

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011723\  
 Data File : VN076276.D  
 Acq On : 17 Jan 2023 13:36  
 Operator : JC\MD  
 Sample : PB150289ZHE#01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB150289ZHE#01

Quant Time: Jan 18 00:53:43 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

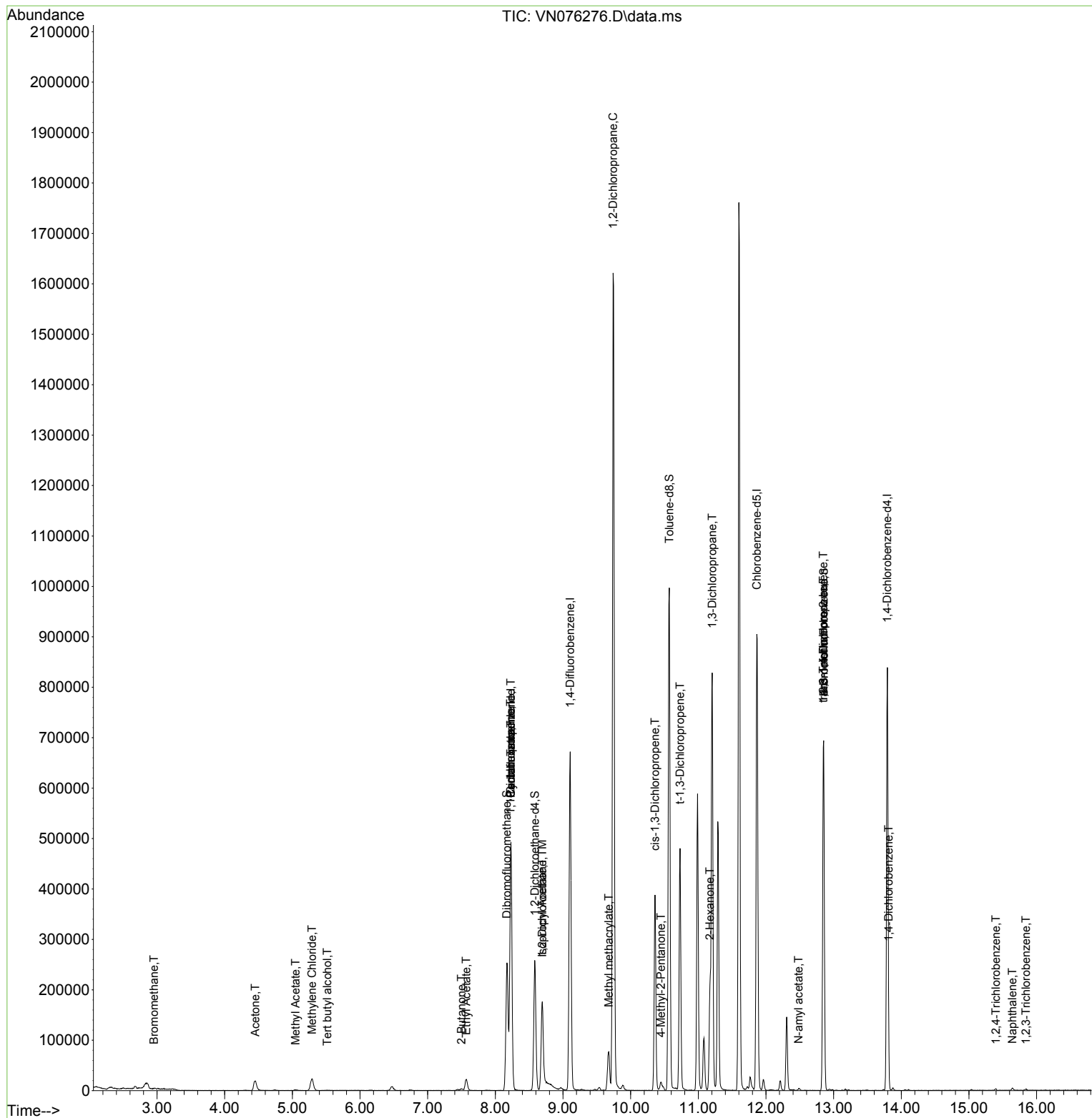
| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) Pentafluorobenzene         | 8.230          | 168  | 376688     | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.106          | 114  | 609353     | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.865         | 117  | 551301     | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.794         | 152  | 232279     | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.582          | 65   | 202058     | 47.907    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = | 95.820%   |        |          |
| 35) Dibromofluoromethane      | 8.171          | 113  | 179232     | 47.021    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 94.040%   |        |          |
| 50) Toluene-d8                | 10.571         | 98   | 715809     | 50.849    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = | 101.700%  |        |          |
| 62) 4-Bromofluorobenzene      | 12.853         | 95   | 235818     | 51.314    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = | 102.620%  |        |          |
| Target Compounds              |                |      |            |           |        |          |
|                               |                |      |            |           | Qvalue |          |
| 5) Bromomethane               | 2.953          | 94   | 928        | 0.231     | ug/l # | 59       |
| 11) Tert butyl alcohol        | 5.518          | 59   | 153        | 0.271     | ug/l # | 72       |
| 16) Acetone                   | 4.453          | 43   | 37490      | 27.662    | ug/l   | 96       |
| 18) Methyl Acetate            | 5.047          | 43   | 1506       | 0.329     | ug/l # | 76       |
| 20) Methylene Chloride        | 5.289          | 84   | 19318      | 4.278     | ug/l # | 94       |
| 25) 2-Butanone                | 7.500          | 43   | 6144       | 2.975     | ug/l # | 83       |
| 31) Cyclohexane               | 8.230          | 56   | 7277       | 1.123     | ug/l # | 15       |
| 36) 1,1-Dichloropropene       | 8.224          | 75   | 28512      | 5.264     | ug/l # | 49       |
| 37) Ethyl Acetate             | 7.571          | 43   | 34213      | 7.906     | ug/l   | 97       |
| 38) Carbon Tetrachloride      | 8.230          | 117  | 37421      | 6.195     | ug/l # | 17       |
| 42) 1,2-Dichloroethane        | 8.694          | 62   | 1418       | 0.256     | ug/l # | 73       |
| 43) Isopropyl Acetate         | 8.694          | 43   | 205875     | 29.129    | ug/l # | 84       |
| 45) 1,2-Dichloropropane       | 9.741          | 63   | 2344       | 0.604     | ug/l # | 42       |
| 48) Methyl methacrylate       | 9.677          | 41   | 4573       | 1.367     | ug/l # | 40       |
| 51) 4-Methyl-2-Pentanone      | 10.447         | 43   | 16327      | 3.935     | ug/l # | 76       |
| 53) t-1,3-Dichloropropene     | 10.729         | 75   | 1311       | 0.242     | ug/l # | 88       |
| 54) cis-1,3-Dichloropropene   | 10.359         | 75   | 76217      | 12.239    | ug/l # | 65       |
| 57) 1,3-Dichloropropane       | 11.206         | 76   | 9187       | 1.366     | ug/l # | 42       |
| 59) 2-Hexanone                | 11.171         | 43   | 153031     | 50.899    | ug/l # | 21       |
| 71) Bromoform                 | 12.853         | 173  | 1823       | 0.582     | ug/l # | 1        |
| 74) N-amyl acetate            | 12.482         | 43   | 2164       | 0.419     | ug/l # | 46       |
| 76) 1,2,3-Trichloropropane    | 12.847         | 75   | 123839     | 28.865    | ug/l # | 1        |
| 77) Bromobenzene              | 12.988         | 156  | 240        | Below Cal |        | 65       |
| 81) trans-1,4-Dichloro-2-b... | 12.847         | 75   | 123839     | 88.707    | ug/l # | 11       |
| 88) 1,4-Dichlorobenzene       | 13.812         | 146  | 1631       | 0.303     | ug/l # | 44       |
| 93) 1,2,4-Trichlorobenzene    | 15.400         | 180  | 1111       | 1.571     | ug/l   | 76       |
| 95) Naphthalene               | 15.641         | 128  | 5448       | 2.274     | ug/l # | 89       |
| 96) 1,2,3-Trichlorobenzene    | 15.841         | 180  | 1308       | 1.483     | ug/l   | 84       |
| -----                         |                |      |            |           |        |          |

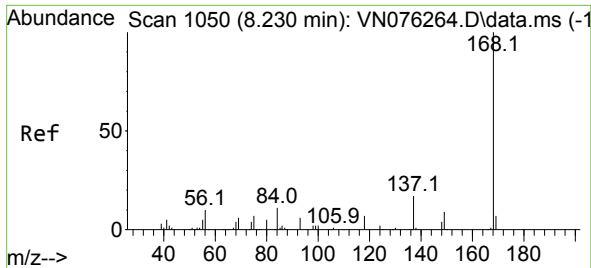
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Jan 17 03:59:22 2023  
Response via : Initial Calibration

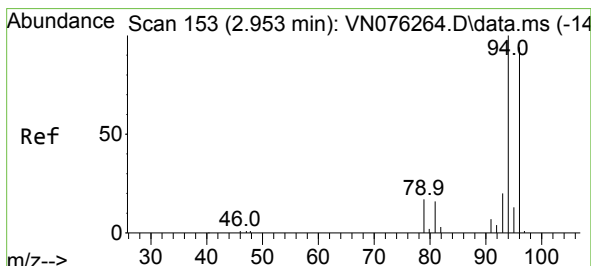
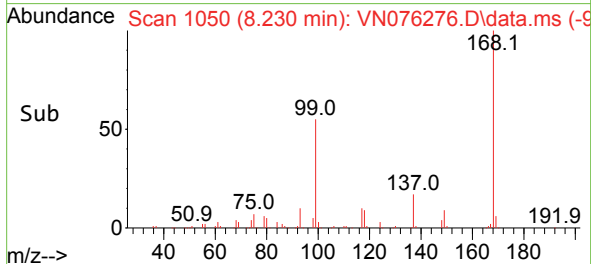
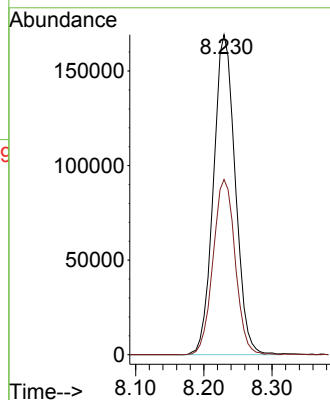
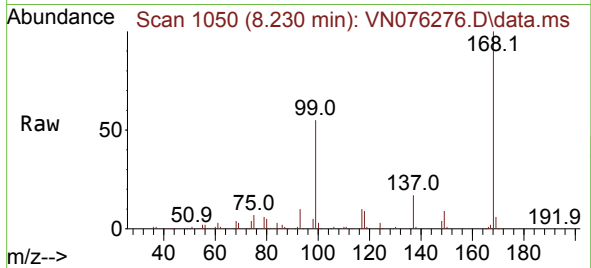




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1050  
Delta R.T. -0.000 min  
Lab File: VN076276.D  
Acq: 17 Jan 2023 13:36

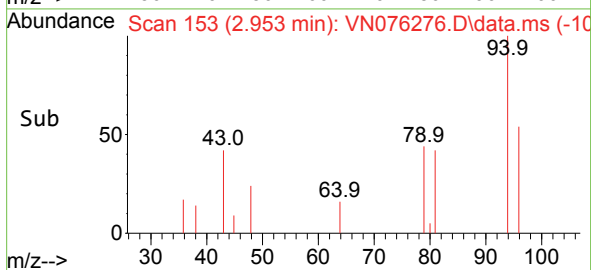
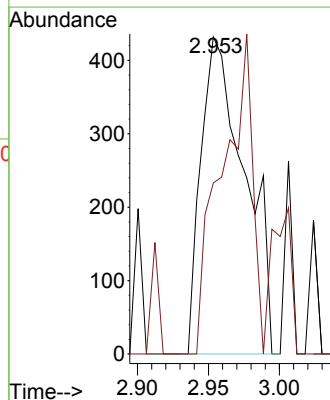
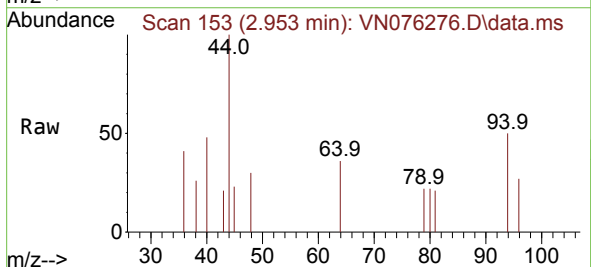
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB150289ZHE#01

