

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011323\  
 Data File : VN076239.D  
 Acq On : 13 Jan 2023 11:16  
 Operator : JC\MD  
 Sample : VN0113WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jan 16 01:03:56 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 14 13:03:41 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.230  | 168  | 351992   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 558553   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.871 | 117  | 489826   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 221391   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.588  | 65    | 187282   | 48.907   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 97.820% |
| 35) Dibromofluoromethane    | 8.171  | 113   | 172194   | 49.781   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 99.560% |
| 50) Toluene-d8              | 10.571 | 98    | 607651   | 46.985   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 93.960% |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 203391   | 47.482   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 94.960% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.142 | 85  | 59837  | 23.942  | ug/l   | 98  |
| 3) Chloromethane             | 2.371 | 50  | 62144  | 19.996  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.524 | 62  | 77262  | 20.841  | ug/l   | 97  |
| 5) Bromomethane              | 2.965 | 94  | 65731  | 20.863  | ug/l   | 97  |
| 6) Chloroethane              | 3.130 | 64  | 60797  | 22.146  | ug/l   | 95  |
| 7) Trichlorofluoromethane    | 3.506 | 101 | 109351 | 19.440  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.971 | 74  | 39726  | 19.336  | ug/l   | 100 |
| 9) 1,1,2-Trichlorotrifluo... | 4.389 | 101 | 64386  | 20.045  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.606 | 142 | 90306  | 17.324  | ug/l   | 97  |
| 11) Tert butyl alcohol       | 5.536 | 59  | 52405  | 96.715  | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 4.353 | 96  | 57962  | 18.580  | ug/l   | 99  |
| 13) Acrolein                 | 4.195 | 56  | 61595  | 92.723  | ug/l   | 97  |
| 14) Allyl chloride           | 5.036 | 41  | 74634  | 20.465  | ug/l   | 97  |
| 15) Acrylonitrile            | 5.736 | 53  | 145817 | 98.614  | ug/l   | 99  |
| 16) Acetone                  | 4.442 | 43  | 129272 | 97.930  | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.730 | 76  | 124431 | 16.474  | ug/l   | 99  |
| 18) Methyl Acetate           | 5.036 | 43  | 84879  | 21.753  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.812 | 73  | 210672 | 20.507  | ug/l   | 99  |
| 20) Methylene Chloride       | 5.295 | 84  | 68339  | 18.955  | ug/l   | 92  |
| 21) trans-1,2-Dichloroethene | 5.800 | 96  | 61093  | 17.882  | ug/l   | 88  |
| 22) Diisopropyl ether        | 6.683 | 45  | 175234 | 19.780  | ug/l   | 97  |
| 23) Vinyl Acetate            | 6.618 | 43  | 567241 | 95.129  | ug/l   | 96  |
| 24) 1,1-Dichloroethane       | 6.583 | 63  | 112316 | 19.010  | ug/l   | 99  |
| 25) 2-Butanone               | 7.494 | 43  | 192709 | 104.262 | ug/l   | 96  |
| 26) 2,2-Dichloropropane      | 7.506 | 77  | 95587  | 19.104  | ug/l   | 95  |
| 27) cis-1,2-Dichloroethene   | 7.500 | 96  | 75266  | 18.420  | ug/l   | 96  |
| 28) Bromochloromethane       | 7.818 | 49  | 45057  | 17.399  | ug/l   | 97  |
| 29) Tetrahydrofuran          | 7.847 | 42  | 122295 | 105.583 | ug/l   | 96  |
| 30) Chloroform               | 7.971 | 83  | 124416 | 18.703  | ug/l   | 93  |
| 31) Cyclohexane              | 8.265 | 56  | 96682  | 17.629  | ug/l   | 91  |
| 32) 1,1,1-Trichloroethane    | 8.177 | 97  | 113153 | 19.186  | ug/l   | 96  |
| 36) 1,1-Dichloropropene      | 8.377 | 75  | 87381  | 19.017  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.571 | 43  | 78159  | 21.176  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 8.371 | 117 | 100122 | 19.468  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.606 | 83  | 106004 | 19.122  | ug/l   | 100 |
| 40) Benzene                  | 8.612 | 78  | 267496 | 18.868  | ug/l   | 98  |

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 Sample : VN0113WBS01  
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 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jan 16 01:03:56 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 14 13:03:41 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.788  | 41   | 38992    | 20.324  | ug/l   | 94       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 92623    | 19.652  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.694  | 43   | 124427   | 20.437  | ug/l   | 99       |
| 44) Trichloroethene           | 9.359  | 130  | 73029    | 18.285  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.630  | 63   | 66810    | 19.366  | ug/l   | 97       |
| 46) Dibromomethane            | 9.718  | 93   | 47945    | 18.737  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.894  | 83   | 94838    | 18.900  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.688  | 41   | 58330    | 21.271  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 25900    | 384.190 | ug/l # | 84       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 389179   | 105.697 | ug/l   | 98       |
| 52) Toluene                   | 10.635 | 92   | 178179   | 19.298  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 93637    | 19.063  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 103530   | 19.197  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 11.024 | 97   | 70786    | 19.532  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.877 | 69   | 96471    | 20.041  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 114946   | 19.336  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 164755   | 107.499 | ug/l   | 100      |
| 59) 2-Hexanone                | 11.200 | 43   | 283951   | 105.747 | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.359 | 129  | 75933    | 18.840  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 69634    | 18.987  | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.106 | 164  | 77043    | 22.352  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.894 | 112  | 189115   | 18.811  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 71592    | 19.225  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.965 | 91   | 331940   | 19.563  | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.071 | 106  | 263121   | 39.179  | ug/l   | 100      |
| 69) o-Xylene                  | 12.400 | 106  | 130504   | 19.636  | ug/l   | 98       |
| 70) Styrene                   | 12.418 | 104  | 206934   | 19.583  | ug/l   | 100      |
| 71) Bromoform                 | 12.582 | 173  | 53146    | 19.614  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.700 | 105  | 336039   | 21.004  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.500 | 43   | 99369    | 21.172  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 97773    | 19.769  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 13.000 | 75   | 117325   | 26.290  | ug/l   | 71       |
| 77) Bromobenzene              | 12.982 | 156  | 77407    | 19.118  | ug/l   | 98       |
| 78) n-propylbenzene           | 13.041 | 91   | 371308   | 21.042  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 218382   | 19.826  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 281904   | 21.053  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 25620    | 20.664  | ug/l   | 93       |
| 82) 4-Chlorotoluene           | 13.129 | 91   | 218382   | 19.826  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 256571   | 21.733  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.488 | 105  | 272422   | 20.508  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.618 | 105  | 342090   | 20.994  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 282936   | 20.868  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 141803   | 18.960  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 140224   | 18.353  | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.059 | 91   | 209969   | 19.115  | ug/l   | 100      |
| 90) Hexachloroethane          | 14.335 | 117  | 47603    | 19.627  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 14.112 | 146  | 139504   | 18.937  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 15533    | 17.700  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 59544    | 16.326  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 35987    | 18.085  | ug/l   | 100      |
| 95) Naphthalene               | 15.647 | 128  | 182323   | 16.650  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 59534    | 17.465  | ug/l   | 98       |

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Sample : VN0113WBS01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

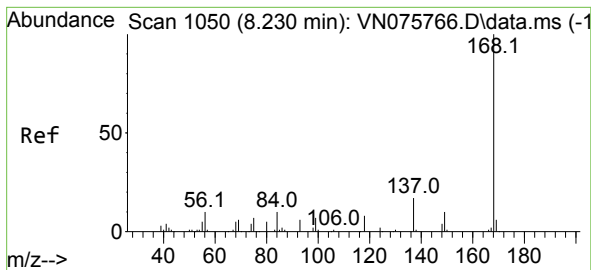
Quant Time: Jan 16 01:03:56 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 14 13:03:41 2022  
Response via : Initial Calibration

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

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

Quant Time: Jan 16 01:03:56 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 14 13:03:41 2022  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA\_N

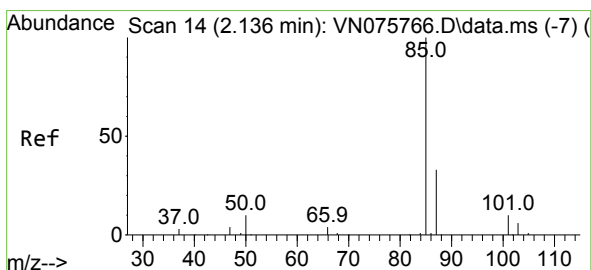
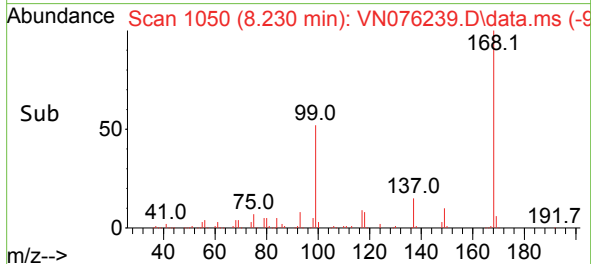
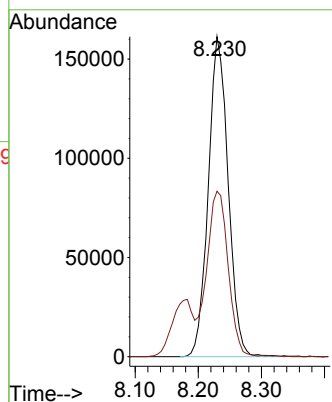
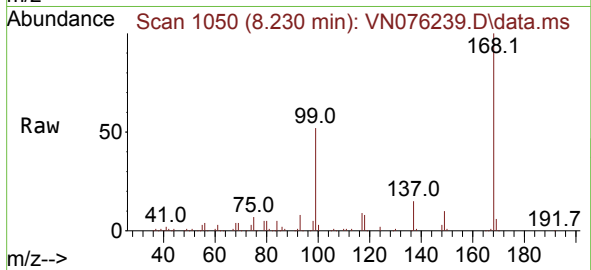
ClientSampleId :

Tgt Ion:168 Resp: 351992

Ion Ratio Lower Upper

168 100

99 51.5 44.2 66.4



#2

Dichlorodifluoromethane

Concen: 23.942 ug/l

RT: 2.142 min Scan# 15

Delta R.T. 0.006 min

Lab File: VN076239.D

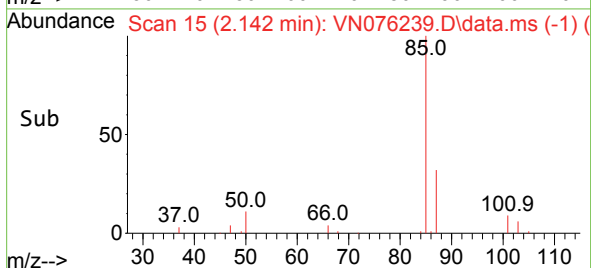
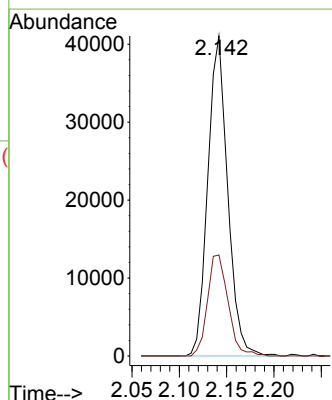
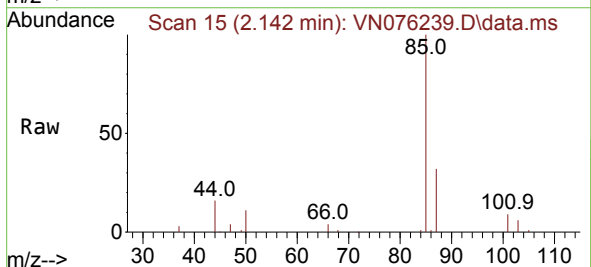
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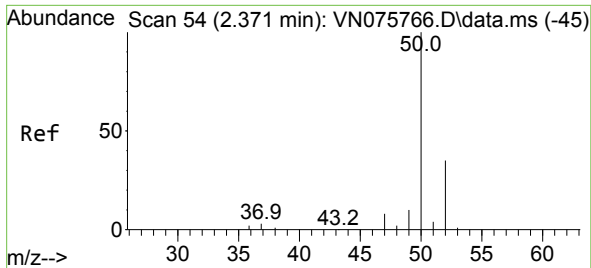
Tgt Ion: 85 Resp: 59837

Ion Ratio Lower Upper

85 100

87 31.5 16.3 48.9

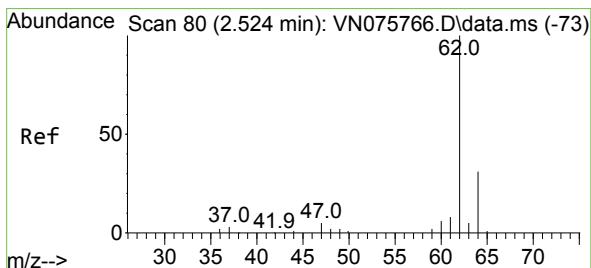
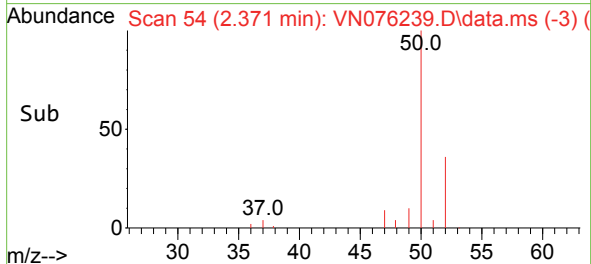
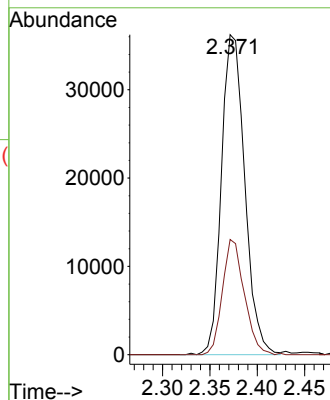
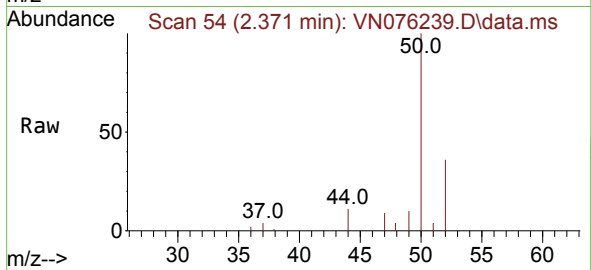




#3  
Chloromethane  
Concen: 19.996 ug/l  
RT: 2.371 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

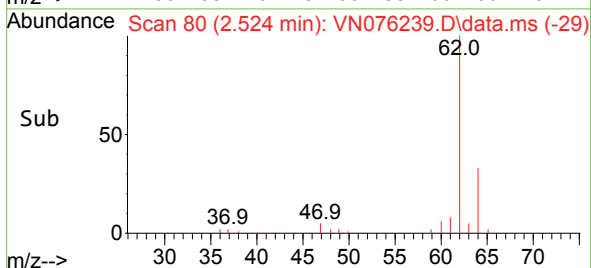
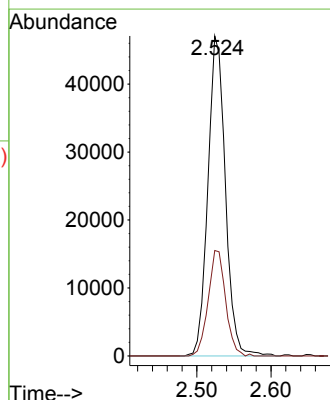
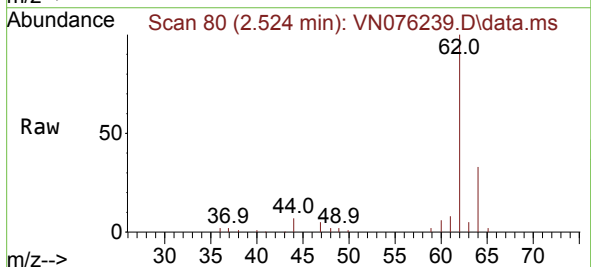
Instrument :  
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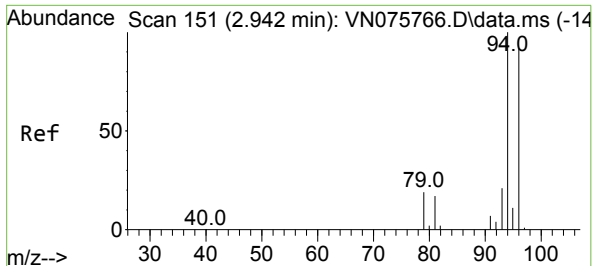
Tgt Ion: 50 Resp: 62144  
Ion Ratio Lower Upper  
50 100  
52 36.0 27.7 41.5



#4  
Vinyl Chloride  
Concen: 20.841 ug/l  
RT: 2.524 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

Tgt Ion: 62 Resp: 77262  
Ion Ratio Lower Upper  
62 100  
64 32.9 24.9 37.3

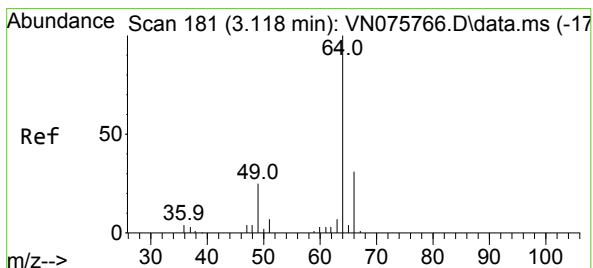
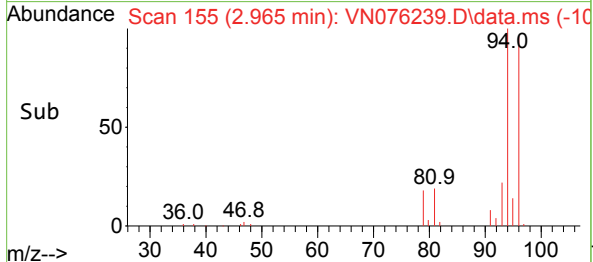
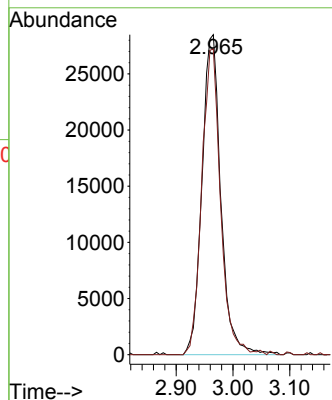
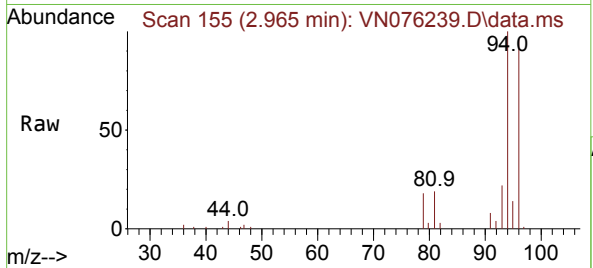




#5  
Bromomethane  
Concen: 20.863 ug/l  
RT: 2.965 min Scan# 11  
Delta R.T. 0.024 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

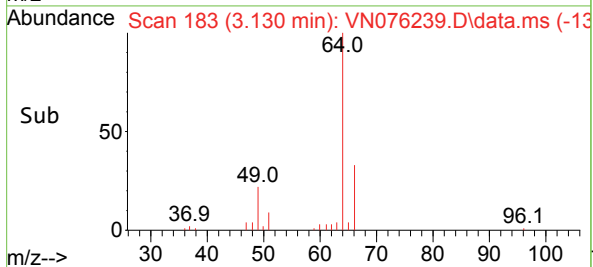
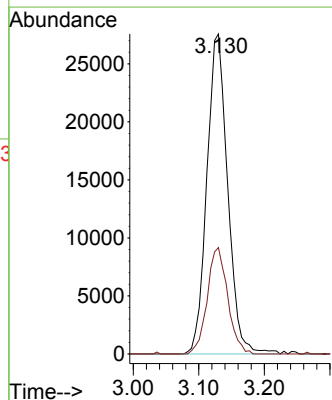
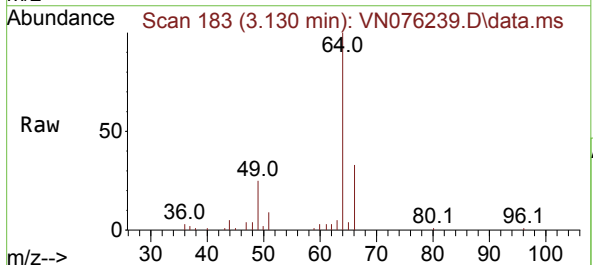
Instrument :  
MSVOA\_N  
ClientSampleId :

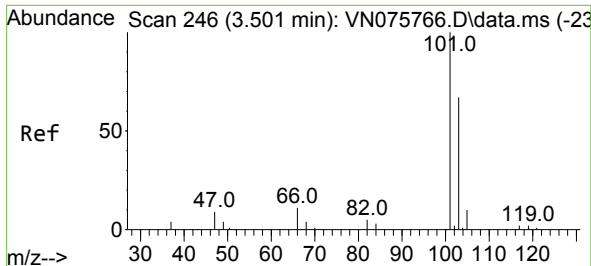
Tgt Ion: 94 Resp: 65731  
Ion Ratio Lower Upper  
94 100  
96 95.5 73.8 110.6



#6  
Chloroethane  
Concen: 22.146 ug/l  
RT: 3.130 min Scan# 183  
Delta R.T. 0.012 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

Tgt Ion: 64 Resp: 60797  
Ion Ratio Lower Upper  
64 100  
66 33.3 24.6 36.8

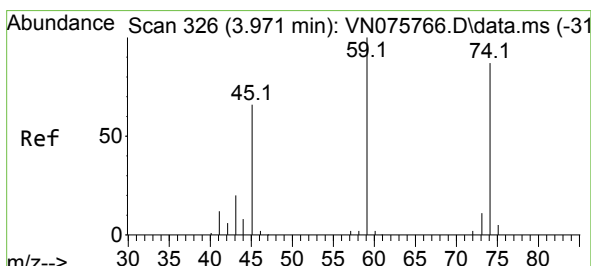
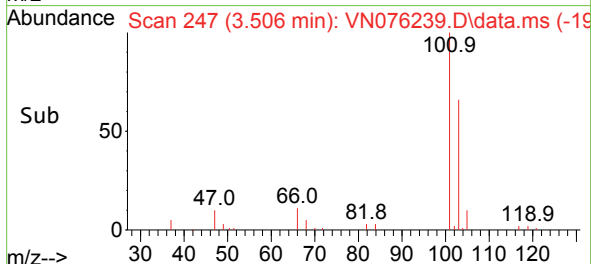
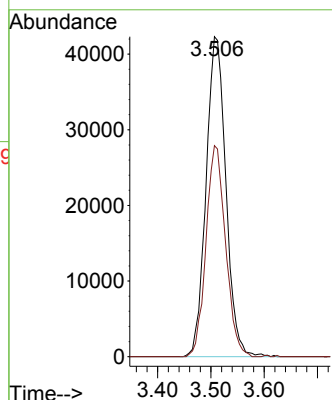
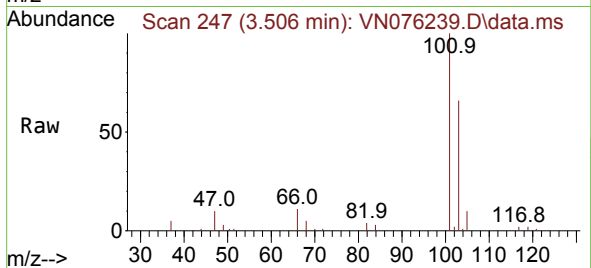




#7  
Trichlorofluoromethane  
Concen: 19.440 ug/l  
RT: 3.506 min Scan# 246  
Delta R.T. 0.006 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

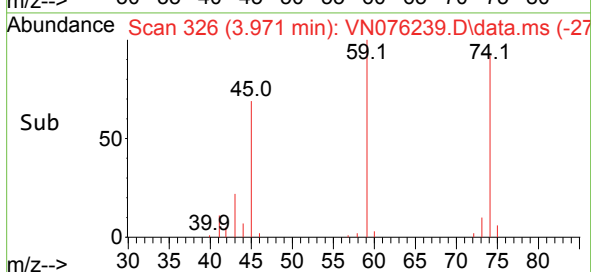
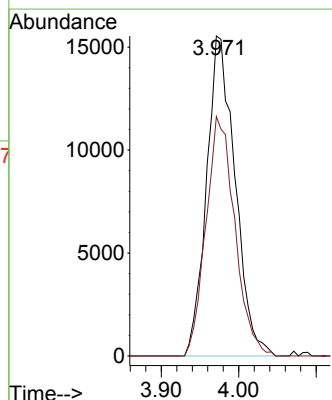
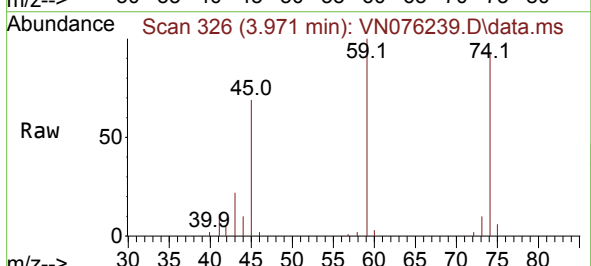
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:101 Resp: 109351  
Ion Ratio Lower Upper  
101 100  
103 65.9 53.4 80.2

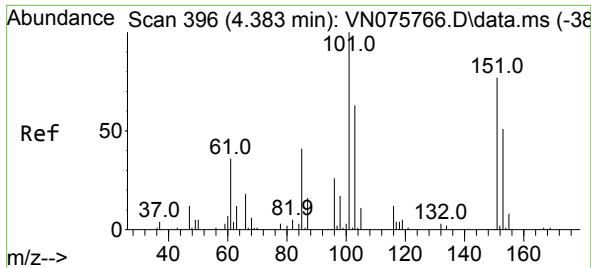


#8  
Diethyl Ether  
Concen: 19.336 ug/l  
RT: 3.971 min Scan# 326  
Delta R.T. 0.000 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

Tgt Ion: 74 Resp: 39726  
Ion Ratio Lower Upper  
74 100  
45 75.8 37.8 113.4



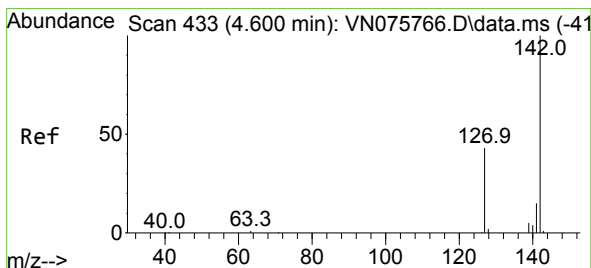
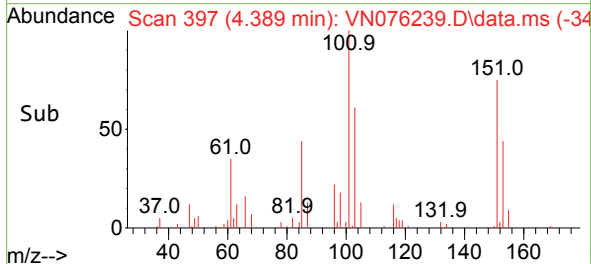
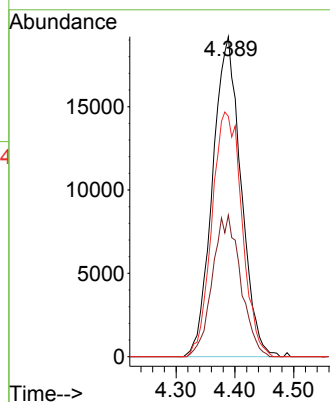
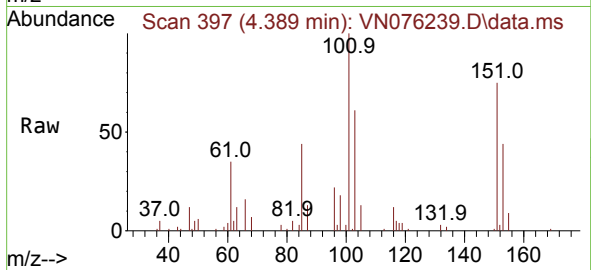




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.045 ug/l  
RT: 4.389 min Scan# 396  
Delta R.T. 0.006 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

