

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN012423\  
 Data File : VN076372.D  
 Acq On : 24 Jan 2023 10:40  
 Operator : JC\MD  
 Sample : VN0124MBL01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0124MBL01

Quant Time: Jan 25 00:33:38 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011623W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 17 03:59:22 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) Pentafluorobenzene         | 8.230          | 168  | 349339     | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.106          | 114  | 551653     | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.871         | 117  | 459537     | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.794         | 152  | 178892     | 50.000    | ug/l   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.583          | 65   | 194669     | 49.768    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = | 99.540%   |        |          |
| 35) Dibromofluoromethane      | 8.177          | 113  | 166815     | 48.341    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 96.680%   |        |          |
| 50) Toluene-d8                | 10.571         | 98   | 631407     | 49.544    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = | 99.080%   |        |          |
| 62) 4-Bromofluorobenzene      | 12.853         | 95   | 187936     | 45.172    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = | 90.340%   |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           |        |          |
|                               |                |      |            |           | Qvalue |          |
| 5) Bromomethane               | 2.977          | 94   | 1420       | 0.382     | ug/l   | 86       |
| 13) Acrolein                  | 4.189          | 56   | 175        | 0.280     | ug/l # | 15       |
| 15) Acrylonitrile             | 5.730          | 53   | 614        | 0.412     | ug/l # | 47       |
| 16) Acetone                   | 4.465          | 43   | 1158       | 0.850     | ug/l # | 41       |
| 17) Carbon Disulfide          | 4.724          | 76   | 2453       | 0.294     | ug/l # | 77       |
| 20) Methylene Chloride        | 5.289          | 84   | 1135       | Below Cal | #      | 78       |
| 25) 2-Butanone                | 7.524          | 43   | 906        | 0.473     | ug/l # | 40       |
| 30) Chloroform                | 7.971          | 83   | 3118       | 0.460     | ug/l # | 81       |
| 31) Cyclohexane               | 8.230          | 56   | 7429       | 1.236     | ug/l # | 11       |
| 36) 1,1-Dichloropropene       | 8.230          | 75   | 25662      | 5.233     | ug/l # | 49       |
| 38) Carbon Tetrachloride      | 8.230          | 117  | 35480      | 6.488     | ug/l # | 16       |
| 51) 4-Methyl-2-Pentanone      | 10.453         | 43   | 1765       | 0.470     | ug/l # | 84       |
| 59) 2-Hexanone                | 11.206         | 43   | 3903       | 1.434     | ug/l   | 91       |
| 65) Chlorobenzene             | 11.894         | 112  | 2191       | 0.226     | ug/l # | 87       |
| 68) m/p-Xylenes               | 12.082         | 106  | 1524       | 0.229     | ug/l   | 85       |
| 74) N-amyl acetate            | 12.494         | 43   | 1686       | 0.424     | ug/l # | 81       |
| 76) 1,2,3-Trichloropropane    | 12.853         | 75   | 99363      | 30.112    | ug/l # | 1        |
| 77) Bromobenzene              | 12.976         | 156  | 1148       | Below Cal |        | 96       |
| 78) n-propylbenzene           | 13.041         | 91   | 4058       | 0.260     | ug/l   | 94       |
| 79) 2-Chlorotoluene           | 13.135         | 91   | 1983       | 0.207     | ug/l   | 89       |
| 81) trans-1,4-Dichloro-2-b... | 12.853         | 75   | 99363      | 92.415    | ug/l # | 11       |
| 82) 4-Chlorotoluene           | 13.135         | 91   | 1983       | 0.207     | ug/l   | 89       |
| 84) 1,2,4-Trimethylbenzene    | 13.488         | 105  | 2587       | 0.223     | ug/l   | 95       |
| 85) sec-Butylbenzene          | 13.612         | 105  | 3084       | 0.216     | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.729         | 119  | 2900       | 0.246     | ug/l   | 89       |
| 87) 1,3-Dichlorobenzene       | 13.729         | 146  | 3847       | 0.590     | ug/l   | 93       |
| 88) 1,4-Dichlorobenzene       | 13.729         | 146  | 3847       | 0.720     | ug/l   | 93       |
| 89) n-Butylbenzene            | 14.059         | 91   | 5564       | 0.596     | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 14.112         | 146  | 3965       | 0.610     | ug/l   | 92       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723         | 75   | 402        | 0.581     | ug/l # | 41       |
| 93) 1,2,4-Trichlorobenzene    | 15.394         | 180  | 5188       | 2.915     | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 15.500         | 225  | 396        | 0.230     | ug/l   | 86       |
| 95) Naphthalene               | 15.641         | 128  | 23246      | 4.248     | ug/l   | 97       |
| 96) 1,2,3-Trichlorobenzene    | 15.847         | 180  | 6023       | 3.120     | ug/l   | 92       |
| -----                         |                |      |            |           |        |          |

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Data File : VN076372.D  
Acq On : 24 Jan 2023 10:40  
Operator : JC\MD  
Sample : VN0124MBL01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0124MBL01

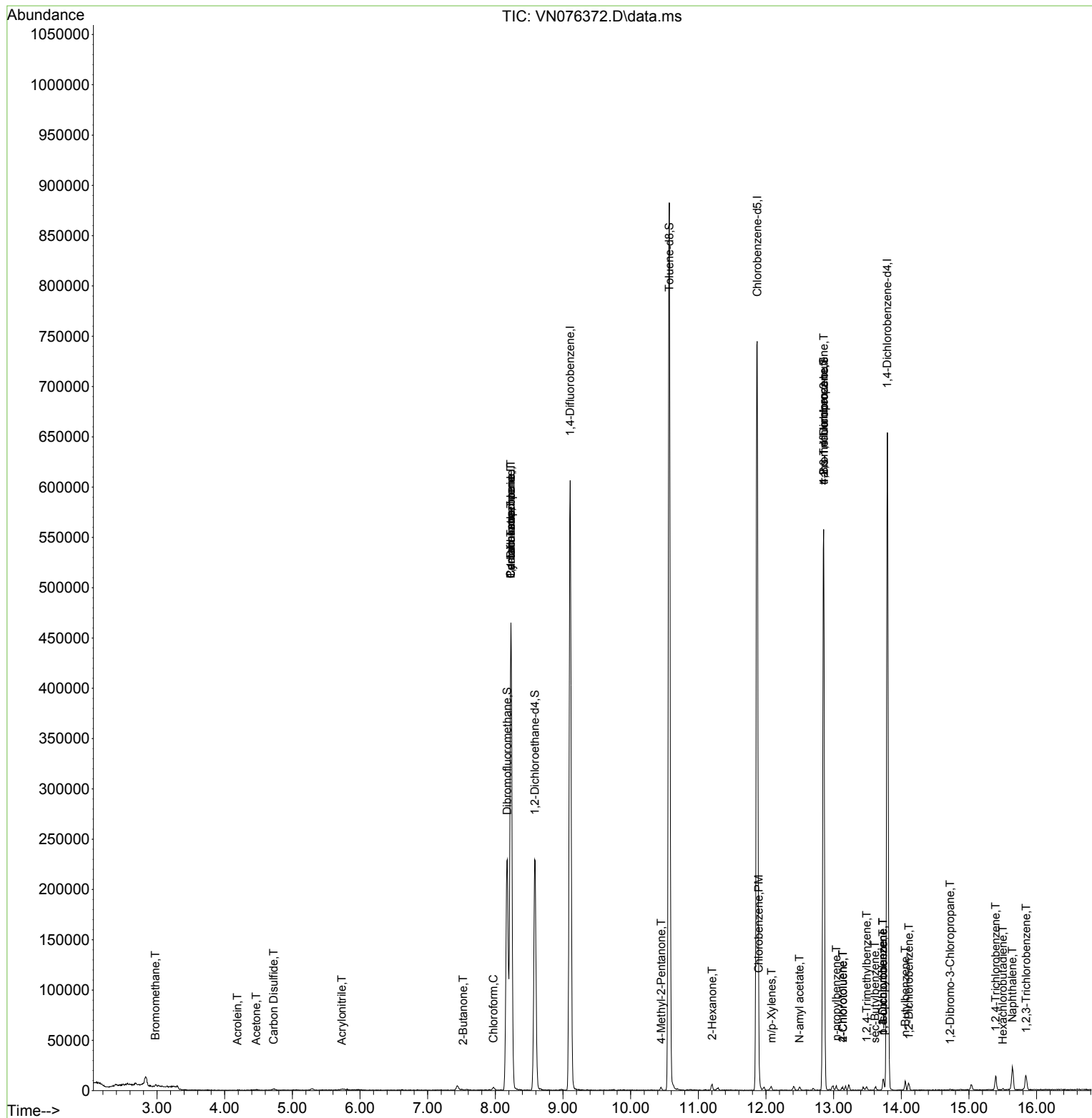
Quant Time: Jan 25 00:33:38 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011623W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 17 03:59:22 2023  
Response via : Initial Calibration

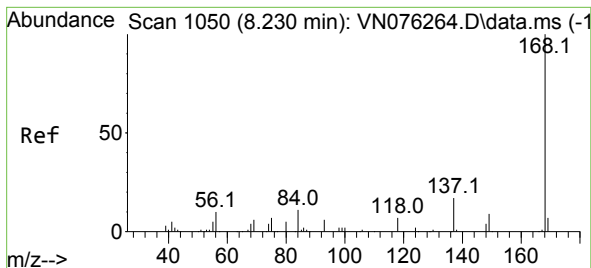
| Compound                                                             | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |

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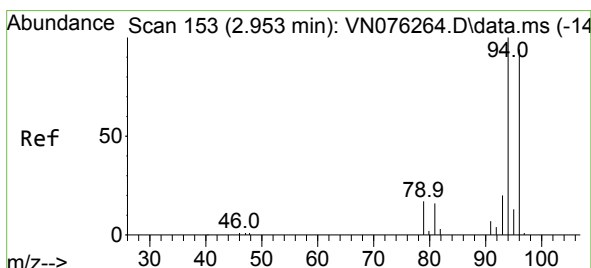
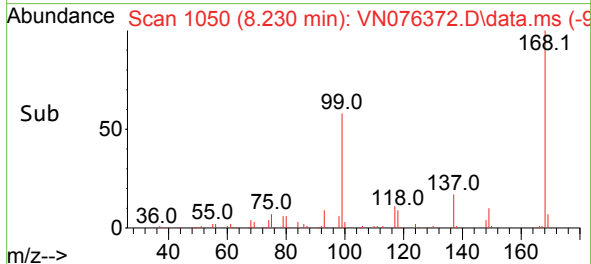
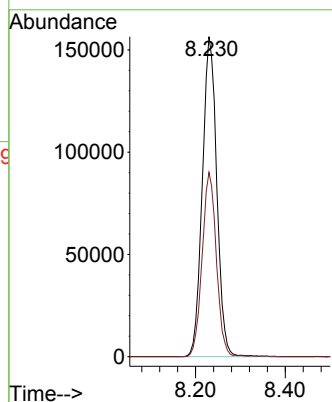
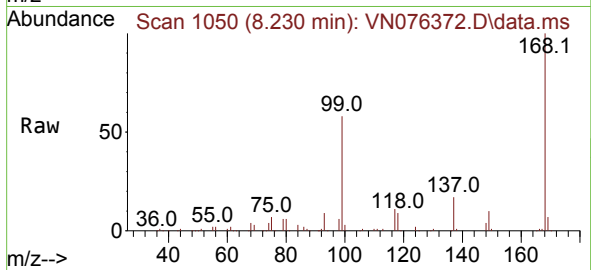




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1050  
Delta R.T. -0.000 min  
Lab File: VN076372.D  
Acq: 24 Jan 2023 10:40

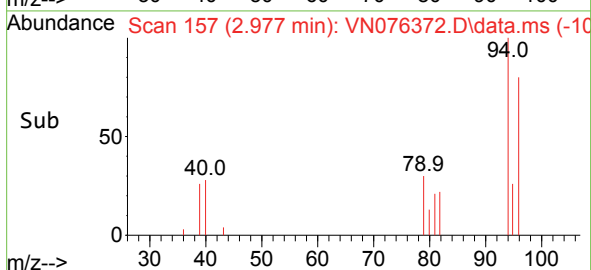
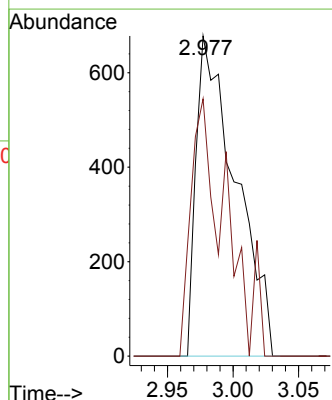
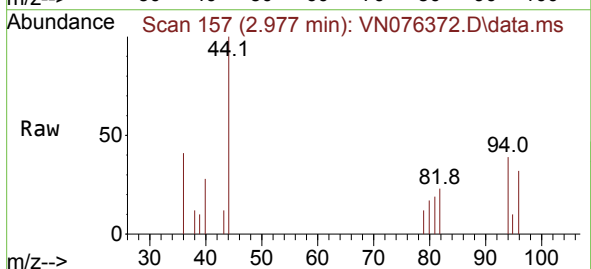
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0124MBL01

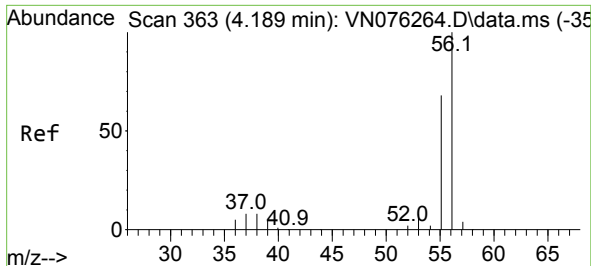
Tgt Ion:168 Resp: 349339  
Ion Ratio Lower Upper  
168 100  
99 57.6 41.6 62.4



