91 Resp: 238425  
Ion Ratio Lower Upper  
91 100  
126 34.7 16.7 50.0

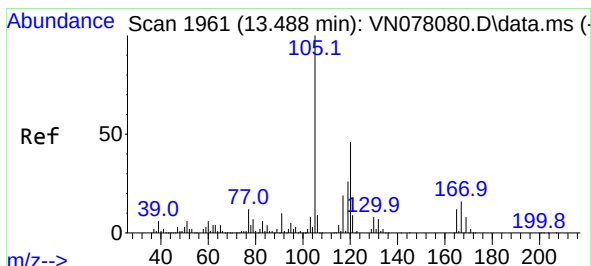
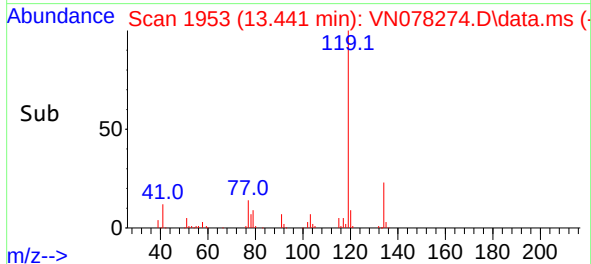
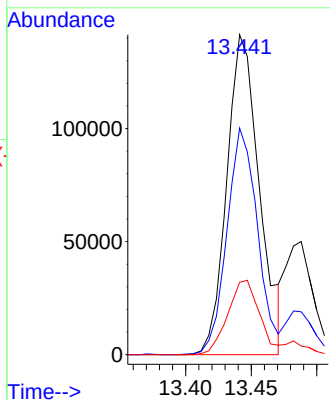
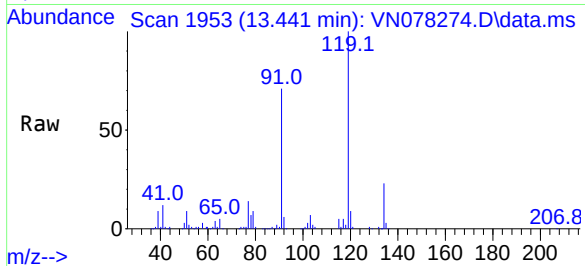




#83  
tert-Butylbenzene  
Concen: 18.303 ug/l  
RT: 13.441 min Scan# 1953  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

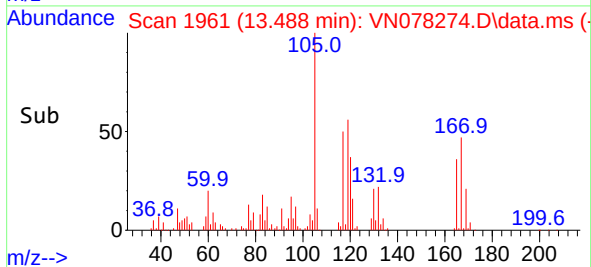
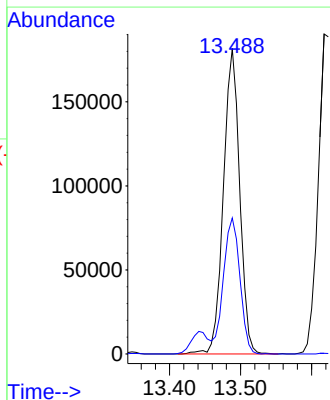
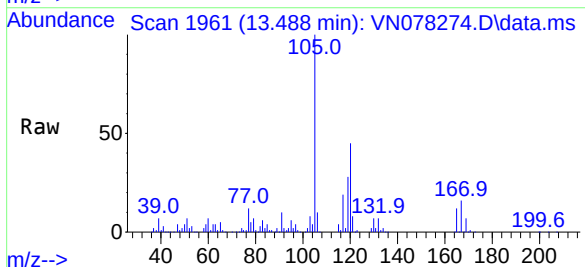
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