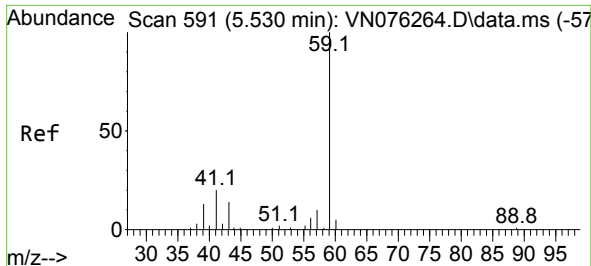
Tgt Ion:168 Resp: 376688  
Ion Ratio Lower Upper  
168 100  
99 54.7 41.6 62.4



#5  
Bromomethane  
Concen: 0.231 ug/l  
RT: 2.953 min Scan# 153  
Delta R.T. 0.000 min  
Lab File: VN076276.D  
Acq: 17 Jan 2023 13:36

Tgt Ion: 94 Resp: 928  
Ion Ratio Lower Upper  
94 100  
96 53.9 75.1 112.7#





#11

Tert butyl alcohol

Concen: 0.271 ug/l

RT: 5.518 min Scan# 51

Delta R.T. -0.012 min

Lab File: VN076276.D

Acq: 17 Jan 2023 13:36

Instrument :

MSVOA\_N

ClientSampleId :

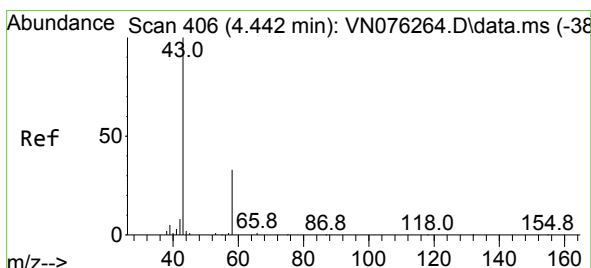
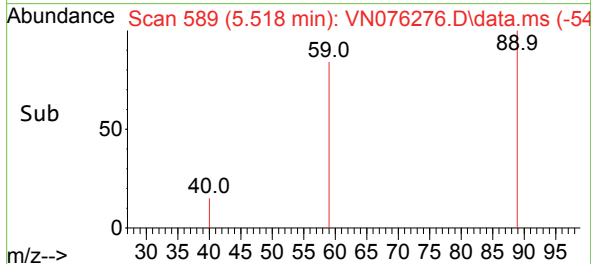
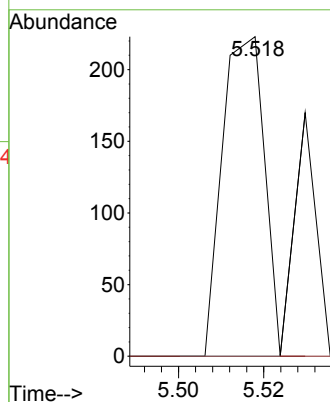
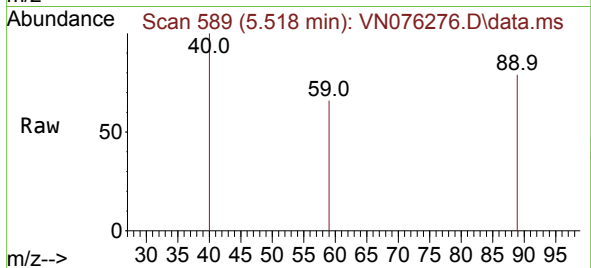
PB150289ZHE#01

Tgt Ion: 59 Resp: 153

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#16

Acetone

Concen: 27.662 ug/l

RT: 4.453 min Scan# 408

Delta R.T. 0.011 min

Lab File: VN076276.D

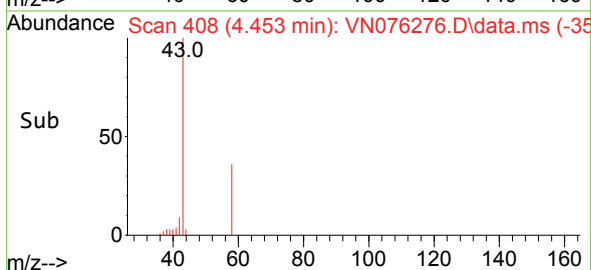
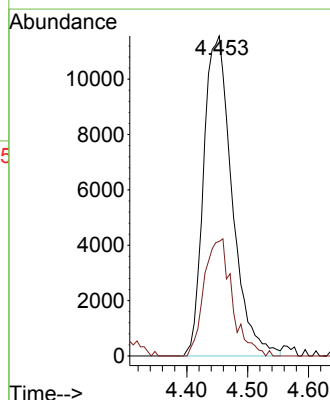
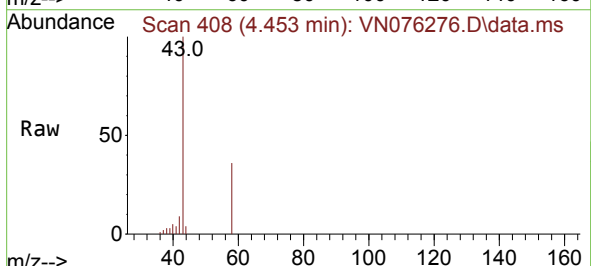
Acq: 17 Jan 2023 13:36

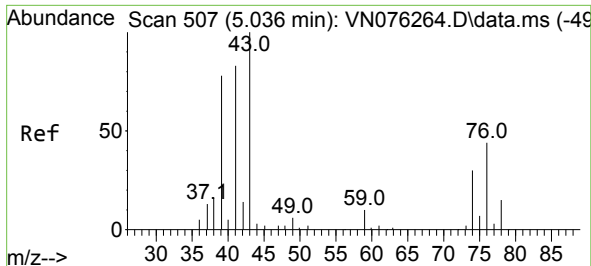
Tgt Ion: 43 Resp: 37490

Ion Ratio Lower Upper

43 100

58 35.8 26.7 40.1

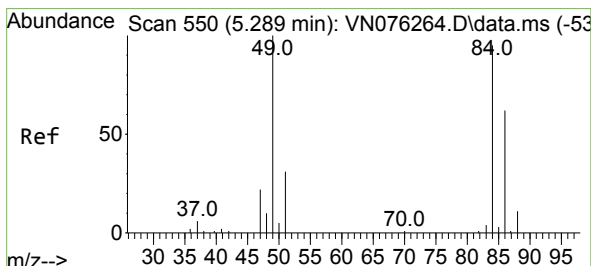
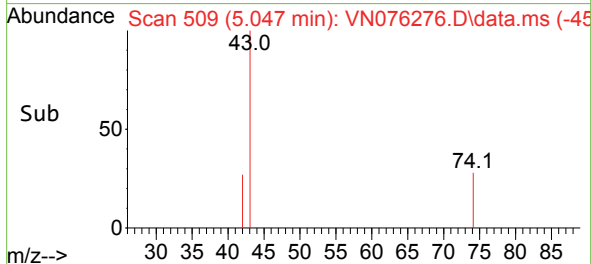
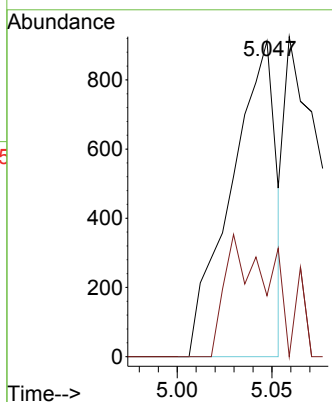
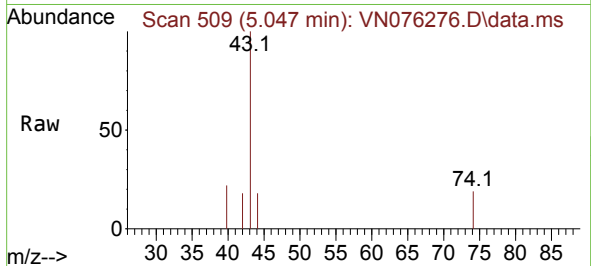




#18  
Methyl Acetate  
Concen: 0.329 ug/l  
RT: 5.047 min Scan# 507  
Delta R.T. 0.011 min  
Lab File: VN076276.D  
Acq: 17 Jan 2023 13:36

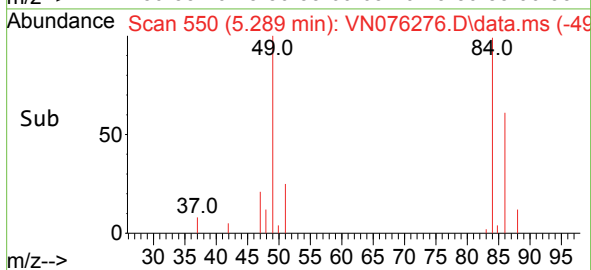
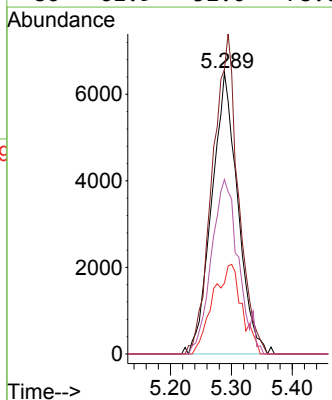
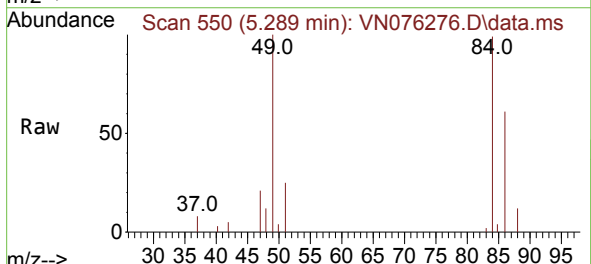
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB150289ZHE#01

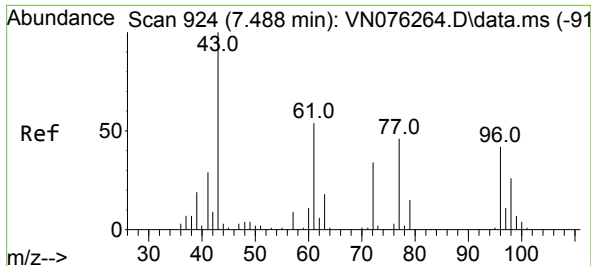
Tgt Ion: 43 Resp: 1506  
Ion Ratio Lower Upper  
43 100  
74 42.0 23.3 34.9#



#20  
Methylene Chloride  
Concen: 4.278 ug/l  
RT: 5.289 min Scan# 550  
Delta R.T. -0.000 min  
Lab File: VN076276.D  
Acq: 17 Jan 2023 13:36

Tgt Ion: 84 Resp: 19318  
Ion Ratio Lower Upper  
84 100  
49 101.2 84.5 126.7  
51 25.2 26.0 39.0#  
86 61.9 52.0 78.0





#25

2-Butanone

Concen: 2.975 ug/l

RT: 7.500 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN076276.D

Acq: 17 Jan 2023 13:36

Instrument :

MSVOA\_N

ClientSampleId :

