

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082423\  
 Data File : VN079031.D  
 Acq On : 24 Aug 2023 15:05  
 Operator : JC\MD  
 Sample : 04047-02 20X  
 Misc : 6.54g/5.0mL/100uL/5.0mL/MSVOA\_N/MEOH  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Aug 25 01:16:41 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081523W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 16 02:42:02 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) Pentafluorobenzene         | 8.230          | 168  | 245462     | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.106          | 114  | 444131     | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.871         | 117  | 426434     | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.794         | 152  | 203075     | 50.000    | ug/l   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.583          | 65   | 175900     | 46.052    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = | 92.100%   |        |          |
| 35) Dibromofluoromethane      | 8.171          | 113  | 148572     | 49.695    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 99.400%   |        |          |
| 50) Toluene-d8                | 10.571         | 98   | 535965     | 48.281    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = | 96.560%   |        |          |
| 62) 4-Bromofluorobenzene      | 12.853         | 95   | 210529     | 58.022    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = | 116.040%  |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           |        | Qvalue   |
| 3) Chloromethane              | 2.365          | 50   | 1101       | 0.232     | ug/l   | 96       |
| 5) Bromomethane               | 2.948          | 94   | 575        | 0.240     | ug/l # | 54       |
| 6) Chloroethane               | 3.118          | 64   | 607        | 0.208     | ug/l # | 43       |
| 11) Tert butyl alcohol        | 5.542          | 59   | 197        | 0.307     | ug/l # | 72       |
| 18) Methyl Acetate            | 5.036          | 43   | 2688       | 0.404     | ug/l # | 78       |
| 20) Methylene Chloride        | 5.295          | 84   | 858        | 0.255     | ug/l # | 49       |
| 31) Cyclohexane               | 8.224          | 56   | 7006       | Below Cal | #      | 29       |
| 36) 1,1-Dichloropropene       | 8.230          | 75   | 21273      | 4.730     | ug/l # | 49       |
| 38) Carbon Tetrachloride      | 8.224          | 117  | 26843      | 5.957     | ug/l # | 14       |
| 39) Methylcyclohexane         | 9.606          | 83   | 2044       | 0.494     | ug/l   | 97       |
| 40) Benzene                   | 8.612          | 78   | 87179      | 6.558     | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.712          | 43   | 7784       | 0.875     | ug/l # | 49       |
| 52) Toluene                   | 10.635         | 92   | 2418       | 0.296     | ug/l   | 76       |
| 67) Ethyl Benzene             | 11.971         | 91   | 1293978    | 78.389    | ug/l   | 97       |
| 68) m/p-Xylenes               | 12.077         | 106  | 170229     | 27.582    | ug/l   | 98       |
| 69) o-Xylene                  | 12.400         | 106  | 132563     | 22.080    | ug/l   | 97       |
| 70) Styrene                   | 12.400         | 104  | 7472       | 0.746     | ug/l # | 1        |
| 73) Isopropylbenzene          | 12.700         | 105  | 104604     | 6.178     | ug/l   | 97       |
| 74) N-amyl acetate            | 12.482         | 43   | 2926       | 0.342     | ug/l # | 32       |
| 76) 1,2,3-Trichloropropane    | 13.129         | 75   | 4294       | 0.878     | ug/l # | 1        |
| 77) Bromobenzene              | 13.124         | 156  | 1216       | 0.299     | ug/l # | 1        |
| 78) n-propylbenzene           | 13.041         | 91   | 43429      | 2.212     | ug/l   | 93       |
| 79) 2-Chlorotoluene           | 13.135         | 91   | 46962      | 3.856     | ug/l # | 42       |
| 80) 1,3,5-Trimethylbenzene    | 13.176         | 105  | 109780     | 8.181     | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.853         | 75   | 115200     | 60.143    | ug/l # | 16       |
| 82) 4-Chlorotoluene           | 13.182         | 91   | 10017      | 0.841     | ug/l # | 41       |
| 83) tert-Butylbenzene         | 13.488         | 119  | 51853      | 4.599     | ug/l # | 59       |
| 84) 1,2,4-Trimethylbenzene    | 13.488         | 105  | 399619     | 30.076    | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.488         | 105  | 399619     | 25.756    | ug/l # | 57       |
| 86) p-Isopropyltoluene        | 13.676         | 119  | 58267      | 4.700     | ug/l   | 93       |
| 89) n-Butylbenzene            | 14.000         | 91   | 518847     | 50.859    | ug/l # | 43       |
| 90) Hexachloroethane          | 14.329         | 117  | 25426      | 10.232    | ug/l # | 21       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.741         | 75   | 1520       | Below Cal | #      | 4        |
| 95) Naphthalene               | 15.641         | 128  | 17126467   | 1738.436  | ug/l   | 97       |
| -----                         |                |      |            |           |        |          |

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Sample : 04047-02 20X  
Misc : 6.54g/5.0mL/100uL/5.0mL/MSVOA\_N/MEOH  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

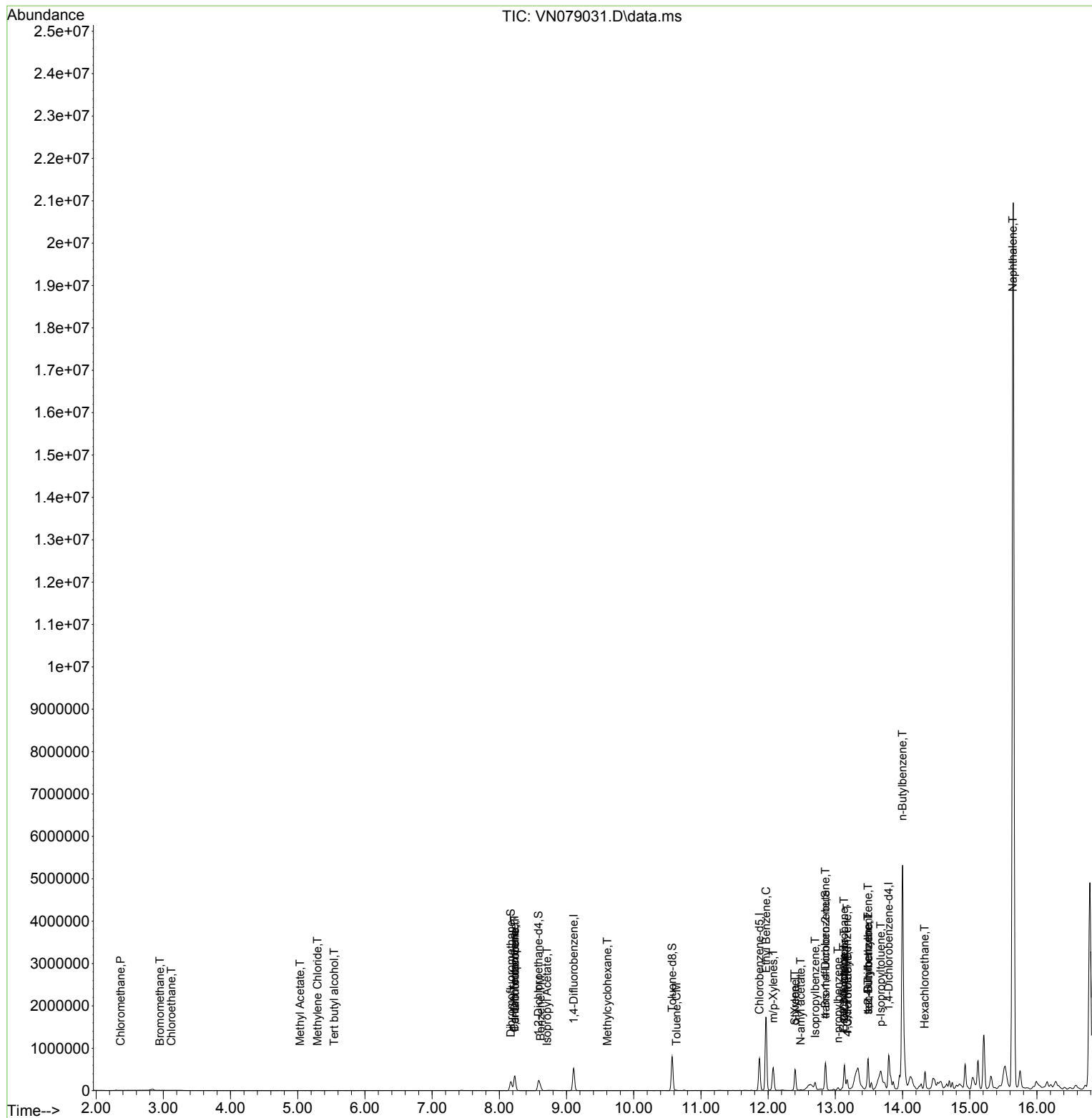
Quant Time: Aug 25 01:16:41 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081523W.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 16 02:42:02 2023  
Response via : Initial Calibration

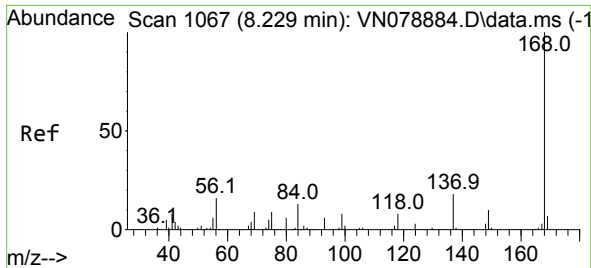
| Compound                                                             | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                             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

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

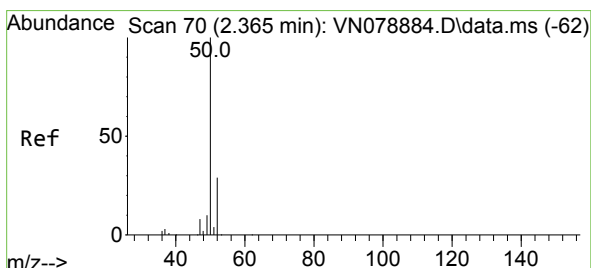
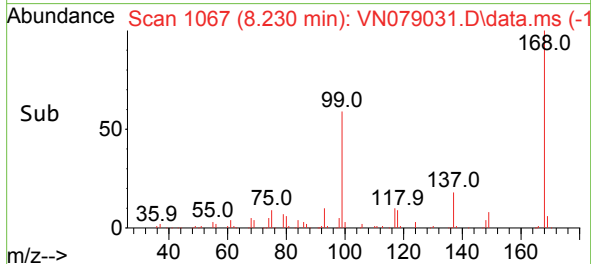
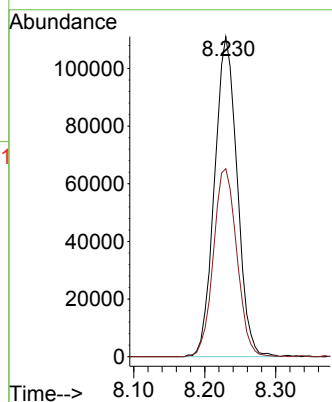
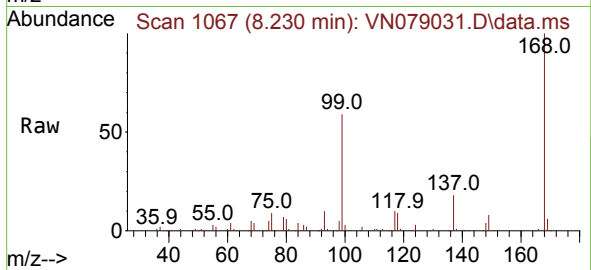




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: VN079031.D  
Acq: 24 Aug 2023 15:05

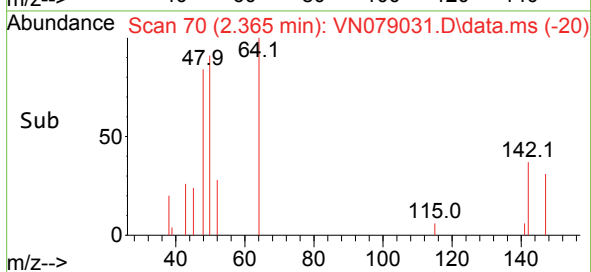
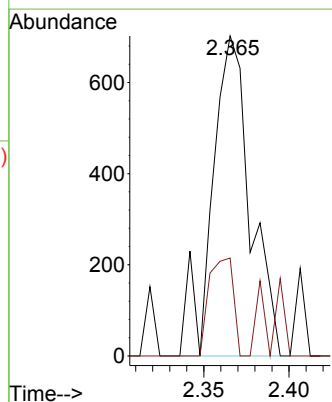
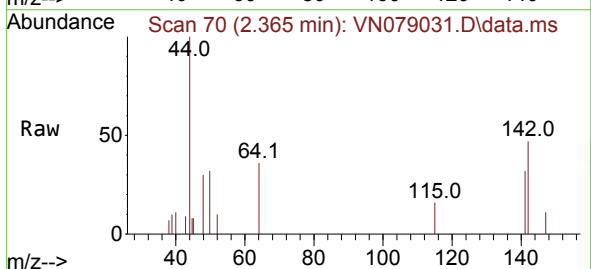
Instrument :  
MSVOA\_N  
ClientSampleId :

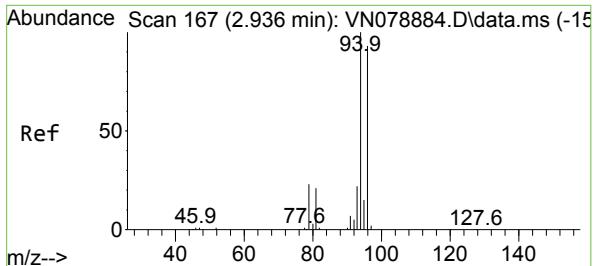
Tgt Ion:168 Resp: 245462  
Ion Ratio Lower Upper  
168 100  
99 58.7 53.0 79.6