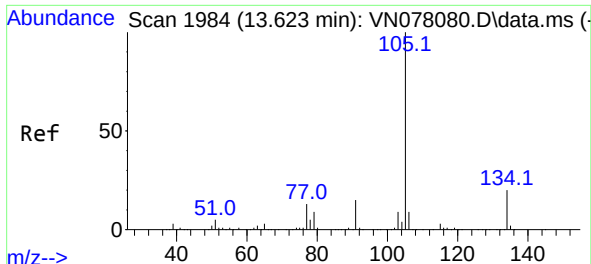
Tgt Ion:119 Resp: 244784  
Ion Ratio Lower Upper  
119 100  
91 66.5 33.9 101.7  
134 22.7 13.2 39.6



#84  
1,2,4-Trimethylbenzene  
Concen: 19.310 ug/l  
RT: 13.488 min Scan# 1961  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion:105 Resp: 288051  
Ion Ratio Lower Upper  
105 100  
120 45.3 22.0 66.0

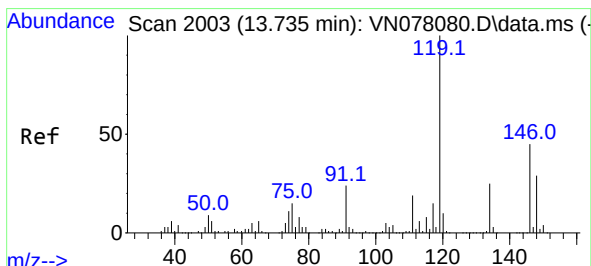
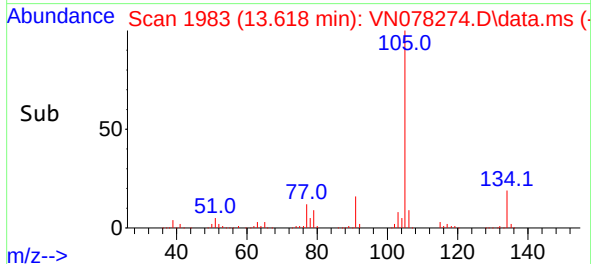
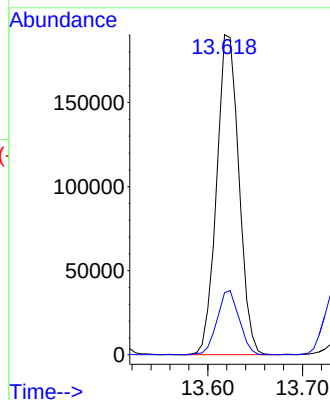
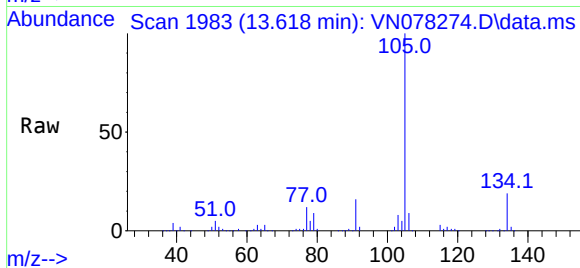




#85  
 sec-Butylbenzene  
 Concen: 17.793 ug/l  
 RT: 13.618 min Scan# 1983  
 Delta R.T. -0.006 min  
 Lab File: VN078274.D  
 Acq: 19 Jun 2023 12:59

