

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012324\
 Data File : VN080754.D
 Acq On : 23 Jan 2024 10:55
 Operator : JC\MD
 Sample : VN0123WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0123WBL01

Quant Time: Jan 24 01:54:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

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

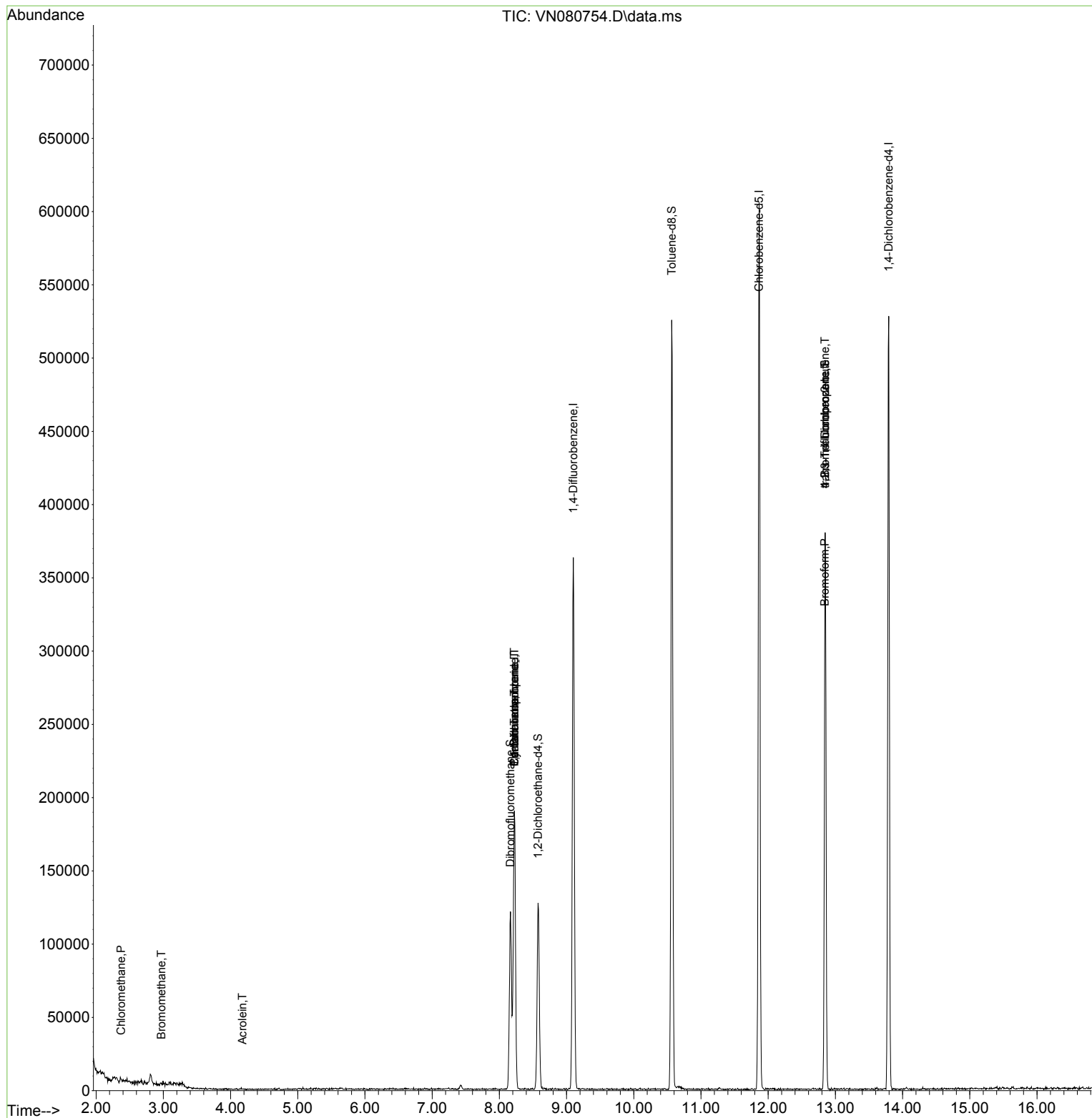
Internal Standards						
1) Pentafluorobenzene	8.224	168	125743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	295558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	312699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	97346	44.084	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.160%
35) Dibromofluoromethane	8.165	113	82892	49.361	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.720%
50) Toluene-d8	10.565	98	341575	53.344	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.680%
62) 4-Bromofluorobenzene	12.847	95	133770	54.478	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.960%
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	2589	0.474	ug/l	94
5) Bromomethane	2.971	94	146	0.207	ug/l #	4
6) Chloroethane	3.147	64	181	Below Cal	#	43
13) Acrolein	4.177	56	199	0.638	ug/l #	1
31) Cyclohexane	8.224	56	4499	1.319	ug/l #	29
36) 1,1-Dichloropropene	8.224	75	13074	3.801	ug/l #	46
38) Carbon Tetrachloride	8.224	117	15390	4.983	ug/l #	16
71) Bromoform	12.841	173	571	0.342	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	76341	20.234	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	76341	47.699	ug/l #	15

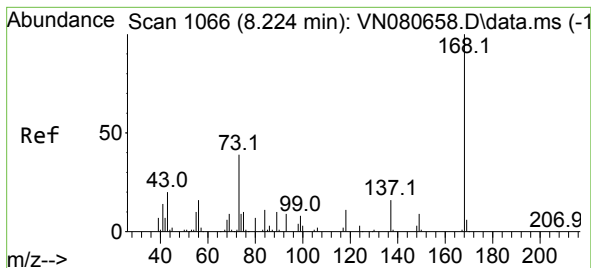
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 24 01:54:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:34:36 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080754.D

