

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077046.D
 Acq On : 17 Mar 2023 20:36
 Operator : JC\MD
 Sample : 01904-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D2-20230313

Quant Time: Mar 18 02:35:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 02:17:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	341378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	629284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	548242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	202743	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	276592	50.724	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.440%
35) Dibromofluoromethane	8.172	113	204504	46.405	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.800%
50) Toluene-d8	10.571	98	767906	48.780	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.560%
62) 4-Bromofluorobenzene	12.854	95	244613	43.973	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.940%

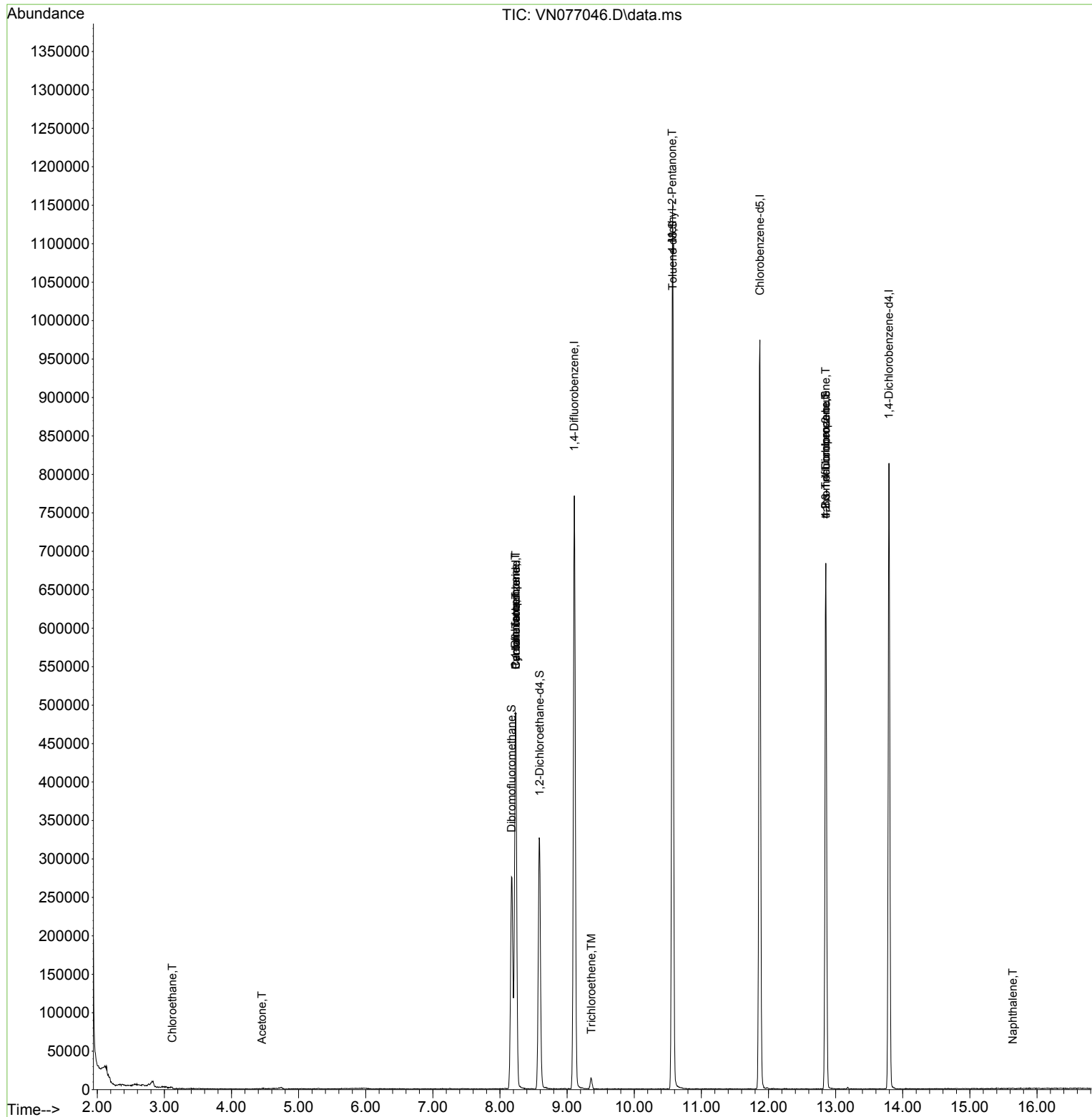
Target Compounds					Qvalue	
6) Chloroethane	3.119	64	511	0.218	ug/l #	42
16) Acetone	4.454	43	492	0.202	ug/l #	43
31) Cyclohexane	8.236	56	8918	1.000	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	31699	4.605	ug/l #	52
38) Carbon Tetrachloride	8.236	117	37910	5.654	ug/l #	16
44) Trichloroethene	9.360	130	5119	1.068	ug/l	91
51) 4-Methyl-2-Pentanone	10.566	43	3739	0.522	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	133187	25.397	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	133187	69.906	ug/l #	10
95) Naphthalene	15.642	128	509	1.948	ug/l #	70

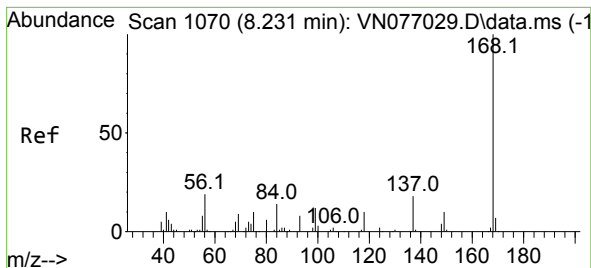
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
Data File : VN077046.D
Acq On : 17 Mar 2023 20:36
Operator : JC\MD
Sample : 01904-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RE117D2-20230313

Quant Time: Mar 18 02:35:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 18 02:17:37 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.236 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN077046.D

Acq: 17 Mar 2023 20:36

Instrument :

