

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041224\
 Data File : VN081727.D
 Acq On : 12 Apr 2024 18:55
 Operator : JC\MD
 Sample : P2076-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 13 07:01:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	288743	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	549791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	518254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	207501	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	188624	51.225	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.460%
35) Dibromofluoromethane	8.171	113	156370	45.067	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.140%
50) Toluene-d8	10.571	98	573015	45.685	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.380%
62) 4-Bromofluorobenzene	12.853	95	183419	41.502	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	83.000%

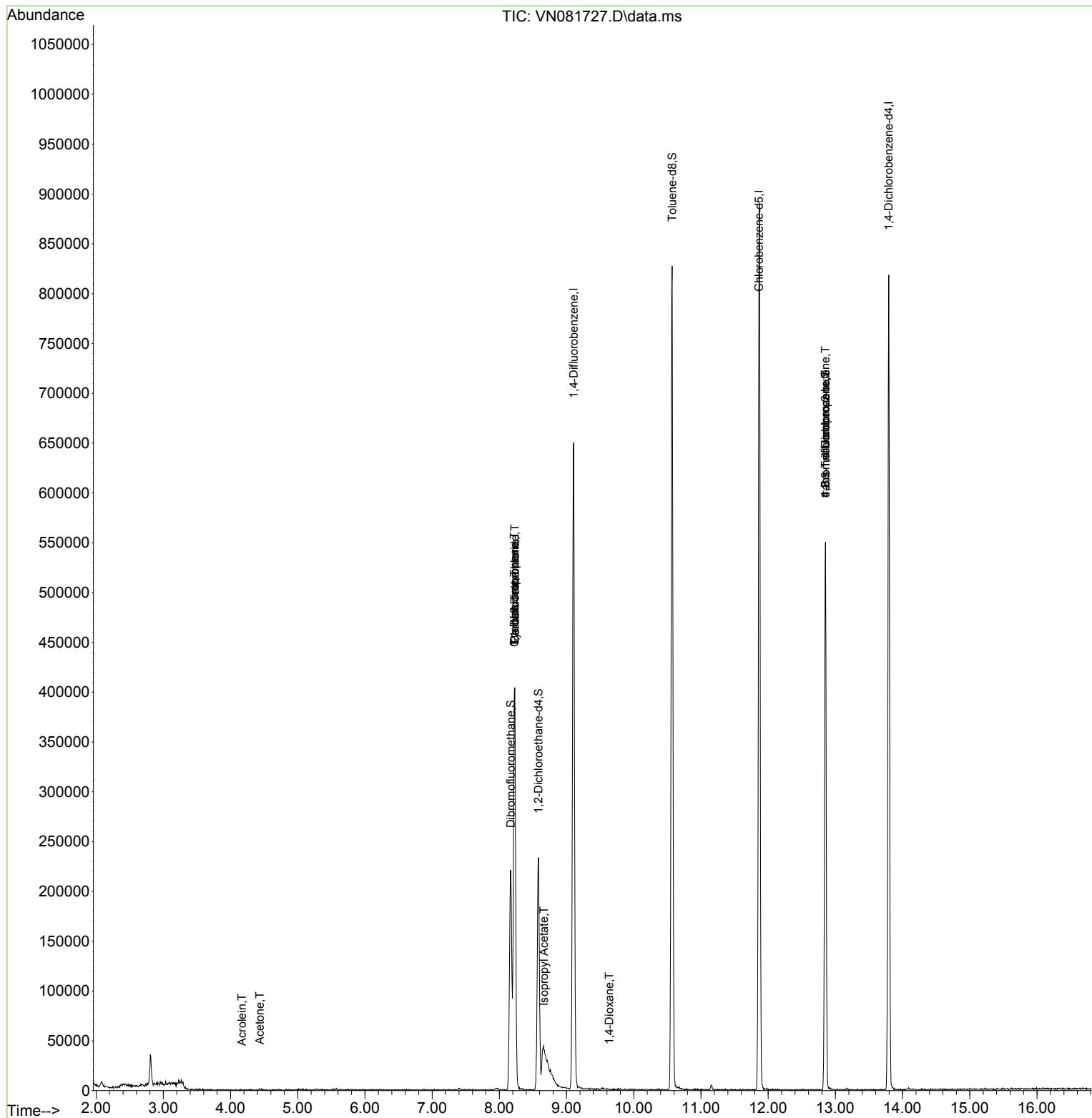
Target Compounds					Qvalue	
13) Acrolein	4.171	56	144	0.250	ug/l	# 15
16) Acetone	4.436	43	1912	1.607	ug/l	96
31) Cyclohexane	8.224	56	7335	1.224	ug/l	# 1
36) 1,1-Dichloropropene	8.224	75	23377	4.003	ug/l	# 51
38) Carbon Tetrachloride	8.230	117	30047	4.697	ug/l	# 18
43) Isopropyl Acetate	8.665	43	55185	6.658	ug/l	# 57
49) 1,4-Dioxane	9.635	88	57	0.620	ug/l	# 1
76) 1,2,3-Trichloropropane	12.853	75	99379	20.022	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.853	75	99379	54.106	ug/l	# 14