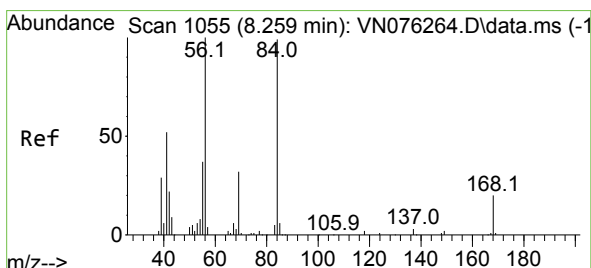
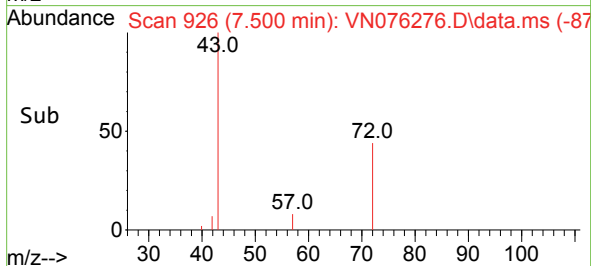
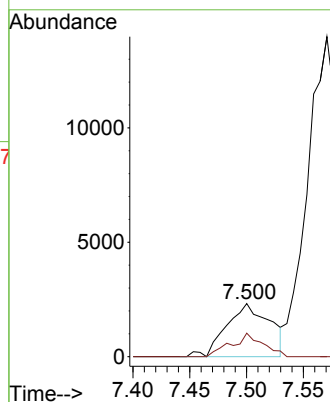
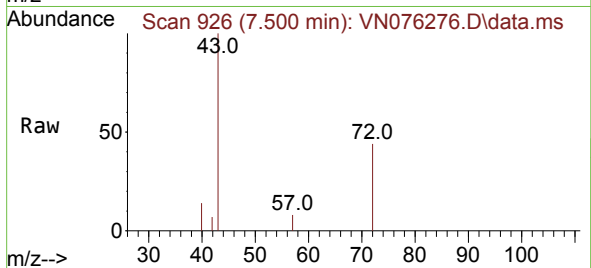
PB150289ZHE#01

Tgt Ion: 43 Resp: 6144

Ion Ratio Lower Upper

43 100

72 44.2 27.4 41.2#



#31

Cyclohexane

Concen: 1.123 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.029 min

Lab File: VN076276.D

Acq: 17 Jan 2023 13:36

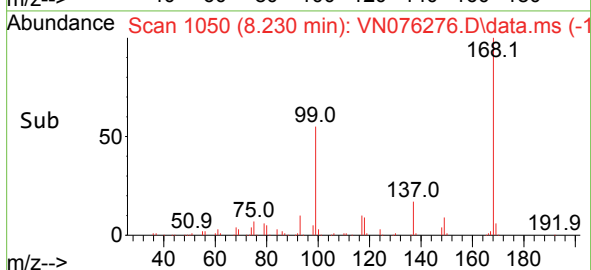
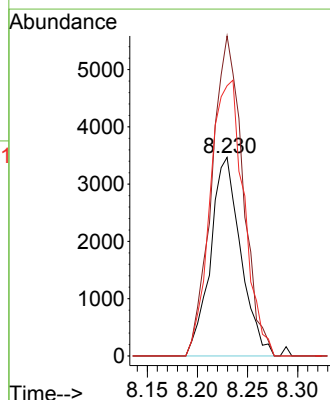
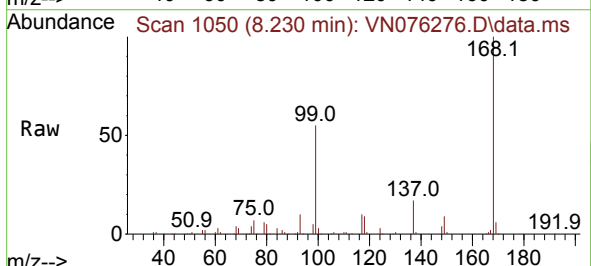
Tgt Ion: 56 Resp: 7277

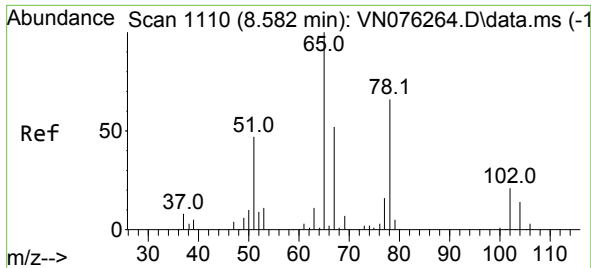
Ion Ratio Lower Upper

56 100

69 161.2 25.8 38.8#

84 136.1 79.0 118.4#

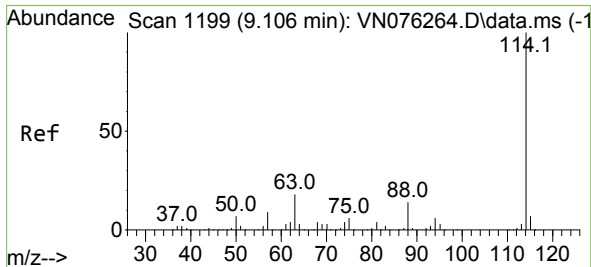
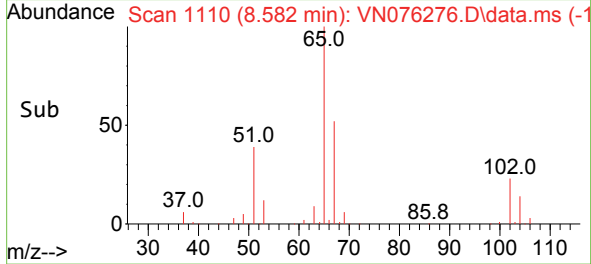
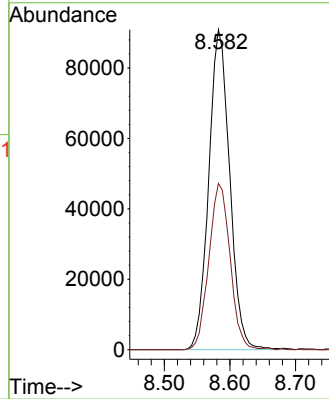
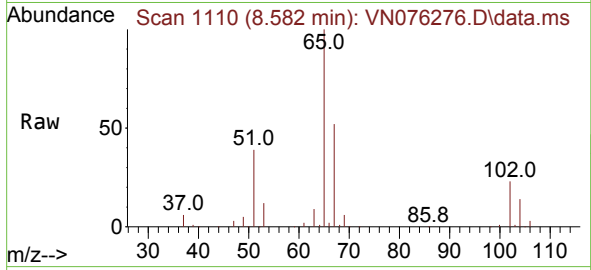




#33  
 1,2-Dichloroethane-d4  
 Concen: 47.907 ug/l  
 RT: 8.582 min Scan# 1110  
 Delta R.T. 0.000 min  
 Lab File: VN076276.D  
 Acq: 17 Jan 2023 13:36

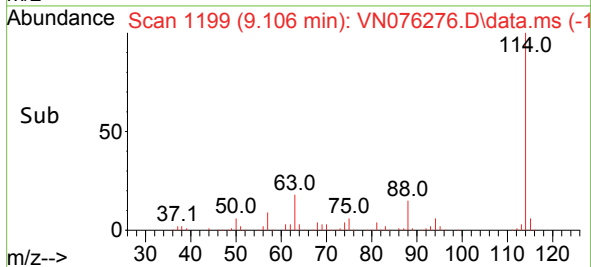
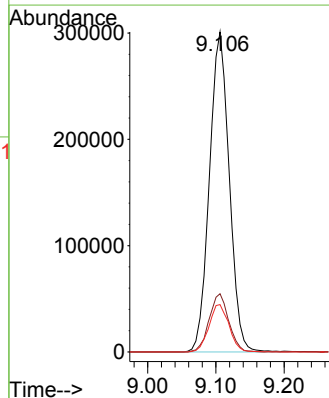
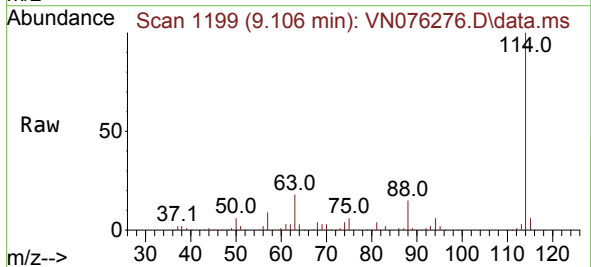
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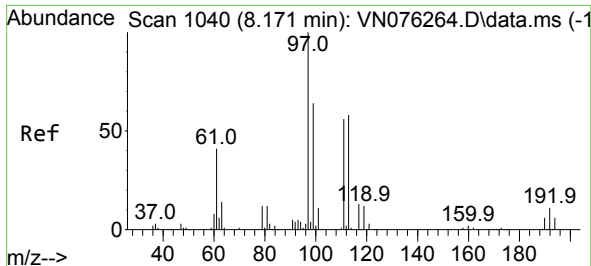
Tgt Ion: 65 Resp: 202058  
 Ion Ratio Lower Upper  
 65 100  
 67 52.4 0.0 104.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.106 min Scan# 1199  
 Delta R.T. -0.000 min  
 Lab File: VN076276.D  
 Acq: 17 Jan 2023 13:36

Tgt Ion: 114 Resp: 609353  
 Ion Ratio Lower Upper  
 114 100  
 63 18.2 0.0 35.8  
 88 14.8 0.0 28.0





#35

Dibromofluoromethane

Concen: 47.021 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076276.D

Acq: 17 Jan 2023 13:36

Instrument :

MSVOA\_N

ClientSampleId :

PB150289ZHE#01

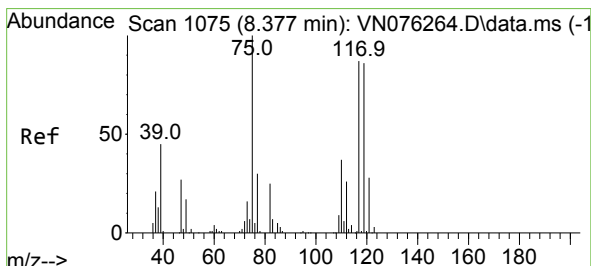
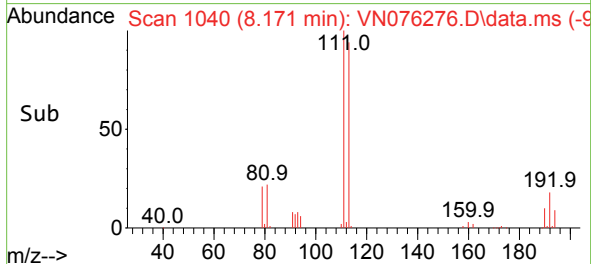
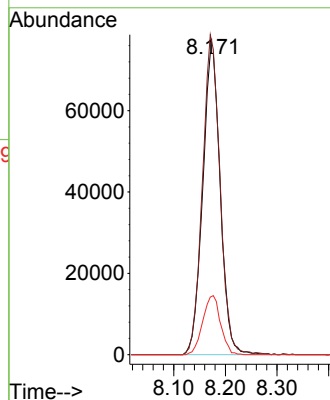
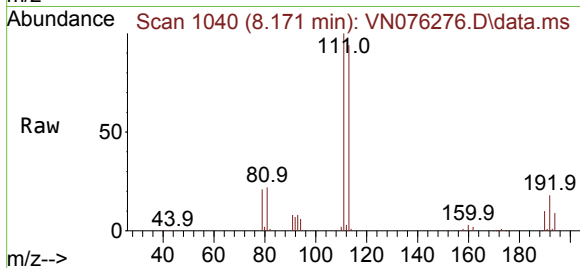
Tgt Ion:113 Resp: 179232