MSVOA_N

ClientSampleId :

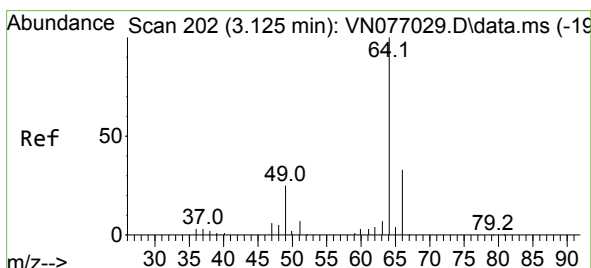
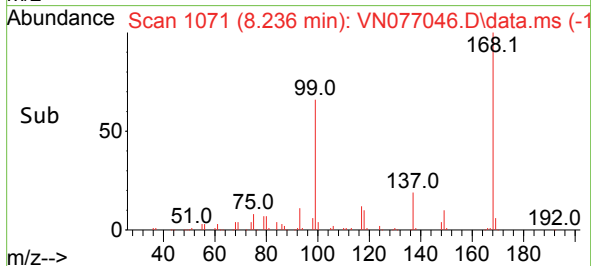
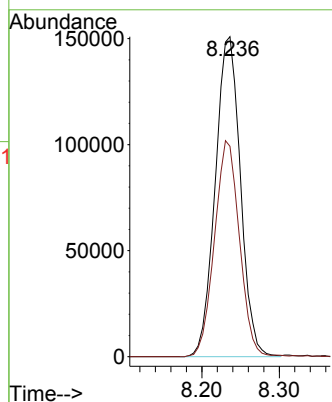
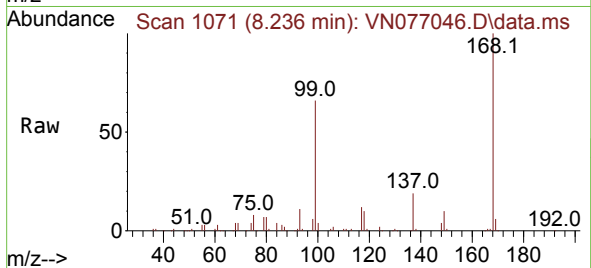
RE117D2-20230313

Tgt Ion:168 Resp: 341378

Ion Ratio Lower Upper

168 100

99 65.7 53.9 80.9



#6

Chloroethane

Concen: 0.218 ug/l

RT: 3.119 min Scan# 201

Delta R.T. -0.006 min

Lab File: VN077046.D

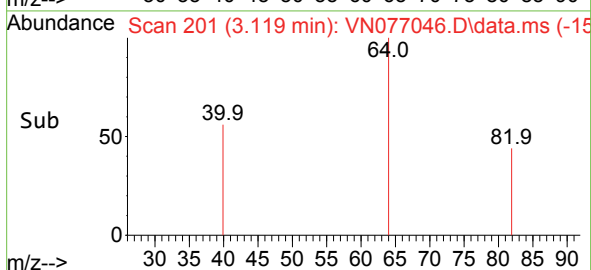
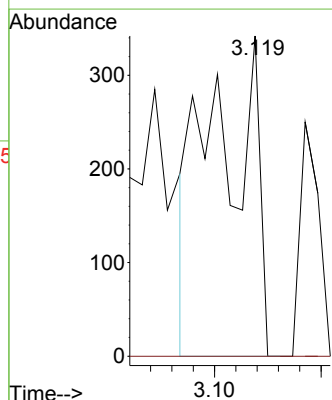
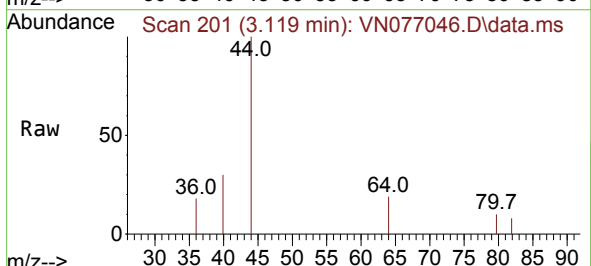
Acq: 17 Mar 2023 20:36

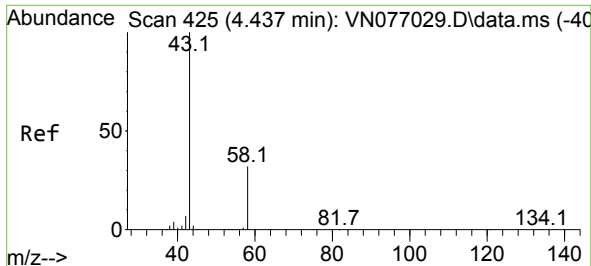
Tgt Ion: 64 Resp: 511

Ion Ratio Lower Upper

64 100

66 0.0 26.3 39.5#

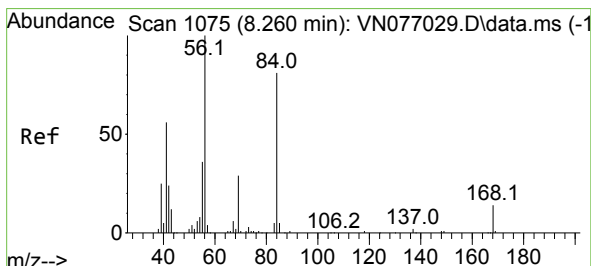
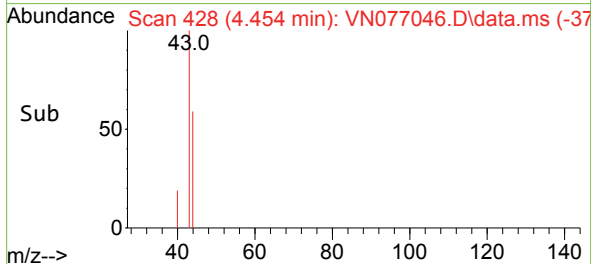
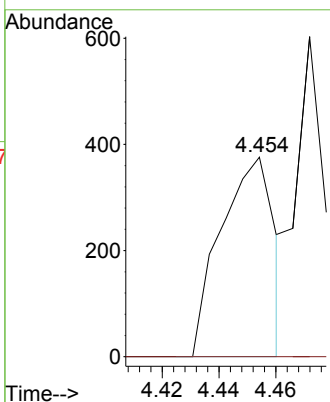
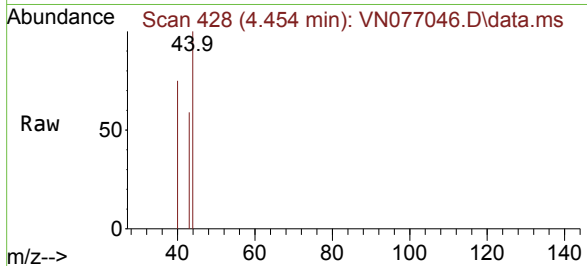