Acq: 23 Jan 2024 10:55

Instrument :

MSVOA_N

ClientSampleId :

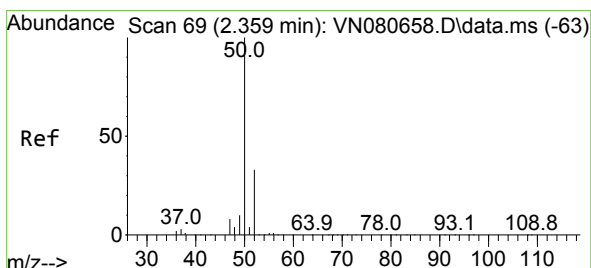
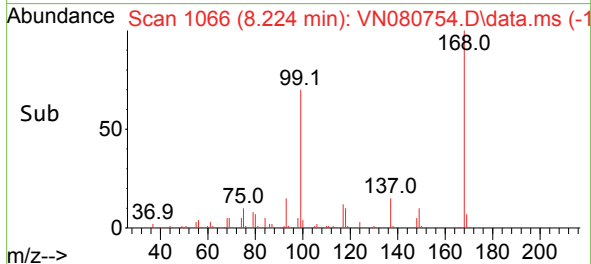
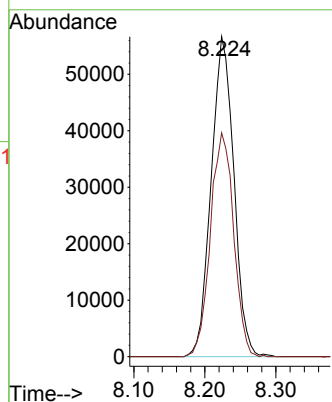
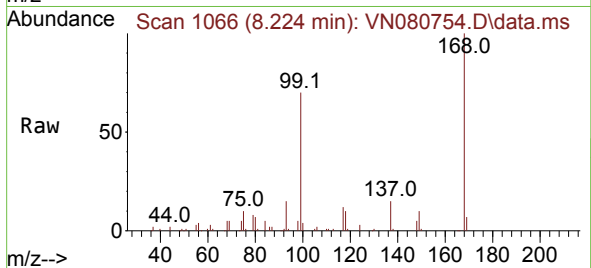
VN0123WBL01

Tgt Ion:168 Resp: 125743

Ion Ratio Lower Upper

168 100

99 69.9 53.0 79.6



#3

Chloromethane

Concen: 0.474 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.012 min

Lab File: VN080754.D

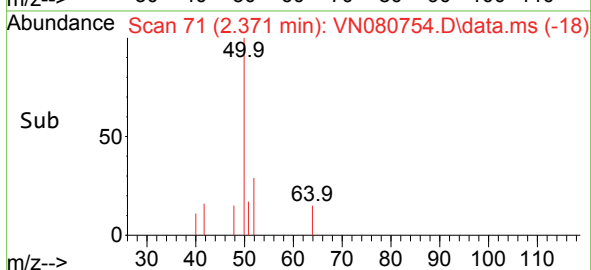
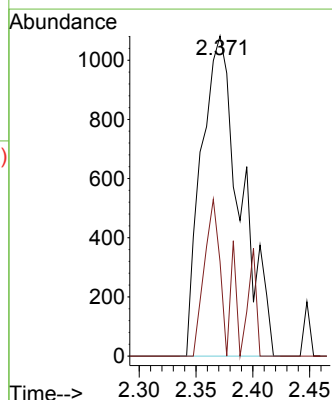
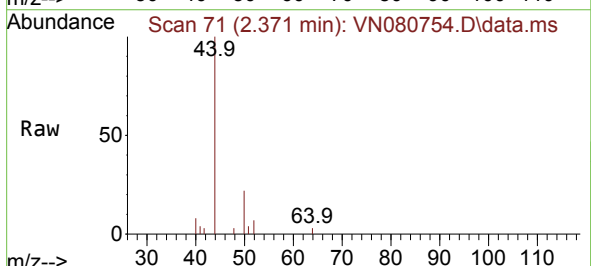
Acq: 23 Jan 2024 10:55

