

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041824\
 Data File : VN081778.D
 Acq On : 18 Apr 2024 11:19
 Operator : JC\MD
 Sample : VN0418WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 19 01:19:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

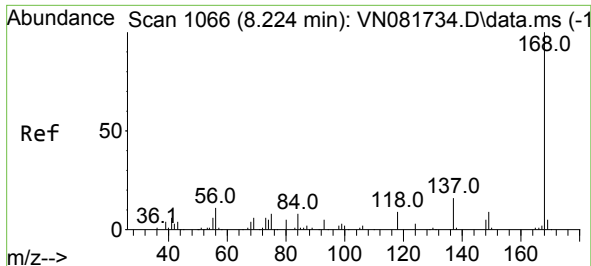
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	191033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	337160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	316874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122586	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	146079	54.342	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.680%	
35) Dibromofluoromethane	8.165	113	115776	52.001	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.000%	
50) Toluene-d8	10.565	98	424991	51.815	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.640%	
62) 4-Bromofluorobenzene	12.853	95	128044	45.683	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 91.360%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	833	Below Cal		98
5) Bromomethane	2.977	94	1611	0.901 ug/l		82
6) Chloroethane	3.118	64	154	Below Cal	#	28
17) Carbon Disulfide	4.718	76	1356	0.206 ug/l	#	74
20) Methylene Chloride	5.265	84	56	Below Cal	#	60
31) Cyclohexane	8.224	56	5318	1.442 ug/l	#	43
36) 1,1-Dichloropropene	8.230	75	17744	5.720 ug/l	#	47
38) Carbon Tetrachloride	8.230	117	22036	6.106 ug/l	#	14
51) 4-Methyl-2-Pentanone	10.571	43	1995	0.754 ug/l	#	1
71) Bromoform	12.841	173	898	0.468 ug/l	#	28
76) 1,2,3-Trichloropropane	12.853	75	74194	31.899 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.853	75	74194	74.056 ug/l	#	12

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

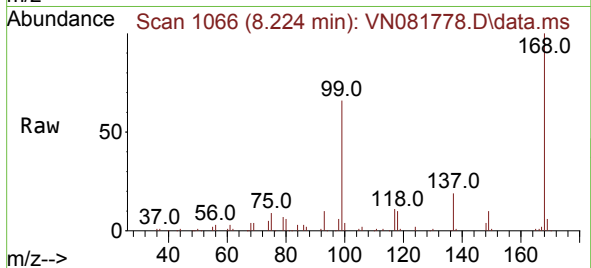
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 15 15:37:39 2024
Response via : Initial Calibration



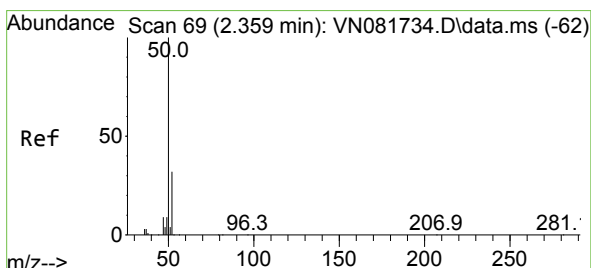
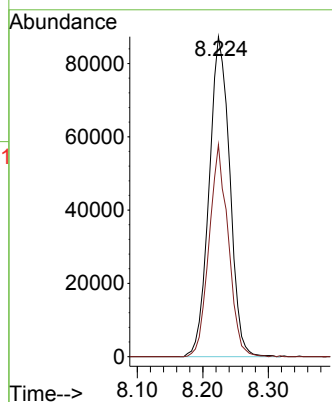
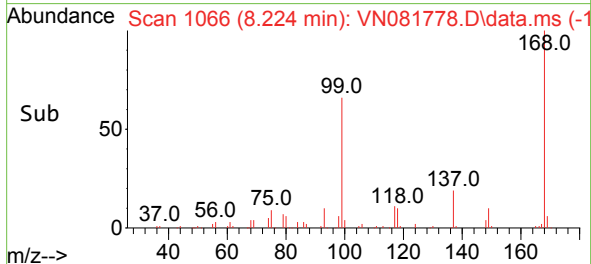


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN081778.D
Acq: 18 Apr 2024 11:19

Instrument :
MSVOA_N
ClientSampleId :

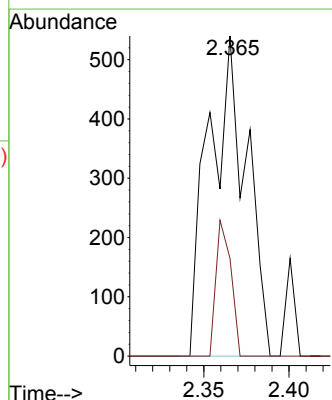
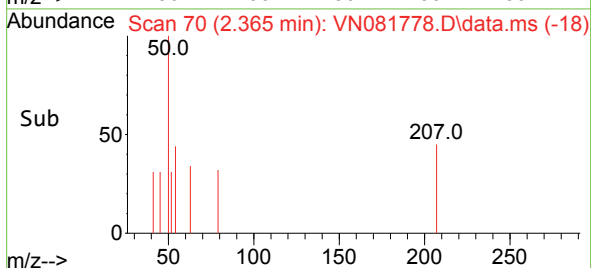
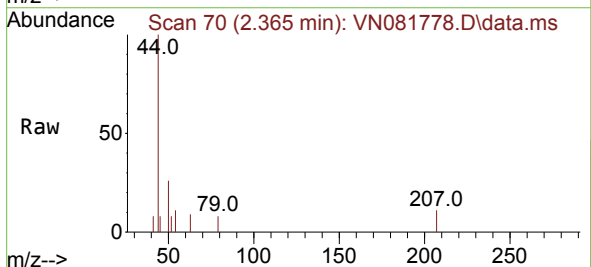