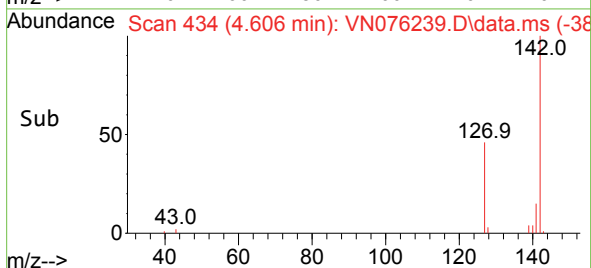
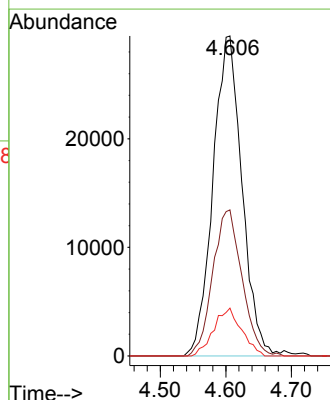
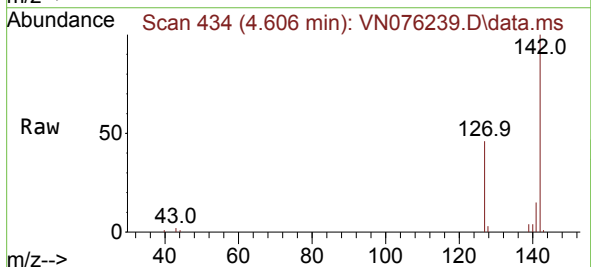
Instrument :  
MSVOA\_N  
ClientSampleId :

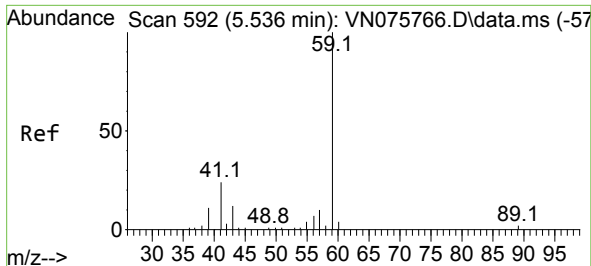
Tgt Ion:101 Resp: 64386  
Ion Ratio Lower Upper  
101 100  
85 44.0 35.3 52.9  
151 80.6 65.6 98.4



#10  
Methyl Iodide  
Concen: 17.324 ug/l  
RT: 4.606 min Scan# 434  
Delta R.T. 0.006 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

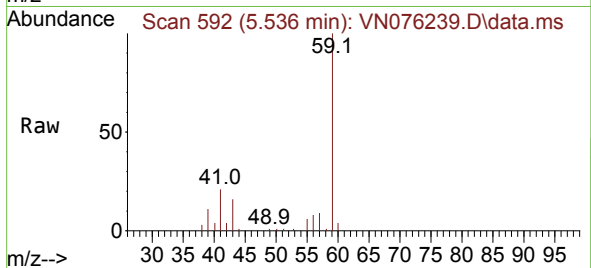
Tgt Ion:142 Resp: 90306  
Ion Ratio Lower Upper  
142 100  
127 46.0 34.7 52.1  
141 14.4 11.4 17.2



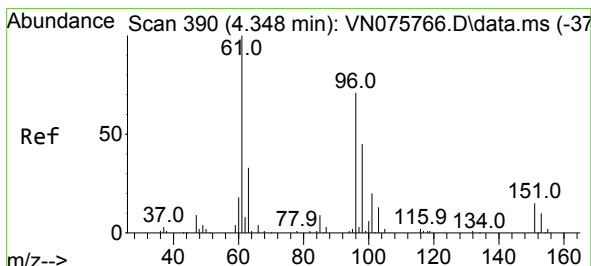
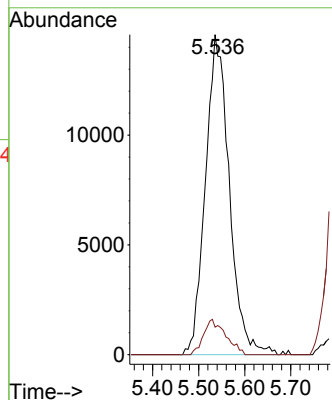
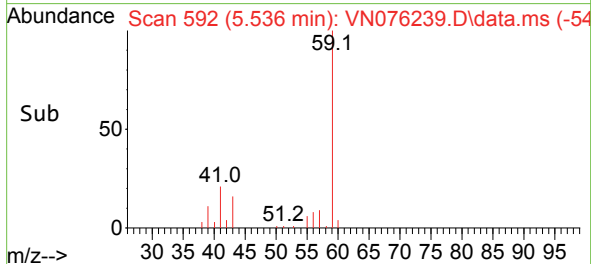


#11  
Tert butyl alcohol  
Concen: 96.715 ug/l  
RT: 5.536 min Scan# 591  
Delta R.T. 0.000 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

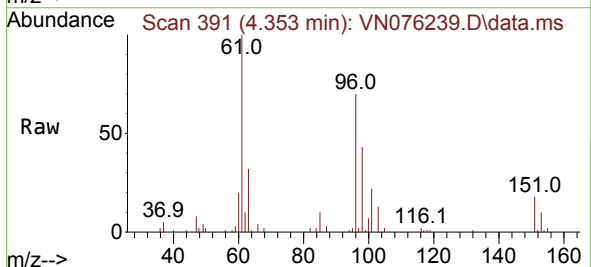
Instrument :  
MSVOA\_N  
ClientSampleId :



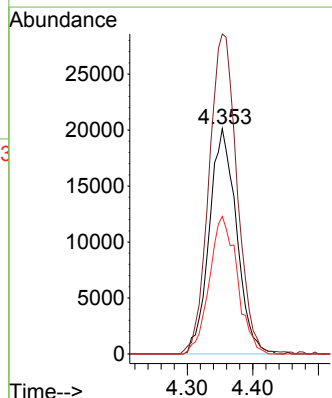
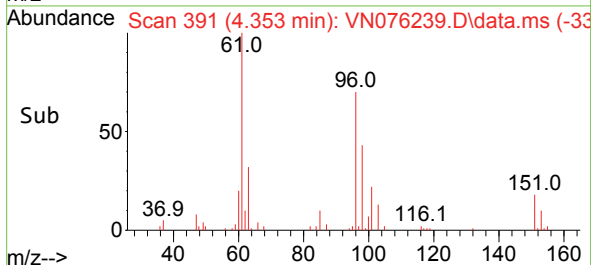
Tgt Ion: 59 Resp: 52405  
Ion Ratio Lower Upper  
59 100  
57 10.2 8.2 12.4

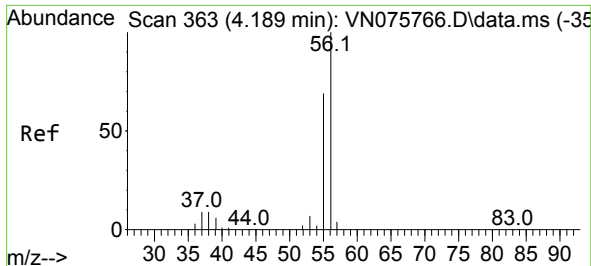


#12  
1,1-Dichloroethene  
Concen: 18.580 ug/l  
RT: 4.353 min Scan# 391  
Delta R.T. 0.006 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16



Tgt Ion: 96 Resp: 57962  
Ion Ratio Lower Upper  
96 100  
61 142.1 113.3 169.9  
98 61.1 50.9 76.3

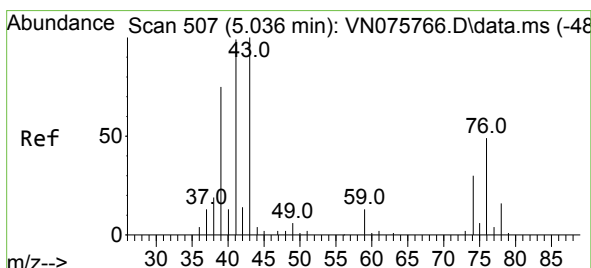
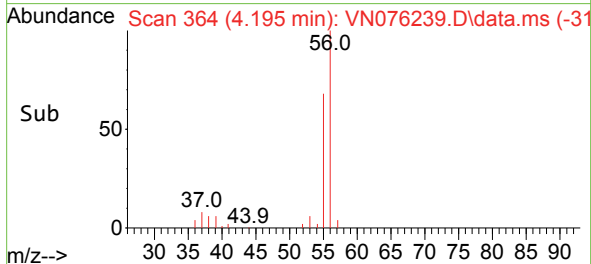
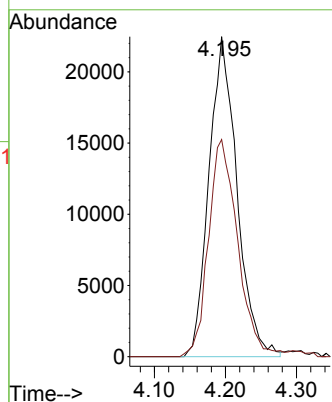
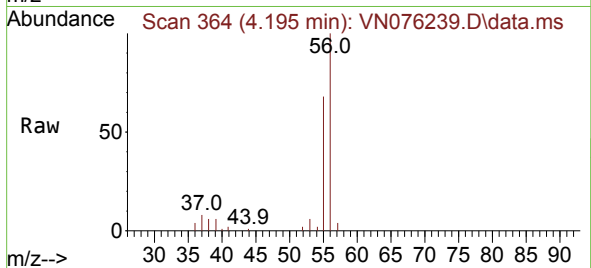




#13  
Acrolein  
Concen: 92.723 ug/l  
RT: 4.195 min Scan# 364  
Delta R.T. 0.006 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

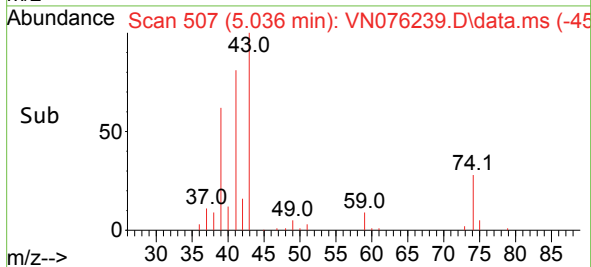
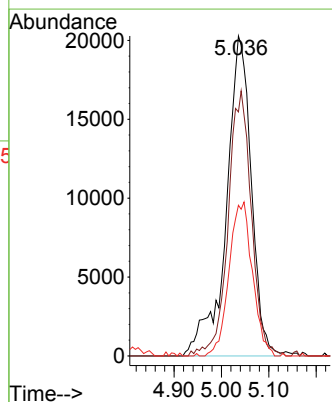
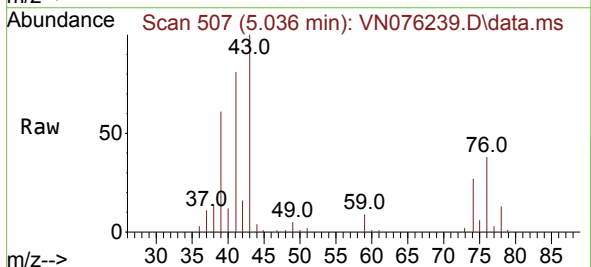
Instrument :  
MSVOA\_N  
ClientSampleId :

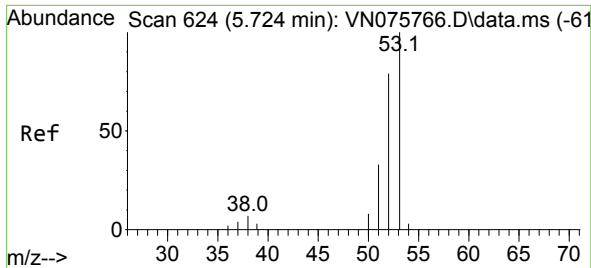
Tgt Ion: 56 Resp: 61595  
Ion Ratio Lower Upper  
56 100  
55 70.6 54.8 82.2



#14  
Allyl chloride  
Concen: 20.465 ug/l  
RT: 5.036 min Scan# 507  
Delta R.T. 0.000 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

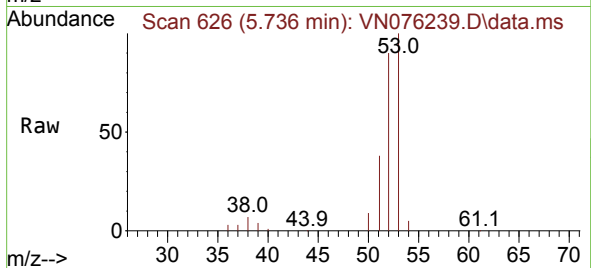
Tgt Ion: 41 Resp: 74634  
Ion Ratio Lower Upper  
41 100  
39 76.8 58.3 87.5  
76 44.8 35.8 53.6



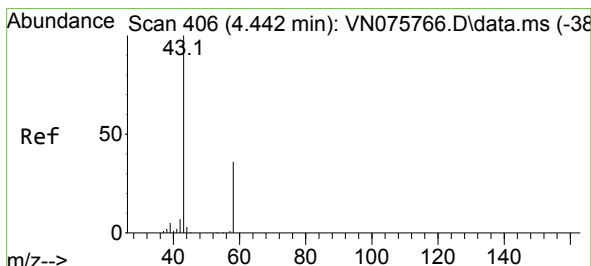
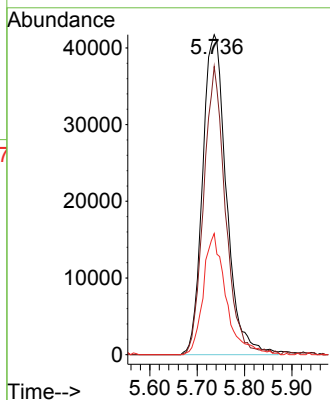
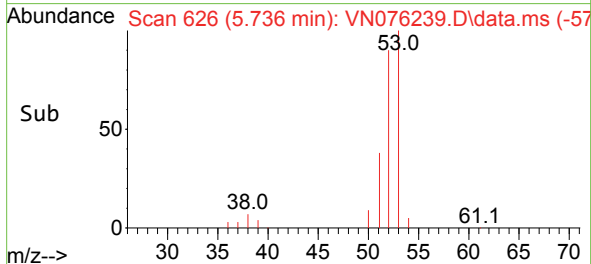


#15  
Acrylonitrile  
Concen: 98.614 ug/l  
RT: 5.736 min Scan# 61  
Delta R.T. 0.012 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

Instrument :  
MSVOA\_N  
ClientSampleId :

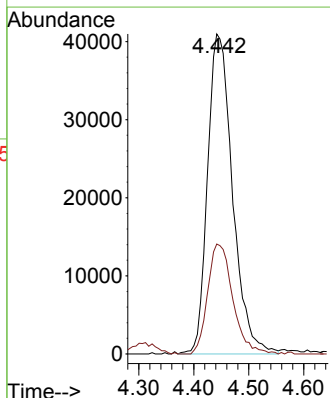
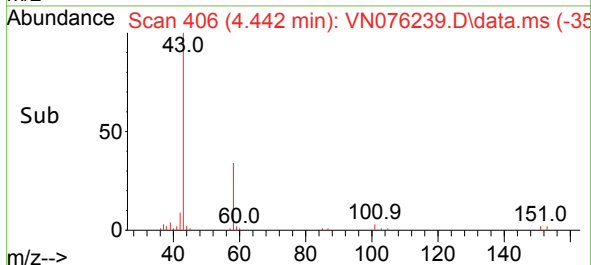
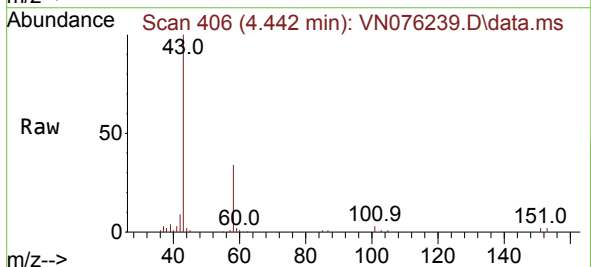


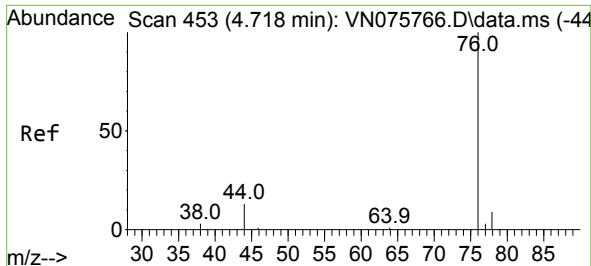
Tgt Ion: 53 Resp: 145817  
Ion Ratio Lower Upper  
53 100  
52 82.5 65.4 98.0  
51 36.2 28.9 43.3



#16  
Acetone  
Concen: 97.930 ug/l  
RT: 4.442 min Scan# 406  
Delta R.T. 0.000 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

Tgt Ion: 43 Resp: 129272  
Ion Ratio Lower Upper  
43 100  
58 34.3 28.6 43.0

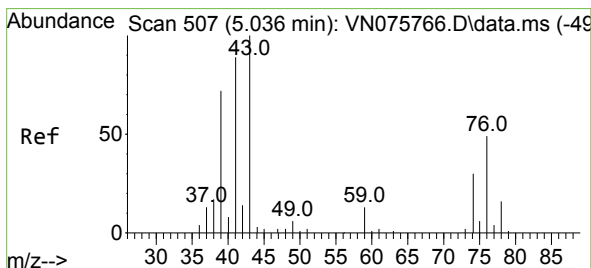
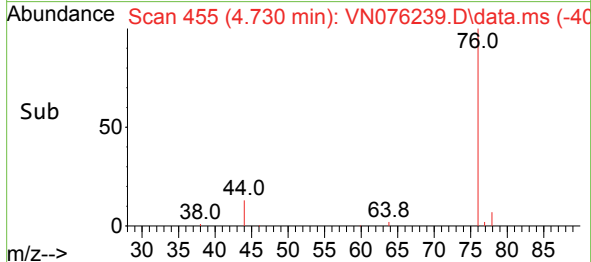
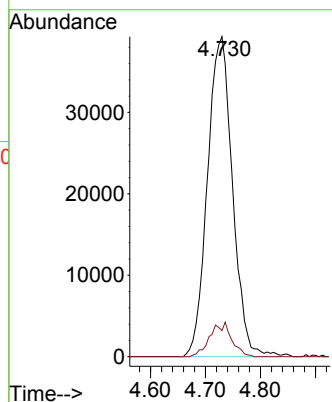
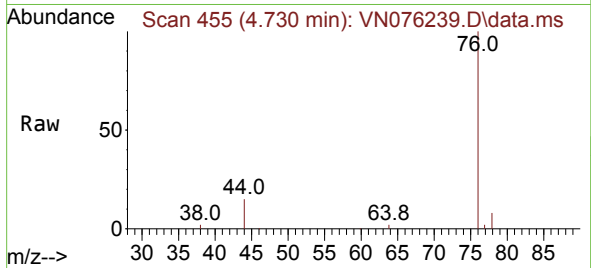




#17  
Carbon Disulfide  
Concen: 16.474 ug/l  
RT: 4.730 min Scan# 453  
Delta R.T. 0.012 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

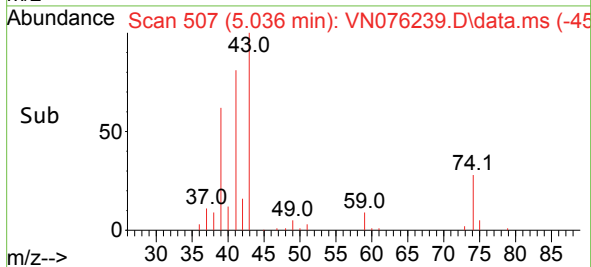
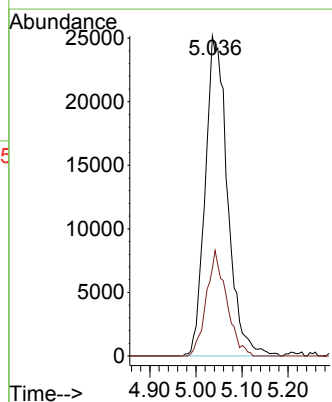
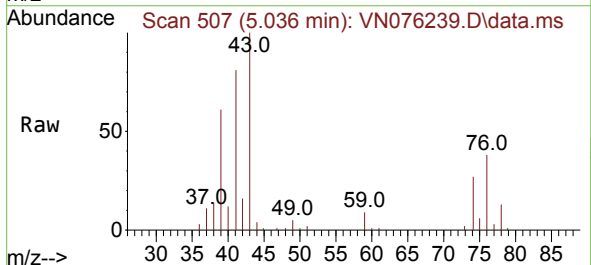
Instrument :  
MSVOA\_N  
ClientSampleId :

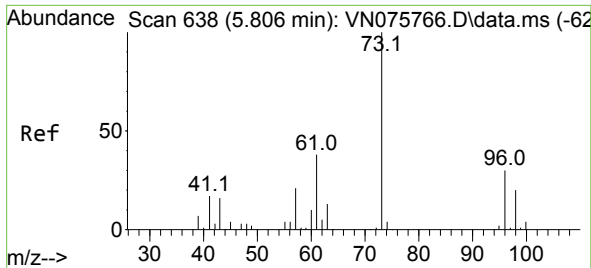
Tgt Ion: 76 Resp: 124431  
Ion Ratio Lower Upper  
76 100  
78 8.1 6.8 10.2



#18  
Methyl Acetate  
Concen: 21.753 ug/l  
RT: 5.036 min Scan# 507  
Delta R.T. 0.000 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

Tgt Ion: 43 Resp: 84879  
Ion Ratio Lower Upper  
43 100  
74 29.9 23.6 35.4

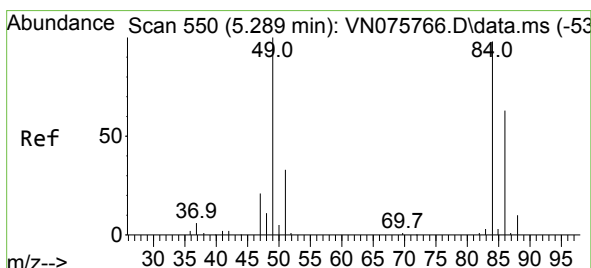
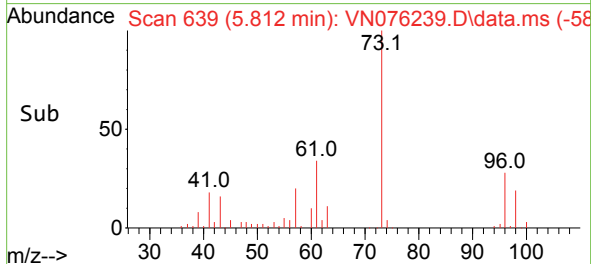
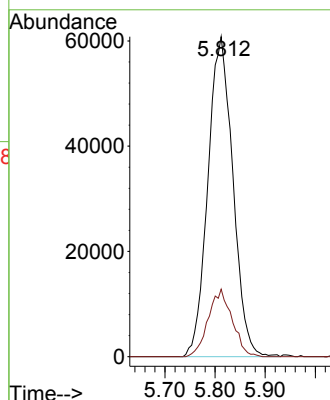
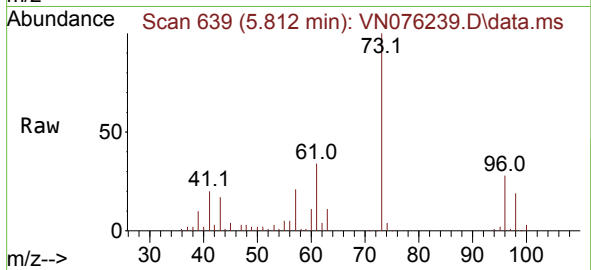




#19  
Methyl tert-butyl Ether  
Concen: 20.507 ug/l  
RT: 5.812 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

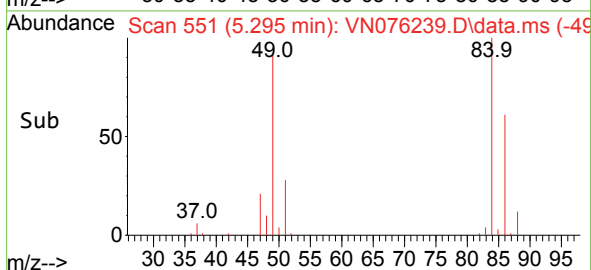
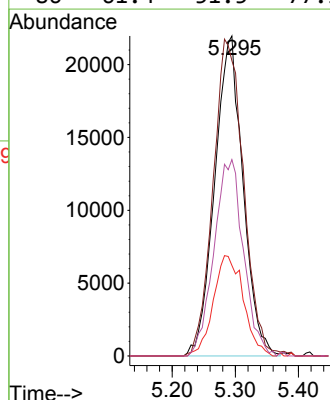
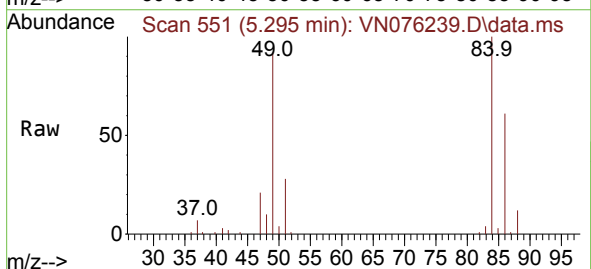
Instrument :  
MSVOA\_N  
ClientSampleId :

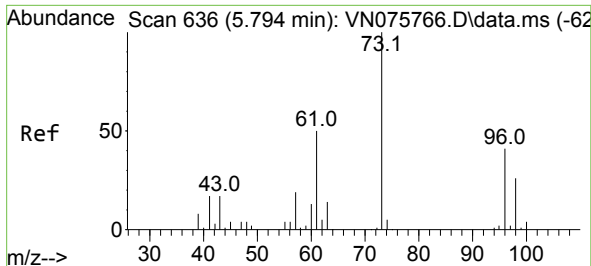
Tgt Ion: 73 Resp: 210672  
Ion Ratio Lower Upper  
73 100  
57 21.1 17.1 25.7



#20  
Methylene Chloride  
Concen: 18.955 ug/l  
RT: 5.295 min Scan# 551  
Delta R.T. 0.006 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

Tgt Ion: 84 Resp: 68339  
Ion Ratio Lower Upper  
84 100  
49 92.3 81.8 122.6  
51 28.3 26.7 40.1  
86 61.4 51.5 77.3

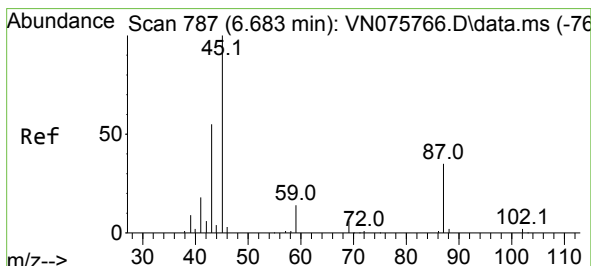
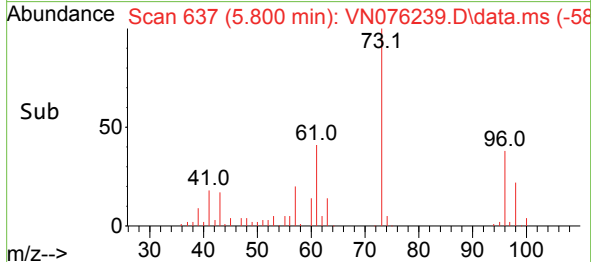
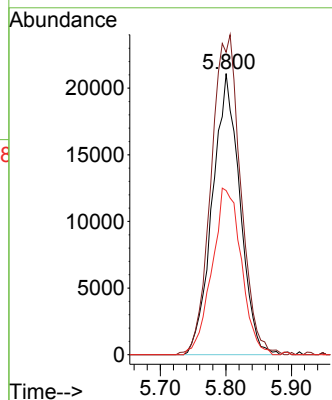
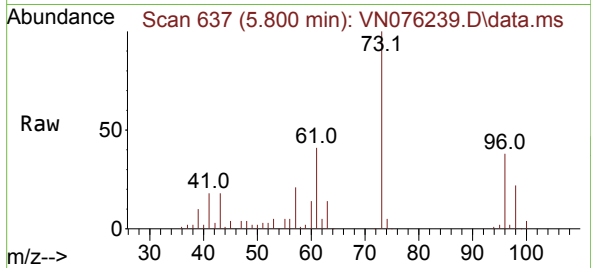




#21  
trans-1,2-Dichloroethene  
Concen: 17.882 ug/l  
RT: 5.800 min Scan# 610  
Delta R.T. 0.006 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

