

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011224\
 Data File : VN080700.D
 Acq On : 12 Jan 2024 19:17
 Operator : JC\MD
 Sample : P1111-06
 Misc : 2.75g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 12 22:18:54 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)

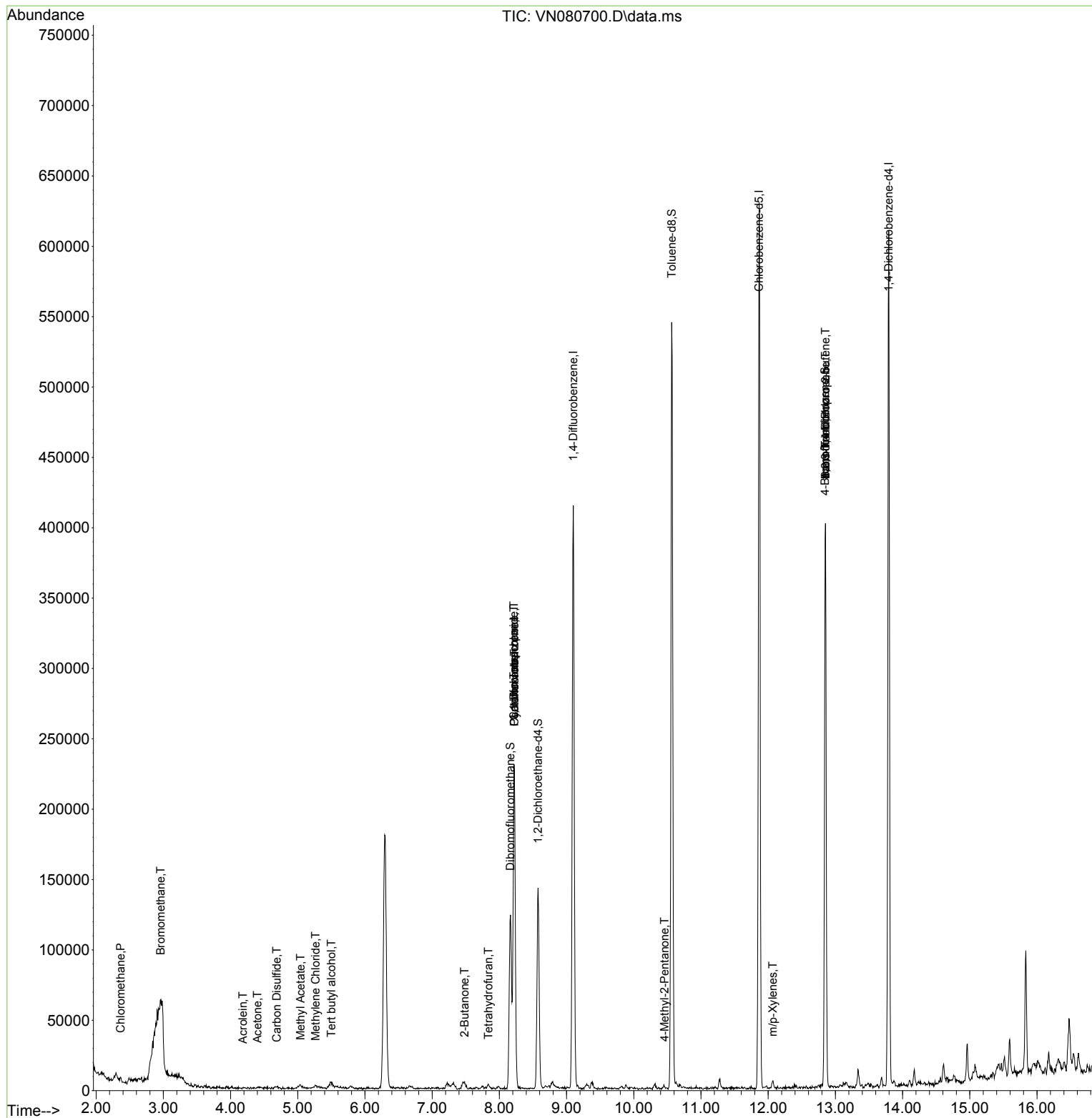
Internal Standards						
1) Pentafluorobenzene	8.224	168	151789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	333622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	330184	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	139217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110339	41.394	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.780%
35) Dibromofluoromethane	8.165	113	89981	47.469	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.940%
50) Toluene-d8	10.565	98	369554	51.129	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.260%
62) 4-Bromofluorobenzene	12.847	95	144963	52.301	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.600%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	2819	0.360	ug/l	95
5) Bromomethane	2.959	94	497	0.584	ug/l	# 57
6) Chloroethane	3.054	64	142	Below Cal		89
11) Tert butyl alcohol	5.500	59	4828	10.710	ug/l	# 72
13) Acrolein	4.183	56	127	0.337	ug/l	# 1
16) Acetone	4.400	43	642	0.734	ug/l	# 40
17) Carbon Disulfide	4.689	76	3396	0.490	ug/l	# 75
18) Methyl Acetate	5.042	43	6419	2.463	ug/l	# 63
20) Methylene Chloride	5.265	84	689	0.270	ug/l	# 60
25) 2-Butanone	7.483	43	2927	1.850	ug/l	# 37
29) Tetrahydrofuran	7.836	42	973	0.913	ug/l	# 46
31) Cyclohexane	8.224	56	6246	1.517	ug/l	# 46
36) 1,1-Dichloropropene	8.218	75	15987	4.117	ug/l	# 47
38) Carbon Tetrachloride	8.218	117	17778	5.099	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.459	43	2010	0.538	ug/l	# 56
68) m/p-Xylenes	12.071	106	1306	0.270	ug/l	# 56
71) Bromoform	12.853	173	677	0.384	ug/l	# 1
76) 1,2,3-Trichloropropane	12.853	75	80565	18.767	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.853	75	80565	44.242	ug/l	# 15
92) 1,2-Dibromo-3-Chloropr...	14.817	75	53	Below Cal		# 4

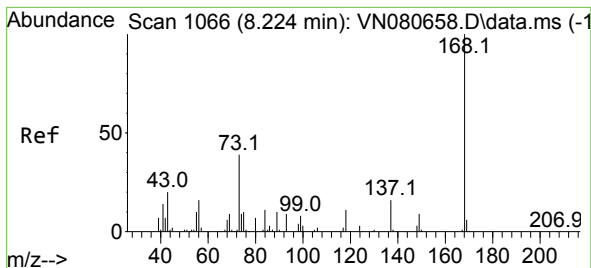
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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Quant Time: Jan 12 22:18:54 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: VN080700.D

Acq: 12 Jan 2024 19:17

Instrument :

MSVOA_N

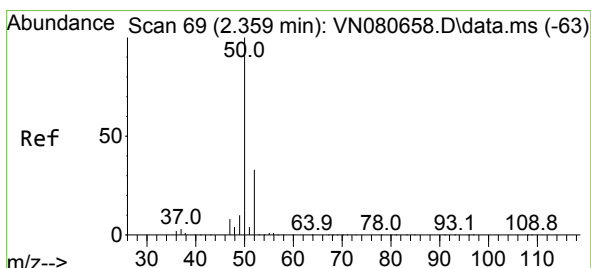
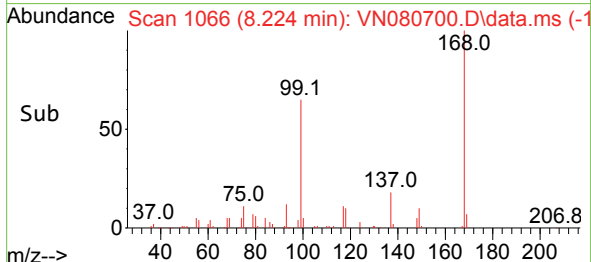
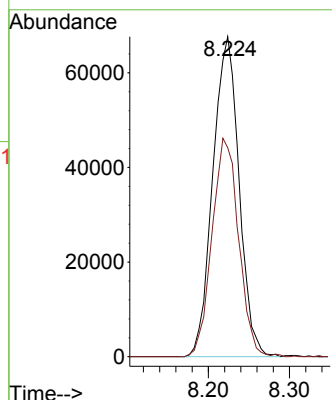
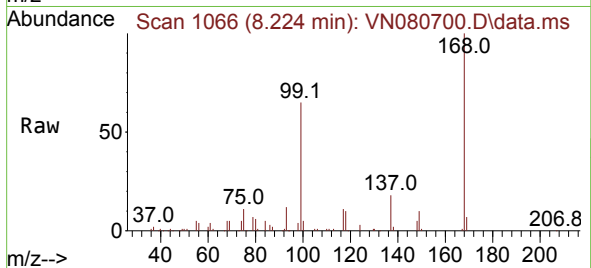
ClientSampleId :