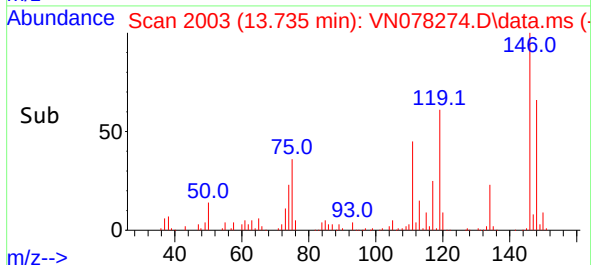
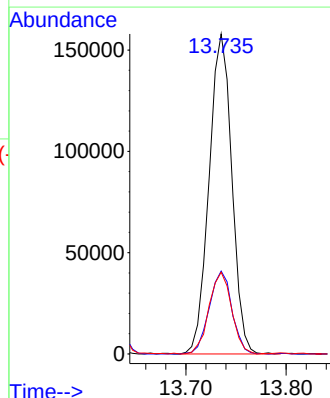
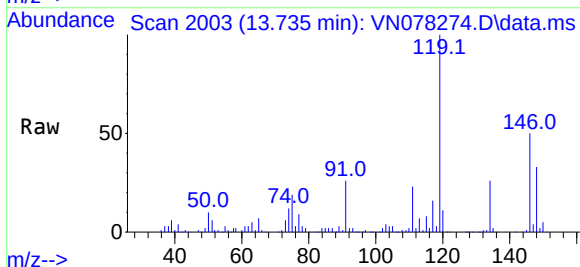
Instrument :  
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 ClientSampleId :  
 VN0619MBS01

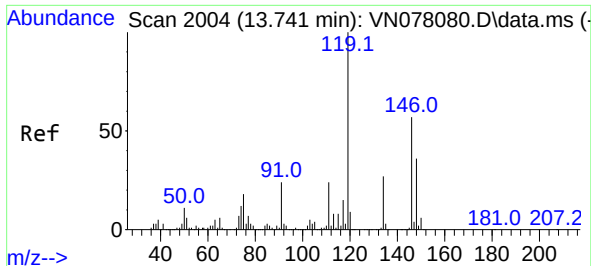
Tgt Ion:105 Resp: 311463  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 17.521 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.000 min  
 Lab File: VN078274.D  
 Acq: 19 Jun 2023 12:59

Tgt Ion:119 Resp: 248890  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 12.6 37.8  
 91 25.5 12.4 37.2

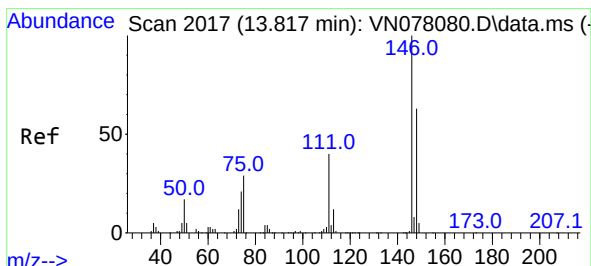
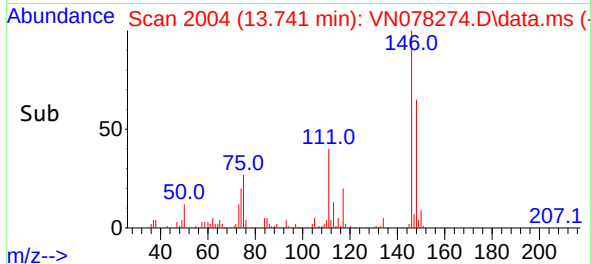
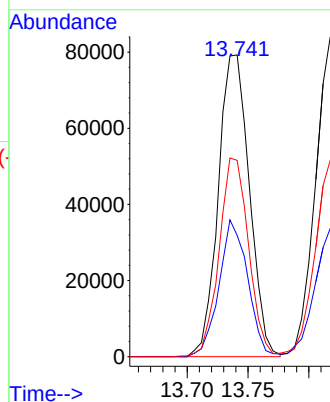
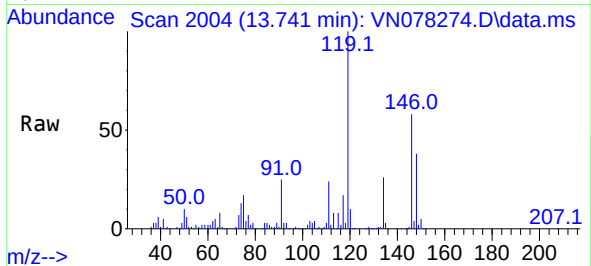




#87  
1,3-Dichlorobenzene  
Concen: 18.870 ug/l  
RT: 13.741 min Scan# 2004  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