#3  
Chloromethane  
Concen: 0.232 ug/l  
RT: 2.365 min Scan# 70  
Delta R.T. -0.006 min  
Lab File: VN079031.D  
Acq: 24 Aug 2023 15:05

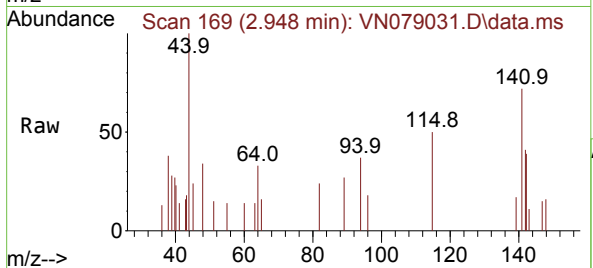
Tgt Ion: 50 Resp: 1101  
Ion Ratio Lower Upper  
50 100  
52 30.6 26.5 39.7



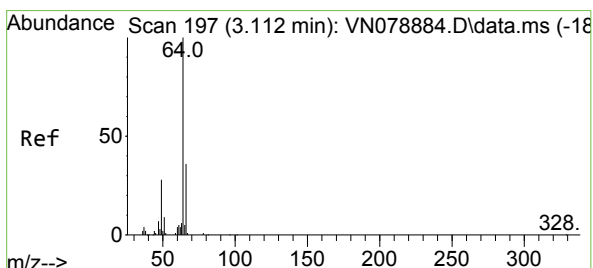
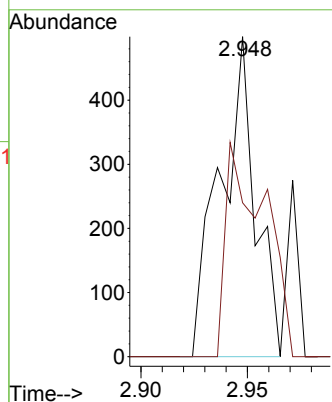
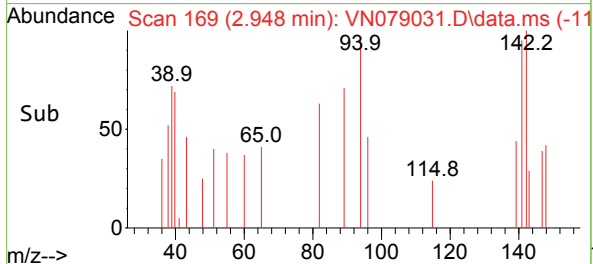


#5  
Bromomethane  
Concen: 0.240 ug/l  
RT: 2.948 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN079031.D  
Acq: 24 Aug 2023 15:05

Instrument :  
MSVOA\_N  
ClientSampleId :

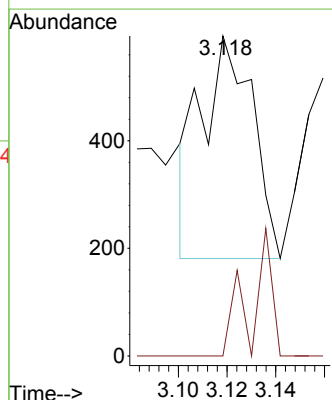
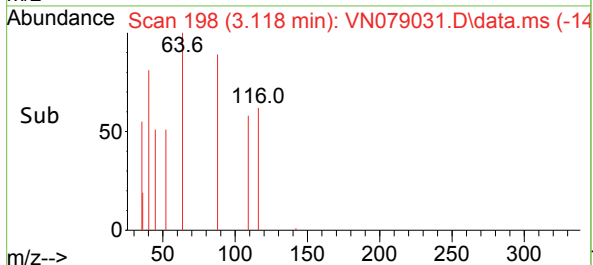
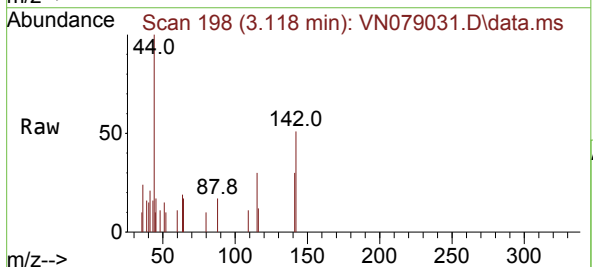


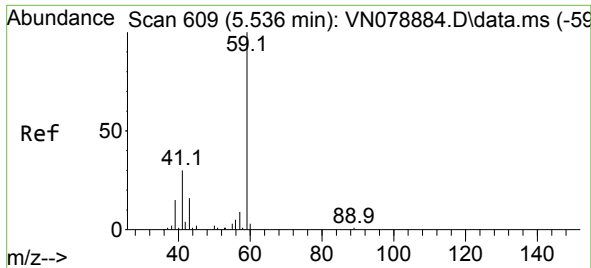
Tgt Ion: 94 Resp: 575  
Ion Ratio Lower Upper  
94 100  
96 48.1 73.1 109.7#



#6  
Chloroethane  
Concen: 0.208 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. 0.000 min  
Lab File: VN079031.D  
Acq: 24 Aug 2023 15:05

Tgt Ion: 64 Resp: 607  
Ion Ratio Lower Upper  
64 100  
66 0.0 25.4 38.2#

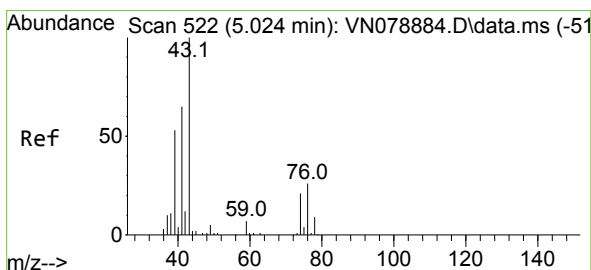
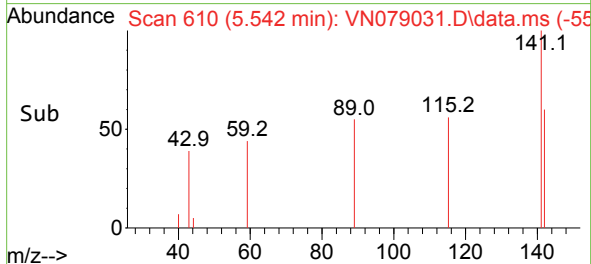
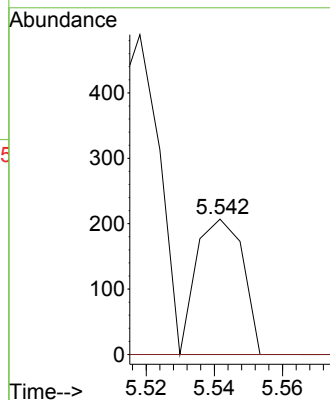
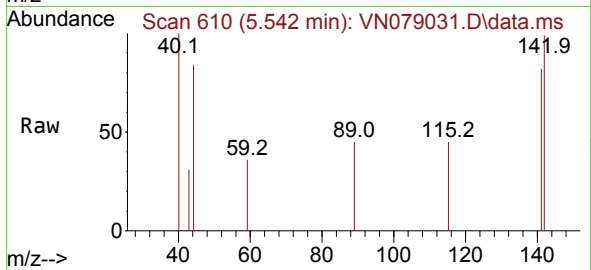




#11  
Tert butyl alcohol  
Concen: 0.307 ug/l  
RT: 5.542 min Scan# 610  
Delta R.T. -0.000 min  
Lab File: VN079031.D  
Acq: 24 Aug 2023 15:05

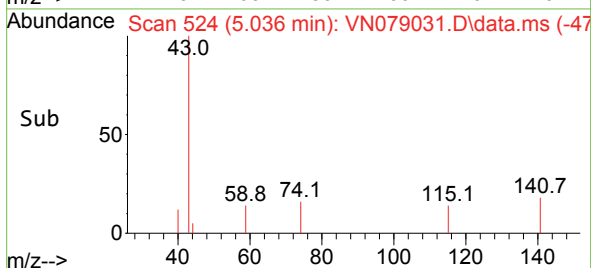
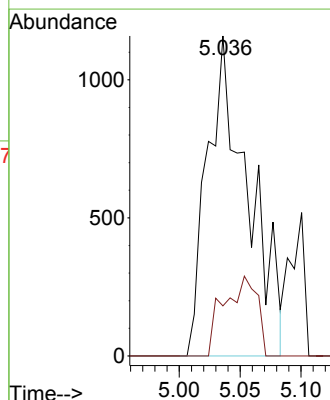
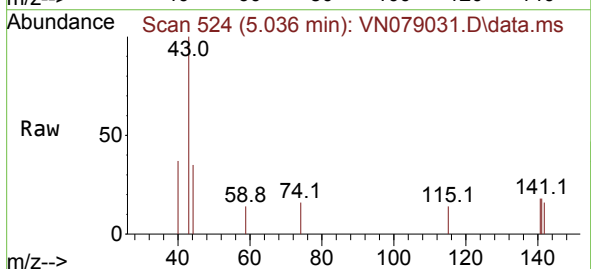
Instrument :  
MSVOA\_N  
ClientSampleId :

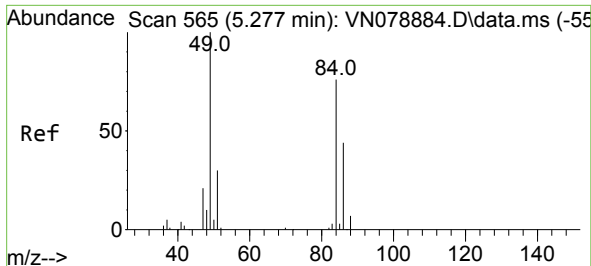
Tgt Ion: 59 Resp: 197  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.4#



#18  
Methyl Acetate  
Concen: 0.404 ug/l  
RT: 5.036 min Scan# 524  
Delta R.T. -0.006 min  
Lab File: VN079031.D  
Acq: 24 Aug 2023 15:05

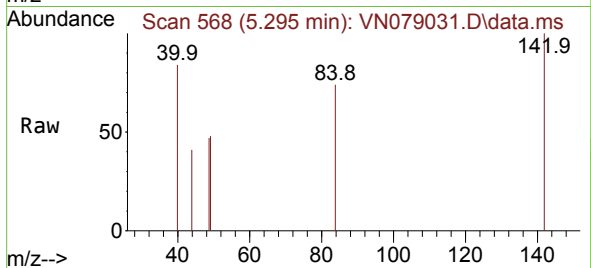
Tgt Ion: 43 Resp: 2688  
Ion Ratio Lower Upper  
43 100  
74 20.3 26.2 39.4#



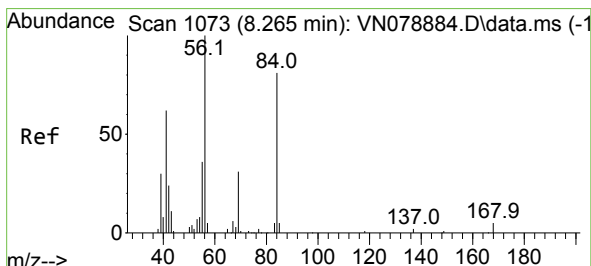
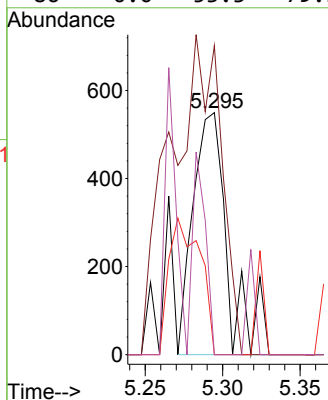
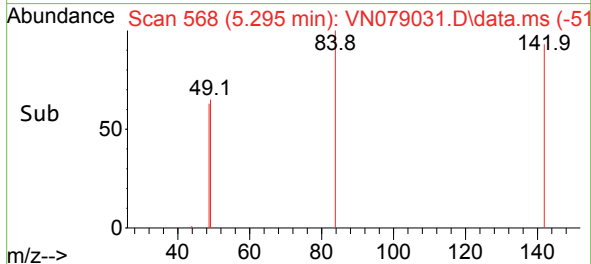


#20  
Methylene Chloride  
Concen: 0.255 ug/l  
RT: 5.295 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VN079031.D  
Acq: 24 Aug 2023 15:05

Instrument :  
MSVOA\_N  
ClientSampleId :

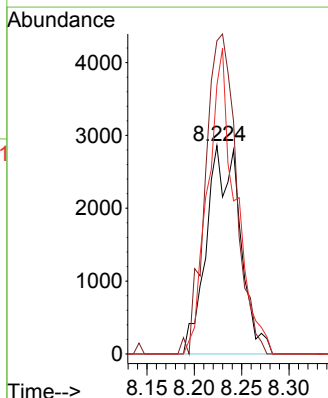
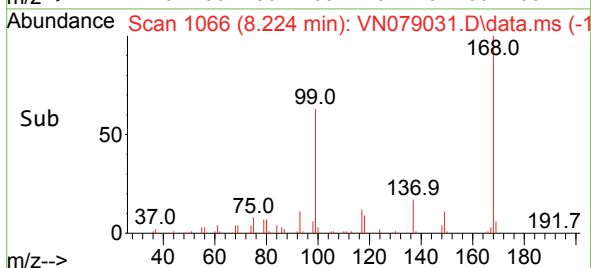
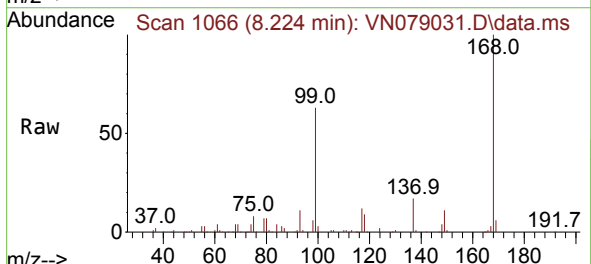