#5  
Bromomethane  
Concen: 0.382 ug/l  
RT: 2.977 min Scan# 157  
Delta R.T. 0.024 min  
Lab File: VN076372.D  
Acq: 24 Jan 2023 10:40

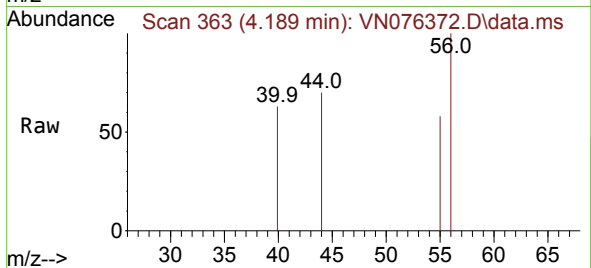
Tgt Ion: 94 Resp: 1420  
Ion Ratio Lower Upper  
94 100  
96 80.4 75.1 112.7



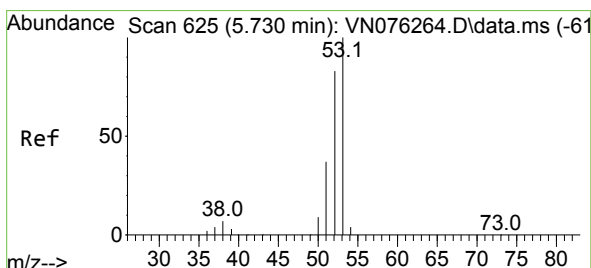
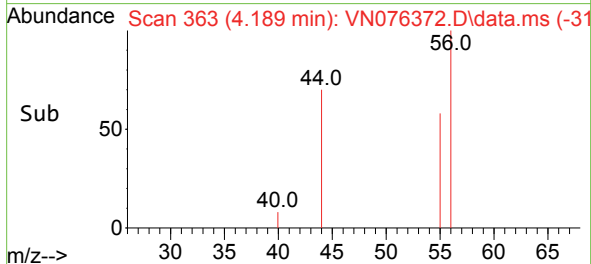
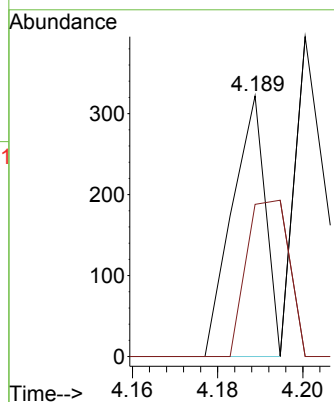


#13  
Acrolein  
Concen: 0.280 ug/l  
RT: 4.189 min Scan# 363  
Delta R.T. -0.000 min  
Lab File: VN076372.D  
Acq: 24 Jan 2023 10:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0124MBL01

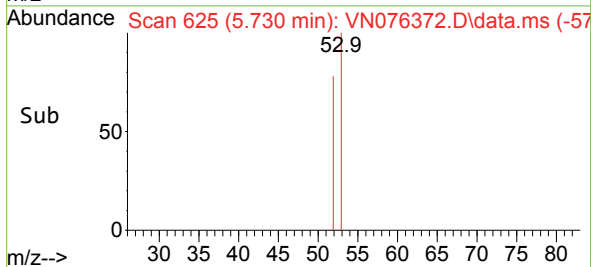
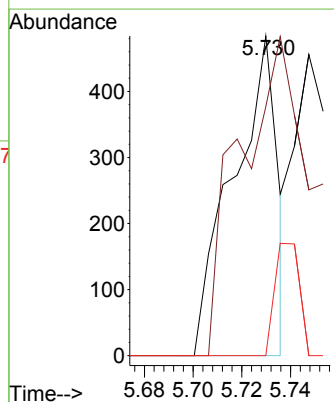
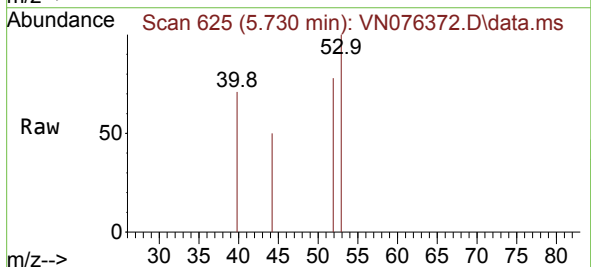


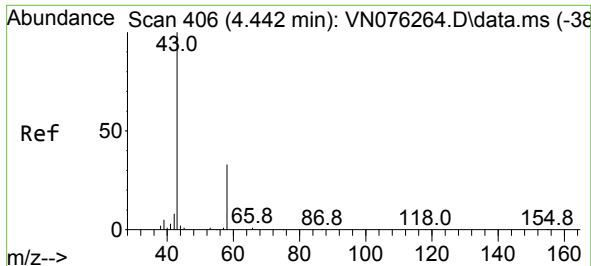
Tgt Ion: 56 Resp: 175  
Ion Ratio Lower Upper  
56 100  
55 0.0 55.8 83.6#



#15  
Acrylonitrile  
Concen: 0.412 ug/l  
RT: 5.730 min Scan# 625  
Delta R.T. -0.000 min  
Lab File: VN076372.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 53 Resp: 614  
Ion Ratio Lower Upper  
53 100  
52 137.3 64.7 97.1#  
51 19.5 29.2 43.8#

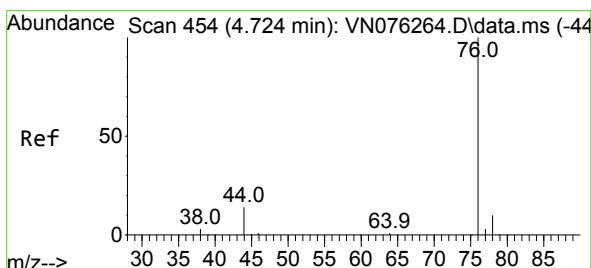
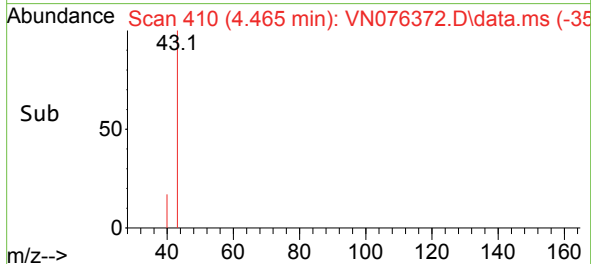
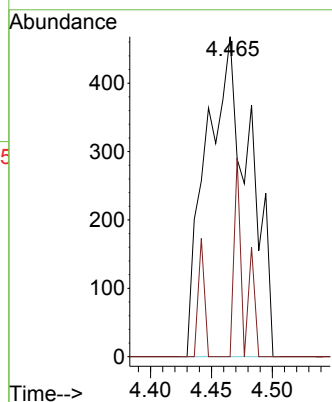
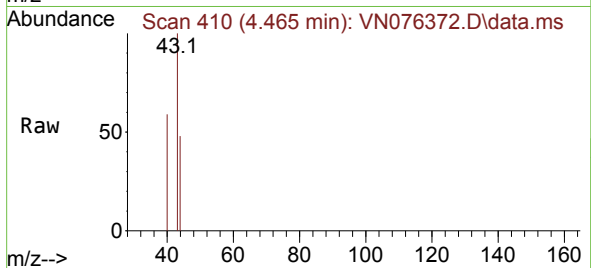




#16  
Acetone  
Concen: 0.850 ug/l  
RT: 4.465 min Scan# 410  
Delta R.T. 0.023 min  
Lab File: VN076372.D  
Acq: 24 Jan 2023 10:40

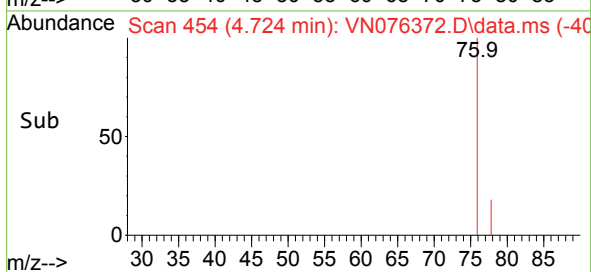
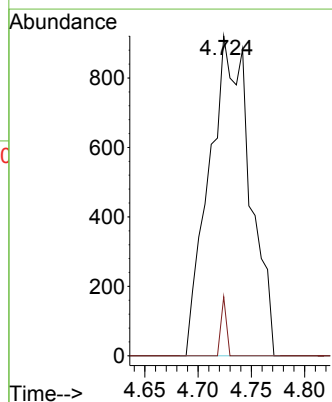
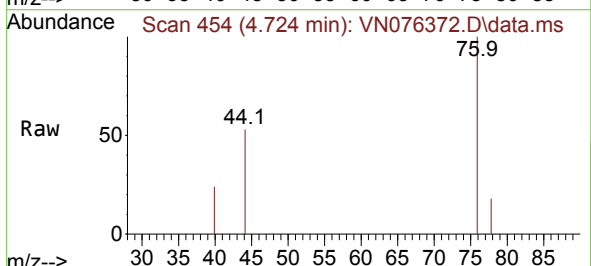
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0124MBL01

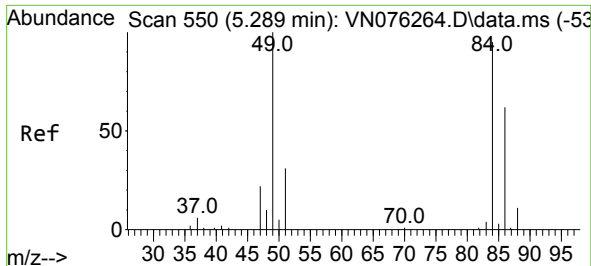
Tgt Ion: 43 Resp: 1158  
Ion Ratio Lower Upper  
43 100  
58 0.0 26.7 40.1#



#17  
Carbon Disulfide  
Concen: 0.294 ug/l  
RT: 4.724 min Scan# 454  
Delta R.T. 0.000 min  
Lab File: VN076372.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 76 Resp: 2453  
Ion Ratio Lower Upper  
76 100  
78 18.5 8.0 12.0#

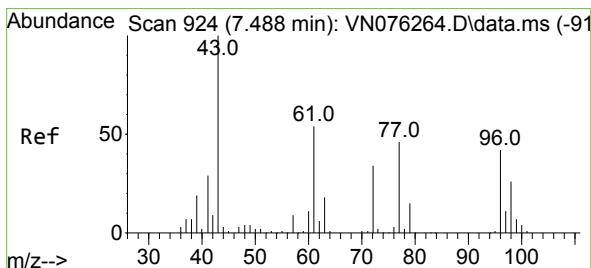
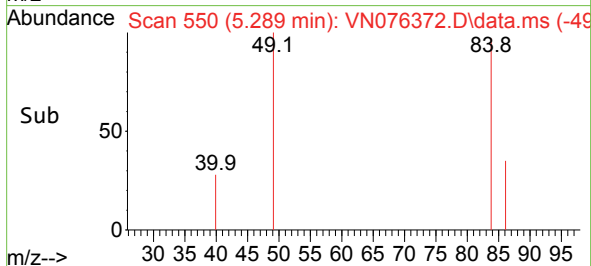
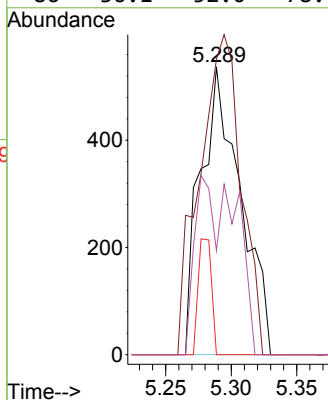
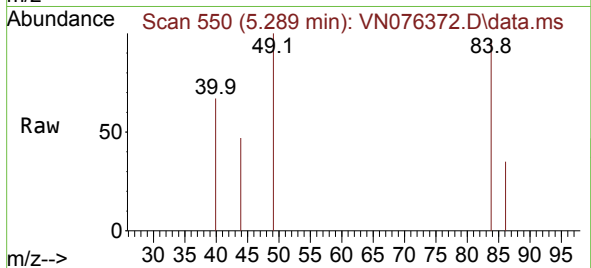




#20  
Methylene Chloride  
Concen: Below Cal  
RT: 5.289 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VN076372.D  
Acq: 24 Jan 2023 10:40

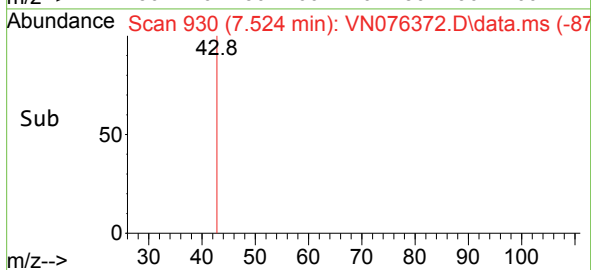
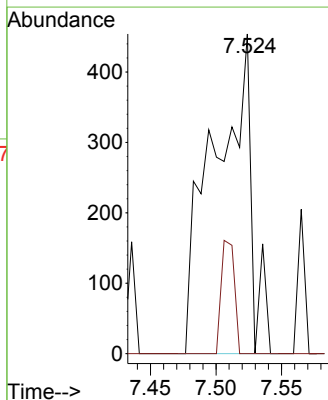
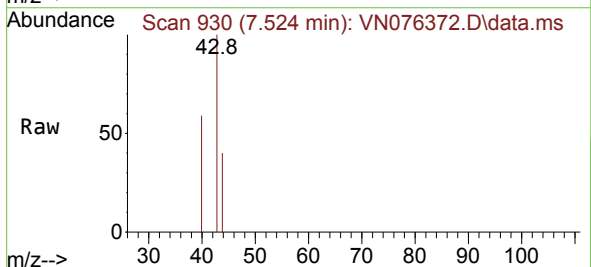
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0124MBL01