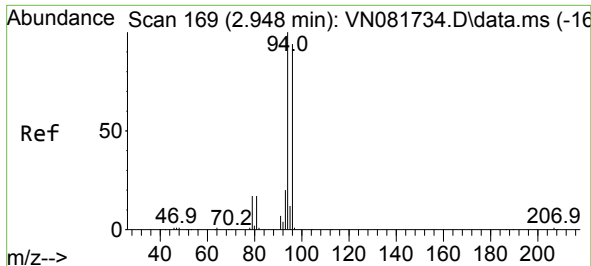
Tgt Ion:168 Resp: 191033
Ion Ratio Lower Upper
168 100
99 66.2 48.2 72.4



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN081778.D
Acq: 18 Apr 2024 11:19

Tgt Ion: 50 Resp: 833
Ion Ratio Lower Upper
50 100
52 30.6 25.5 38.3

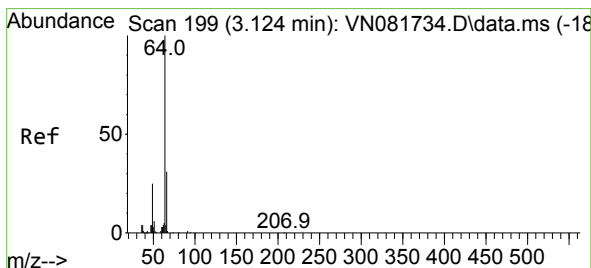
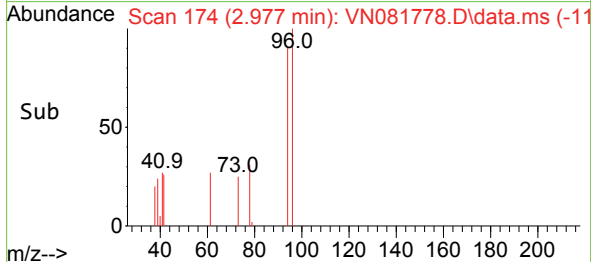
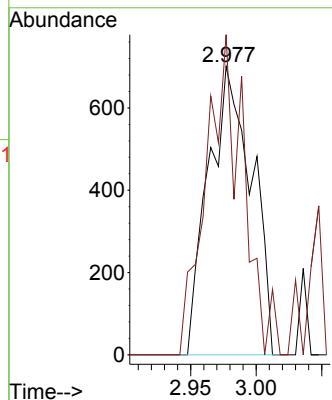
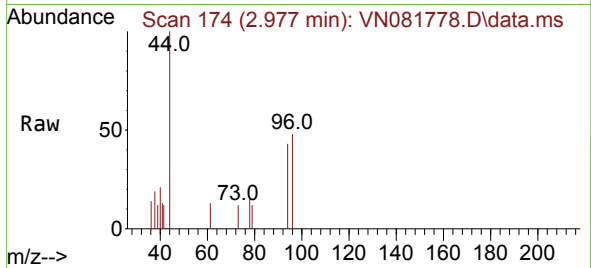




#5
Bromomethane
Concen: 0.901 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN081778.D
Acq: 18 Apr 2024 11:19

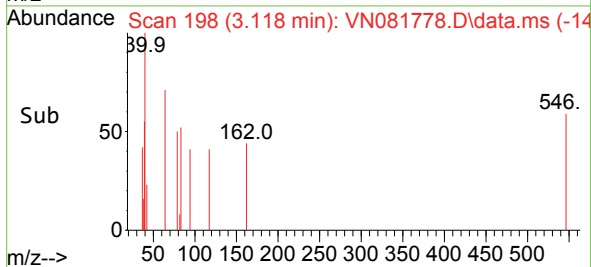
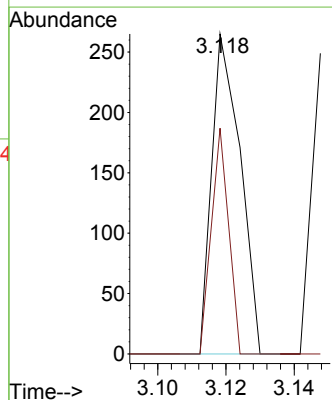
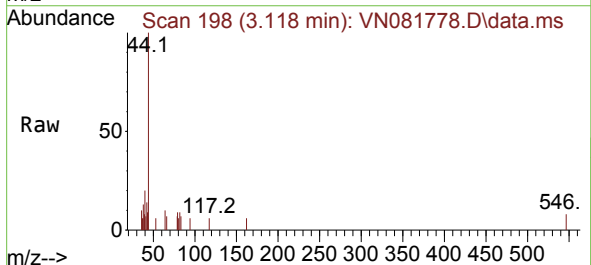
Instrument :
MSVOA_N
ClientSampleId :

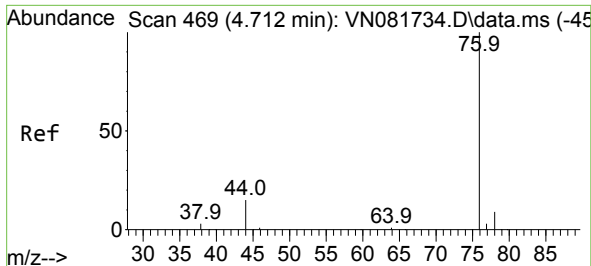
Tgt Ion: 94 Resp: 1611
Ion Ratio Lower Upper
94 100
96 111.0 74.8 112.2



#6
Chloroethane
Concen: Below Cal
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN081778.D
Acq: 18 Apr 2024 11:19