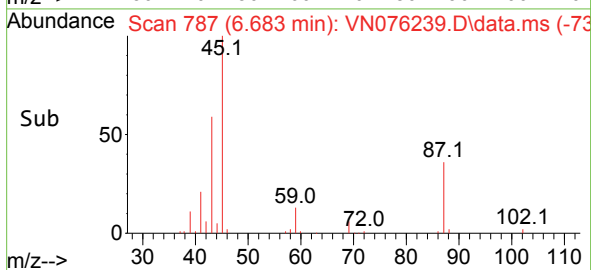
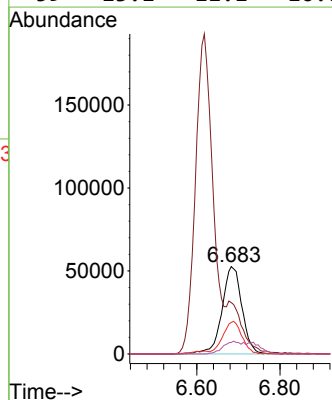
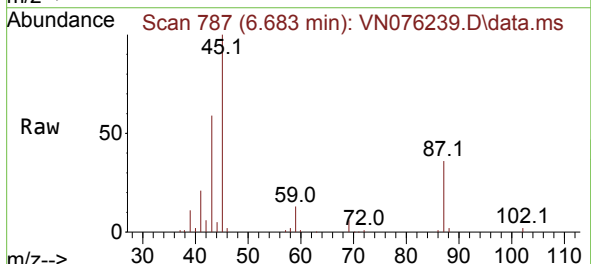
Instrument :  
MSVOA\_N  
ClientSampleId :

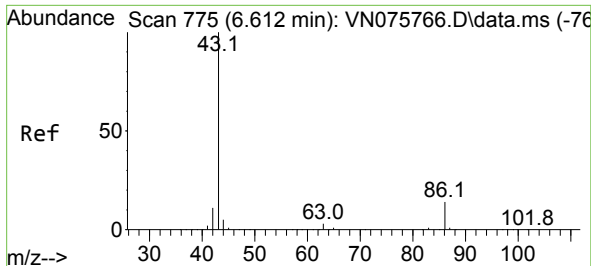
Tgt Ion: 96 Resp: 61093  
Ion Ratio Lower Upper  
96 100  
61 106.8 98.1 147.1  
98 58.4 51.4 77.2



#22  
Diisopropyl ether  
Concen: 19.780 ug/l  
RT: 6.683 min Scan# 787  
Delta R.T. 0.000 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

Tgt Ion: 45 Resp: 175234  
Ion Ratio Lower Upper  
45 100  
43 57.9 44.2 66.4  
87 36.1 28.3 42.5  
59 13.1 11.1 16.7

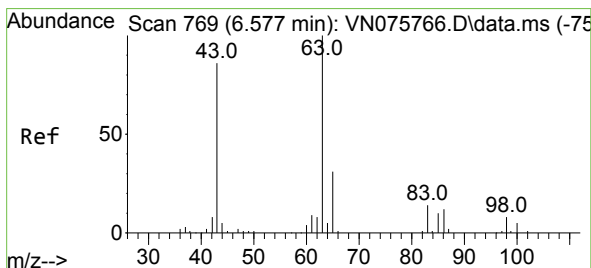
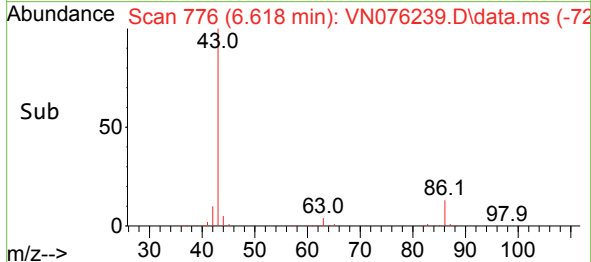
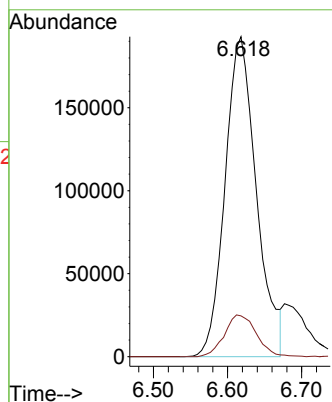
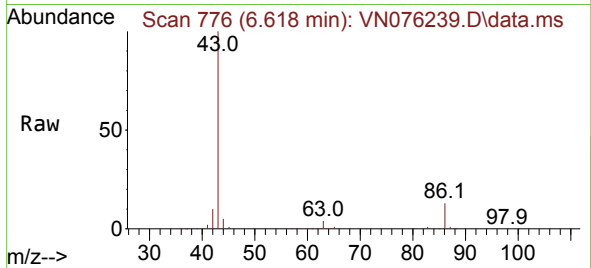




#23  
 Vinyl Acetate  
 Concen: 95.129 ug/l  
 RT: 6.618 min Scan# 775  
 Delta R.T. 0.006 min  
 Lab File: VN076239.D  
 Acq: 13 Jan 2023 11:16

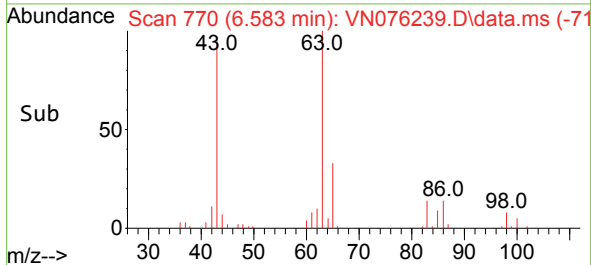
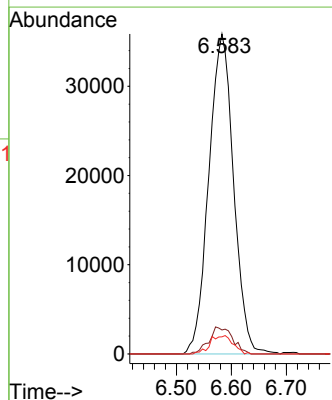
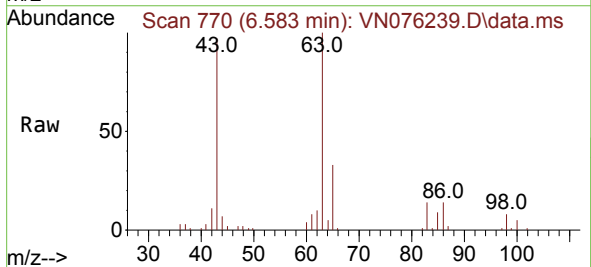
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion: 43 Resp: 567241  
 Ion Ratio Lower Upper  
 43 100  
 86 12.8 11.4 17.2

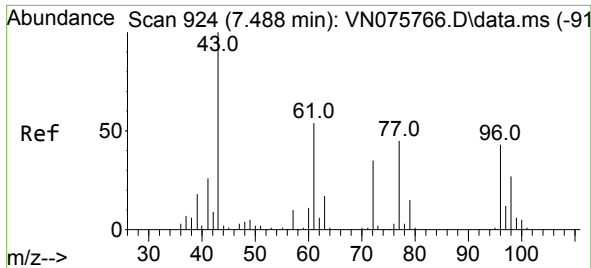


#24  
 1,1-Dichloroethane  
 Concen: 19.010 ug/l  
 RT: 6.583 min Scan# 770  
 Delta R.T. 0.006 min  
 Lab File: VN076239.D  
 Acq: 13 Jan 2023 11:16

Tgt Ion: 63 Resp: 112316  
 Ion Ratio Lower Upper  
 63 100  
 98 7.5 3.9 11.5  
 100 5.4 2.5 7.6



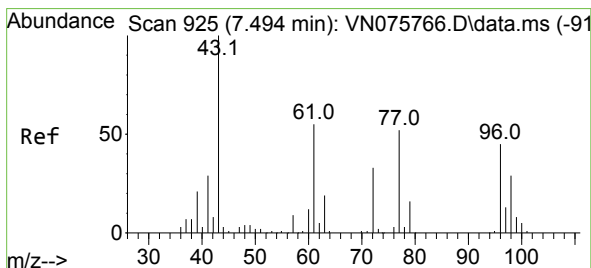
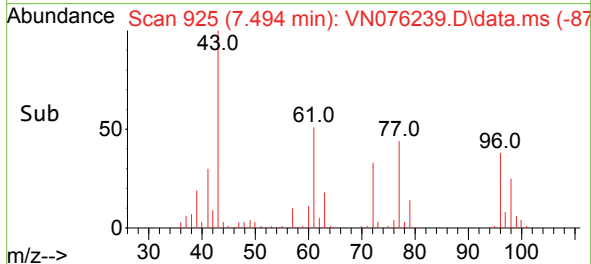
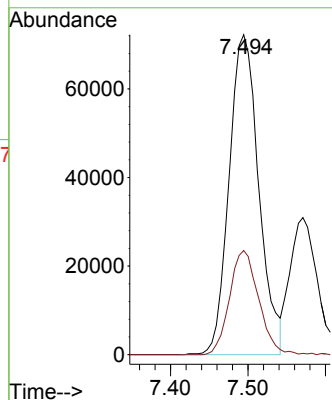
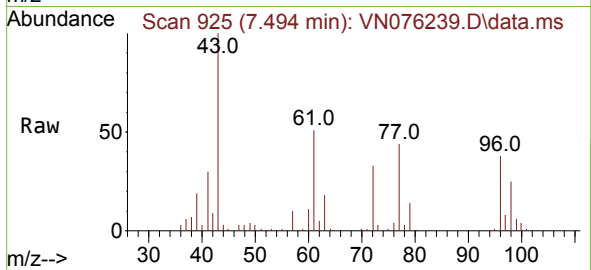




#25  
2-Butanone  
Concen: 104.262 ug/l  
RT: 7.494 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

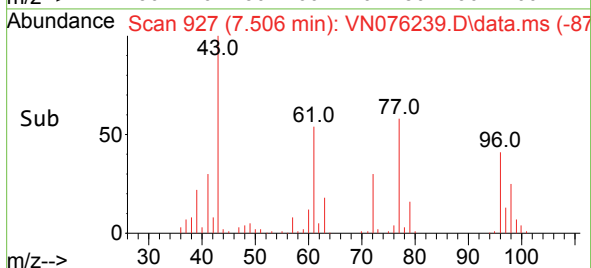
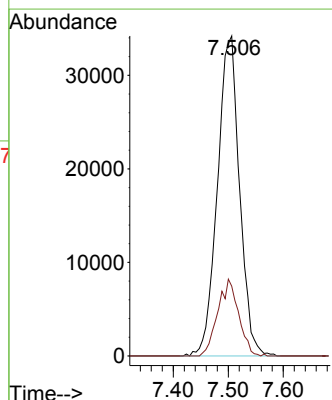
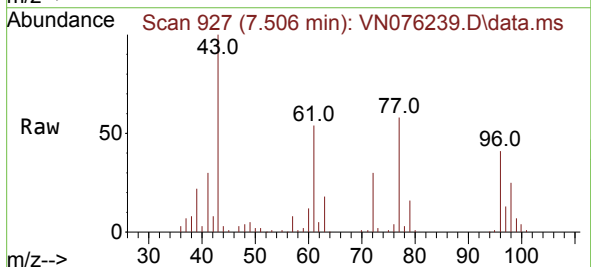
Instrument :  
MSVOA\_N  
ClientSampleId :

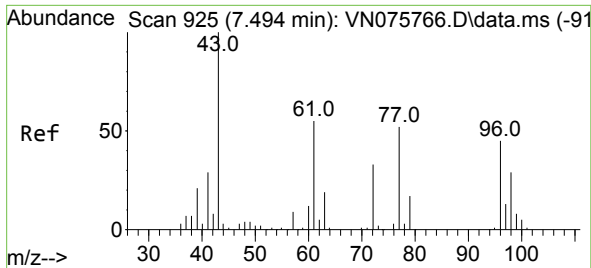
Tgt Ion: 43 Resp: 192709  
Ion Ratio Lower Upper  
43 100  
72 32.6 28.0 42.0



#26  
2,2-Dichloropropane  
Concen: 19.104 ug/l  
RT: 7.506 min Scan# 927  
Delta R.T. 0.012 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

Tgt Ion: 77 Resp: 95587  
Ion Ratio Lower Upper  
77 100  
97 22.6 12.7 38.0

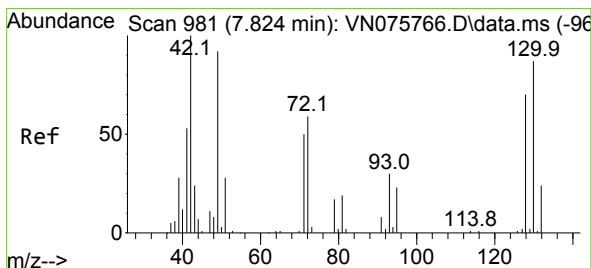
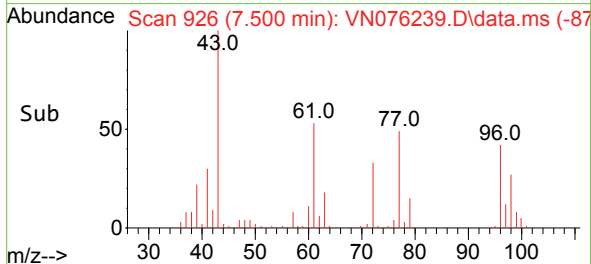
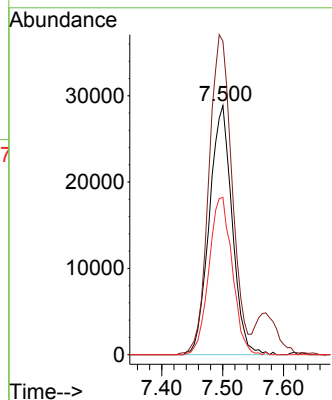
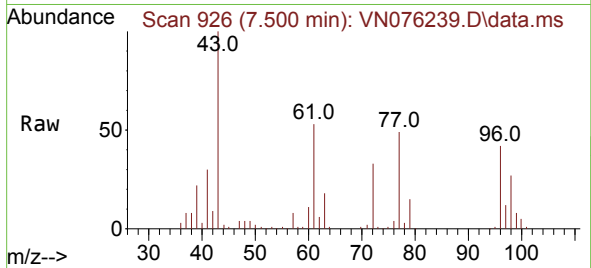




#27  
 cis-1,2-Dichloroethene  
 Concen: 18.420 ug/l  
 RT: 7.500 min Scan# 91  
 Delta R.T. 0.006 min  
 Lab File: VN076239.D  
 Acq: 13 Jan 2023 11:16

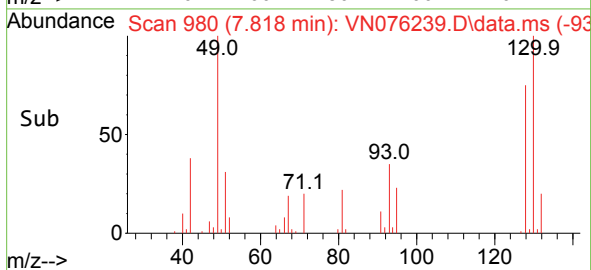
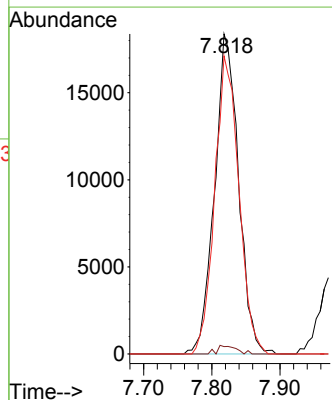
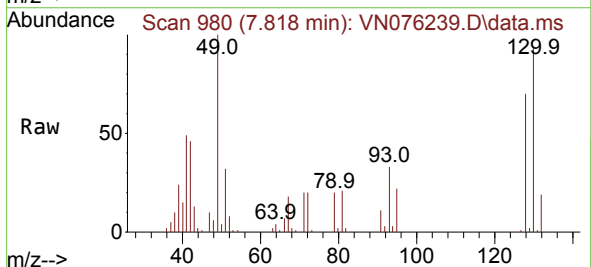
Instrument :  
 MSVOA\_N  
 ClientSampleId :

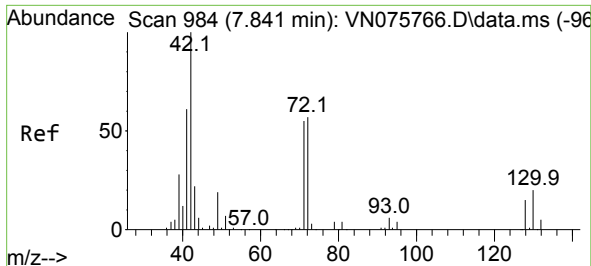
Tgt Ion: 96 Resp: 75266  
 Ion Ratio Lower Upper  
 96 100  
 61 130.7 0.0 247.8  
 98 64.3 0.0 128.4



#28  
 Bromochloromethane  
 Concen: 17.399 ug/l  
 RT: 7.818 min Scan# 980  
 Delta R.T. -0.006 min  
 Lab File: VN076239.D  
 Acq: 13 Jan 2023 11:16

Tgt Ion: 49 Resp: 45057  
 Ion Ratio Lower Upper  
 49 100  
 129 2.1 0.0 5.0  
 130 93.6 77.0 115.4





#29

Tetrahydrofuran

Concen: 105.583 ug/l

RT: 7.847 min Scan# 984

Delta R.T. 0.006 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA\_N

ClientSampleId :

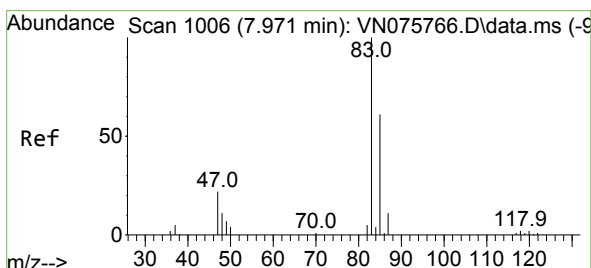
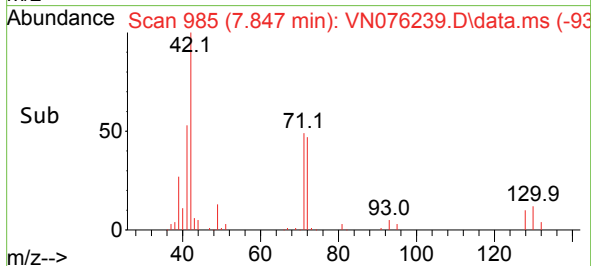
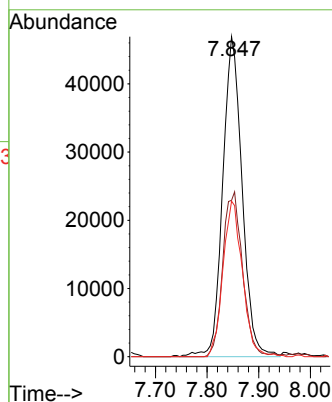
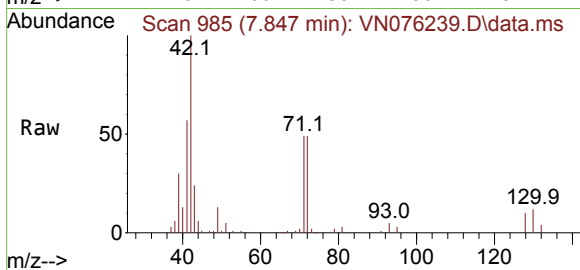
Tgt Ion: 42 Resp: 122295

Ion Ratio Lower Upper

42 100

72 52.2 44.5 66.7

71 48.9 41.0 61.6



#30

Chloroform

Concen: 18.703 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VN076239.D

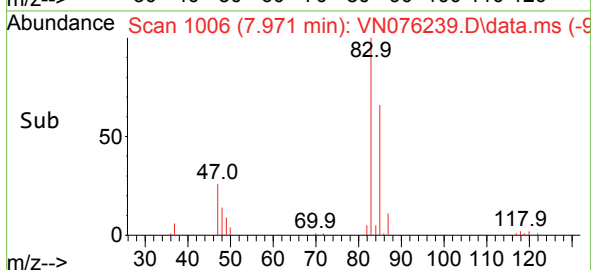
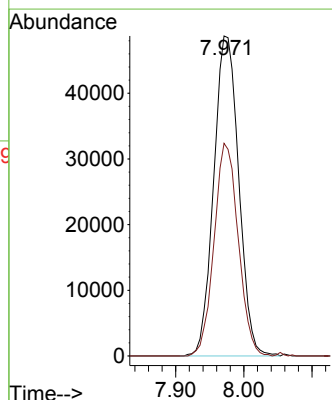
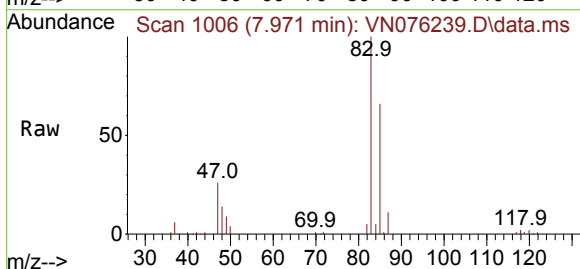
Acq: 13 Jan 2023 11:16

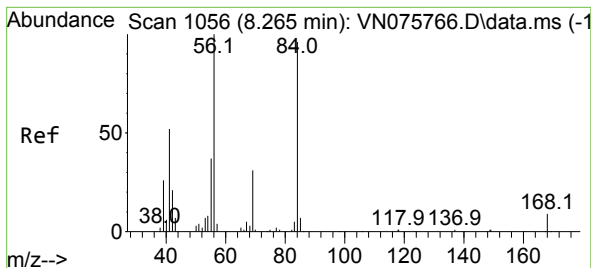
Tgt Ion: 83 Resp: 124416

Ion Ratio Lower Upper

83 100

85 66.5 49.1 73.7





#31

Cyclohexane

Concen: 17.629 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. 0.000 min

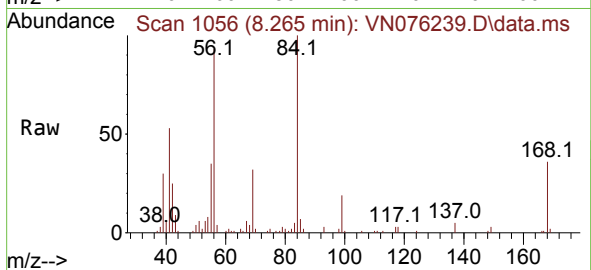
Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA\_N

ClientSampleId :



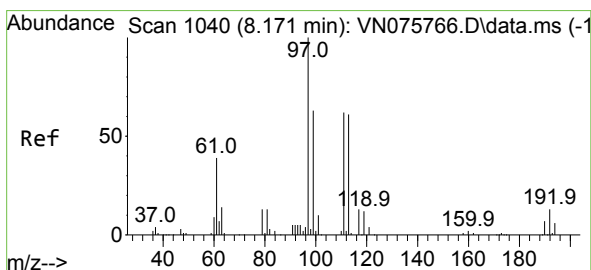
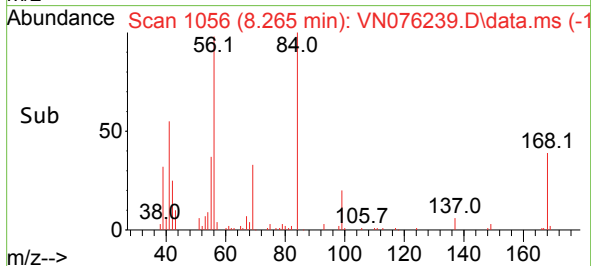
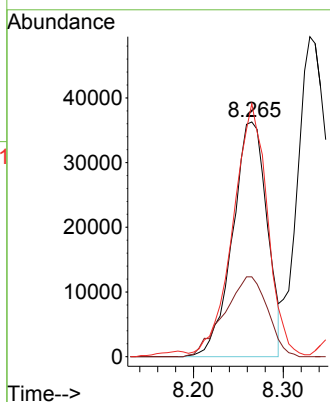
Tgt Ion: 56 Resp: 96682

Ion Ratio Lower Upper

56 100

69 34.0 24.7 37.1

84 105.4 76.5 114.7



#32

1,1,1-Trichloroethane

Concen: 19.186 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

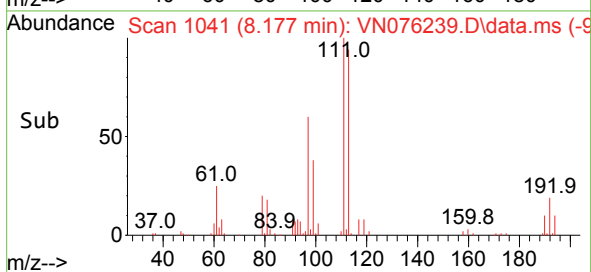
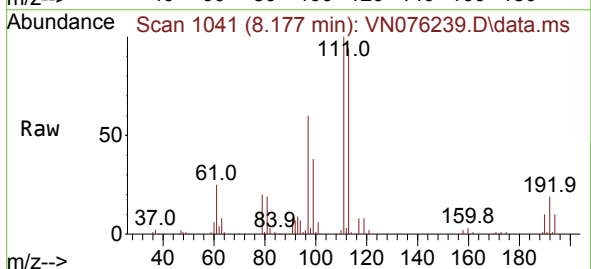
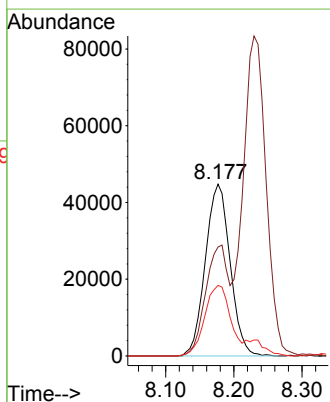
Tgt Ion: 97 Resp: 113153

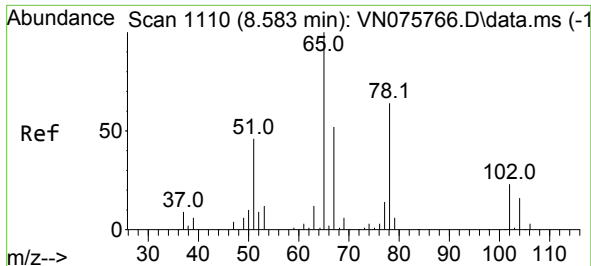
Ion Ratio Lower Upper

97 100

99 58.6 50.2 75.2

61 42.5 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 48.907 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA\_N

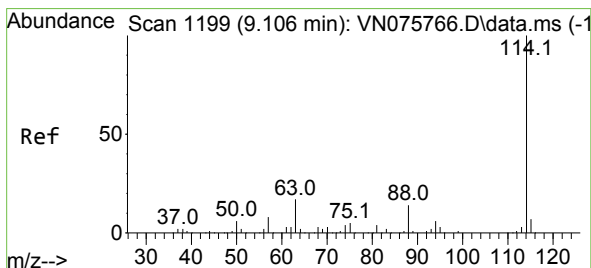
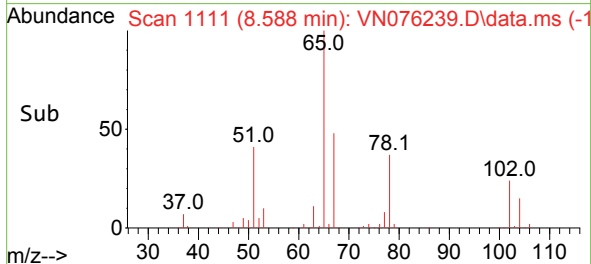
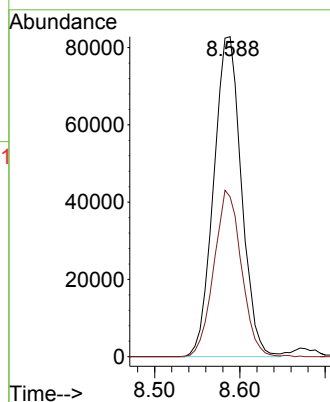
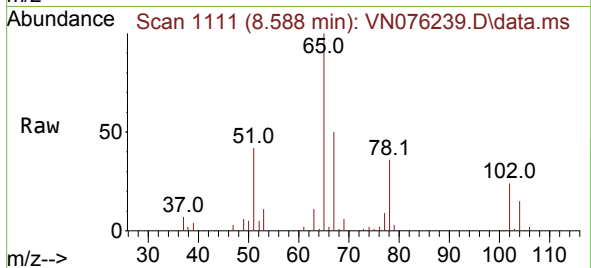
ClientSampleId :