Ion Ratio Lower Upper

113 100

111 103.7 82.7 124.1

192 19.4 15.6 23.4



#36

1,1-Dichloropropene

Concen: 5.264 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.153 min

Lab File: VN076276.D

Acq: 17 Jan 2023 13:36

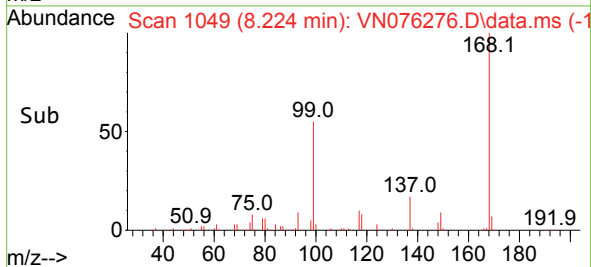
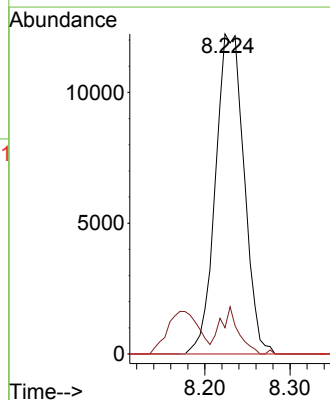
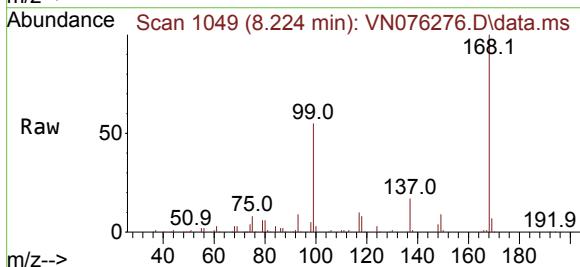
Tgt Ion: 75 Resp: 28512

Ion Ratio Lower Upper

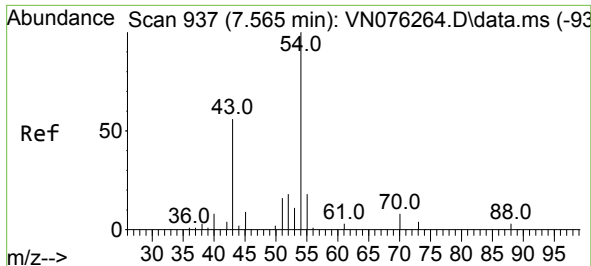
75 100

110 9.4 18.8 56.3#

77 0.0 25.0 37.4#



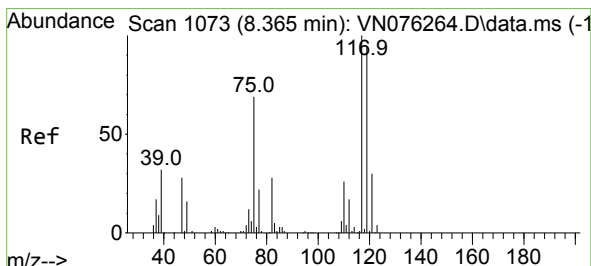
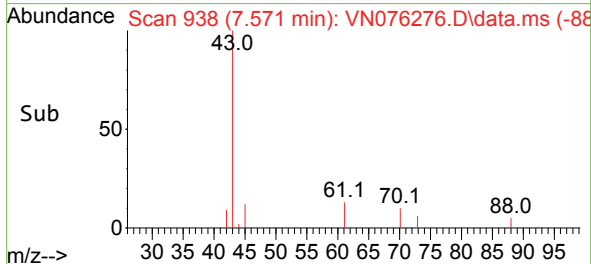
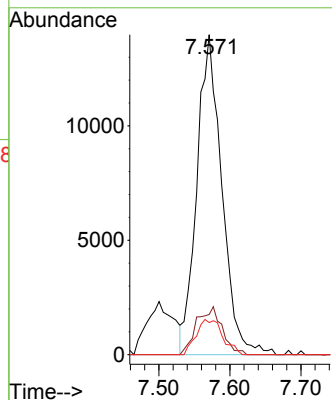
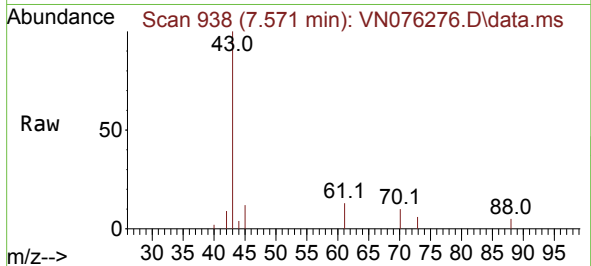




#37  
Ethyl Acetate  
Concen: 7.906 ug/l  
RT: 7.571 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN076276.D  
Acq: 17 Jan 2023 13:36

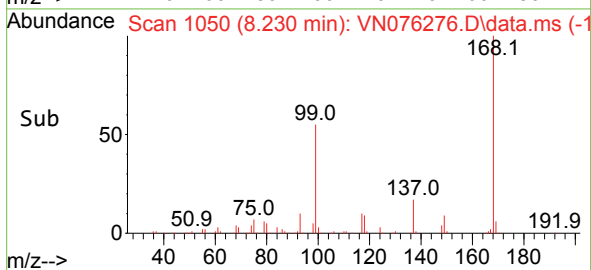
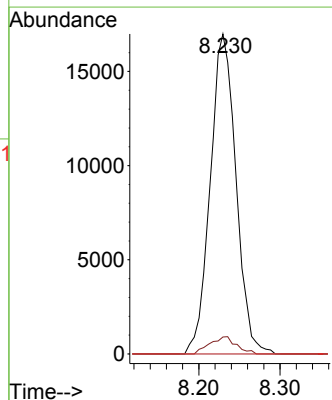
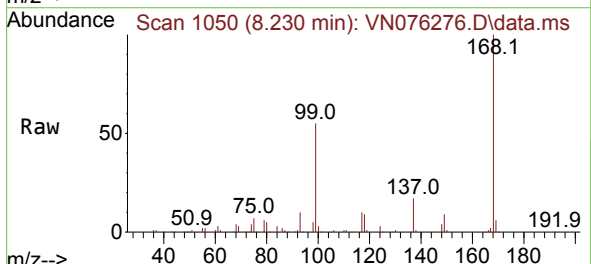
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB150289ZHE#01

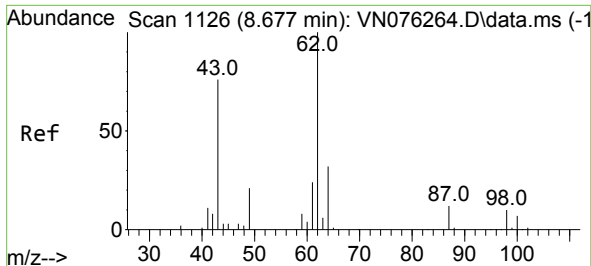
Tgt Ion: 43 Resp: 34213  
Ion Ratio Lower Upper  
43 100  
61 15.2 11.1 16.7  
70 11.6 10.0 15.0



#38  
Carbon Tetrachloride  
Concen: 6.195 ug/l  
RT: 8.230 min Scan# 1050  
Delta R.T. -0.135 min  
Lab File: VN076276.D  
Acq: 17 Jan 2023 13:36

Tgt Ion: 117 Resp: 37421  
Ion Ratio Lower Upper  
117 100  
119 5.3 75.4 113.0#  
121 0.0 24.2 36.2#





#42

1,2-Dichloroethane

Concen: 0.256 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.017 min

Lab File: VN076276.D

Acq: 17 Jan 2023 13:36

Instrument :

MSVOA\_N

ClientSampleId :

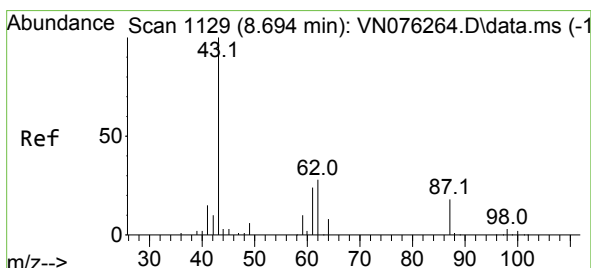
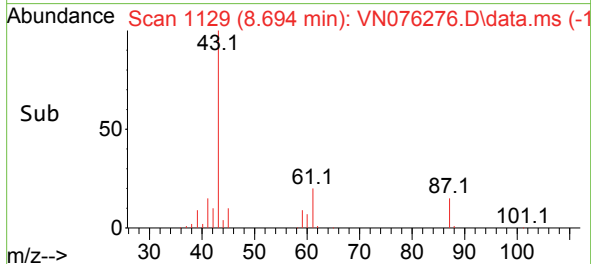
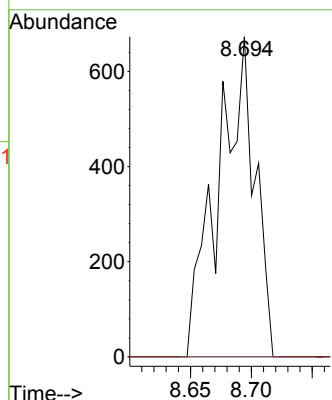
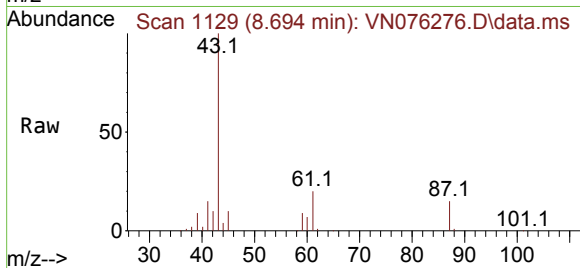
PB150289ZHE#01

Tgt Ion: 62 Resp: 1418

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.4



#43

Isopropyl Acetate

Concen: 29.129 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN076276.D

Acq: 17 Jan 2023 13:36

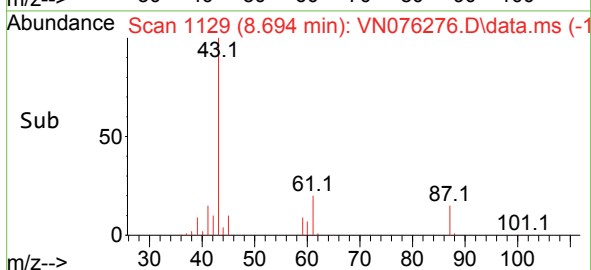
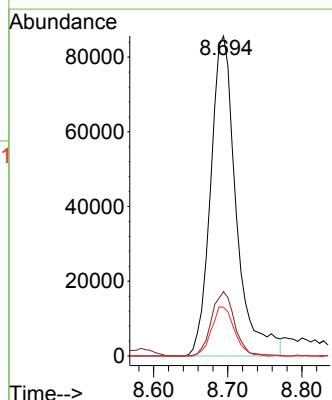
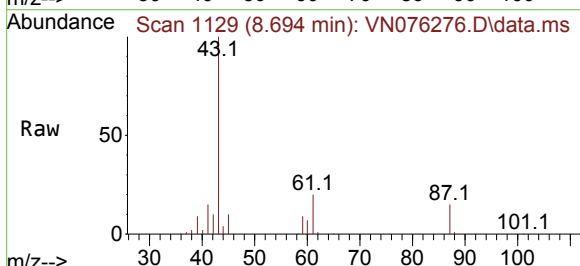
Tgt Ion: 43 Resp: 205875