Tgt Ion: 64 Resp: 154
Ion Ratio Lower Upper
64 100
66 70.6 24.7 37.1#

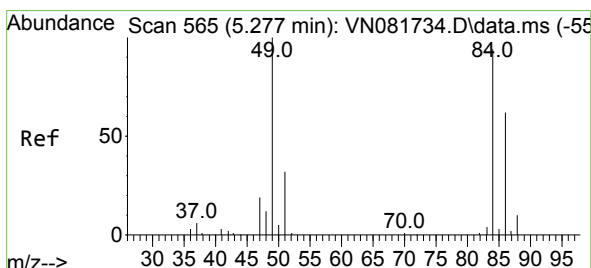
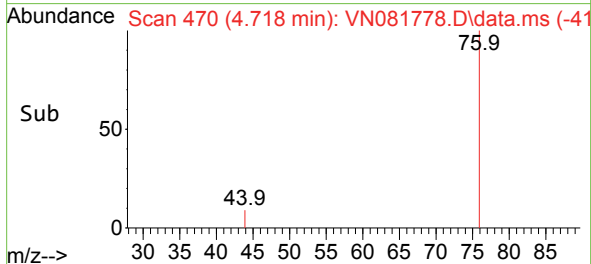
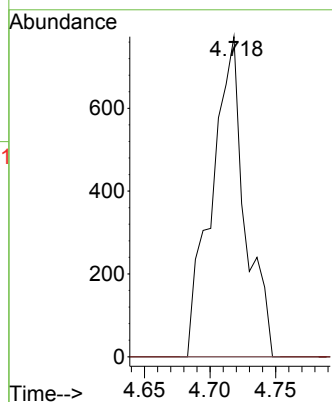
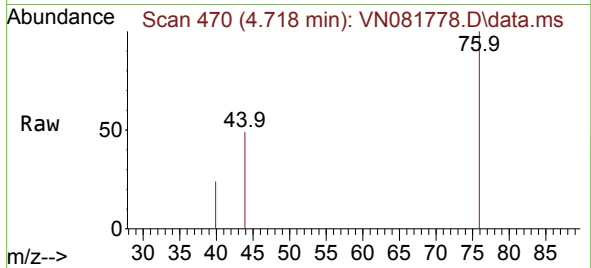




#17
Carbon Disulfide
Concen: 0.206 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081778.D
Acq: 18 Apr 2024 11:19

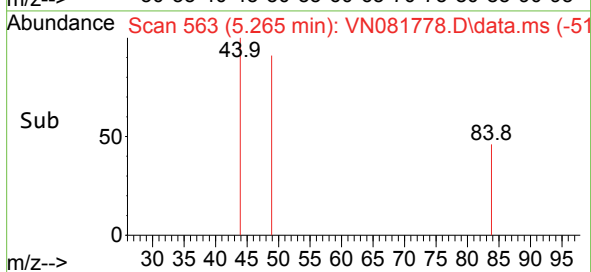
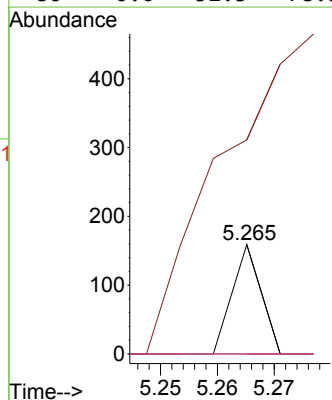
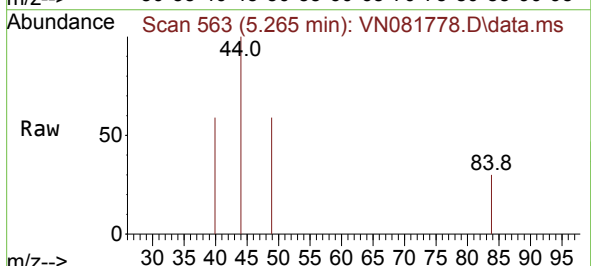
Instrument :
MSVOA_N
ClientSampleId :

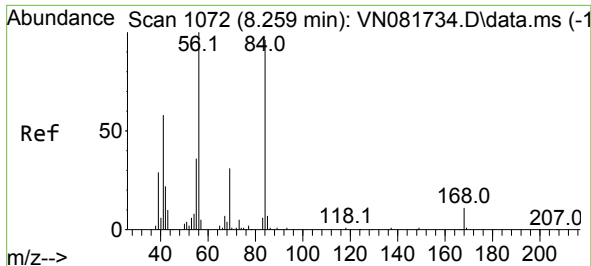
Tgt Ion: 76 Resp: 1356
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN081778.D
Acq: 18 Apr 2024 11:19

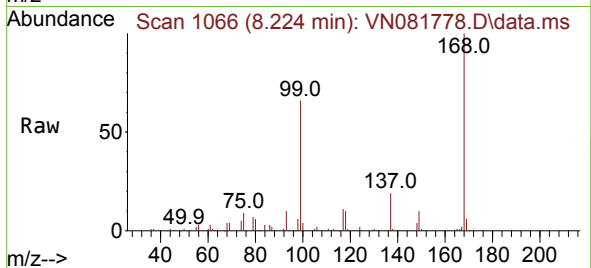
Tgt Ion: 84 Resp: 56
Ion Ratio Lower Upper
84 100
49 97.5 84.9 127.3
51 0.0 27.0 40.6#
86 0.0 52.3 78.5#



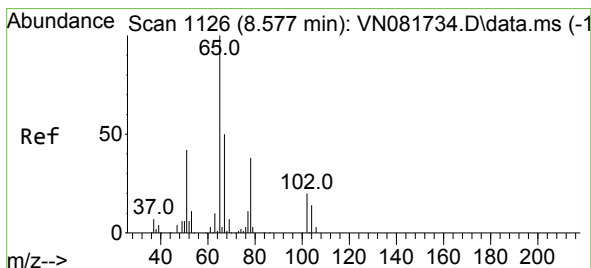
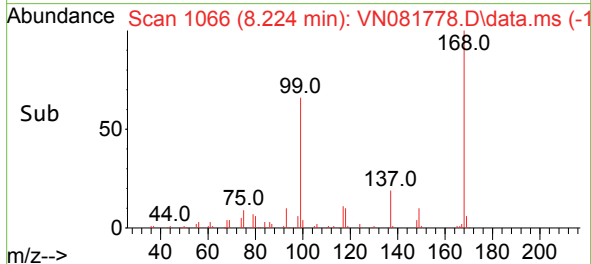
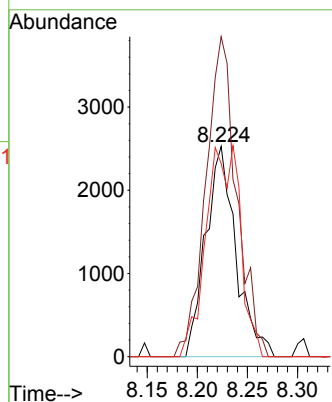


