

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102323\  
 Data File : VN079636.D  
 Acq On : 23 Oct 2023 10:02  
 Operator : JC\MD  
 Sample : VN1023WBL01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Oct 23 23:45:15 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N100523W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 06 03:34:49 2023  
 Response via : Initial Calibration

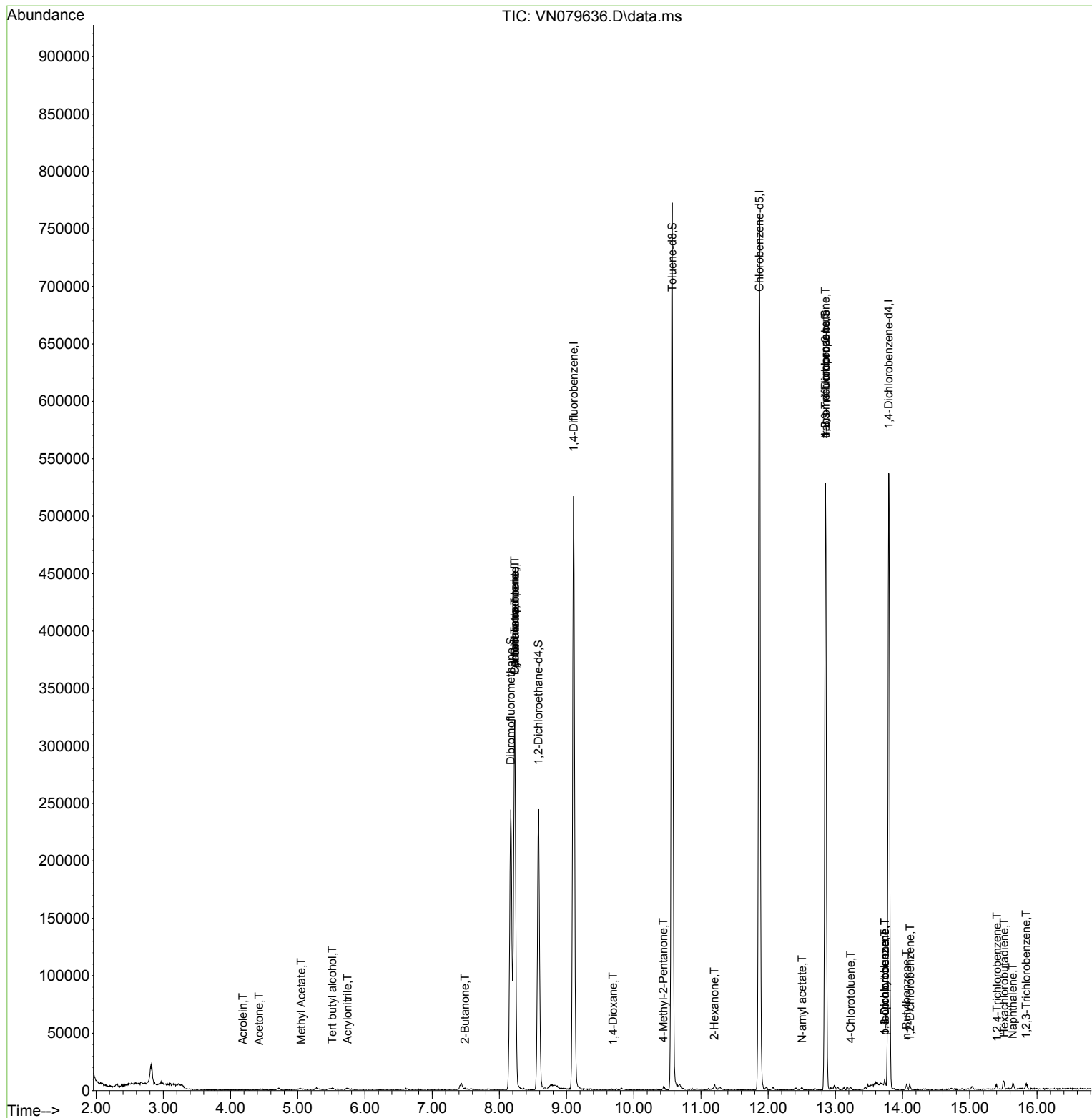
| Compound                      | R.T.   | QIon  | Response | Conc      | Units      | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|------------|----------|
| -----                         |        |       |          |           |            |          |
| Internal Standards            |        |       |          |           |            |          |
| 1) Pentafluorobenzene         | 8.230  | 168   | 225912   | 50.000    | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.106  | 114   | 428336   | 50.000    | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 11.871 | 117   | 432251   | 50.000    | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.794 | 152   | 137942   | 50.000    | ug/l       | 0.00     |
| System Monitoring Compounds   |        |       |          |           |            |          |
| 33) 1,2-Dichloroethane-d4     | 8.583  | 65    | 188922   | 51.576    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery  | = 103.160% |          |
| 35) Dibromofluoromethane      | 8.171  | 113   | 171902   | 55.845    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery  | = 111.700% |          |
| 50) Toluene-d8                | 10.571 | 98    | 514744   | 46.216    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery  | = 92.440%  |          |
| 62) 4-Bromofluorobenzene      | 12.853 | 95    | 173889   | 48.649    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery  | = 97.300%  |          |
| Target Compounds              |        |       |          |           |            |          |
|                               |        |       |          |           | Qvalue     |          |
| 11) Tert butyl alcohol        | 5.512  | 59    | 428      | 0.776     | ug/l #     | 72       |
| 13) Acrolein                  | 4.183  | 56    | 125      | 0.228     | ug/l #     | 16       |
| 15) Acrylonitrile             | 5.742  | 53    | 1054     | 0.659     | ug/l #     | 87       |
| 16) Acetone                   | 4.424  | 43    | 382      | 0.263     | ug/l #     | 40       |
| 18) Methyl Acetate            | 5.053  | 43    | 2051     | 0.288     | ug/l #     | 47       |
| 20) Methylene Chloride        | 5.289  | 84    | 1010     | Below Cal | #          | 72       |
| 25) 2-Butanone                | 7.488  | 43    | 1301     | 0.603     | ug/l #     | 37       |
| 31) Cyclohexane               | 8.230  | 56    | 6371     | 1.226     | ug/l #     | 41       |
| 36) 1,1-Dichloropropene       | 8.230  | 75    | 19675    | 4.259     | ug/l #     | 48       |
| 38) Carbon Tetrachloride      | 8.230  | 117   | 25368    | 5.485     | ug/l #     | 16       |
| 49) 1,4-Dioxane               | 9.694  | 88    | 66       | 1.038     | ug/l #     | 30       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43    | 1749     | 0.385     | ug/l #     | 84       |
| 59) 2-Hexanone                | 11.200 | 43    | 3302     | 1.007     | ug/l       | 74       |
| 74) N-amyl acetate            | 12.506 | 43    | 1295     | 0.246     | ug/l #     | 76       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83    | 1006     | Below Cal | #          | 77       |
| 76) 1,2,3-Trichloropropane    | 12.853 | 75    | 96997    | 24.388    | ug/l #     | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.853 | 75    | 96997    | 70.763    | ug/l #     | 15       |
| 82) 4-Chlorotoluene           | 13.229 | 91    | 1864     | 0.211     | ug/l       | 100      |
| 86) p-Isopropyltoluene        | 13.735 | 119   | 1902     | 0.214     | ug/l       | 86       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146   | 1448     | 0.290     | ug/l       | 76       |
| 88) 1,4-Dichlorobenzene       | 13.735 | 146   | 1448     | 0.281     | ug/l       | 77       |
| 89) n-Butylbenzene            | 14.059 | 91    | 2835     | 0.400     | ug/l       | 93       |
| 90) Hexachloroethane          | 14.335 | 117   | 238      | Below Cal |            | 83       |
| 91) 1,2-Dichlorobenzene       | 14.112 | 146   | 1880     | 0.386     | ug/l       | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.406 | 180   | 1243     | 0.824     | ug/l       | 70       |
| 94) Hexachlorobutadiene       | 15.511 | 225   | 1530     | 1.303     | ug/l       | 85       |
| 95) Naphthalene               | 15.641 | 128   | 5442     | 1.182     | ug/l       | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180   | 1972     | 1.096     | ug/l       | 81       |
| -----                         |        |       |          |           |            |          |

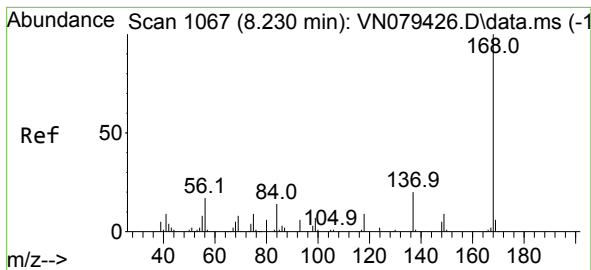
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102323\  
Data File : VN079636.D  
Acq On : 23 Oct 2023 10:02  
Operator : JC\MD  
Sample : VN1023WBL01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

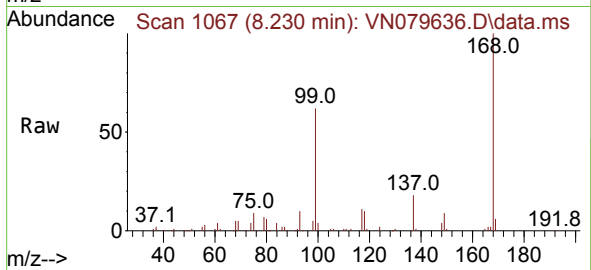
Quant Time: Oct 23 23:45:15 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N100523W.M  
Quant Title : SW846 8260  
QLast Update : Fri Oct 06 03:34:49 2023  
Response via : Initial Calibration



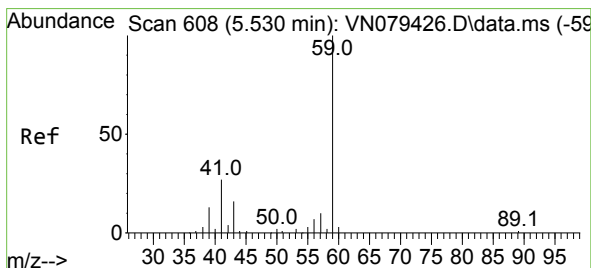
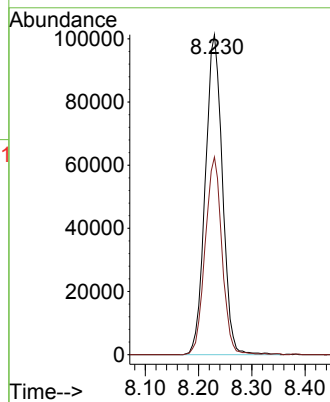
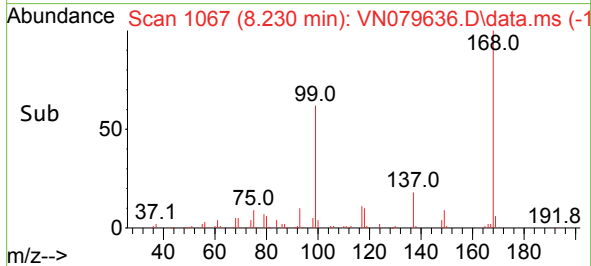


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VN079636.D  
Acq: 23 Oct 2023 10:02

Instrument :  
MSVOA\_N  
ClientSampleId :