#16
Acetone
Concen: 0.202 ug/l
RT: 4.454 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN077046.D
Acq: 17 Mar 2023 20:36

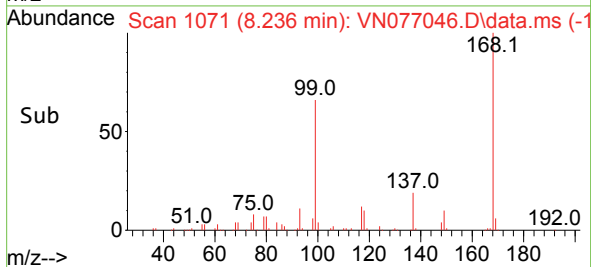
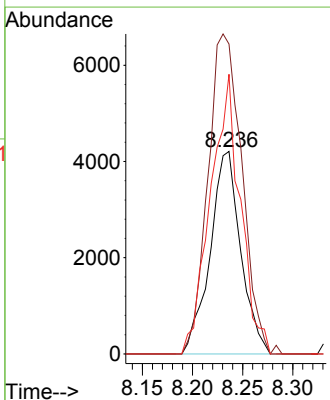
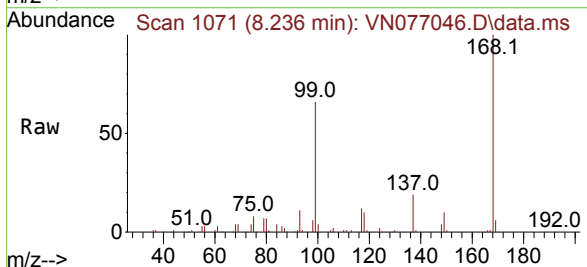
Instrument :
MSVOA_N
ClientSampleId :
RE117D2-20230313

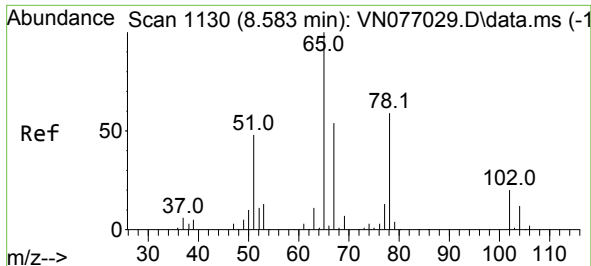
Tgt Ion: 43 Resp: 492
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.0#



#31
Cyclohexane
Concen: 1.000 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. -0.024 min
Lab File: VN077046.D
Acq: 17 Mar 2023 20:36

Tgt Ion: 56 Resp: 8918
Ion Ratio Lower Upper
56 100
69 153.1 22.8 34.2#
84 138.1 64.7 97.1#





#33

1,2-Dichloroethane-d4

Concen: 50.724 ug/l

RT: 8.589 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN077046.D

Acq: 17 Mar 2023 20:36

Instrument :

MSVOA_N

ClientSampleId :

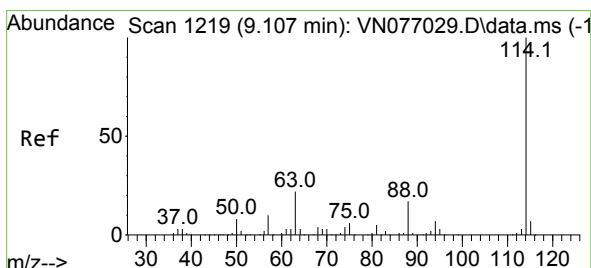
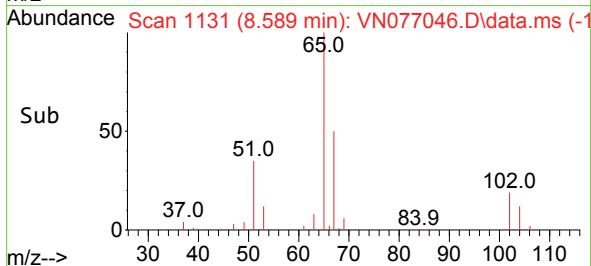
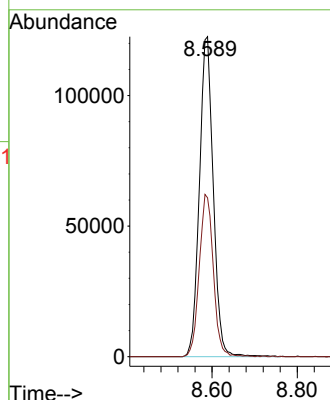
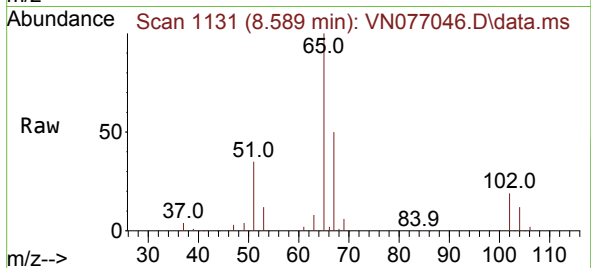
RE117D2-20230313