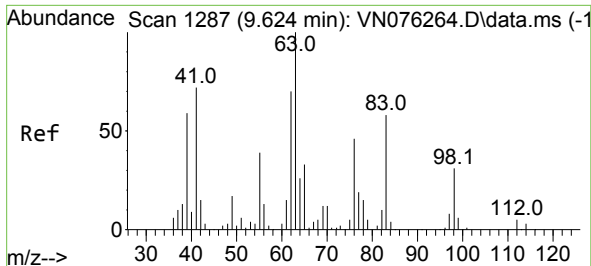
Ion Ratio Lower Upper

43 100

61 18.2 23.5 35.3#

87 13.6 13.8 20.6#





#45

1,2-Dichloropropane

Concen: 0.604 ug/l

RT: 9.741 min Scan# 1

Delta R.T. 0.117 min

Lab File: VN076276.D

Acq: 17 Jan 2023 13:36

Instrument :

MSVOA\_N

ClientSampleId :

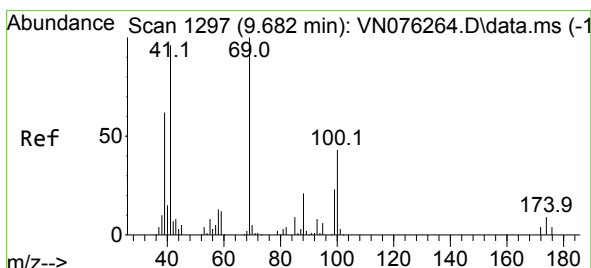
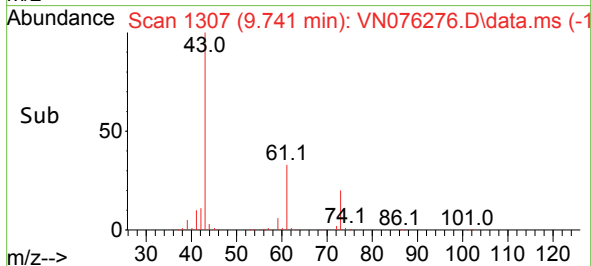
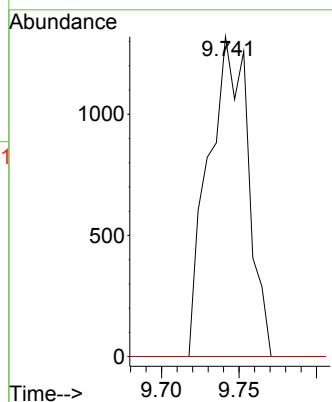
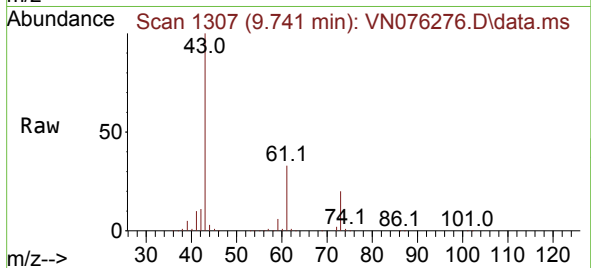
PB150289ZHE#01

Tgt Ion: 63 Resp: 2344

Ion Ratio Lower Upper

63 100

65 0.0 26.4 39.6#



#48

Methyl methacrylate

Concen: 1.367 ug/l

RT: 9.677 min Scan# 1296

Delta R.T. -0.005 min

Lab File: VN076276.D

Acq: 17 Jan 2023 13:36

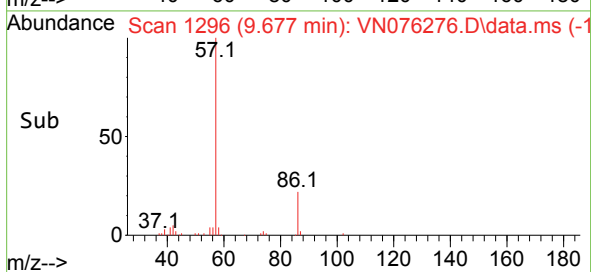
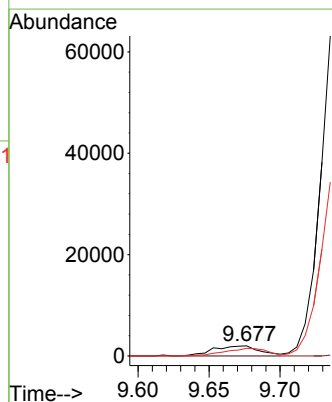
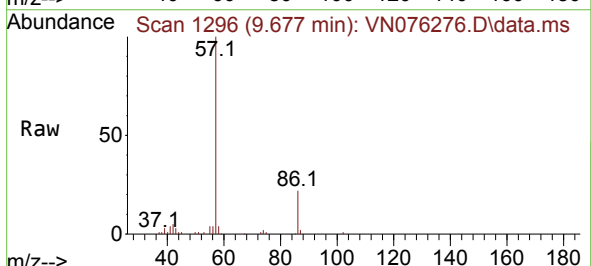
Tgt Ion: 41 Resp: 4573

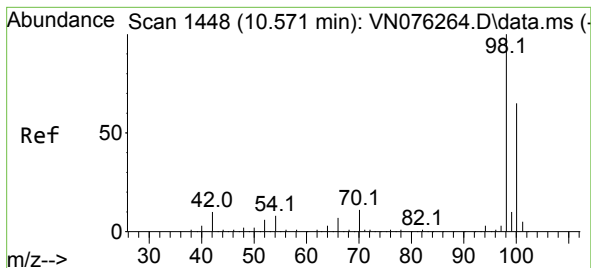
Ion Ratio Lower Upper

41 100

69 0.0 80.8 121.2#

39 68.8 54.4 81.6





#50

Toluene-d8

Concen: 50.849 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076276.D

Acq: 17 Jan 2023 13:36

Instrument :

MSVOA\_N

ClientSampleId :

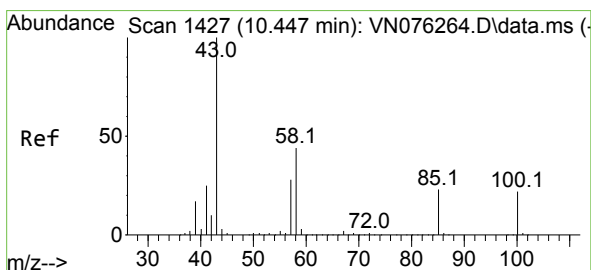
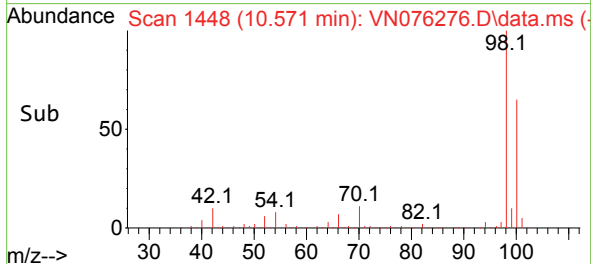
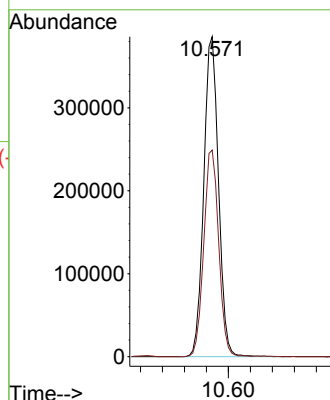
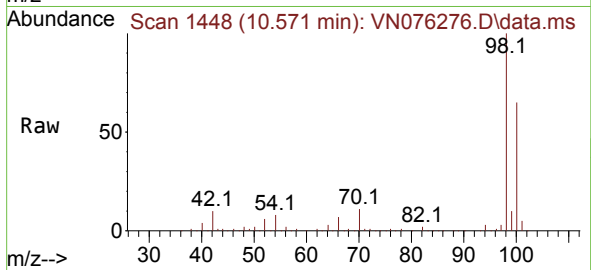
PB150289ZHE#01

Tgt Ion: 98 Resp: 715809

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.4



#51

4-Methyl-2-Pentanone

Concen: 3.935 ug/l

RT: 10.447 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VN076276.D

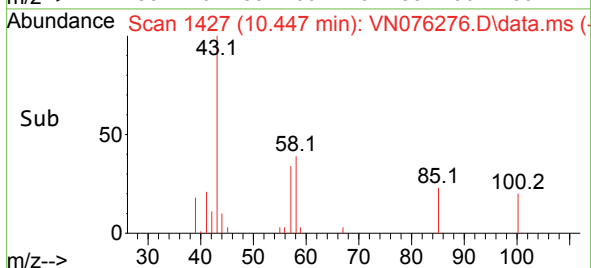
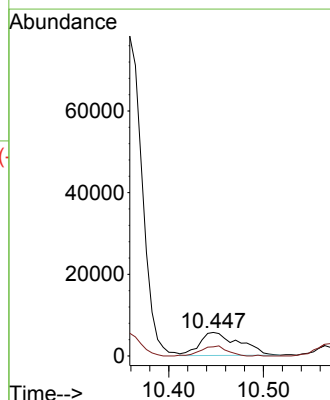
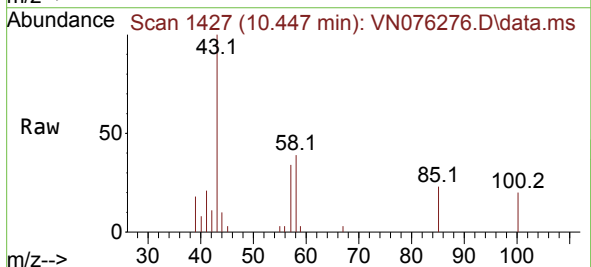
Acq: 17 Jan 2023 13:36

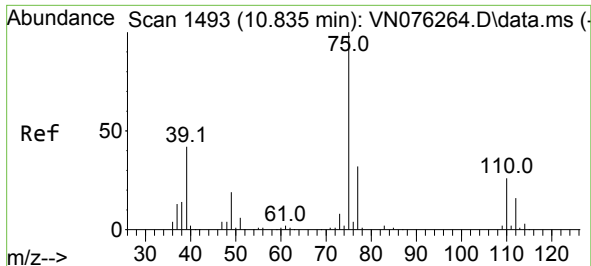
Tgt Ion: 43 Resp: 16327

Ion Ratio Lower Upper

43 100

58 28.6 35.1 52.7#

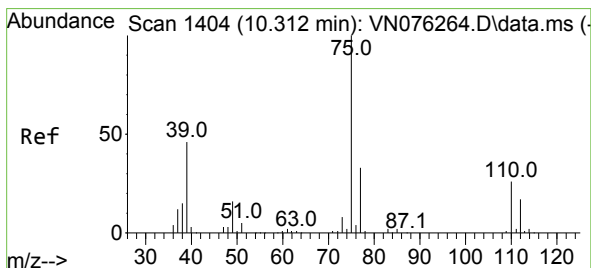
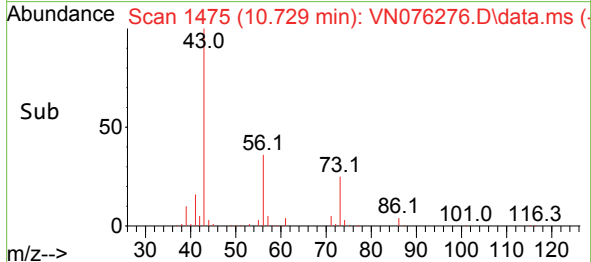
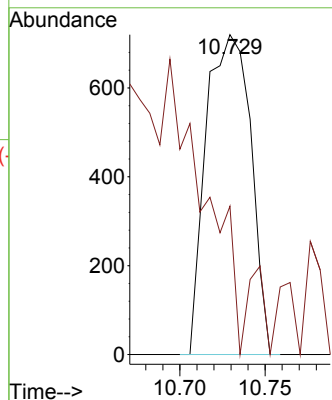
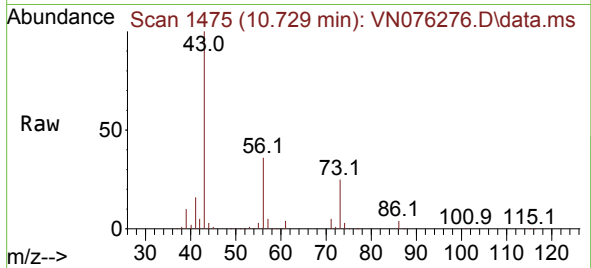