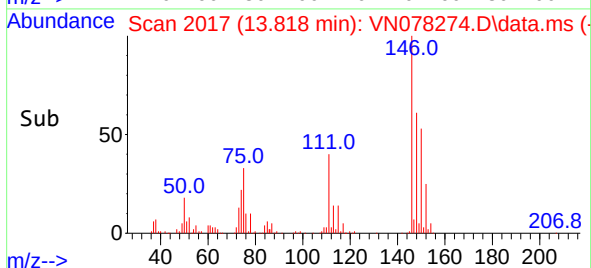
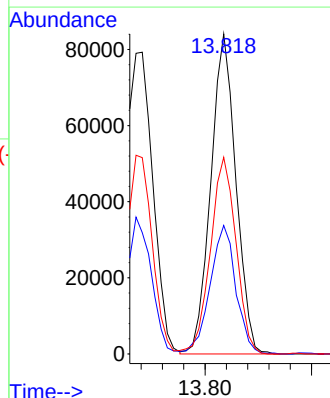
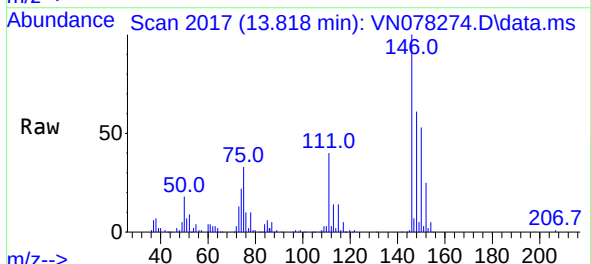
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

Tgt Ion:146 Resp: 140810  
Ion Ratio Lower Upper  
146 100  
111 41.9 22.1 66.3  
148 62.6 32.0 96.0

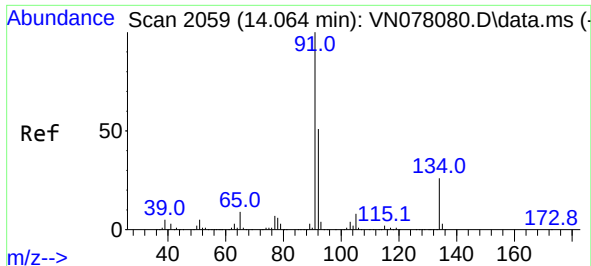


#88  
1,4-Dichlorobenzene  
Concen: 19.098 ug/l  
RT: 13.818 min Scan# 2017  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion:146 Resp: 137516  
Ion Ratio Lower Upper  
146 100  
111 41.3 20.6 61.8  
148 62.5 31.6 94.8



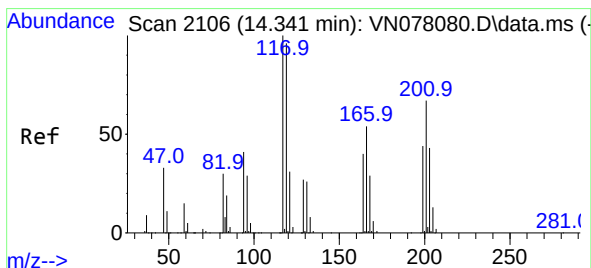
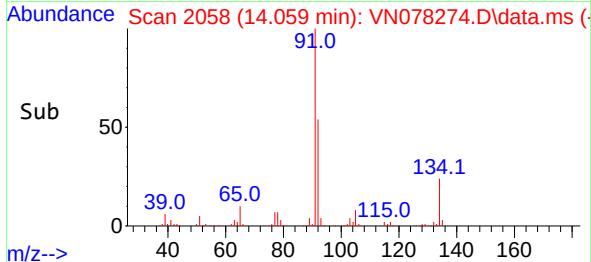
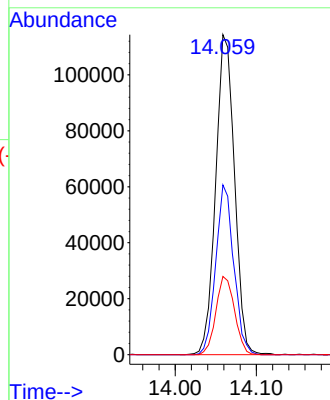
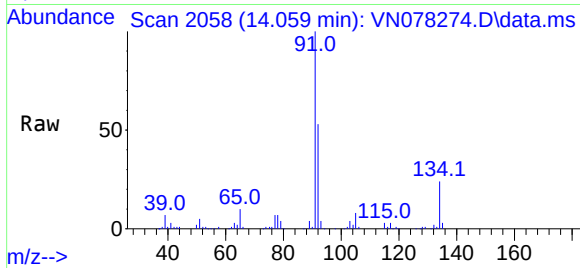