Tgt Ion: 65 Resp: 187282

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

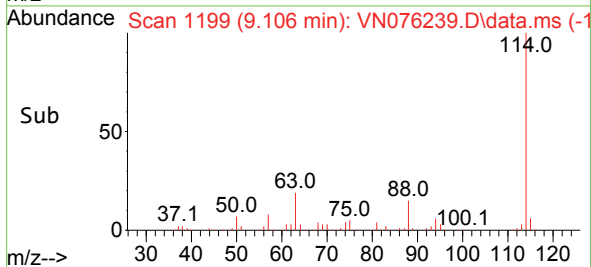
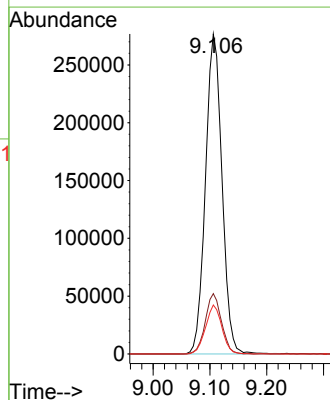
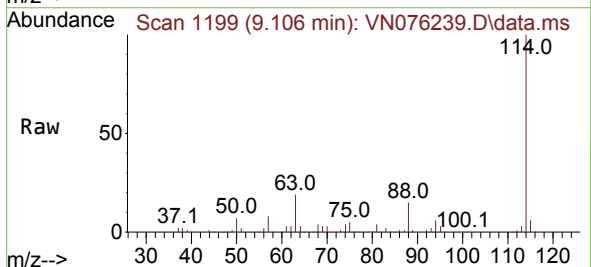
Tgt Ion: 114 Resp: 558553

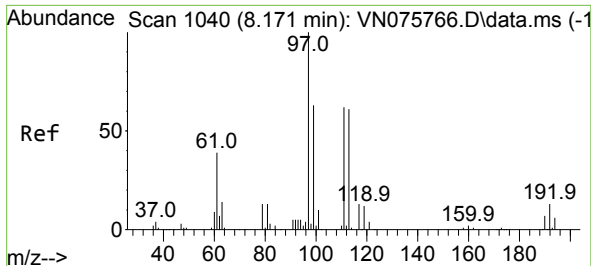
Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.4

88 15.3 0.0 28.8





#35

Dibromofluoromethane

Concen: 49.781 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

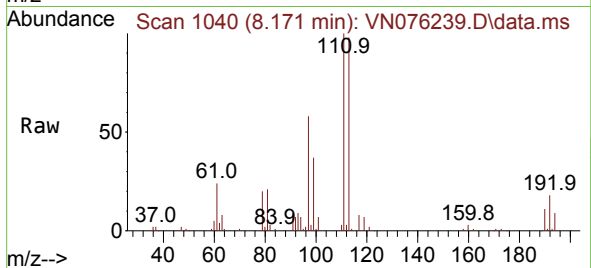
Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA\_N

ClientSampleId :



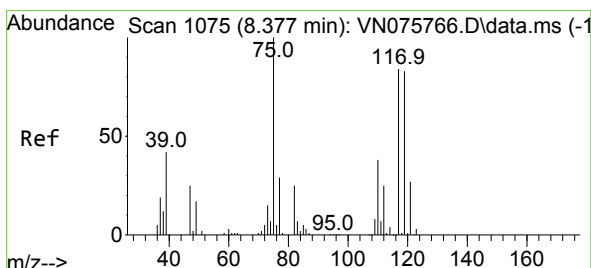
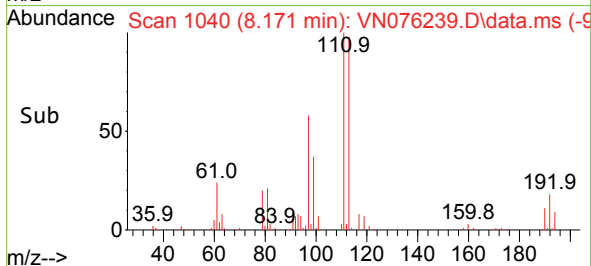
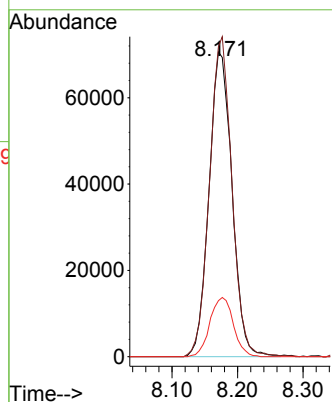
Tgt Ion:113 Resp: 172194

Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.2

192 19.8 16.1 24.1



#36

1,1-Dichloropropene

Concen: 19.017 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

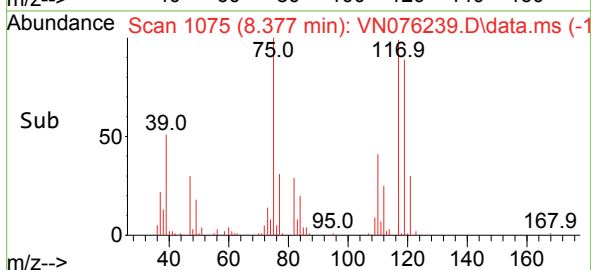
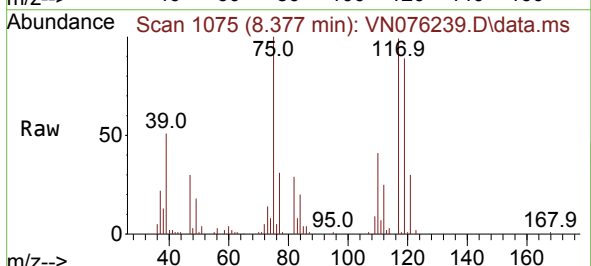
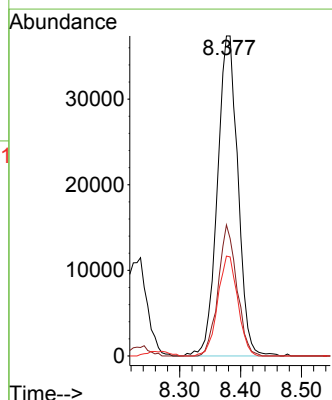
Tgt Ion: 75 Resp: 87381

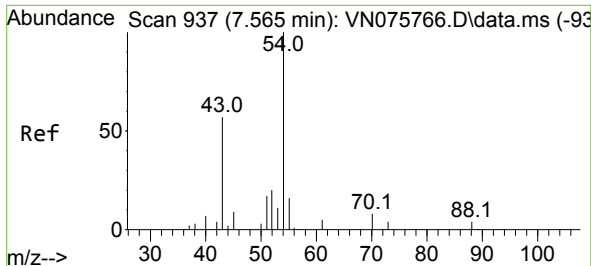
Ion Ratio Lower Upper

75 100

110 37.4 18.8 56.4

77 30.4 24.1 36.1

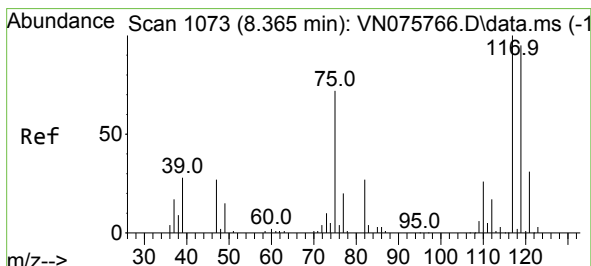
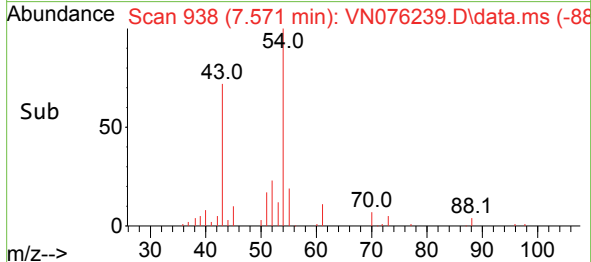
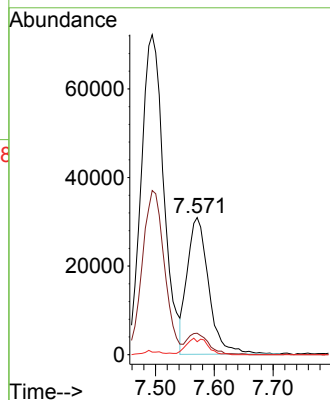
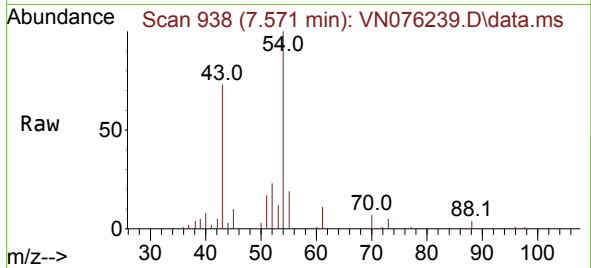




#37  
Ethyl Acetate  
Concen: 21.176 ug/l  
RT: 7.571 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

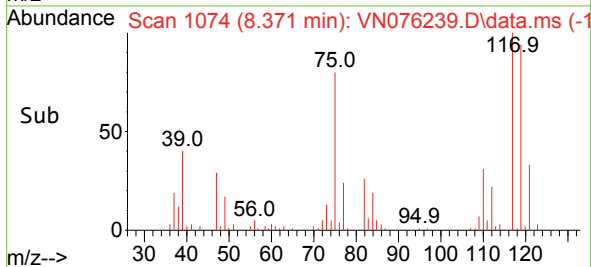
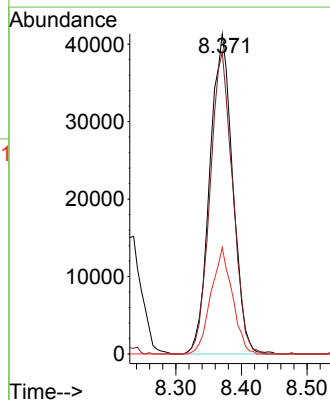
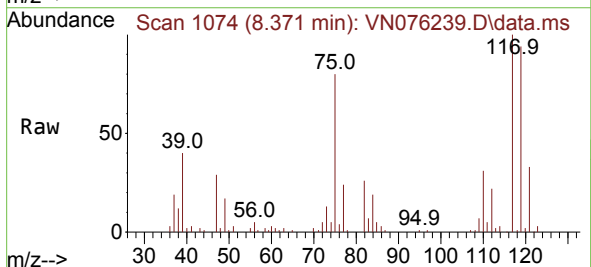
Instrument :  
MSVOA\_N  
ClientSampleId :

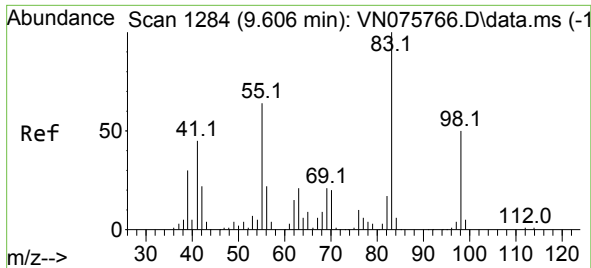
Tgt Ion: 43 Resp: 78159  
Ion Ratio Lower Upper  
43 100  
61 15.5 13.0 19.4  
70 11.9 9.4 14.0



#38  
Carbon Tetrachloride  
Concen: 19.468 ug/l  
RT: 8.371 min Scan# 1074  
Delta R.T. 0.006 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

Tgt Ion: 117 Resp: 100122  
Ion Ratio Lower Upper  
117 100  
119 94.3 76.1 114.1  
121 33.2 24.5 36.7

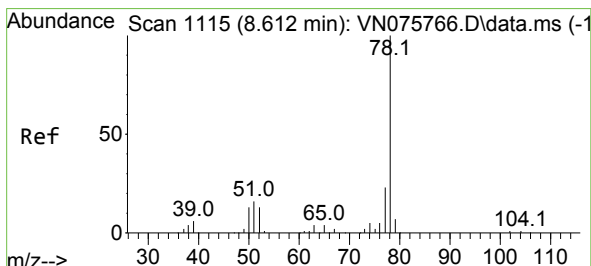
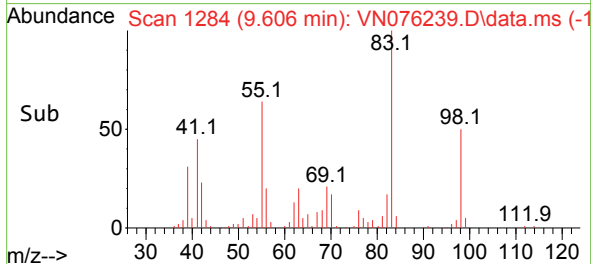
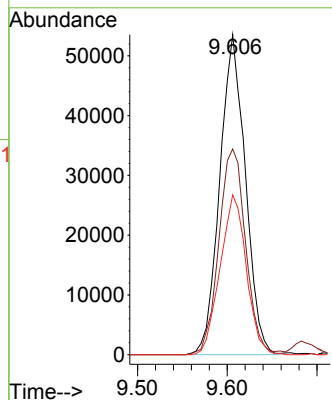
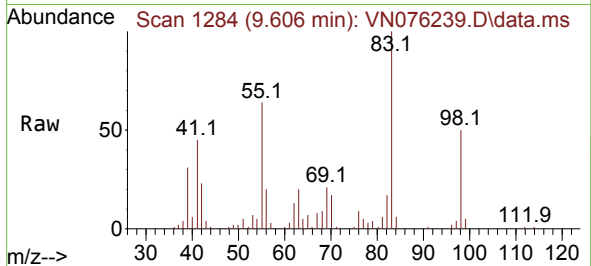




#39  
Methylcyclohexane  
Concen: 19.122 ug/l  
RT: 9.606 min Scan# 1115  
Delta R.T. 0.000 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

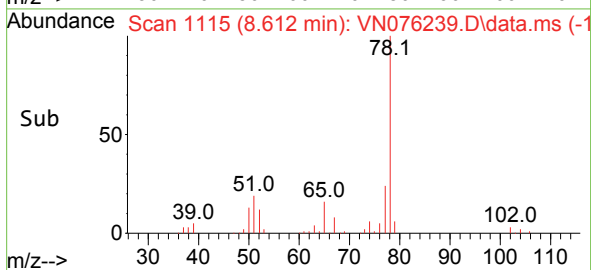
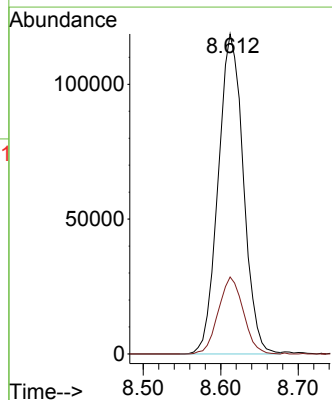
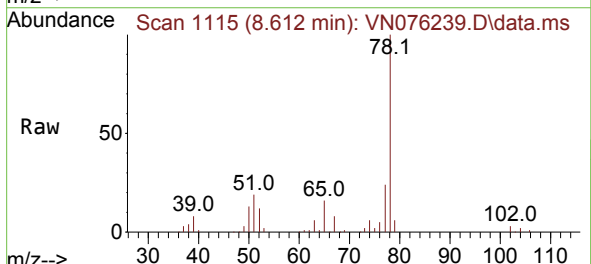
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 83 Resp: 106004  
Ion Ratio Lower Upper  
83 100  
55 64.3 51.4 77.0  
98 50.0 39.8 59.8

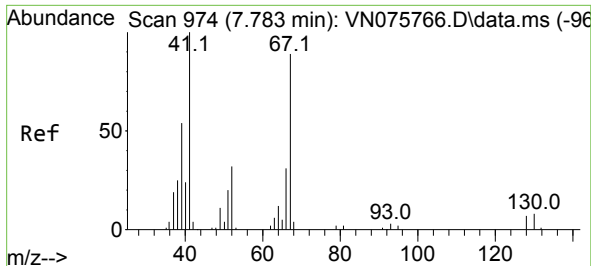


#40  
Benzene  
Concen: 18.868 ug/l  
RT: 8.612 min Scan# 1115  
Delta R.T. 0.000 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

Tgt Ion: 78 Resp: 267496  
Ion Ratio Lower Upper  
78 100  
77 24.1 18.5 27.7



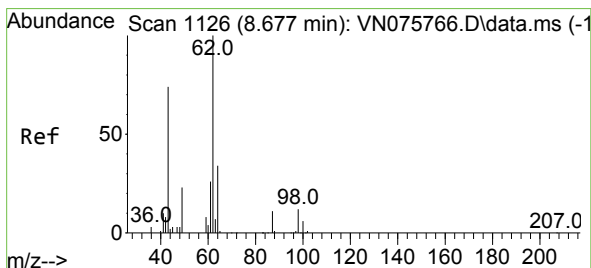
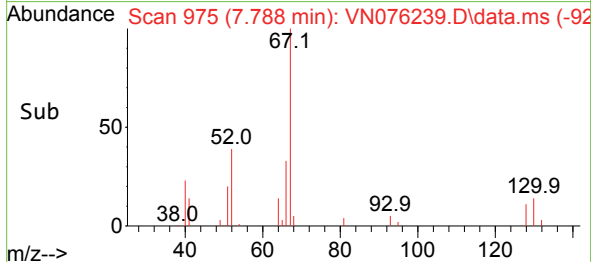
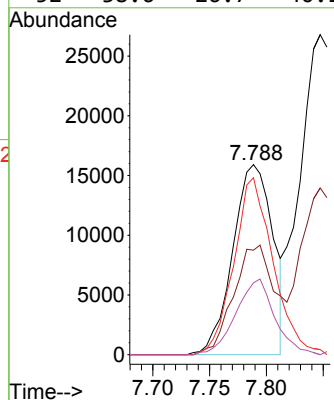
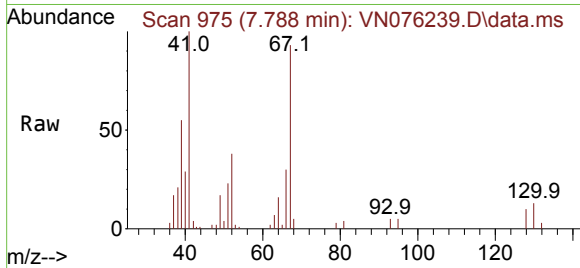




#41  
Methacrylonitrile  
Concen: 20.324 ug/l  
RT: 7.788 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

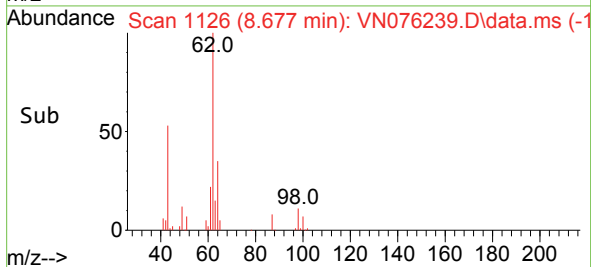
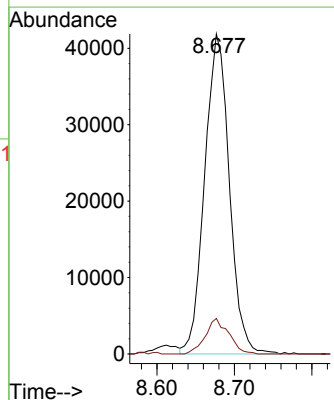
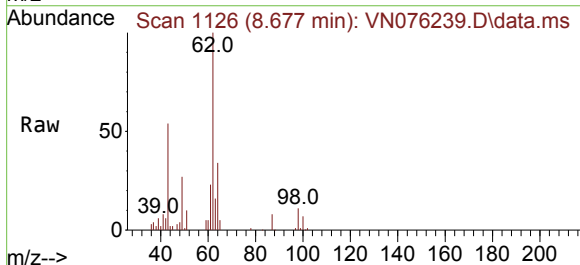
Instrument :  
MSVOA\_N  
ClientSampleId :

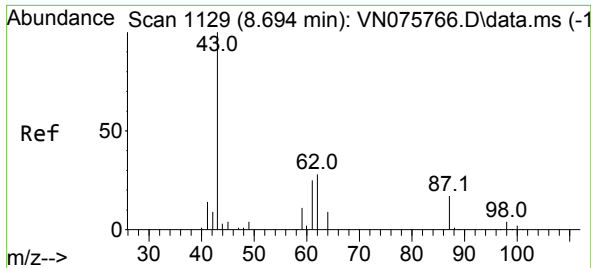
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 38992 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 60.8  | 43.1  | 64.7  |
| 67       | 91.3  | 70.7  | 106.1 |
| 52       | 38.6  | 26.7  | 40.1  |



#42  
1,2-Dichloroethane  
Concen: 19.652 ug/l  
RT: 8.677 min Scan# 1126  
Delta R.T. 0.000 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 92623 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.5  | 0.0   | 20.8  |

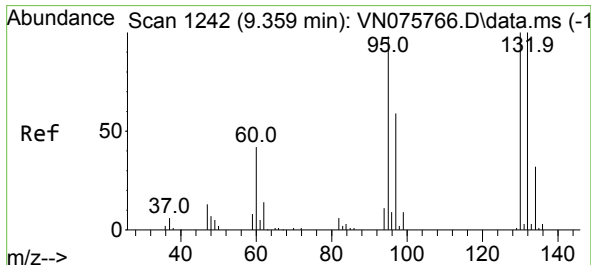
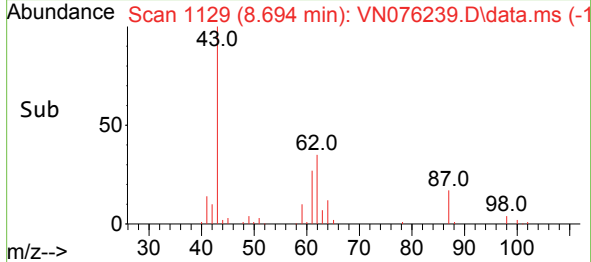
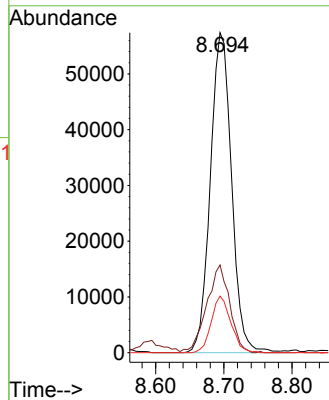
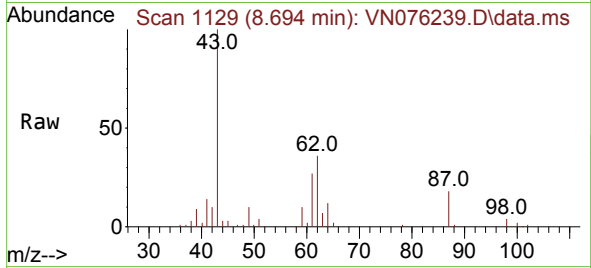




#43  
Isopropyl Acetate  
Concen: 20.437 ug/l  
RT: 8.694 min Scan# 1129  
Delta R.T. 0.000 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

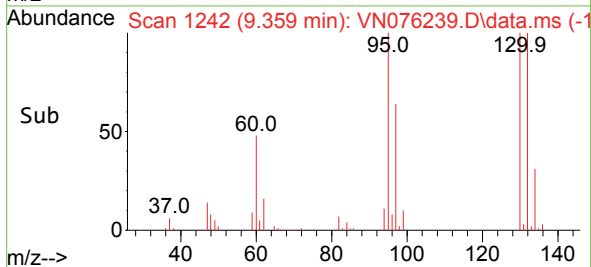
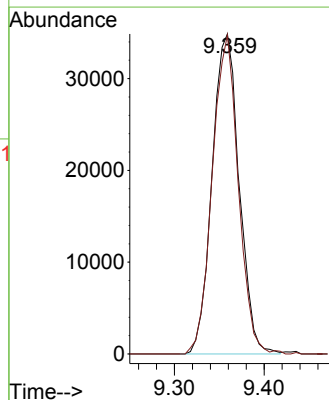
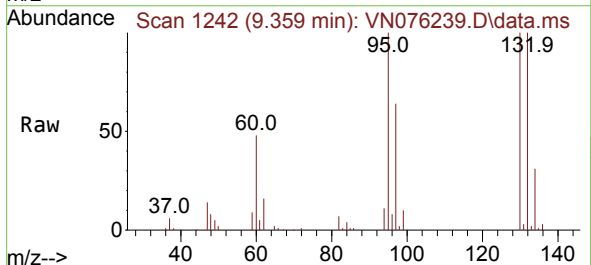
Instrument :  
MSVOA\_N  
ClientSampleId :

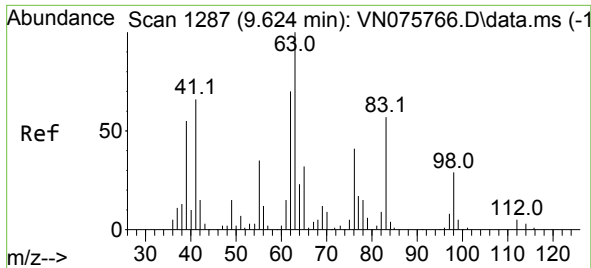
Tgt Ion: 43 Resp: 124427  
Ion Ratio Lower Upper  
43 100  
61 29.6 24.2 36.4  
87 16.3 13.3 19.9



#44  
Trichloroethene  
Concen: 18.285 ug/l  
RT: 9.359 min Scan# 1242  
Delta R.T. 0.000 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

Tgt Ion:130 Resp: 73029  
Ion Ratio Lower Upper  
130 100  
95 99.7 0.0 195.4

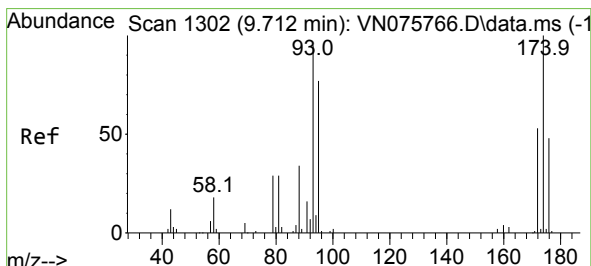
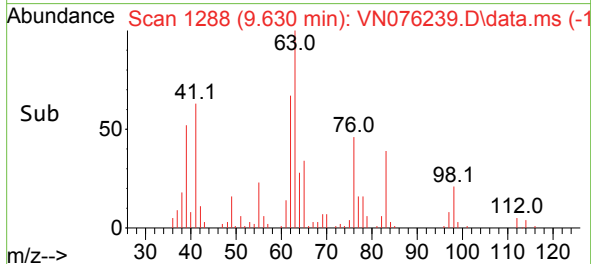
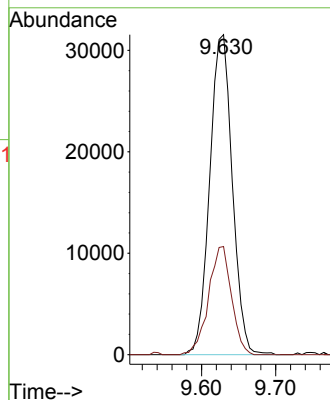
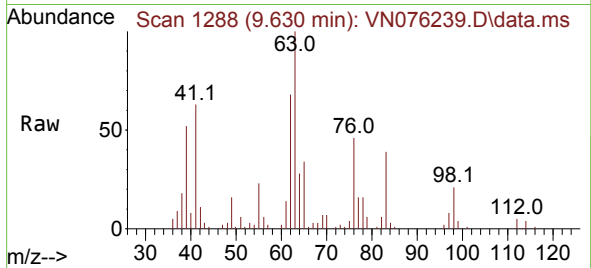




#45  
1,2-Dichloropropane  
Concen: 19.366 ug/l  
RT: 9.630 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

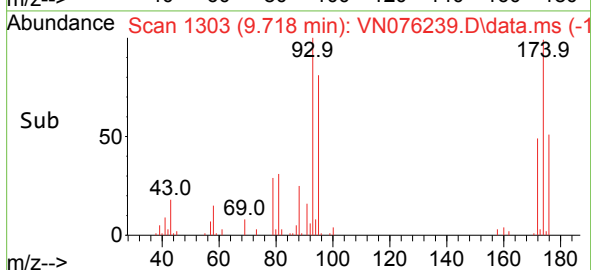
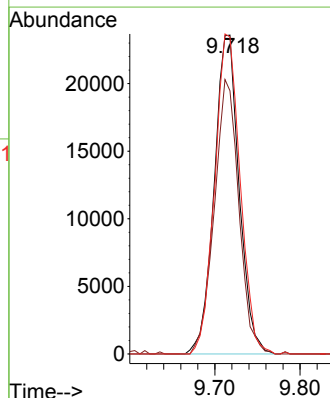
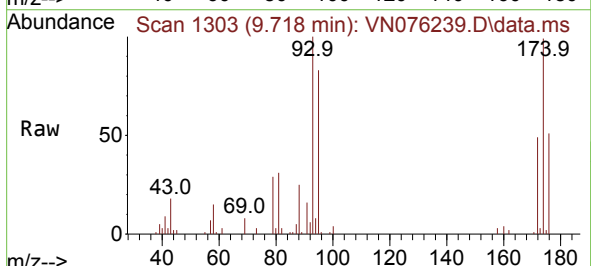
Instrument :  
MSVOA\_N  
ClientSampleId :