#53  
 t-1,3-Dichloropropene  
 Concen: 0.242 ug/l  
 RT: 10.729 min Scan# 1412  
 Delta R.T. -0.106 min  
 Lab File: VN076276.D  
 Acq: 17 Jan 2023 13:36

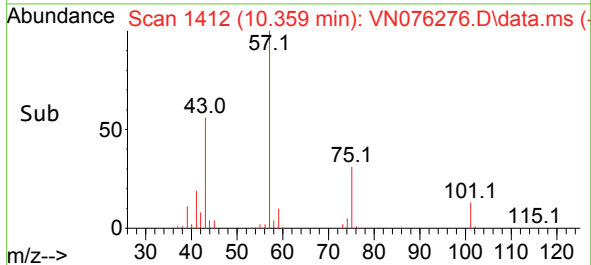
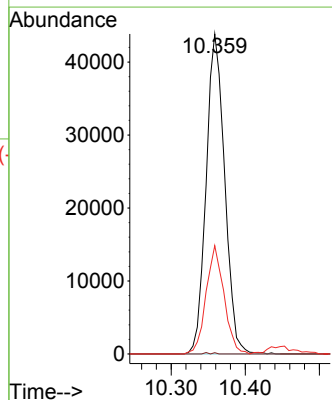
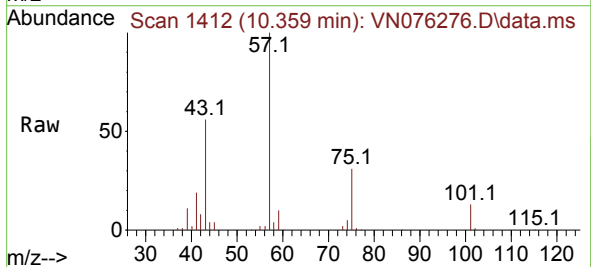
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB150289ZHE#01

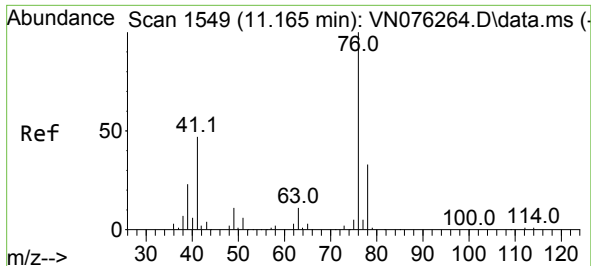
Tgt Ion: 75 Resp: 1311  
 Ion Ratio Lower Upper  
 75 100  
 77 25.3 25.8 38.6#



#54  
 cis-1,3-Dichloropropene  
 Concen: 12.239 ug/l  
 RT: 10.359 min Scan# 1412  
 Delta R.T. 0.047 min  
 Lab File: VN076276.D  
 Acq: 17 Jan 2023 13:36

Tgt Ion: 75 Resp: 76217  
 Ion Ratio Lower Upper  
 75 100  
 77 0.4 26.5 39.7#  
 39 33.8 37.1 55.7#





#57

1,3-Dichloropropane

Concen: 1.366 ug/l

RT: 11.206 min Scan# 1556

Delta R.T. 0.041 min

Lab File: VN076276.D

Acq: 17 Jan 2023 13:36

Instrument :

MSVOA\_N

ClientSampleId :

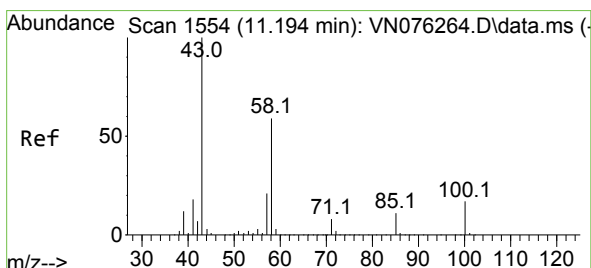
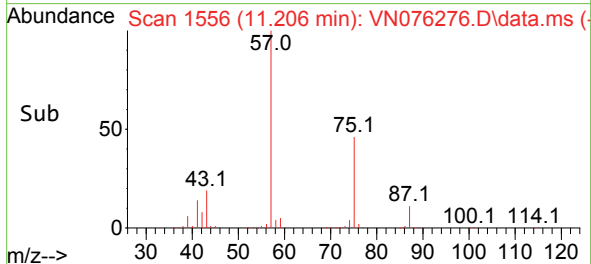
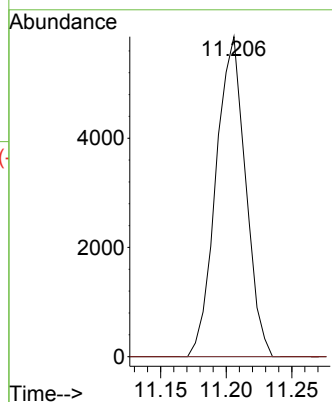
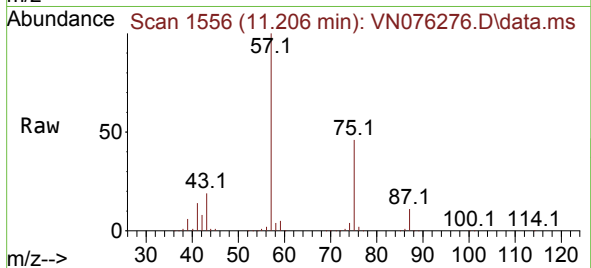
PB150289ZHE#01

Tgt Ion: 76 Resp: 9187

Ion Ratio Lower Upper

76 100

78 0.0 26.4 39.6#



#59

2-Hexanone

Concen: 50.899 ug/l

RT: 11.171 min Scan# 1550

Delta R.T. -0.023 min

Lab File: VN076276.D

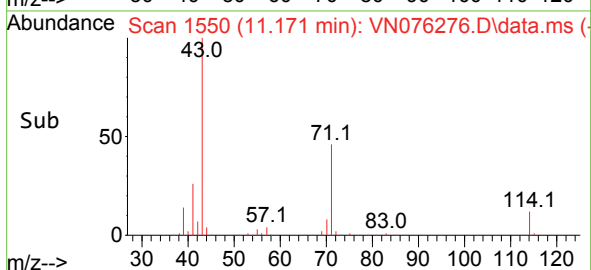
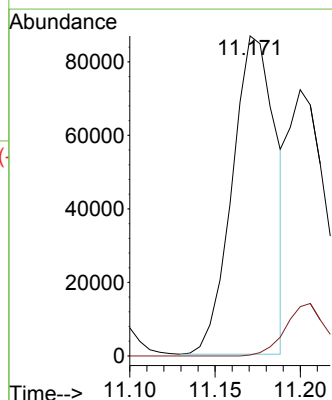
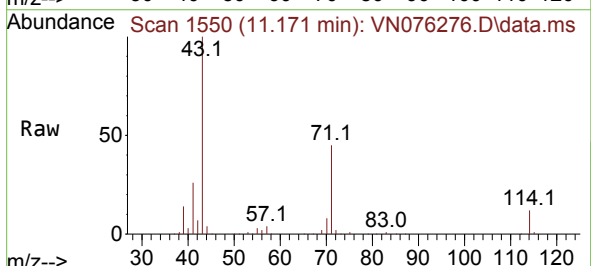
Acq: 17 Jan 2023 13:36

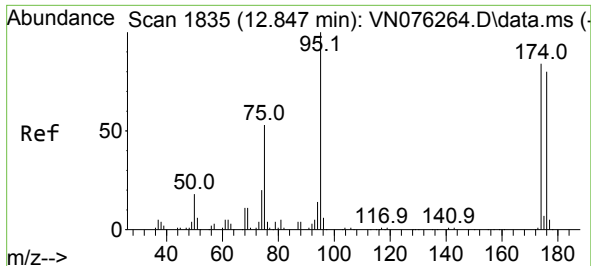
Tgt Ion: 43 Resp: 153031

Ion Ratio Lower Upper

43 100

58 0.0 30.1 90.3#

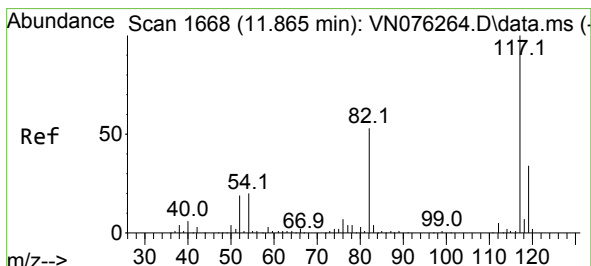
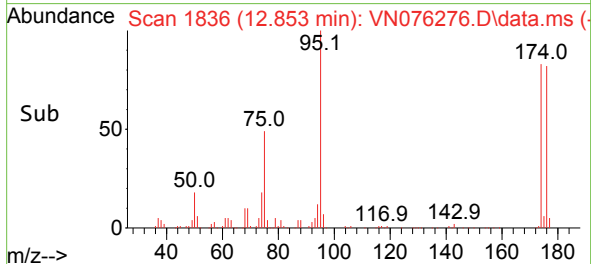
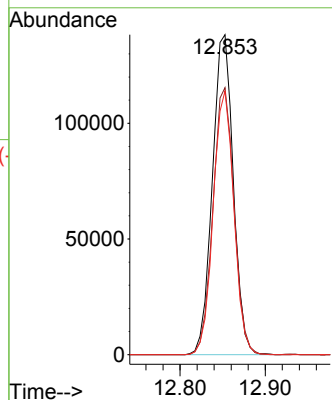
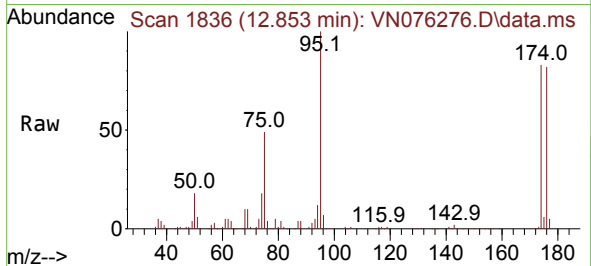




#62  
4-Bromofluorobenzene  
Concen: 51.314 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. 0.006 min  
Lab File: VN076276.D  
Acq: 17 Jan 2023 13:36

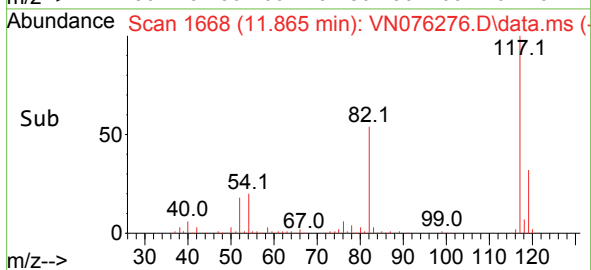
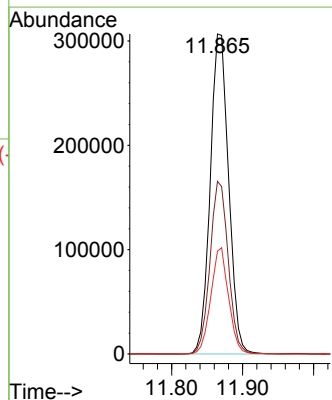
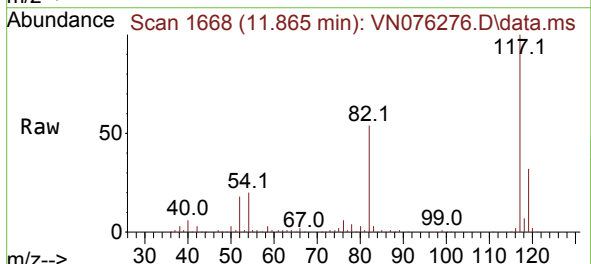
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB150289ZHE#01