Tgt Ion: 65 Resp: 276592

Ion Ratio Lower Upper

65 100

67 51.5 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077046.D

Acq: 17 Mar 2023 20:36

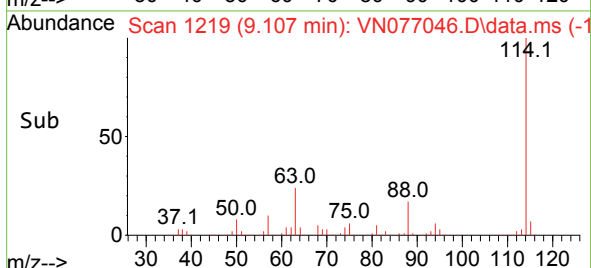
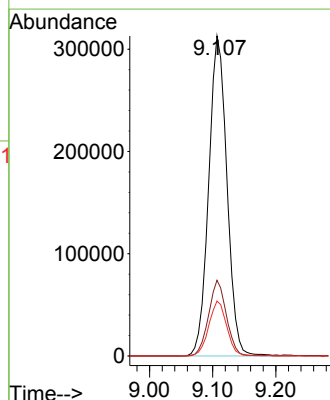
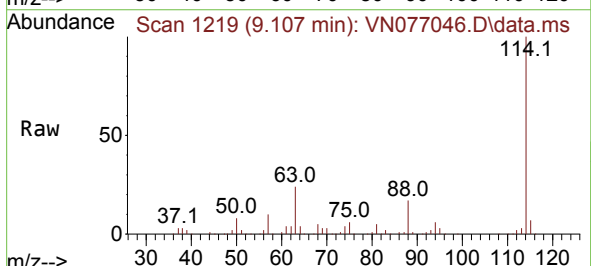
Tgt Ion: 114 Resp: 629284

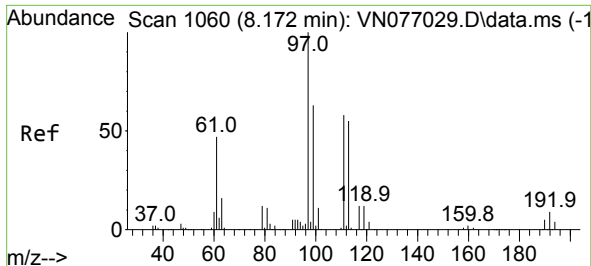
Ion Ratio Lower Upper

114 100

63 23.6 0.0 44.6

88 17.1 0.0 33.8

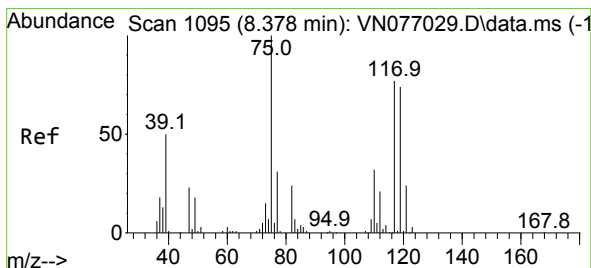
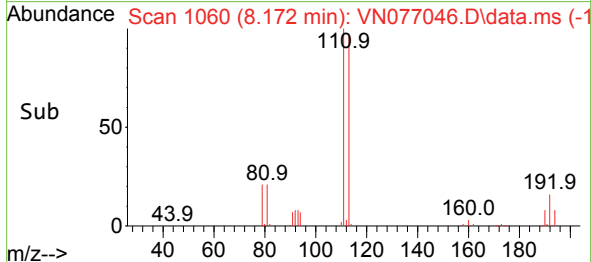
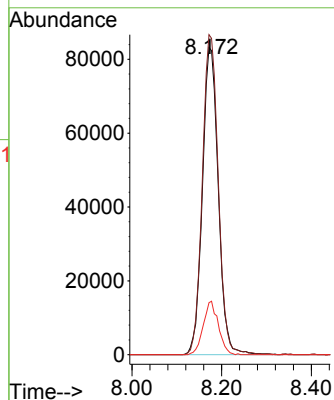
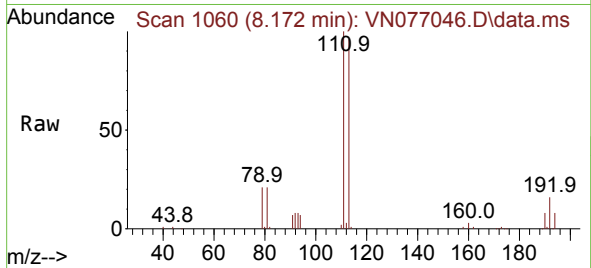




#35
Dibromofluoromethane
Concen: 46.405 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077046.D
Acq: 17 Mar 2023 20:36

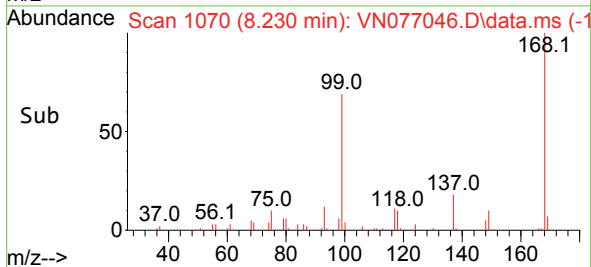
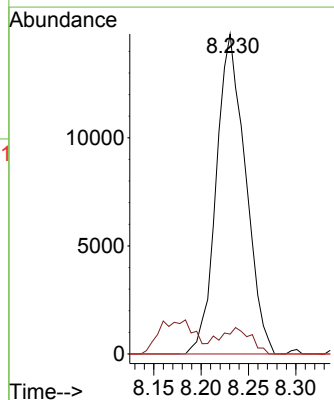
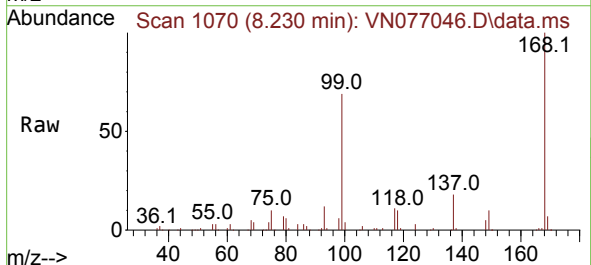
Instrument :
MSVOA_N
ClientSampleId :
RE117D2-20230313