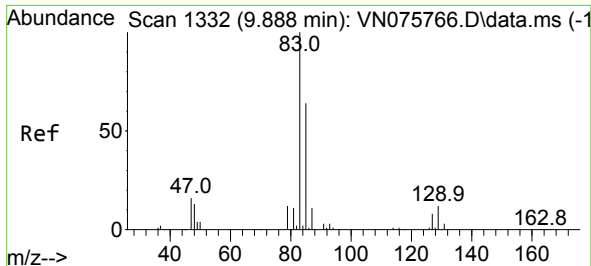
Tgt Ion: 63 Resp: 66810  
Ion Ratio Lower Upper  
63 100  
65 33.8 25.7 38.5



#46  
Dibromomethane  
Concen: 18.737 ug/l  
RT: 9.718 min Scan# 1303  
Delta R.T. 0.006 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

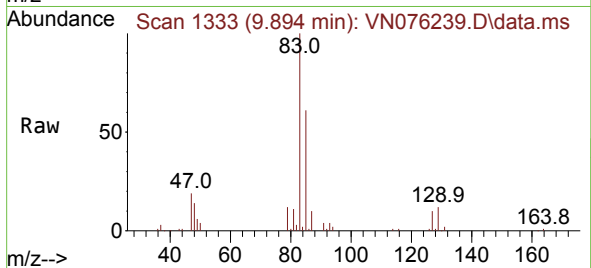
Tgt Ion: 93 Resp: 47945  
Ion Ratio Lower Upper  
93 100  
95 84.8 65.2 97.8  
174 102.4 82.4 123.6



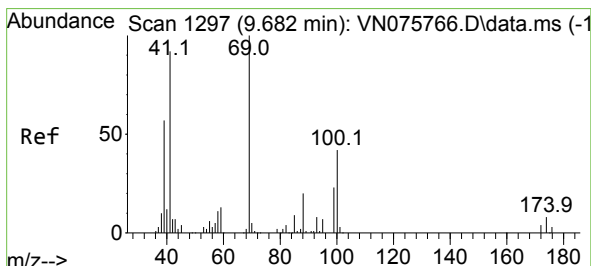
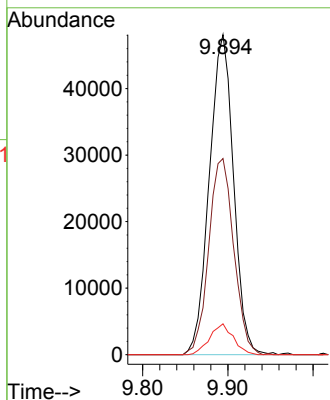
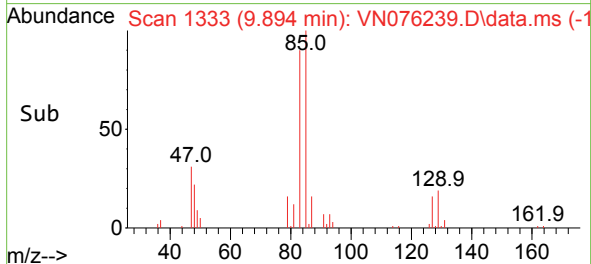


#47  
Bromodichloromethane  
Concen: 18.900 ug/l  
RT: 9.894 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

Instrument :  
MSVOA\_N  
ClientSampleId :

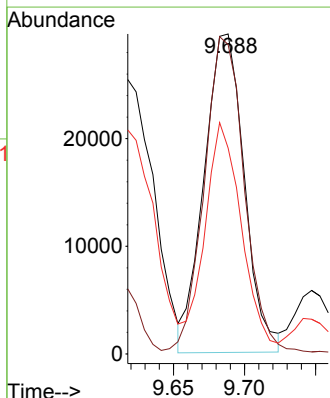
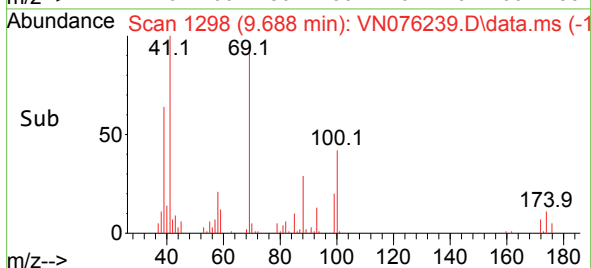
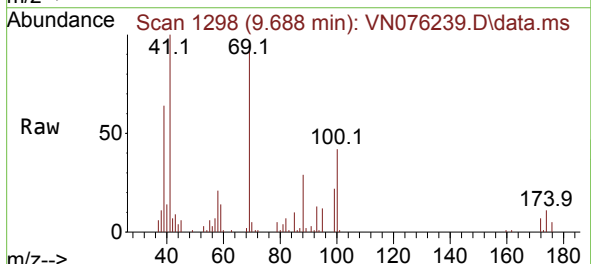


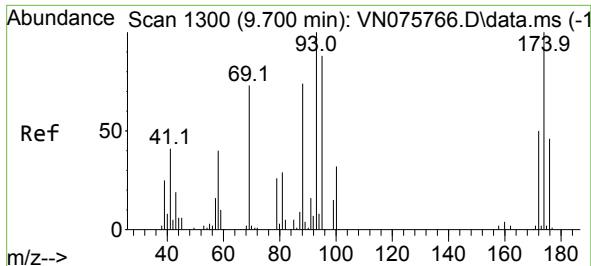
Tgt Ion: 83 Resp: 94838  
Ion Ratio Lower Upper  
83 100  
85 61.3 51.5 77.3  
127 9.7 6.6 10.0



#48  
Methyl methacrylate  
Concen: 21.271 ug/l  
RT: 9.688 min Scan# 1298  
Delta R.T. 0.006 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

Tgt Ion: 41 Resp: 58330  
Ion Ratio Lower Upper  
41 100  
69 100.3 81.9 122.9  
39 67.5 51.6 77.4





#49

1,4-Dioxane

Concen: 384.190 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA\_N

ClientSampleId :

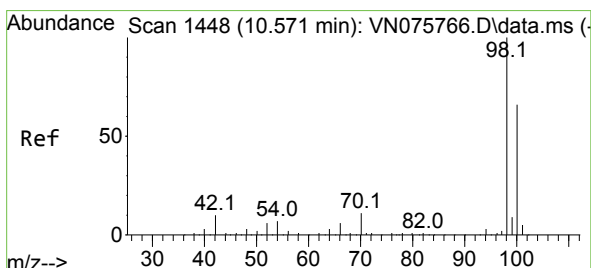
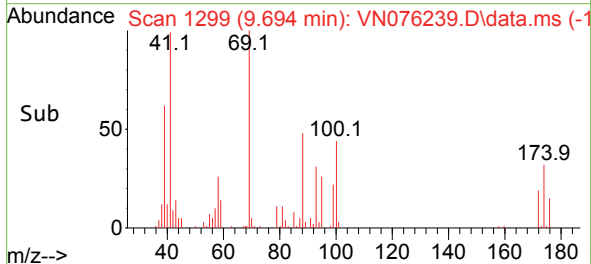
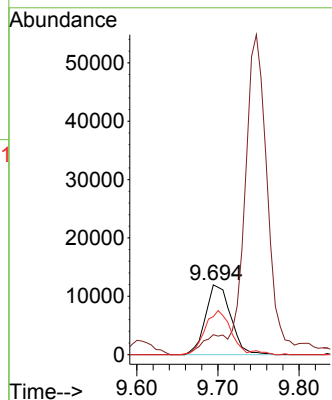
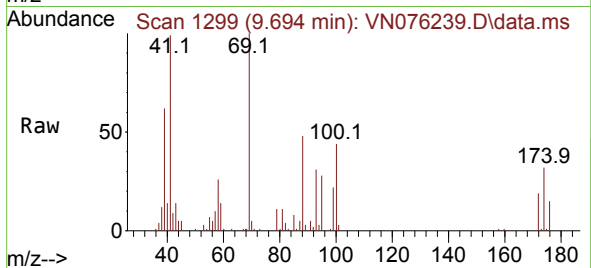
Tgt Ion: 88 Resp: 25900

Ion Ratio Lower Upper

88 100

43 0.0 17.1 25.7#

58 64.4 47.8 71.8



#50

Toluene-d8

Concen: 46.985 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076239.D

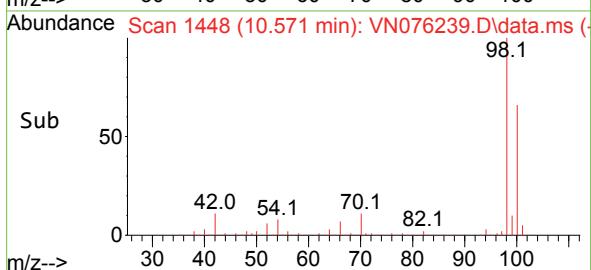
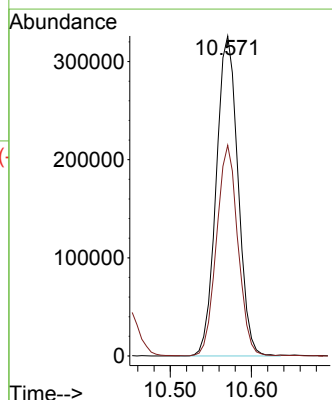
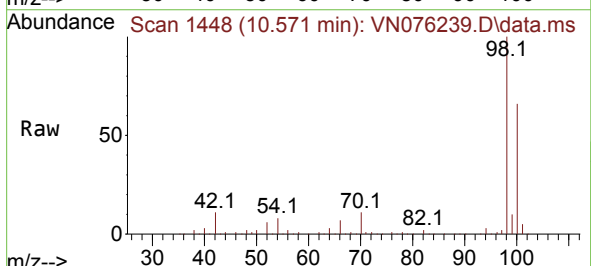
Acq: 13 Jan 2023 11:16

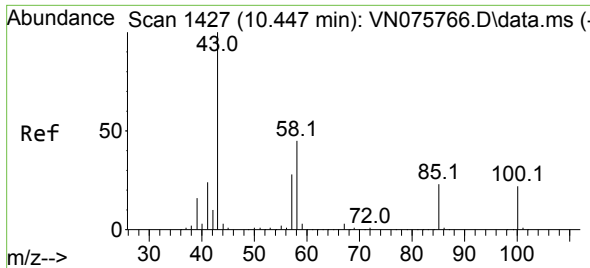
Tgt Ion: 98 Resp: 607651

Ion Ratio Lower Upper

98 100

100 64.4 52.1 78.1

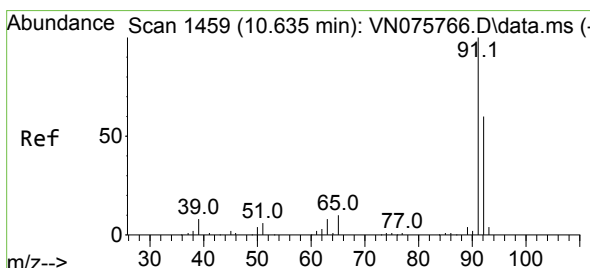
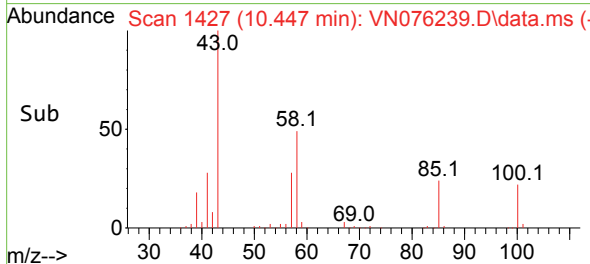
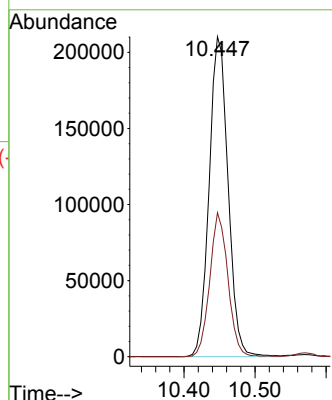
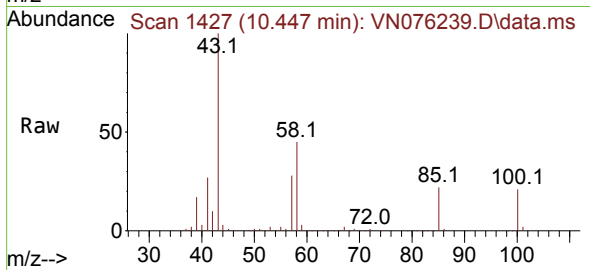




#51  
4-Methyl-2-Pentanone  
Concen: 105.697 ug/l  
RT: 10.447 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

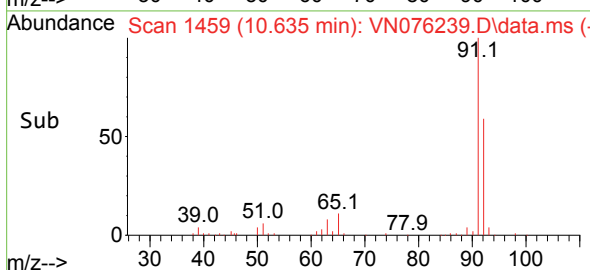
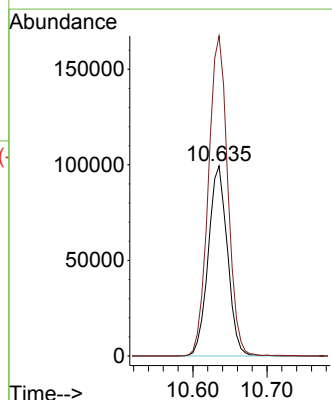
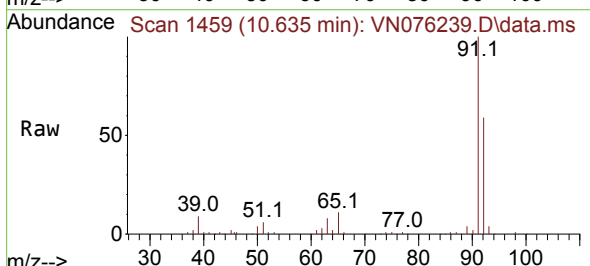
Instrument :  
MSVOA\_N  
ClientSampleId :

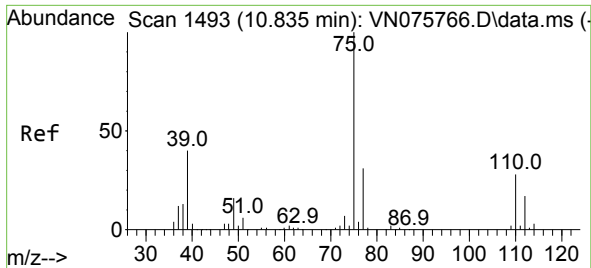
Tgt Ion: 43 Resp: 389179  
Ion Ratio Lower Upper  
43 100  
58 43.3 35.5 53.3



#52  
Toluene  
Concen: 19.298 ug/l  
RT: 10.635 min Scan# 1459  
Delta R.T. 0.000 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

Tgt Ion: 92 Resp: 178179  
Ion Ratio Lower Upper  
92 100  
91 170.7 137.3 205.9

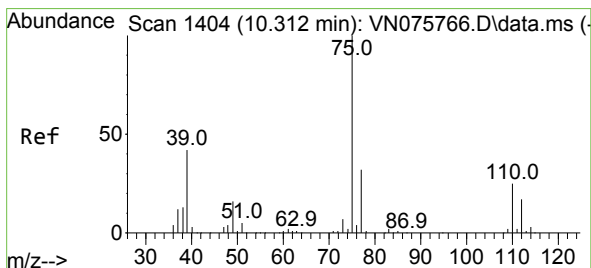
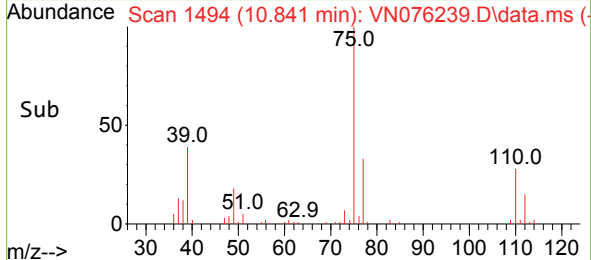
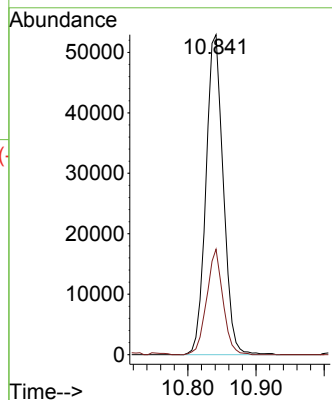
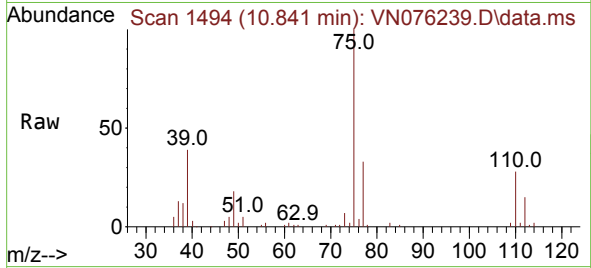




#53  
 t-1,3-Dichloropropene  
 Concen: 19.063 ug/l  
 RT: 10.841 min Scan# 1493  
 Delta R.T. 0.006 min  
 Lab File: VN076239.D  
 Acq: 13 Jan 2023 11:16

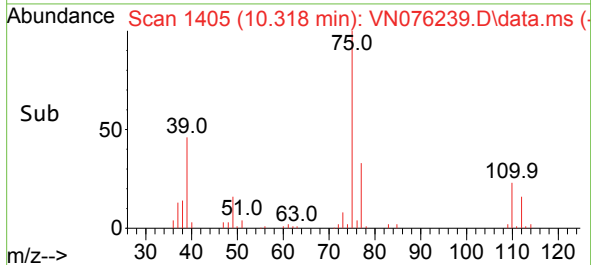
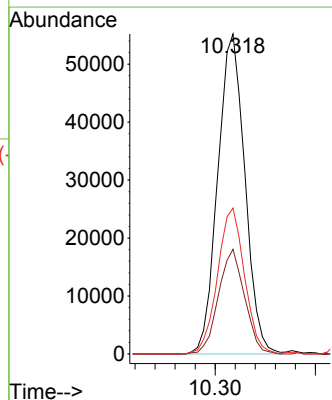
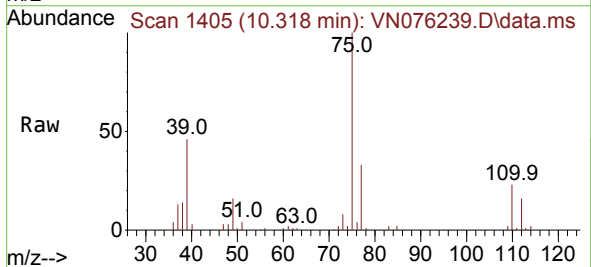
Instrument :  
 MSVOA\_N  
 ClientSampleId :

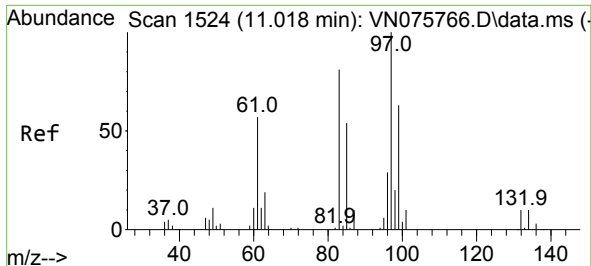
Tgt Ion: 75 Resp: 93637  
 Ion Ratio Lower Upper  
 75 100  
 77 32.9 24.9 37.3



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.197 ug/l  
 RT: 10.318 min Scan# 1405  
 Delta R.T. 0.006 min  
 Lab File: VN076239.D  
 Acq: 13 Jan 2023 11:16

Tgt Ion: 75 Resp: 103530  
 Ion Ratio Lower Upper  
 75 100  
 77 32.7 25.8 38.8  
 39 45.6 33.4 50.2

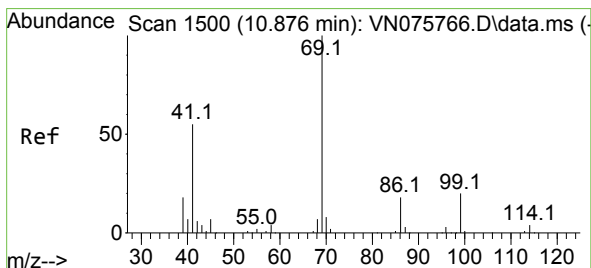
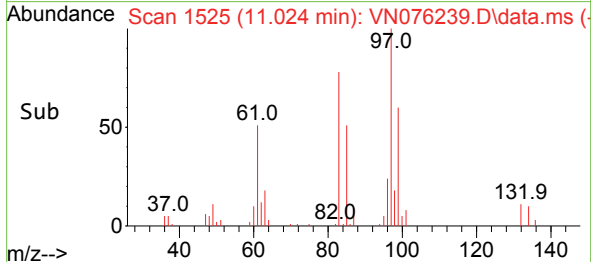
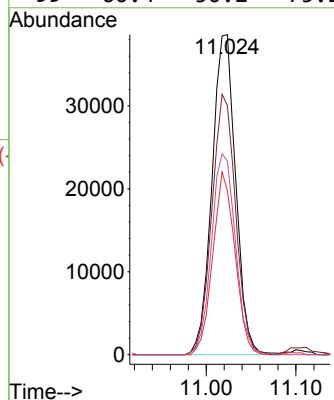
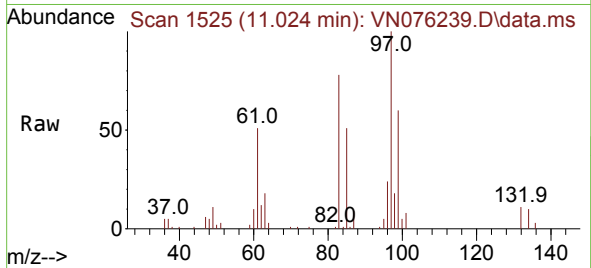




#55  
 1,1,2-Trichloroethane  
 Concen: 19.532 ug/l  
 RT: 11.024 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VN076239.D  
 Acq: 13 Jan 2023 11:16

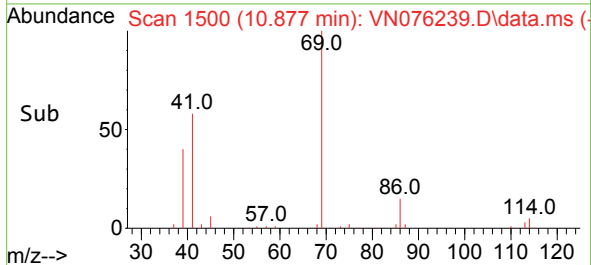
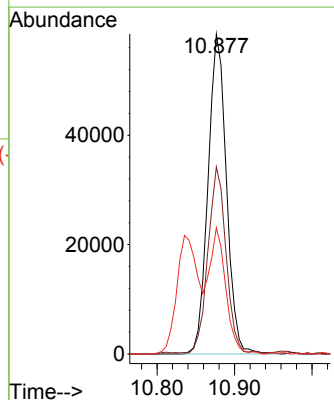
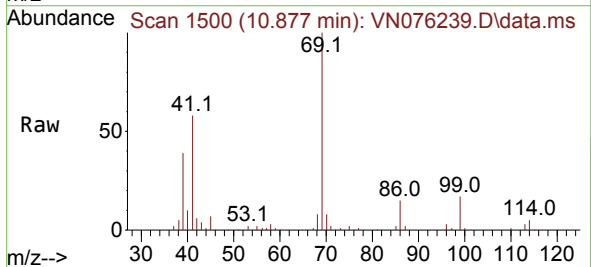
Instrument :  
 MSVOA\_N  
 ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 70786 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 77.9     | 65.0 97.4   |
| 85 51.2     | 43.0 64.6   |
| 99 60.4     | 50.2 75.2   |

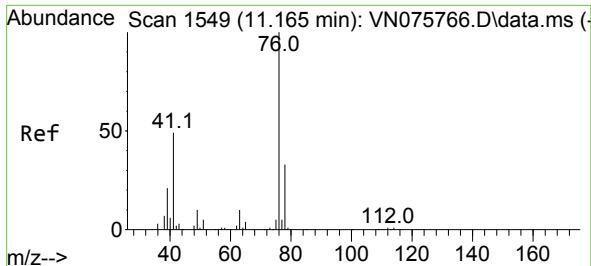


#56  
 Ethyl methacrylate  
 Concen: 20.041 ug/l  
 RT: 10.877 min Scan# 1500  
 Delta R.T. 0.000 min  
 Lab File: VN076239.D  
 Acq: 13 Jan 2023 11:16

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 96471 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 57.0     | 44.2 66.4   |
| 39 36.0     | 26.4 39.6   |







#57

1,3-Dichloropropane

Concen: 19.336 ug/l

RT: 11.165 min Scan# 1

Delta R.T. 0.000 min

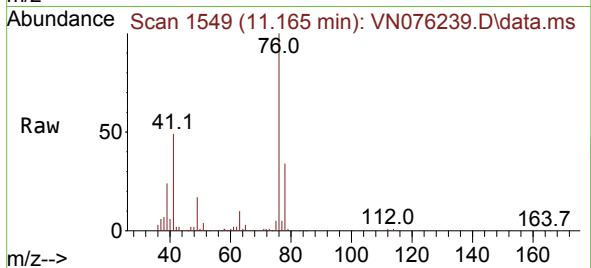
Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA\_N

ClientSampleId :

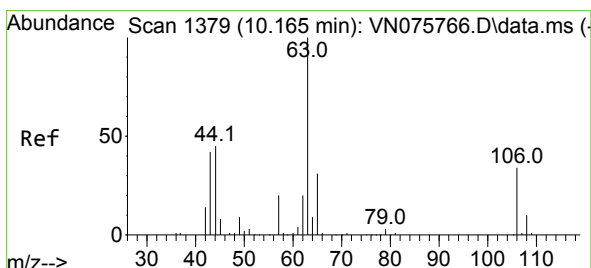
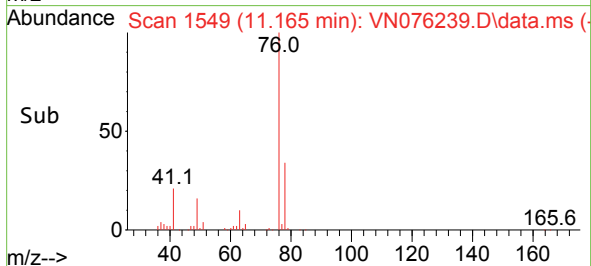
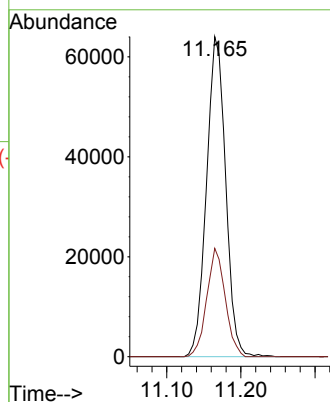


Tgt Ion: 76 Resp: 114946

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 107.499 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN076239.D

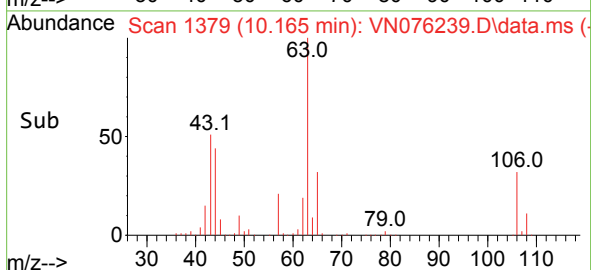
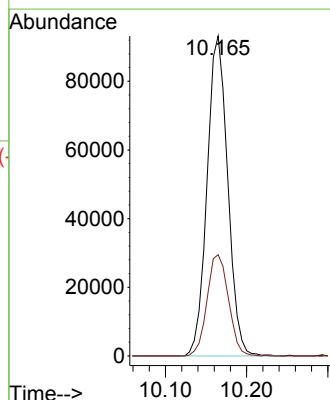
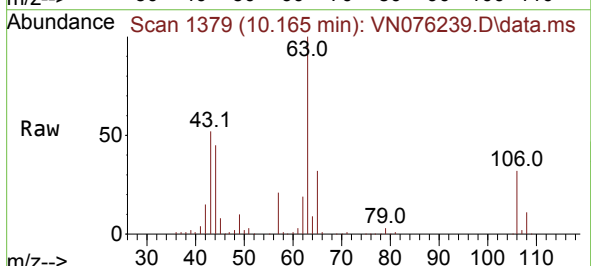
Acq: 13 Jan 2023 11:16