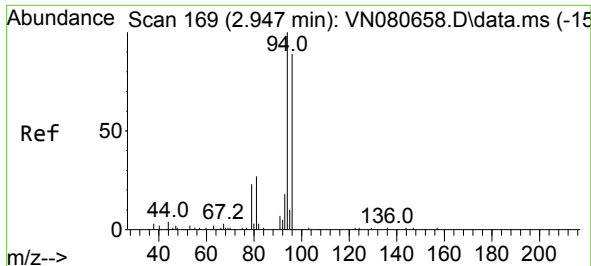
Tgt Ion: 50 Resp: 2589

Ion Ratio Lower Upper

50 100

52 29.5 26.5 39.7

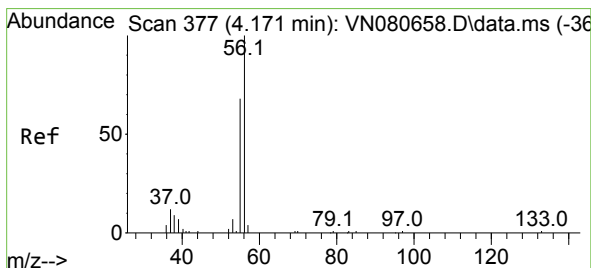
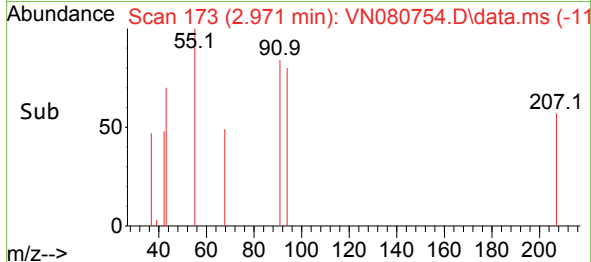
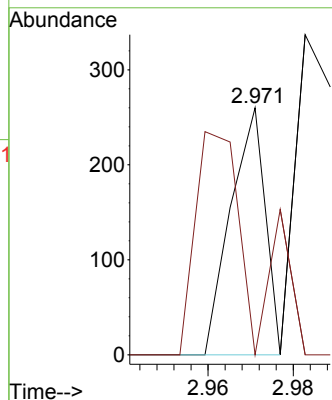
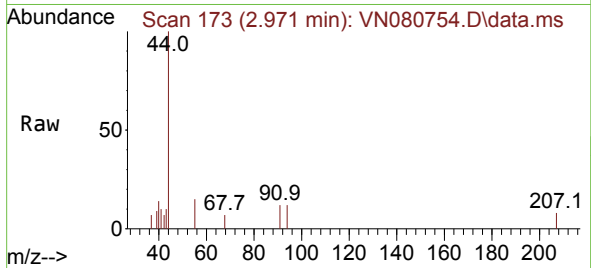




#5
Bromomethane
Concen: 0.207 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN080754.D
Acq: 23 Jan 2024 10:55

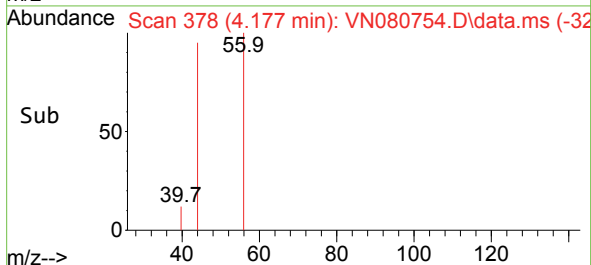
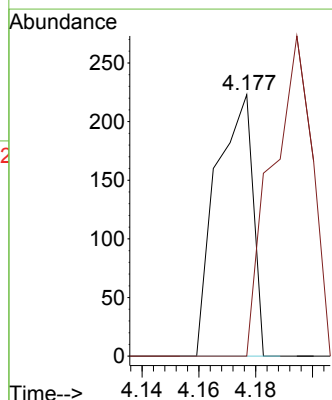
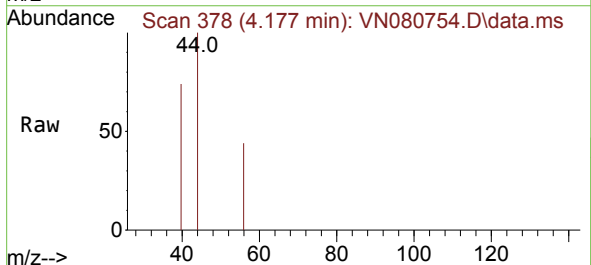
Instrument :
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VN0123WBL01

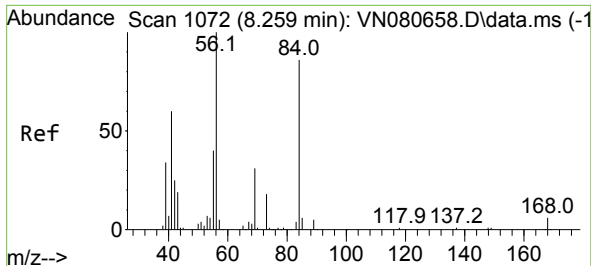
Tgt Ion: 94 Resp: 146
Ion Ratio Lower Upper
94 100
96 0.0 73.1 109.7#



#13
Acrolein
Concen: 0.638 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN080754.D
Acq: 23 Jan 2024 10:55

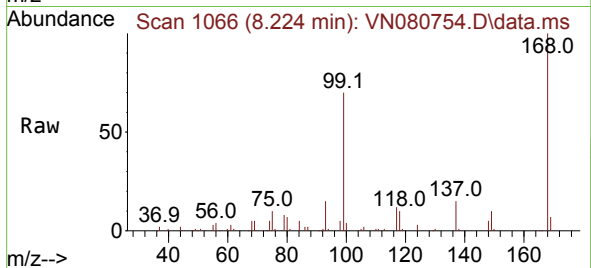
Tgt Ion: 56 Resp: 199
Ion Ratio Lower Upper
56 100
55 165.8 54.5 81.7#