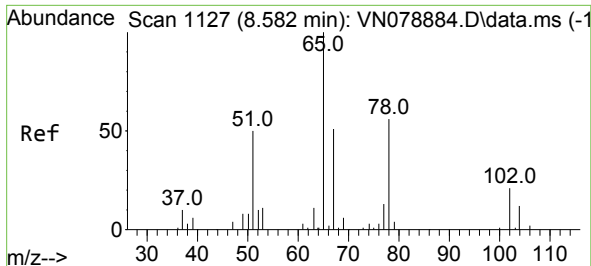
Tgt Ion: 84 Resp: 858  
Ion Ratio Lower Upper  
84 100  
49 127.6 79.7 119.5#  
51 0.0 25.2 37.8#  
86 0.0 53.3 79.9#



#31  
Cyclohexane  
Concen: Below Cal  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.041 min  
Lab File: VN079031.D  
Acq: 24 Aug 2023 15:05

Tgt Ion: 56 Resp: 7006  
Ion Ratio Lower Upper  
56 100  
69 150.3 26.8 40.2#  
84 129.1 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 46.052 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079031.D

Acq: 24 Aug 2023 15:05

Instrument :

MSVOA\_N

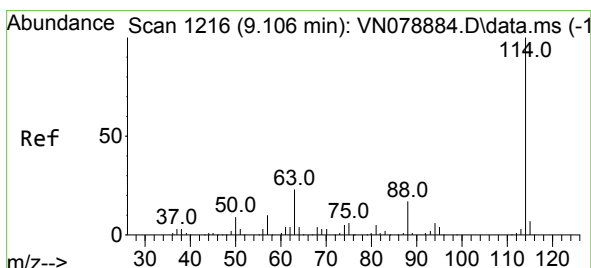
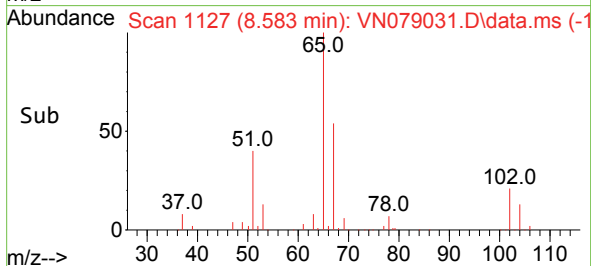
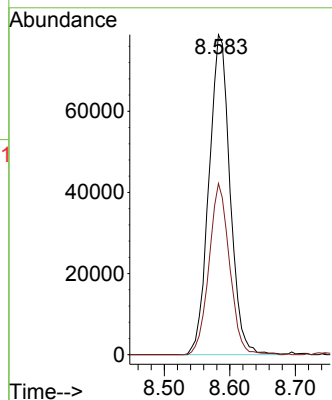
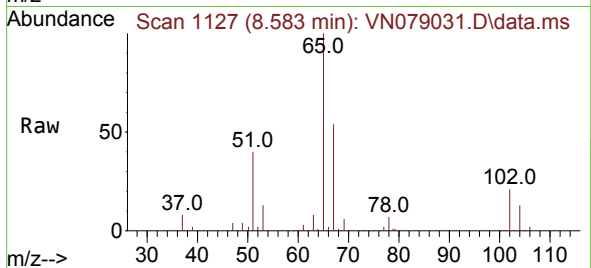
ClientSampleId :

Tgt Ion: 65 Resp: 175900

Ion Ratio Lower Upper

65 100

67 52.2 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079031.D

Acq: 24 Aug 2023 15:05

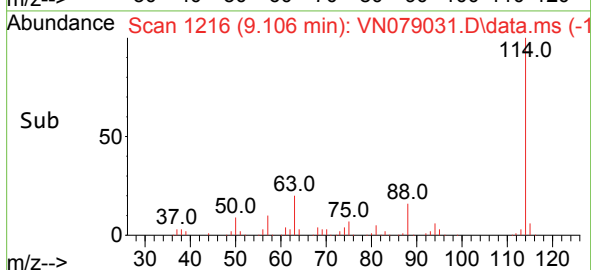
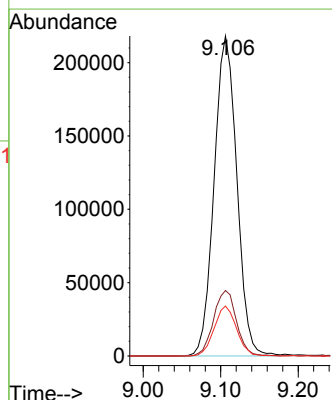
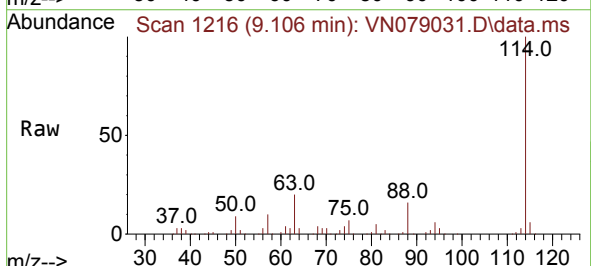
Tgt Ion: 114 Resp: 444131

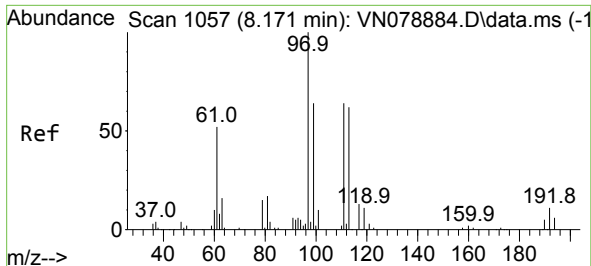
Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.4

88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.695 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

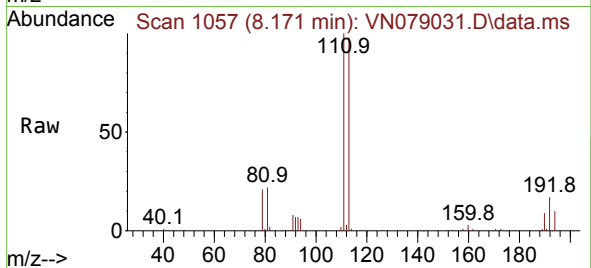
Lab File: VN079031.D

Acq: 24 Aug 2023 15:05

Instrument :

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ClientSampleId :



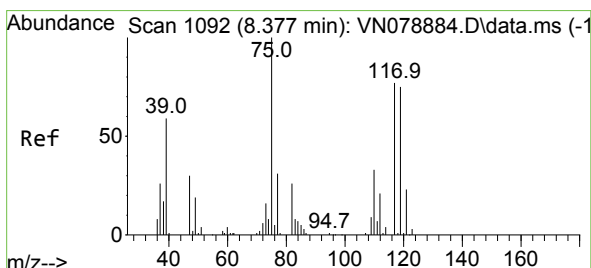
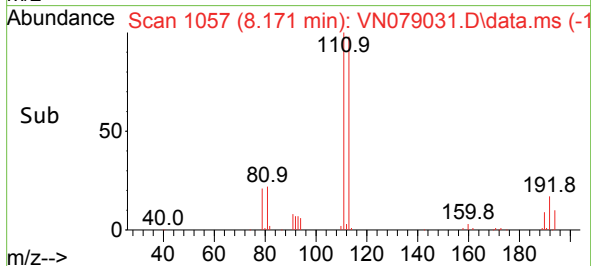
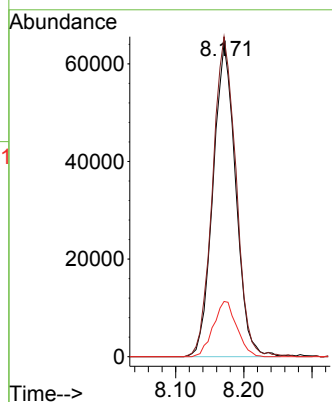
Tgt Ion:113 Resp: 148572

Ion Ratio Lower Upper

113 100

111 105.6 82.6 123.8

192 18.2 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.730 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN079031.D

Acq: 24 Aug 2023 15:05

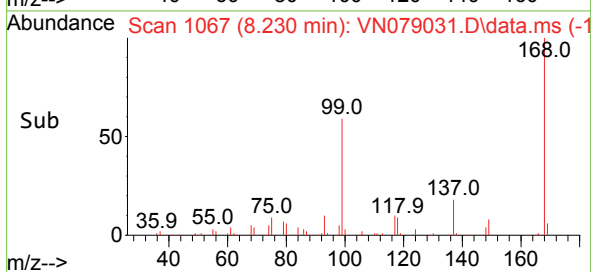
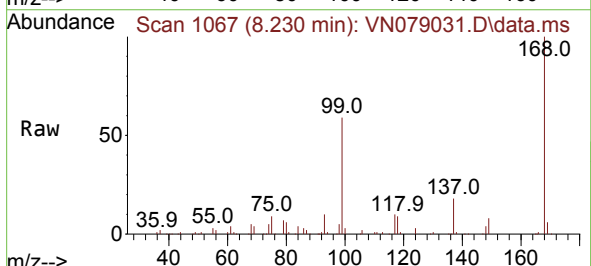
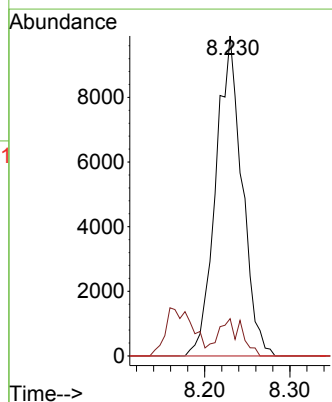
Tgt Ion: 75 Resp: 21273

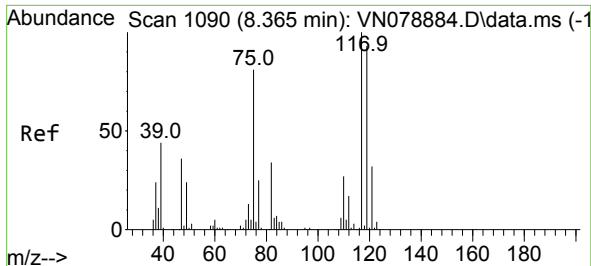
Ion Ratio Lower Upper

75 100

110 10.0 19.1 57.3#

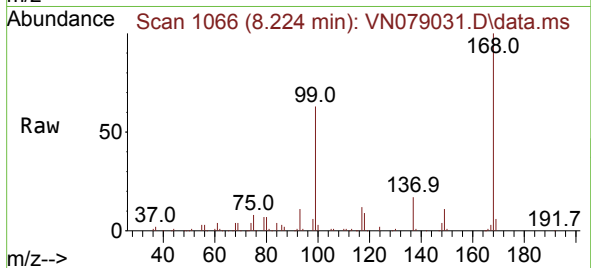
77 0.0 25.0 37.4#



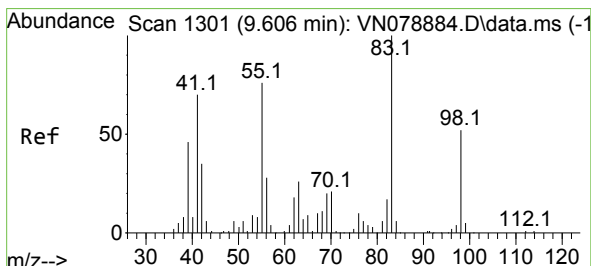
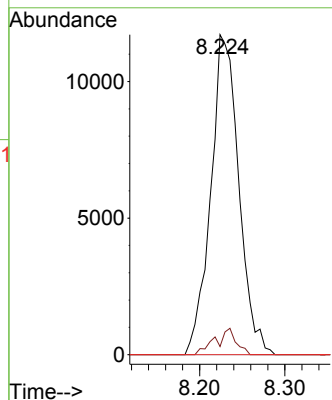
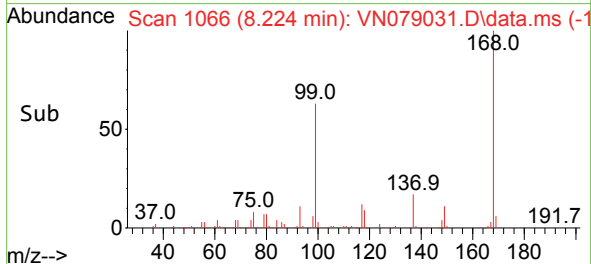


#38  
Carbon Tetrachloride  
Concen: 5.957 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.147 min  
Lab File: VN079031.D  
Acq: 24 Aug 2023 15:05

Instrument :  
MSVOA\_N  
ClientSampleId :