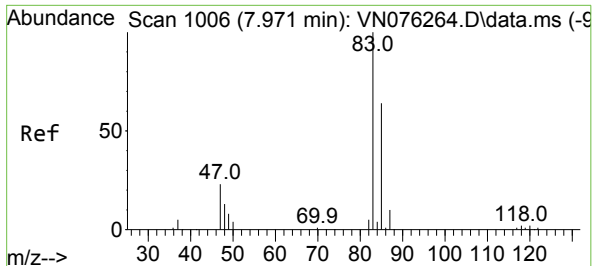
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 1135  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 102.6 | 84.5  | 126.7 |
| 51       | 0.0   | 26.0  | 39.0# |
| 86       | 36.1  | 52.0  | 78.0# |



#25  
2-Butanone  
Concen: 0.473 ug/l  
RT: 7.524 min Scan# 930  
Delta R.T. 0.036 min  
Lab File: VN076372.D  
Acq: 24 Jan 2023 10:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 906   |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 0.0   | 27.4  | 41.2# |

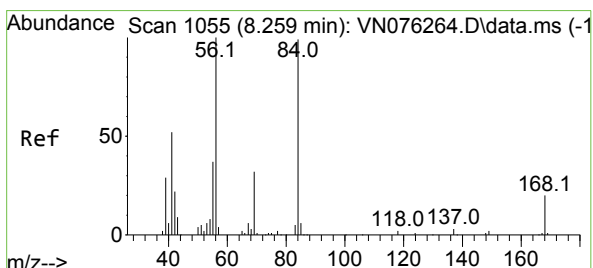
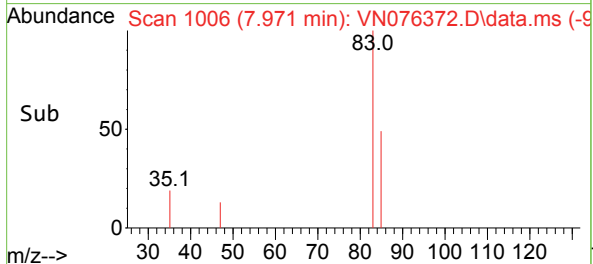
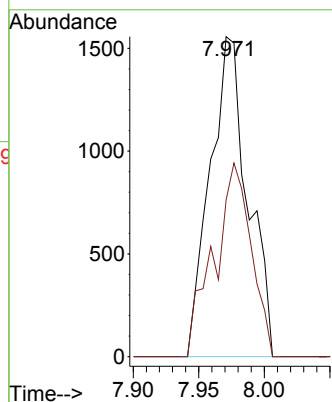
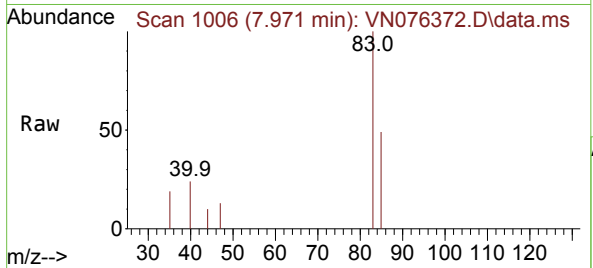




#30  
Chloroform  
Concen: 0.460 ug/l  
RT: 7.971 min Scan# 1006  
Delta R.T. -0.000 min  
Lab File: VN076372.D  
Acq: 24 Jan 2023 10:40

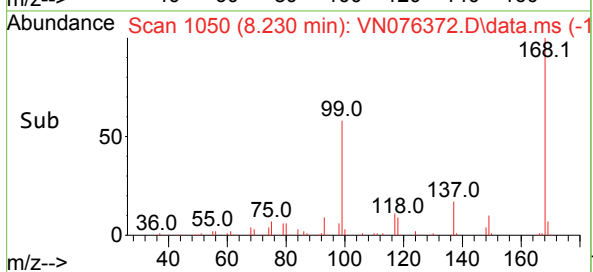
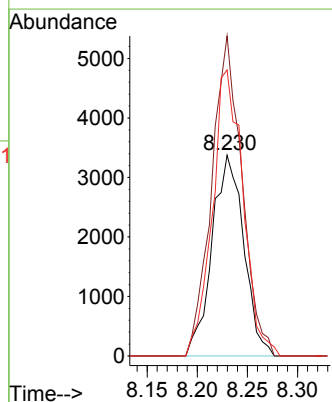
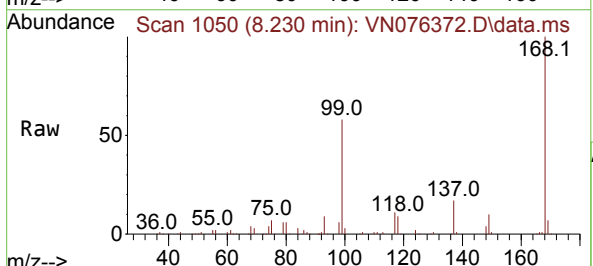
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0124MBL01

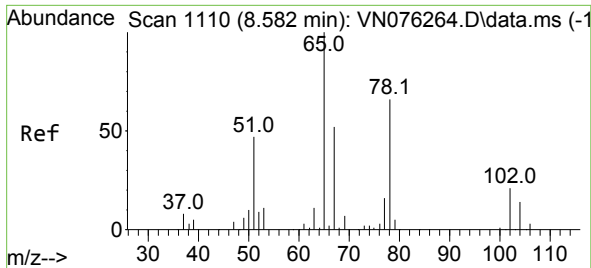
Tgt Ion: 83 Resp: 3118  
Ion Ratio Lower Upper  
83 100  
85 49.0 51.0 76.6#



#31  
Cyclohexane  
Concen: 1.236 ug/l  
RT: 8.230 min Scan# 1050  
Delta R.T. -0.029 min  
Lab File: VN076372.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 56 Resp: 7429  
Ion Ratio Lower Upper  
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69 159.4 25.8 38.8#  
84 142.6 79.0 118.4#

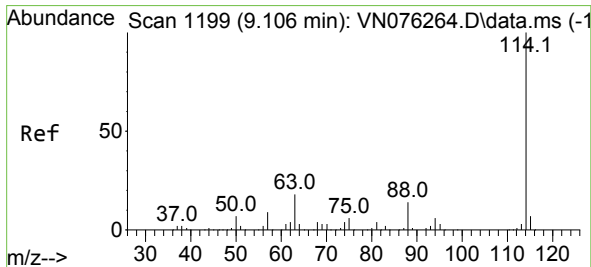
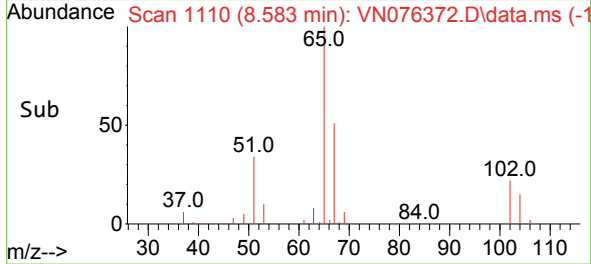
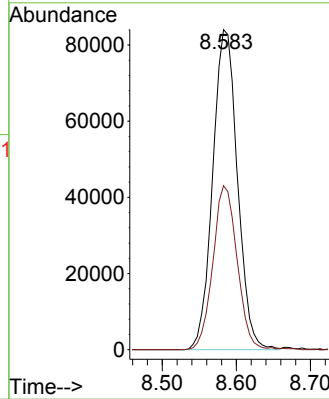
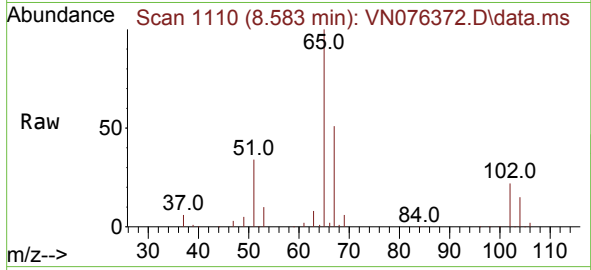




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.768 ug/l  
 RT: 8.583 min Scan# 1110  
 Delta R.T. 0.001 min  
 Lab File: VN076372.D  
 Acq: 24 Jan 2023 10:40

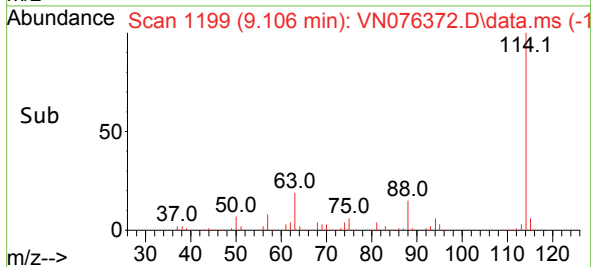
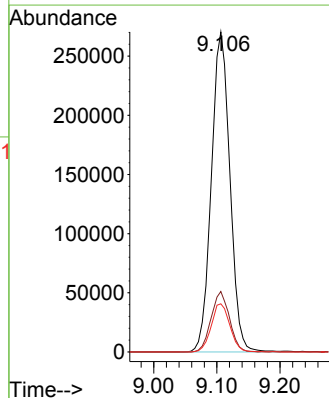
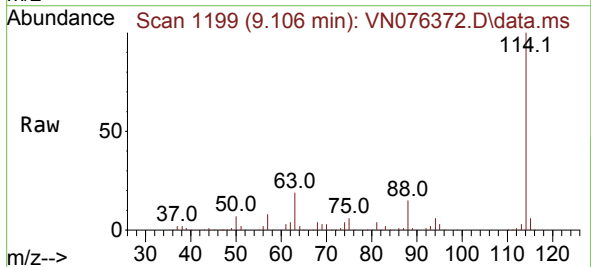
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0124MBL01

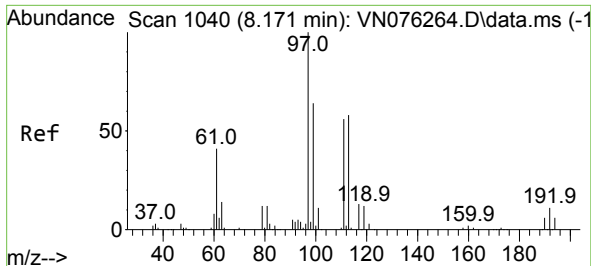
Tgt Ion: 65 Resp: 194669  
 Ion Ratio Lower Upper  
 65 100  
 67 50.4 0.0 104.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.106 min Scan# 1199  
 Delta R.T. 0.000 min  
 Lab File: VN076372.D  
 Acq: 24 Jan 2023 10:40

Tgt Ion: 114 Resp: 551653  
 Ion Ratio Lower Upper  
 114 100  
 63 18.9 0.0 35.8  
 88 15.0 0.0 28.0

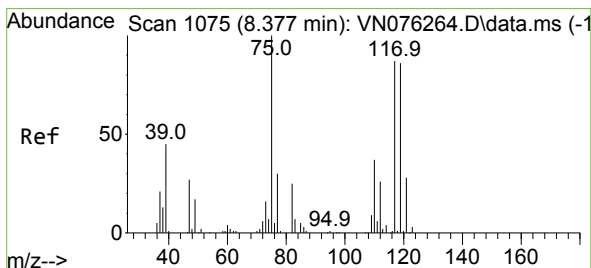
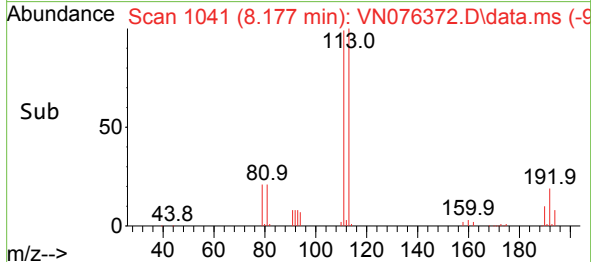
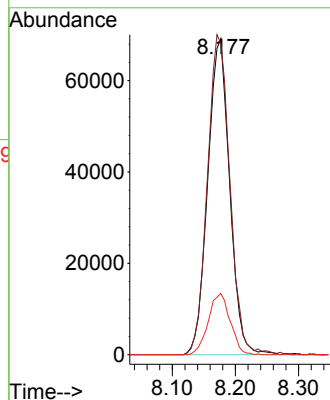
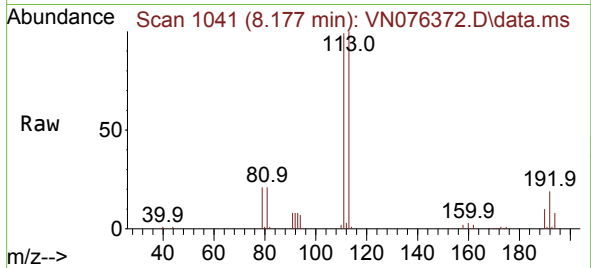




#35  
Dibromofluoromethane  
Concen: 48.341 ug/l  
RT: 8.177 min Scan# 1040  
Delta R.T. 0.006 min  
Lab File: VN076372.D  
Acq: 24 Jan 2023 10:40