Tgt Ion:168 Resp: 151789

Ion Ratio Lower Upper

168 100

99 65.3 53.0 79.6



#3

Chloromethane

Concen: 0.360 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN080700.D

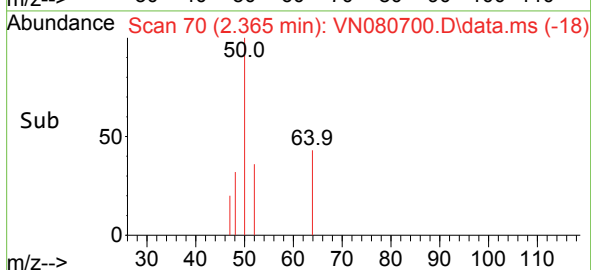
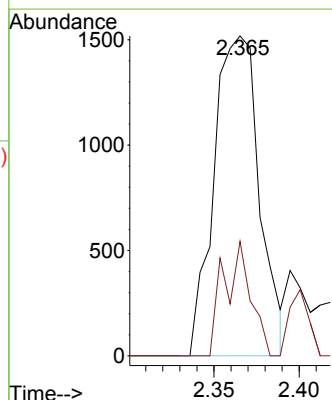
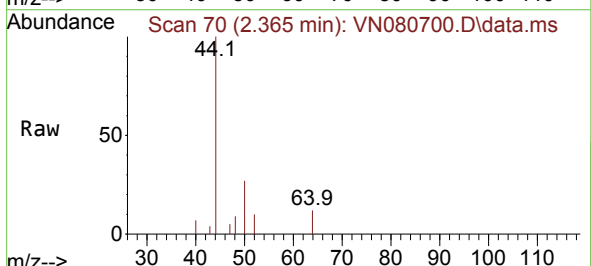
Acq: 12 Jan 2024 19:17

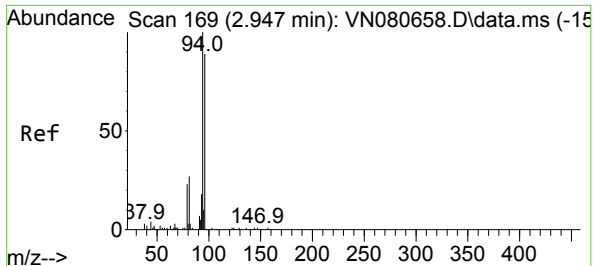
Tgt Ion: 50 Resp: 2819

Ion Ratio Lower Upper

50 100

52 35.8 26.5 39.7

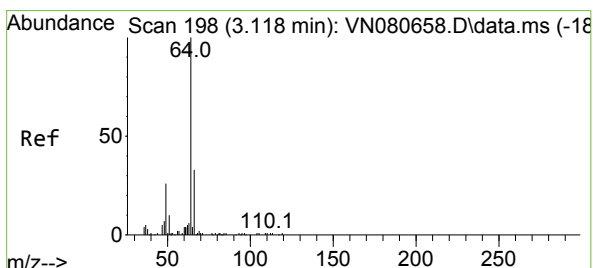
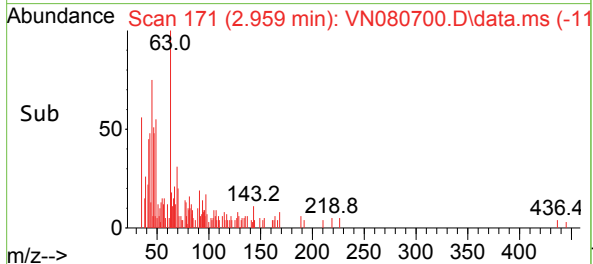
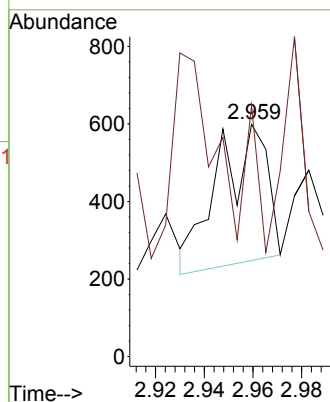
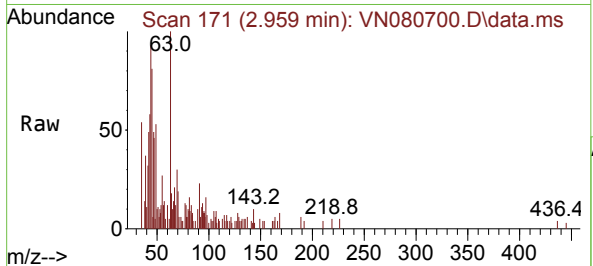




#5
Bromomethane
Concen: 0.584 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080700.D
Acq: 12 Jan 2024 19:17

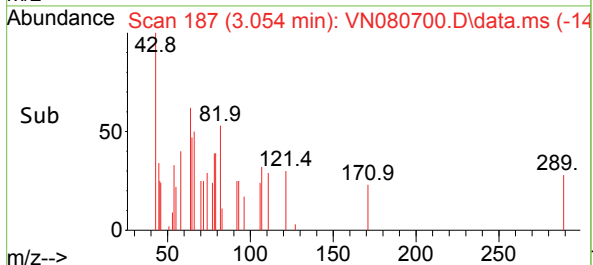
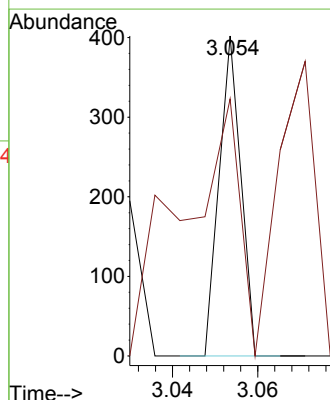
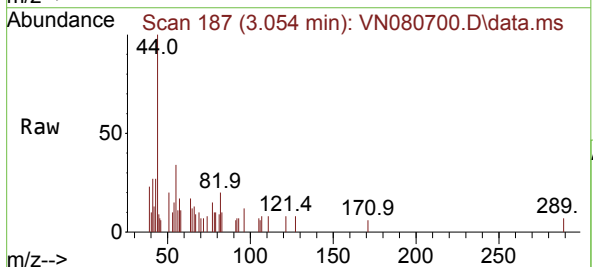
Instrument :
MSVOA_N
ClientSampleId :

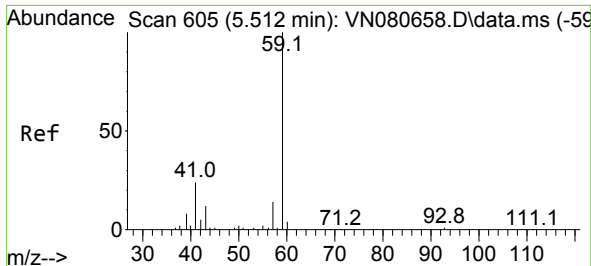
Tgt Ion: 94 Resp: 497
Ion Ratio Lower Upper
94 100
96 50.1 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.054 min Scan# 187
Delta R.T. -0.064 min
Lab File: VN080700.D
Acq: 12 Jan 2024 19:17

Tgt Ion: 64 Resp: 142
Ion Ratio Lower Upper
64 100
66 38.1 25.4 38.2

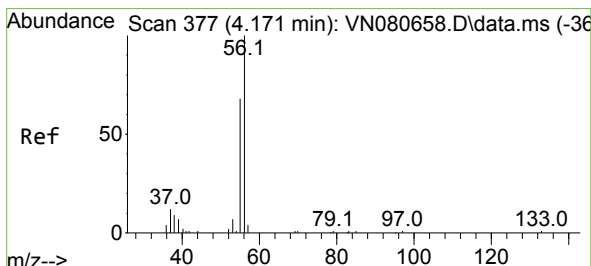
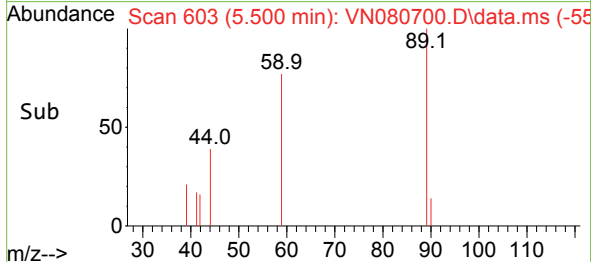
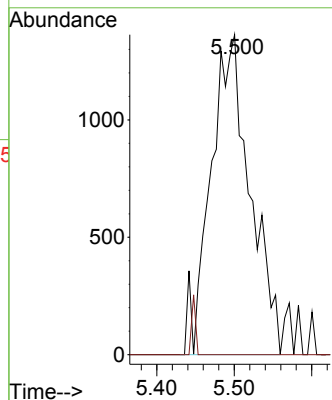
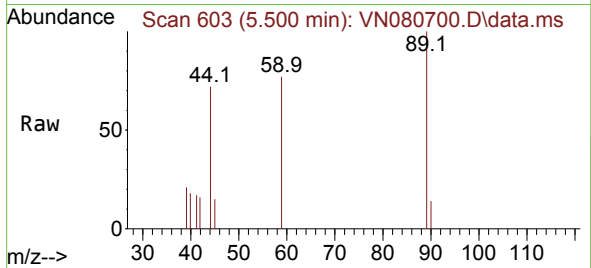