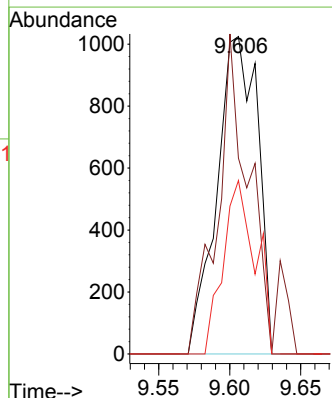
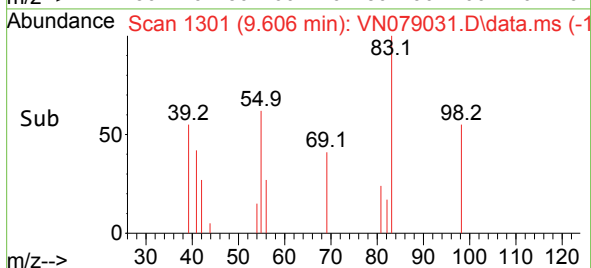
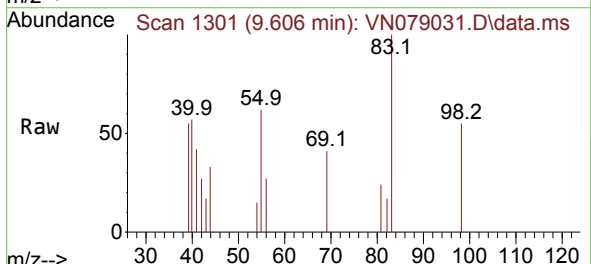


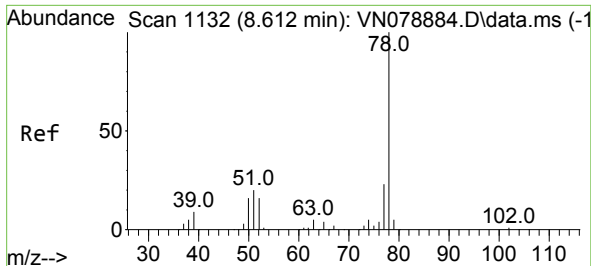
Tgt Ion:117 Resp: 26843  
Ion Ratio Lower Upper  
117 100  
119 2.6 77.3 115.9#  
121 0.0 23.3 34.9#



#39  
Methylcyclohexane  
Concen: 0.494 ug/l  
RT: 9.606 min Scan# 1301  
Delta R.T. 0.000 min  
Lab File: VN079031.D  
Acq: 24 Aug 2023 15:05

Tgt Ion: 83 Resp: 2044  
Ion Ratio Lower Upper  
83 100  
55 61.7 49.1 73.7  
98 54.6 40.6 61.0

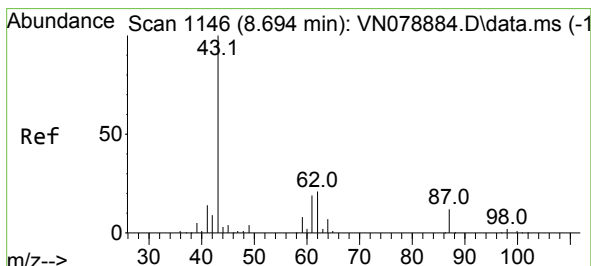
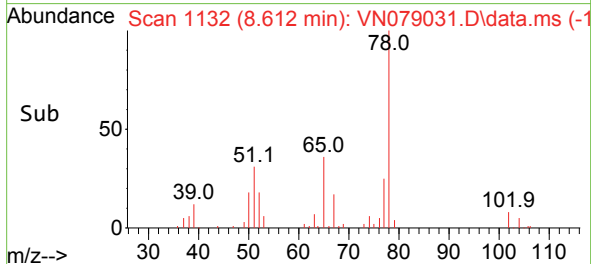
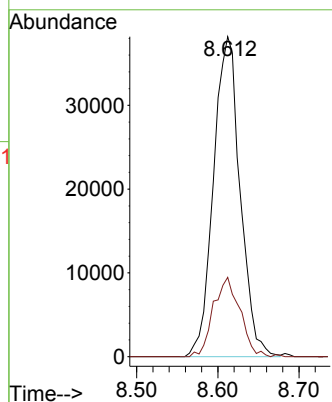
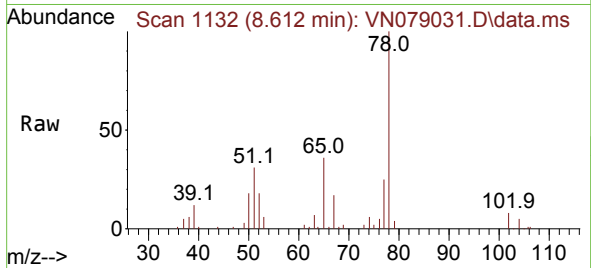




#40  
Benzene  
Concen: 6.558 ug/l  
RT: 8.612 min Scan# 1132  
Delta R.T. 0.000 min  
Lab File: VN079031.D  
Acq: 24 Aug 2023 15:05

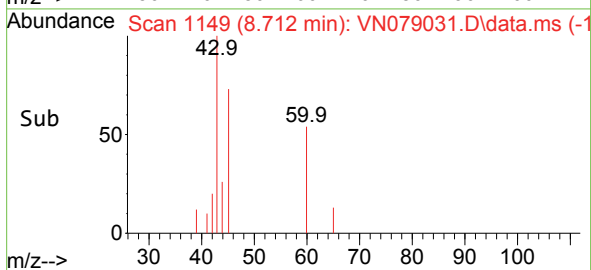
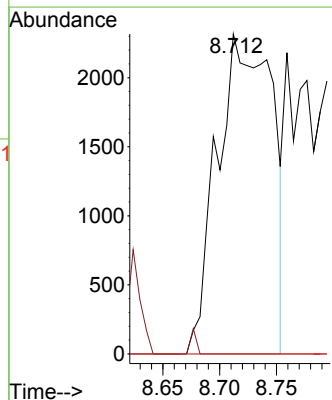
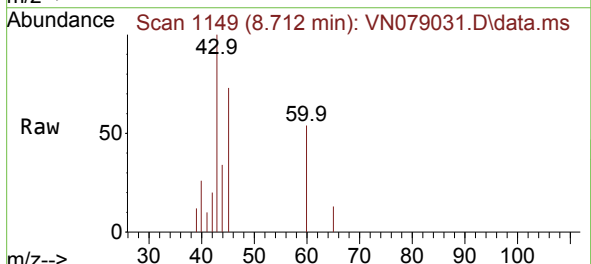
Instrument :  
MSVOA\_N  
ClientSampleId :

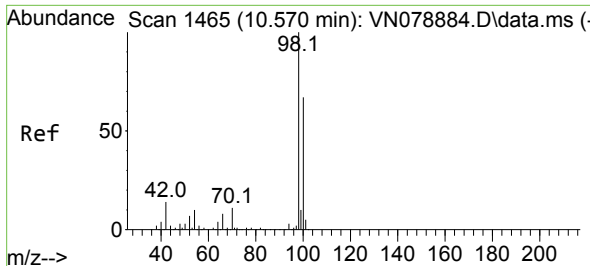
Tgt Ion: 78 Resp: 87179  
Ion Ratio Lower Upper  
78 100  
77 24.8 19.0 28.6



#43  
Isopropyl Acetate  
Concen: 0.875 ug/l  
RT: 8.712 min Scan# 1149  
Delta R.T. 0.018 min  
Lab File: VN079031.D  
Acq: 24 Aug 2023 15:05

Tgt Ion: 43 Resp: 7784  
Ion Ratio Lower Upper  
43 100  
61 0.0 24.7 37.1#  
87 0.0 14.6 21.8#

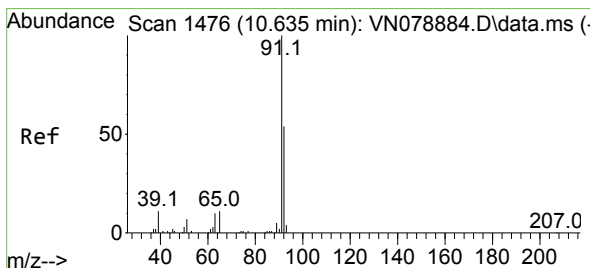
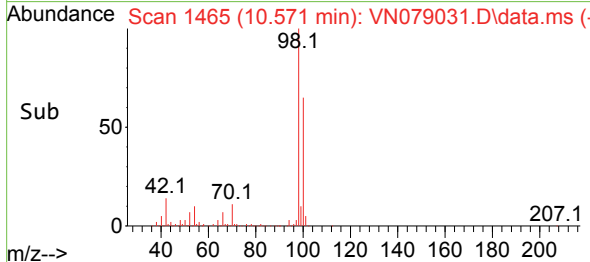
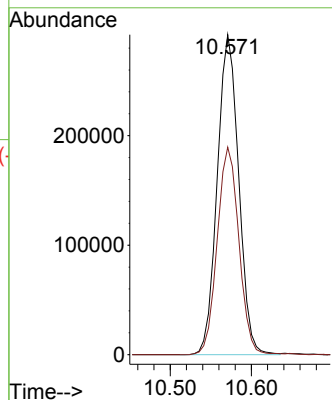
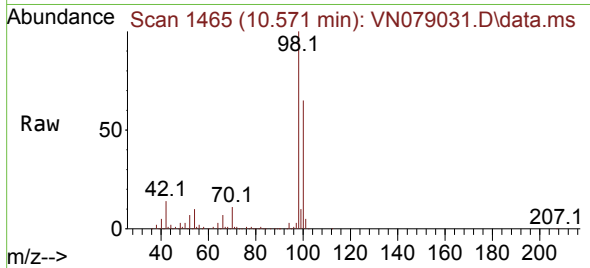




#50  
Toluene-d8  
Concen: 48.281 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. -0.000 min  
Lab File: VN079031.D  
Acq: 24 Aug 2023 15:05

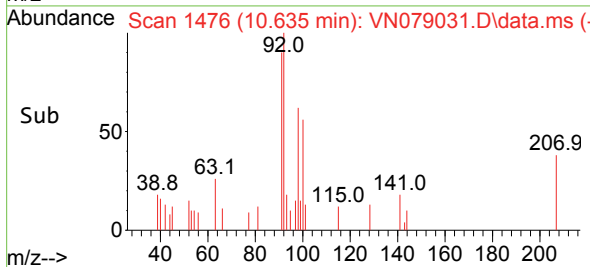
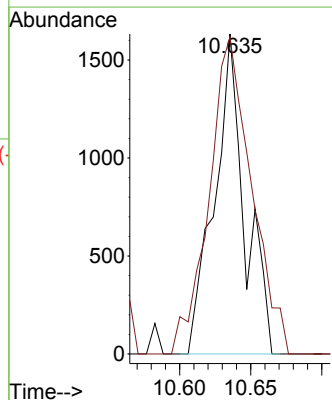
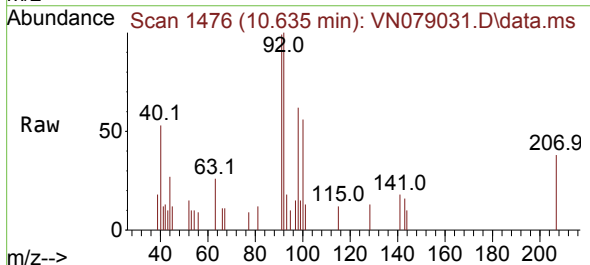
Instrument :  
MSVOA\_N  
ClientSampleId :

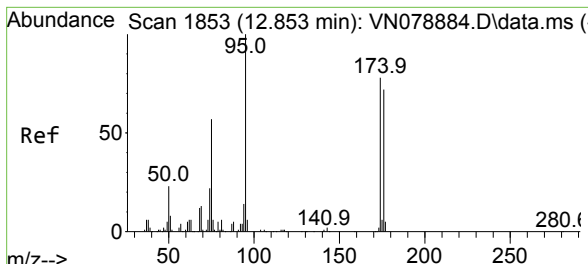
Tgt Ion: 98 Resp: 535965  
Ion Ratio Lower Upper  
98 100  
100 65.8 52.0 78.0



#52  
Toluene  
Concen: 0.296 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VN079031.D  
Acq: 24 Aug 2023 15:05

Tgt Ion: 92 Resp: 2418  
Ion Ratio Lower Upper  
92 100  
91 139.2 137.4 206.0

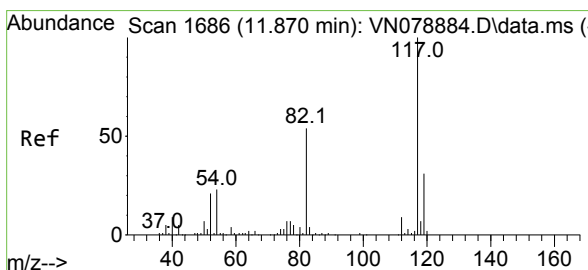
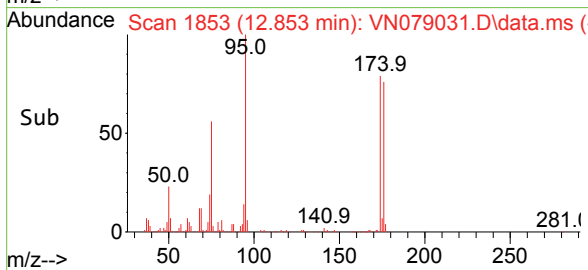
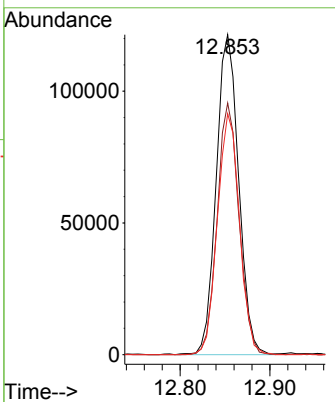
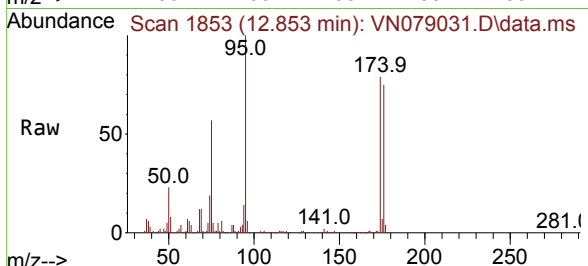