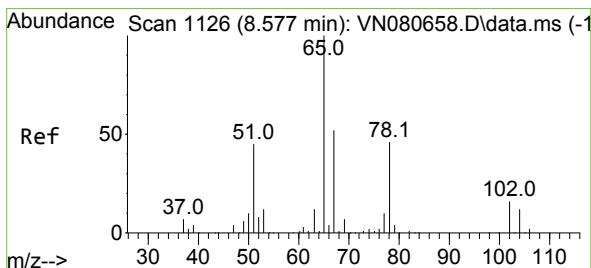
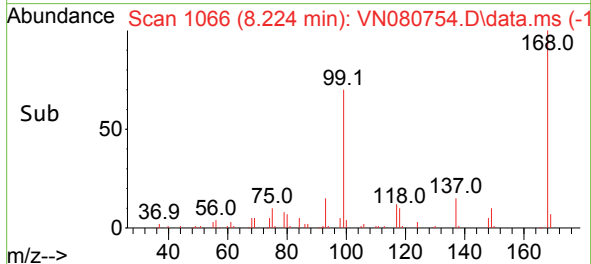
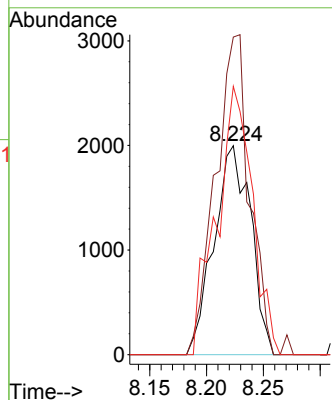


#31
Cyclohexane
Concen: 1.319 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080754.D
Acq: 23 Jan 2024 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0123WBL01

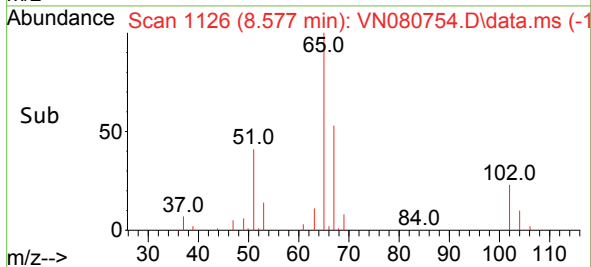
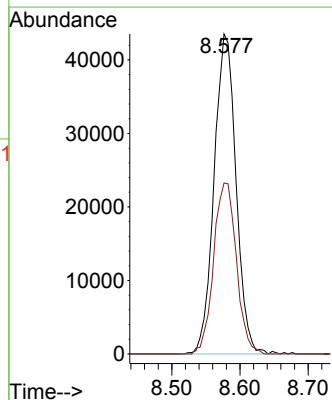
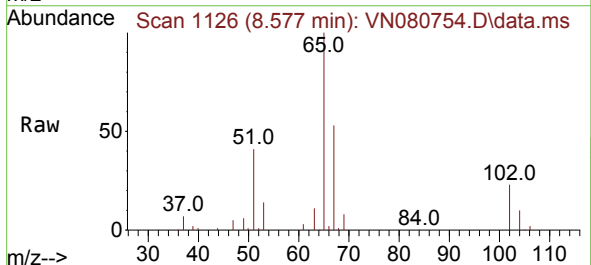


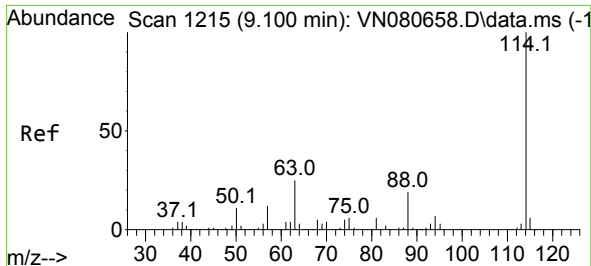
Tgt Ion: 56 Resp: 4499
Ion Ratio Lower Upper
56 100
69 152.0 26.8 40.2#
84 128.4 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 44.084 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080754.D
Acq: 23 Jan 2024 10:55

Tgt Ion: 65 Resp: 97346
Ion Ratio Lower Upper
65 100
67 55.6 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080754.D

Acq: 23 Jan 2024 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0123WBL01

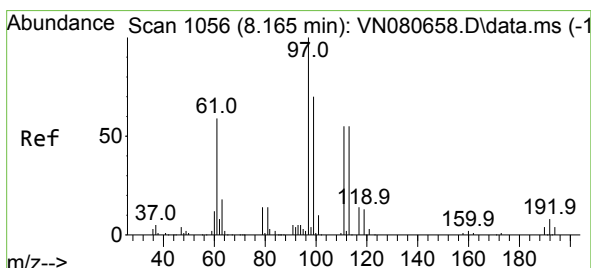
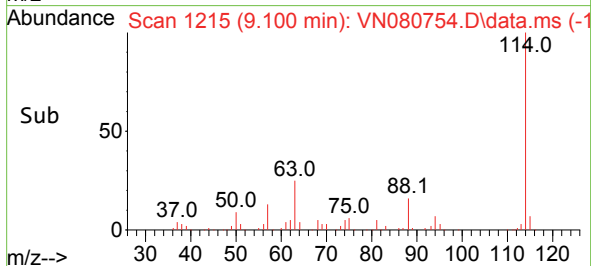
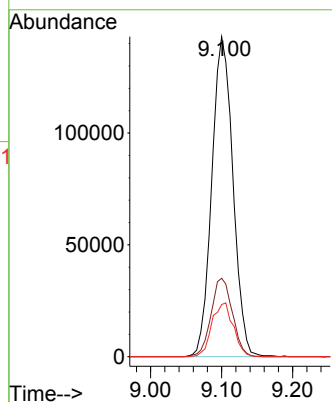
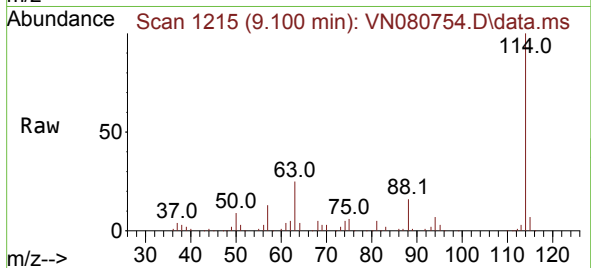
Tgt Ion:114 Resp: 295558