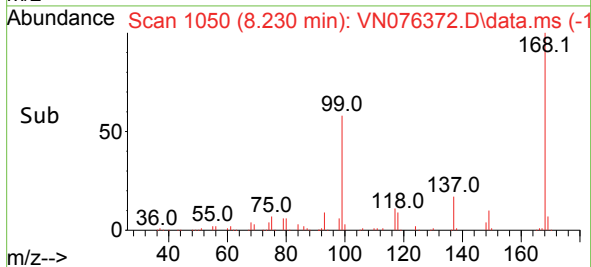
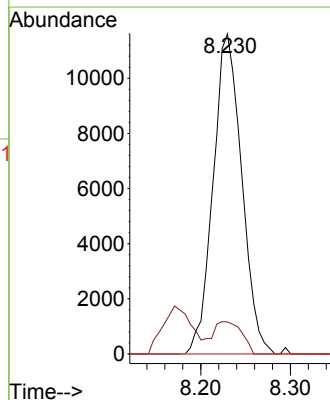
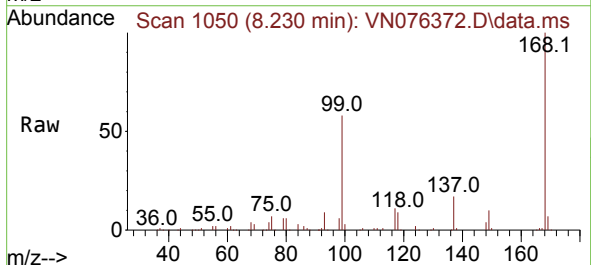
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0124MBL01

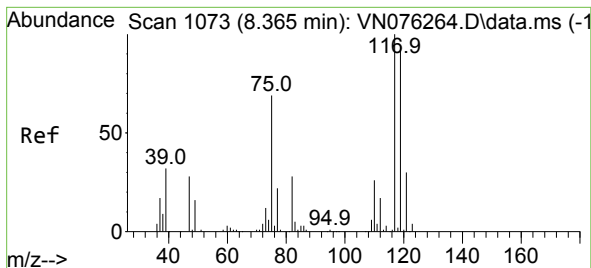
Tgt Ion:113 Resp: 166815  
Ion Ratio Lower Upper  
113 100  
111 103.6 82.7 124.1  
192 19.4 15.6 23.4



#36  
1,1-Dichloropropene  
Concen: 5.233 ug/l  
RT: 8.230 min Scan# 1050  
Delta R.T. -0.147 min  
Lab File: VN076372.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 75 Resp: 25662  
Ion Ratio Lower Upper  
75 100  
110 9.8 18.8 56.3#  
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.488 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.135 min

Lab File: VN076372.D

Acq: 24 Jan 2023 10:40

Instrument :

MSVOA\_N

ClientSampleId :

VN0124MBL01

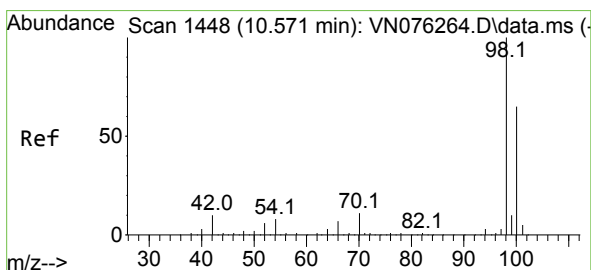
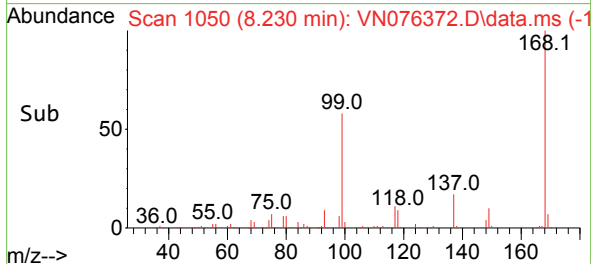
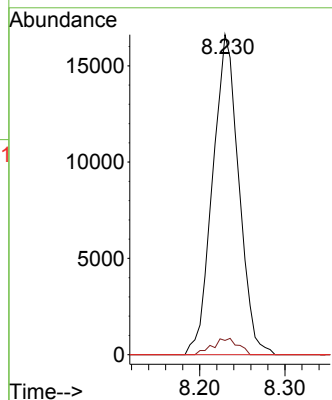
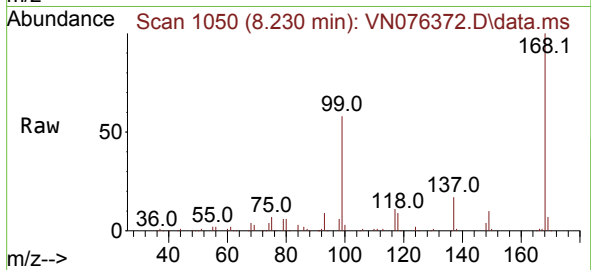
Tgt Ion:117 Resp: 35480

Ion Ratio Lower Upper

117 100

119 4.4 75.4 113.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 49.544 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076372.D

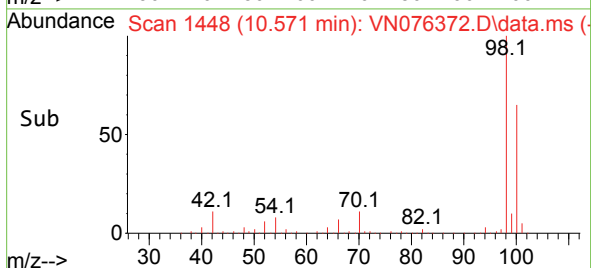
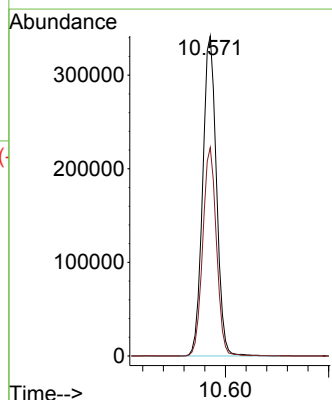
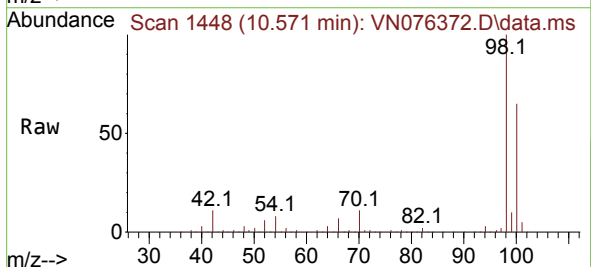
Acq: 24 Jan 2023 10:40

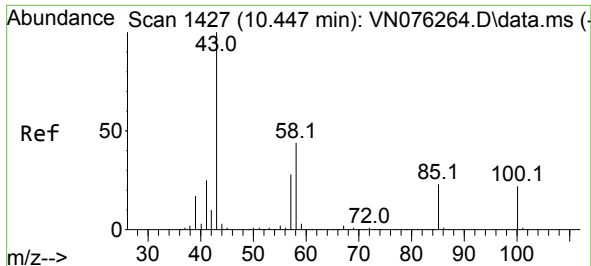
Tgt Ion: 98 Resp: 631407

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.4

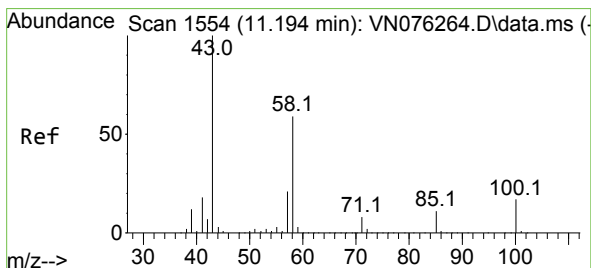
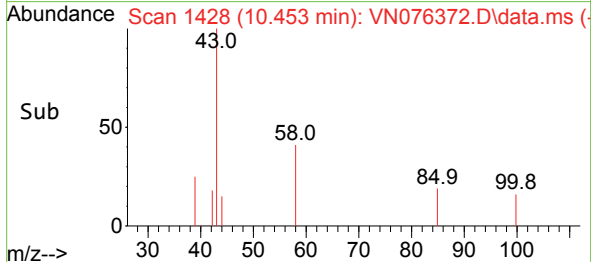
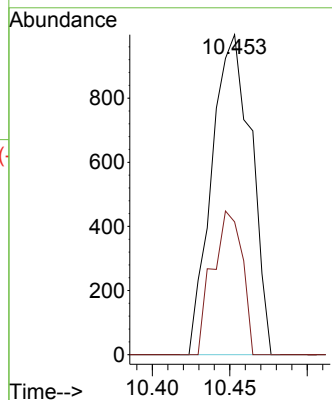
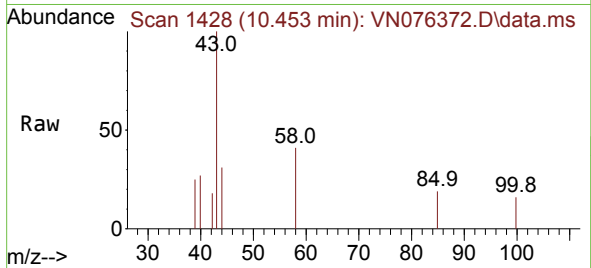




#51  
4-Methyl-2-Pentanone  
Concen: 0.470 ug/l  
RT: 10.453 min Scan# 1428  
Delta R.T. 0.006 min  
Lab File: VN076372.D  
Acq: 24 Jan 2023 10:40

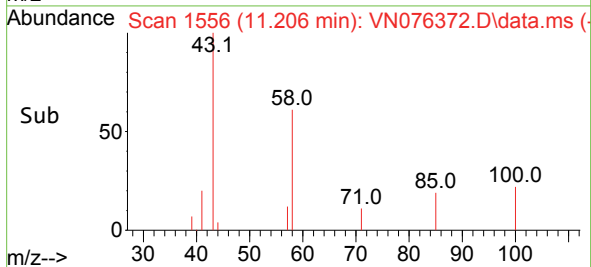
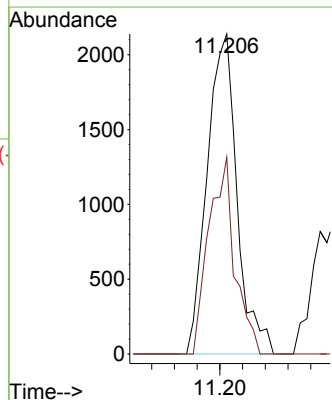
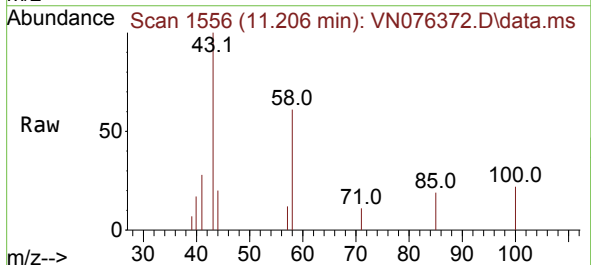
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0124MBL01

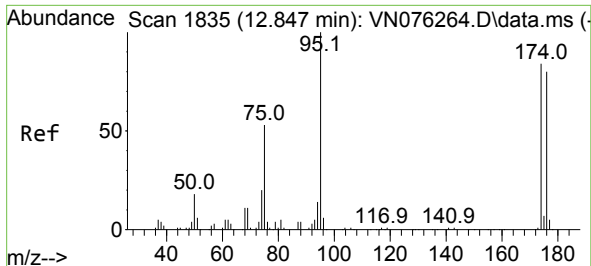
Tgt Ion: 43 Resp: 1765  
Ion Ratio Lower Upper  
43 100  
58 33.8 35.1 52.7#



#59  
2-Hexanone  
Concen: 1.434 ug/l  
RT: 11.206 min Scan# 1556  
Delta R.T. 0.012 min  
Lab File: VN076372.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 43 Resp: 3903  
Ion Ratio Lower Upper  
43 100  
58 53.6 30.1 90.3

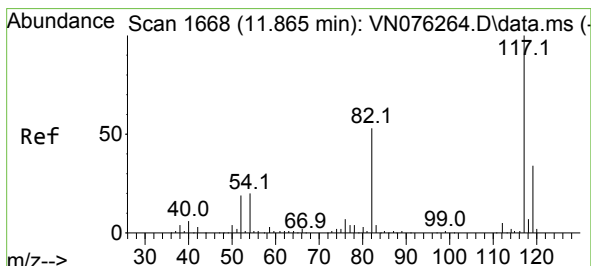
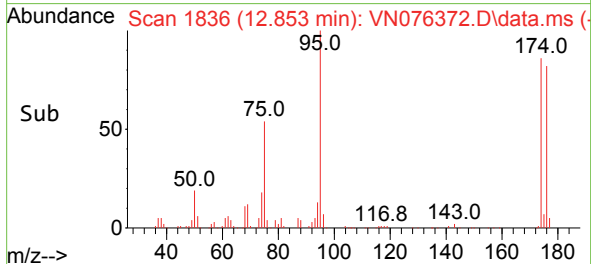
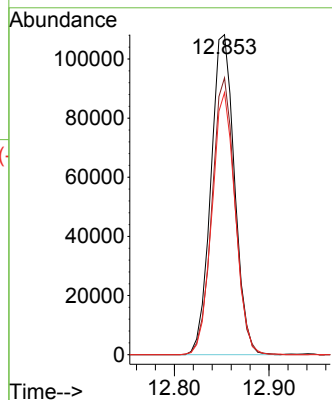
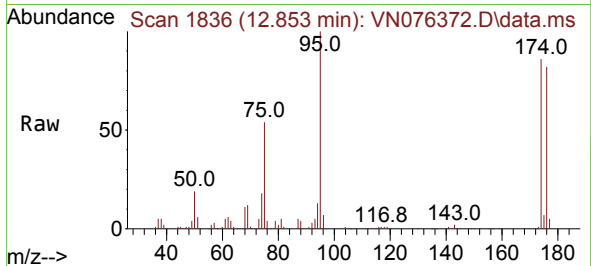