#62  
 4-Bromofluorobenzene  
 Concen: 58.022 ug/l  
 RT: 12.853 min Scan# 1853  
 Delta R.T. -0.000 min  
 Lab File: VN079031.D  
 Acq: 24 Aug 2023 15:05

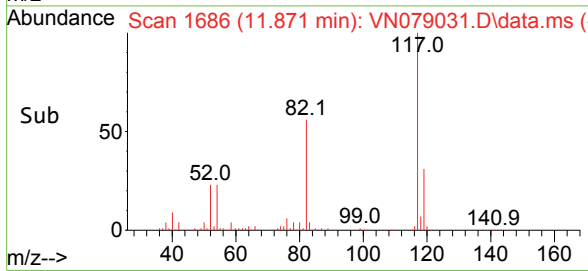
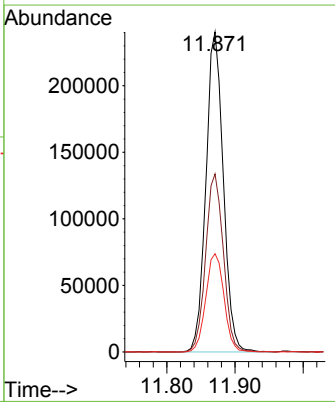
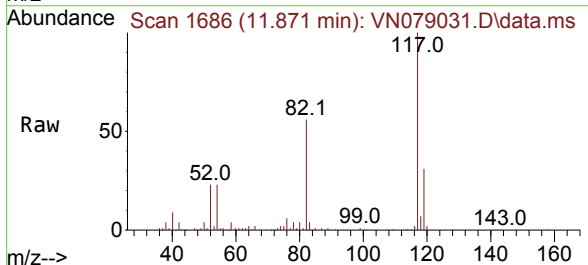
Instrument :  
 MSVOA\_N  
 ClientSampleId :

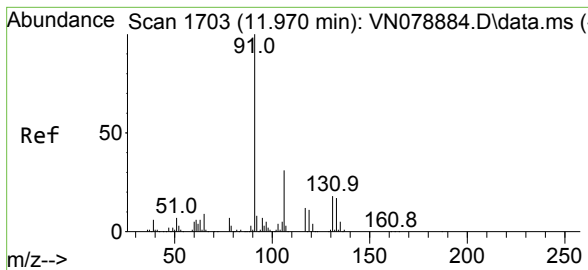
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 210529 |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 174      | 76.6  | 0.0   | 143.8  |
| 176      | 74.1  | 0.0   | 135.8  |



#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.871 min Scan# 1686  
 Delta R.T. -0.000 min  
 Lab File: VN079031.D  
 Acq: 24 Aug 2023 15:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 426434 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 55.6  | 44.0  | 66.0   |
| 119      | 30.7  | 25.6  | 38.4   |

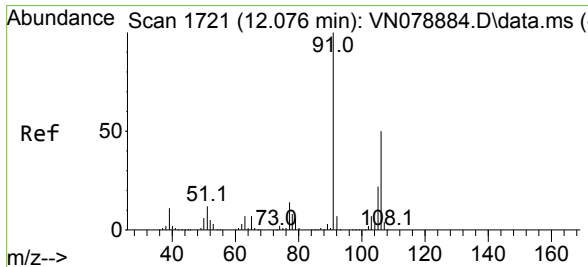
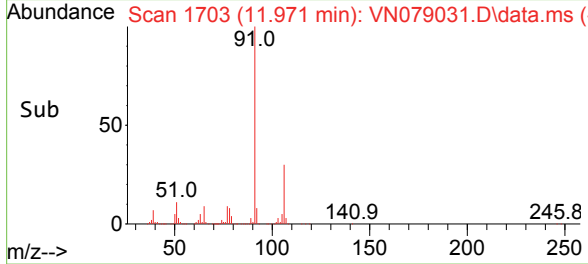
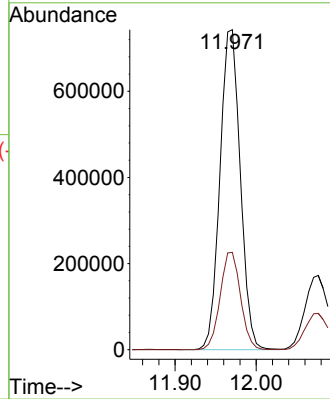
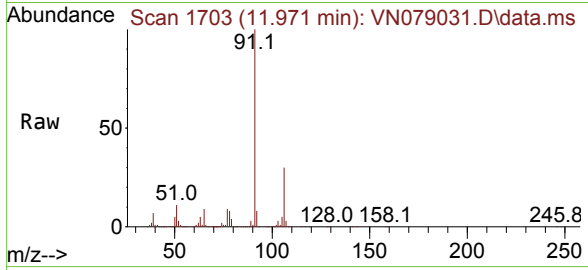




#67  
Ethyl Benzene  
Concen: 78.389 ug/l  
RT: 11.971 min Scan# 1703  
Delta R.T. -0.000 min  
Lab File: VN079031.D  
Acq: 24 Aug 2023 15:05

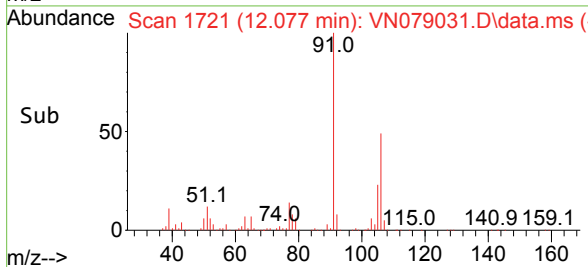
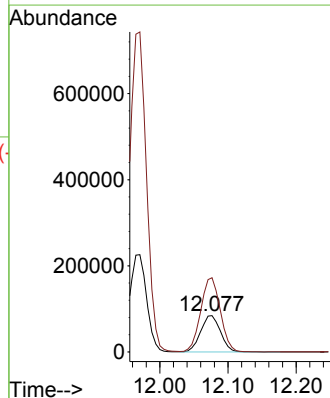
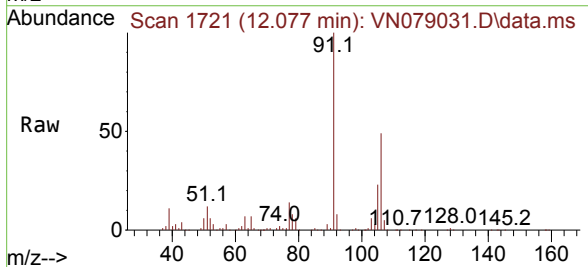
Instrument :  
MSVOA\_N  
ClientSampleId :

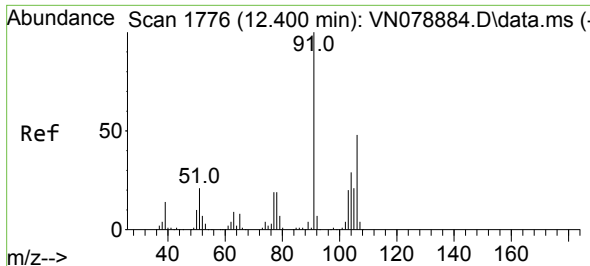
Tgt Ion: 91 Resp: 1293978  
Ion Ratio Lower Upper  
91 100  
106 30.4 25.6 38.4



#68  
m/p-Xylenes  
Concen: 27.582 ug/l  
RT: 12.077 min Scan# 1721  
Delta R.T. 0.001 min  
Lab File: VN079031.D  
Acq: 24 Aug 2023 15:05

Tgt Ion:106 Resp: 170229  
Ion Ratio Lower Upper  
106 100  
91 201.8 159.6 239.4

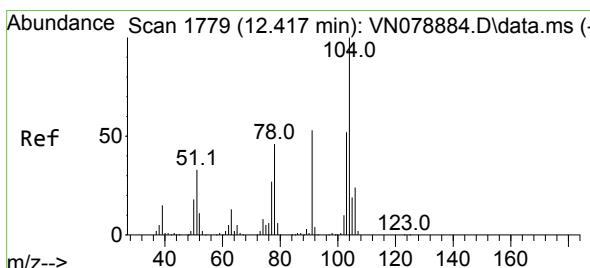
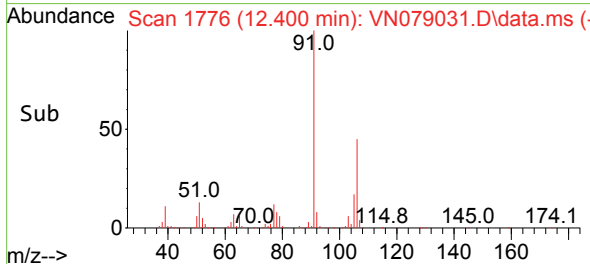
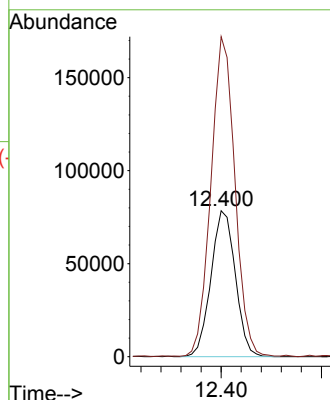
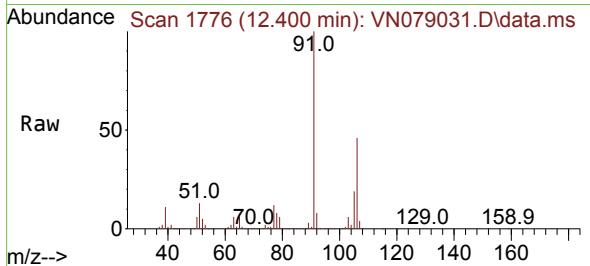




#69  
o-Xylene  
Concen: 22.080 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. 0.000 min  
Lab File: VN079031.D  
Acq: 24 Aug 2023 15:05

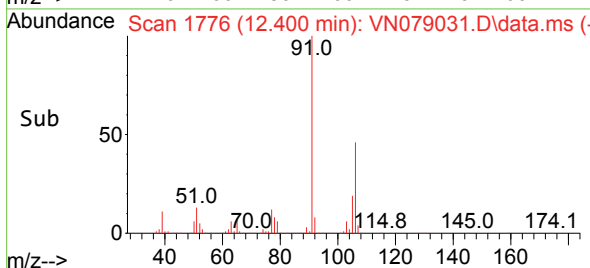
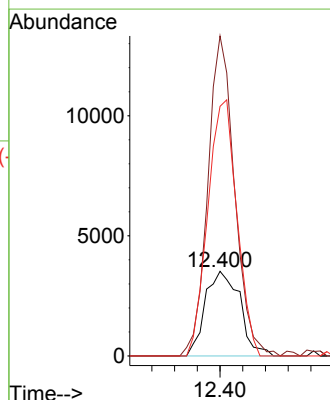
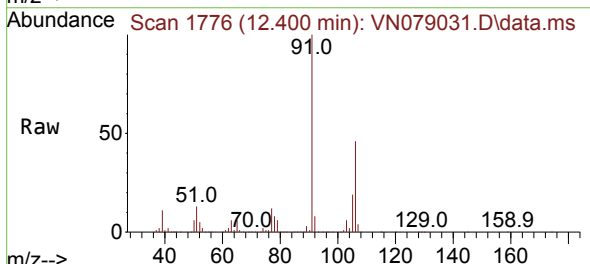
Instrument :  
MSVOA\_N  
ClientSampleId :

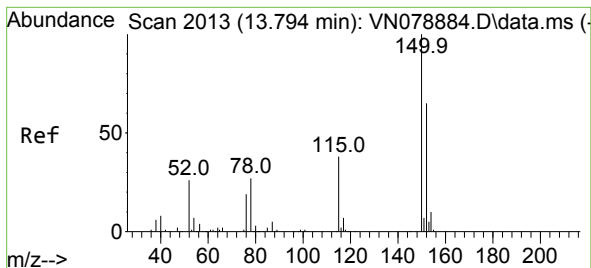
Tgt Ion:106 Resp: 132563  
Ion Ratio Lower Upper  
106 100  
91 215.1 105.2 315.5



#70  
Styrene  
Concen: 0.746 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. -0.018 min  
Lab File: VN079031.D  
Acq: 24 Aug 2023 15:05

Tgt Ion:104 Resp: 7472  
Ion Ratio Lower Upper  
104 100  
78 292.4 39.5 59.3#  
103 253.9 43.2 64.8#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079031.D

Acq: 24 Aug 2023 15:05

Instrument :

MSVOA\_N

ClientSampleId :