#89  
n-Butylbenzene  
Concen: 16.470 ug/l  
RT: 14.059 min Scan# 2058  
Delta R.T. -0.006 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

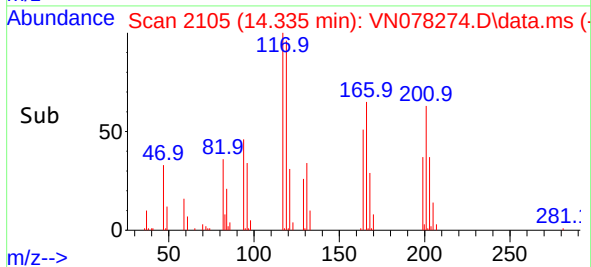
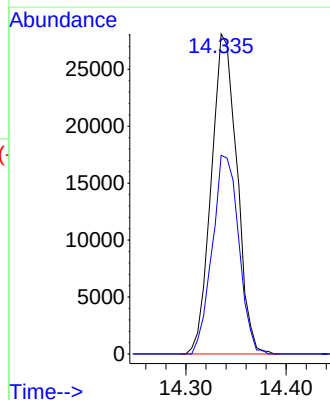
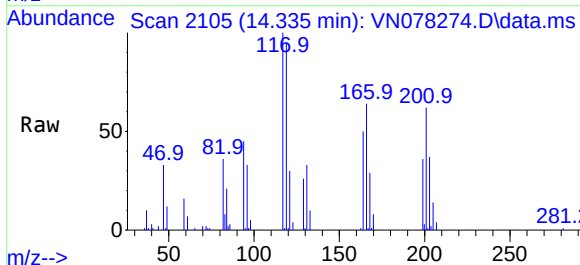
Instrument :  
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ClientSampleId :  
VN0619MBS01

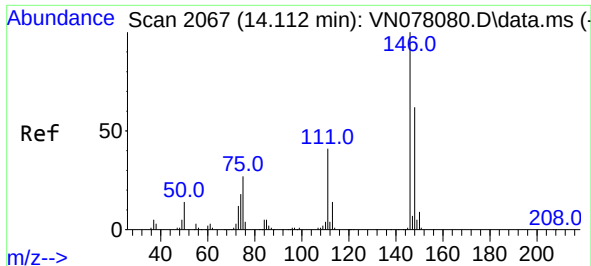
Tgt Ion: 91 Resp: 184544  
Ion Ratio Lower Upper  
91 100  
92 50.7 26.4 79.0  
134 24.2 12.6 37.6



#90  
Hexachloroethane  
Concen: 19.780 ug/l  
RT: 14.335 min Scan# 2105  
Delta R.T. -0.006 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion: 117 Resp: 49864  
Ion Ratio Lower Upper  
117 100  
201 64.1 29.3 88.0