#62  
4-Bromofluorobenzene  
Concen: 45.172 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. 0.006 min  
Lab File: VN076372.D  
Acq: 24 Jan 2023 10:40

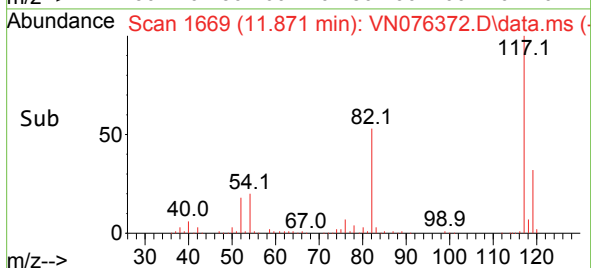
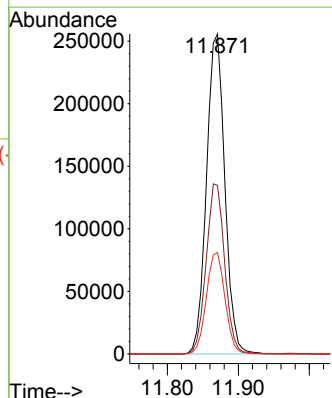
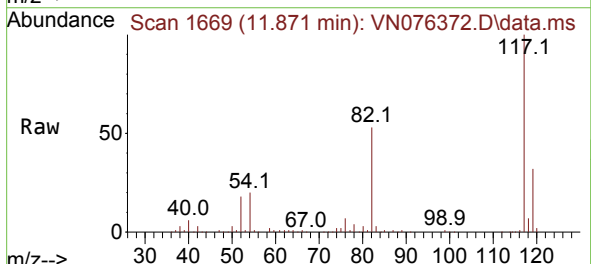
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0124MBL01

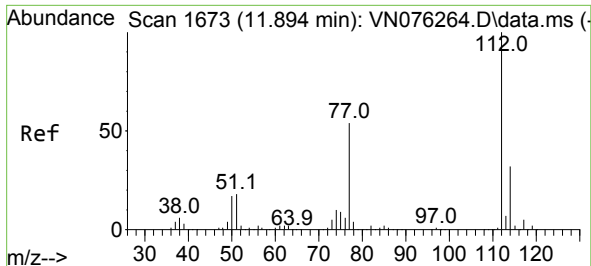
Tgt Ion: 95 Resp: 187936  
Ion Ratio Lower Upper  
95 100  
174 84.2 0.0 174.6  
176 80.6 0.0 167.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1669  
Delta R.T. 0.006 min  
Lab File: VN076372.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 117 Resp: 459537  
Ion Ratio Lower Upper  
117 100  
82 52.7 42.2 63.2  
119 31.7 26.9 40.3

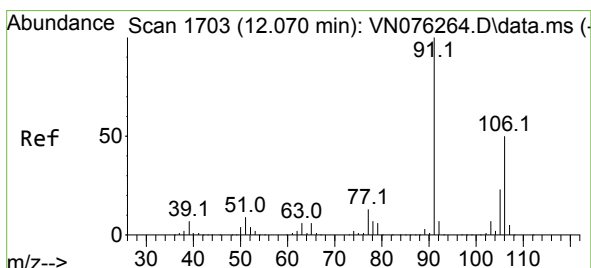
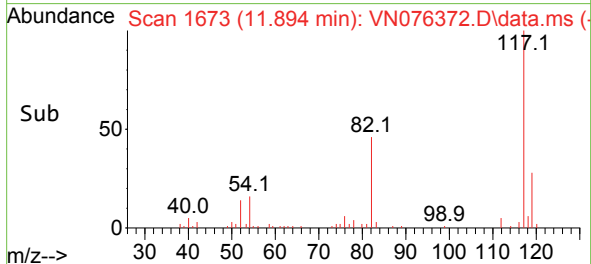
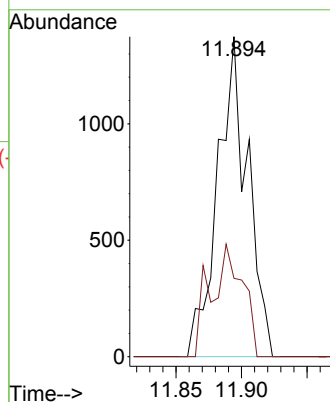
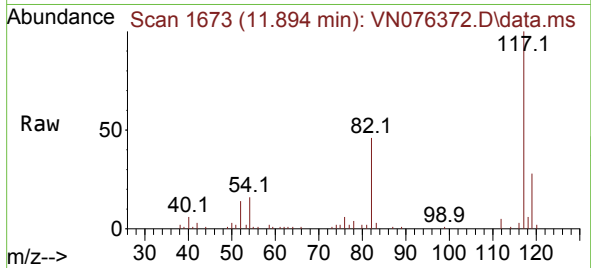




#65  
Chlorobenzene  
Concen: 0.226 ug/l  
RT: 11.894 min Scan# 1170  
Delta R.T. 0.000 min  
Lab File: VN076372.D  
Acq: 24 Jan 2023 10:40

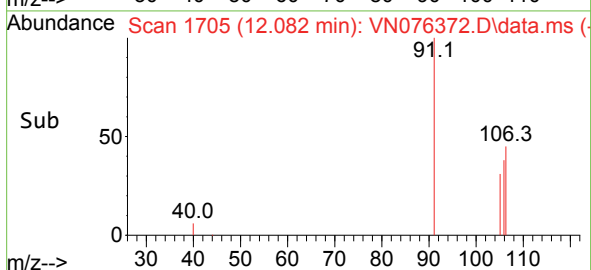
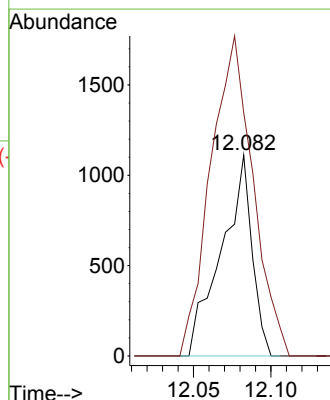
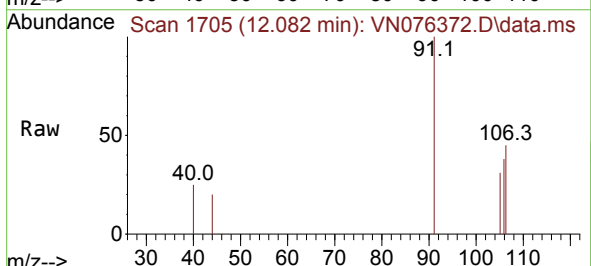
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0124MBL01

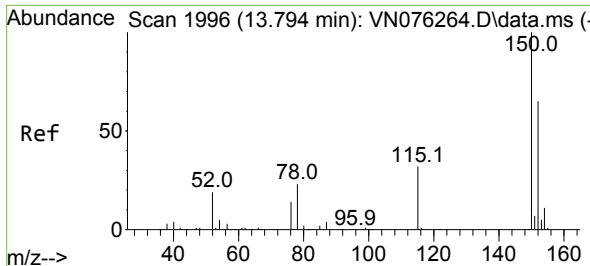
Tgt Ion:112 Resp: 2191  
Ion Ratio Lower Upper  
112 100  
114 24.5 25.3 37.9#



#68  
m/p-Xylenes  
Concen: 0.229 ug/l  
RT: 12.082 min Scan# 1705  
Delta R.T. 0.012 min  
Lab File: VN076372.D  
Acq: 24 Jan 2023 10:40

Tgt Ion:106 Resp: 1524  
Ion Ratio Lower Upper  
106 100  
91 220.0 157.5 236.3

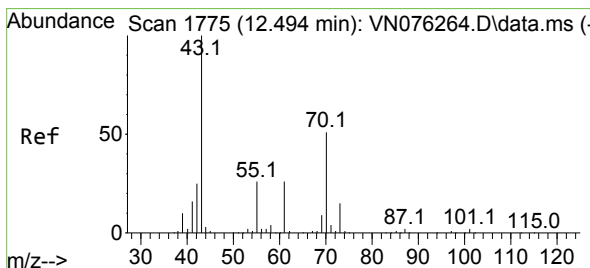
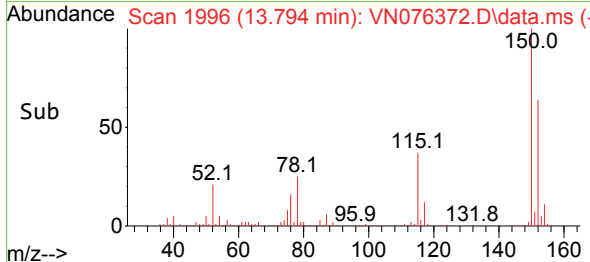
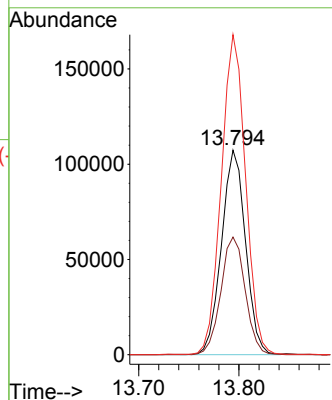
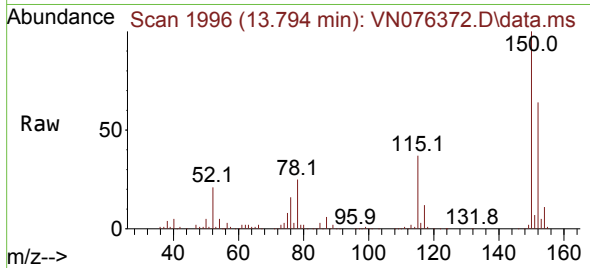




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 1996  
Delta R.T. 0.000 min  
Lab File: VN076372.D  
Acq: 24 Jan 2023 10:40

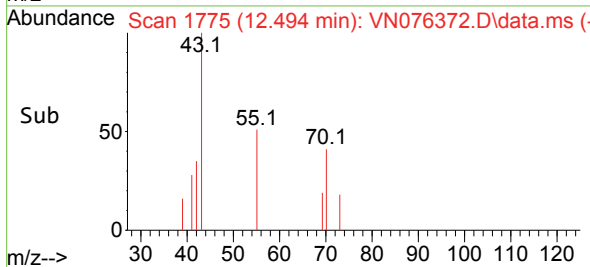
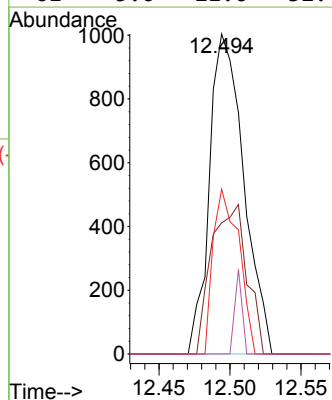
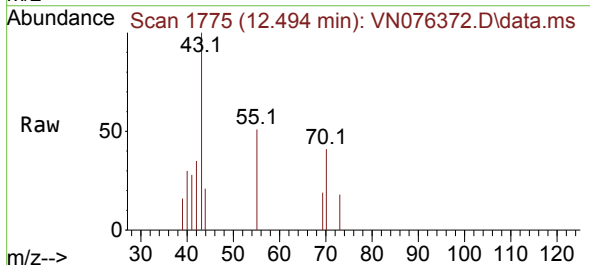
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0124MBL01

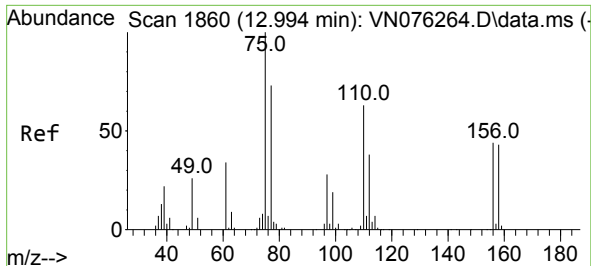
Tgt Ion:152 Resp: 178892  
Ion Ratio Lower Upper  
152 100  
115 58.1 29.6 88.9  
150 158.0 0.0 351.4



#74  
N-ethyl acetate  
Concen: 0.424 ug/l  
RT: 12.494 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VN076372.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 43 Resp: 1686  
Ion Ratio Lower Upper  
43 100  
70 48.2 41.2 61.8  
55 38.7 21.0 31.6#  
61 5.6 21.6 32.4#

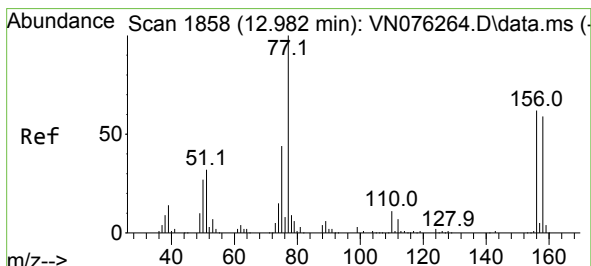
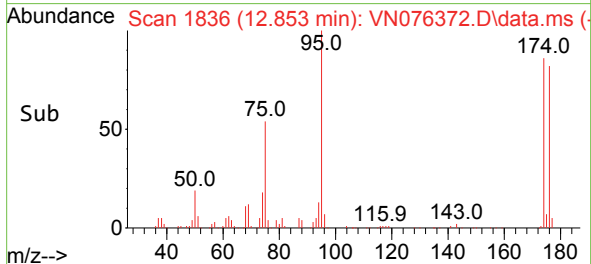
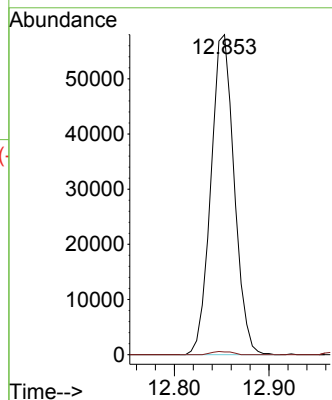
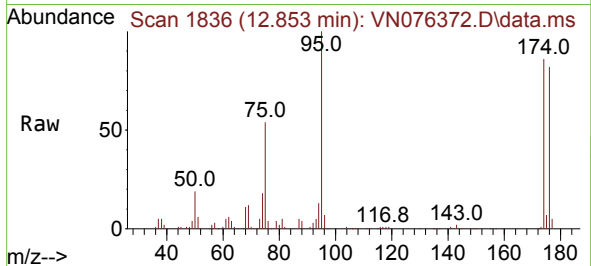