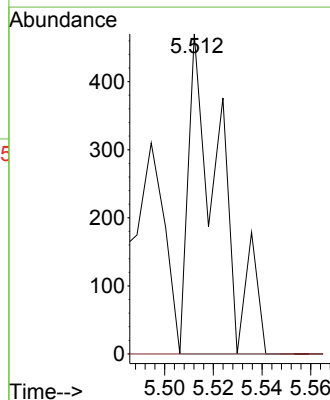
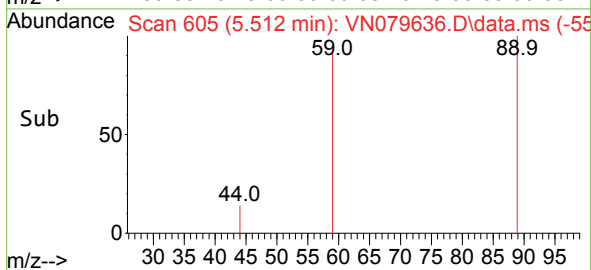
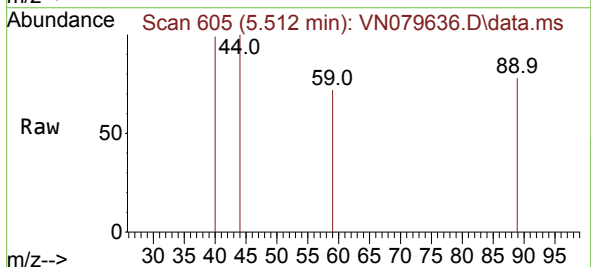


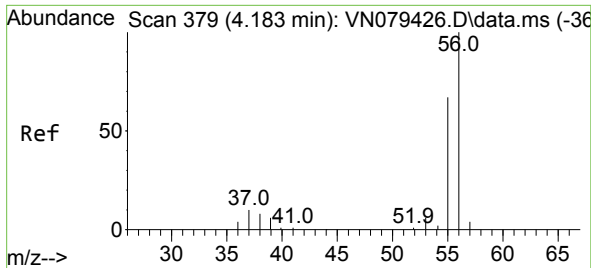
Tgt Ion:168 Resp: 225912  
Ion Ratio Lower Upper  
168 100  
99 61.7 53.0 79.6



#11  
Tert butyl alcohol  
Concen: 0.776 ug/l  
RT: 5.512 min Scan# 605  
Delta R.T. -0.018 min  
Lab File: VN079636.D  
Acq: 23 Oct 2023 10:02

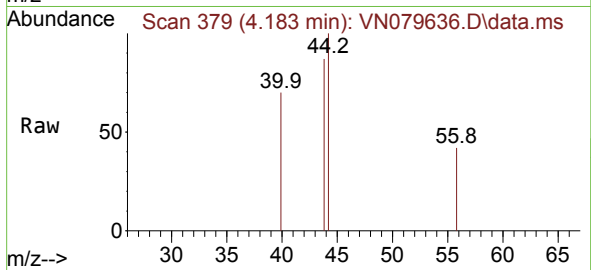
Tgt Ion: 59 Resp: 428  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.4#



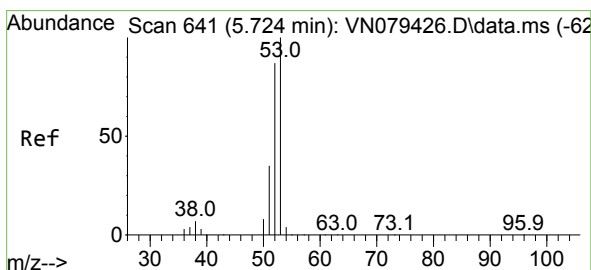
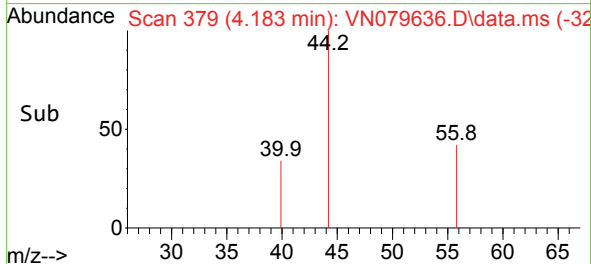
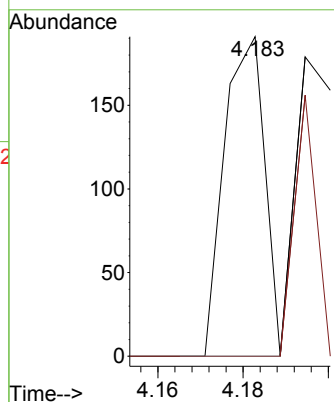


#13  
Acrolein  
Concen: 0.228 ug/l  
RT: 4.183 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN079636.D  
Acq: 23 Oct 2023 10:02

Instrument :  
MSVOA\_N  
ClientSampleId :

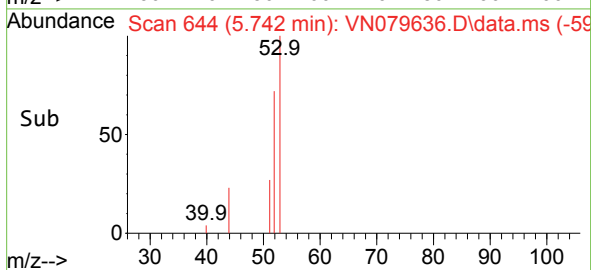
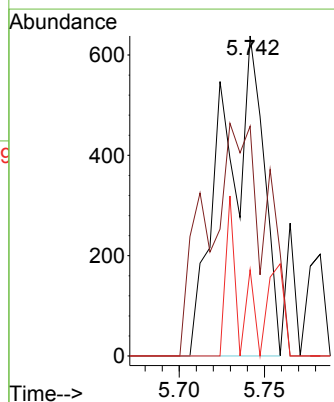
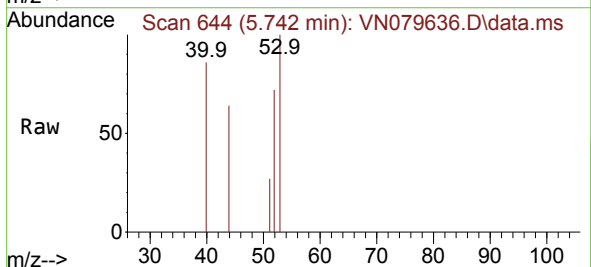


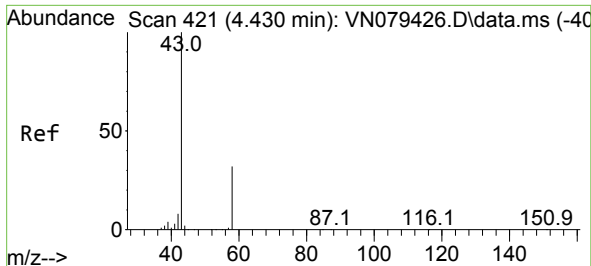
Tgt Ion: 56 Resp: 125  
Ion Ratio Lower Upper  
56 100  
55 0.0 54.5 81.7#



#15  
Acrylonitrile  
Concen: 0.659 ug/l  
RT: 5.742 min Scan# 644  
Delta R.T. 0.018 min  
Lab File: VN079636.D  
Acq: 23 Oct 2023 10:02

Tgt Ion: 53 Resp: 1054  
Ion Ratio Lower Upper  
53 100  
52 77.6 65.3 97.9  
51 16.4 28.9 43.3#

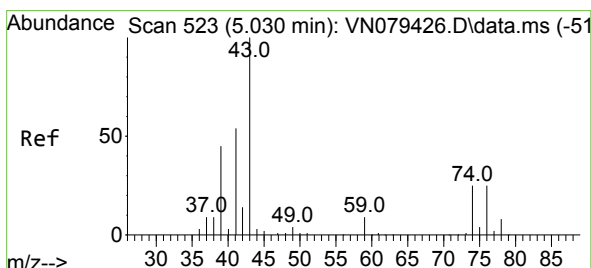
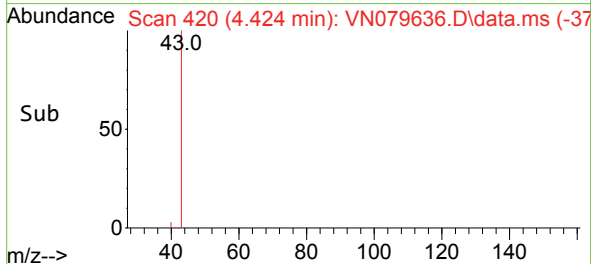
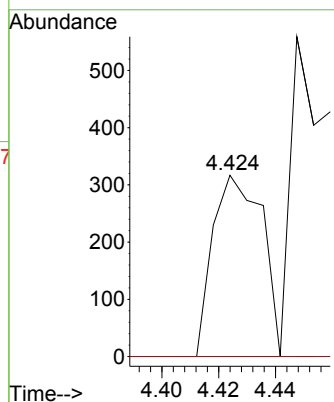
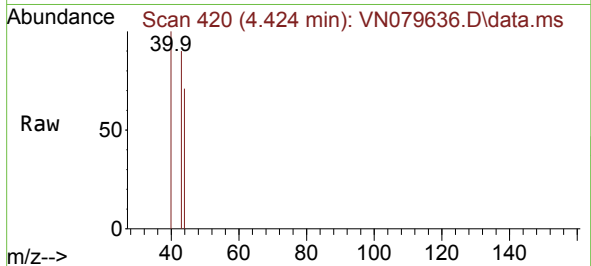




#16  
Acetone  
Concen: 0.263 ug/l  
RT: 4.424 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VN079636.D  
Acq: 23 Oct 2023 10:02

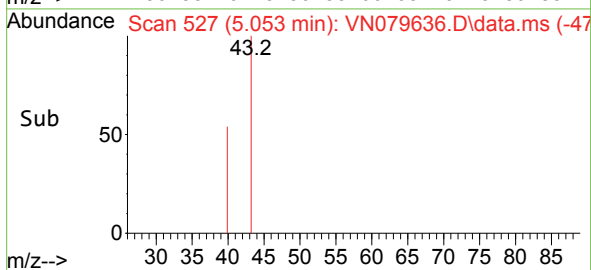
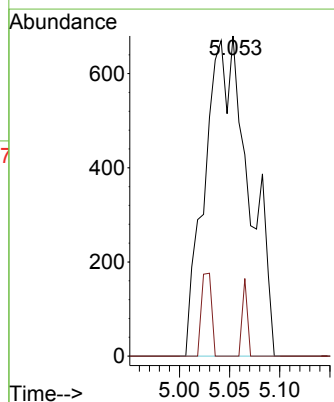
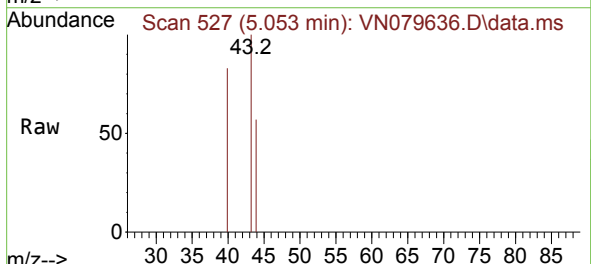
Instrument :  
MSVOA\_N  
ClientSampleId :

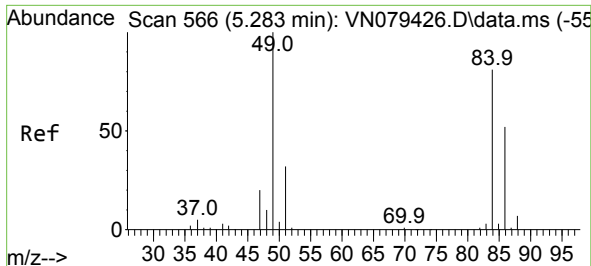
Tgt Ion: 43 Resp: 382  
Ion Ratio Lower Upper  
43 100  
58 0.0 28.0 42.0#



#18  
Methyl Acetate  
Concen: 0.288 ug/l  
RT: 5.053 min Scan# 527  
Delta R.T. 0.024 min  
Lab File: VN079636.D  
Acq: 23 Oct 2023 10:02