Ion Ratio Lower Upper

114 100

63 24.5 0.0 36.4

88 16.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.361 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080754.D

Acq: 23 Jan 2024 10:55

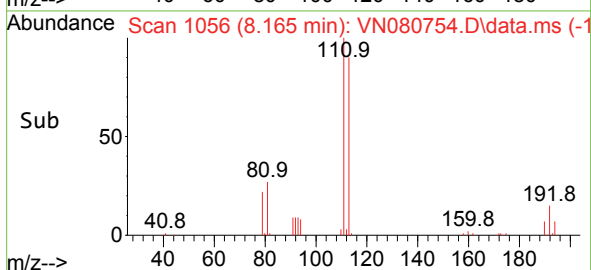
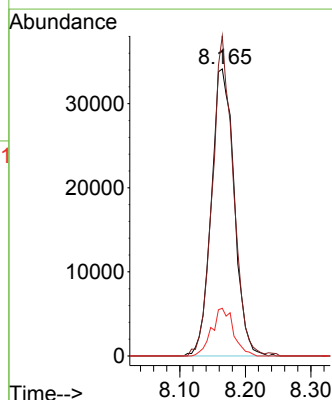
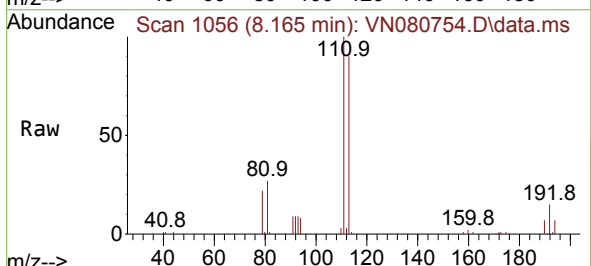
Tgt Ion:113 Resp: 82892

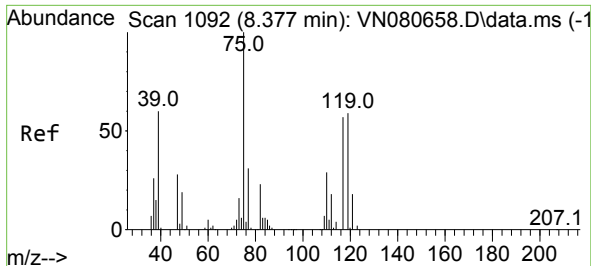
Ion Ratio Lower Upper

113 100

111 101.5 82.6 123.8

192 15.8 12.7 19.1

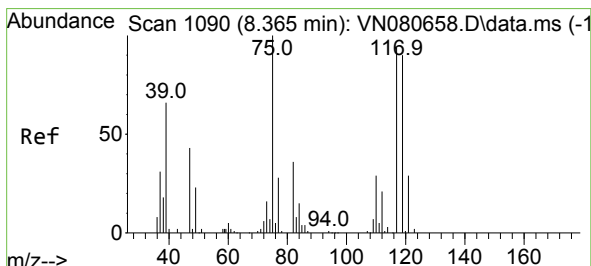
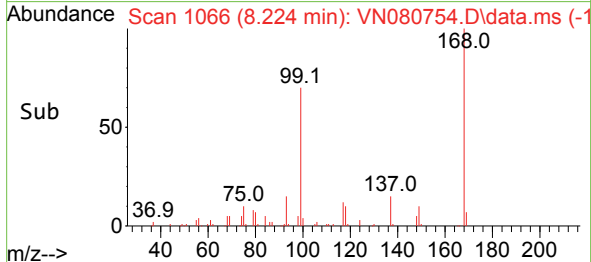
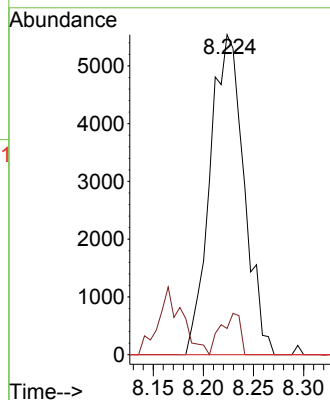
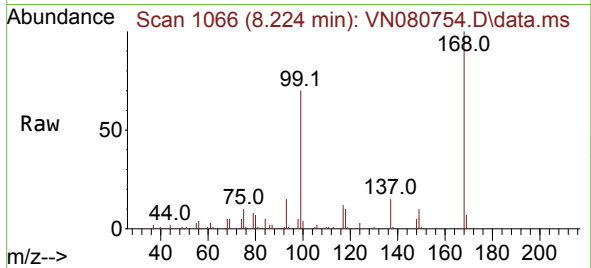




#36
1,1-Dichloropropene
Concen: 3.801 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN080754.D
Acq: 23 Jan 2024 10:55