#76  
1,2,3-Trichloropropane  
Concen: 30.112 ug/l  
RT: 12.853 min Scan# 11  
Delta R.T. -0.141 min  
Lab File: VN076372.D  
Acq: 24 Jan 2023 10:40

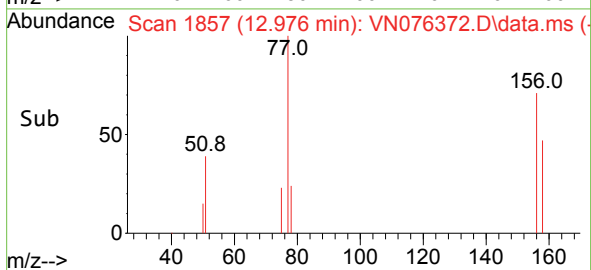
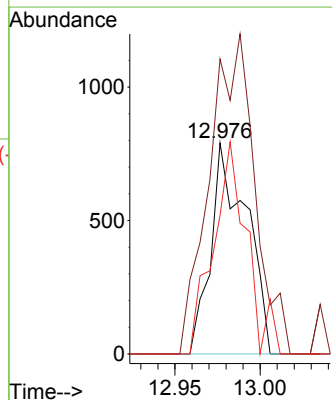
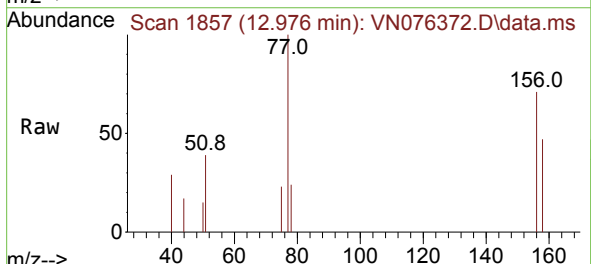
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0124MBL01

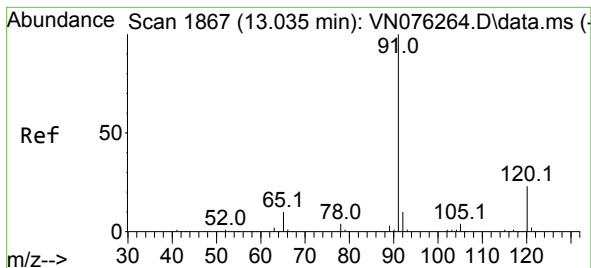
Tgt Ion: 75 Resp: 99363  
Ion Ratio Lower Upper  
75 100  
77 0.9 75.2 225.6#



#77  
Bromobenzene  
Concen: Below Cal  
RT: 12.976 min Scan# 1857  
Delta R.T. -0.006 min  
Lab File: VN076372.D  
Acq: 24 Jan 2023 10:40

Tgt Ion:156 Resp: 1148  
Ion Ratio Lower Upper  
156 100  
77 192.9 93.4 280.2  
158 94.4 48.4 145.2





#78

n-propylbenzene

Concen: 0.260 ug/l

RT: 13.041 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VN076372.D

Acq: 24 Jan 2023 10:40

Instrument :

MSVOA\_N

ClientSampleId :

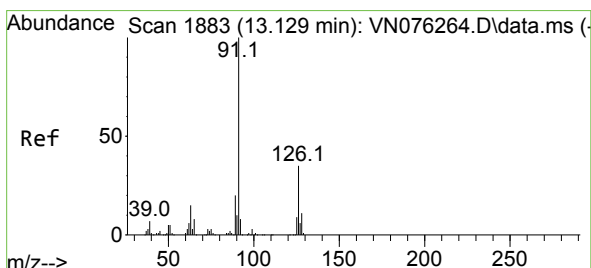
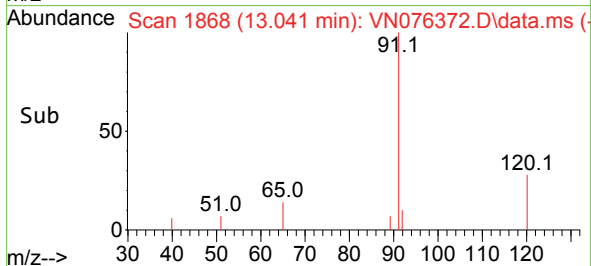
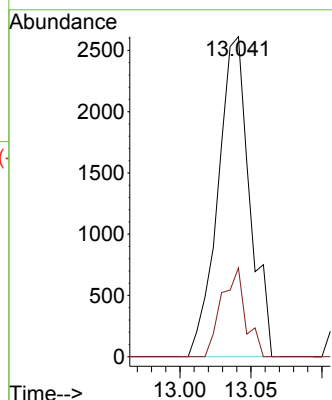
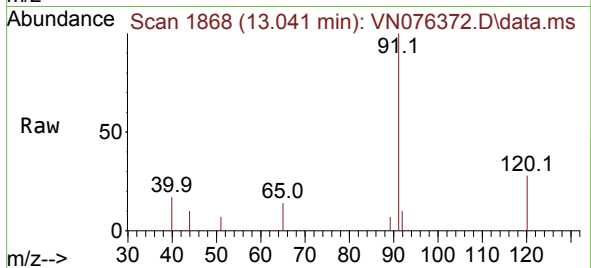
VN0124MBL01

Tgt Ion: 91 Resp: 4058

Ion Ratio Lower Upper

91 100

120 20.8 11.9 35.5



#79

2-Chlorotoluene

Concen: 0.207 ug/l

RT: 13.135 min Scan# 1884

Delta R.T. 0.006 min

Lab File: VN076372.D

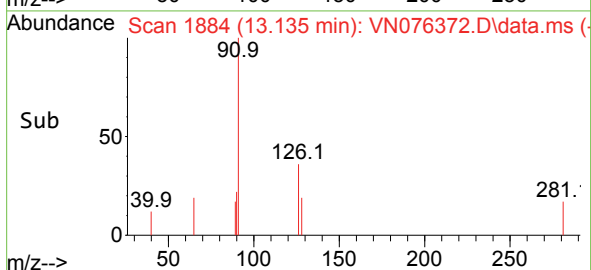
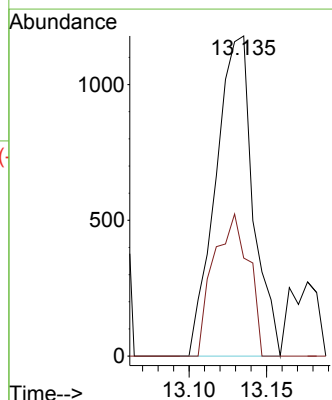
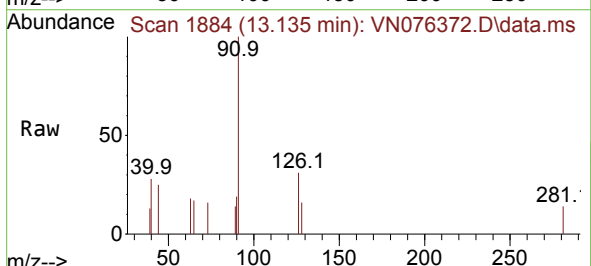
Acq: 24 Jan 2023 10:40

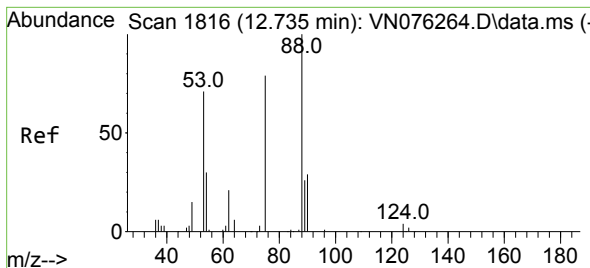
Tgt Ion: 91 Resp: 1983

Ion Ratio Lower Upper

91 100

126 41.4 17.4 52.2

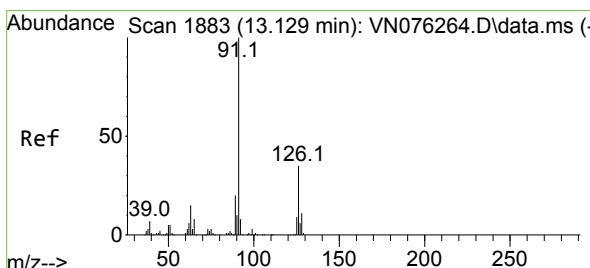
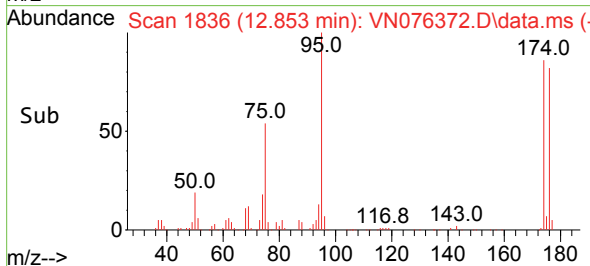
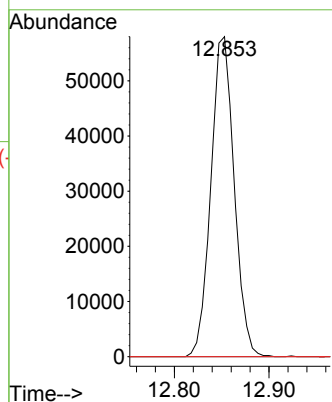
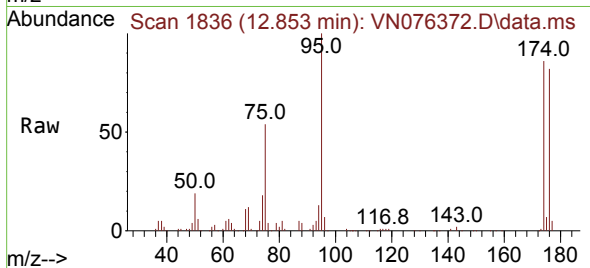




#81  
trans-1,4-Dichloro-2-butene  
Concen: 92.415 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. 0.118 min  
Lab File: VN076372.D  
Acq: 24 Jan 2023 10:40

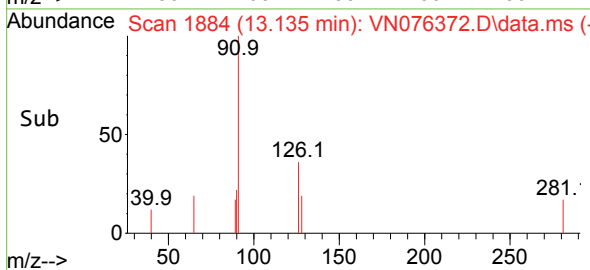
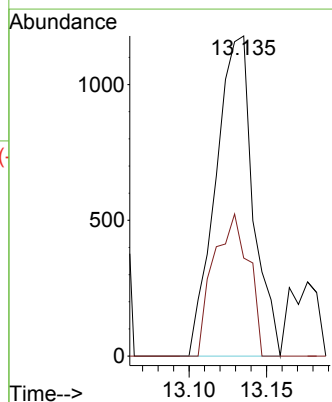
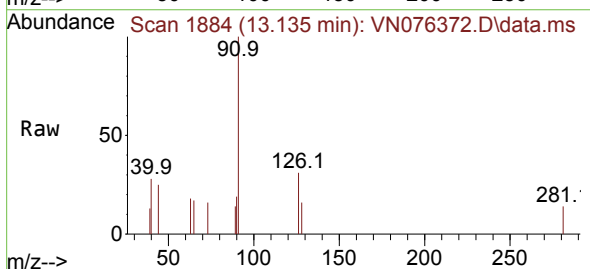
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0124MBL01

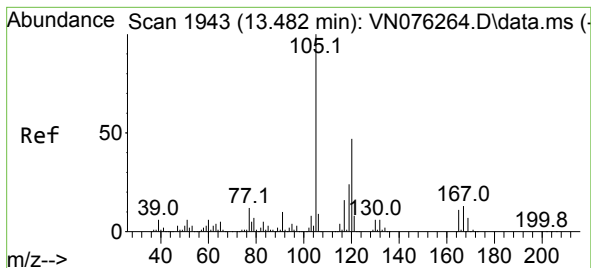
Tgt Ion: 75 Resp: 99363  
Ion Ratio Lower Upper  
75 100  
53 0.0 75.8 113.8#  
89 0.0 37.0 55.6#



#82  
4-Chlorotoluene  
Concen: 0.207 ug/l  
RT: 13.135 min Scan# 1884  
Delta R.T. 0.006 min  
Lab File: VN076372.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 91 Resp: 1983  
Ion Ratio Lower Upper  
91 100  
126 41.4 17.4 52.2