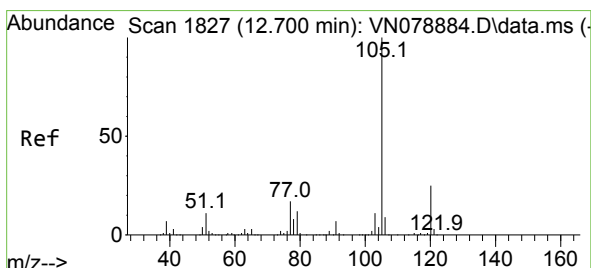
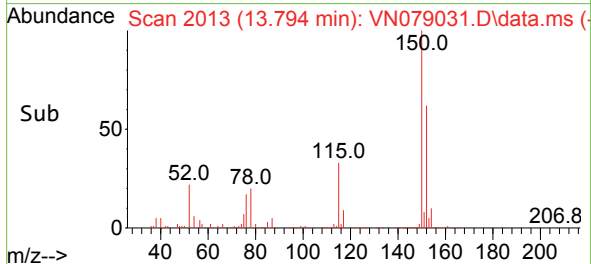
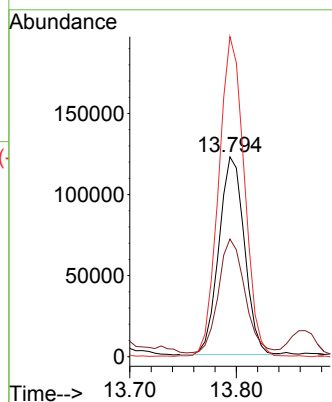
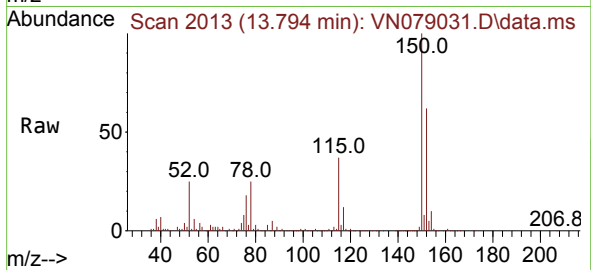
Tgt Ion:152 Resp: 203075

Ion Ratio Lower Upper

152 100

115 59.1 32.3 96.8

150 163.9 0.0 355.8



#73

Isopropylbenzene

Concen: 6.178 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN079031.D

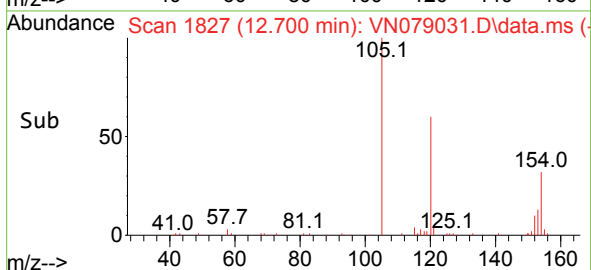
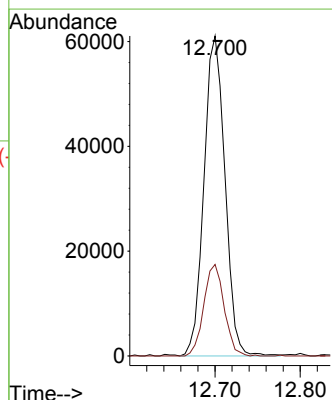
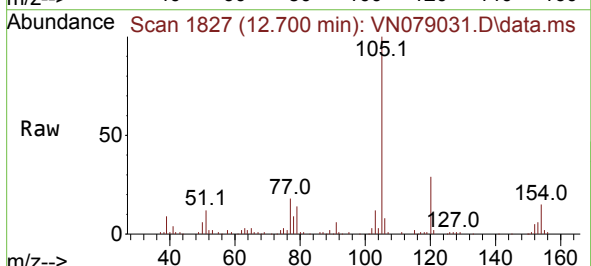
Acq: 24 Aug 2023 15:05

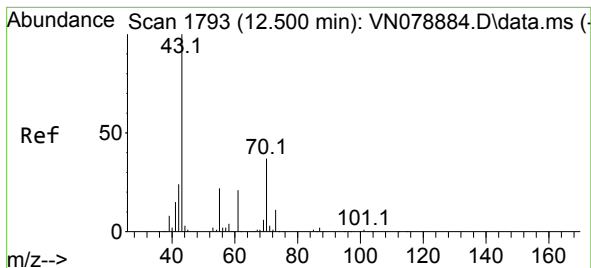
Tgt Ion:105 Resp: 104604

Ion Ratio Lower Upper

105 100

120 27.7 13.1 39.1





#74

N-amy1 acetate

Concen: 0.342 ug/l

RT: 12.482 min Scan# 1

Delta R.T. -0.018 min

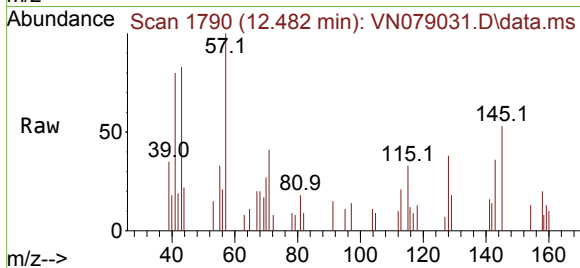
Lab File: VN079031.D

Acq: 24 Aug 2023 15:05

Instrument :

MSVOA\_N

ClientSampleId :



Tgt Ion: 43 Resp: 2926

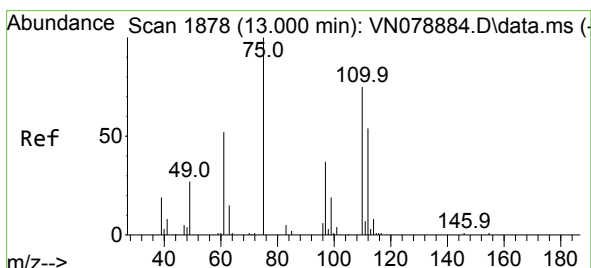
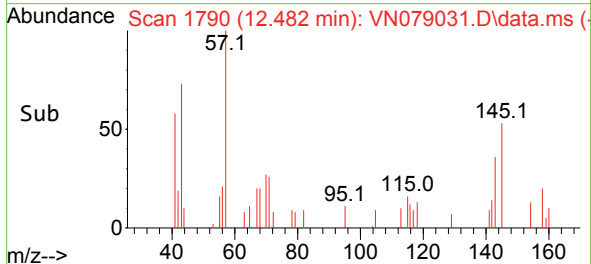
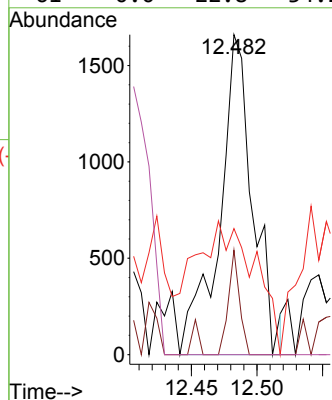
Ion Ratio Lower Upper

43 100

70 10.9 43.4 65.2#

55 77.1 21.4 32.0#

61 0.0 22.8 34.2#



#76

1,2,3-Trichloropropane

Concen: 0.878 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.129 min

Lab File: VN079031.D

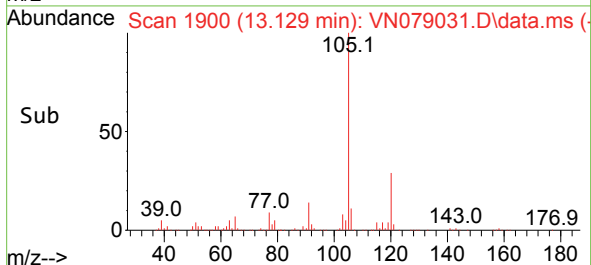
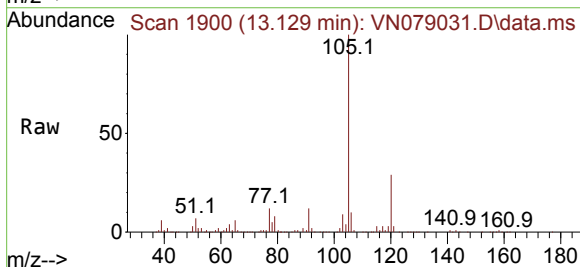
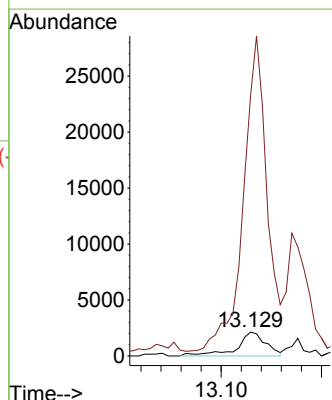
Acq: 24 Aug 2023 15:05

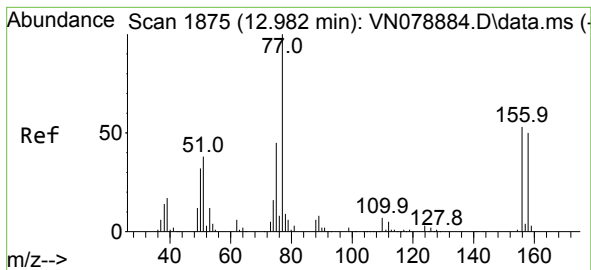
Tgt Ion: 75 Resp: 4294

Ion Ratio Lower Upper

75 100

77 1078.9 84.5 253.5#





#77

Bromobenzene

Concen: 0.299 ug/l

RT: 13.124 min Scan# 1899

Delta R.T. 0.142 min

Lab File: VN079031.D

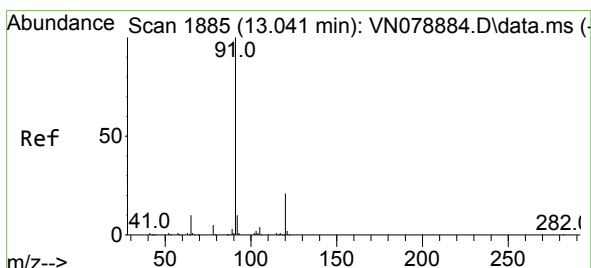
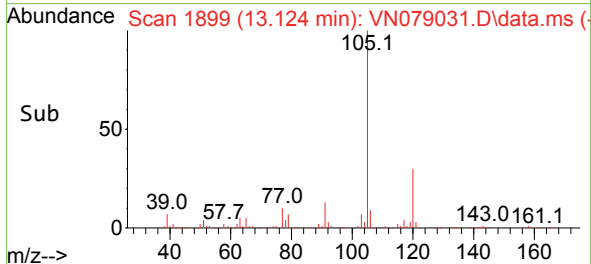
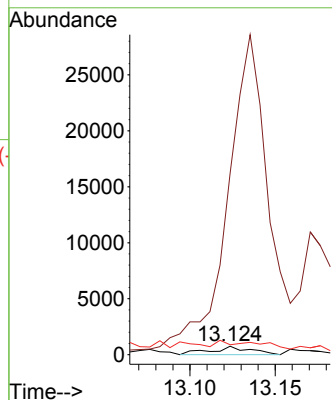
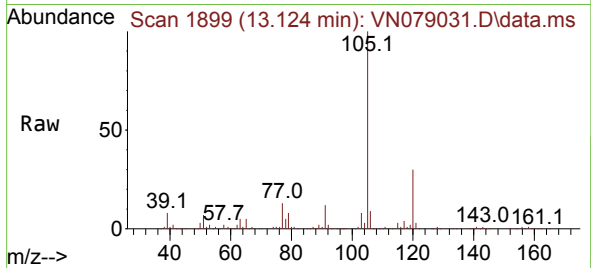
Acq: 24 Aug 2023 15:05

Instrument :

MSVOA\_N

ClientSampleId :

Tgt Ion:156 Resp: 1216  
 Ion Ratio Lower Upper  
 156 100  
 77 3810.0 107.7 323.3#  
 158 29.9 48.4 145.3#



#78

n-propylbenzene

Concen: 2.212 ug/l

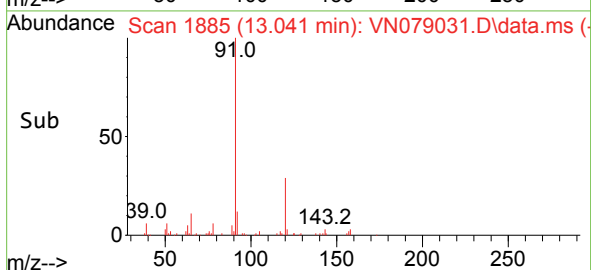
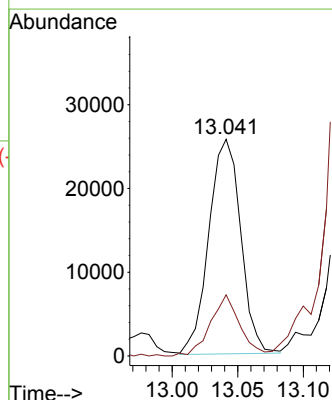
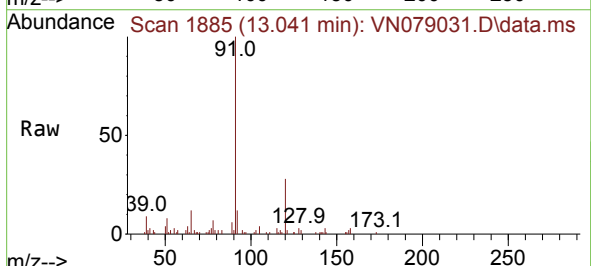
RT: 13.041 min Scan# 1885