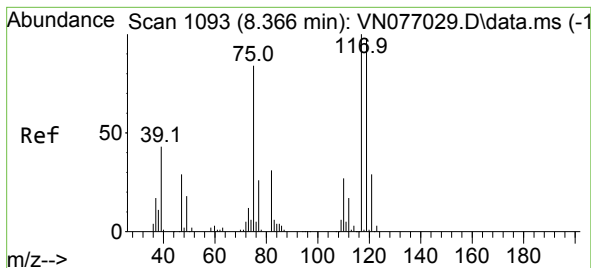
Tgt Ion:113 Resp: 204504
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.2
192 16.6 13.0 19.6



#36
1,1-Dichloropropene
Concen: 4.605 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.147 min
Lab File: VN077046.D
Acq: 17 Mar 2023 20:36

Tgt Ion: 75 Resp: 31699
Ion Ratio Lower Upper
75 100
110 8.8 15.9 47.7#
77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 5.654 ug/l

RT: 8.236 min Scan# 1093

Delta R.T. -0.130 min

Lab File: VN077046.D

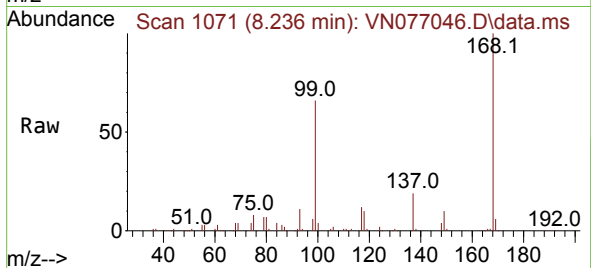
Acq: 17 Mar 2023 20:36

Instrument :

MSVOA_N

ClientSampleId :

RE117D2-20230313



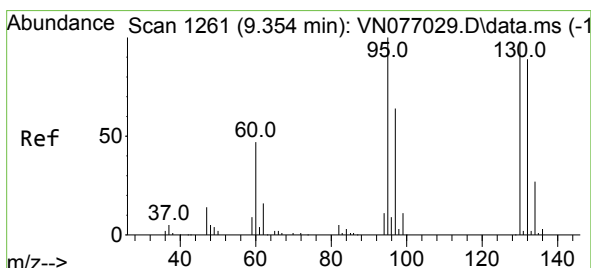
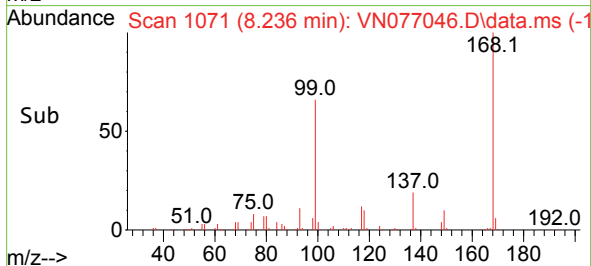
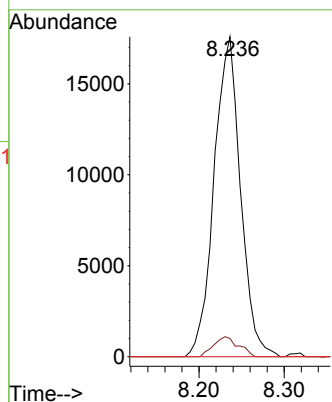
Tgt Ion:117 Resp: 37910

Ion Ratio Lower Upper

117 100

119 5.7 78.2 117.2#

121 0.0 23.2 34.8#



#44

Trichloroethene

Concen: 1.068 ug/l

RT: 9.360 min Scan# 1262

Delta R.T. 0.006 min

Lab File: VN077046.D

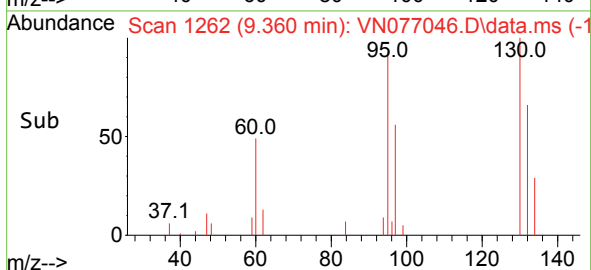
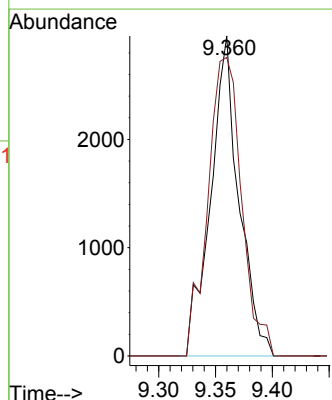
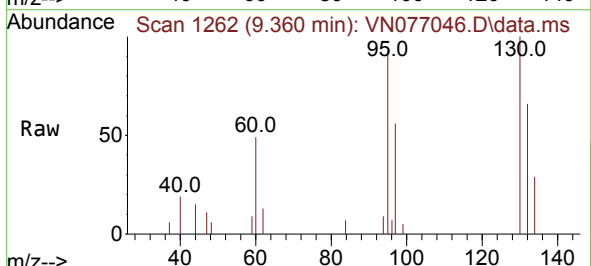
Acq: 17 Mar 2023 20:36