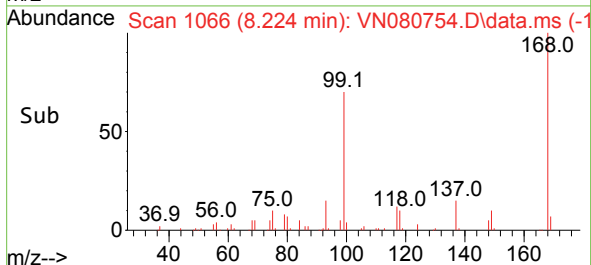
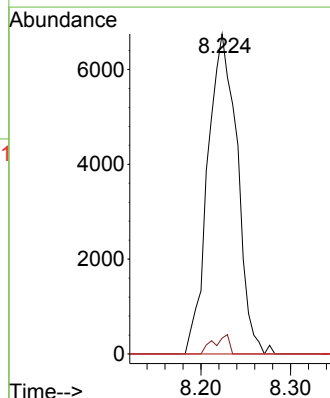
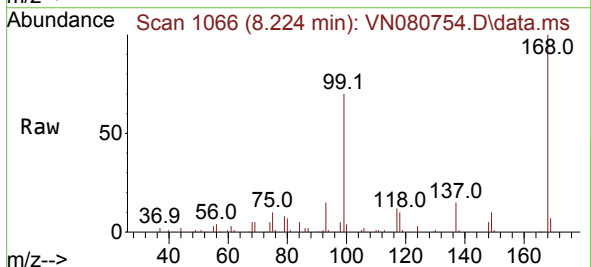
Instrument :
MSVOA_N
ClientSampleId :
VN0123WBL01

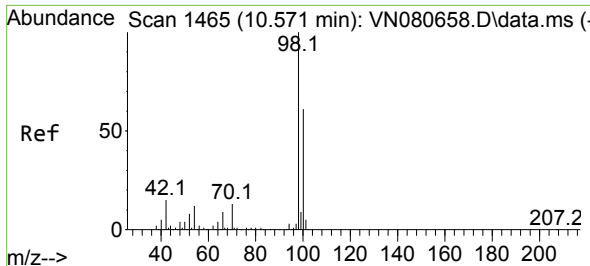
Tgt Ion: 75 Resp: 13074
Ion Ratio Lower Upper
75 100
110 7.4 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 4.983 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN080754.D
Acq: 23 Jan 2024 10:55

Tgt Ion: 117 Resp: 15390
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 23.3 34.9#

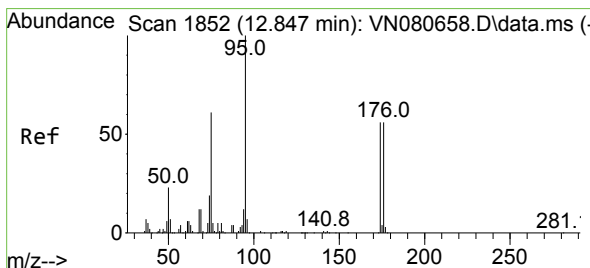
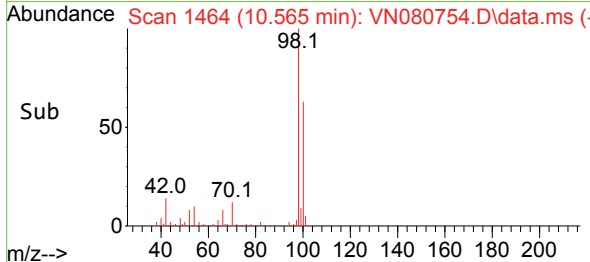
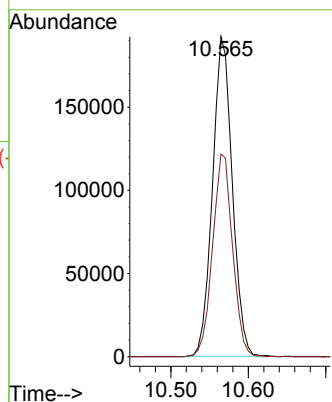
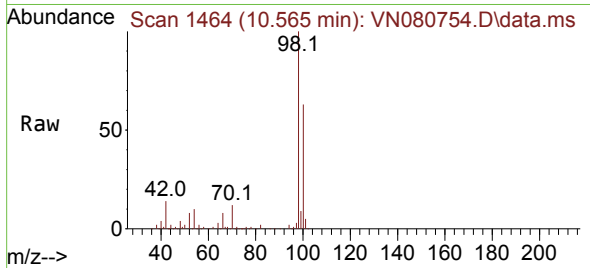




#50
Toluene-d8
Concen: 53.344 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080754.D
Acq: 23 Jan 2024 10:55

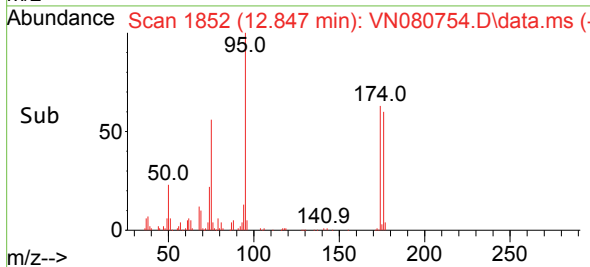
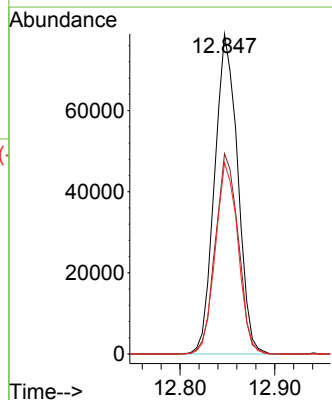
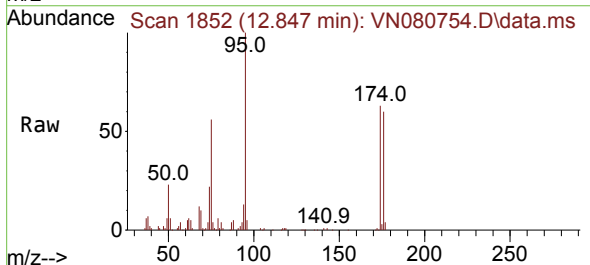
Instrument :
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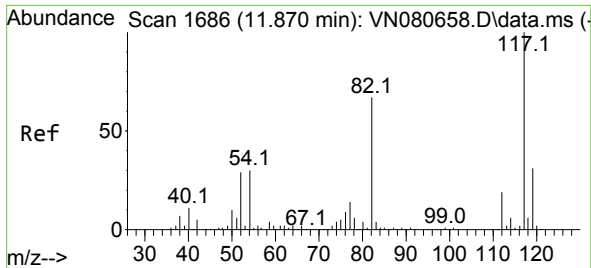
Tgt Ion: 98 Resp: 341575
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 54.478 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080754.D
Acq: 23 Jan 2024 10:55