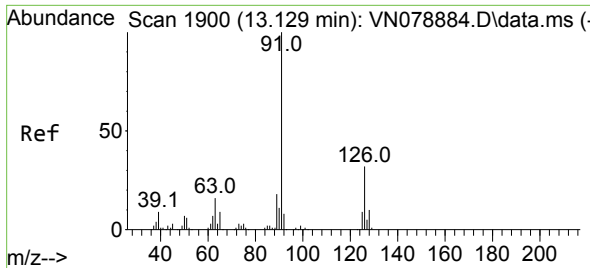
Delta R.T. 0.000 min

Lab File: VN079031.D

Acq: 24 Aug 2023 15:05

Tgt Ion: 91 Resp: 43429  
 Ion Ratio Lower Upper  
 91 100  
 120 26.1 11.5 34.4

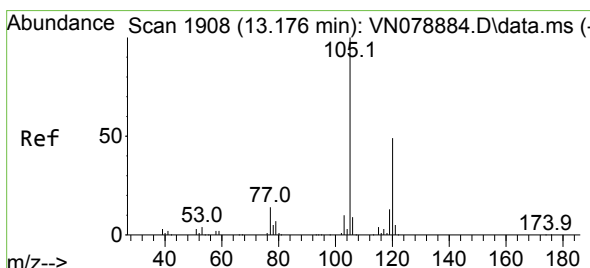
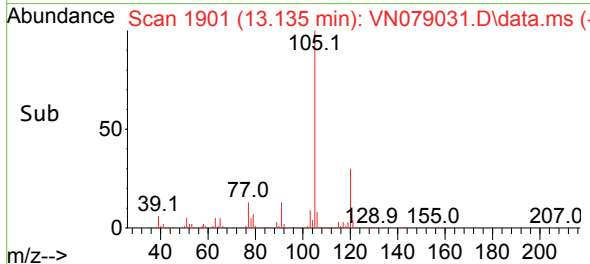
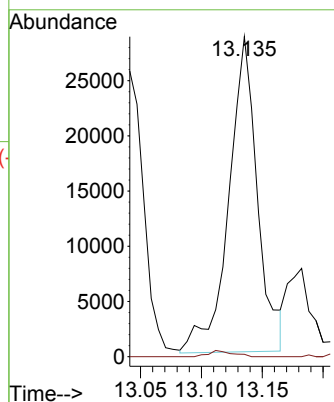
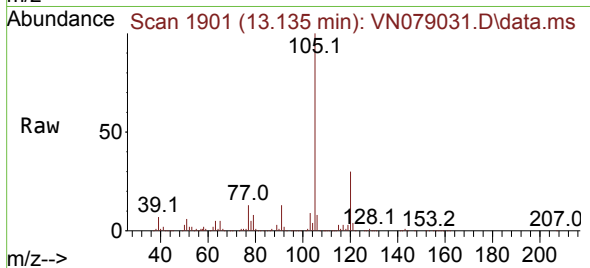




#79  
2-Chlorotoluene  
Concen: 3.856 ug/l  
RT: 13.135 min Scan# 1900  
Delta R.T. 0.006 min  
Lab File: VN079031.D  
Acq: 24 Aug 2023 15:05

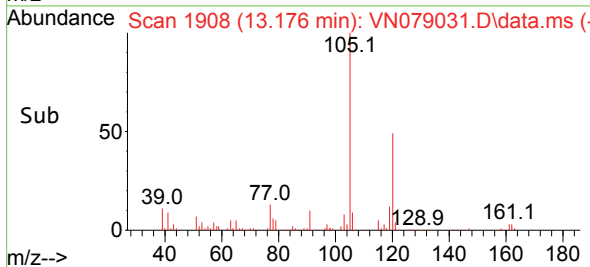
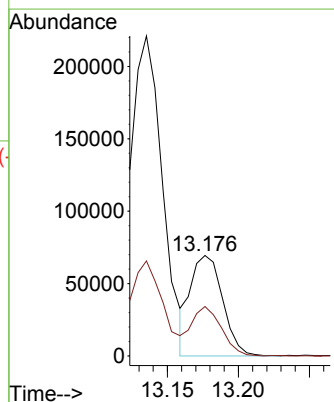
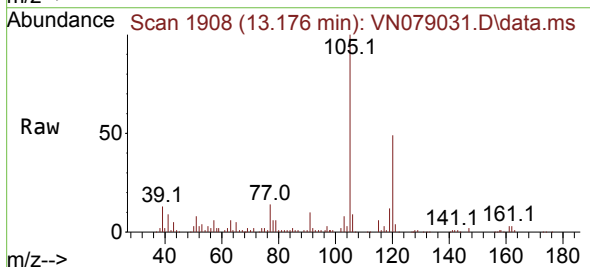
Instrument :  
MSVOA\_N  
ClientSampleId :

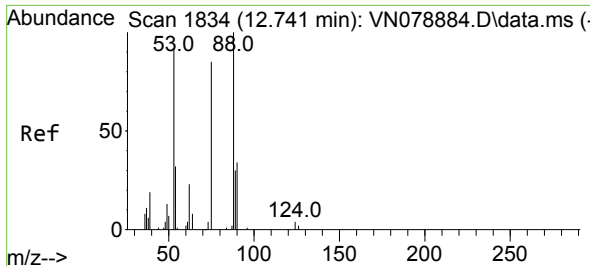
Tgt Ion: 91 Resp: 46962  
Ion Ratio Lower Upper  
91 100  
126 0.0 16.3 48.8#



#80  
1,3,5-Trimethylbenzene  
Concen: 8.181 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: VN079031.D  
Acq: 24 Aug 2023 15:05

Tgt Ion: 105 Resp: 109780  
Ion Ratio Lower Upper  
105 100  
120 45.9 24.1 72.3

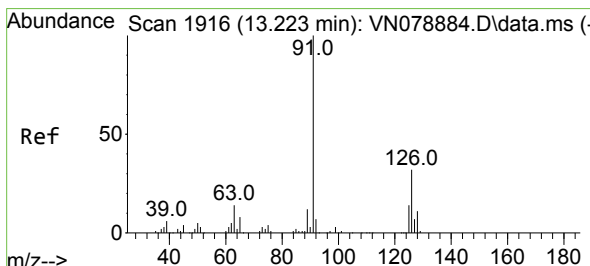
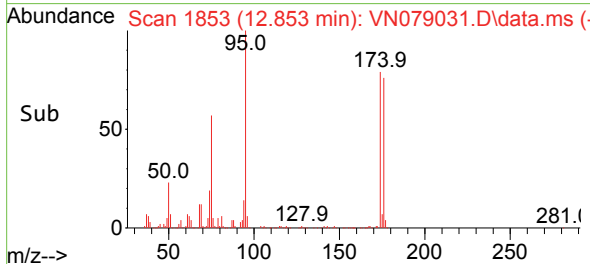
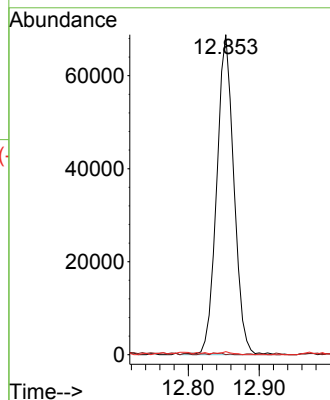
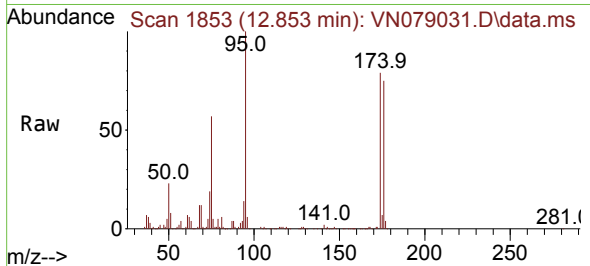




#81  
trans-1,4-Dichloro-2-butene  
Concen: 60.143 ug/l  
RT: 12.853 min Scan# 11  
Delta R.T. 0.112 min  
Lab File: VN079031.D  
Acq: 24 Aug 2023 15:05

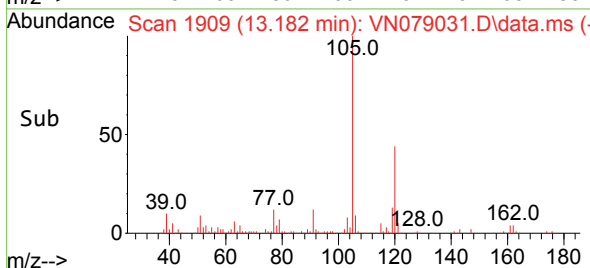
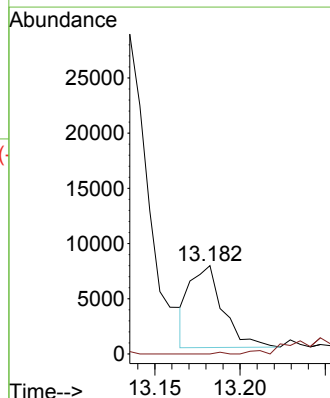
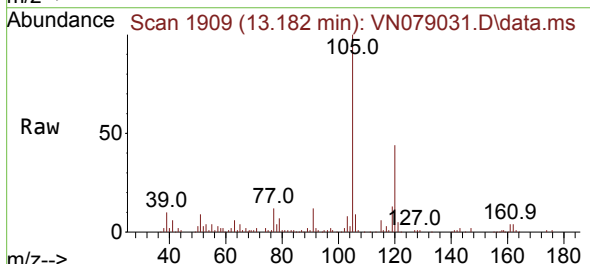
Instrument :  
MSVOA\_N  
ClientSampleId :

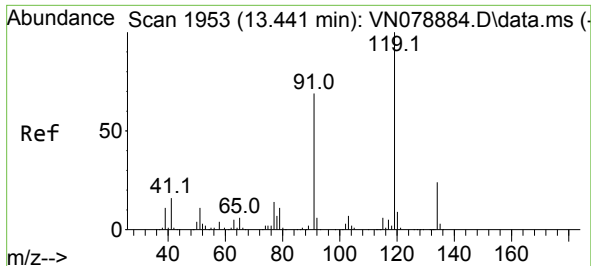
Tgt Ion: 75 Resp: 115200  
Ion Ratio Lower Upper  
75 100  
53 0.5 67.4 101.2#  
89 0.7 38.8 58.2#



#82  
4-Chlorotoluene  
Concen: 0.841 ug/l  
RT: 13.182 min Scan# 1909  
Delta R.T. -0.047 min  
Lab File: VN079031.D  
Acq: 24 Aug 2023 15:05

Tgt Ion: 91 Resp: 10017  
Ion Ratio Lower Upper  
91 100  
126 0.0 16.7 50.0#

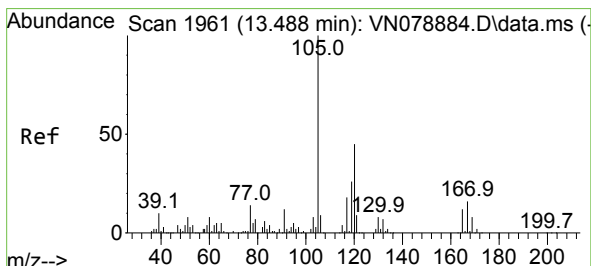
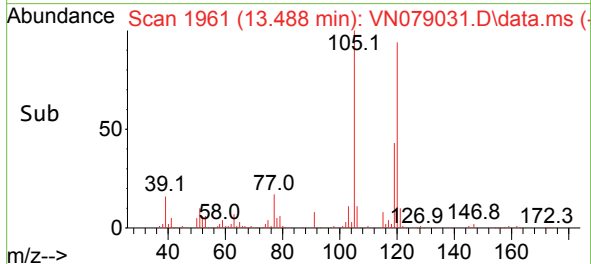
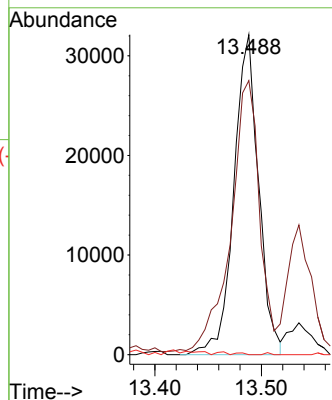
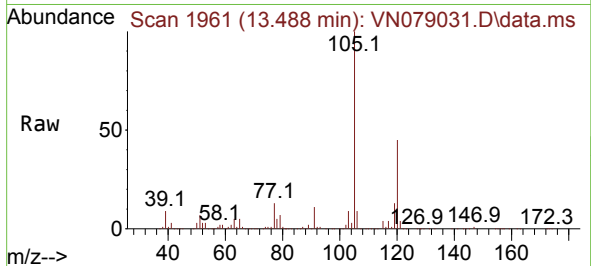




#83  
tert-Butylbenzene  
Concen: 4.599 ug/l  
RT: 13.488 min Scan# 1953  
Delta R.T. 0.047 min  
Lab File: VN079031.D  
Acq: 24 Aug 2023 15:05

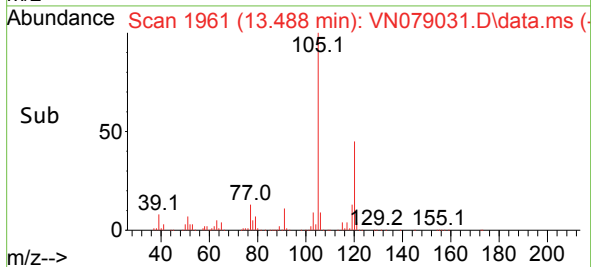
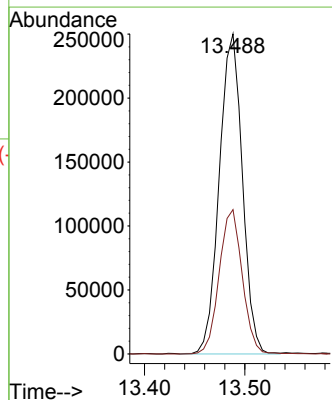
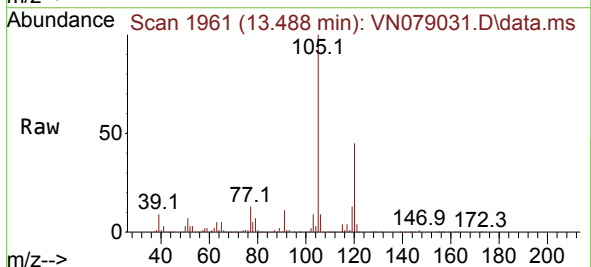
Instrument :  
MSVOA\_N  
ClientSampleId :