#31
Cyclohexane
Concen: 1.442 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081778.D
Acq: 18 Apr 2024 11:19

Instrument :
MSVOA_N
ClientSampleId :

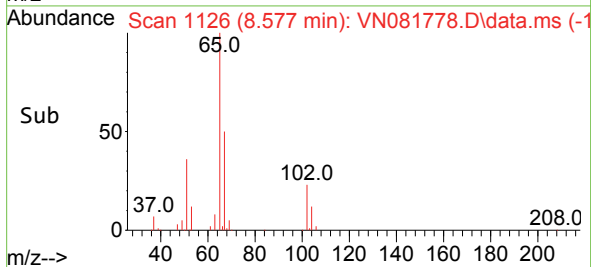
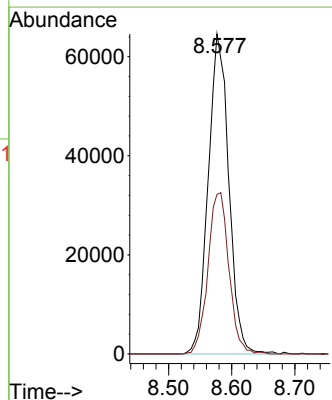
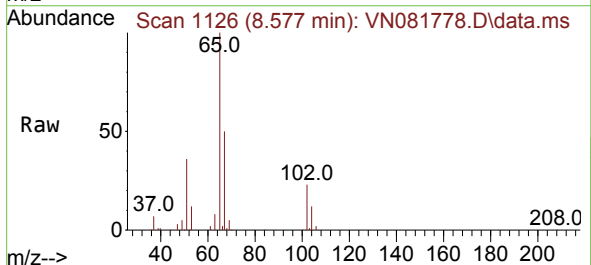


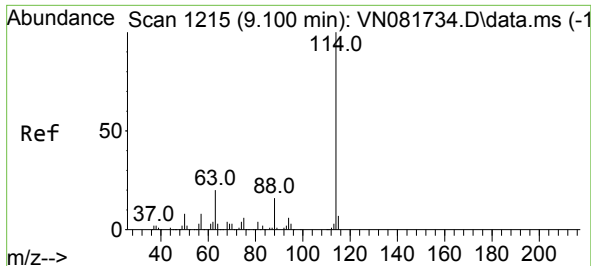
Tgt Ion: 56 Resp: 5318
Ion Ratio Lower Upper
56 100
69 152.2 24.4 36.6#
84 91.9 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 54.342 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081778.D
Acq: 18 Apr 2024 11:19

Tgt Ion: 65 Resp: 146079
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081778.D

Acq: 18 Apr 2024 11:19

Instrument :

MSVOA_N

ClientSampleId :

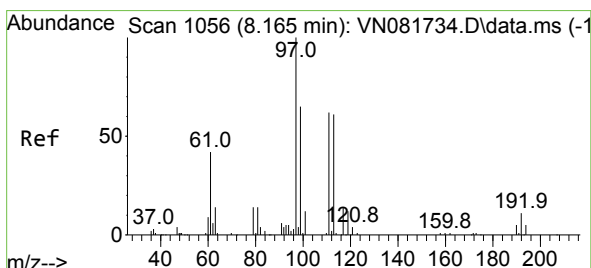
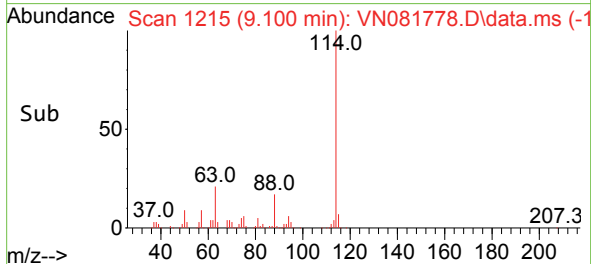
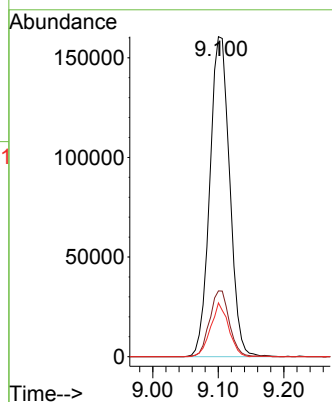
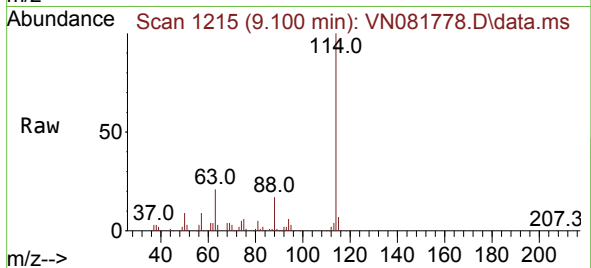
Tgt Ion:114 Resp: 337160

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.0

88 16.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.001 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081778.D