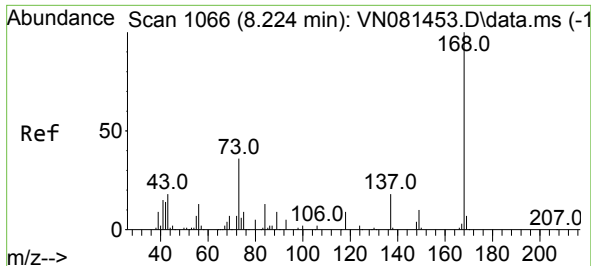
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

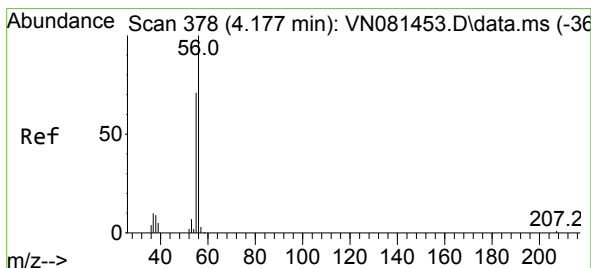
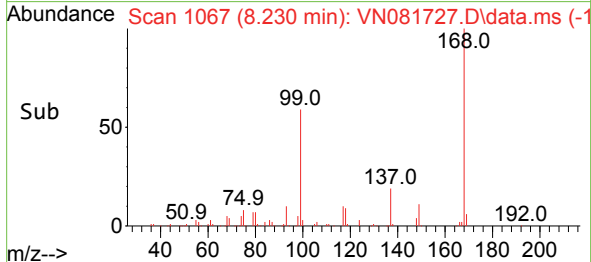
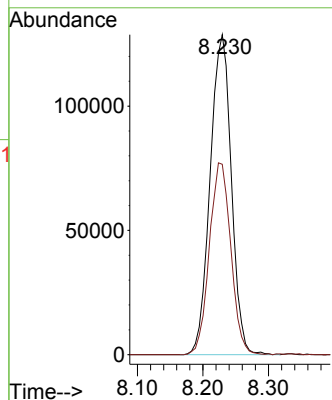
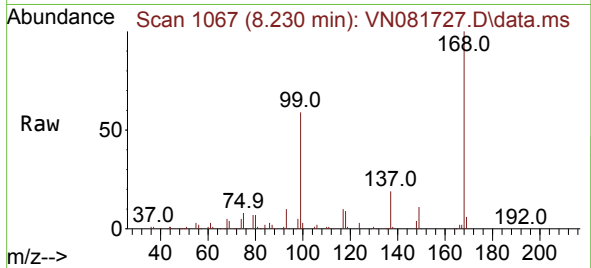




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN081727.D
Acq: 12 Apr 2024 18:55