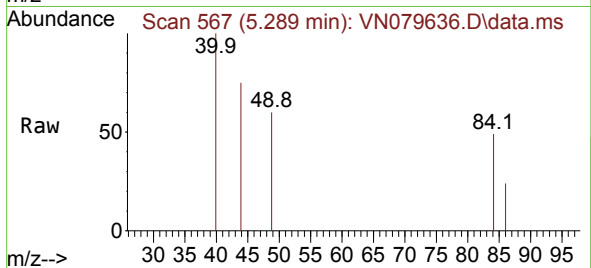
Tgt Ion: 43 Resp: 2051  
Ion Ratio Lower Upper  
43 100  
74 2.8 26.2 39.4#





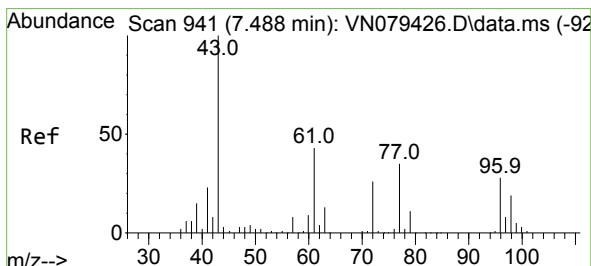
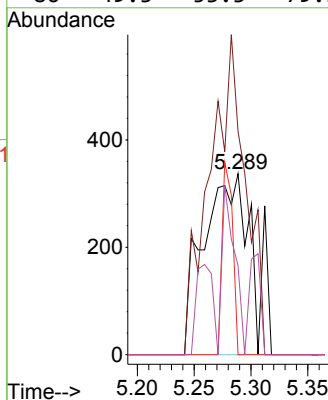
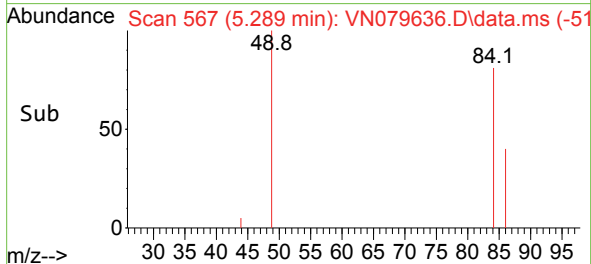
#20  
Methylene Chloride  
Concen: Below Cal  
RT: 5.289 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN079636.D  
Acq: 23 Oct 2023 10:02

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 84 Resp: 1010

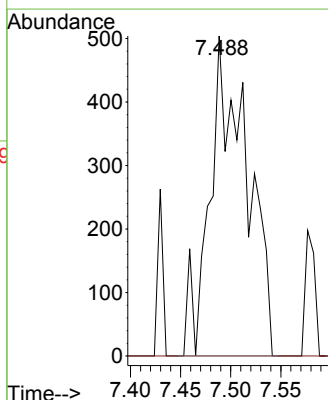
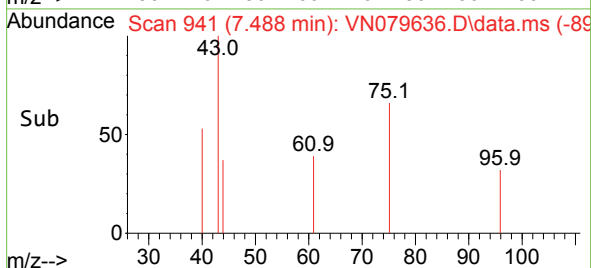
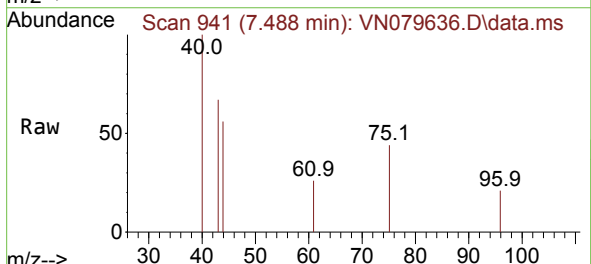
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 84  | 100   |       |        |
| 49  | 123.4 | 79.7  | 119.5# |
| 51  | 0.0   | 25.2  | 37.8#  |
| 86  | 49.3  | 53.3  | 79.9#  |

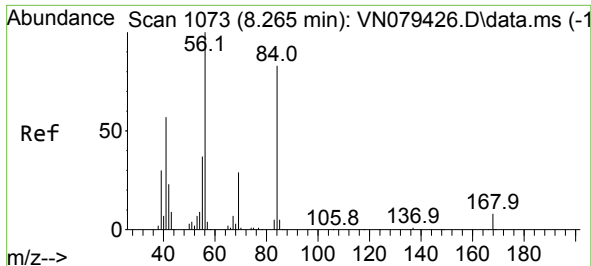


#25  
2-Butanone  
Concen: 0.603 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: VN079636.D  
Acq: 23 Oct 2023 10:02

Tgt Ion: 43 Resp: 1301

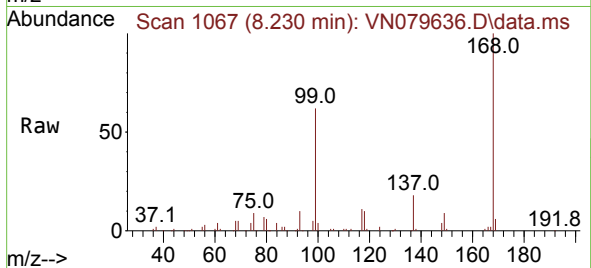
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 72  | 0.0   | 30.2  | 45.2# |



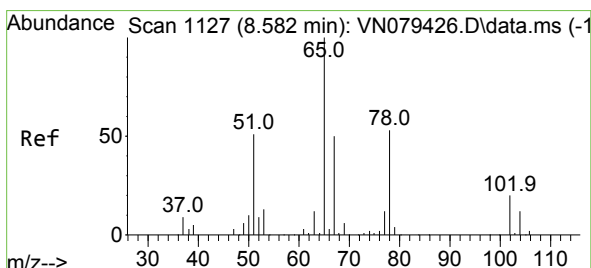
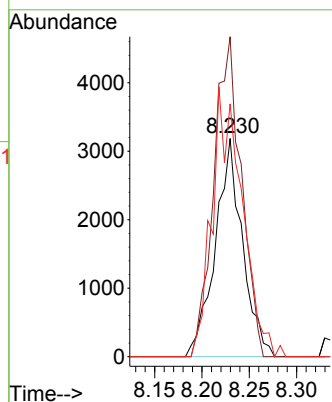
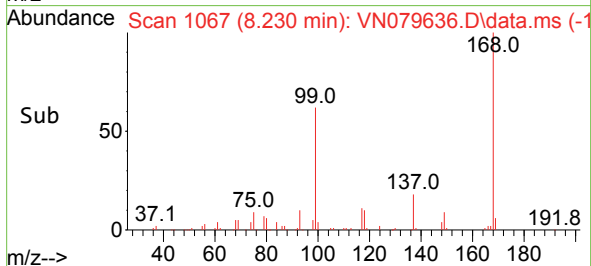


#31  
Cyclohexane  
Concen: 1.226 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. -0.035 min  
Lab File: VN079636.D  
Acq: 23 Oct 2023 10:02

Instrument :  
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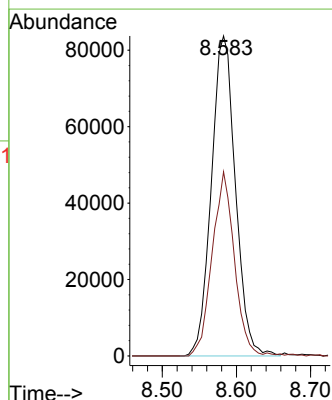
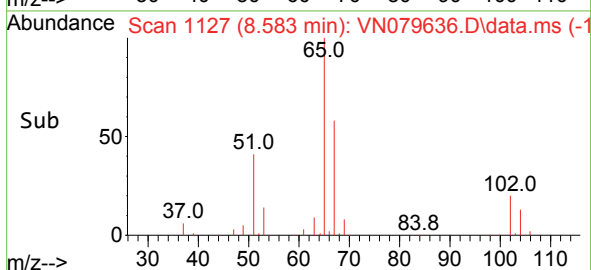
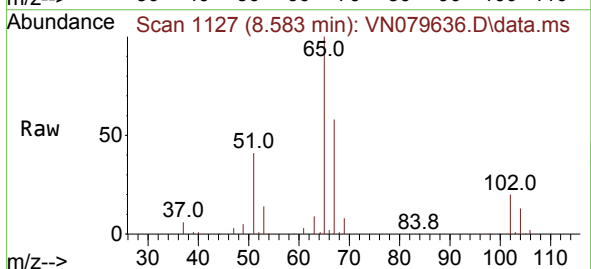


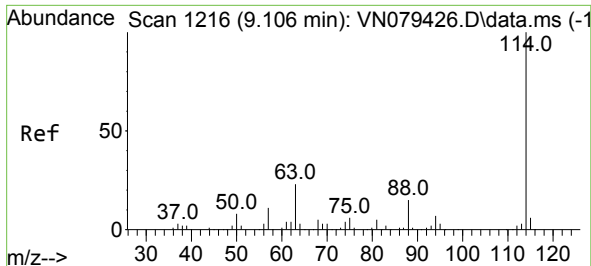
Tgt Ion: 56 Resp: 6371  
Ion Ratio Lower Upper  
56 100  
69 146.6 26.8 40.2#  
84 115.8 81.8 122.6



#33  
1,2-Dichloroethane-d4  
Concen: 51.576 ug/l  
RT: 8.583 min Scan# 1127  
Delta R.T. 0.000 min  
Lab File: VN079636.D  
Acq: 23 Oct 2023 10:02

Tgt Ion: 65 Resp: 188922  
Ion Ratio Lower Upper  
65 100  
67 52.8 0.0 106.6

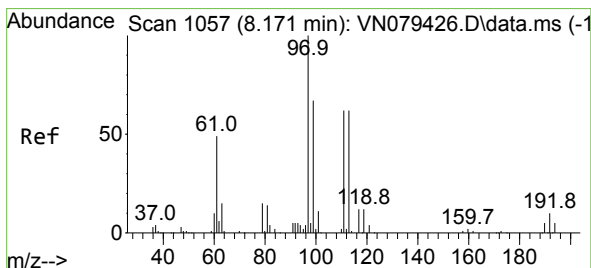
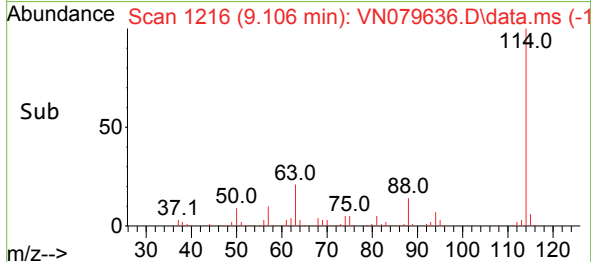
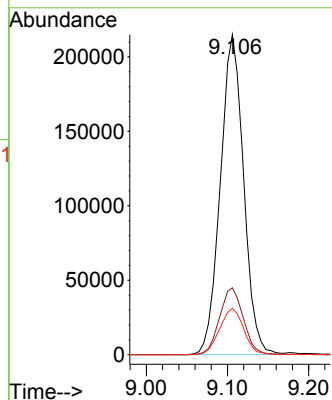
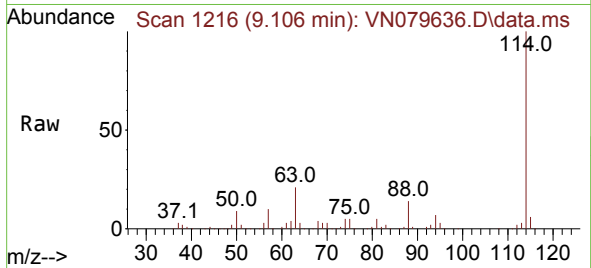