Acq: 18 Apr 2024 11:19

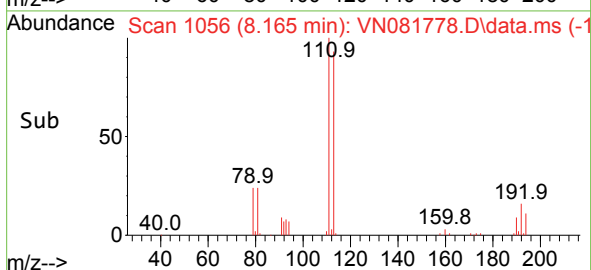
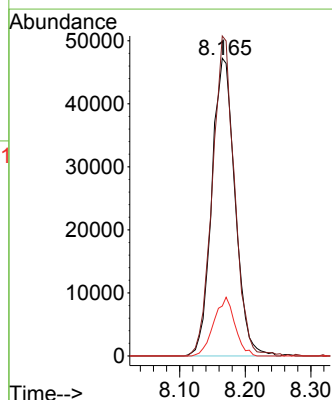
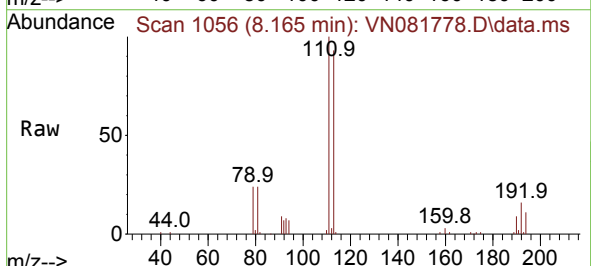
Tgt Ion:113 Resp: 115776

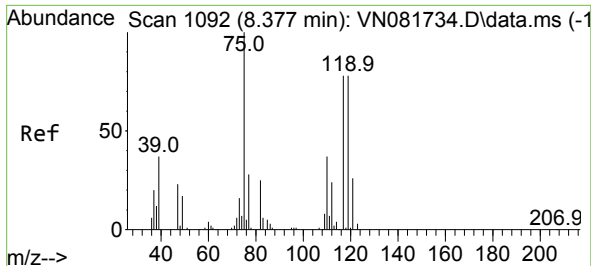
Ion Ratio Lower Upper

113 100

111 102.5 83.4 125.2

192 18.0 14.0 21.0





#36

1,1-Dichloropropene

Concen: 5.720 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

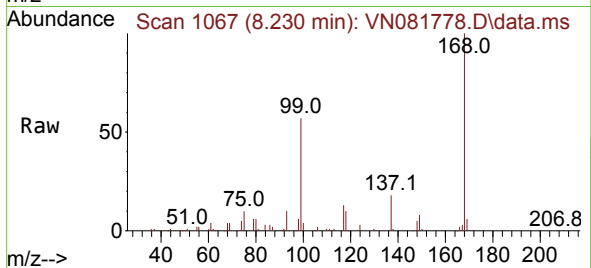
Lab File: VN081778.D

Acq: 18 Apr 2024 11:19

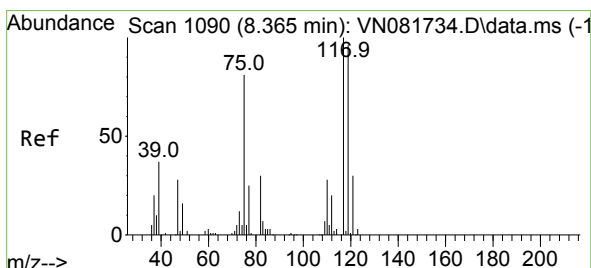
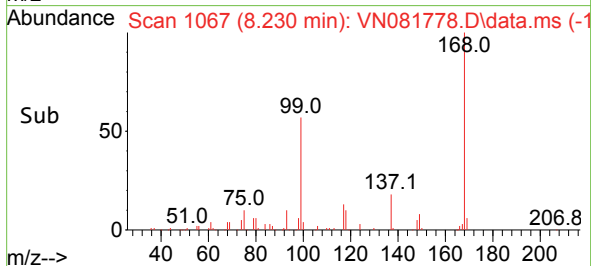
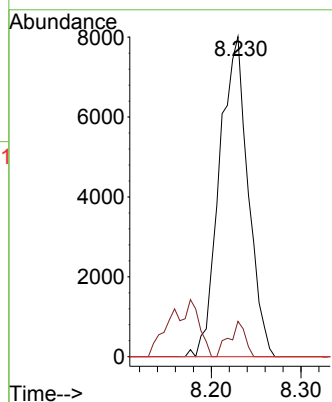
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 17744
Ion Ratio	Lower Upper
75	100
110	6.2 17.8 53.5#
77	0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.106 ug/l

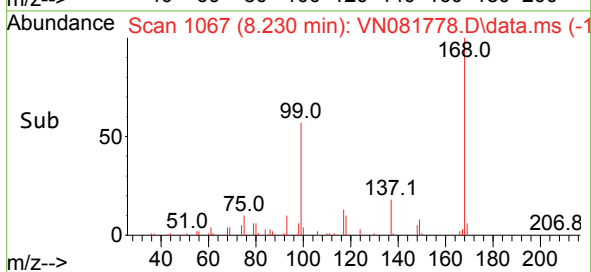
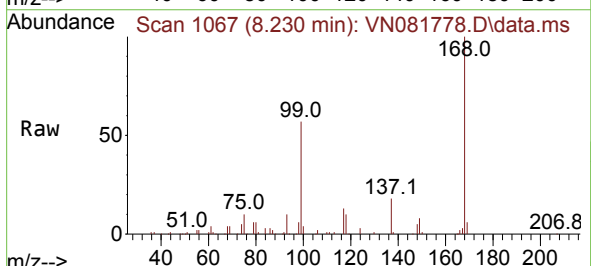
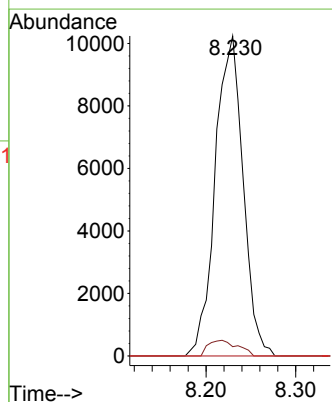
RT: 8.230 min Scan# 1067