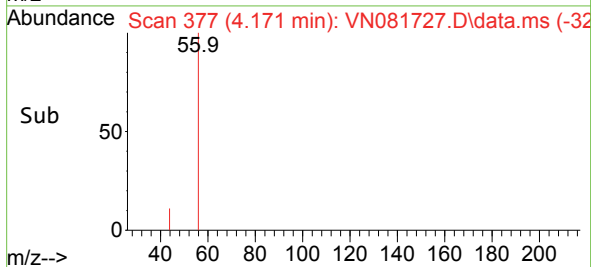
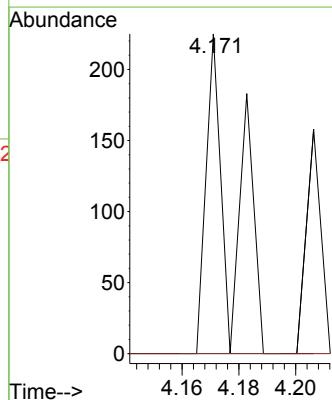
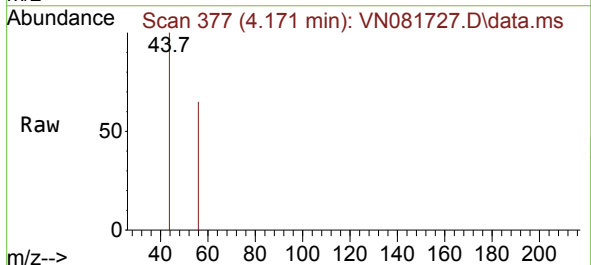
Instrument :
MSVOA_N
ClientSampleId :

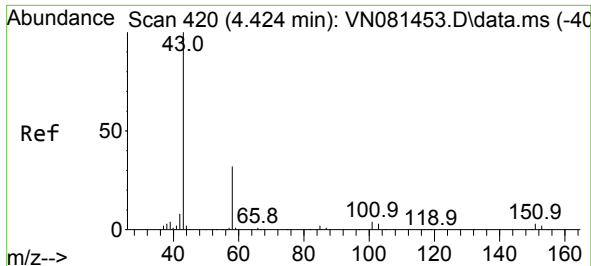
Tgt Ion:168 Resp: 288743
Ion Ratio Lower Upper
168 100
99 59.5 59.9 89.9#



#13
Acrolein
Concen: 0.250 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN081727.D
Acq: 12 Apr 2024 18:55

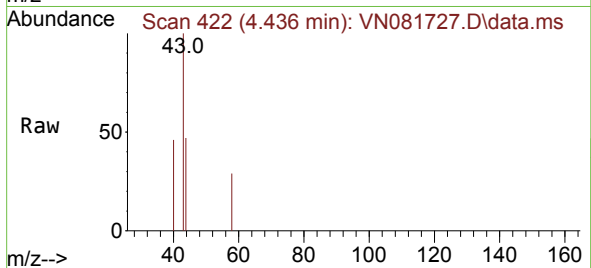
Tgt Ion: 56 Resp: 144
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#



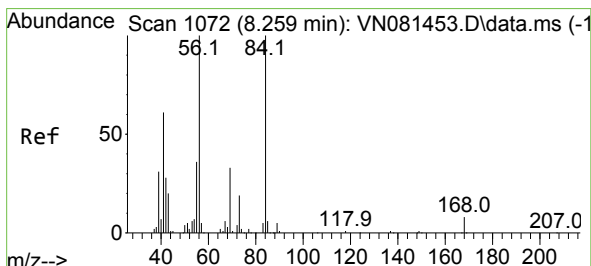
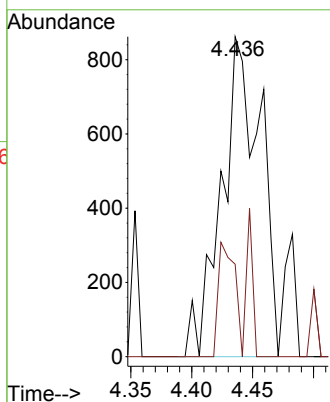
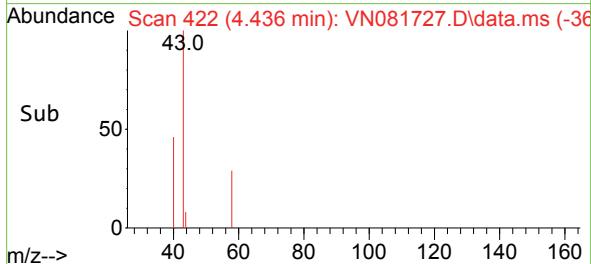