#11
Tert butyl alcohol
Concen: 10.710 ug/l
RT: 5.500 min Scan# 605
Delta R.T. -0.012 min
Lab File: VN080700.D
Acq: 12 Jan 2024 19:17

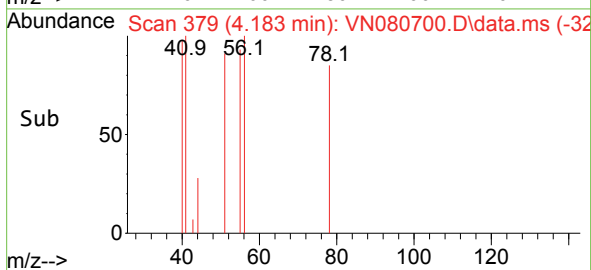
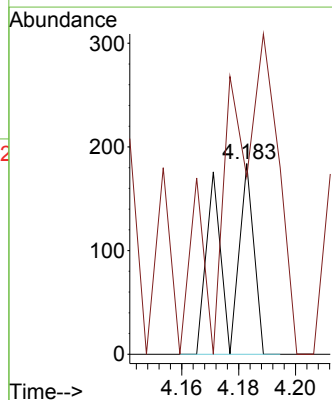
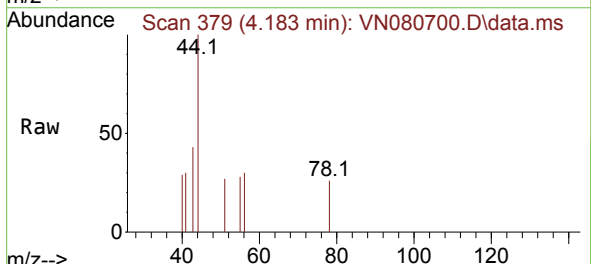
Instrument :
MSVOA_N
ClientSampleId :

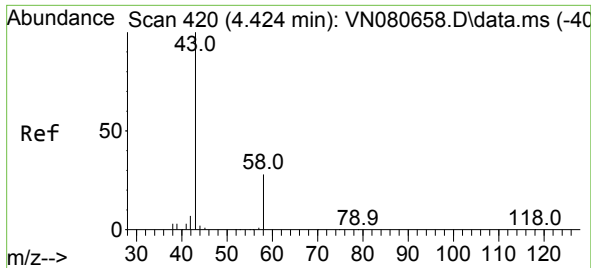
Tgt Ion: 59 Resp: 4828
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 0.337 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.012 min
Lab File: VN080700.D
Acq: 12 Jan 2024 19:17

Tgt Ion: 56 Resp: 127
Ion Ratio Lower Upper
56 100
55 304.7 54.5 81.7#





#16

Acetone

Concen: 0.734 ug/l

RT: 4.400 min Scan# 416

Delta R.T. -0.023 min

Lab File: VN080700.D

Acq: 12 Jan 2024 19:17

Instrument :

MSVOA_N

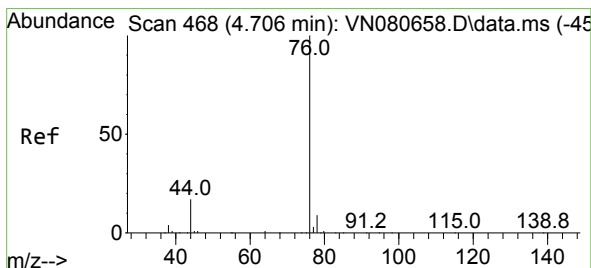
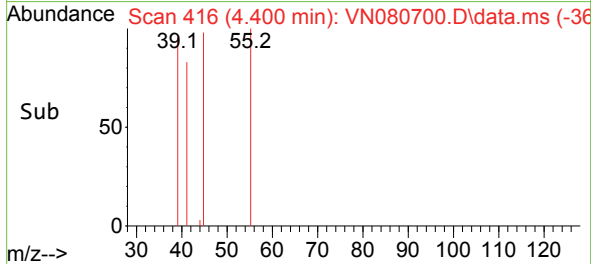
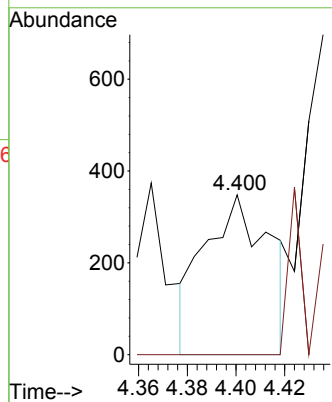
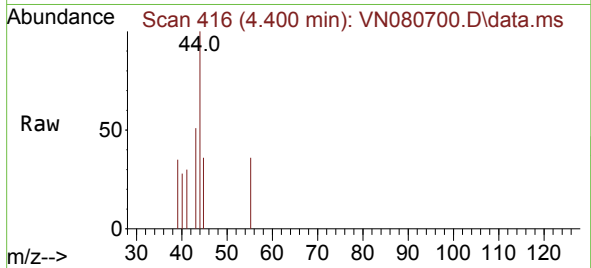
ClientSampleId :

Tgt Ion: 43 Resp: 642

Ion Ratio Lower Upper

43 100

58 0.0 28.0 42.0#



#17

Carbon Disulfide

Concen: 0.490 ug/l

RT: 4.689 min Scan# 465

Delta R.T. -0.018 min

Lab File: VN080700.D

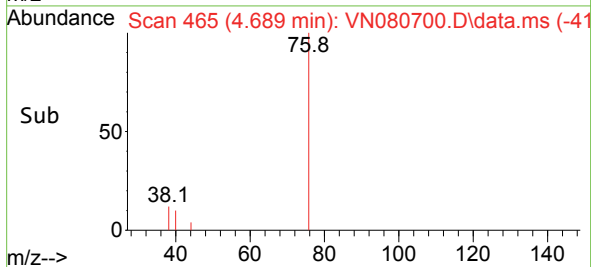
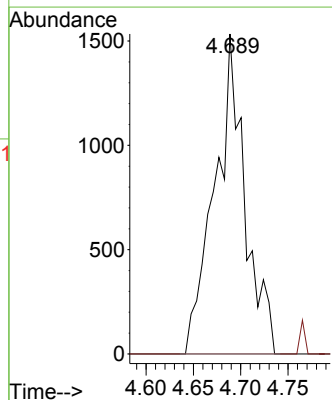
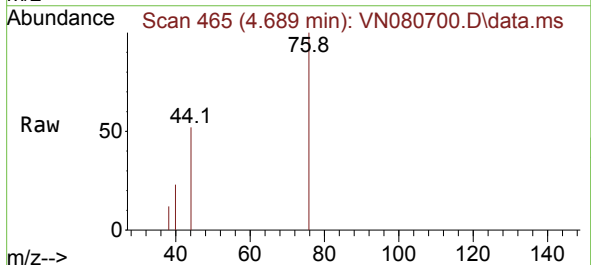
Acq: 12 Jan 2024 19:17

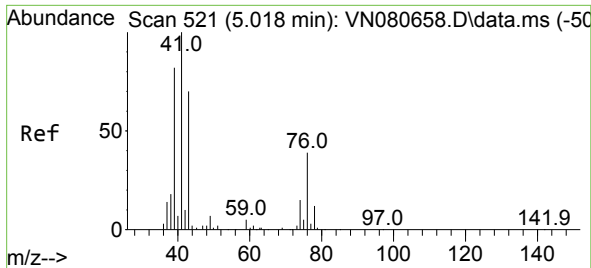
Tgt Ion: 76 Resp: 3396

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#

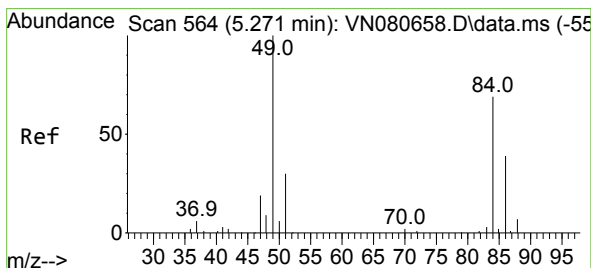
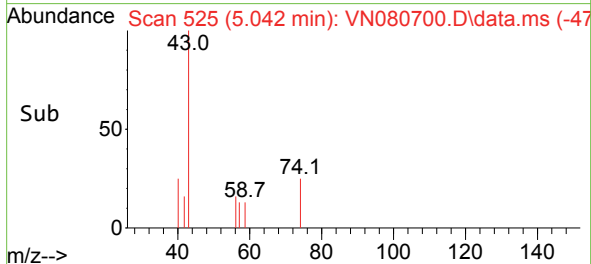
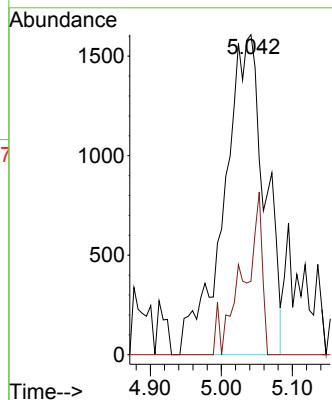
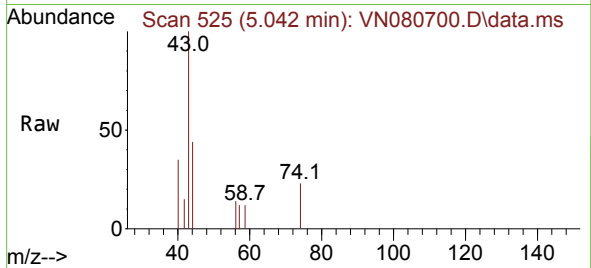