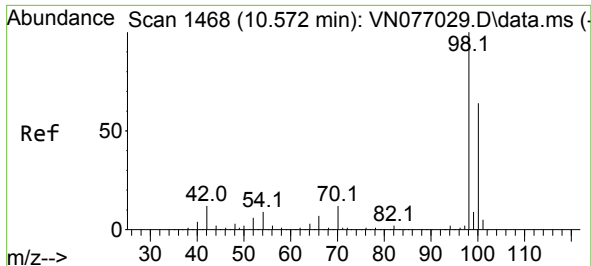
Tgt Ion:130 Resp: 5119

Ion Ratio Lower Upper

130 100

95 93.3 0.0 204.4

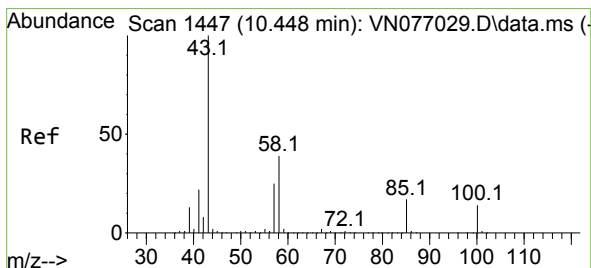
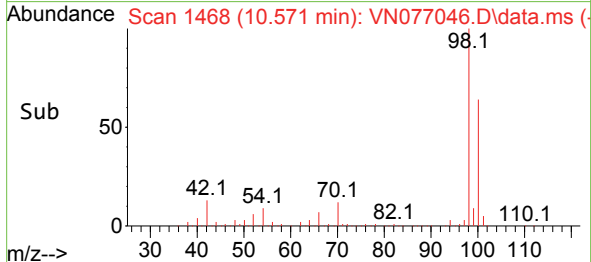
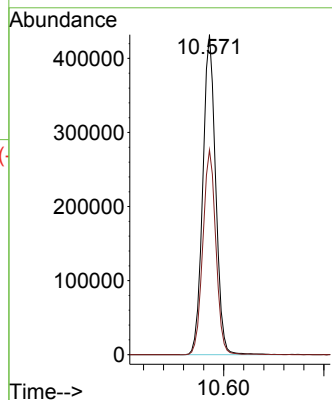
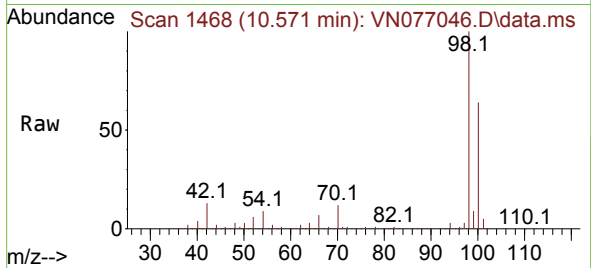




#50
Toluene-d8
Concen: 48.780 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077046.D
Acq: 17 Mar 2023 20:36

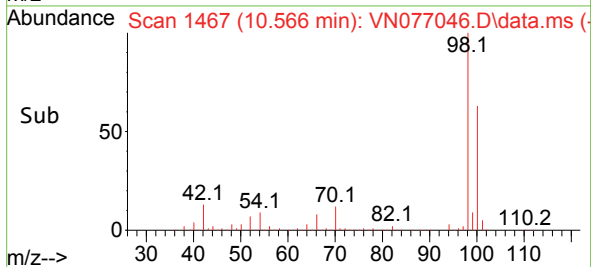
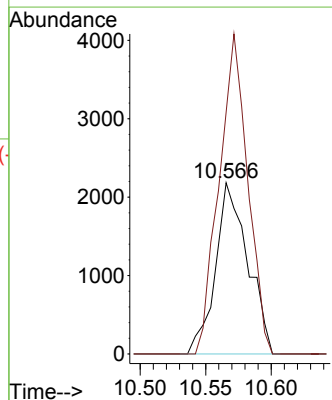
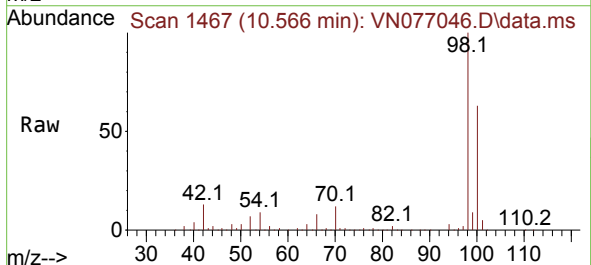
Instrument :
MSVOA_N
ClientSampleId :
RE117D2-20230313

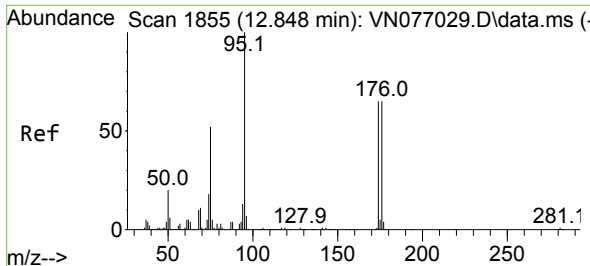
Tgt Ion: 98 Resp: 767906
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 0.522 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. 0.118 min
Lab File: VN077046.D
Acq: 17 Mar 2023 20:36