#16
Acetone
Concen: 1.607 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN081727.D
Acq: 12 Apr 2024 18:55

Instrument :
MSVOA_N
ClientSampleId :

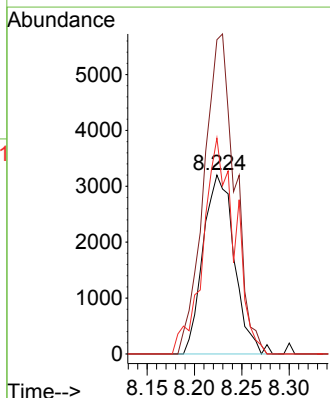
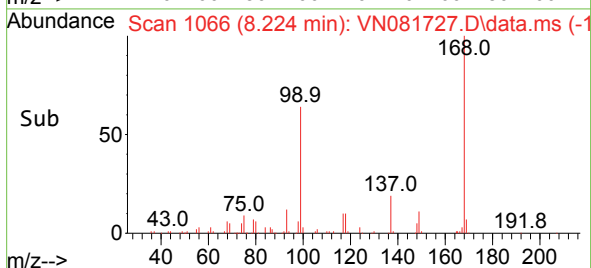
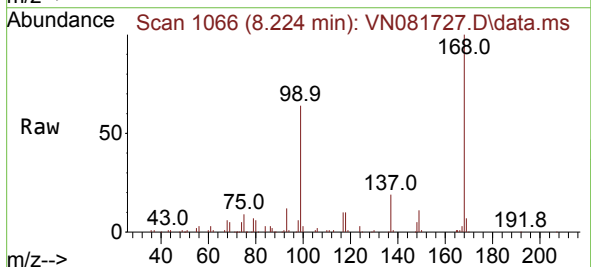


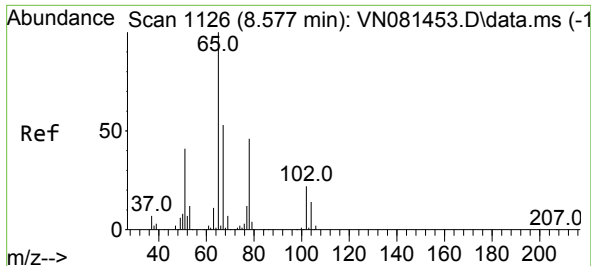
Tgt Ion: 43 Resp: 1912
Ion Ratio Lower Upper
43 100
58 28.9 24.8 37.2



#31
Cyclohexane
Concen: 1.224 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081727.D
Acq: 12 Apr 2024 18:55

Tgt Ion: 56 Resp: 7335
Ion Ratio Lower Upper
56 100
69 175.7 20.1 30.1#
84 120.7 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 51.225 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

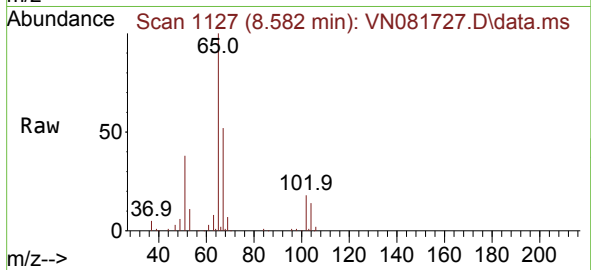
Lab File: VN081727.D

Acq: 12 Apr 2024 18:55

Instrument :

MSVOA_N

ClientSampleId :