Tgt Ion: 95 Resp: 133770
Ion Ratio Lower Upper
95 100
174 62.1 0.0 143.8
176 59.0 0.0 135.8

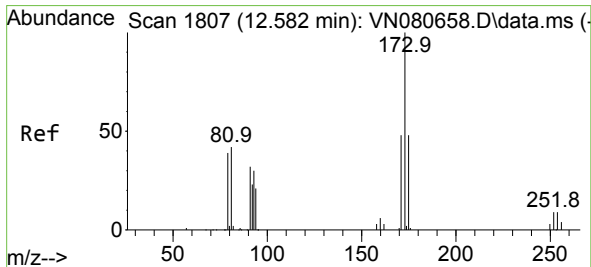
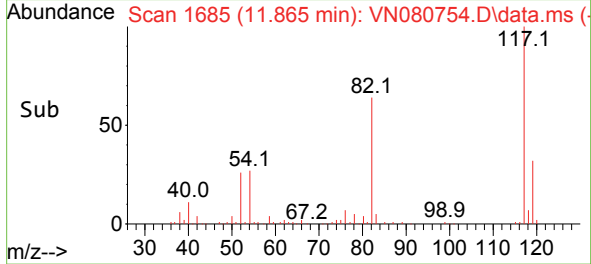
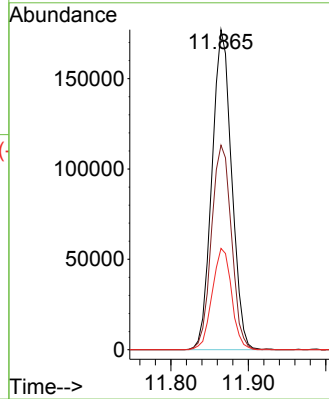
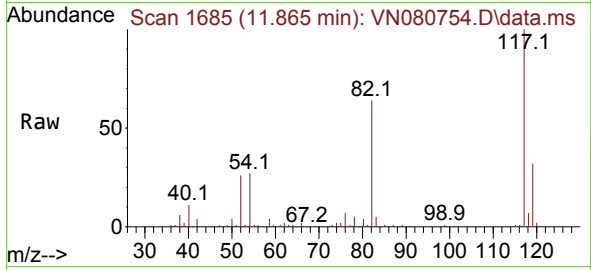




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN080754.D
Acq: 23 Jan 2024 10:55

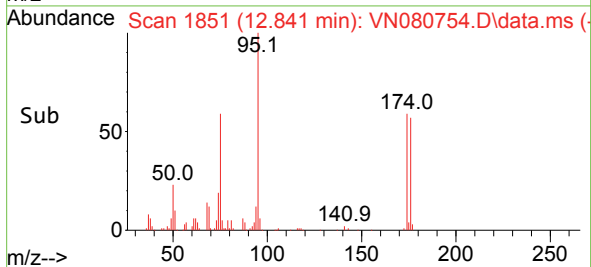
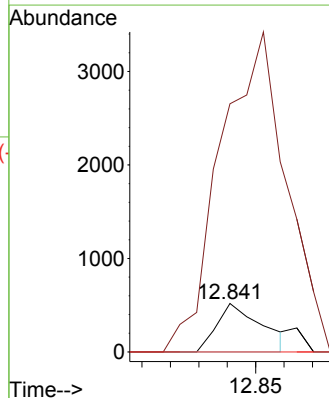
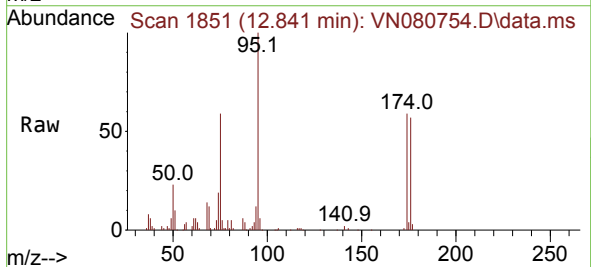
Instrument :
MSVOA_N
ClientSampleId :
VN0123WBL01

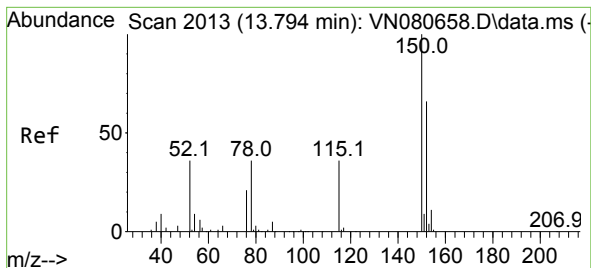
Tgt Ion:117 Resp: 312699
Ion Ratio Lower Upper
117 100
82 63.9 44.0 66.0
119 31.6 25.6 38.4



#71
Bromoform
Concen: 0.342 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.259 min
Lab File: VN080754.D
Acq: 23 Jan 2024 10:55