#84

1,2,4-Trimethylbenzene

Concen: 0.223 ug/l

RT: 13.488 min Scan# 1943

Delta R.T. 0.006 min

Lab File: VN076372.D

Acq: 24 Jan 2023 10:40

Instrument :

MSVOA\_N

ClientSampleId :

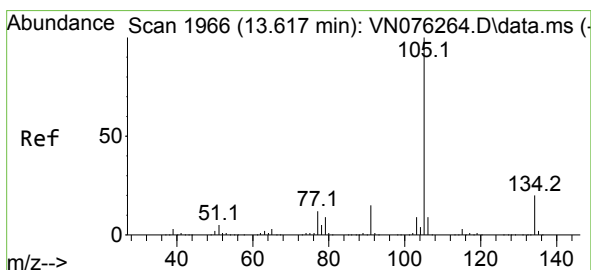
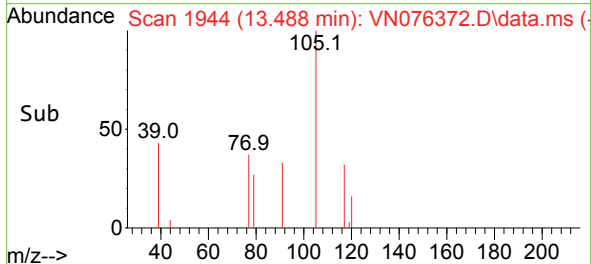
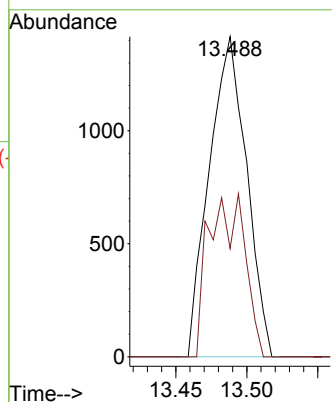
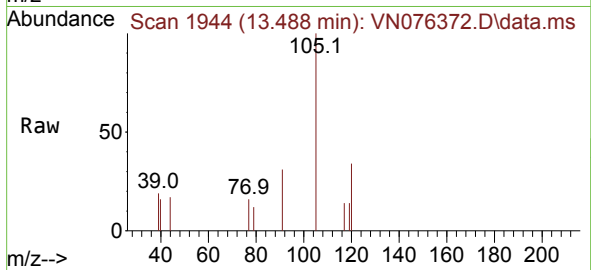
VN0124MBL01

Tgt Ion:105 Resp: 2587

Ion Ratio Lower Upper

105 100

120 49.0 22.9 68.5



#85

sec-Butylbenzene

Concen: 0.216 ug/l

RT: 13.612 min Scan# 1965

Delta R.T. -0.005 min

Lab File: VN076372.D

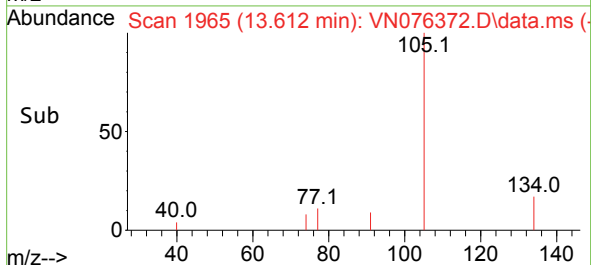
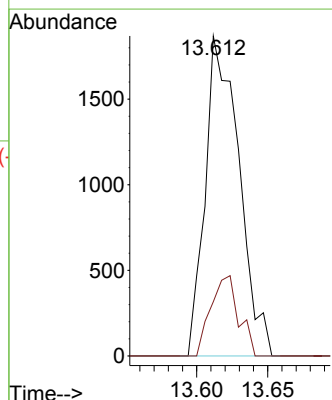
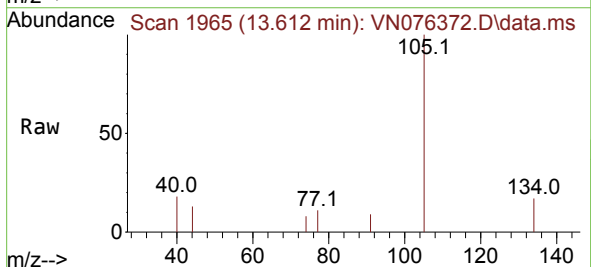
Acq: 24 Jan 2023 10:40

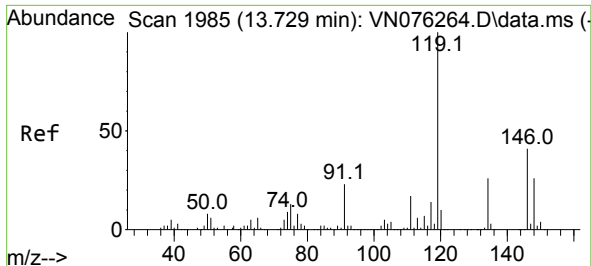
Tgt Ion:105 Resp: 3084

Ion Ratio Lower Upper

105 100

134 20.7 10.3 30.8

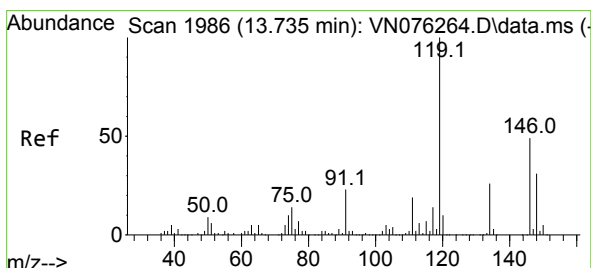
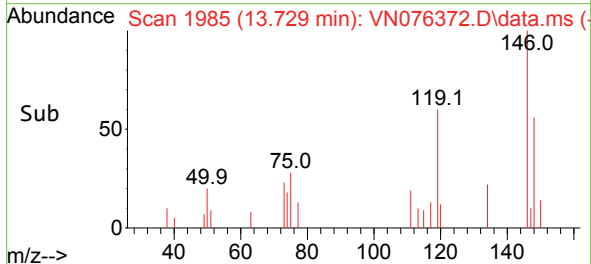
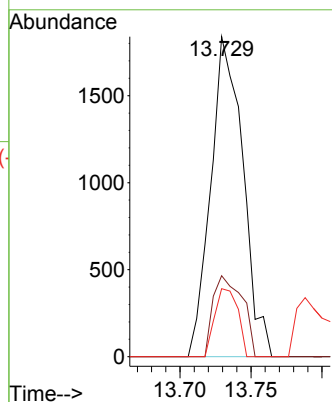
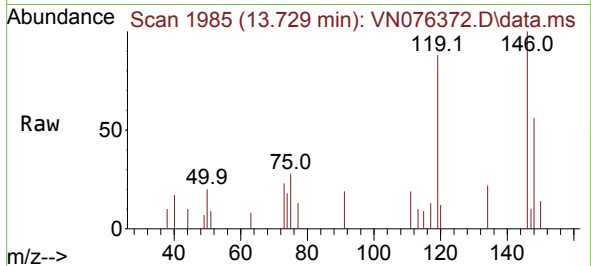




#86  
 p-Isopropyltoluene  
 Concen: 0.246 ug/l  
 RT: 13.729 min Scan# 1985  
 Delta R.T. 0.000 min  
 Lab File: VN076372.D  
 Acq: 24 Jan 2023 10:40

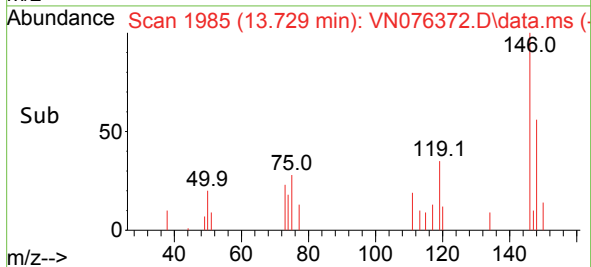
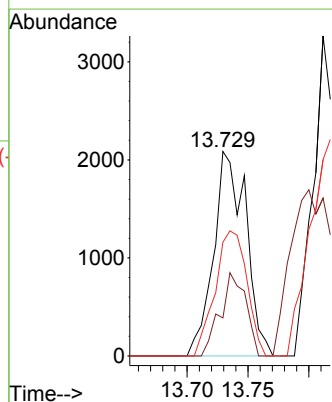
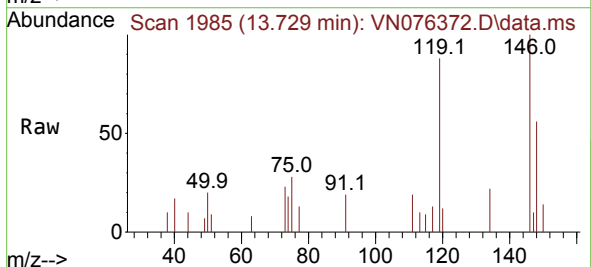
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0124MBL01

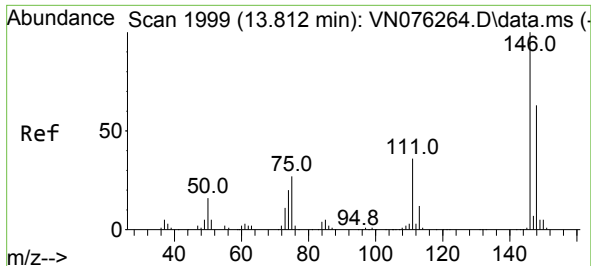
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 119   | Resp: | 2900  |
| Ion      | Ratio | Lower | Upper |
| 119      | 100   |       |       |
| 134      | 23.1  | 13.2  | 39.6  |
| 91       | 15.1  | 11.8  | 35.3  |



#87  
 1,3-Dichlorobenzene  
 Concen: 0.590 ug/l  
 RT: 13.729 min Scan# 1985  
 Delta R.T. -0.006 min  
 Lab File: VN076372.D  
 Acq: 24 Jan 2023 10:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 3847  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 32.1  | 19.9  | 59.7  |
| 148      | 60.2  | 31.6  | 94.8  |

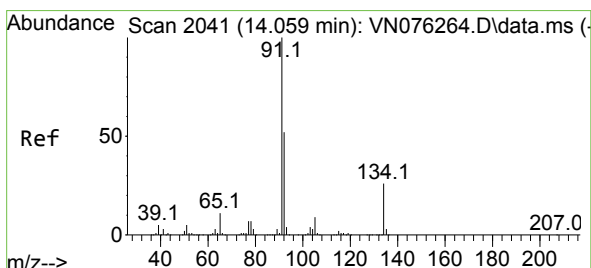
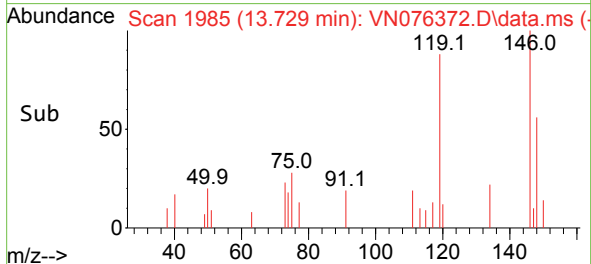
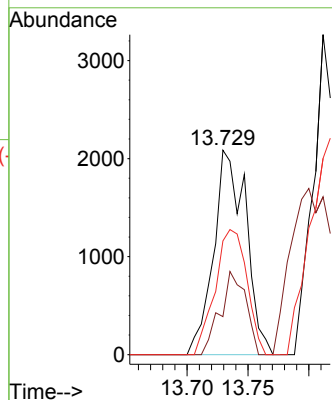
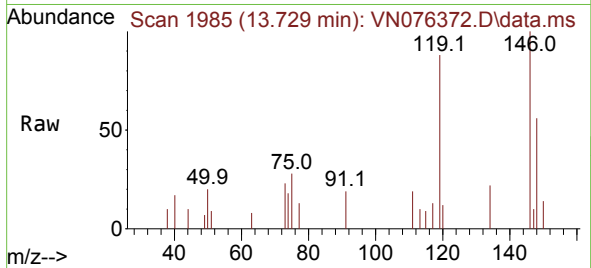




#88  
1,4-Dichlorobenzene  
Concen: 0.720 ug/l  
RT: 13.729 min Scan# 1999  
Delta R.T. -0.083 min  
Lab File: VN076372.D  
Acq: 24 Jan 2023 10:40

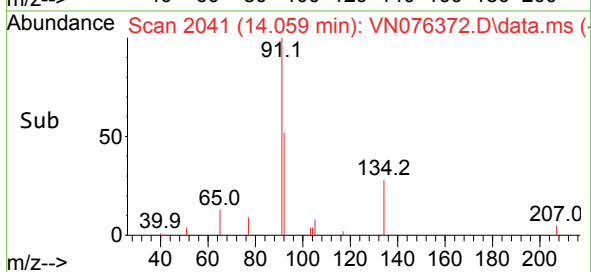
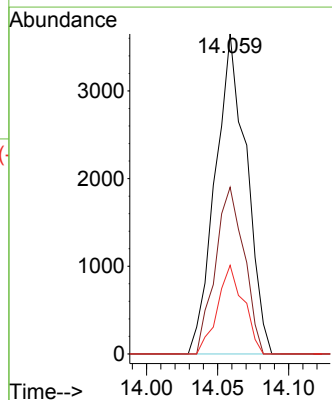
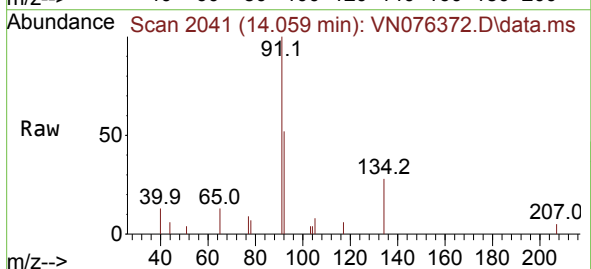
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0124MBL01