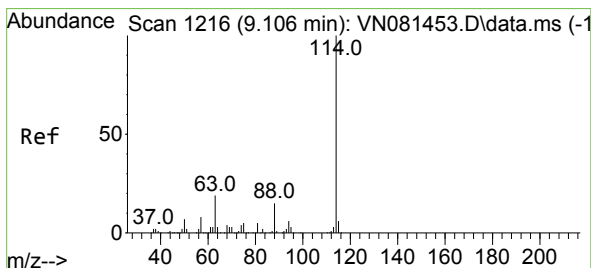
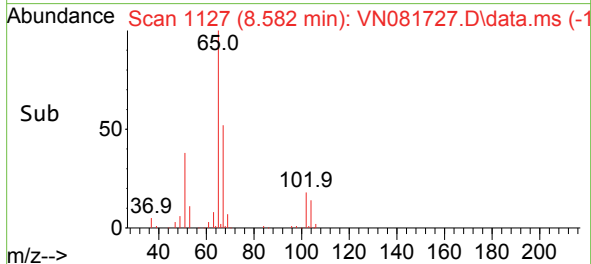
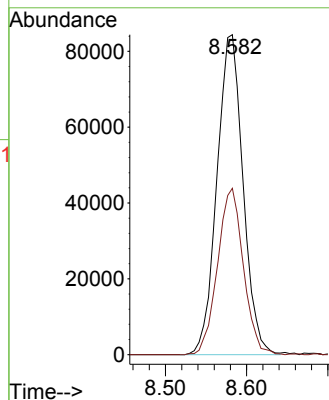


Tgt Ion: 65 Resp: 188624

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN081727.D

Acq: 12 Apr 2024 18:55

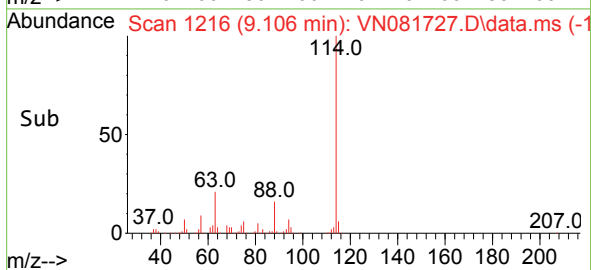
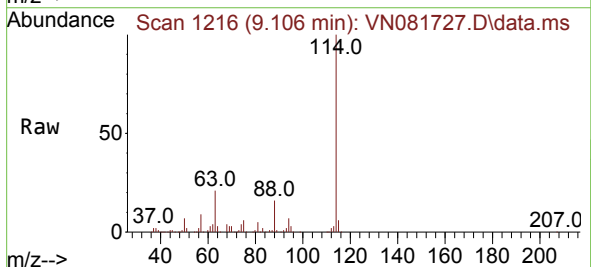
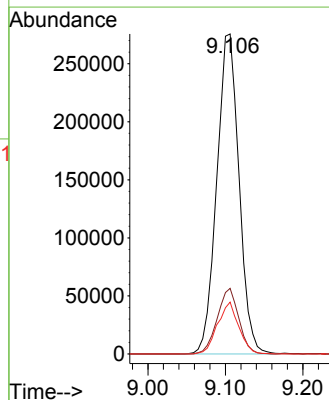
Tgt Ion: 114 Resp: 549791