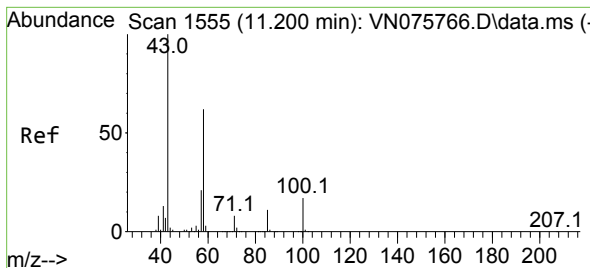
Tgt Ion: 63 Resp: 164755

Ion Ratio Lower Upper

63 100

106 32.9 26.4 39.6

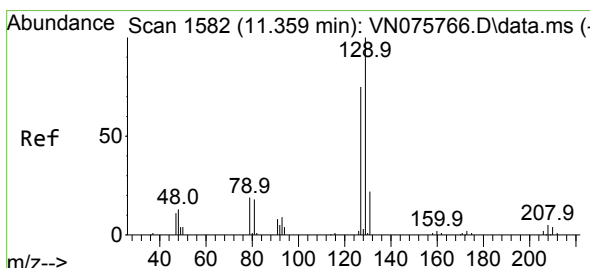
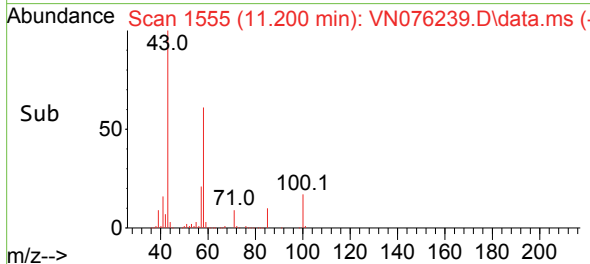
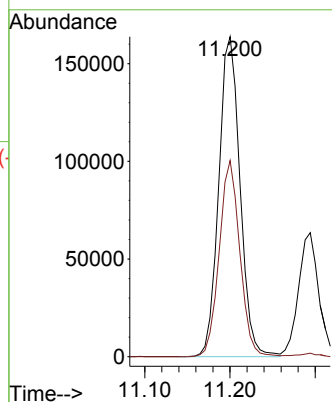
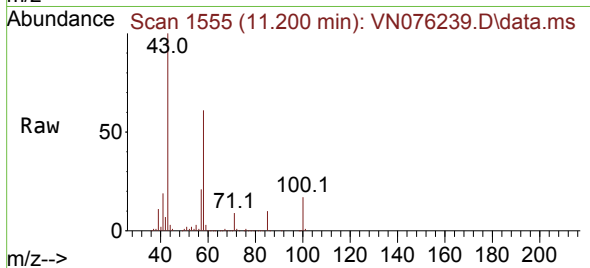




#59  
2-Hexanone  
Concen: 105.747 ug/l  
RT: 11.200 min Scan# 1555  
Delta R.T. 0.000 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

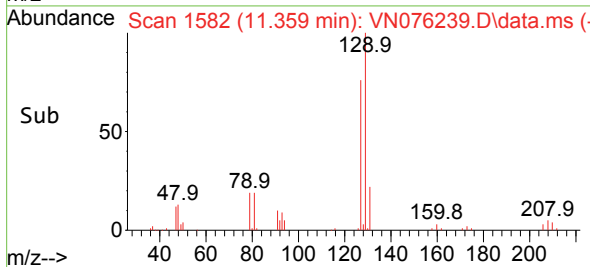
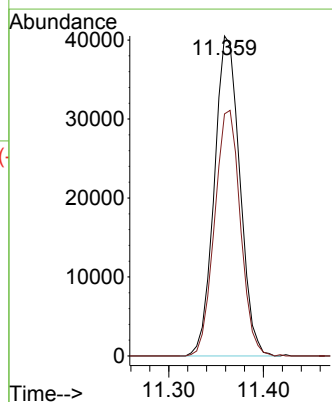
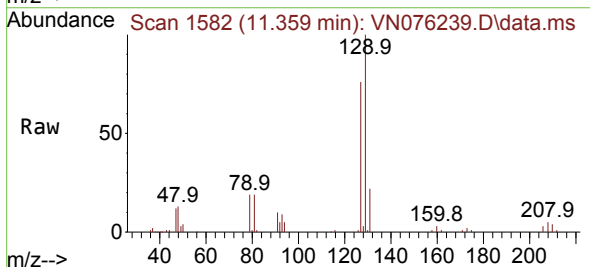
Instrument :  
MSVOA\_N  
ClientSampleId :

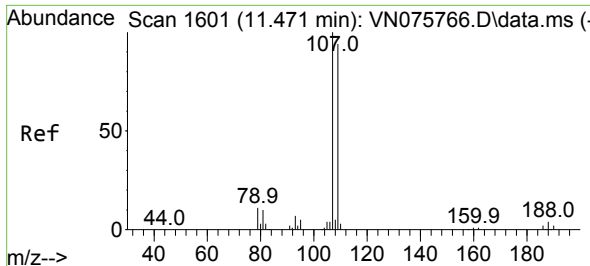
Tgt Ion: 43 Resp: 283951  
Ion Ratio Lower Upper  
43 100  
58 59.4 30.6 92.0



#60  
Dibromochloromethane  
Concen: 18.840 ug/l  
RT: 11.359 min Scan# 1582  
Delta R.T. 0.000 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

Tgt Ion:129 Resp: 75933  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.3 114.9

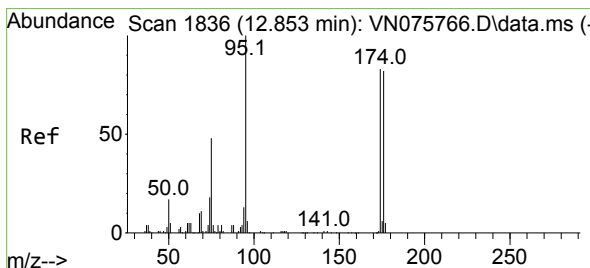
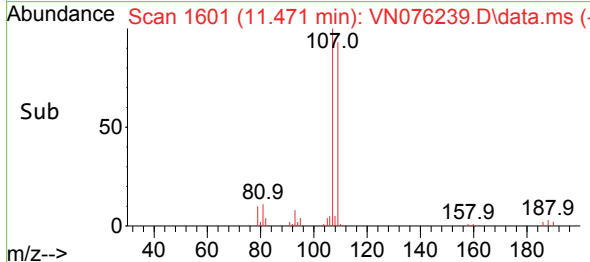
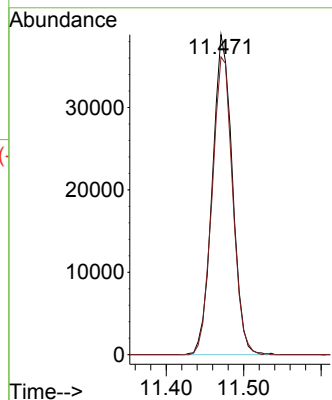
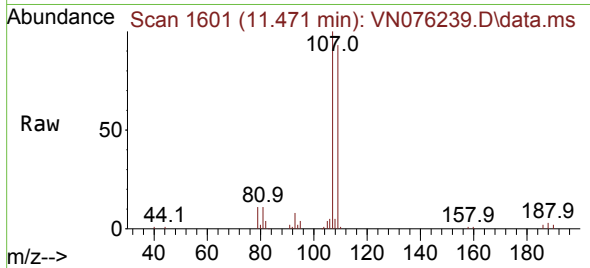




#61  
1,2-Dibromoethane  
Concen: 18.987 ug/l  
RT: 11.471 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

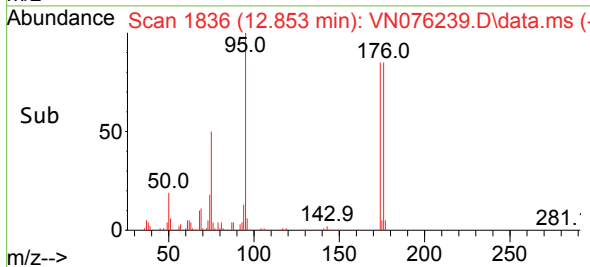
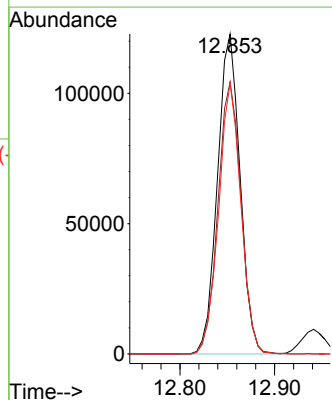
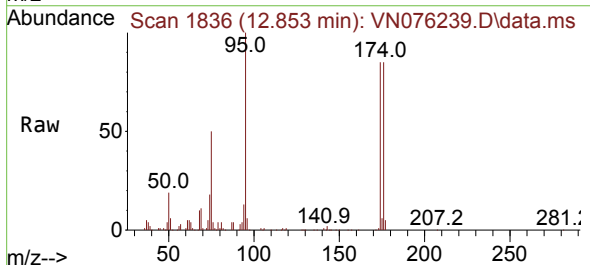
Instrument :  
MSVOA\_N  
ClientSampleId :

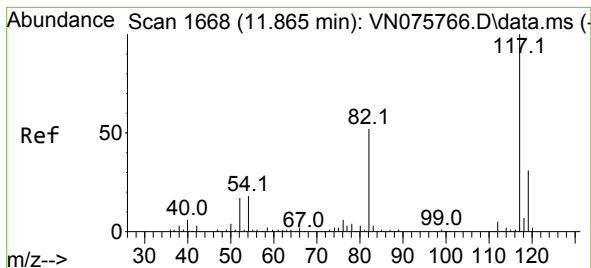
Tgt Ion:107 Resp: 69634  
Ion Ratio Lower Upper  
107 100  
109 95.4 74.8 112.2



#62  
4-Bromofluorobenzene  
Concen: 47.482 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. 0.000 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

Tgt Ion: 95 Resp: 203391  
Ion Ratio Lower Upper  
95 100  
174 86.9 0.0 171.6  
176 83.4 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA\_N

ClientSampleId :

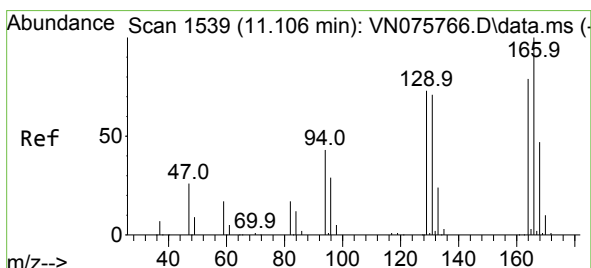
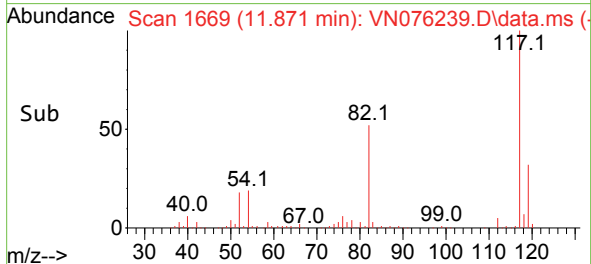
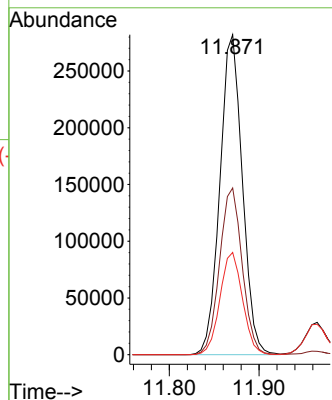
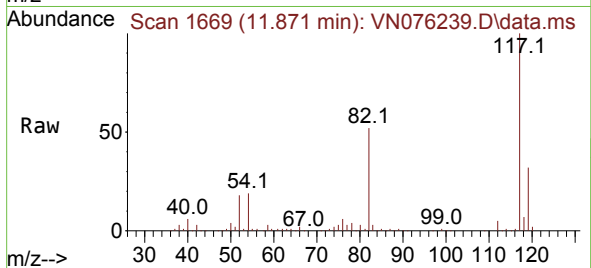
Tgt Ion:117 Resp: 489826

Ion Ratio Lower Upper

117 100

82 52.1 41.3 61.9

119 32.0 24.6 37.0



#64

Tetrachloroethene

Concen: 22.352 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Tgt Ion:164 Resp: 77043

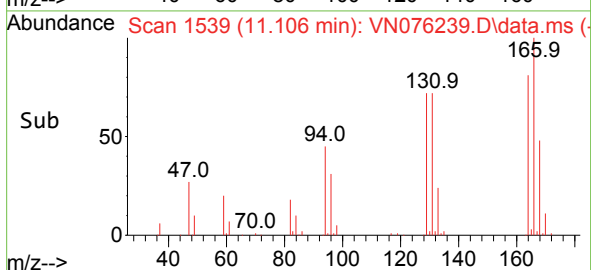
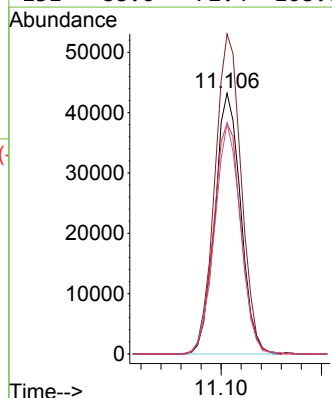
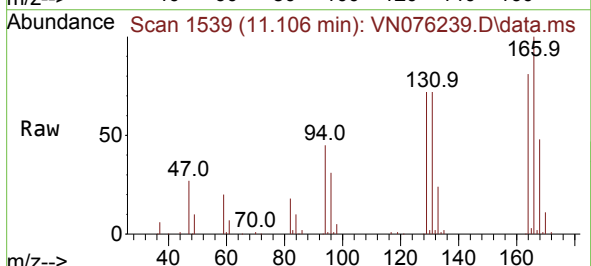
Ion Ratio Lower Upper

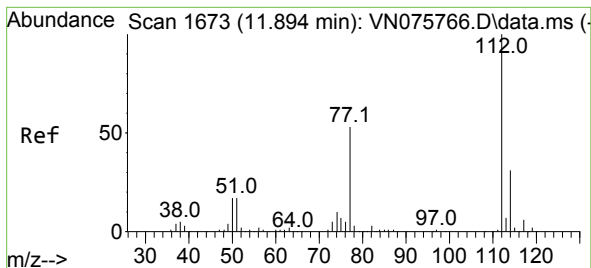
164 100

166 122.8 101.9 152.9

129 88.5 74.2 111.2

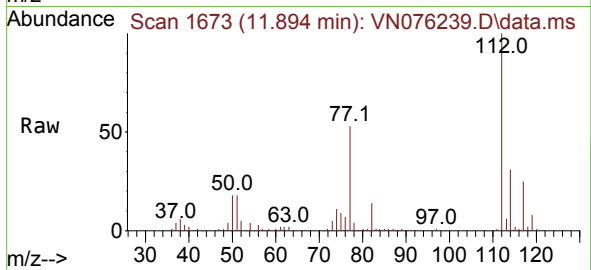
131 88.6 72.4 108.6



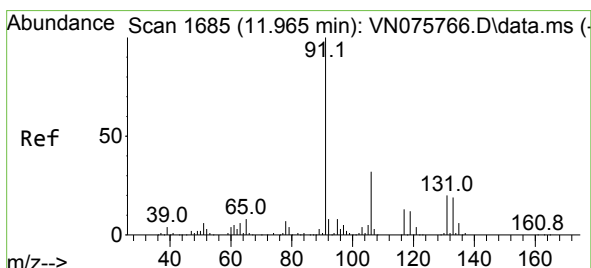
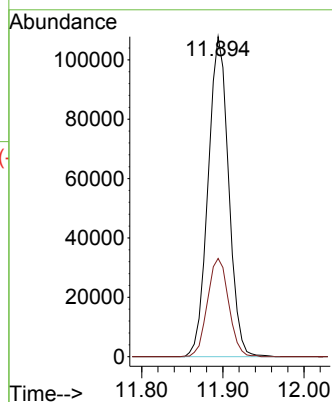
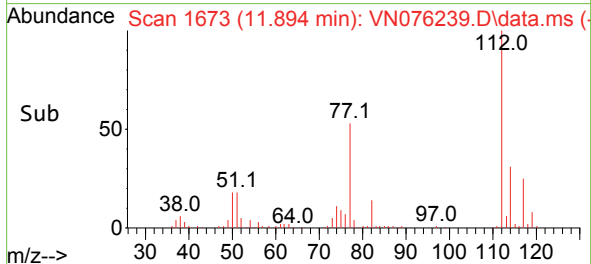


#65  
Chlorobenzene  
Concen: 18.811 ug/l  
RT: 11.894 min Scan# 1673  
Delta R.T. 0.000 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

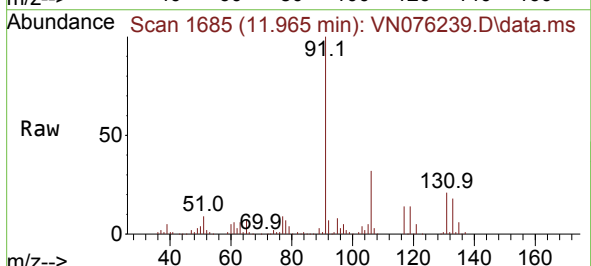
Instrument :  
MSVOA\_N  
ClientSampleId :



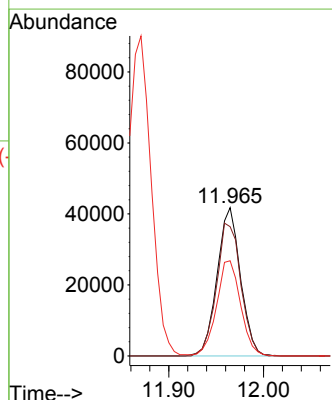
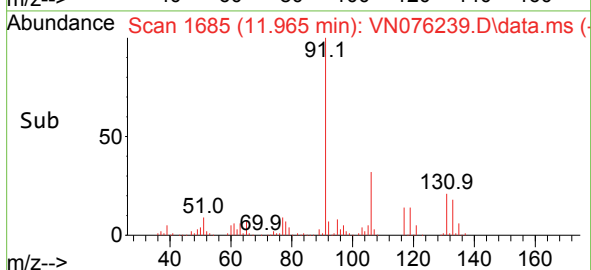
Tgt Ion:112 Resp: 189115  
Ion Ratio Lower Upper  
112 100  
114 30.7 24.7 37.1

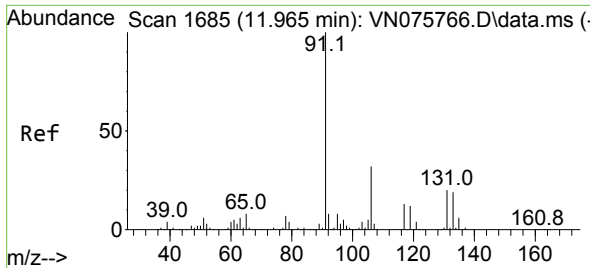


#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.225 ug/l  
RT: 11.965 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16



Tgt Ion:131 Resp: 71592  
Ion Ratio Lower Upper  
131 100  
133 93.8 47.5 142.5  
119 66.2 31.9 95.7

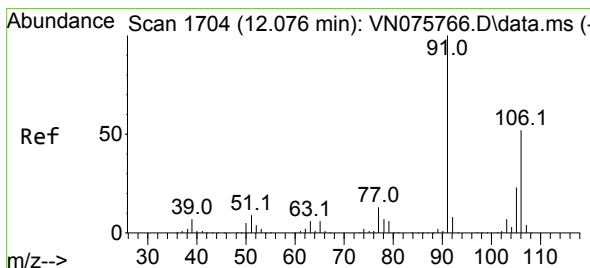
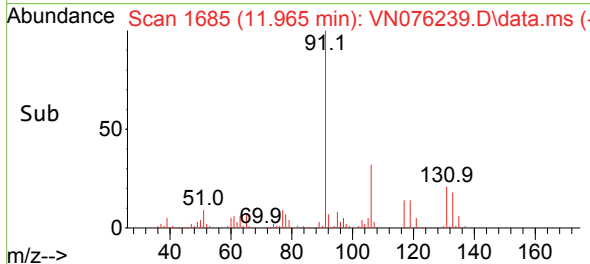
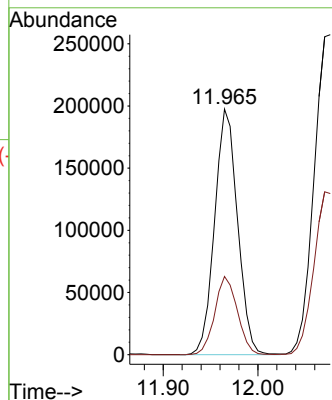
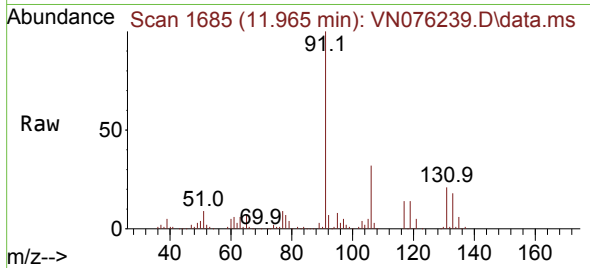




#67  
Ethyl Benzene  
Concen: 19.563 ug/l  
RT: 11.965 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

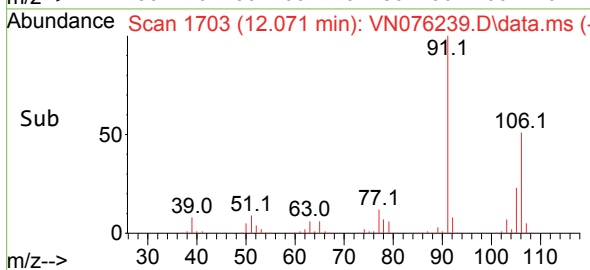
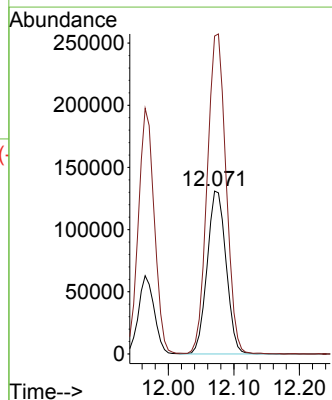
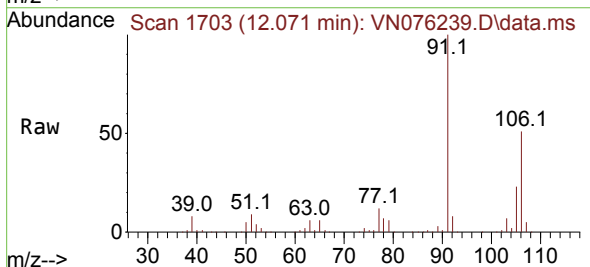
Instrument :  
MSVOA\_N  
ClientSampleId :

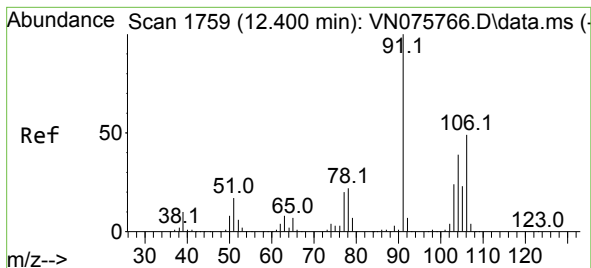
Tgt Ion: 91 Resp: 331940  
Ion Ratio Lower Upper  
91 100  
106 31.9 25.7 38.5



#68  
m/p-Xylenes  
Concen: 39.179 ug/l  
RT: 12.071 min Scan# 1703  
Delta R.T. -0.006 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

Tgt Ion:106 Resp: 263121  
Ion Ratio Lower Upper  
106 100  
91 195.3 156.6 235.0





#69

o-Xylene

Concen: 19.636 ug/l

RT: 12.400 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA\_N

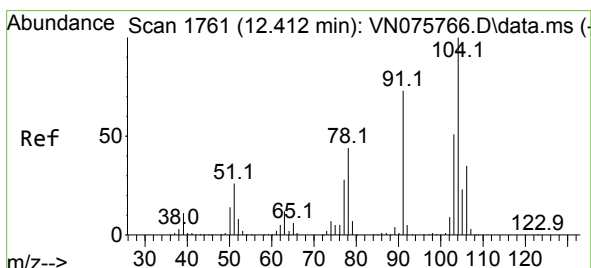
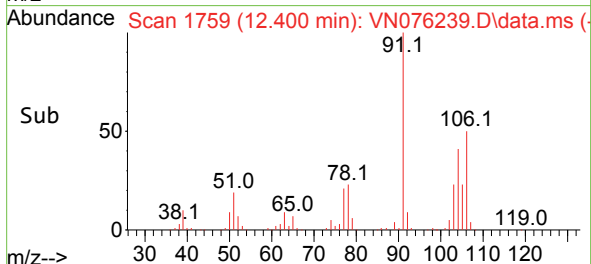
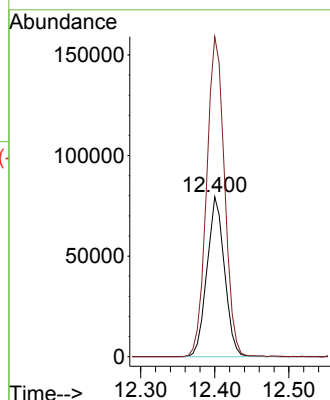
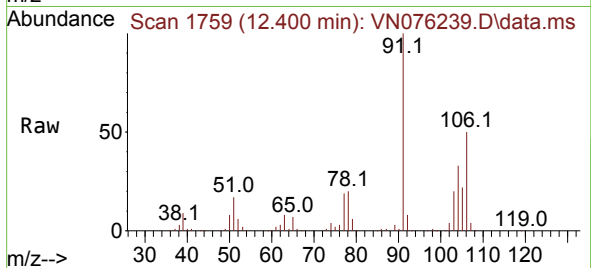
ClientSampleId :

Tgt Ion:106 Resp: 130504

Ion Ratio Lower Upper

106 100

91 204.7 103.8 311.6



#70

Styrene

Concen: 19.583 ug/l

RT: 12.418 min Scan# 1762

Delta R.T. 0.006 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

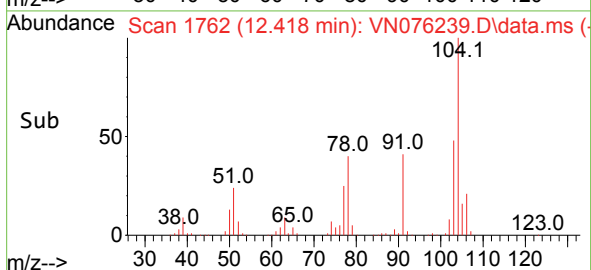
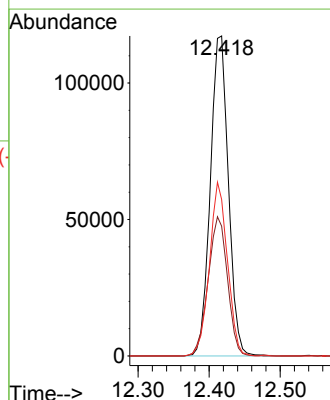
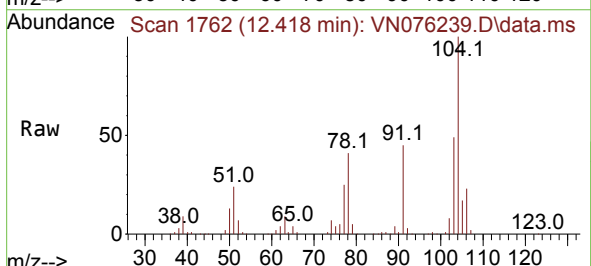
Tgt Ion:104 Resp: 206934