Tgt Ion: 43 Resp: 3739
Ion Ratio Lower Upper
43 100
58 166.1 31.1 46.7#

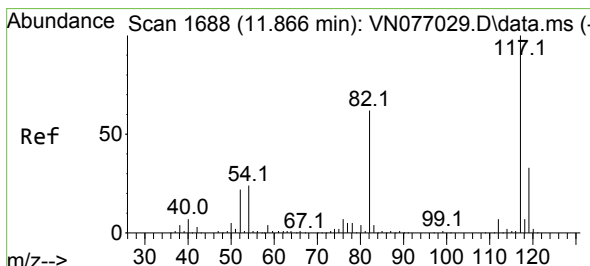
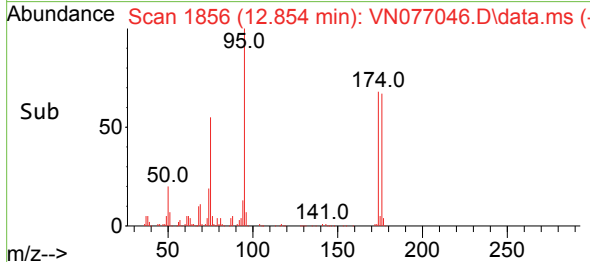
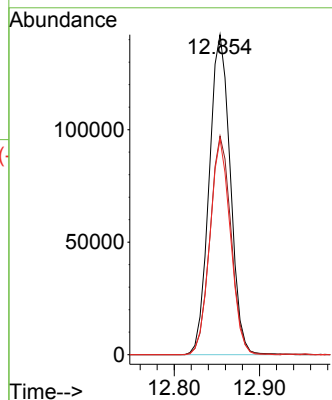
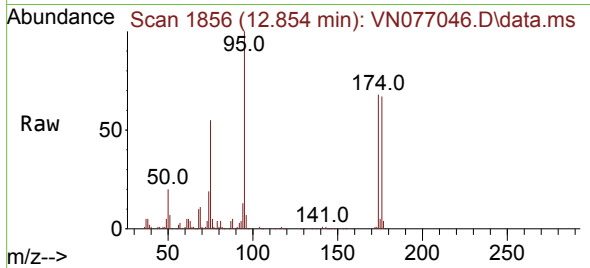




#62
4-Bromofluorobenzene
Concen: 43.973 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077046.D
Acq: 17 Mar 2023 20:36

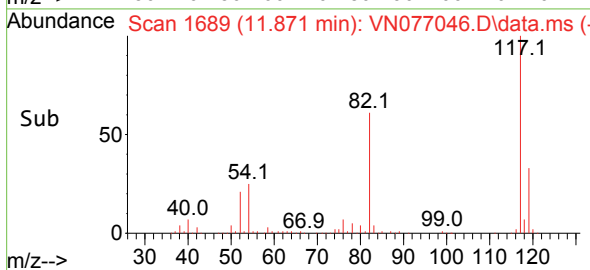
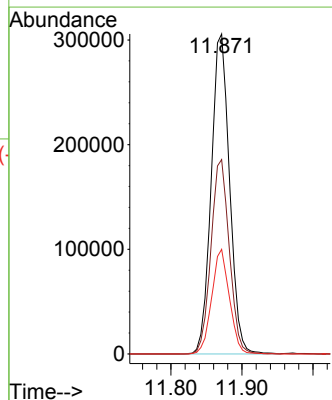
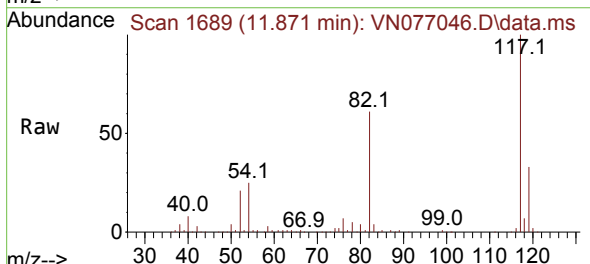
Instrument :
MSVOA_N
ClientSampleId :
RE117D2-20230313

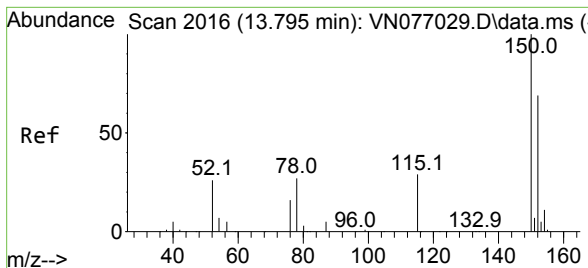
Tgt Ion: 95 Resp: 244613
Ion Ratio Lower Upper
95 100
174 68.3 0.0 136.6
176 65.6 0.0 130.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077046.D
Acq: 17 Mar 2023 20:36

Tgt Ion: 117 Resp: 548242
Ion Ratio Lower Upper
117 100
82 60.7 49.4 74.0
119 32.7 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077046.D

Acq: 17 Mar 2023 20:36

Instrument :

MSVOA_N

ClientSampleId :

RE117D2-20230313

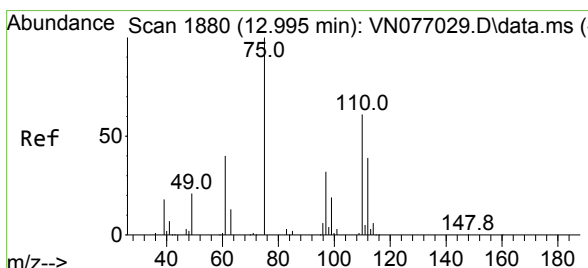
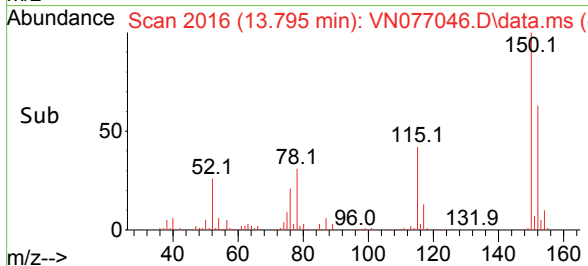
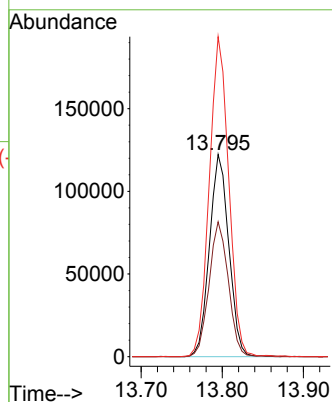
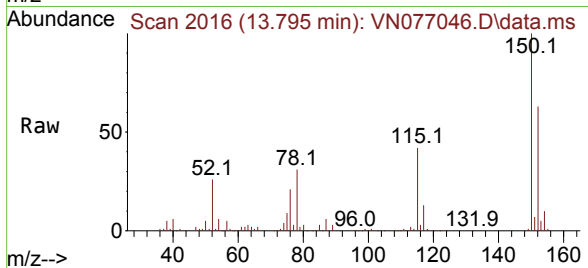
Tgt Ion:152 Resp: 202743