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN079636.D  
Acq: 23 Oct 2023 10:02

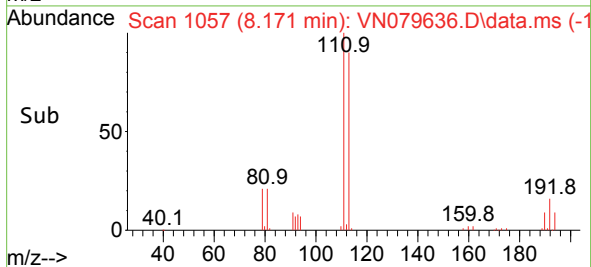
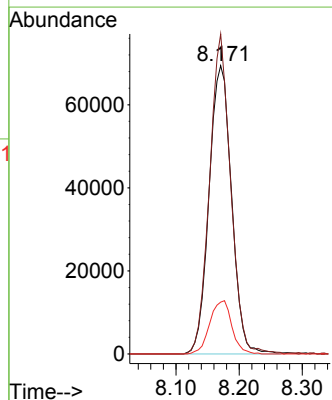
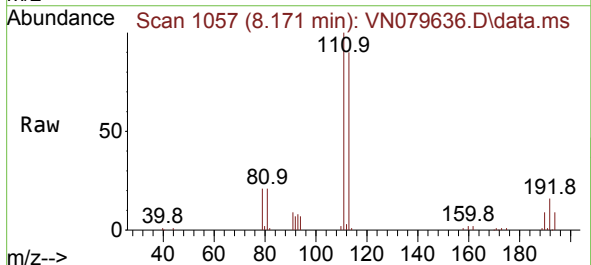
Instrument :  
MSVOA\_N  
ClientSampleId :

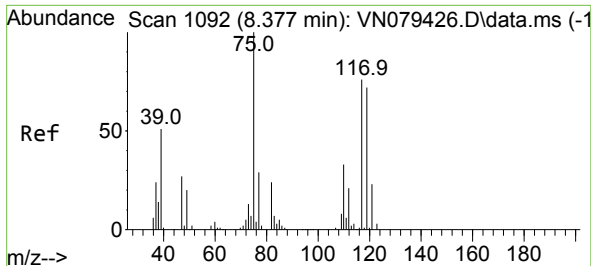
Tgt Ion:114 Resp: 428336  
Ion Ratio Lower Upper  
114 100  
63 20.9 0.0 36.4  
88 14.5 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 55.845 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. 0.000 min  
Lab File: VN079636.D  
Acq: 23 Oct 2023 10:02

Tgt Ion:113 Resp: 171902  
Ion Ratio Lower Upper  
113 100  
111 104.0 82.6 123.8  
192 18.1 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.259 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

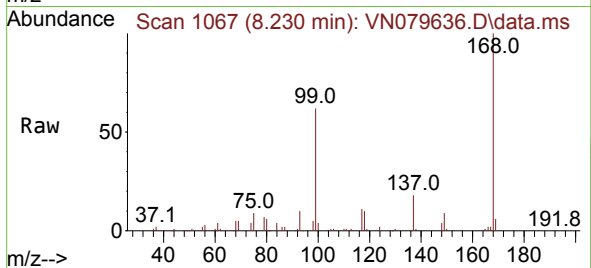
Lab File: VN079636.D

Acq: 23 Oct 2023 10:02

Instrument :

MSVOA\_N

ClientSampleId :



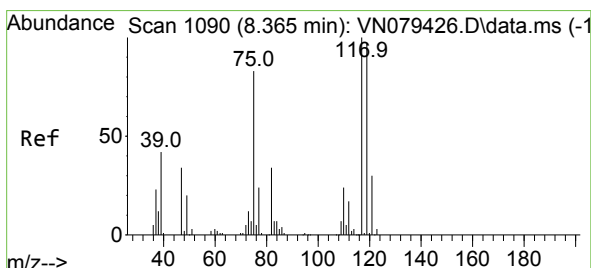
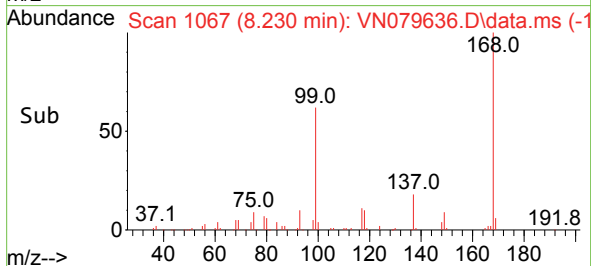
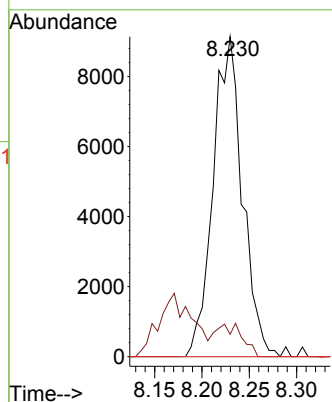
Tgt Ion: 75 Resp: 19675

Ion Ratio Lower Upper

75 100

110 9.5 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.485 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN079636.D

Acq: 23 Oct 2023 10:02

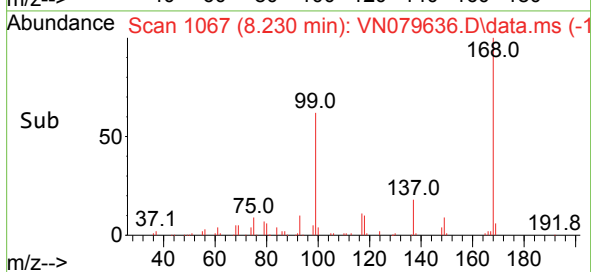
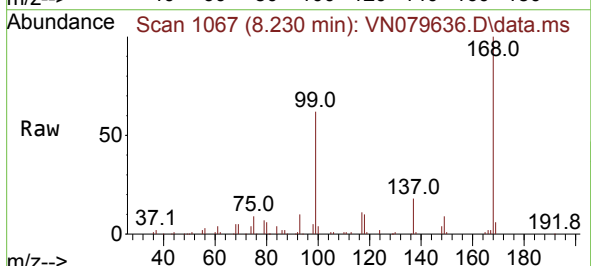
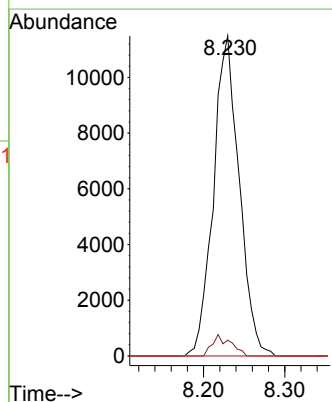
Tgt Ion: 117 Resp: 25368

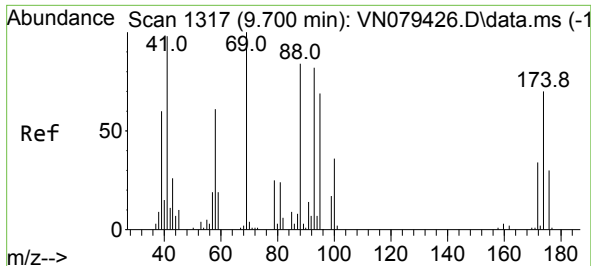
Ion Ratio Lower Upper

117 100

119 5.0 77.3 115.9#

121 0.0 23.3 34.9#





#49

1,4-Dioxane

Concen: 1.038 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.006 min

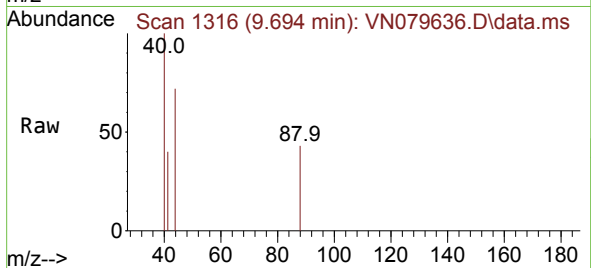
Lab File: VN079636.D

Acq: 23 Oct 2023 10:02

Instrument :

MSVOA\_N

ClientSampleId :



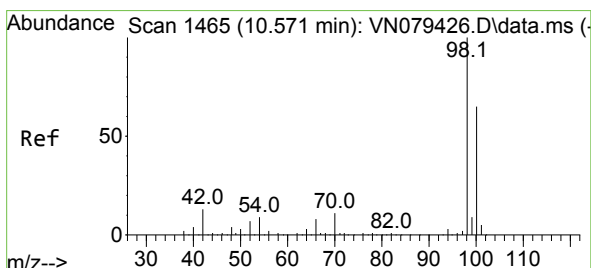
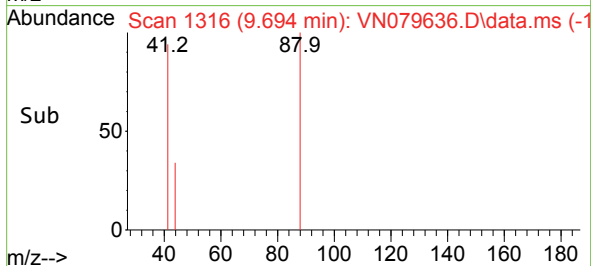
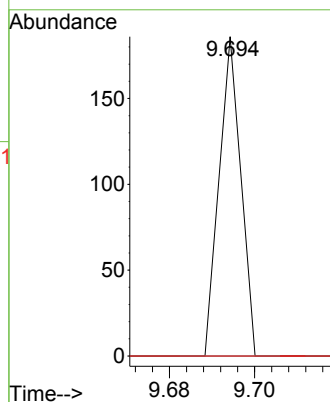
Tgt Ion: 88 Resp: 66

Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 0.0 47.0 70.4#



#50

Toluene-d8

Concen: 46.216 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079636.D

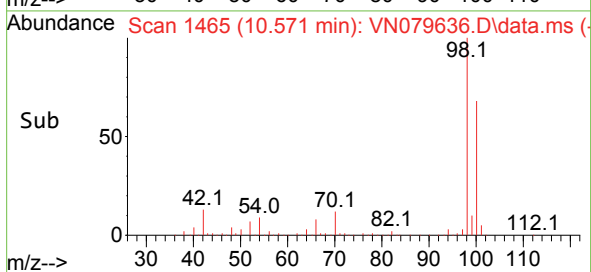
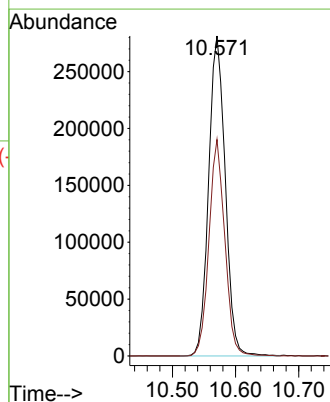
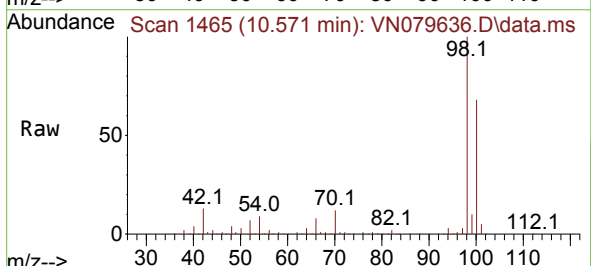
Acq: 23 Oct 2023 10:02