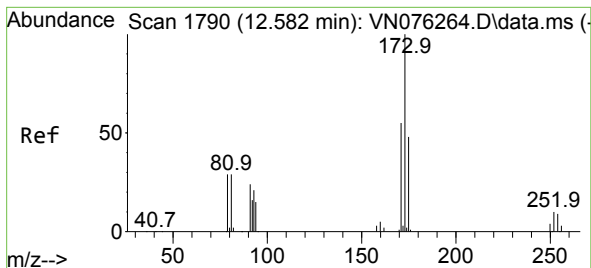
Tgt Ion: 95 Resp: 235818  
Ion Ratio Lower Upper  
95 100  
174 84.5 0.0 174.6  
176 81.3 0.0 167.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1668  
Delta R.T. -0.000 min  
Lab File: VN076276.D  
Acq: 17 Jan 2023 13:36

Tgt Ion: 117 Resp: 551301  
Ion Ratio Lower Upper  
117 100  
82 54.0 42.2 63.2  
119 32.2 26.9 40.3





#71

Bromoform

Concen: 0.582 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.271 min

Lab File: VN076276.D

Acq: 17 Jan 2023 13:36

Instrument :

MSVOA\_N

ClientSampleId :

PB150289ZHE#01

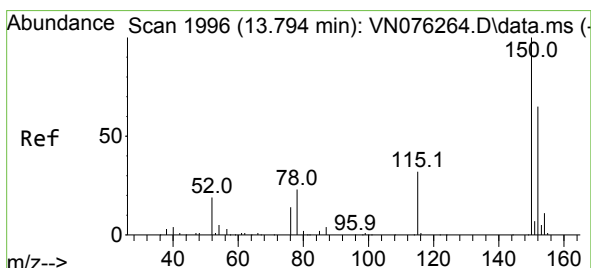
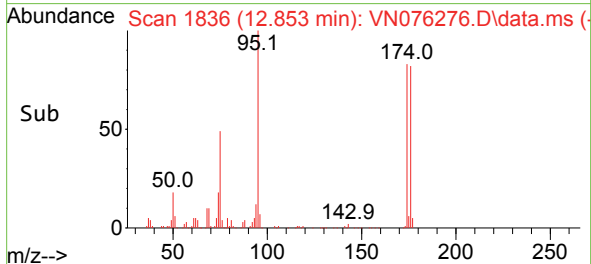
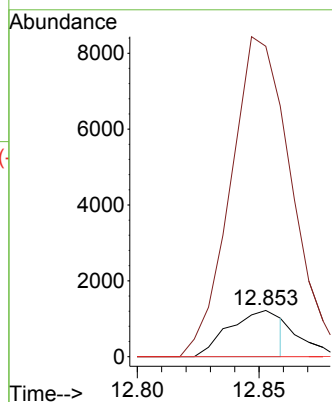
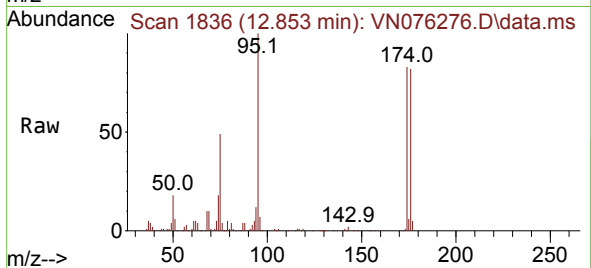
Tgt Ion:173 Resp: 1823

Ion Ratio Lower Upper

173 100

175 658.0 24.1 72.4#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076276.D

Acq: 17 Jan 2023 13:36

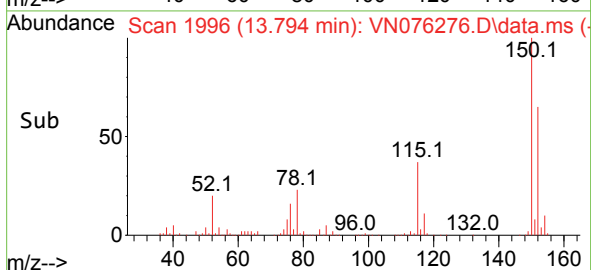
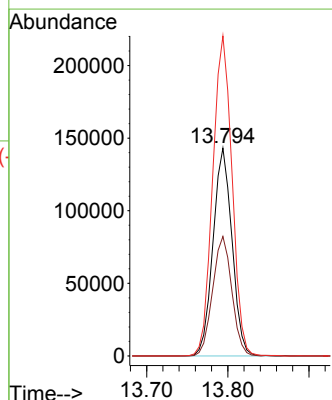
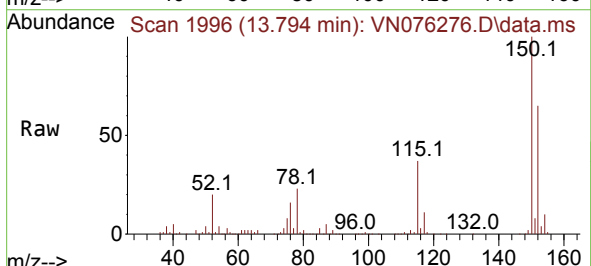
Tgt Ion:152 Resp: 232279

Ion Ratio Lower Upper

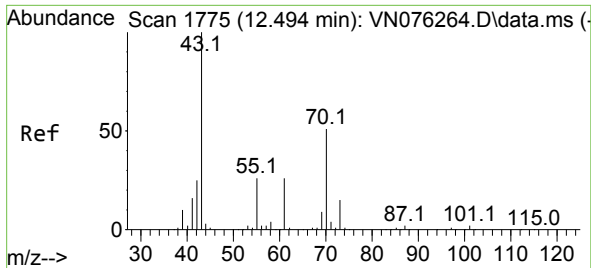
152 100

115 58.0 29.6 88.9

150 156.8 0.0 351.4



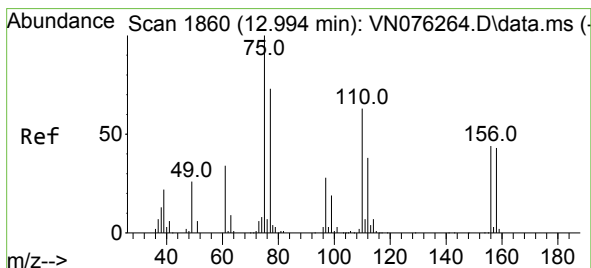
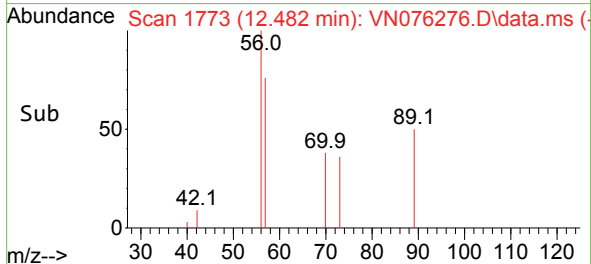
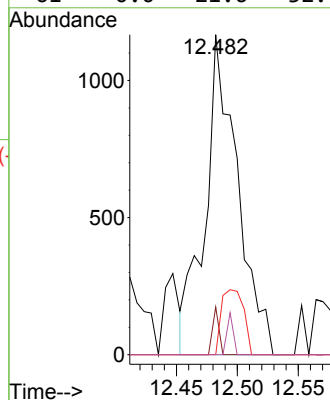
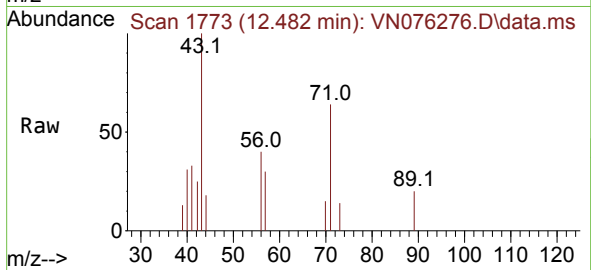




#74  
N-amy1 acetate  
Concen: 0.419 ug/l  
RT: 12.482 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: VN076276.D  
Acq: 17 Jan 2023 13:36

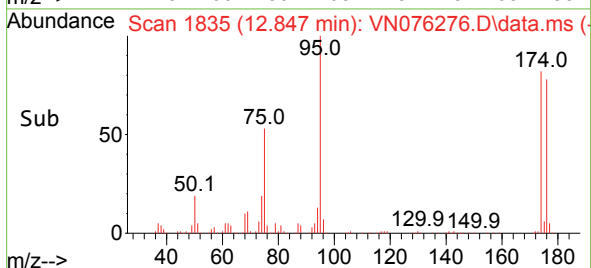
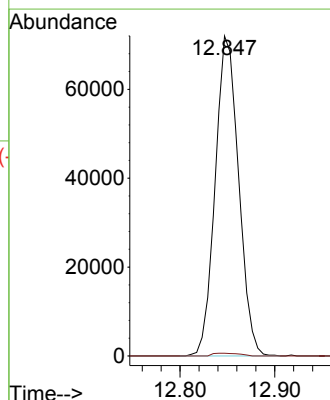
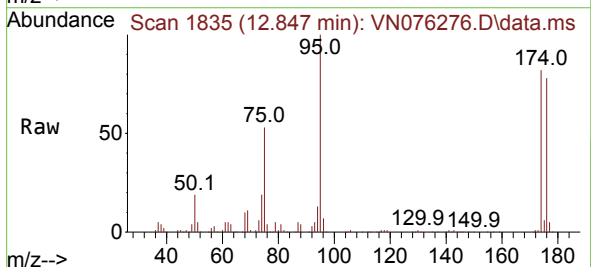
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB150289ZHE#01

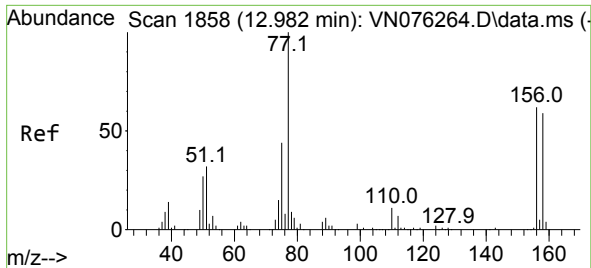
Tgt Ion: 43 Resp: 2164  
Ion Ratio Lower Upper  
43 100  
70 2.8 41.2 61.8#  
55 13.9 21.0 31.6#  
61 0.0 21.6 32.4#



#76  
1,2,3-Trichloropropane  
Concen: 28.865 ug/l  
RT: 12.847 min Scan# 1835  
Delta R.T. -0.147 min  
Lab File: VN076276.D  
Acq: 17 Jan 2023 13:36