#18
Methyl Acetate
Concen: 2.463 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.024 min
Lab File: VN080700.D
Acq: 12 Jan 2024 19:17

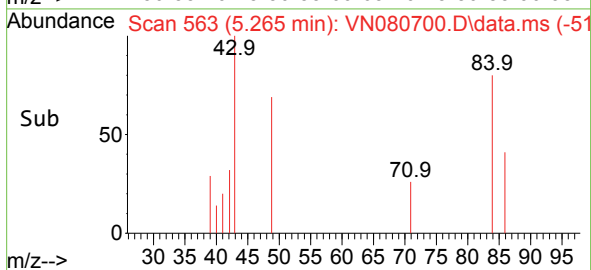
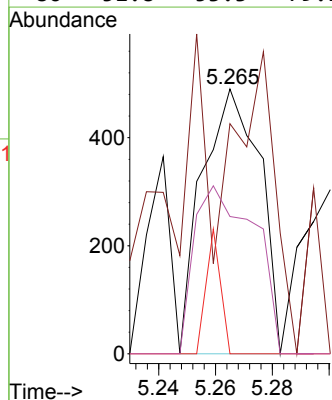
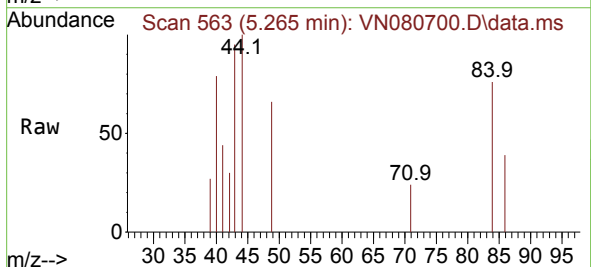
Instrument :
MSVOA_N
ClientSampleId :

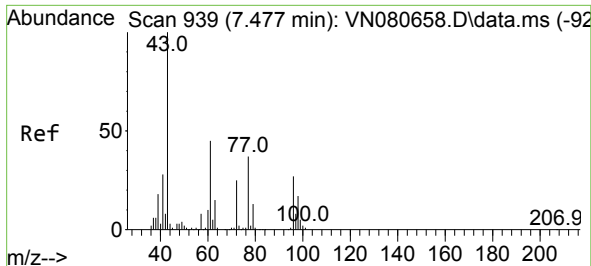
Tgt Ion: 43 Resp: 6419
Ion Ratio Lower Upper
43 100
74 11.8 26.2 39.4#



#20
Methylene Chloride
Concen: 0.270 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN080700.D
Acq: 12 Jan 2024 19:17

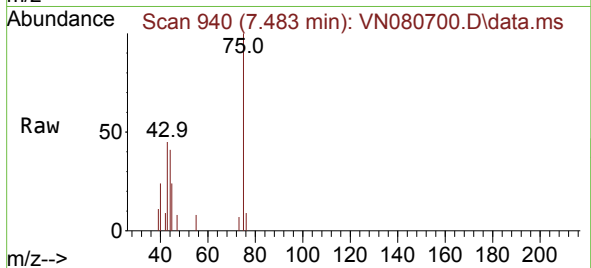
Tgt Ion: 84 Resp: 689
Ion Ratio Lower Upper
84 100
49 49.8 79.7 119.5#
51 0.0 25.2 37.8#
86 51.8 53.3 79.9#



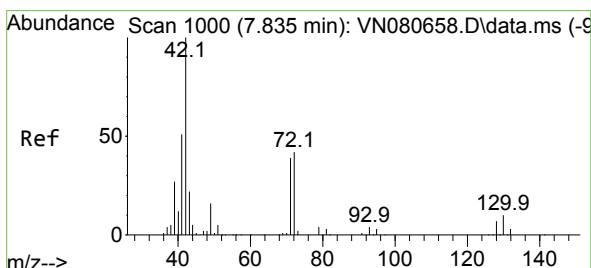
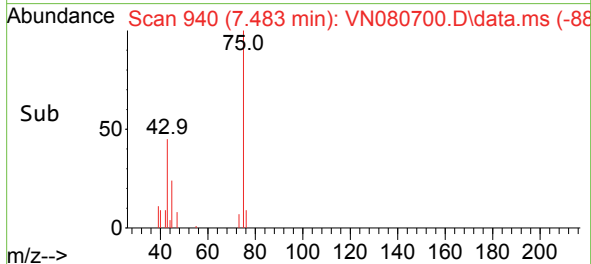
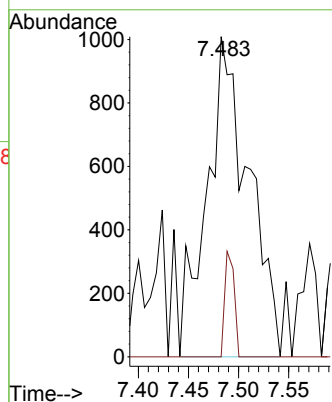


#25
2-Butanone
Concen: 1.850 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN080700.D
Acq: 12 Jan 2024 19:17

Instrument :
MSVOA_N
ClientSampleId :

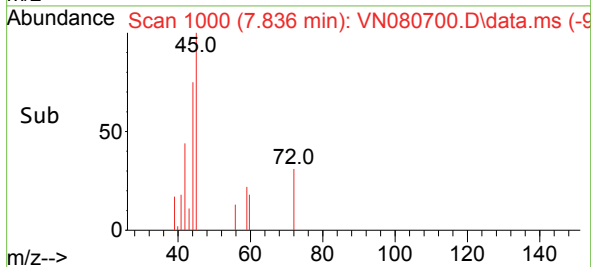
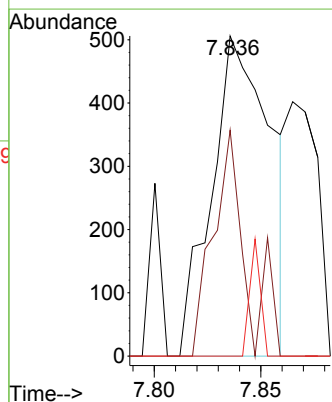
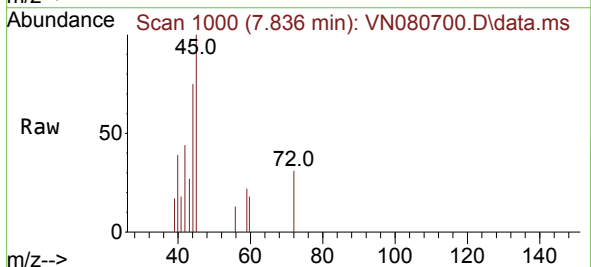


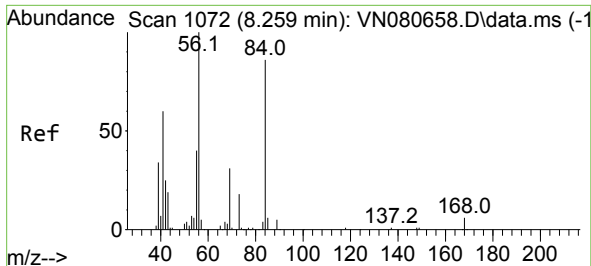
Tgt Ion: 43 Resp: 2927
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



#29
Tetrahydrofuran
Concen: 0.913 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN080700.D
Acq: 12 Jan 2024 19:17