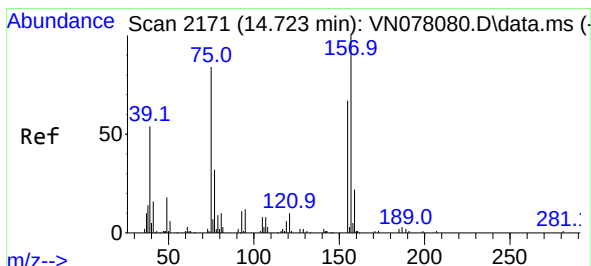
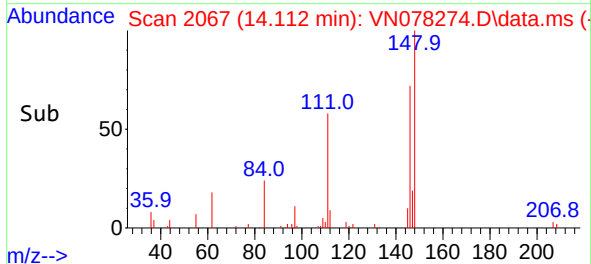
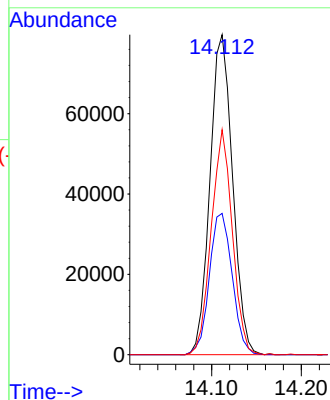
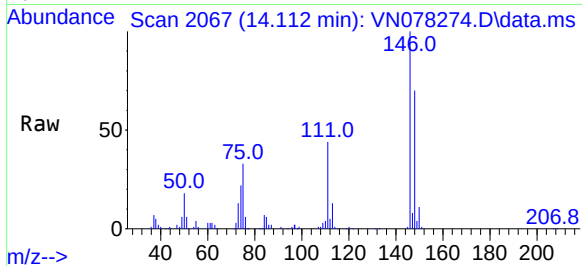




#91  
1,2-Dichlorobenzene  
Concen: 19.077 ug/l  
RT: 14.112 min Scan# 2067  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

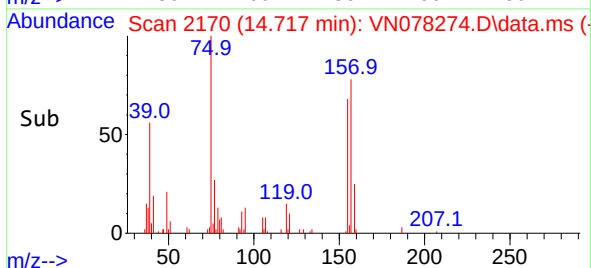
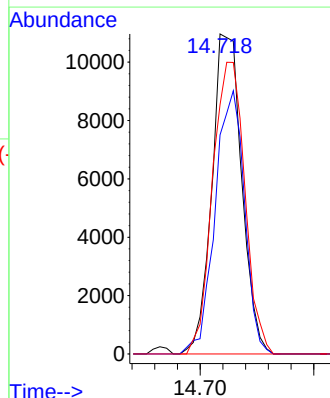
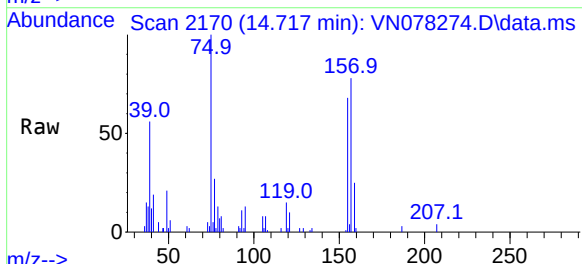
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

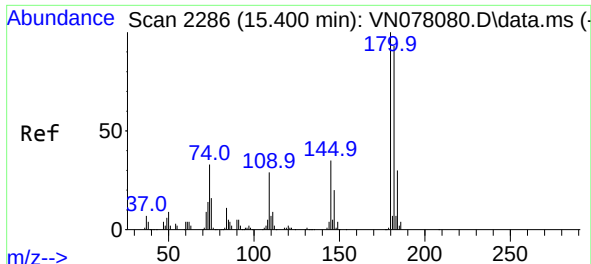
Tgt Ion:146 Resp: 139127  
Ion Ratio Lower Upper  
146 100  
111 44.7 22.0 66.0  
148 65.9 31.8 95.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 21.293 ug/l  
RT: 14.717 min Scan# 2170  
Delta R.T. -0.006 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion: 75 Resp: 20043  
Ion Ratio Lower Upper  
75 100  
155 80.9 39.1 117.2  
157 98.2 50.3 150.9