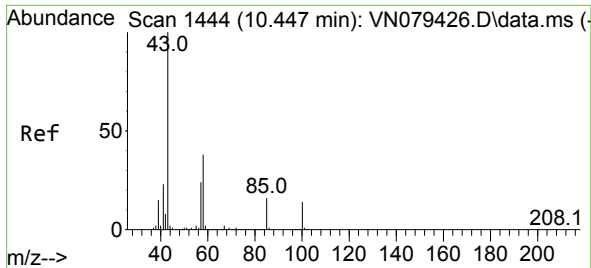
Tgt Ion: 98 Resp: 514744

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0

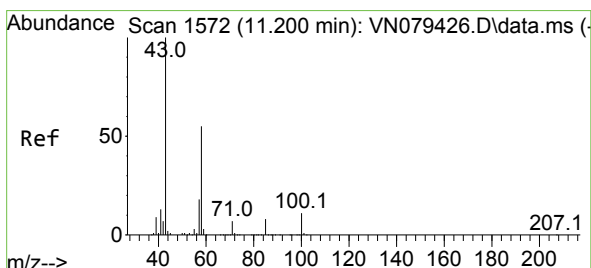
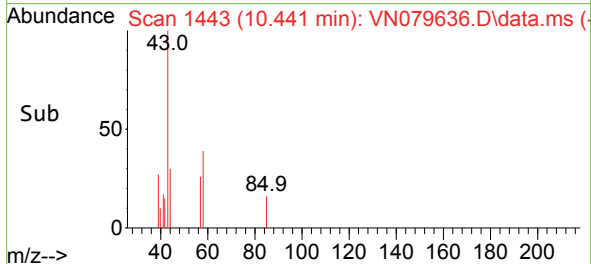
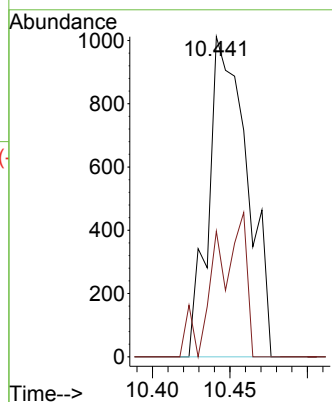
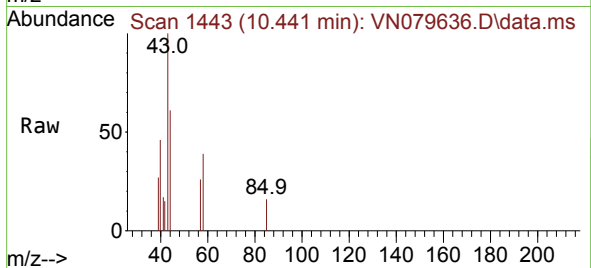




#51  
4-Methyl-2-Pentanone  
Concen: 0.385 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. -0.006 min  
Lab File: VN079636.D  
Acq: 23 Oct 2023 10:02

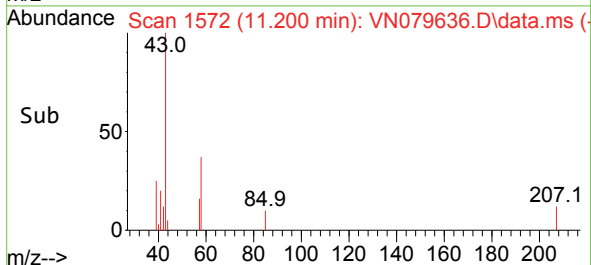
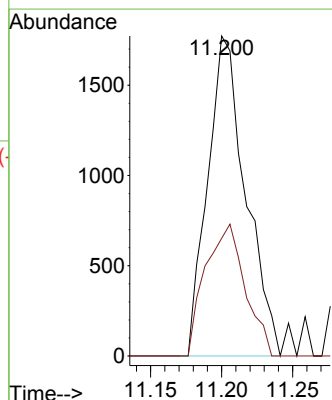
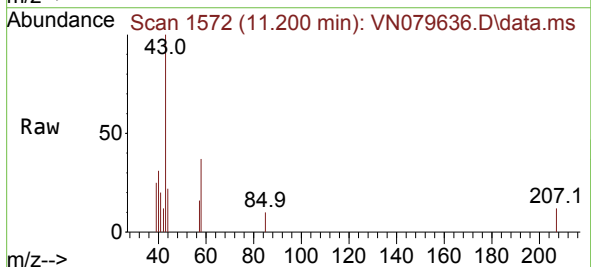
Instrument :  
MSVOA\_N  
ClientSampleId :

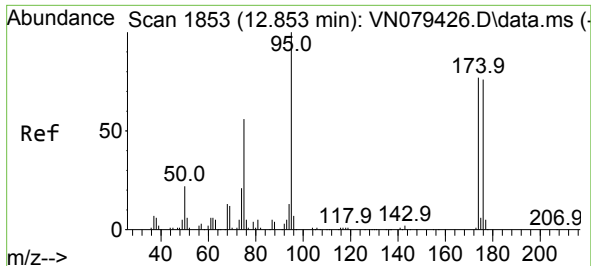
Tgt Ion: 43 Resp: 1749  
Ion Ratio Lower Upper  
43 100  
58 35.2 36.6 54.8#



#59  
2-Hexanone  
Concen: 1.007 ug/l  
RT: 11.200 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: VN079636.D  
Acq: 23 Oct 2023 10:02

Tgt Ion: 43 Resp: 3302  
Ion Ratio Lower Upper  
43 100  
58 43.1 31.7 95.1

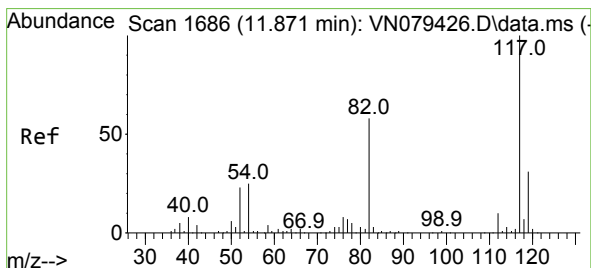
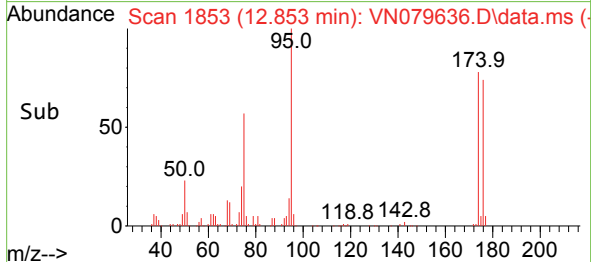
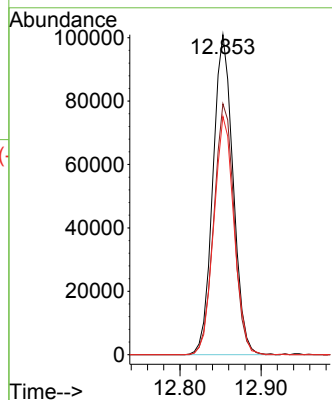
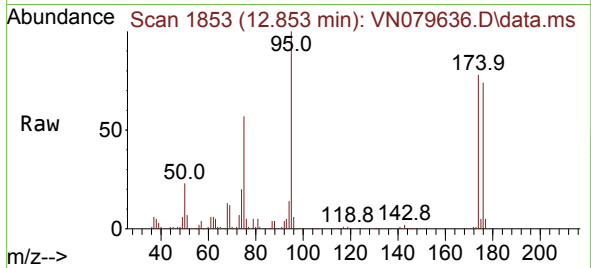




#62  
4-Bromofluorobenzene  
Concen: 48.649 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VN079636.D  
Acq: 23 Oct 2023 10:02

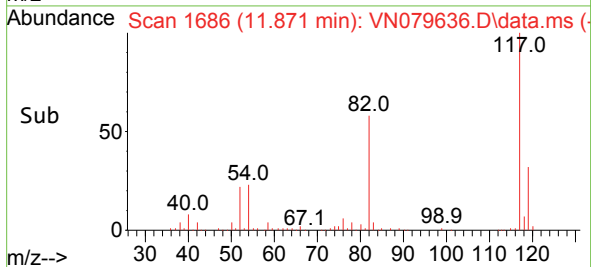
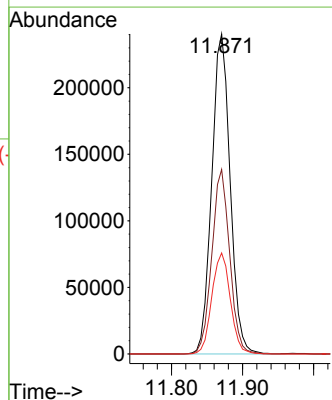
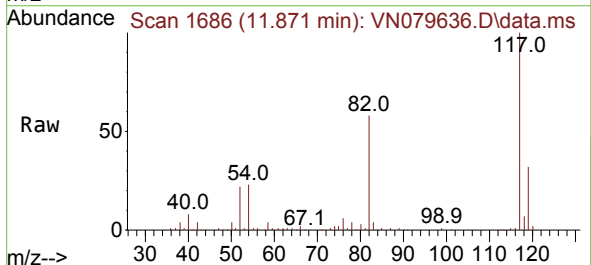
Instrument :  
MSVOA\_N  
ClientSampleId :

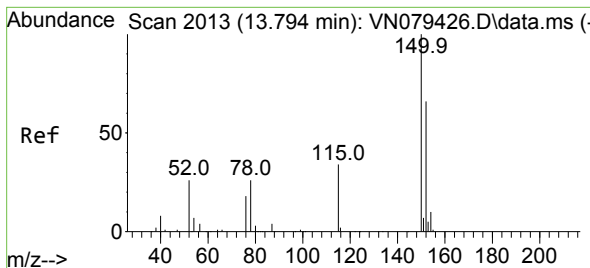
Tgt Ion: 95 Resp: 173889  
Ion Ratio Lower Upper  
95 100  
174 78.7 0.0 143.8  
176 74.8 0.0 135.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VN079636.D  
Acq: 23 Oct 2023 10:02

Tgt Ion: 117 Resp: 432251  
Ion Ratio Lower Upper  
117 100  
82 57.7 44.0 66.0  
119 31.6 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.000 min

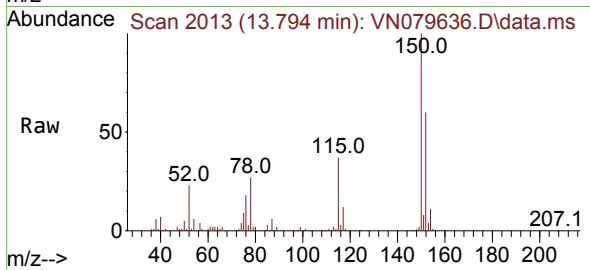
Lab File: VN079636.D

Acq: 23 Oct 2023 10:02

Instrument :

MSVOA\_N

ClientSampleId :



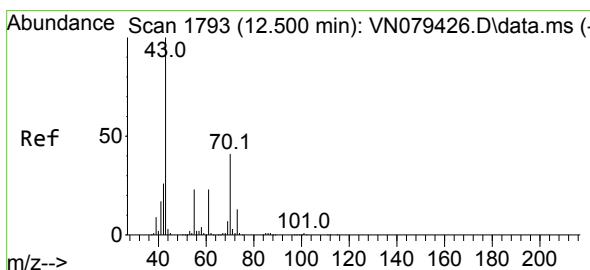
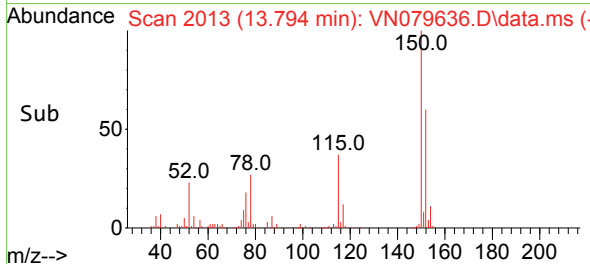
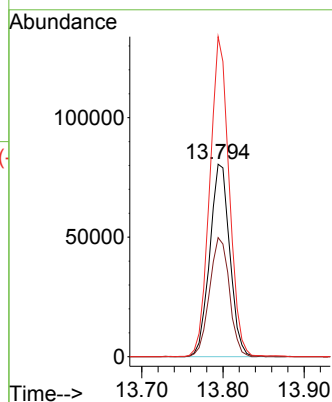
Tgt Ion:152 Resp: 137942