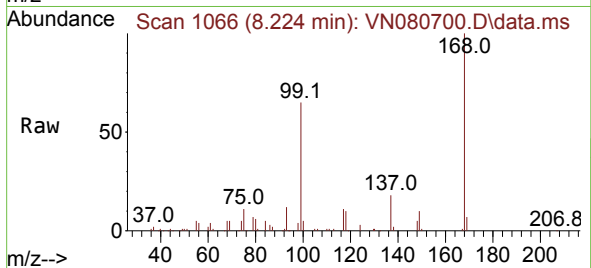
Tgt Ion: 42 Resp: 973
Ion Ratio Lower Upper
42 100
72 32.2 49.8 74.6#
71 6.7 47.4 71.2#



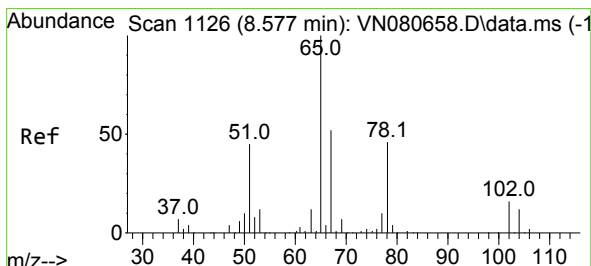
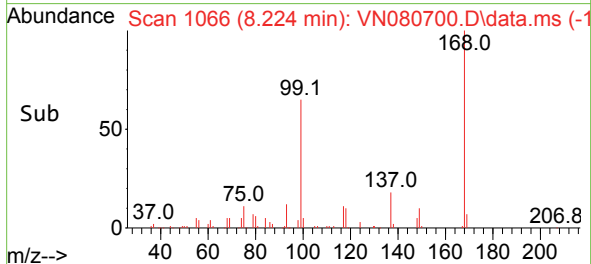
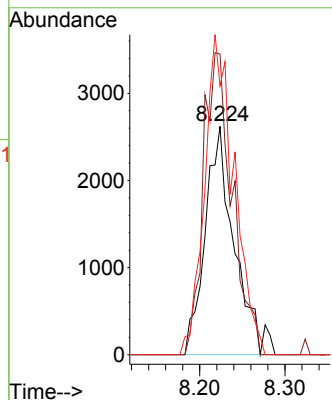


#31
Cyclohexane
Concen: 1.517 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080700.D
Acq: 12 Jan 2024 19:17

Instrument :
MSVOA_N
ClientSampleId :

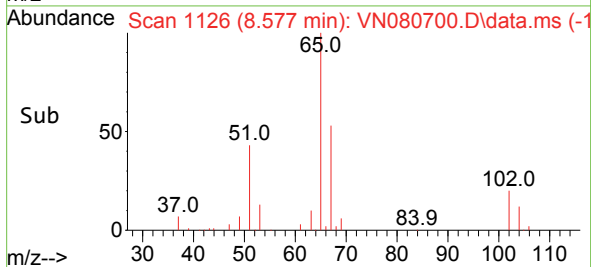
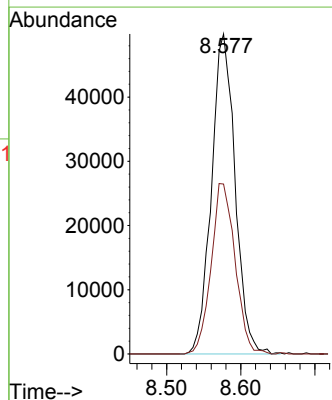
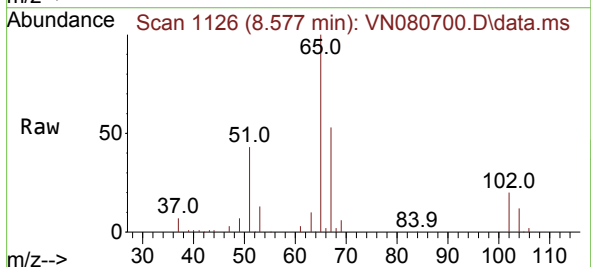


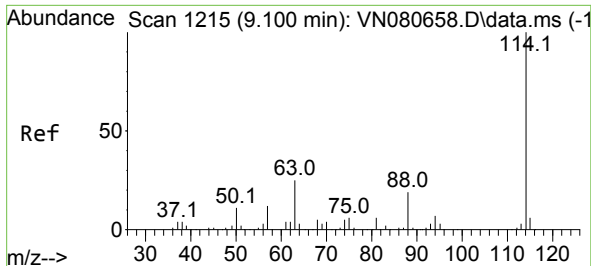
Tgt Ion: 56 Resp: 6246
Ion Ratio Lower Upper
56 100
69 131.6 26.8 40.2#
84 117.7 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 41.394 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080700.D
Acq: 12 Jan 2024 19:17

Tgt Ion: 65 Resp: 110339
Ion Ratio Lower Upper
65 100
67 53.9 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: VN080700.D

Acq: 12 Jan 2024 19:17

Instrument :

MSVOA_N

ClientSampleId :

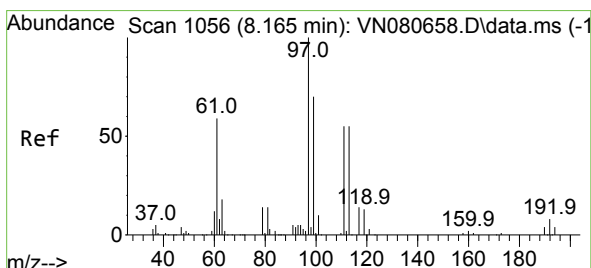
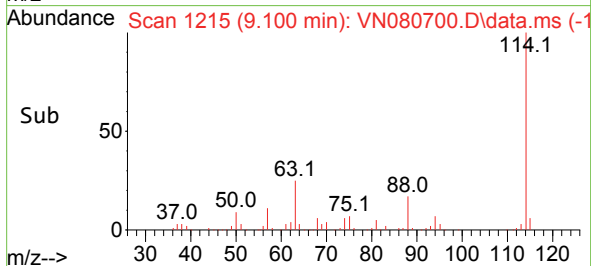
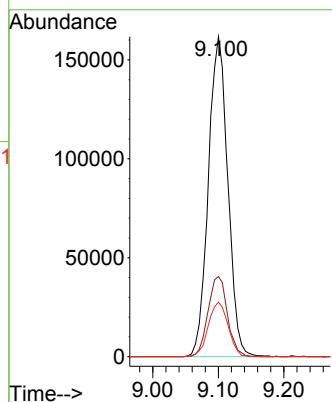
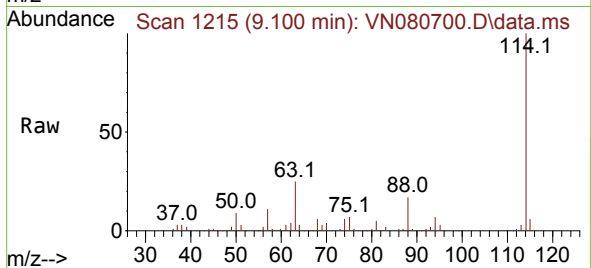
Tgt Ion:114 Resp: 333622

Ion Ratio Lower Upper

114 100

63 25.1 0.0 36.4

88 17.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.469 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080700.D

Acq: 12 Jan 2024 19:17

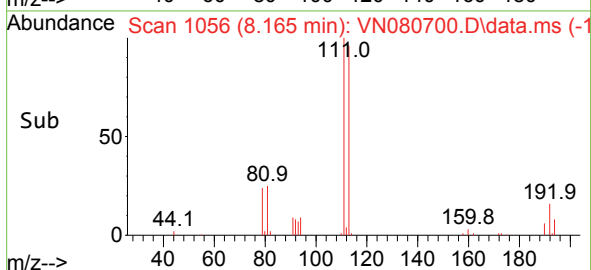
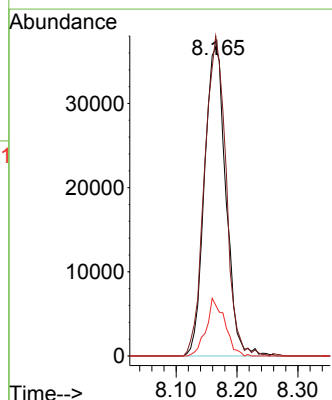
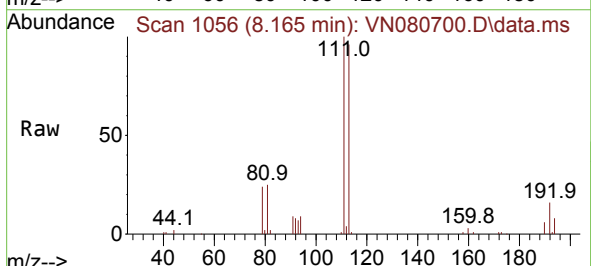
Tgt Ion:113 Resp: 89981