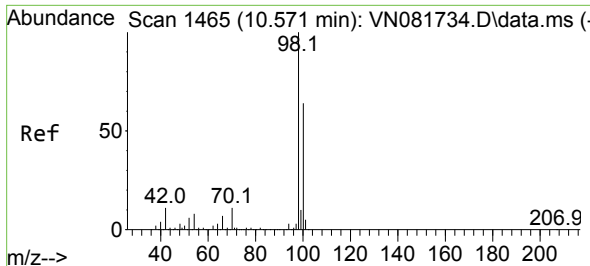
Delta R.T. -0.135 min

Lab File: VN081778.D

Acq: 18 Apr 2024 11:19

Tgt Ion: 117	Resp: 22036
Ion Ratio	Lower Upper
117	100
119	2.9 76.5 114.7#
121	0.0 23.9 35.9#

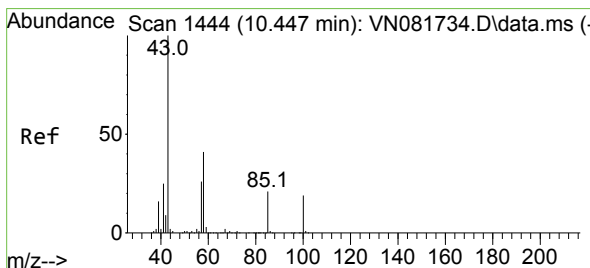
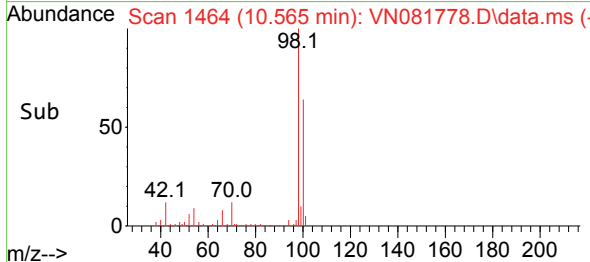
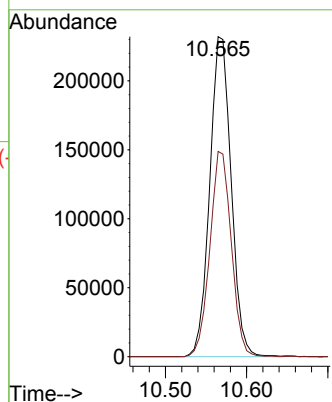
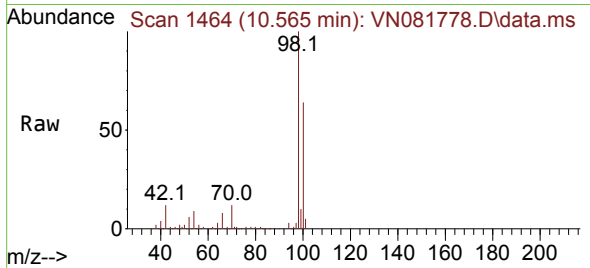




#50
Toluene-d8
Concen: 51.815 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081778.D
Acq: 18 Apr 2024 11:19

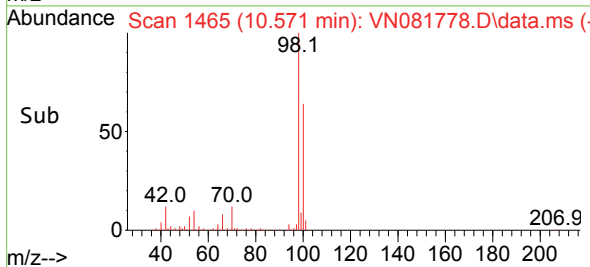
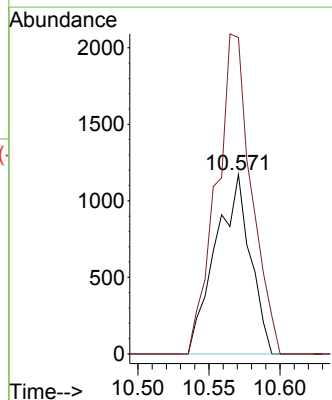
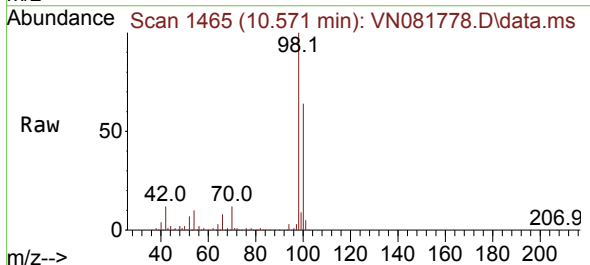
Instrument :
MSVOA_N
ClientSampleId :

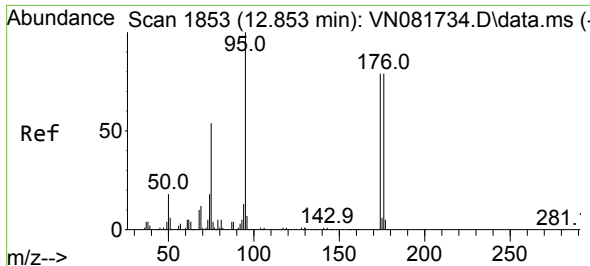
Tgt Ion: 98 Resp: 424991
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 0.754 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN081778.D
Acq: 18 Apr 2024 11:19