Ion Ratio Lower Upper

152 100

115 61.2 32.3 96.8

150 160.7 0.0 355.8



#74

N-ethyl acetate

Concen: 0.246 ug/l

RT: 12.506 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VN079636.D

Acq: 23 Oct 2023 10:02

Tgt Ion: 43 Resp: 1295

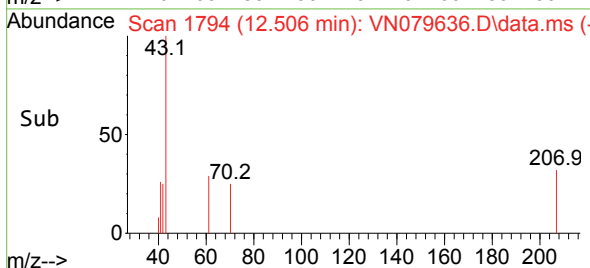
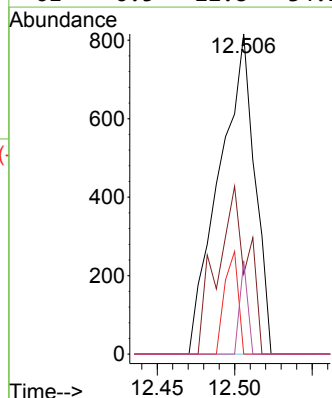
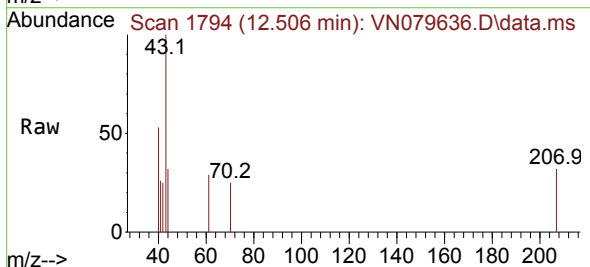
Ion Ratio Lower Upper

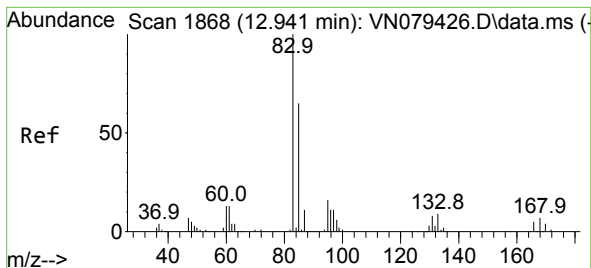
43 100

70 44.9 43.4 65.2

55 12.3 21.4 32.0#

61 6.5 22.8 34.2#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

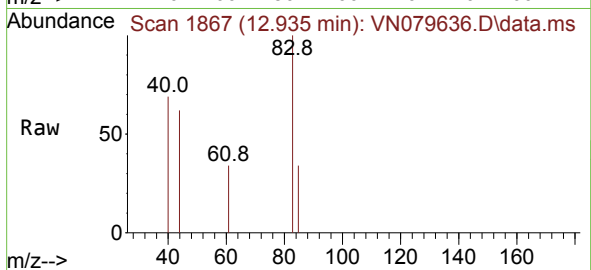
Lab File: VN079636.D

Acq: 23 Oct 2023 10:02

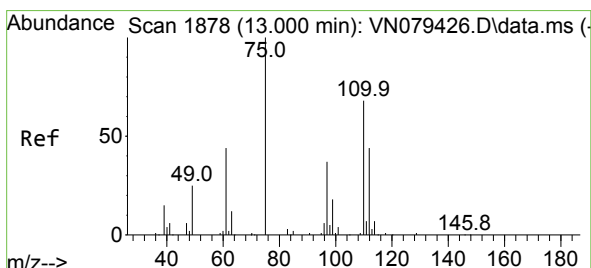
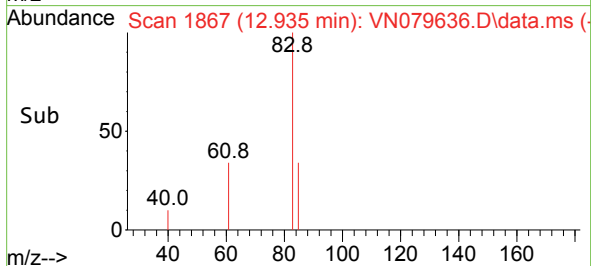
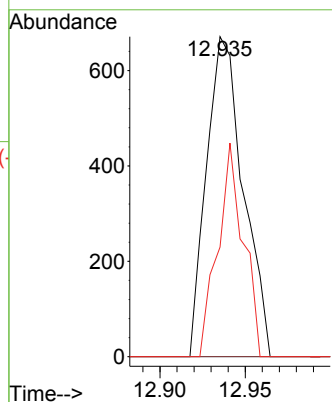
Instrument :

MSVOA\_N

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 1006  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 0.0   | 5.0   | 15.0# |
| 85       | 46.1  | 31.9  | 95.7  |



#76

1,2,3-Trichloropropane

Concen: 24.388 ug/l

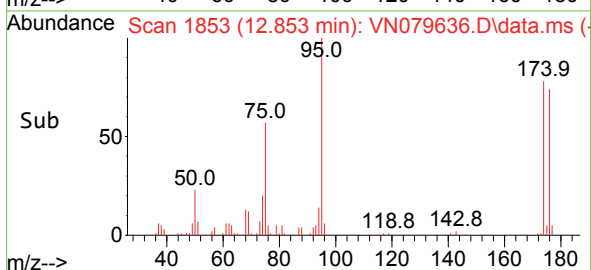
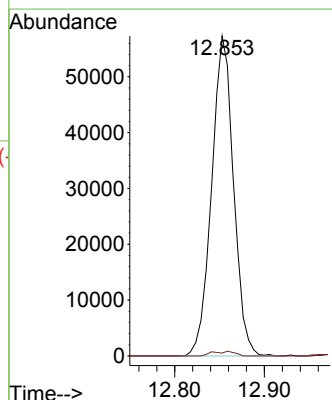
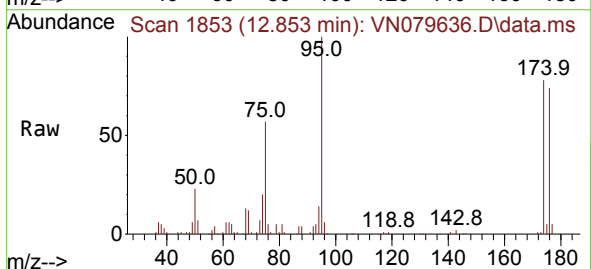
RT: 12.853 min Scan# 1853

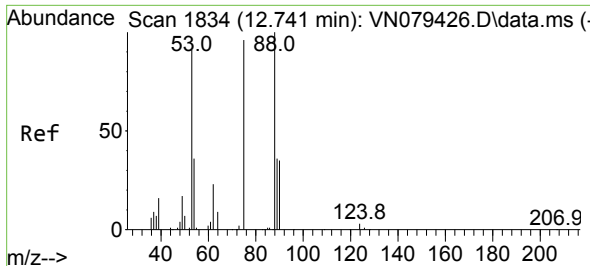
Delta R.T. -0.147 min

Lab File: VN079636.D

Acq: 23 Oct 2023 10:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 96997  |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 77       | 1.5   | 84.5  | 253.5# |

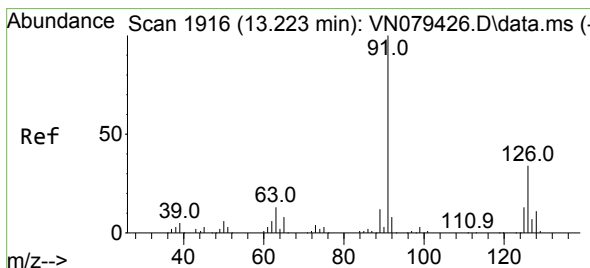
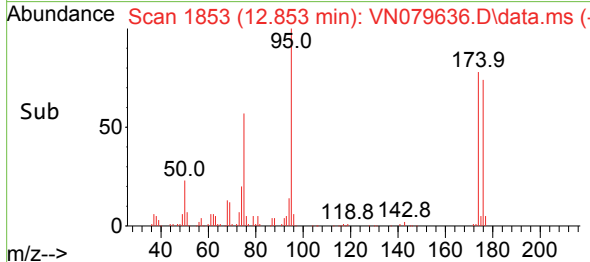
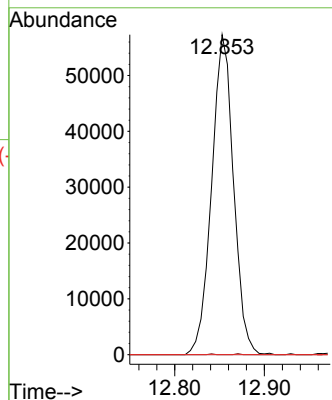
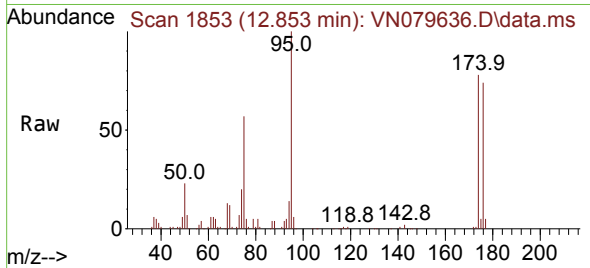




#81  
trans-1,4-Dichloro-2-butene  
Concen: 70.763 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.112 min  
Lab File: VN079636.D  
Acq: 23 Oct 2023 10:02

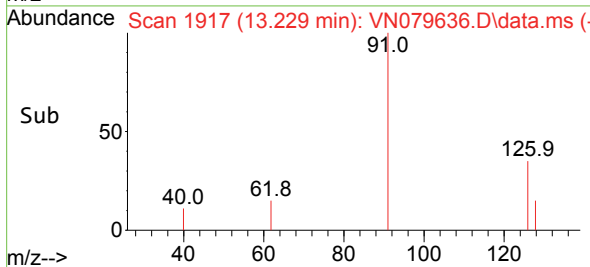
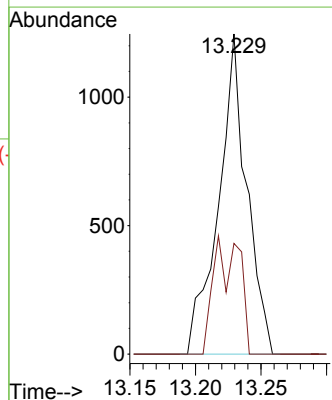
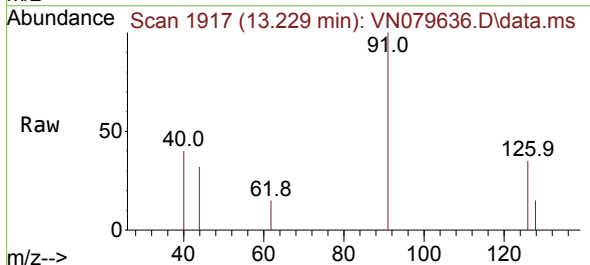
Instrument :  
MSVOA\_N  
ClientSampleId :