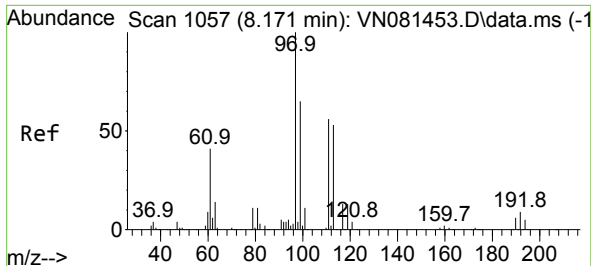
Ion Ratio Lower Upper

114 100

63 20.5 0.0 48.0

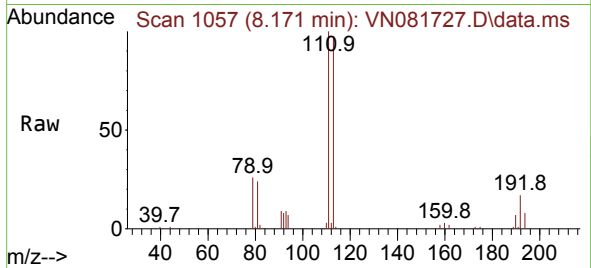
88 16.2 0.0 34.8



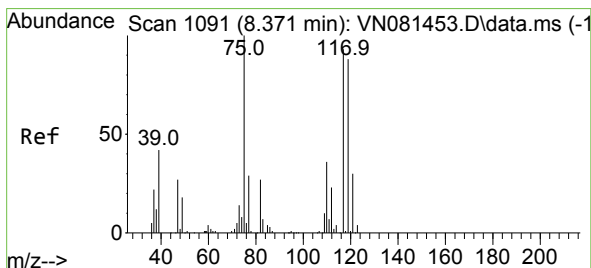
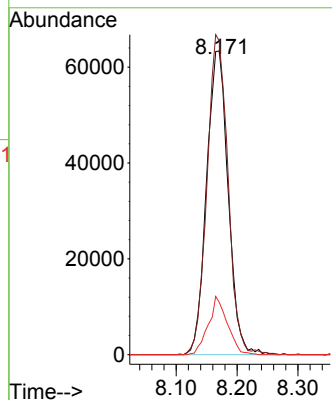
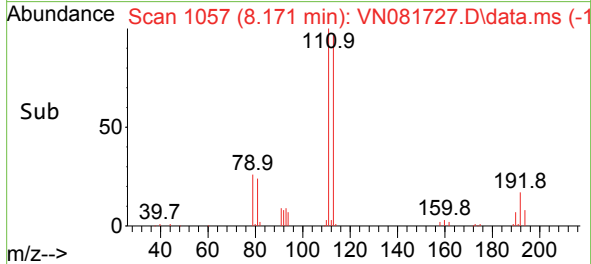


#35
Dibromofluoromethane
Concen: 45.067 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081727.D
Acq: 12 Apr 2024 18:55

Instrument :
MSVOA_N
ClientSampleId :

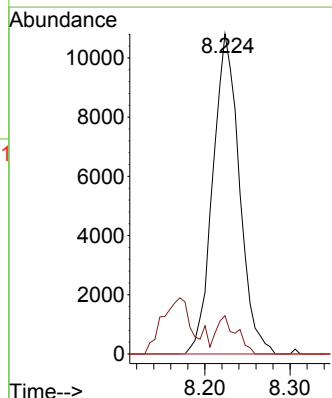
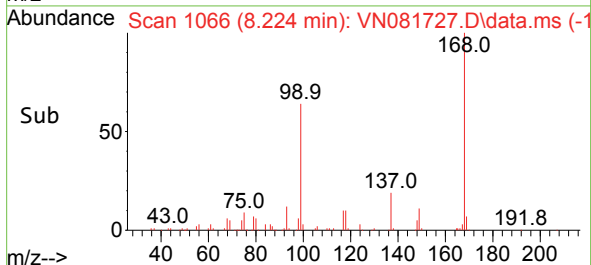
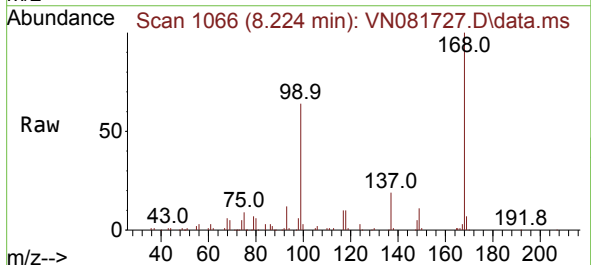