Tgt Ion: 75 Resp: 123839  
Ion Ratio Lower Upper  
75 100  
77 1.0 75.2 225.6#

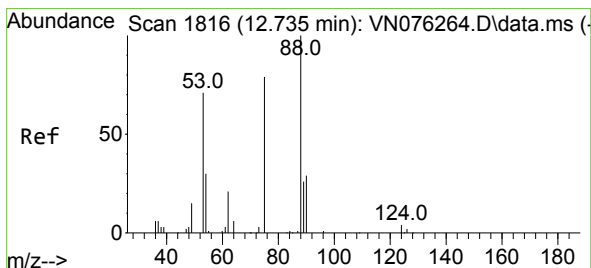
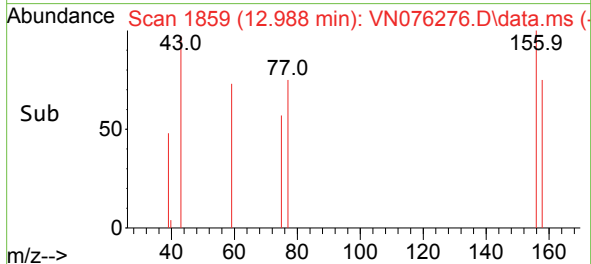
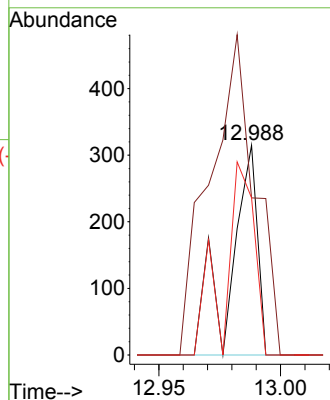
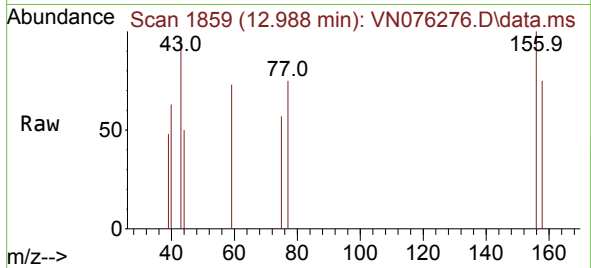




#77  
Bromobenzene  
Concen: Below Cal  
RT: 12.988 min Scan# 1859  
Delta R.T. 0.006 min  
Lab File: VN076276.D  
Acq: 17 Jan 2023 13:36

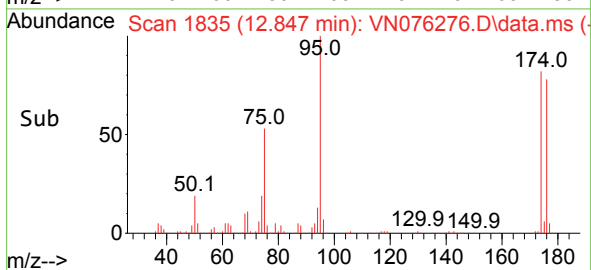
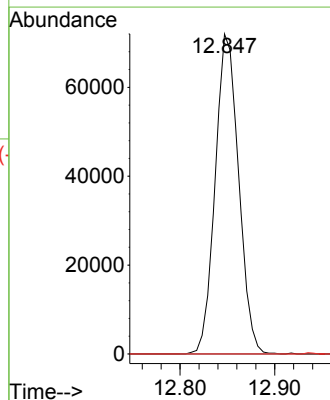
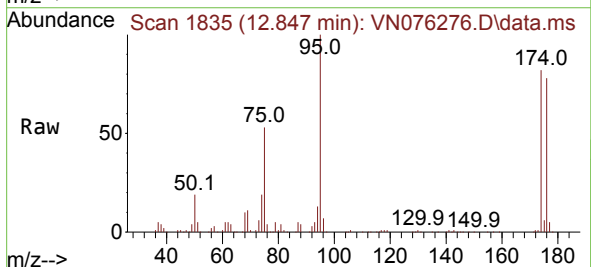
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MSVOA\_N  
ClientSampleId :  
PB150289ZHE#01

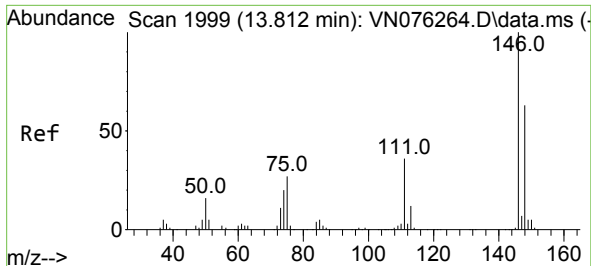
Tgt Ion:156 Resp: 240  
Ion Ratio Lower Upper  
156 100  
77 258.8 93.4 280.2  
158 102.9 48.4 145.2



#81  
trans-1,4-Dichloro-2-butene  
Concen: 88.707 ug/l  
RT: 12.847 min Scan# 1835  
Delta R.T. 0.112 min  
Lab File: VN076276.D  
Acq: 17 Jan 2023 13:36

Tgt Ion: 75 Resp: 123839  
Ion Ratio Lower Upper  
75 100  
53 0.0 75.8 113.8#  
89 0.0 37.0 55.6#

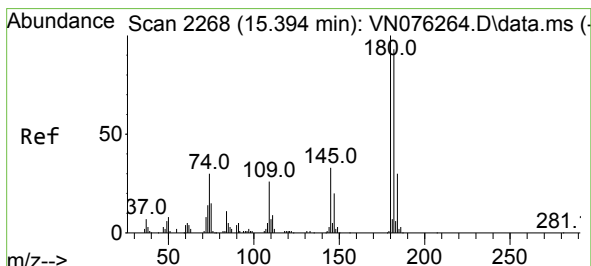
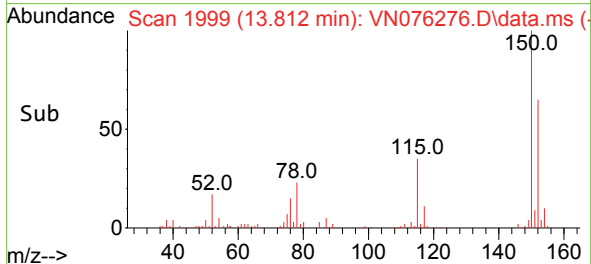
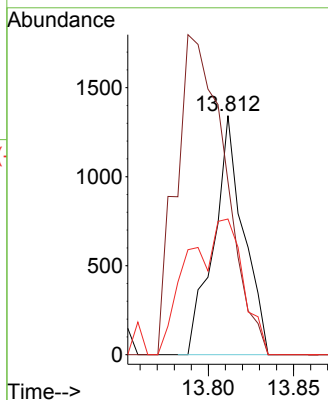
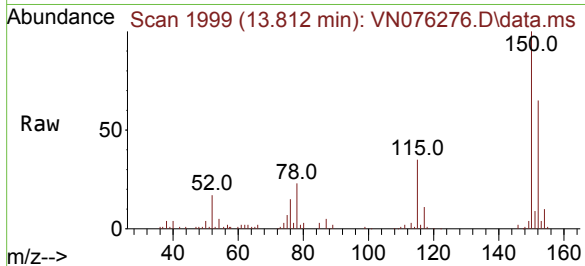




#88  
 1,4-Dichlorobenzene  
 Concen: 0.303 ug/l  
 RT: 13.812 min Scan# 1999  
 Delta R.T. -0.000 min  
 Lab File: VN076276.D  
 Acq: 17 Jan 2023 13:36

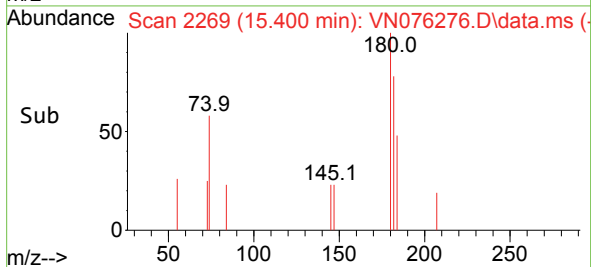
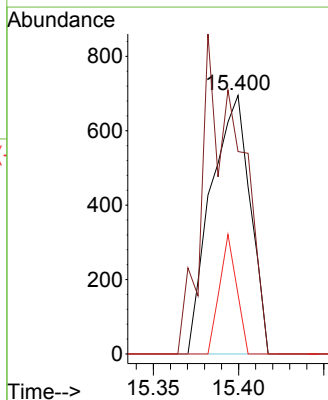
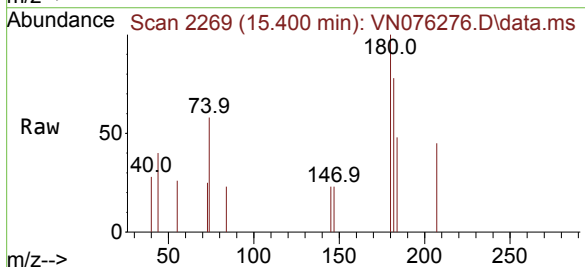
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB150289ZHE#01

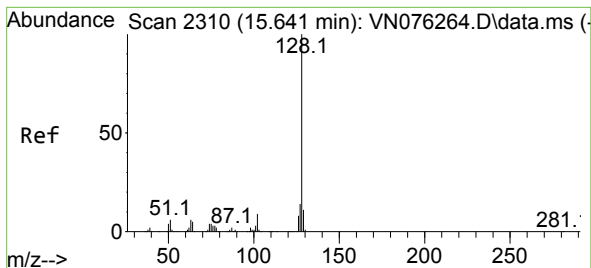
Tgt Ion:146 Resp: 1631  
 Ion Ratio Lower Upper  
 146 100  
 111 0.0 19.1 57.5#  
 148 103.8 31.9 95.9#



#93  
 1,2,4-Trichlorobenzene  
 Concen: 1.571 ug/l  
 RT: 15.400 min Scan# 2269  
 Delta R.T. 0.006 min  
 Lab File: VN076276.D  
 Acq: 17 Jan 2023 13:36

Tgt Ion:180 Resp: 1111  
 Ion Ratio Lower Upper  
 180 100  
 182 119.5 47.0 141.2  
 145 20.2 15.2 45.5





#95

Naphthalene

Concen: 2.274 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076276.D

Acq: 17 Jan 2023 13:36

Instrument :

MSVOA\_N

ClientSampleId :

PB150289ZHE#01

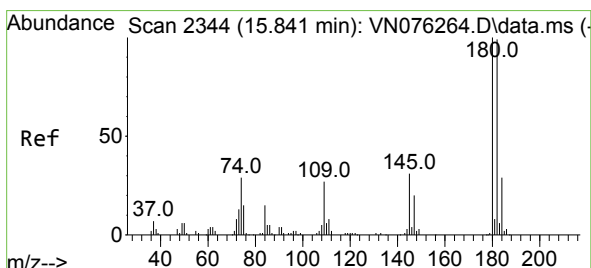
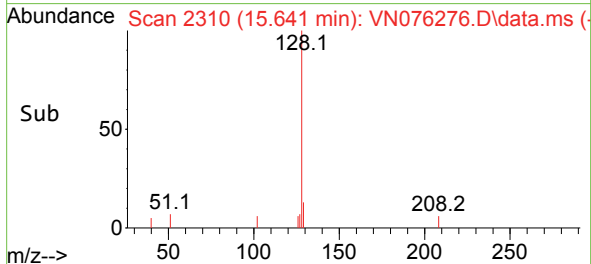
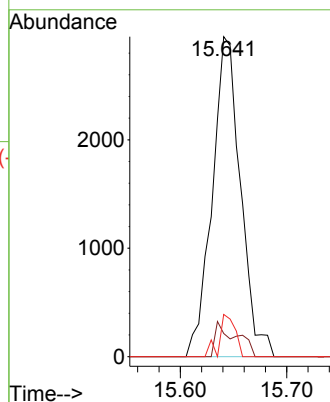
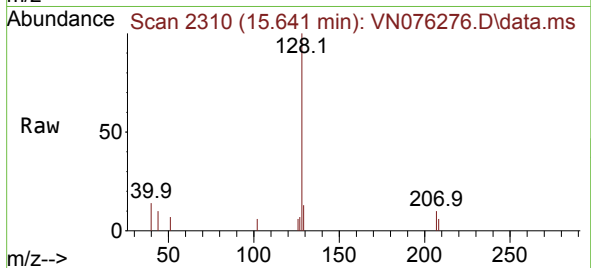
Tgt Ion:128 Resp: 5448

Ion Ratio Lower Upper

128 100

127 8.1 10.3 15.5#

129 7.3 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 1.483 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN076276.D

Acq: 17 Jan 2023 13:36

Tgt Ion:180 Resp: 1308

Ion Ratio Lower Upper

180 100

182 75.5 47.5 142.5

145 34.9 15.9 47.6