Tgt Ion:173 Resp: 571
Ion Ratio Lower Upper
173 100
175 836.6 24.3 73.0#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN080754.D

Acq: 23 Jan 2024 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0123WBL01

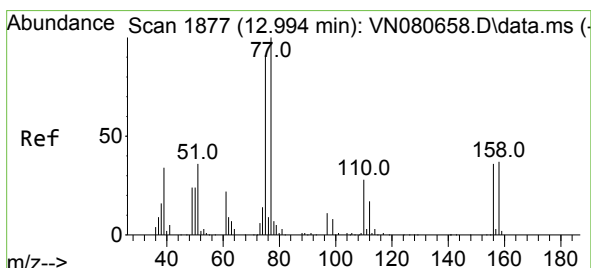
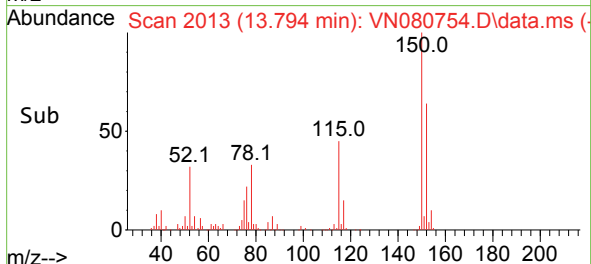
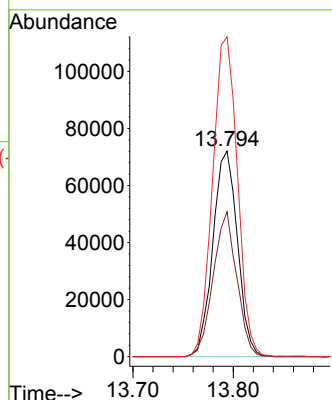
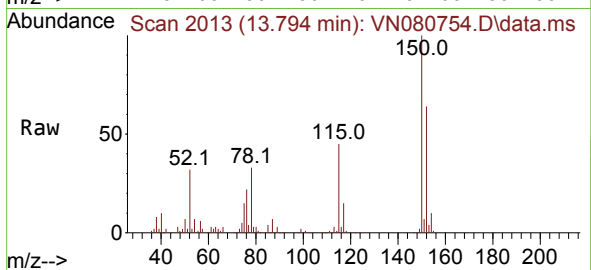
Tgt Ion:152 Resp: 122356

Ion Ratio Lower Upper

152 100

115 67.7 32.3 96.8

150 157.5 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 20.234 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN080754.D

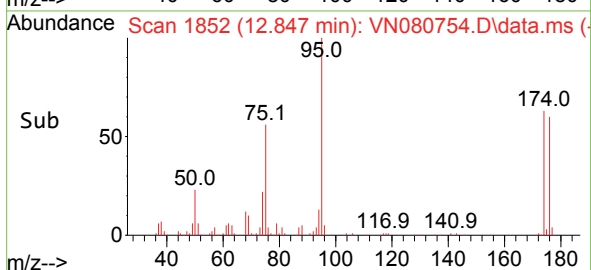
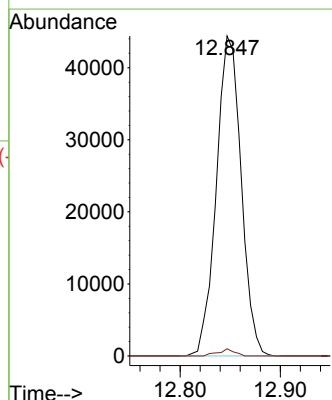
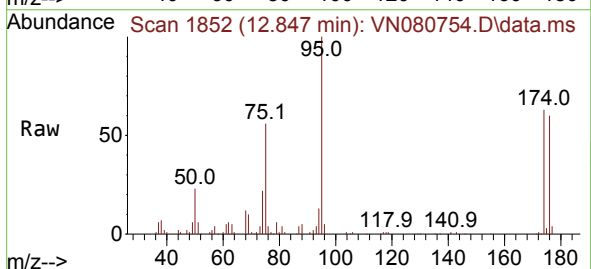
Acq: 23 Jan 2024 10:55

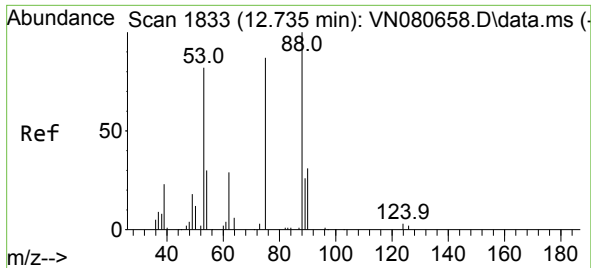
Tgt Ion: 75 Resp: 76341

Ion Ratio Lower Upper

75 100

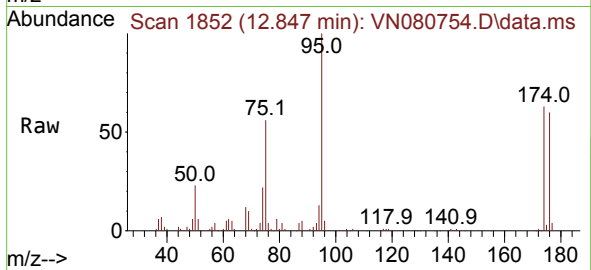
77 1.5 84.5 253.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 47.699 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN080754.D
Acq: 23 Jan 2024 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0123WBL01



Tgt Ion: 75 Resp: 76341
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.1 38.8 58.2#