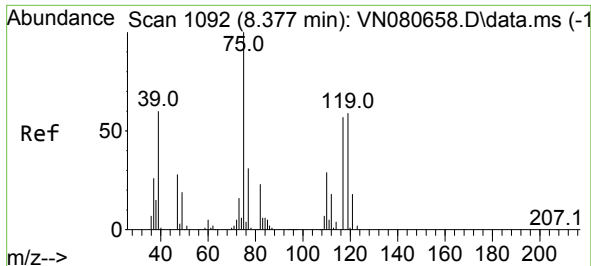
Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

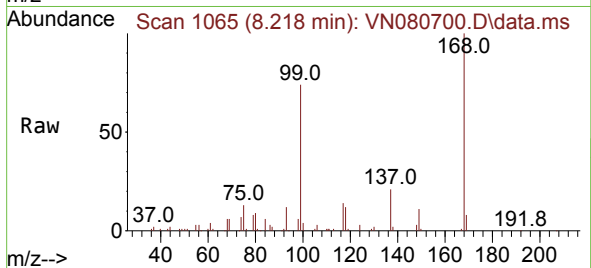
192 16.1 12.7 19.1



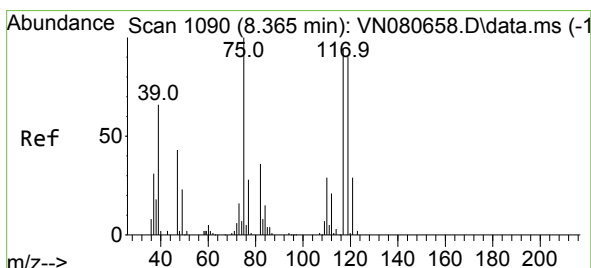
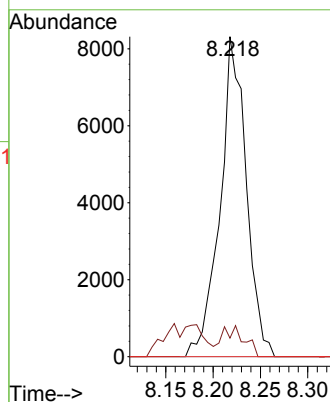
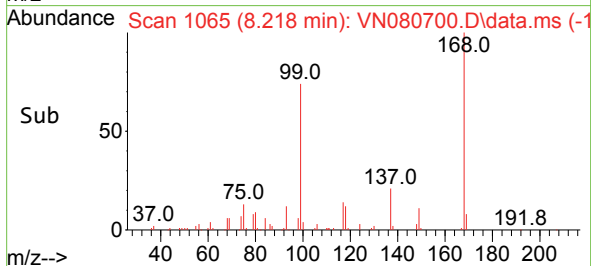


#36
1,1-Dichloropropene
Concen: 4.117 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.159 min
Lab File: VN080700.D
Acq: 12 Jan 2024 19:17

Instrument :
MSVOA_N
ClientSampleId :

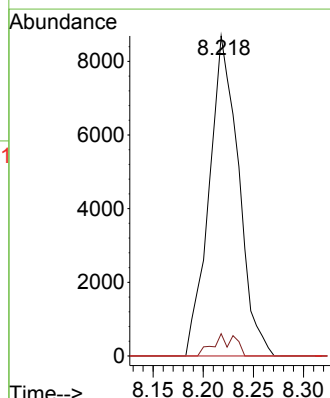
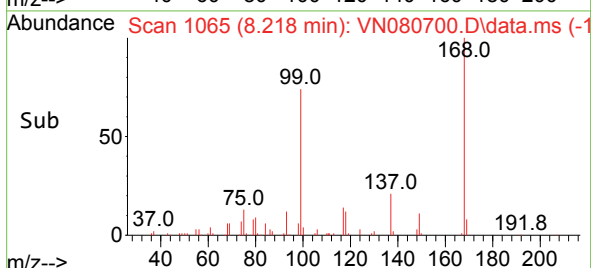
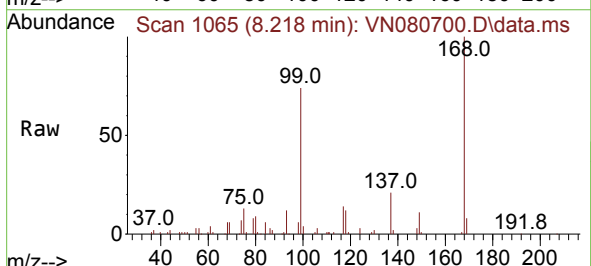


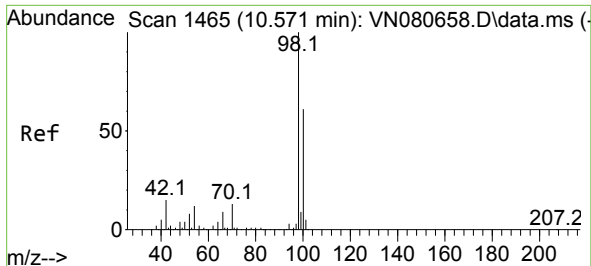
Tgt Ion: 75 Resp: 15987
Ion Ratio Lower Upper
75 100
110 8.0 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.099 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN080700.D
Acq: 12 Jan 2024 19:17

Tgt Ion: 117 Resp: 17778
Ion Ratio Lower Upper
117 100
119 7.0 77.3 115.9#
121 0.0 23.3 34.9#

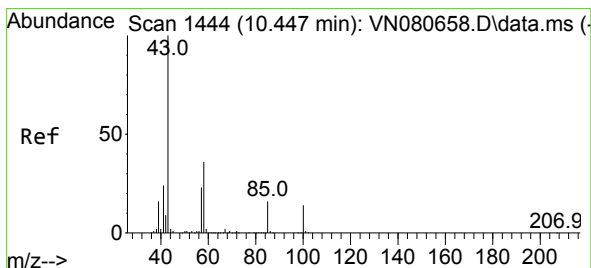
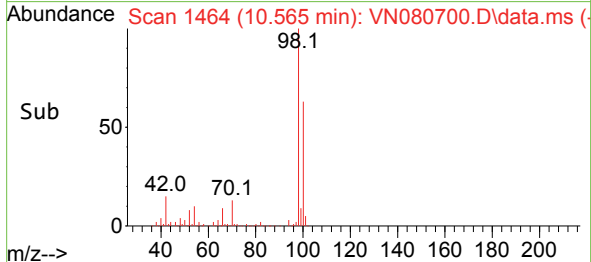
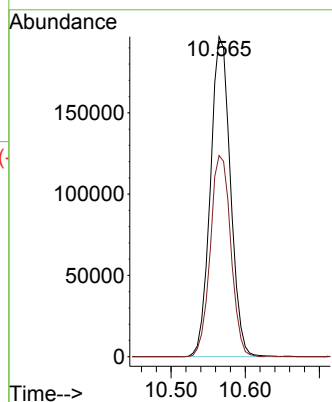
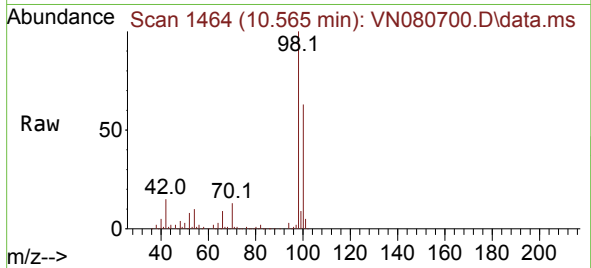




#50
Toluene-d8
Concen: 51.129 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080700.D
Acq: 12 Jan 2024 19:17

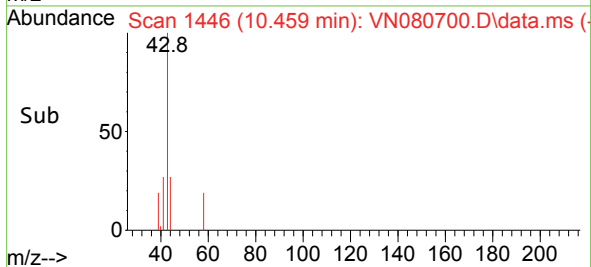
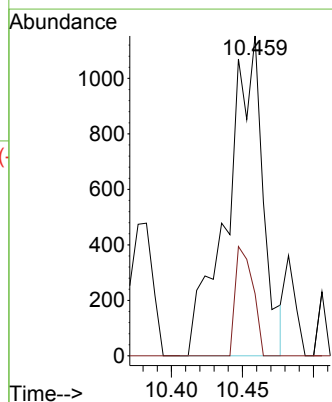
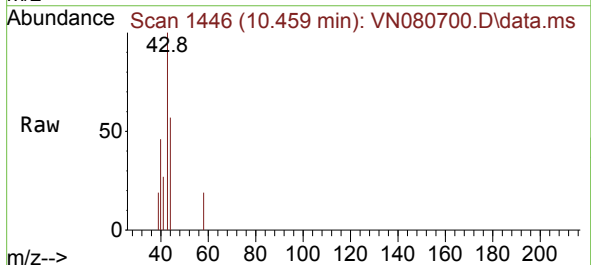
Instrument :
MSVOA_N
ClientSampleId :