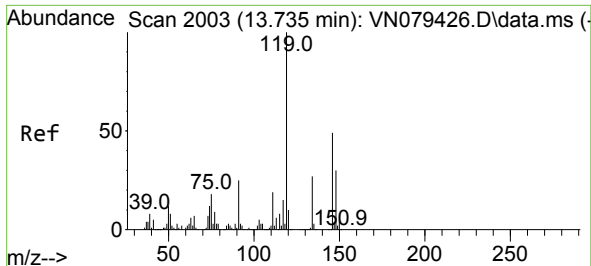
Tgt Ion: 75 Resp: 96997  
Ion Ratio Lower Upper  
75 100  
53 0.1 67.4 101.2#  
89 0.0 38.8 58.2#



#82  
4-Chlorotoluene  
Concen: 0.211 ug/l  
RT: 13.229 min Scan# 1917  
Delta R.T. 0.006 min  
Lab File: VN079636.D  
Acq: 23 Oct 2023 10:02

Tgt Ion: 91 Resp: 1864  
Ion Ratio Lower Upper  
91 100  
126 33.6 16.7 50.0

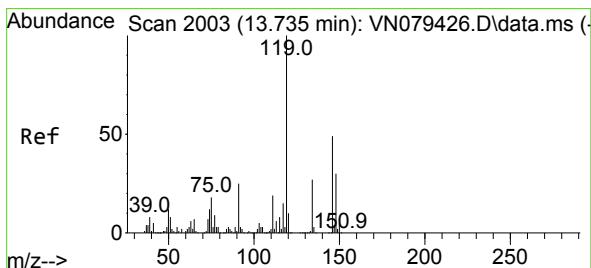
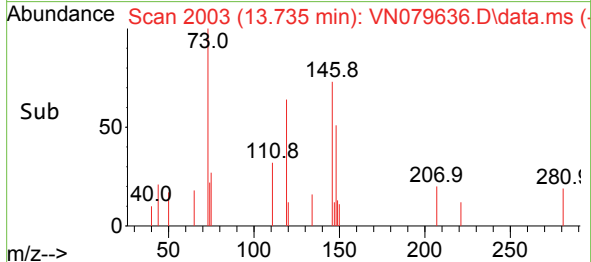
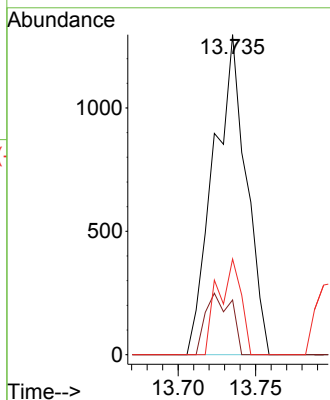
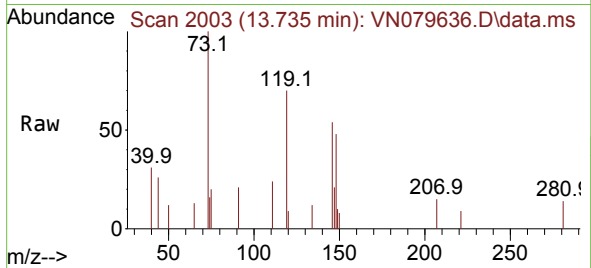




#86  
 p-Isopropyltoluene  
 Concen: 0.214 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.000 min  
 Lab File: VN079636.D  
 Acq: 23 Oct 2023 10:02

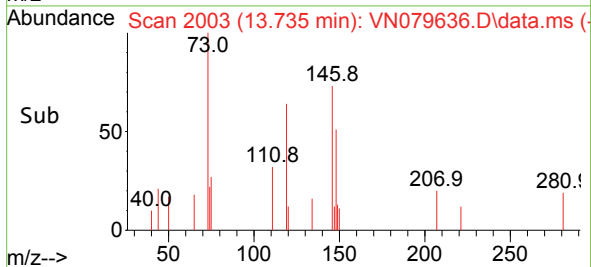
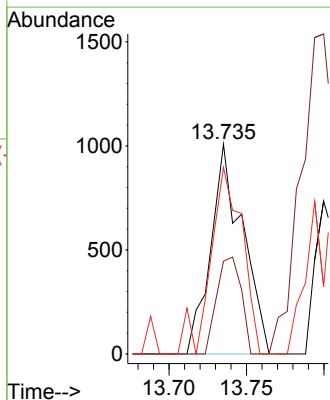
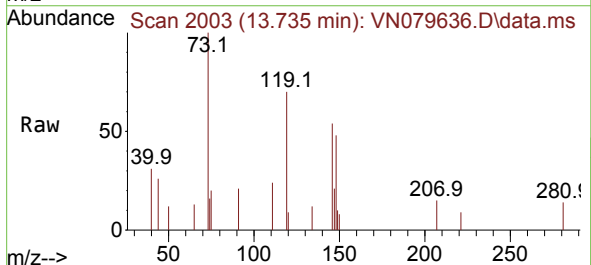
Instrument :  
 MSVOA\_N  
 ClientSampleId :

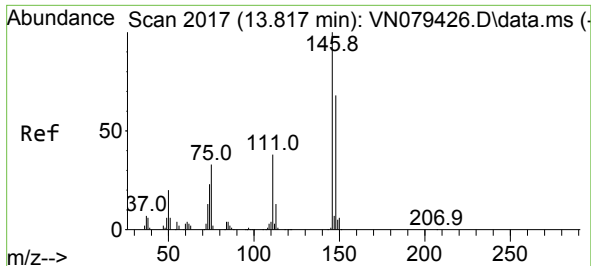
Tgt Ion:119 Resp: 1902  
 Ion Ratio Lower Upper  
 119 100  
 134 15.1 12.6 37.8  
 91 21.1 12.4 37.2



#87  
 1,3-Dichlorobenzene  
 Concen: 0.290 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.000 min  
 Lab File: VN079636.D  
 Acq: 23 Oct 2023 10:02

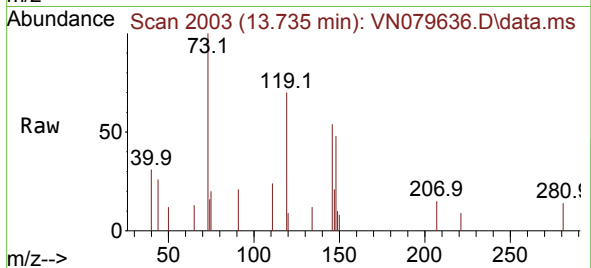
Tgt Ion:146 Resp: 1448  
 Ion Ratio Lower Upper  
 146 100  
 111 35.2 22.1 66.3  
 148 88.1 32.0 96.0



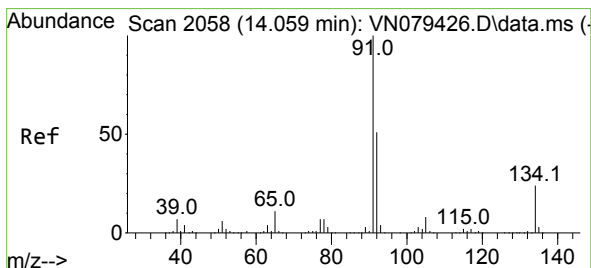
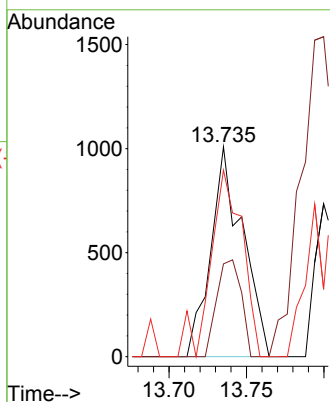
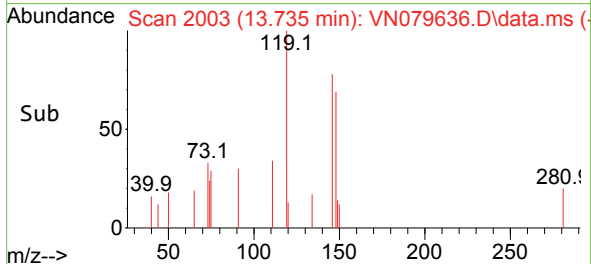


#88  
1,4-Dichlorobenzene  
Concen: 0.281 ug/l  
RT: 13.735 min Scan# 2017  
Delta R.T. -0.082 min  
Lab File: VN079636.D  
Acq: 23 Oct 2023 10:02

Instrument :  
MSVOA\_N  
ClientSampleId :

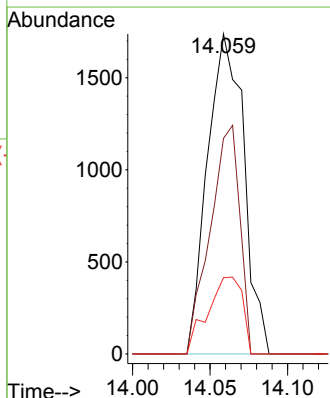
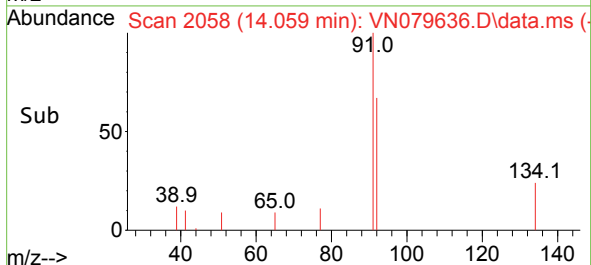
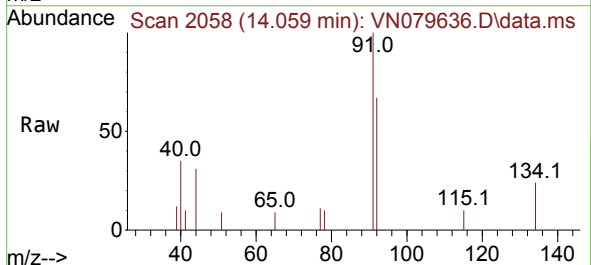


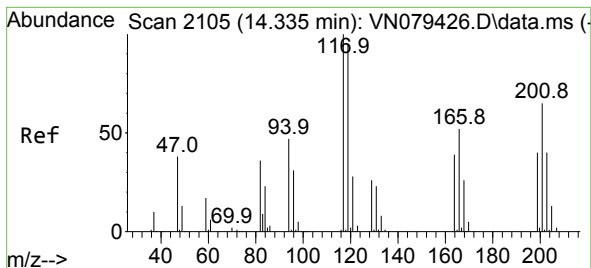
Tgt Ion:146 Resp: 1448  
Ion Ratio Lower Upper  
146 100  
111 35.2 20.6 61.8  
148 88.1 31.6 94.8



#89  
n-Butylbenzene  
Concen: 0.400 ug/l  
RT: 14.059 min Scan# 2058  
Delta R.T. 0.000 min  
Lab File: VN079636.D  
Acq: 23 Oct 2023 10:02

Tgt Ion: 91 Resp: 2835  
Ion Ratio Lower Upper  
91 100  
92 58.3 26.4 79.0  
134 22.9 12.6 37.6





#90

Hexachloroethane

Concen: Below Cal

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079636.D

Acq: 23 Oct 2023 10:02

Instrument :