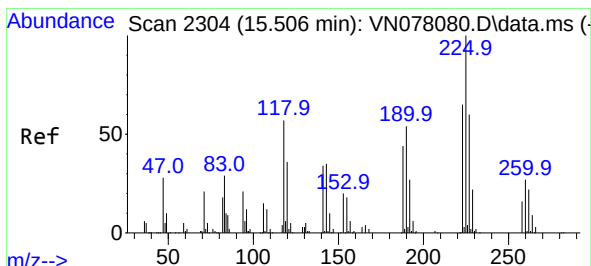
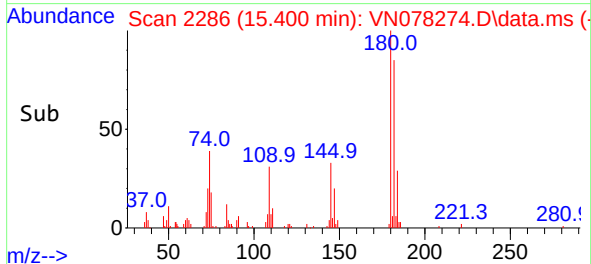
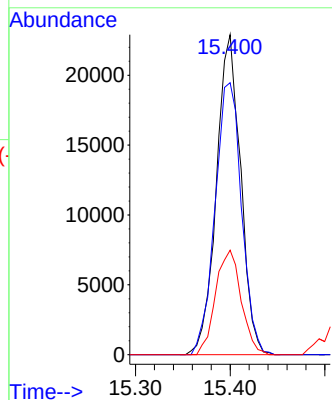
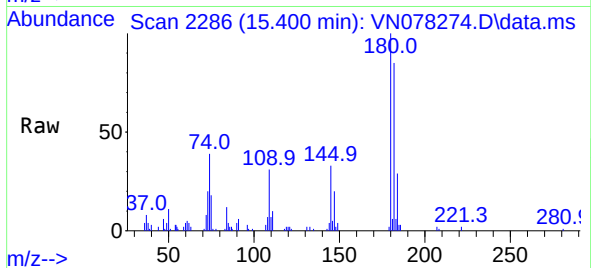




#93  
1,2,4-Trichlorobenzene  
Concen: 15.664 ug/l  
RT: 15.400 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

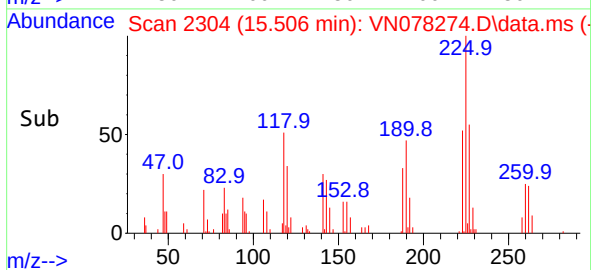
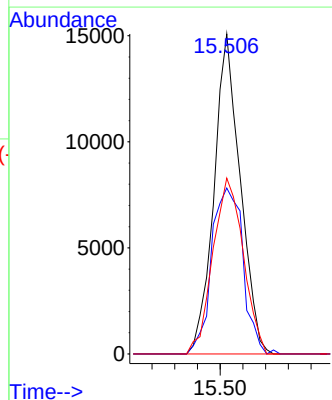
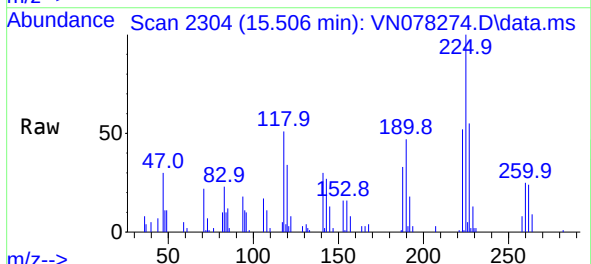
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