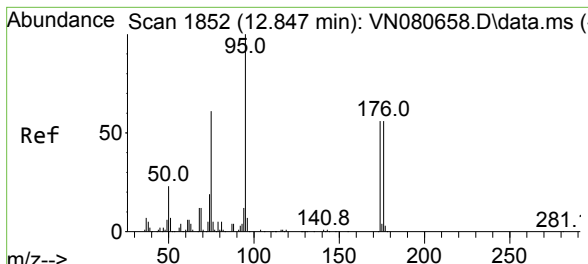
Tgt Ion: 98 Resp: 369554
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.538 ug/l
RT: 10.459 min Scan# 1446
Delta R.T. 0.012 min
Lab File: VN080700.D
Acq: 12 Jan 2024 19:17

Tgt Ion: 43 Resp: 2010
Ion Ratio Lower Upper
43 100
58 17.0 36.6 54.8#

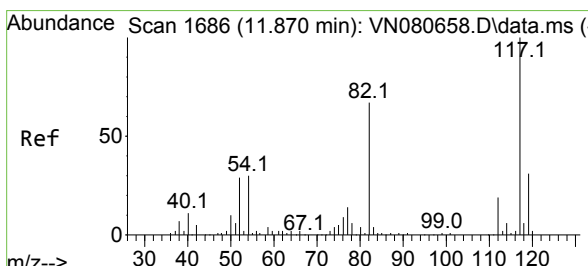
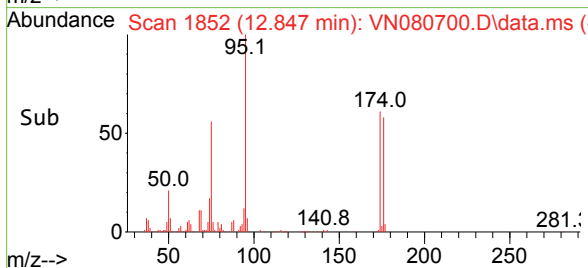
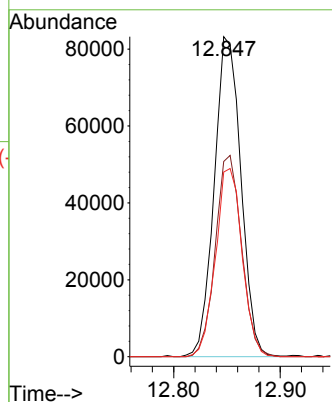
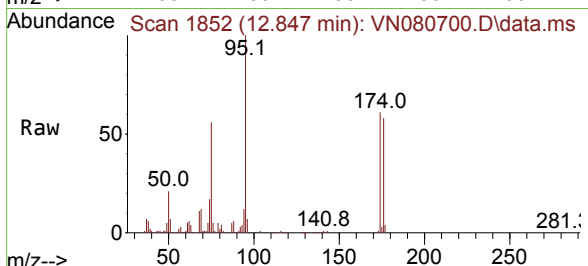




#62
 4-Bromofluorobenzene
 Concen: 52.301 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: VN080700.D
 Acq: 12 Jan 2024 19:17

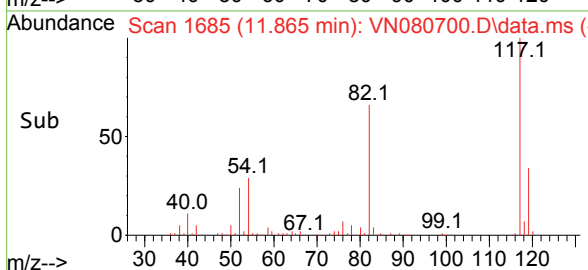
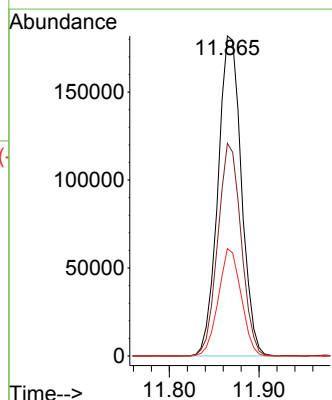
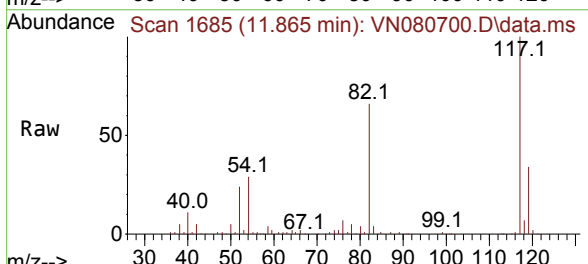
Instrument :
 MSVOA_N
 ClientSampleId :

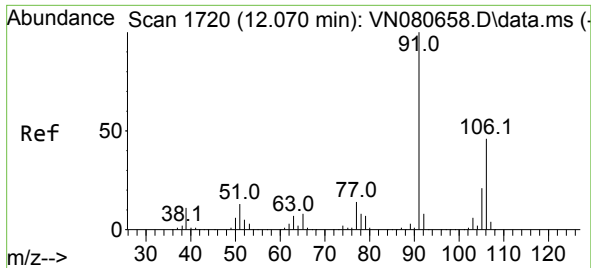
Tgt Ion:	95	Resp:	144963
Ion Ratio	Lower	Upper	
95	100		
174	61.6	0.0	143.8
176	58.6	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.006 min
 Lab File: VN080700.D
 Acq: 12 Jan 2024 19:17

Tgt Ion:	117	Resp:	330184
Ion Ratio	Lower	Upper	
117	100		
82	66.4	44.0	66.0#
119	33.5	25.6	38.4

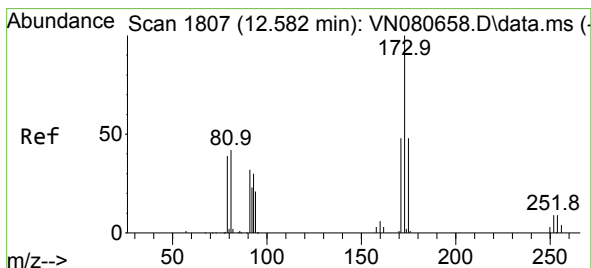
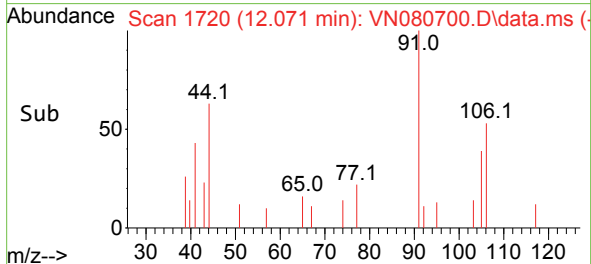
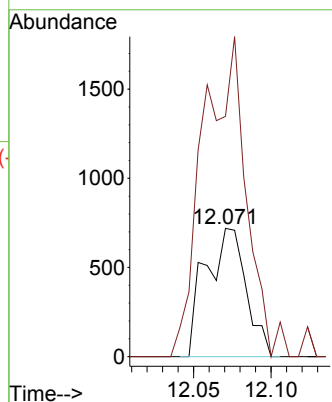
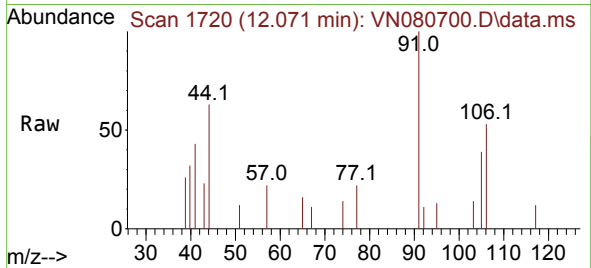




#68
m/p-Xylenes
Concen: 0.270 ug/l
RT: 12.071 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080700.D
Acq: 12 Jan 2024 19:17

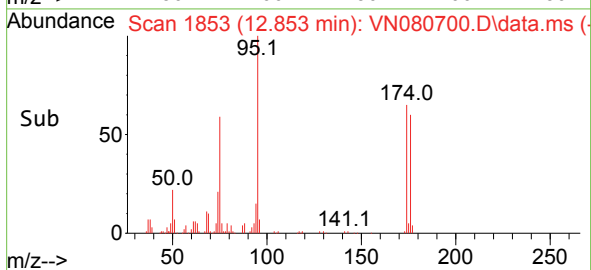
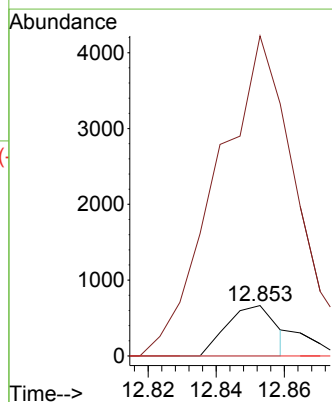
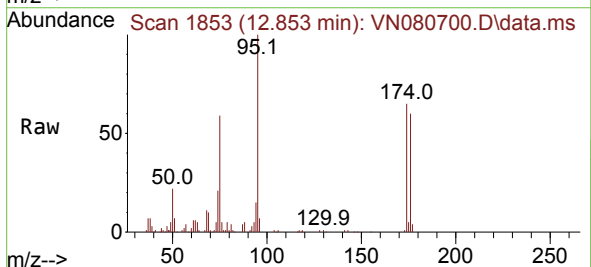
Instrument :
MSVOA_N
ClientSampleId :