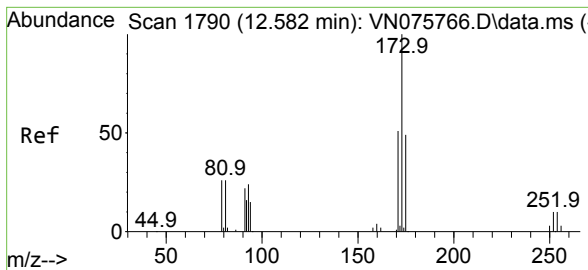
Ion Ratio Lower Upper

104 100

78 46.5 37.5 56.3

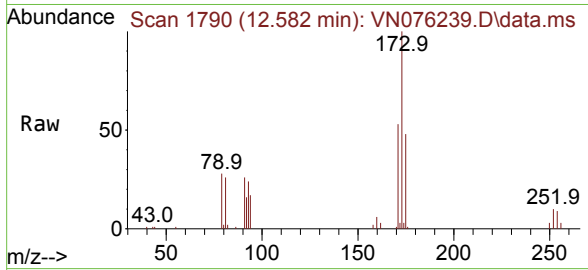
103 54.2 43.5 65.3



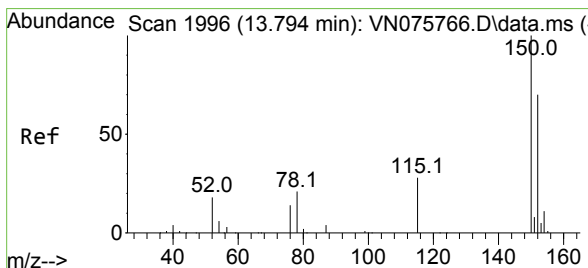
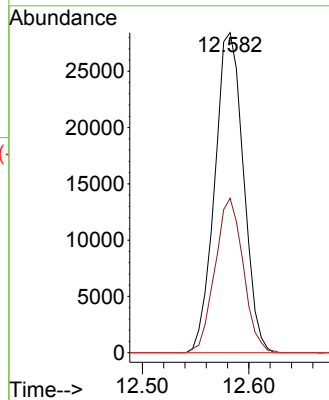
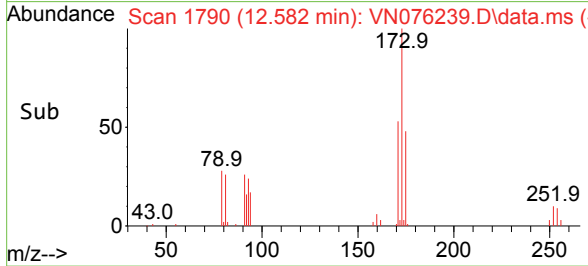


#71  
Bromoform  
Concen: 19.614 ug/l  
RT: 12.582 min Scan# 1790  
Delta R.T. 0.000 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

Instrument :  
MSVOA\_N  
ClientSampleId :

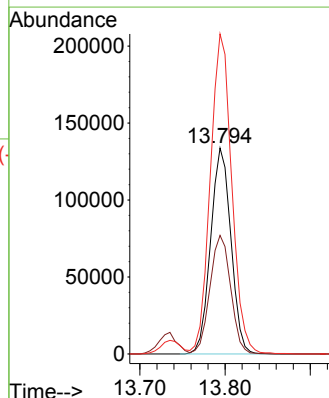
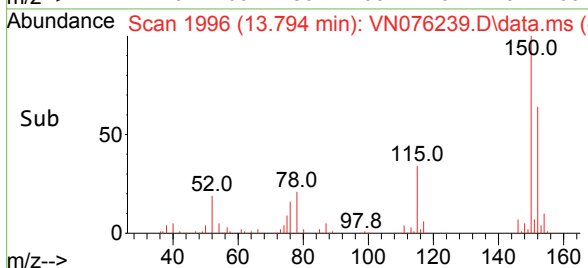
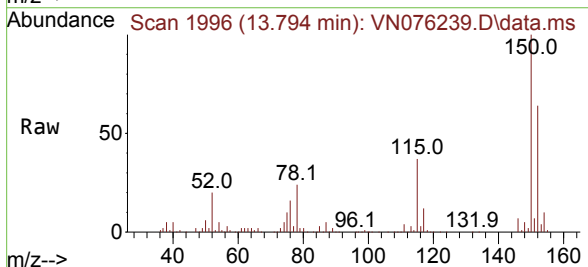


Tgt Ion:173 Resp: 53146  
Ion Ratio Lower Upper  
173 100  
175 47.5 24.3 72.8  
254 0.0 0.0 0.0

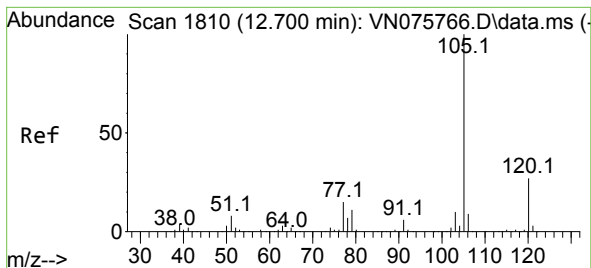


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 1996  
Delta R.T. 0.000 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

Tgt Ion:152 Resp: 221391  
Ion Ratio Lower Upper  
152 100  
115 58.8 29.1 87.4  
150 164.0 0.0 347.0







#73

Isopropylbenzene

Concen: 21.004 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA\_N

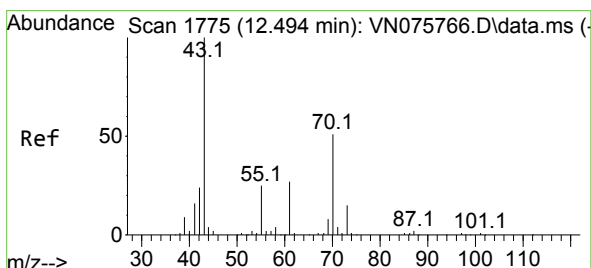
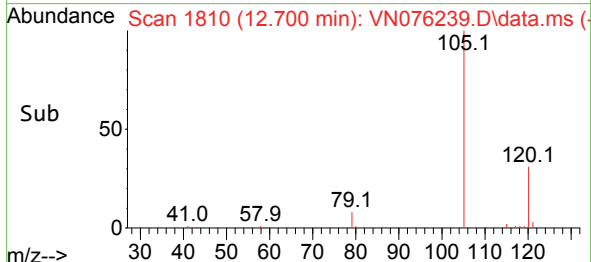
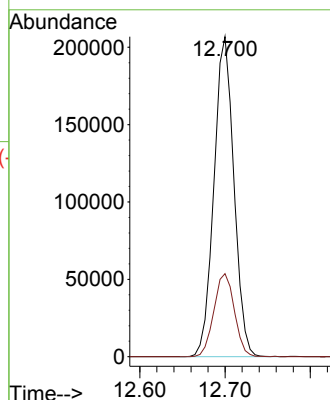
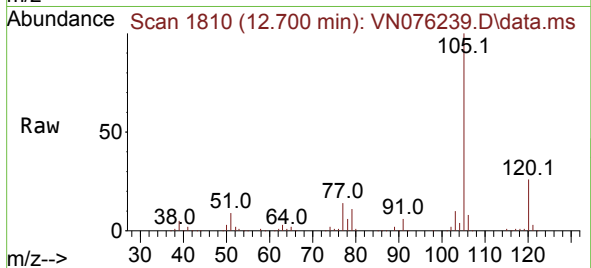
ClientSampleId :

Tgt Ion:105 Resp: 336039

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 21.172 ug/l

RT: 12.500 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Tgt Ion: 43 Resp: 99369

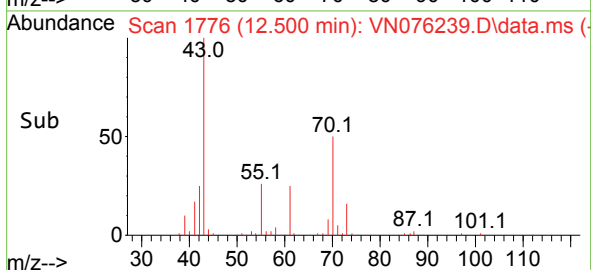
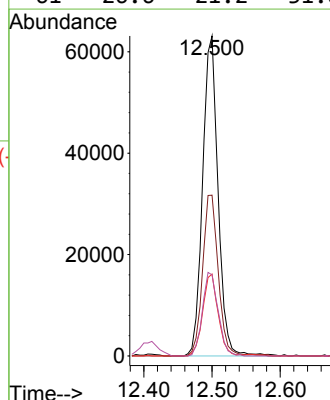
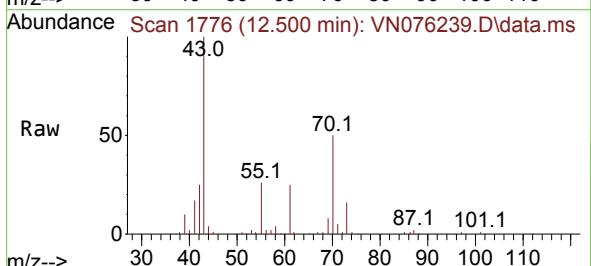
Ion Ratio Lower Upper

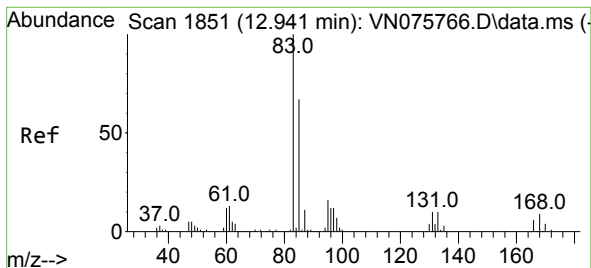
43 100

70 51.3 41.4 62.0

55 25.6 21.3 31.9

61 26.6 21.2 31.8

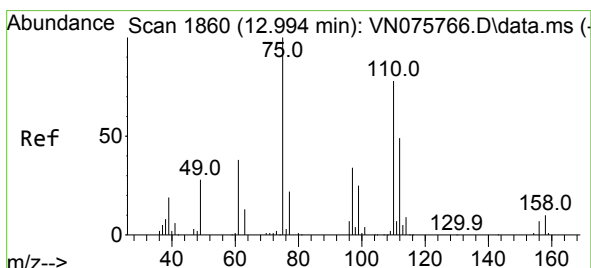
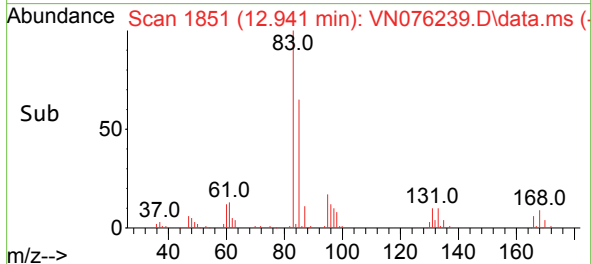
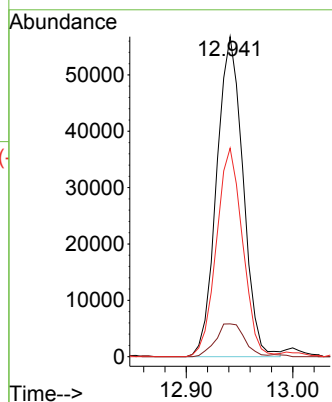
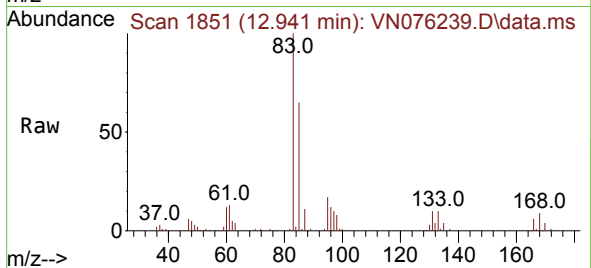




#75  
1,1,2,2-Tetrachloroethane  
Concen: 19.769 ug/l  
RT: 12.941 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

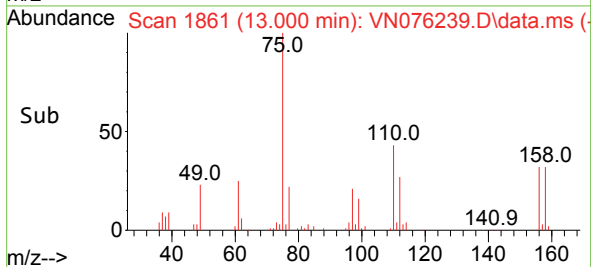
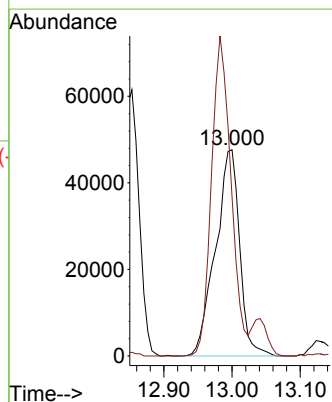
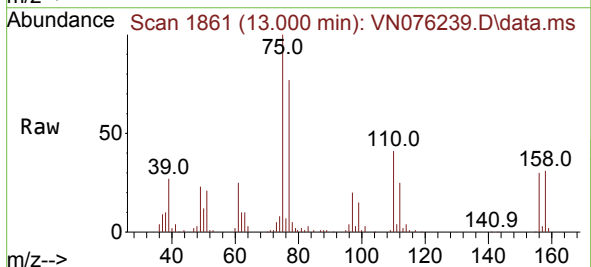
Instrument :  
MSVOA\_N  
ClientSampleId :

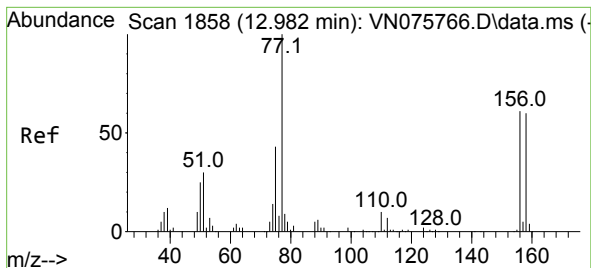
Tgt Ion: 83 Resp: 97773  
Ion Ratio Lower Upper  
83 100  
131 11.2 5.6 16.8  
85 64.6 32.6 98.0



#76  
1,2,3-Trichloropropane  
Concen: 26.290 ug/l  
RT: 13.000 min Scan# 1861  
Delta R.T. 0.006 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

Tgt Ion: 75 Resp: 117325  
Ion Ratio Lower Upper  
75 100  
77 126.1 82.6 247.8





#77

Bromobenzene

Concen: 19.118 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN076239.D

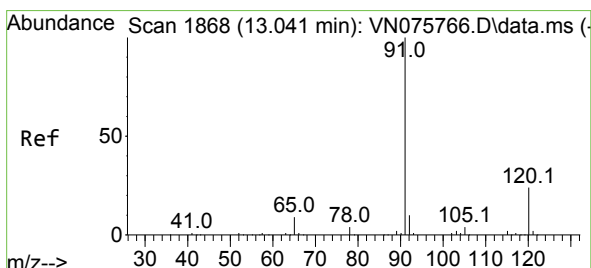
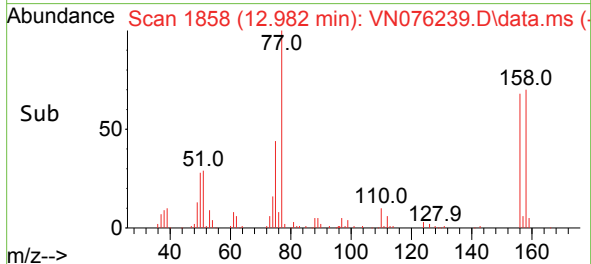
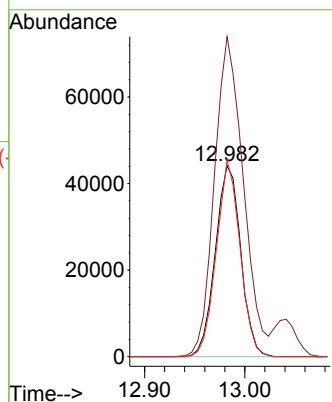
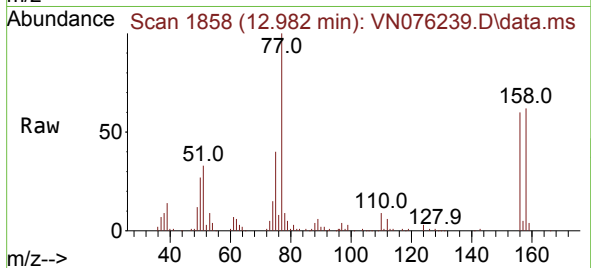
Acq: 13 Jan 2023 11:16

Instrument :

MSVOA\_N

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 156   | Resp: | 77407 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 191.1 | 93.8  | 281.3 |
| 158       | 96.1  | 48.9  | 146.6 |



#78

n-propylbenzene

Concen: 21.042 ug/l

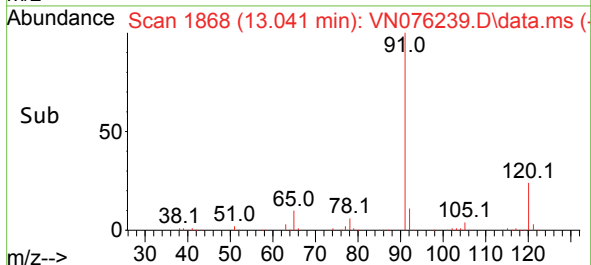
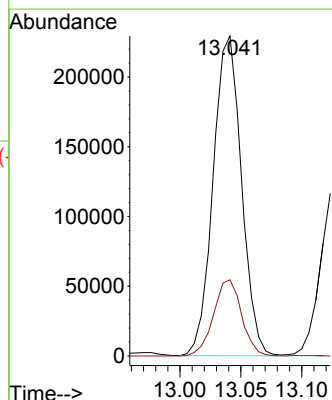
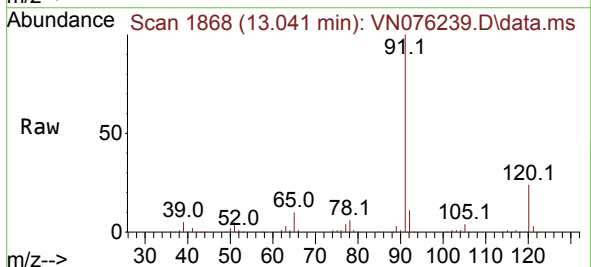
RT: 13.041 min Scan# 1868

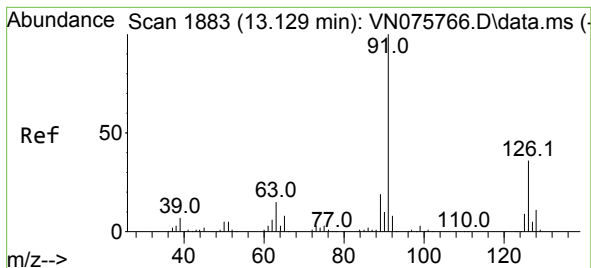
Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 371308 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.6  | 12.0  | 36.1   |





#79

2-Chlorotoluene

Concen: 19.826 ug/l

RT: 13.129 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA\_N

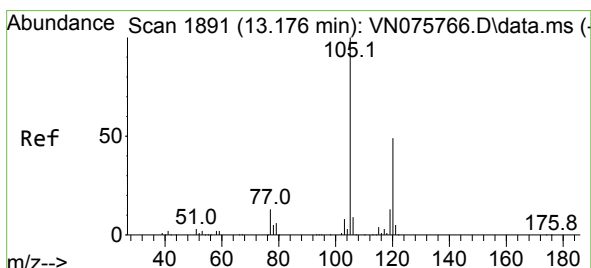
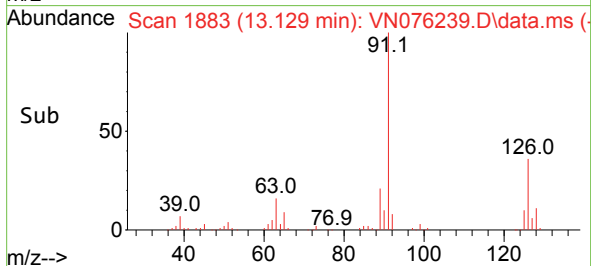
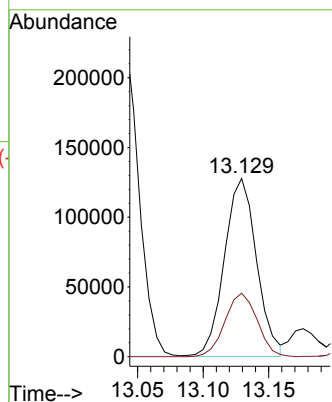
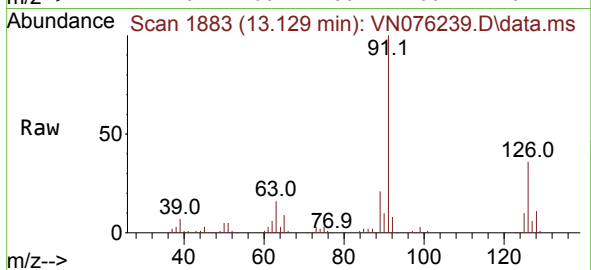
ClientSampleId :

Tgt Ion: 91 Resp: 218382

Ion Ratio Lower Upper

91 100

126 35.6 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 21.053 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN076239.D

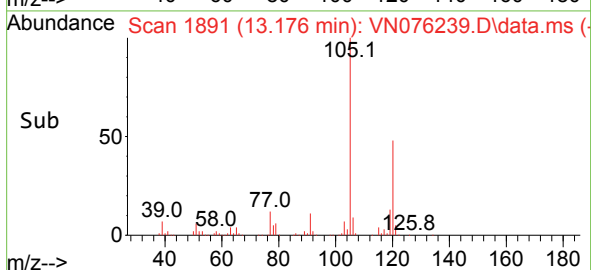
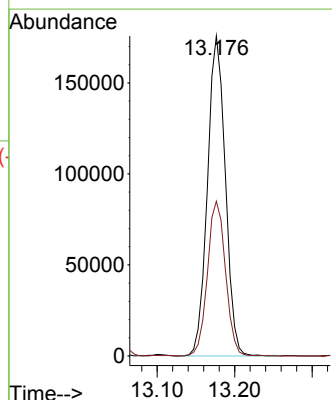
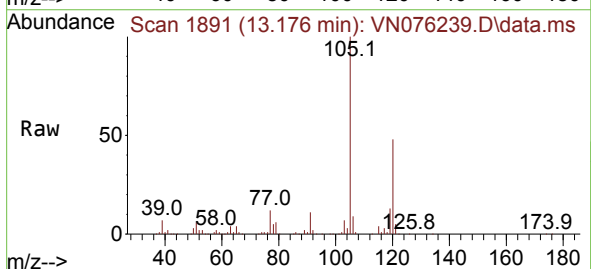
Acq: 13 Jan 2023 11:16

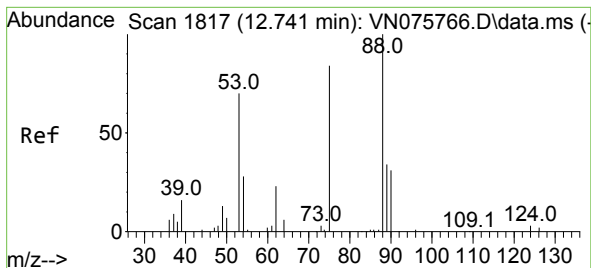
Tgt Ion: 105 Resp: 281904

Ion Ratio Lower Upper

105 100

120 48.7 24.7 74.1

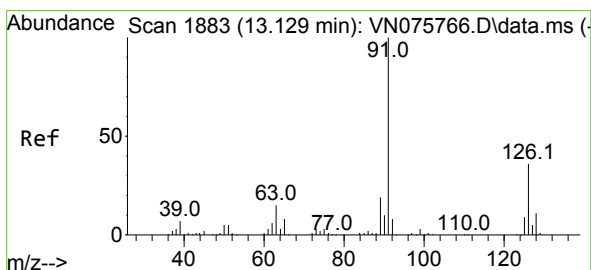
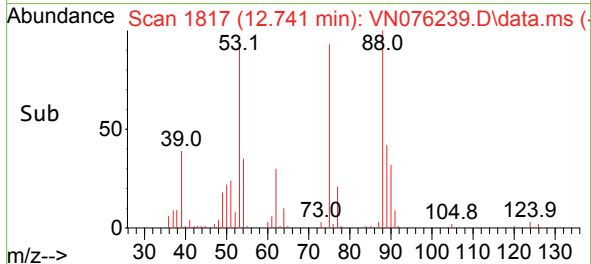
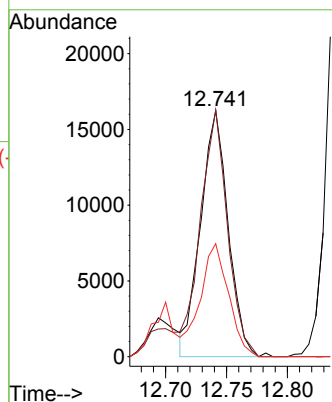
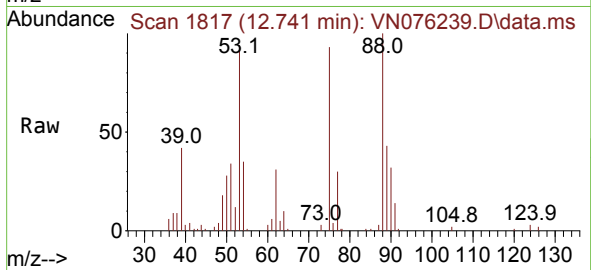




#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.664 ug/l  
RT: 12.741 min Scan# 1817  
Delta R.T. 0.000 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

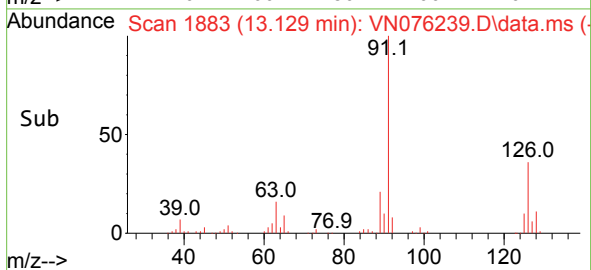
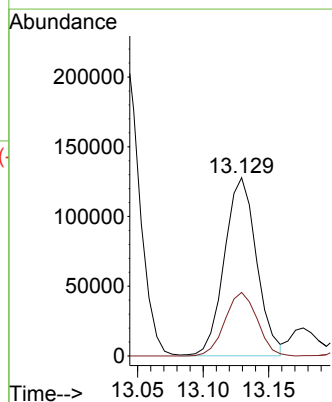
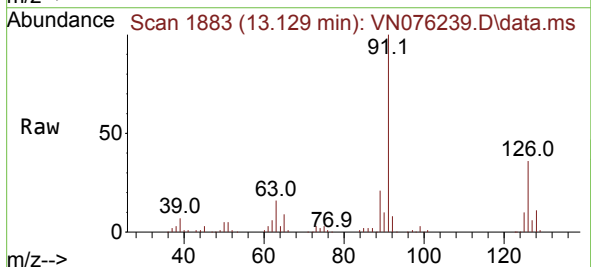
Instrument :  
MSVOA\_N  
ClientSampleId :

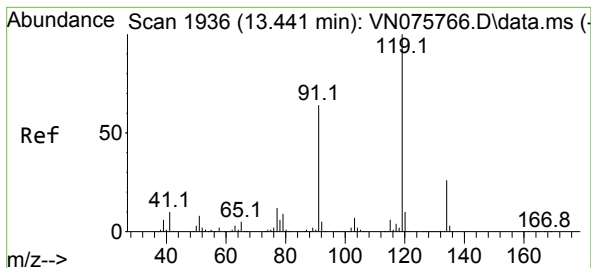
Tgt Ion: 75 Resp: 25620  
Ion Ratio Lower Upper  
75 100  
53 100.6 73.8 110.6  
89 47.4 39.5 59.3



#82  
4-Chlorotoluene  
Concen: 19.826 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

Tgt Ion: 91 Resp: 218382  
Ion Ratio Lower Upper  
91 100  
126 35.6 17.5 52.5





#83

tert-Butylbenzene

Concen: 21.733 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA\_N

ClientSampleId :

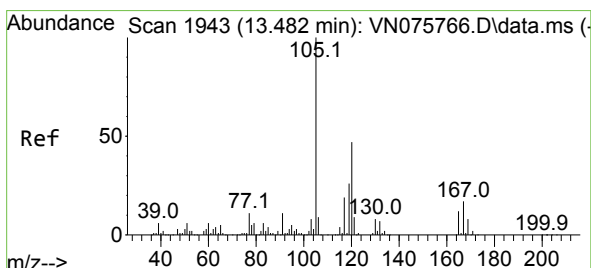
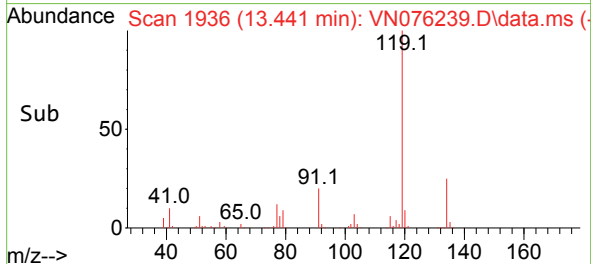
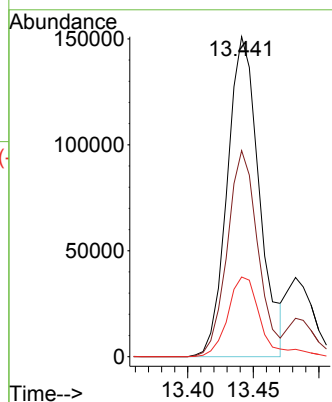
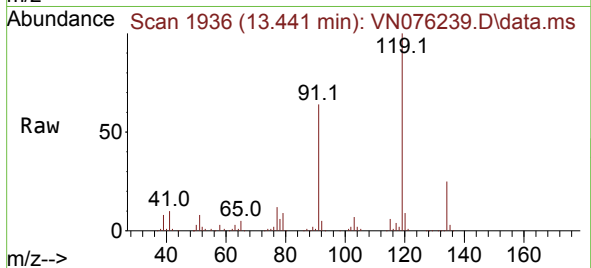
Tgt Ion:119 Resp: 256571