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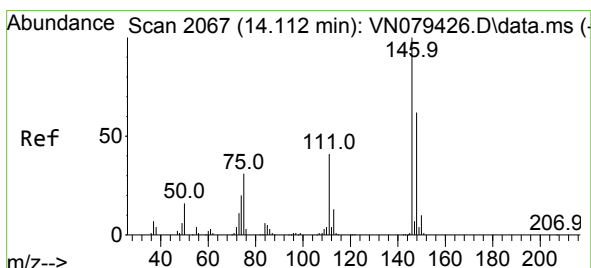
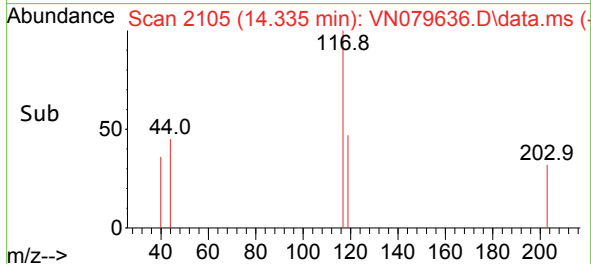
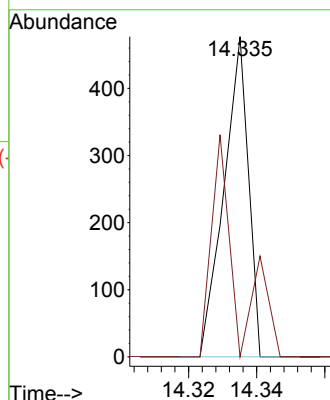
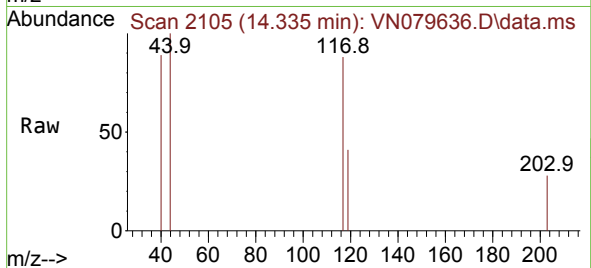
ClientSampleId :

Tgt Ion:117 Resp: 238

Ion Ratio Lower Upper

117 100

201 71.4 29.3 88.0



#91

1,2-Dichlorobenzene

Concen: 0.386 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN079636.D

Acq: 23 Oct 2023 10:02

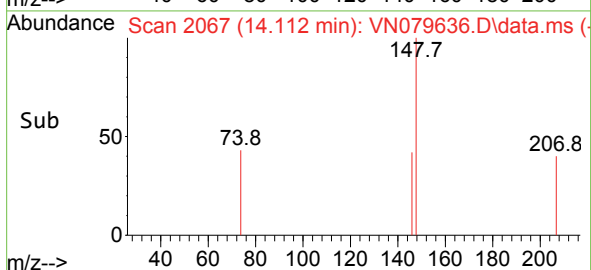
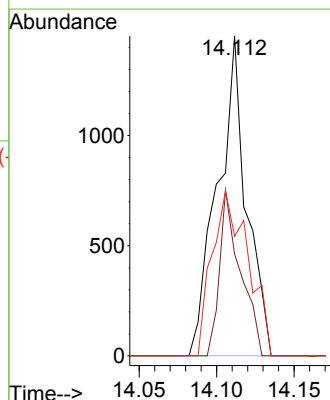
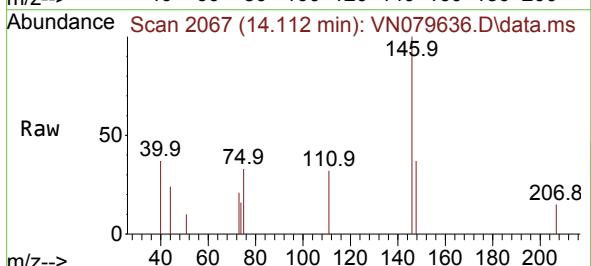
Tgt Ion:146 Resp: 1880

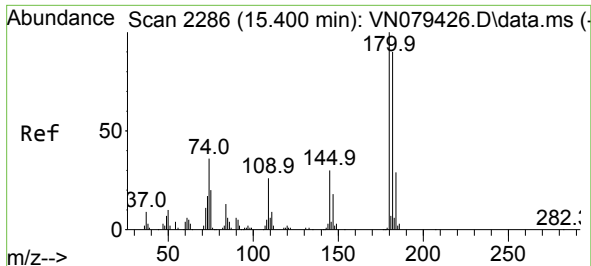
Ion Ratio Lower Upper

146 100

111 37.3 22.0 66.0

148 64.4 31.8 95.3





#93

1,2,4-Trichlorobenzene

Concen: 0.824 ug/l

RT: 15.406 min Scan# 21

Delta R.T. 0.006 min

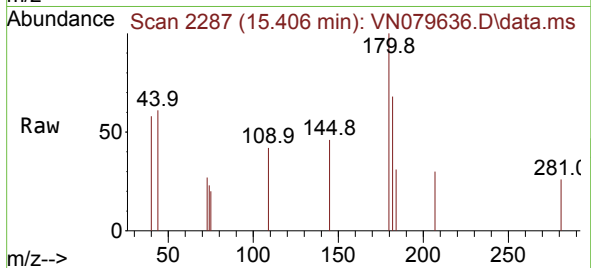
Lab File: VN079636.D

Acq: 23 Oct 2023 10:02

Instrument :

MSVOA\_N

ClientSampleId :



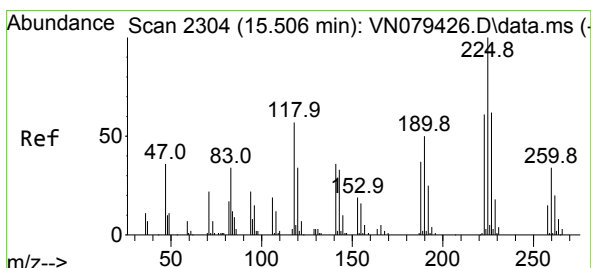
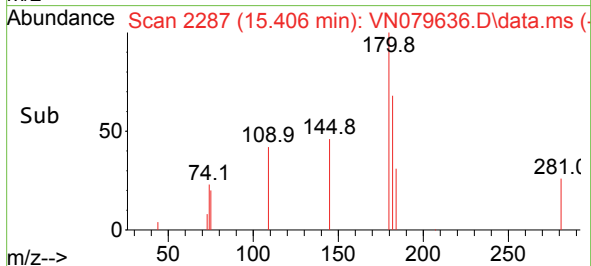
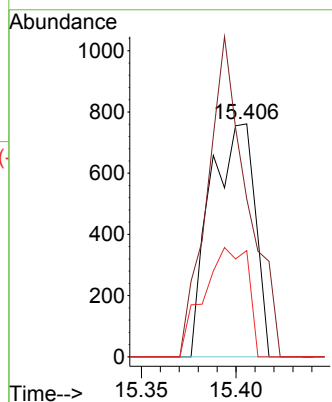
Tgt Ion:180 Resp: 1243

Ion Ratio Lower Upper

180 100

182 122.5 46.1 138.2

145 46.7 16.6 49.8



#94

Hexachlorobutadiene

Concen: 1.303 ug/l

RT: 15.511 min Scan# 2305

Delta R.T. 0.006 min

Lab File: VN079636.D

Acq: 23 Oct 2023 10:02

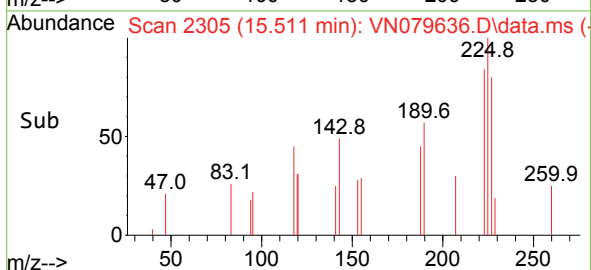
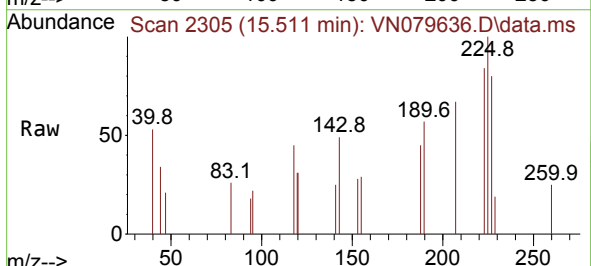
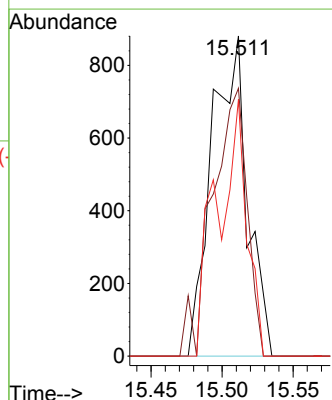
Tgt Ion:225 Resp: 1530

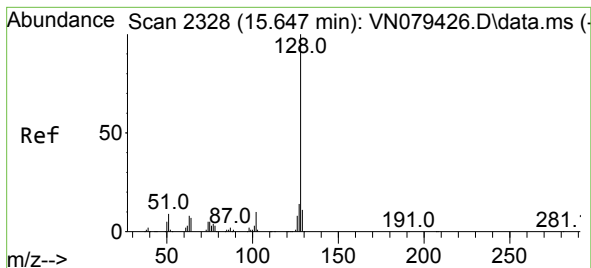
Ion Ratio Lower Upper

225 100

223 82.3 31.3 93.8

227 67.5 31.9 95.9





#95

Naphthalene

Concen: 1.182 ug/l

RT: 15.641 min Scan# 2328

Delta R.T. -0.006 min

Lab File: VN079636.D

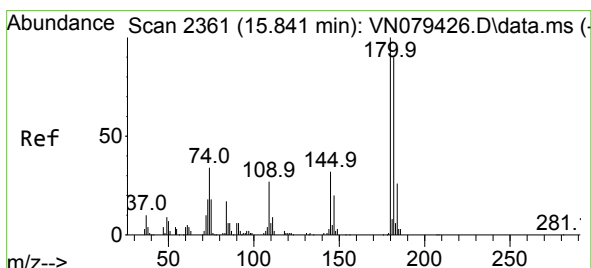
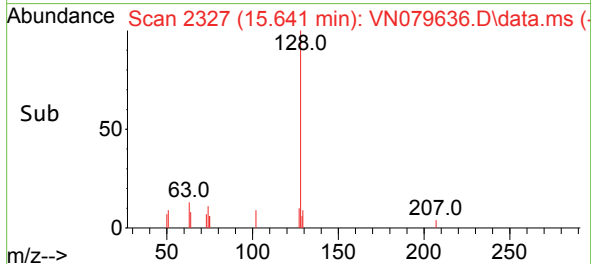
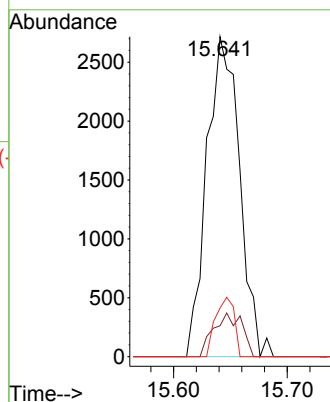
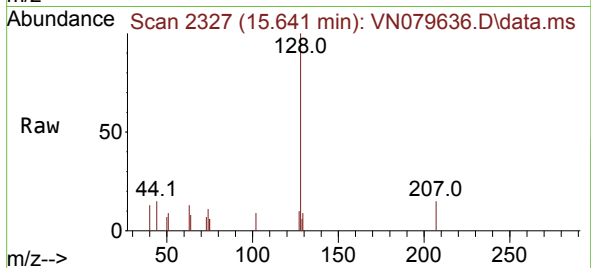
Acq: 23 Oct 2023 10:02

Instrument :

MSVOA\_N

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:128 | Resp: | 5442      |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 127         | 11.8  | 10.0 15.0 |
| 129         | 10.6  | 8.7 13.1  |



#96

1,2,3-Trichlorobenzene

Concen: 1.096 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN079636.D

Acq: 23 Oct 2023 10:02

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 1972       |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 111.4 | 46.2 138.6 |
| 145         | 24.8  | 17.5 52.6  |