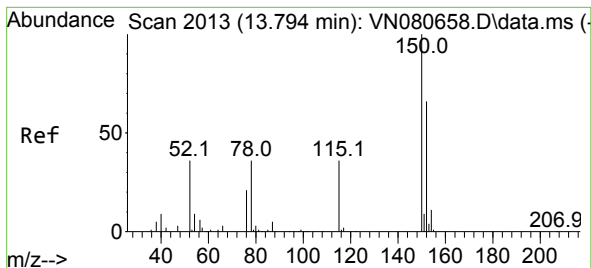
Tgt Ion:106 Resp: 1306
Ion Ratio Lower Upper
106 100
91 266.0 159.6 239.4#



#71
Bromoform
Concen: 0.384 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN080700.D
Acq: 12 Jan 2024 19:17

Tgt Ion:173 Resp: 677
Ion Ratio Lower Upper
173 100
175 824.5 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: VN080700.D

Acq: 12 Jan 2024 19:17

Instrument :

MSVOA_N

ClientSampleId :

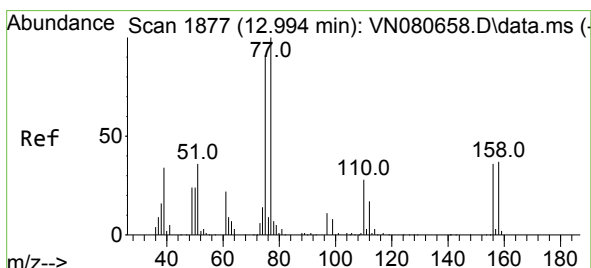
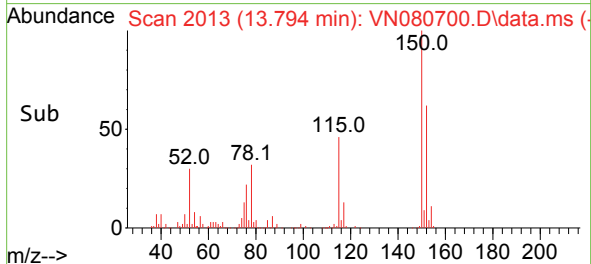
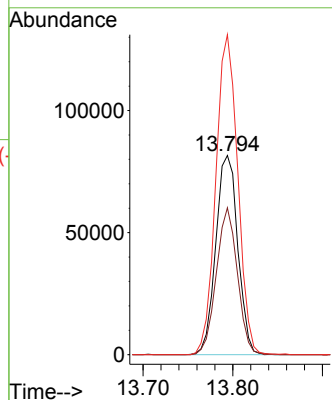
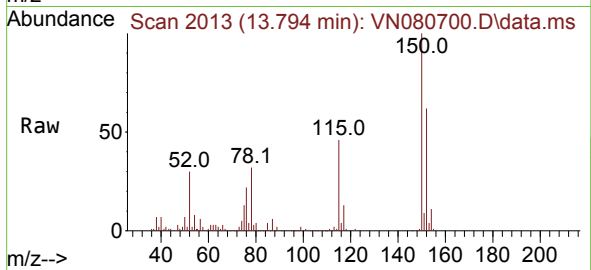
Tgt Ion:152 Resp: 139217

Ion Ratio Lower Upper

152 100

115 70.4 32.3 96.8

150 159.3 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 18.767 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080700.D

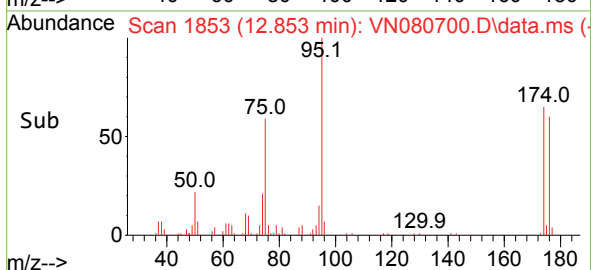
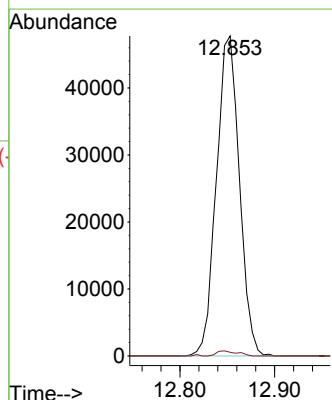
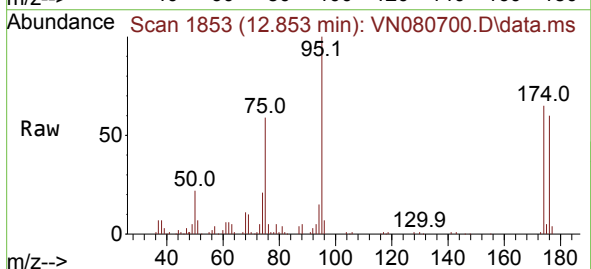
Acq: 12 Jan 2024 19:17

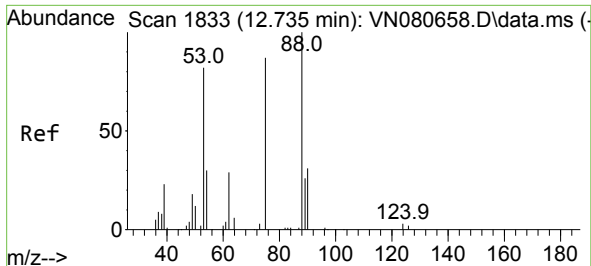
Tgt Ion: 75 Resp: 80565

Ion Ratio Lower Upper

75 100

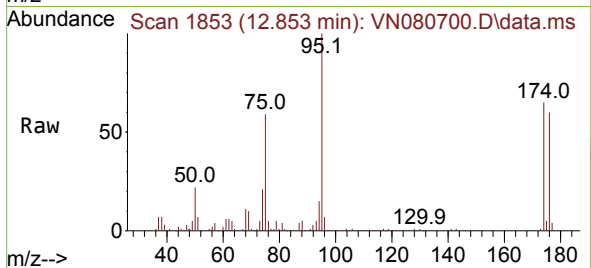
77 1.4 84.5 253.5#



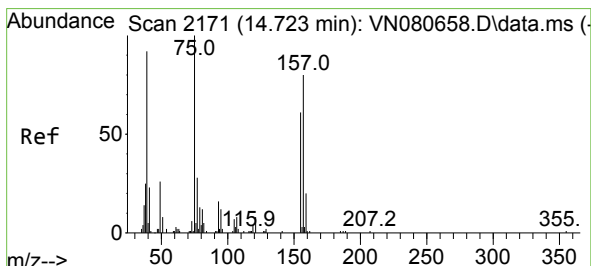
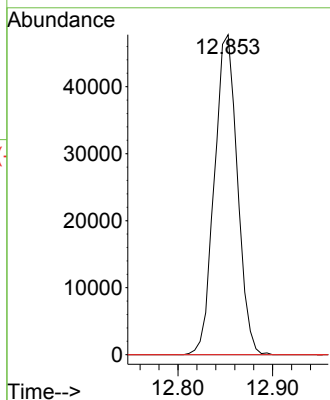
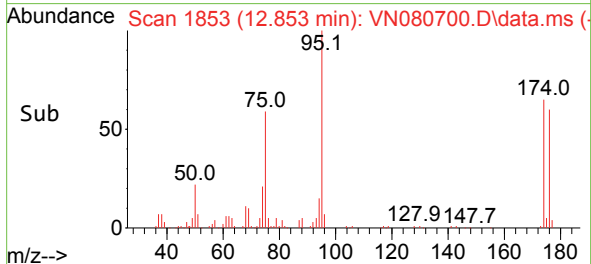


#81
trans-1,4-Dichloro-2-butene
Concen: 44.242 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN080700.D
Acq: 12 Jan 2024 19:17

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 80565
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.817 min Scan# 2187
Delta R.T. 0.094 min
Lab File: VN080700.D
Acq: 12 Jan 2024 19:17

Tgt Ion: 75 Resp: 53
Ion Ratio Lower Upper
75 100
155 0.0 39.1 117.2#
157 0.0 50.3 150.9#