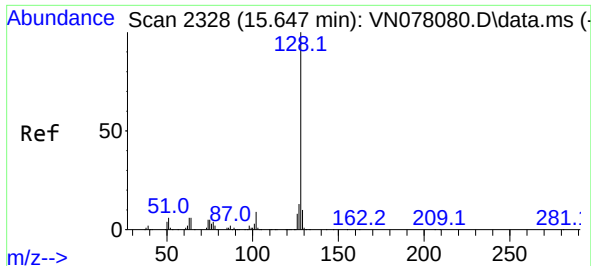
Tgt Ion:180 Resp: 40702  
Ion Ratio Lower Upper  
180 100  
182 93.1 46.1 138.2  
145 34.5 16.6 49.8



#94  
Hexachlorobutadiene  
Concen: 17.278 ug/l  
RT: 15.506 min Scan# 2304  
Delta R.T. -0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Tgt Ion:225 Resp: 24240  
Ion Ratio Lower Upper  
225 100  
223 61.6 31.3 93.8  
227 63.5 31.9 95.9

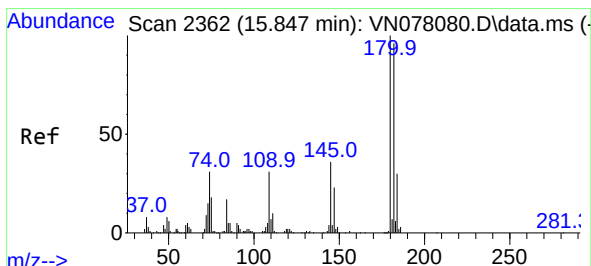
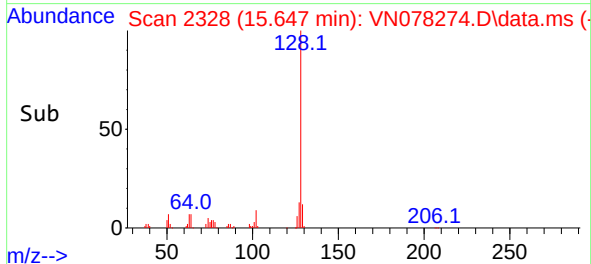
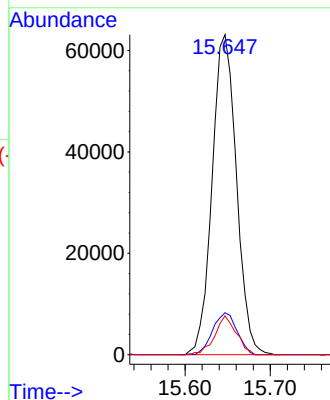
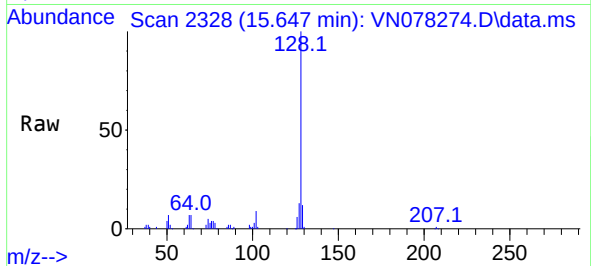




#95  
Naphthalene  
Concen: 14.331 ug/l  
RT: 15.647 min Scan# 2328  
Delta R.T. 0.000 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0619MBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 125258 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 13.1  | 10.0  | 15.0   |
| 129      | 10.7  | 8.7   | 13.1   |



#96  
1,2,3-Trichlorobenzene  
Concen: 16.182 ug/l  
RT: 15.841 min Scan# 2361  
Delta R.T. -0.006 min  
Lab File: VN078274.D  
Acq: 19 Jun 2023 12:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 47027 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 98.9  | 46.2  | 138.6 |
| 145      | 35.4  | 17.5  | 52.6  |