Ion Ratio Lower Upper

152 100

115 66.3 31.9 95.7

150 158.3 0.0 348.0



#76

1,2,3-Trichloropropane

Concen: 25.397 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. -0.141 min

Lab File: VN077046.D

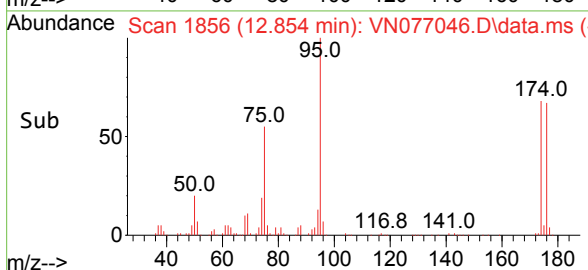
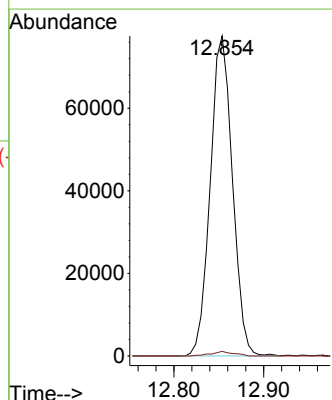
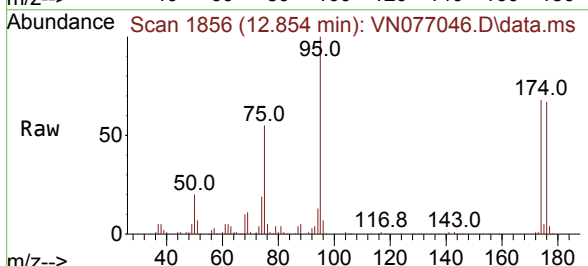
Acq: 17 Mar 2023 20:36

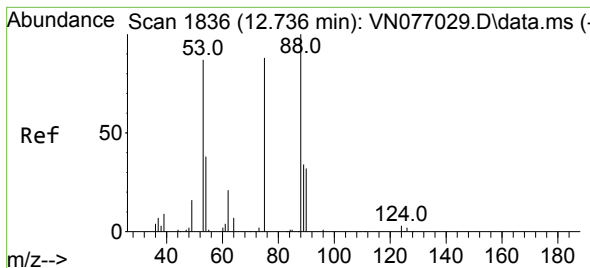
Tgt Ion: 75 Resp: 133187

Ion Ratio Lower Upper

75 100

77 1.4 107.3 322.0#

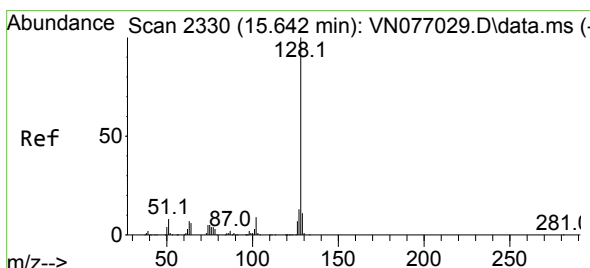
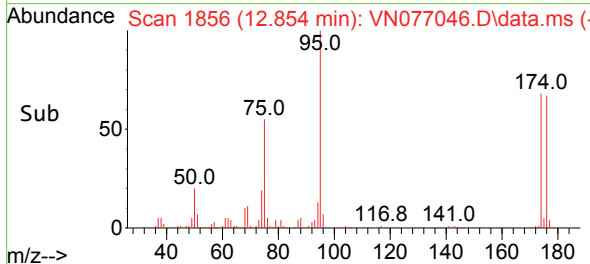
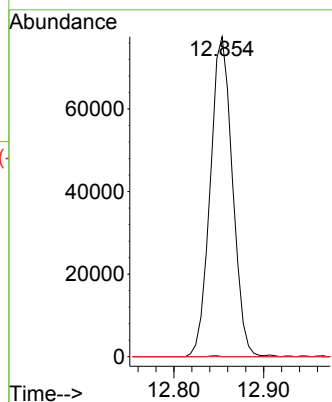
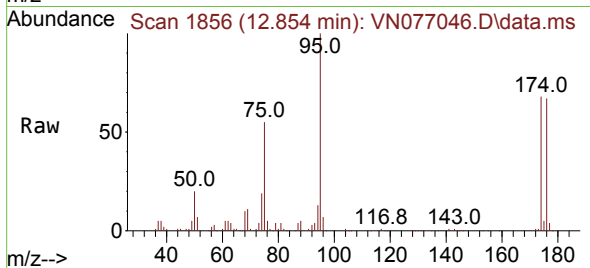




#81
trans-1,4-Dichloro-2-butene
Concen: 69.906 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN077046.D
Acq: 17 Mar 2023 20:36

Instrument :
MSVOA_N
ClientSampleId :
RE117D2-20230313

Tgt Ion: 75 Resp: 133187
Ion Ratio Lower Upper
75 100
53 0.1 80.8 121.2#
89 0.0 34.2 51.4#



#95
Naphthalene
Concen: 1.948 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN077046.D
Acq: 17 Mar 2023 20:36

Tgt Ion:128 Resp: 509
Ion Ratio Lower Upper
128 100
127 0.0 10.0 15.0#
129 0.0 8.6 13.0#