Tgt Ion: 43 Resp: 1995
Ion Ratio Lower Upper
43 100
58 179.1 33.2 49.8#

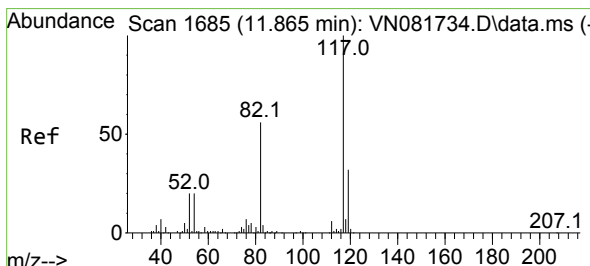
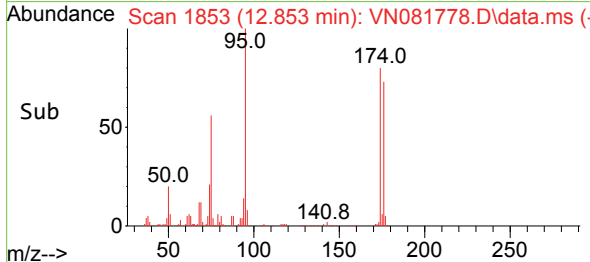
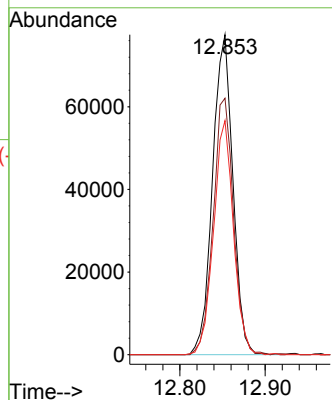
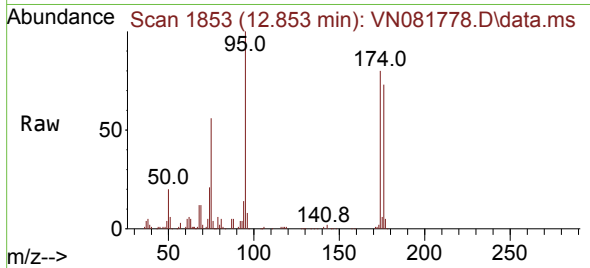




#62
4-Bromofluorobenzene
Concen: 45.683 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081778.D
Acq: 18 Apr 2024 11:19

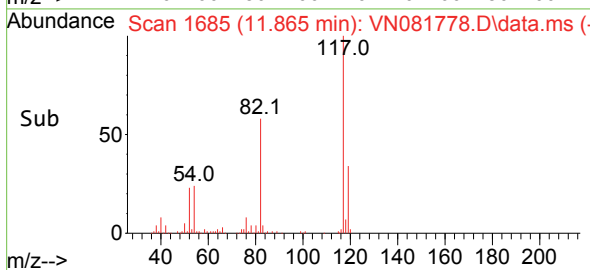
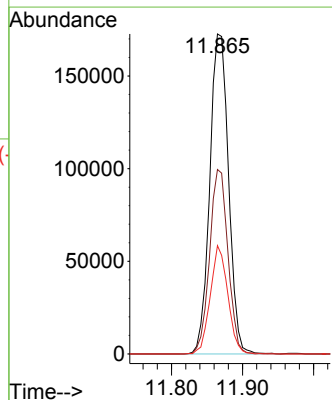
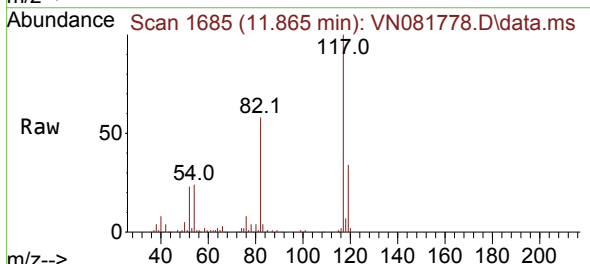
Instrument :
MSVOA_N
ClientSampleId :

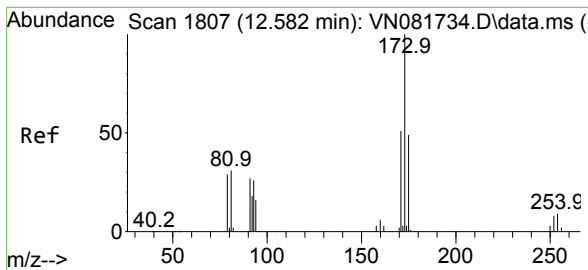
Tgt Ion: 95 Resp: 128044
Ion Ratio Lower Upper
95 100
174 80.7 0.0 160.6
176 71.8 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081778.D
Acq: 18 Apr 2024 11:19

Tgt Ion: 117 Resp: 316874
Ion Ratio Lower Upper
117 100
82 57.7 44.6 66.8
119 33.9 25.9 38.9





#71

Bromoform

Concen: 0.468 ug/l

RT: 12.841 min Scan# 1807

Delta R.T. 0.259 min

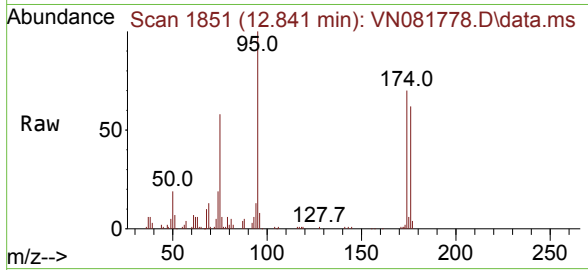
Lab File: VN081778.D

Acq: 18 Apr 2024 11:19

Instrument :

MSVOA_N

ClientSampleId :