Ion Ratio Lower Upper

119 100

91 61.6 31.9 95.5

134 25.8 13.8 41.4



#84

1,2,4-Trimethylbenzene

Concen: 20.508 ug/l

RT: 13.488 min Scan# 1944

Delta R.T. 0.006 min

Lab File: VN076239.D

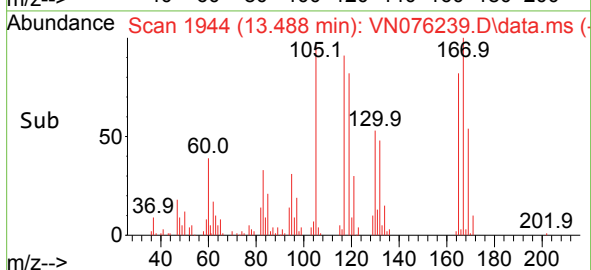
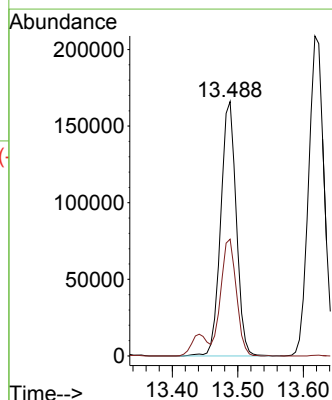
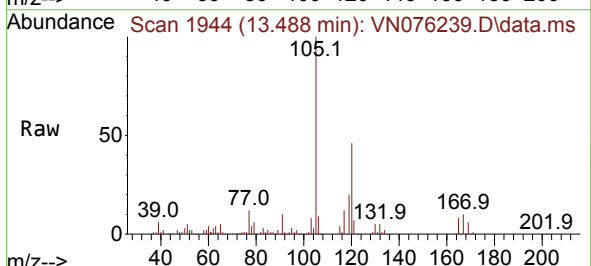
Acq: 13 Jan 2023 11:16

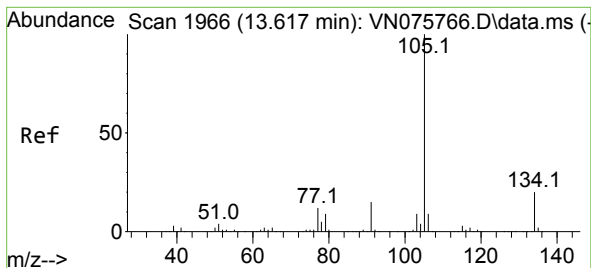
Tgt Ion:105 Resp: 272422

Ion Ratio Lower Upper

105 100

120 45.9 23.3 69.8





#85

sec-Butylbenzene

Concen: 20.994 ug/l

RT: 13.618 min Scan# 1966

Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA\_N

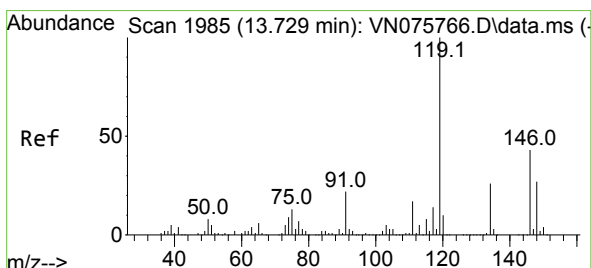
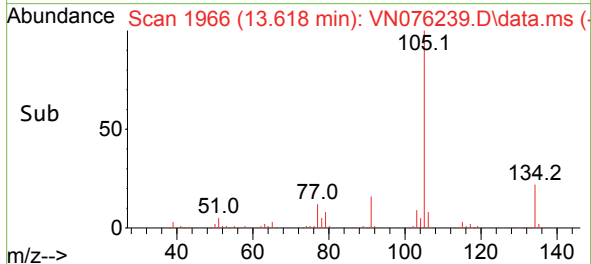
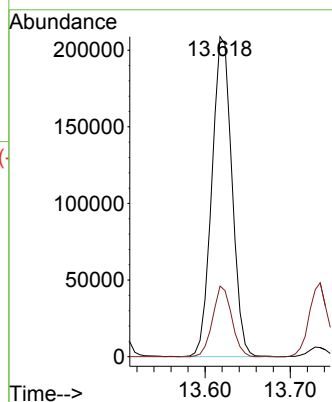
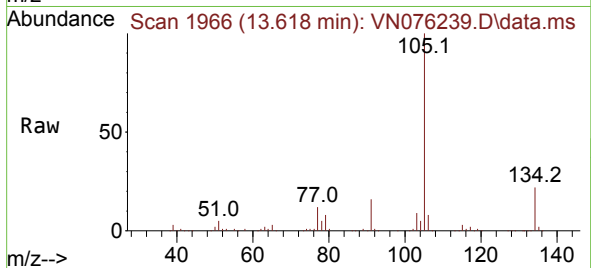
ClientSampleId :

Tgt Ion:105 Resp: 342090

Ion Ratio Lower Upper

105 100

134 20.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.868 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.006 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

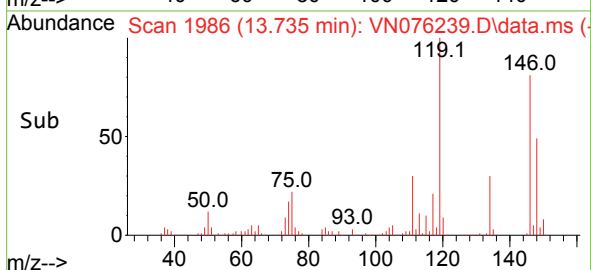
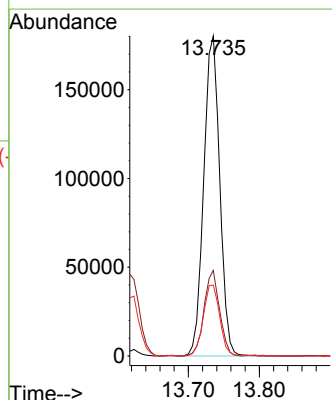
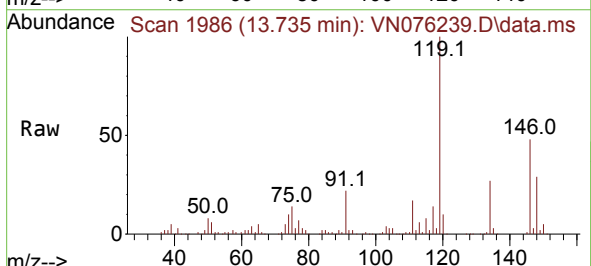
Tgt Ion:119 Resp: 282936

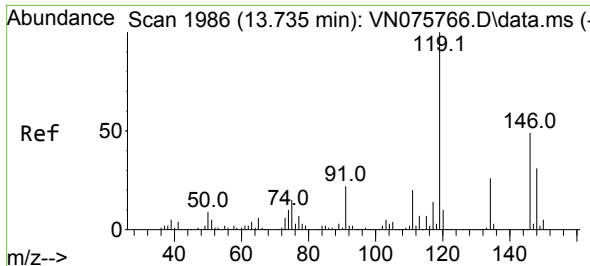
Ion Ratio Lower Upper

119 100

134 25.9 13.0 39.0

91 22.8 11.2 33.6

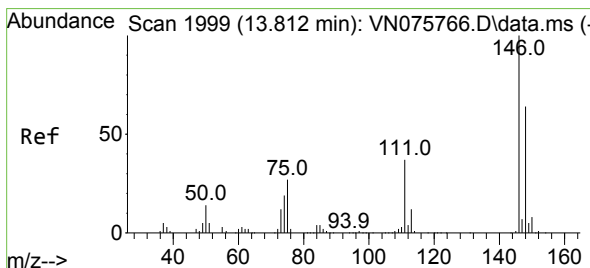
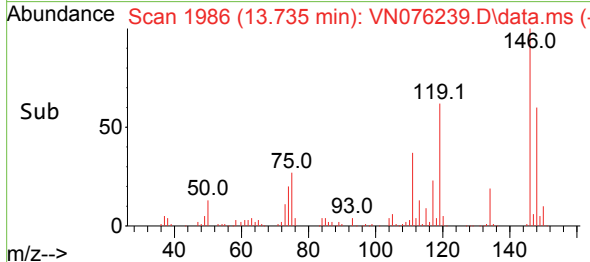
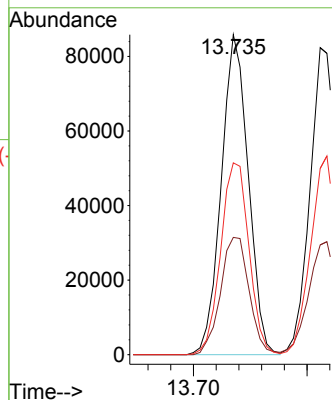
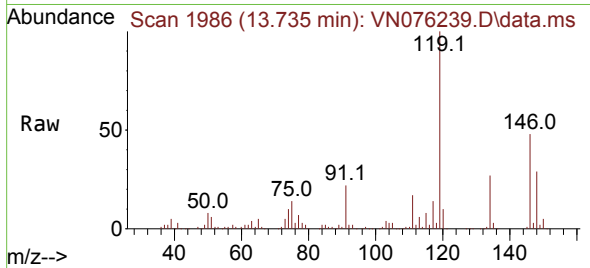




#87  
 1,3-Dichlorobenzene  
 Concen: 18.960 ug/l  
 RT: 13.735 min Scan# 1986  
 Delta R.T. 0.000 min  
 Lab File: VN076239.D  
 Acq: 13 Jan 2023 11:16

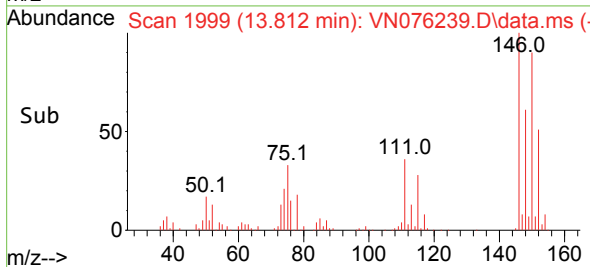
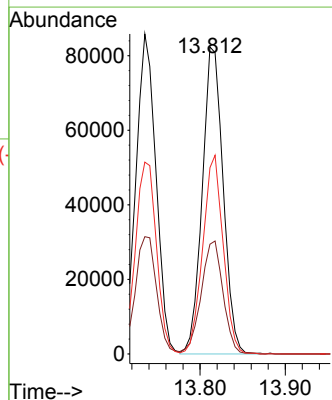
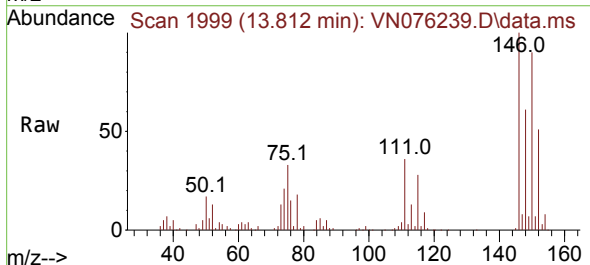
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion:146 Resp: 141803  
 Ion Ratio Lower Upper  
 146 100  
 111 39.0 19.7 59.0  
 148 62.7 31.4 94.2

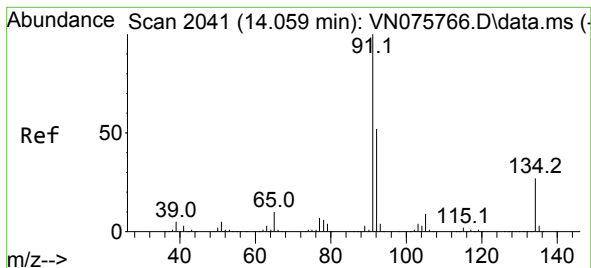


#88  
 1,4-Dichlorobenzene  
 Concen: 18.353 ug/l  
 RT: 13.812 min Scan# 1999  
 Delta R.T. 0.000 min  
 Lab File: VN076239.D  
 Acq: 13 Jan 2023 11:16

Tgt Ion:146 Resp: 140224  
 Ion Ratio Lower Upper  
 146 100  
 111 38.5 19.1 57.1  
 148 63.4 32.0 96.2







#89

n-Butylbenzene

Concen: 19.115 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA\_N

ClientSampleId :

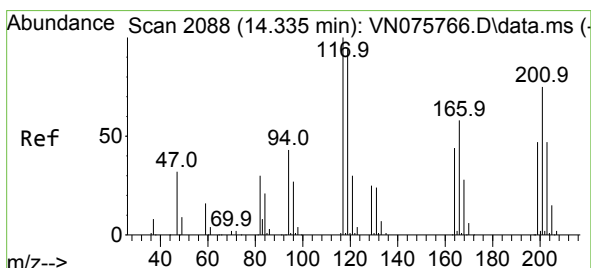
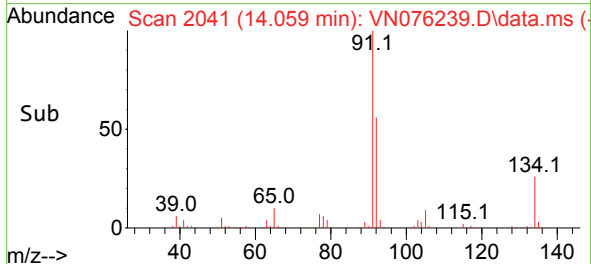
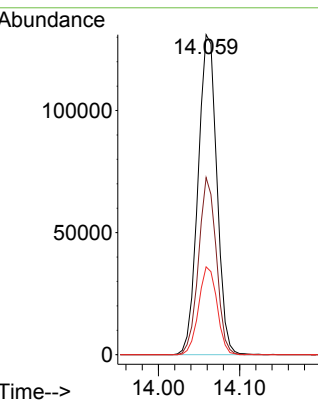
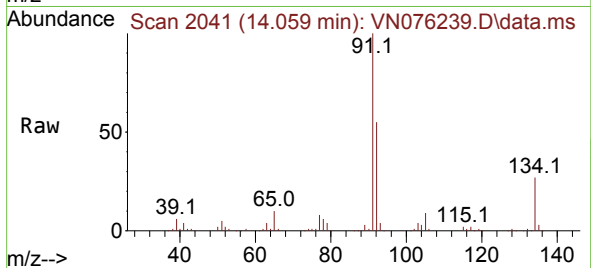
Tgt Ion: 91 Resp: 209969

Ion Ratio Lower Upper

91 100

92 52.4 26.4 79.2

134 26.9 13.4 40.2



#90

Hexachloroethane

Concen: 19.627 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN076239.D

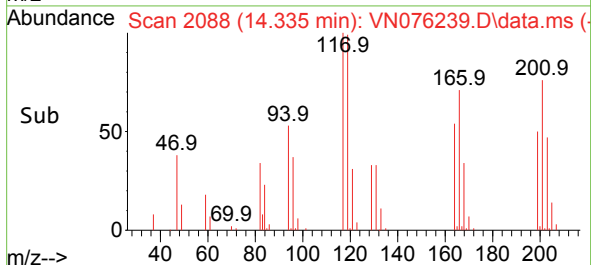
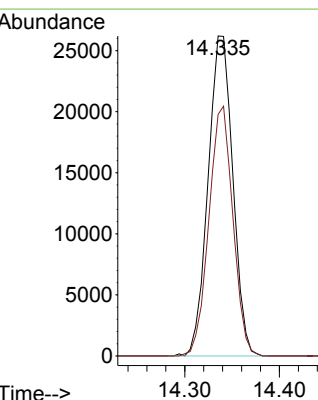
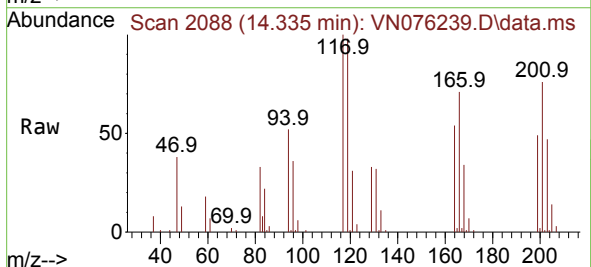
Acq: 13 Jan 2023 11:16

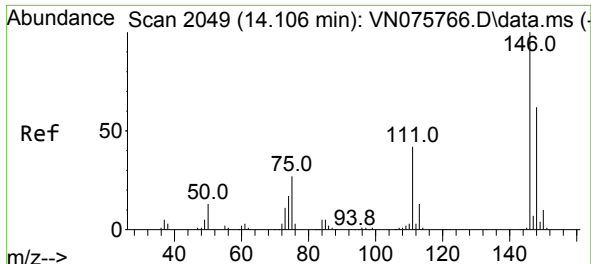
Tgt Ion: 117 Resp: 47603

Ion Ratio Lower Upper

117 100

201 75.8 38.0 114.1

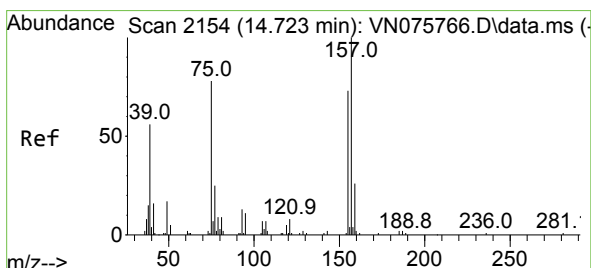
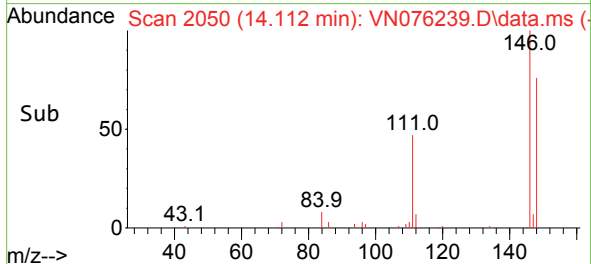
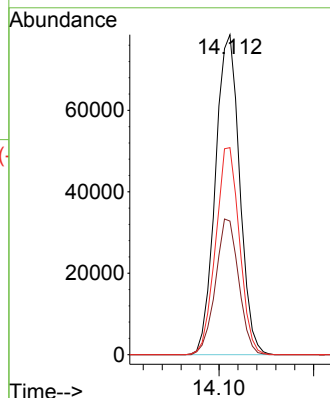
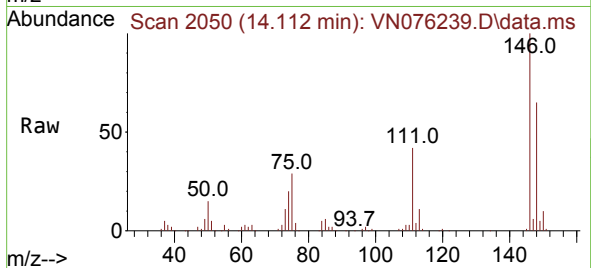




#91  
1,2-Dichlorobenzene  
Concen: 18.937 ug/l  
RT: 14.112 min Scan# 2049  
Delta R.T. 0.006 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

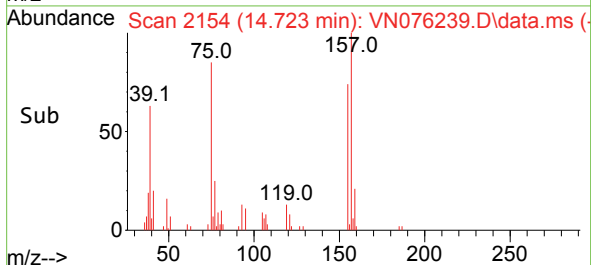
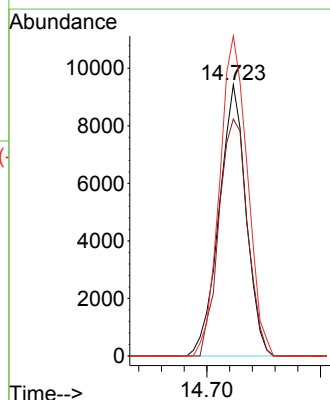
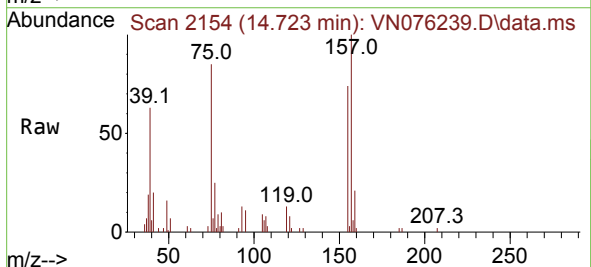
Instrument :  
MSVOA\_N  
ClientSampleId :

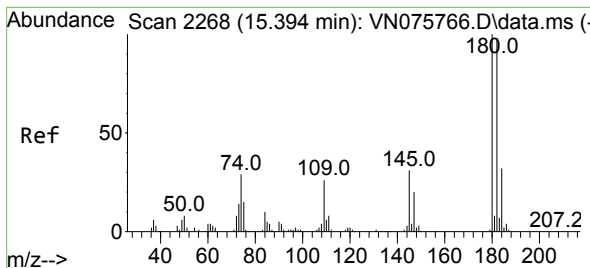
Tgt Ion:146 Resp: 139504  
Ion Ratio Lower Upper  
146 100  
111 40.8 20.3 61.0  
148 63.6 31.7 95.1



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 17.700 ug/l  
RT: 14.723 min Scan# 2154  
Delta R.T. 0.000 min  
Lab File: VN076239.D  
Acq: 13 Jan 2023 11:16

Tgt Ion: 75 Resp: 15533  
Ion Ratio Lower Upper  
75 100  
155 92.4 49.3 147.8  
157 121.9 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 16.326 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. 0.000 min

Lab File: VN076239.D

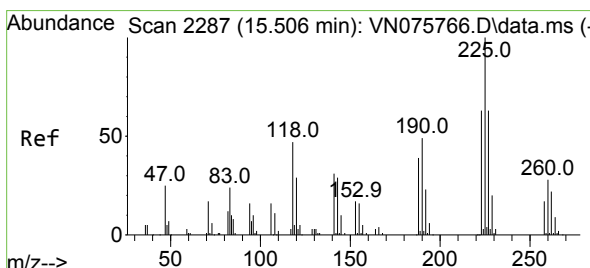
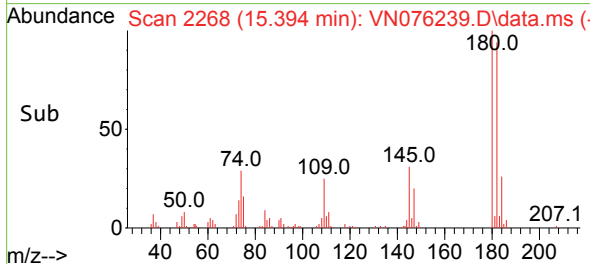
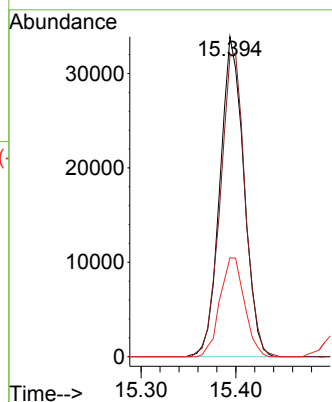
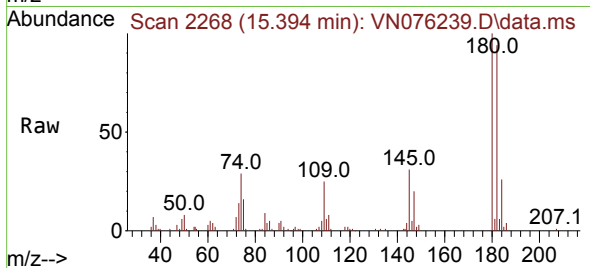
Acq: 13 Jan 2023 11:16

Instrument :

MSVOA\_N

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 59544      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 98.0  | 47.5 142.5 |
| 145         | 31.7  | 15.3 45.8  |



#94

Hexachlorobutadiene

Concen: 18.085 ug/l

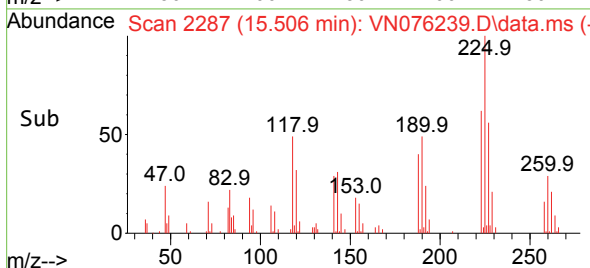
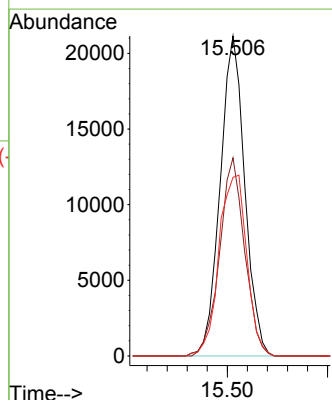
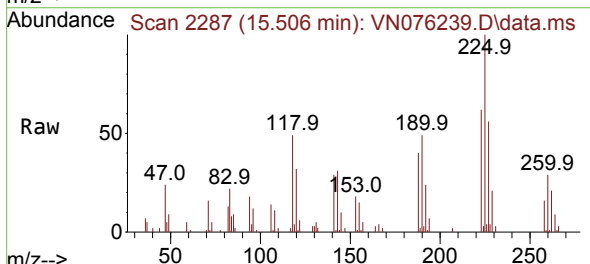
RT: 15.506 min Scan# 2287

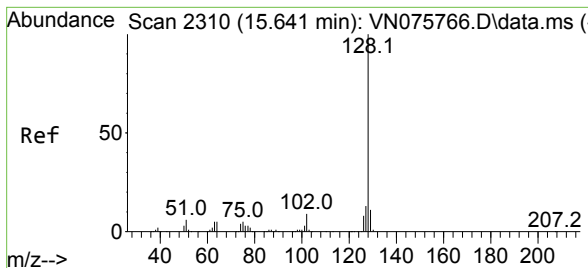
Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 35987     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 62.8  | 31.5 94.5 |
| 227         | 63.8  | 31.6 95.0 |





#95

Naphthalene

Concen: 16.650 ug/l

RT: 15.647 min Scan# 2311

Delta R.T. 0.006 min

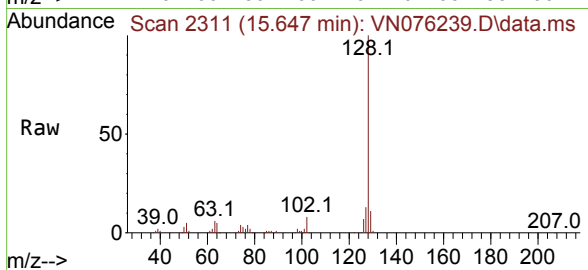
Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA\_N

ClientSampleId :



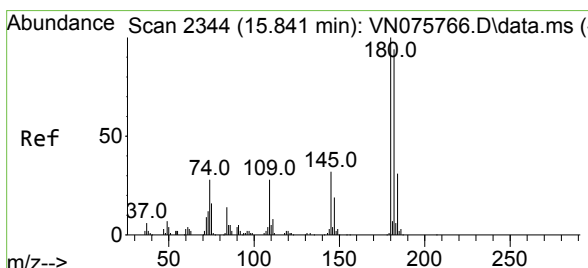
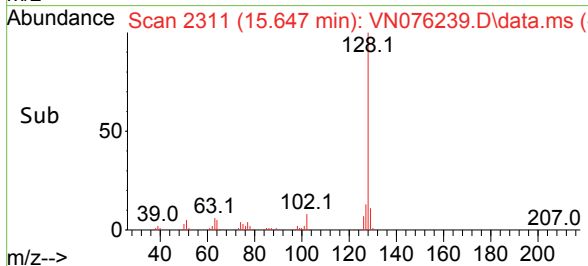
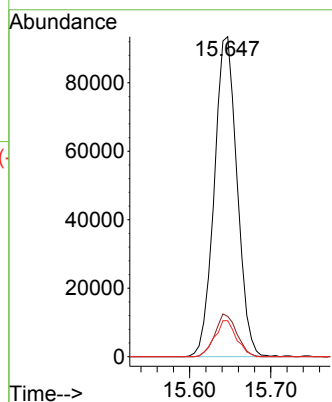
Tgt Ion:128 Resp: 182323

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 17.465 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Tgt Ion:180 Resp: 59534

Ion Ratio Lower Upper

180 100

182 96.3 47.0 141.0

145 31.5 16.0 47.9