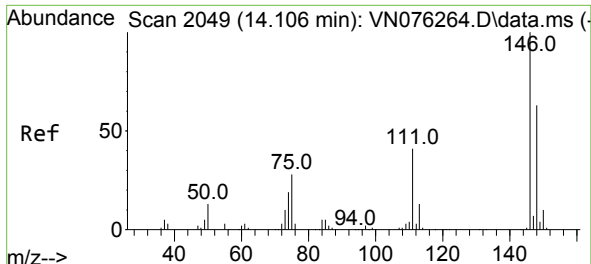
Tgt Ion:146 Resp: 3847  
Ion Ratio Lower Upper  
146 100  
111 32.1 19.1 57.5  
148 60.2 31.9 95.9



#89  
n-Butylbenzene  
Concen: 0.596 ug/l  
RT: 14.059 min Scan# 2041  
Delta R.T. -0.000 min  
Lab File: VN076372.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 91 Resp: 5564  
Ion Ratio Lower Upper  
91 100  
92 48.1 26.3 78.9  
134 23.3 13.2 39.5

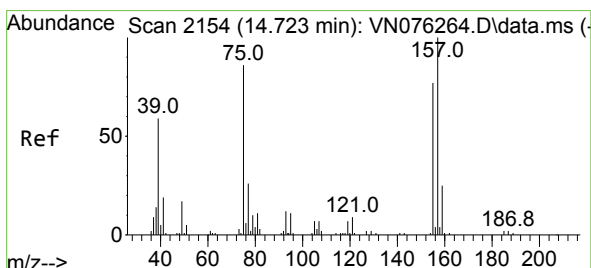
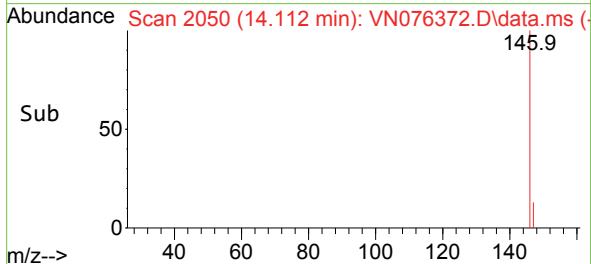
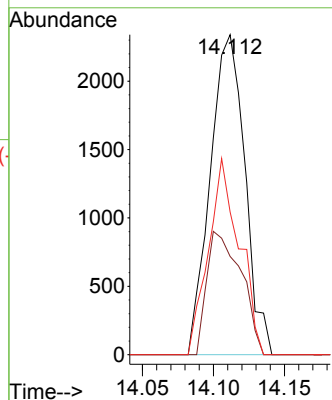
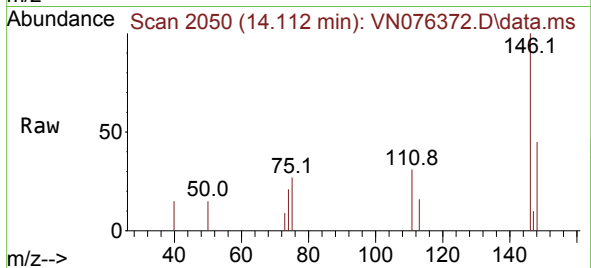




#91  
1,2-Dichlorobenzene  
Concen: 0.610 ug/l  
RT: 14.112 min Scan# 2049  
Delta R.T. 0.006 min  
Lab File: VN076372.D  
Acq: 24 Jan 2023 10:40

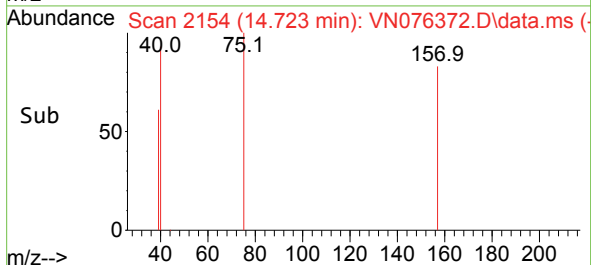
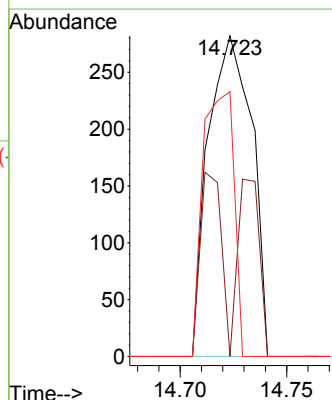
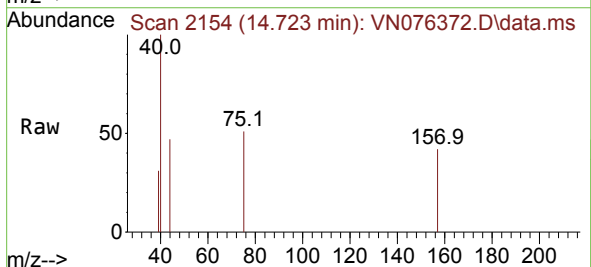
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0124MBL01

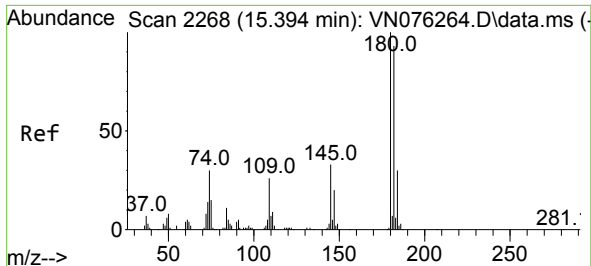
Tgt Ion:146 Resp: 3965  
Ion Ratio Lower Upper  
146 100  
111 38.3 20.3 60.8  
148 54.8 31.8 95.4



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.581 ug/l  
RT: 14.723 min Scan# 2154  
Delta R.T. 0.000 min  
Lab File: VN076372.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 75 Resp: 402  
Ion Ratio Lower Upper  
75 100  
155 27.1 45.0 135.0#  
157 58.5 58.3 174.9

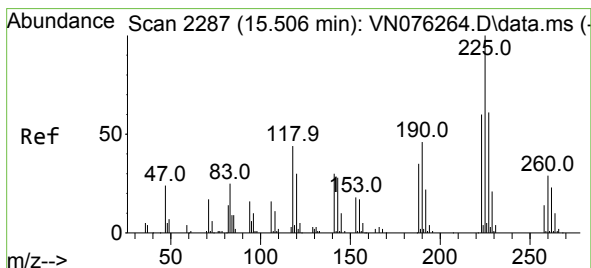
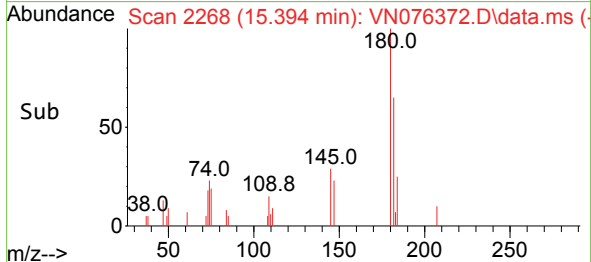
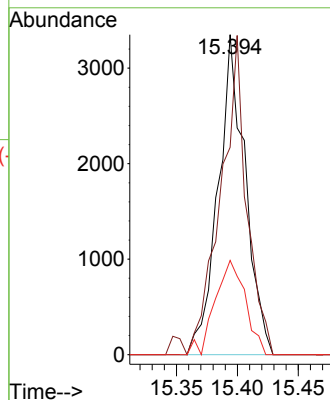
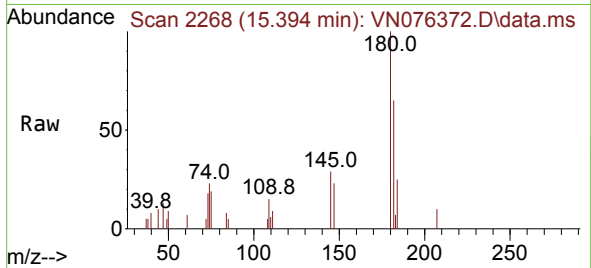




#93  
1,2,4-Trichlorobenzene  
Concen: 2.915 ug/l  
RT: 15.394 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN076372.D  
Acq: 24 Jan 2023 10:40

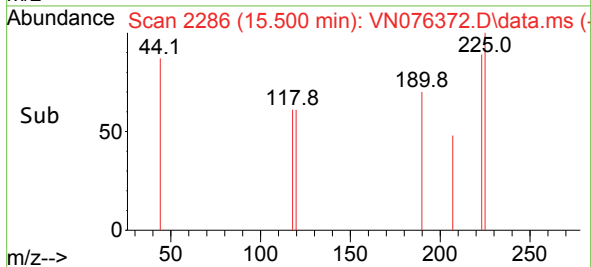
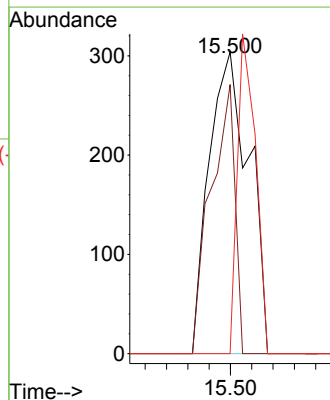
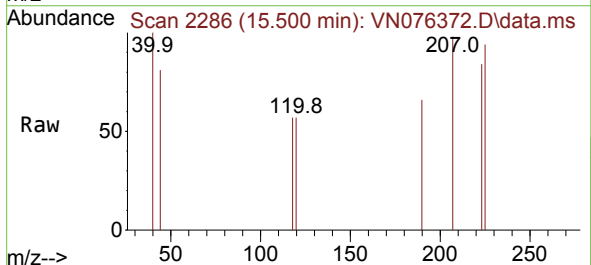
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0124MBL01

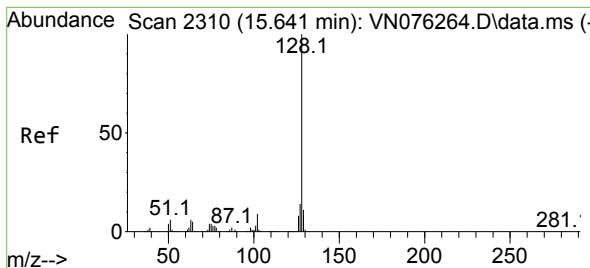
Tgt Ion:180 Resp: 5188  
Ion Ratio Lower Upper  
180 100  
182 98.0 47.0 141.2  
145 33.0 15.2 45.5



#94  
Hexachlorobutadiene  
Concen: 0.230 ug/l  
RT: 15.500 min Scan# 2286  
Delta R.T. -0.006 min  
Lab File: VN076372.D  
Acq: 24 Jan 2023 10:40

Tgt Ion:225 Resp: 396  
Ion Ratio Lower Upper  
225 100  
223 53.8 30.8 92.3  
227 48.5 30.9 92.8





#95

Naphthalene

Concen: 4.248 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076372.D

Acq: 24 Jan 2023 10:40

Instrument :

MSVOA\_N

ClientSampleId :

VN0124MBL01

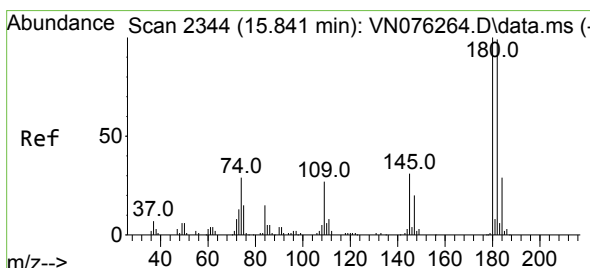
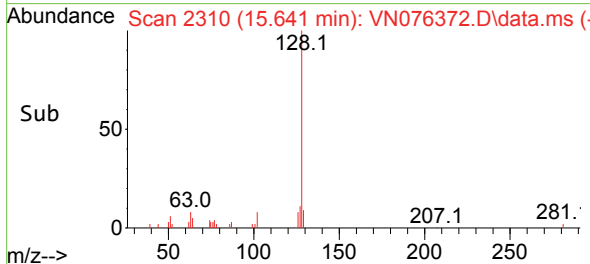
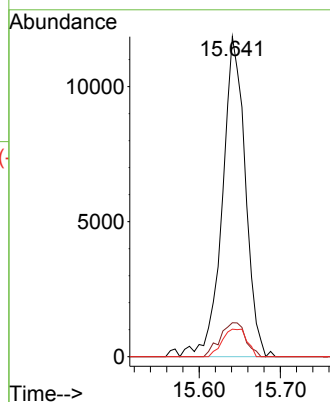
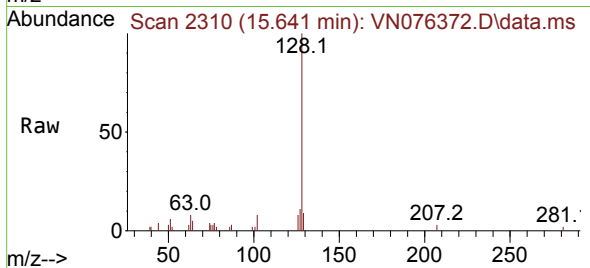
Tgt Ion:128 Resp: 23246

Ion Ratio Lower Upper

128 100

127 11.8 10.3 15.5

129 9.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 3.120 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.006 min

Lab File: VN076372.D

Acq: 24 Jan 2023 10:40

Tgt Ion:180 Resp: 6023

Ion Ratio Lower Upper

180 100

182 104.8 47.5 142.5

145 30.3 15.9 47.6