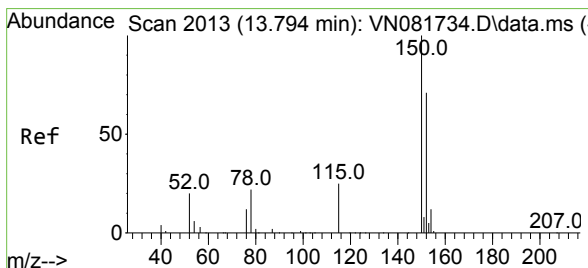
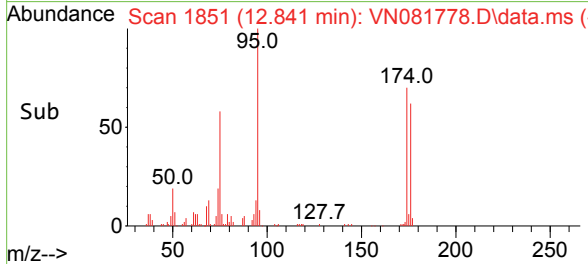
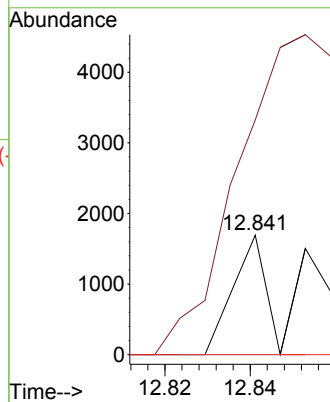
Tgt Ion:173 Resp: 898

Ion Ratio Lower Upper

173 100

175 0.0 24.6 74.0#

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: VN081778.D

Acq: 18 Apr 2024 11:19

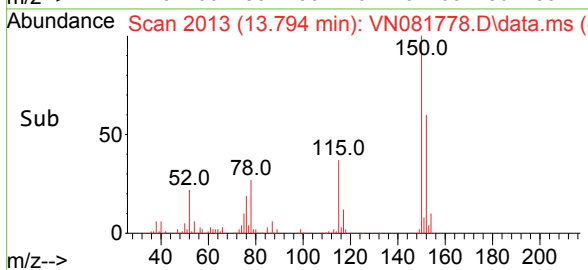
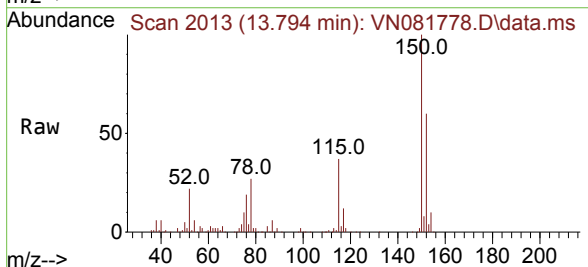
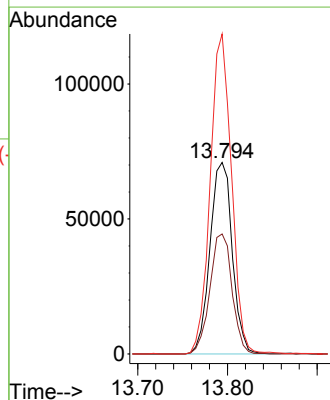
Tgt Ion:152 Resp: 122586

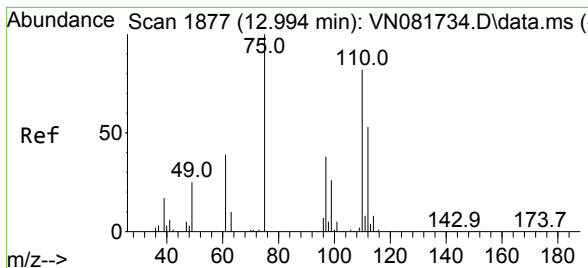
Ion Ratio Lower Upper

152 100

115 62.2 30.4 91.3

150 159.0 0.0 353.2





#76

1,2,3-Trichloropropane

Concen: 31.899 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

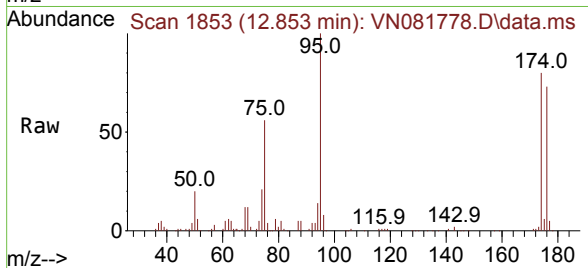
Lab File: VN081778.D

Acq: 18 Apr 2024 11:19

Instrument :

MSVOA_N

ClientSampleId :

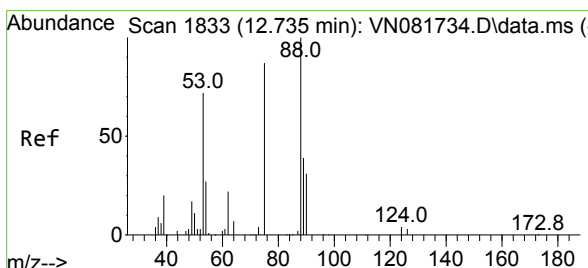
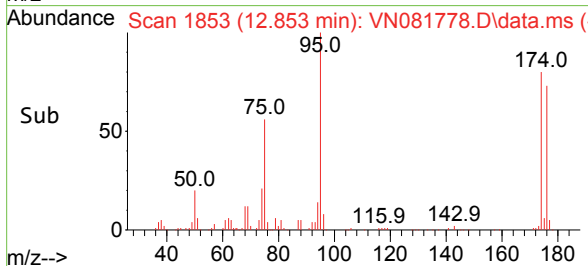
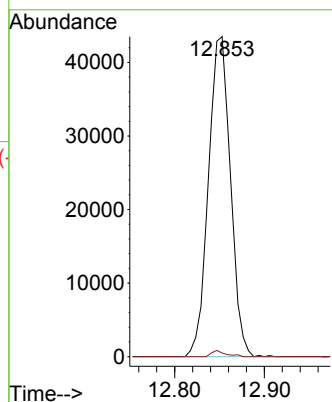


Tgt Ion: 75 Resp: 74194

Ion Ratio Lower Upper

75 100

77 1.2 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 74.056 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN081778.D

Acq: 18 Apr 2024 11:19

Tgt Ion: 75 Resp: 74194

Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

89 0.0 39.1 58.7#