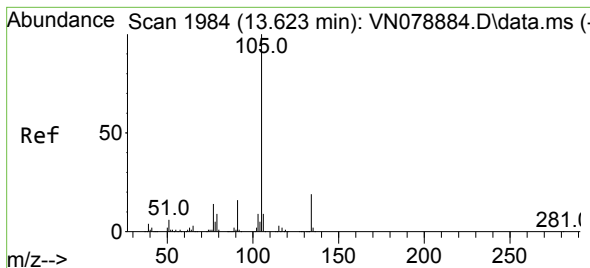
Tgt Ion:119 Resp: 51853  
Ion Ratio Lower Upper  
119 100  
91 97.3 33.9 101.7  
134 0.0 13.2 39.6#



#84  
1,2,4-Trimethylbenzene  
Concen: 30.076 ug/l  
RT: 13.488 min Scan# 1961  
Delta R.T. 0.000 min  
Lab File: VN079031.D  
Acq: 24 Aug 2023 15:05

Tgt Ion:105 Resp: 399619  
Ion Ratio Lower Upper  
105 100  
120 45.2 22.0 66.0





#85

sec-Butylbenzene

Concen: 25.756 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.135 min

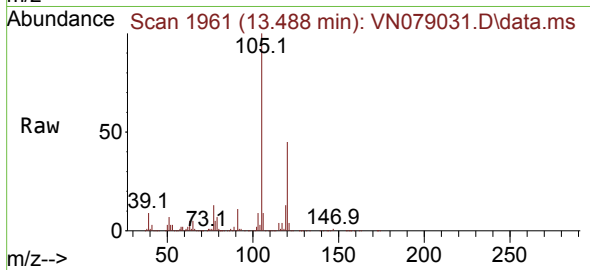
Lab File: VN079031.D

Acq: 24 Aug 2023 15:05

Instrument :

MSVOA\_N

ClientSampleId :

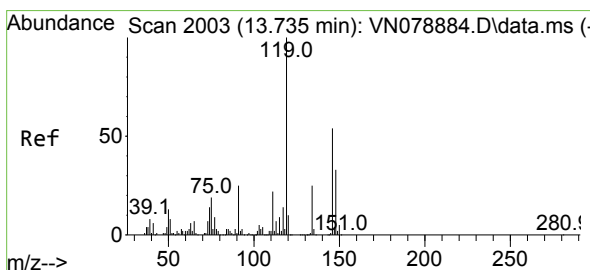
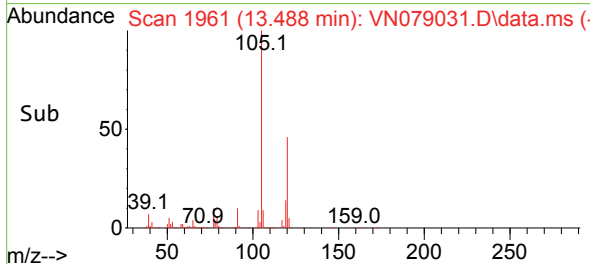
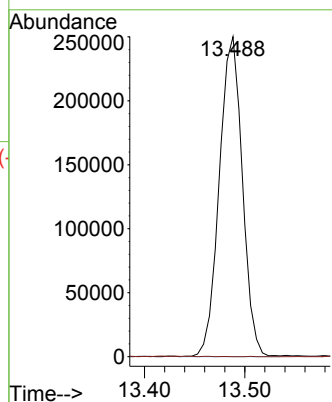


Tgt Ion:105 Resp: 399619

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.3#



#86

p-Isopropyltoluene

Concen: 4.700 ug/l

RT: 13.676 min Scan# 1993

Delta R.T. -0.059 min

Lab File: VN079031.D

Acq: 24 Aug 2023 15:05

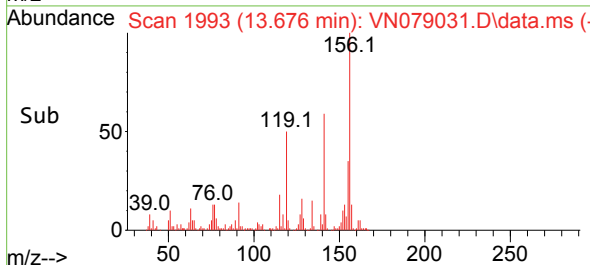
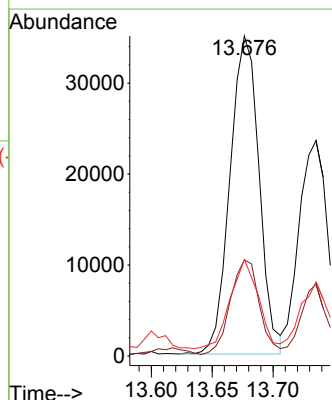
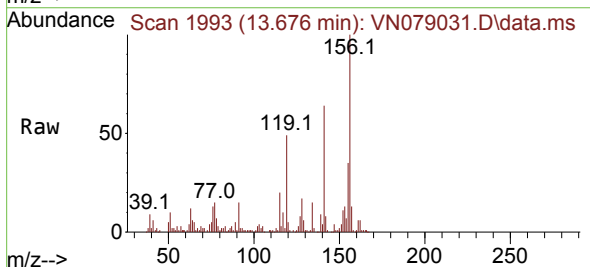
Tgt Ion:119 Resp: 58267

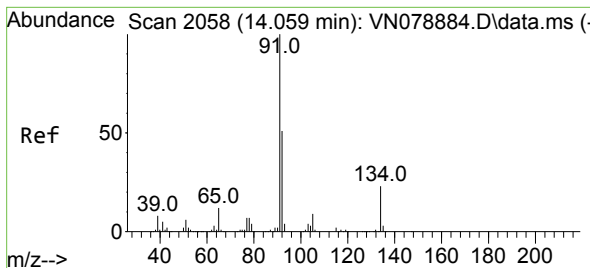
Ion Ratio Lower Upper

119 100

134 29.9 12.6 37.8

91 26.9 12.4 37.2





#89

n-Butylbenzene

Concen: 50.859 ug/l

RT: 14.000 min Scan# 2058

Delta R.T. -0.059 min

Lab File: VN079031.D

Acq: 24 Aug 2023 15:05

Instrument :

MSVOA\_N

ClientSampleId :

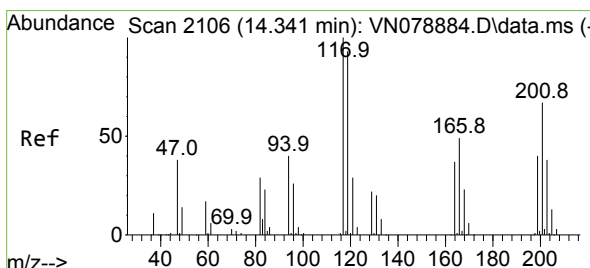
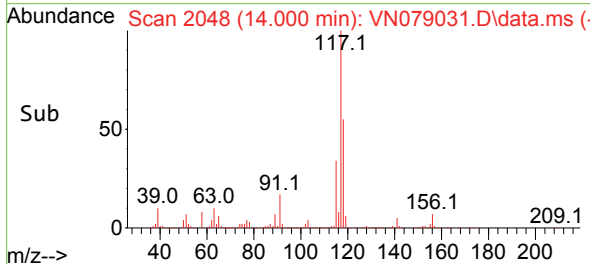
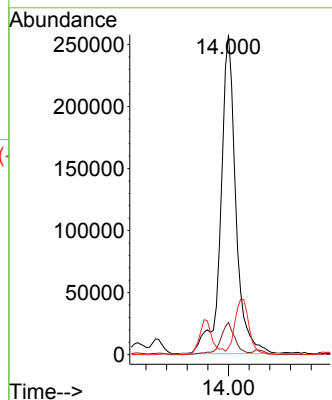
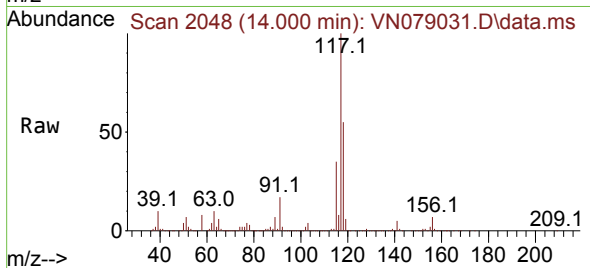
Tgt Ion: 91 Resp: 518847

Ion Ratio Lower Upper

91 100

92 9.9 26.4 79.0#

134 0.0 12.6 37.6#



#90

Hexachloroethane

Concen: 10.232 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN079031.D

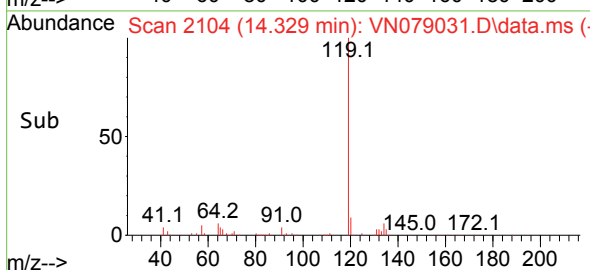
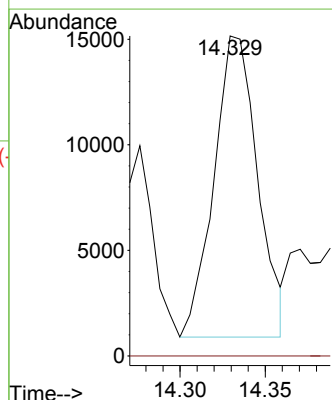
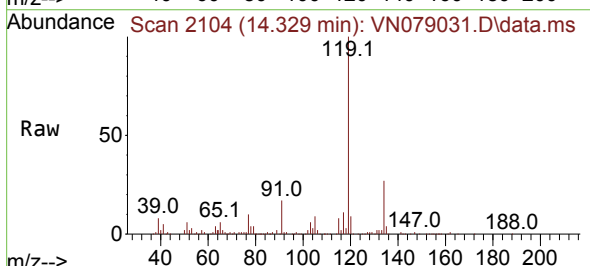
Acq: 24 Aug 2023 15:05

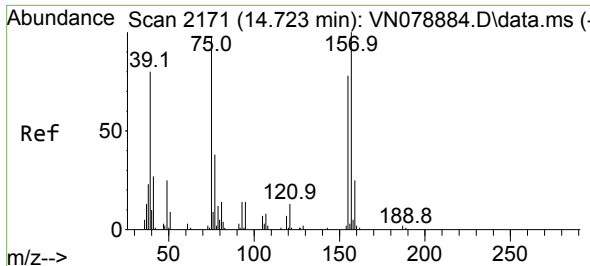
Tgt Ion: 117 Resp: 25426

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.741 min Scan# 2171

Delta R.T. 0.018 min

Lab File: VN079031.D

Acq: 24 Aug 2023 15:05

Instrument :

MSVOA\_N

ClientSampleId :

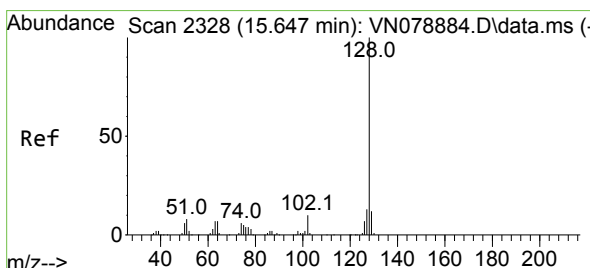
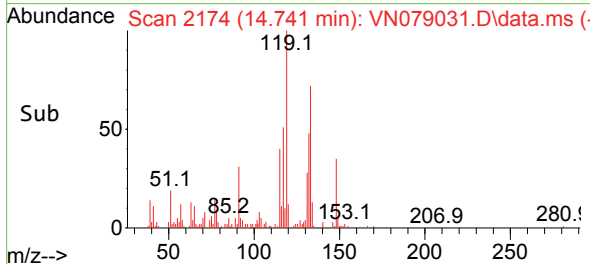
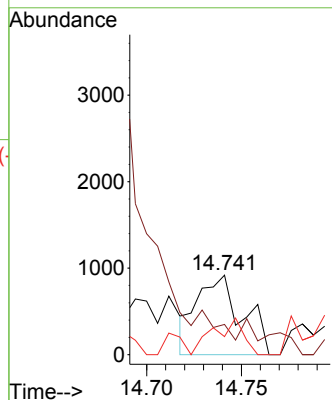
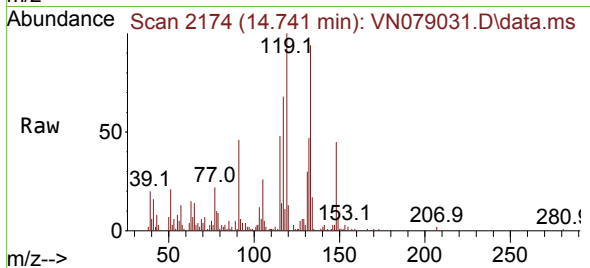
Tgt Ion: 75 Resp: 1520

Ion Ratio Lower Upper

75 100

155 0.0 39.1 117.2#

157 0.0 50.3 150.9#



#95

Naphthalene

Concen: 1738.436 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.006 min

Lab File: VN079031.D

Acq: 24 Aug 2023 15:05

Tgt Ion:128 Resp:17126467

Ion Ratio Lower Upper

128 100

127 14.1 10.0 15.0

129 11.6 8.7 13.1