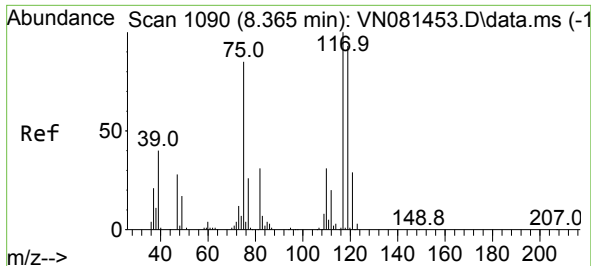
Tgt Ion:113 Resp: 156370
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 17.0 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.003 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081727.D
Acq: 12 Apr 2024 18:55

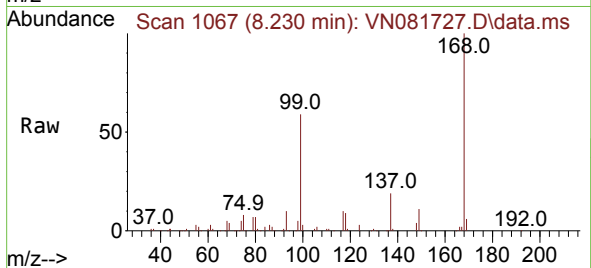
Tgt Ion: 75 Resp: 23377
Ion Ratio Lower Upper
75 100
110 8.9 16.0 48.0#
77 0.0 25.8 38.6#



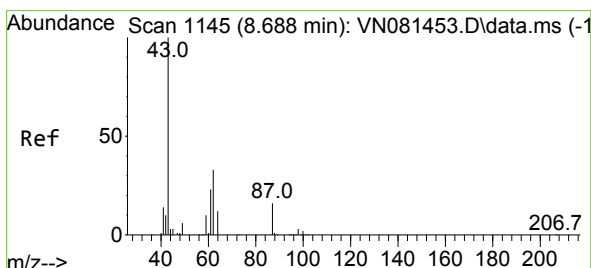
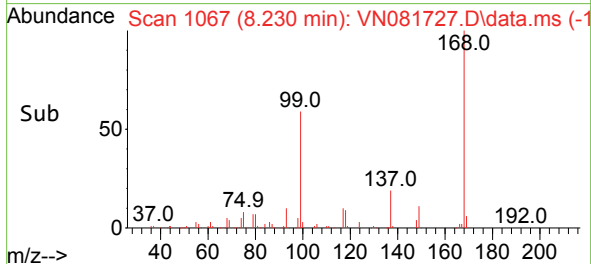
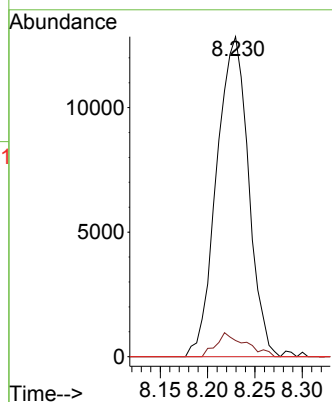


#38
Carbon Tetrachloride
Concen: 4.697 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.135 min
Lab File: VN081727.D
Acq: 12 Apr 2024 18:55

Instrument :
MSVOA_N
ClientSampleId :

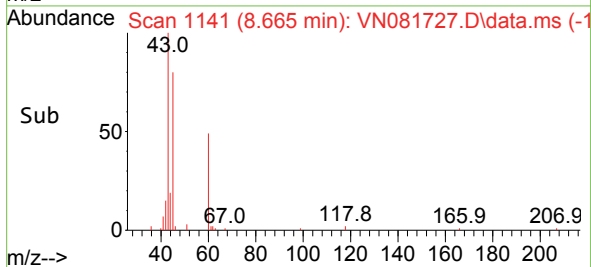
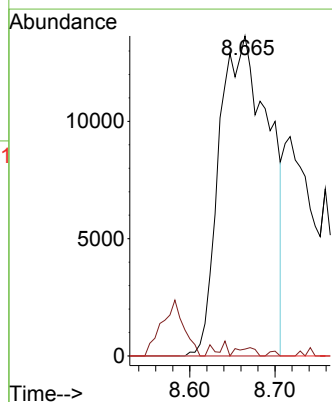
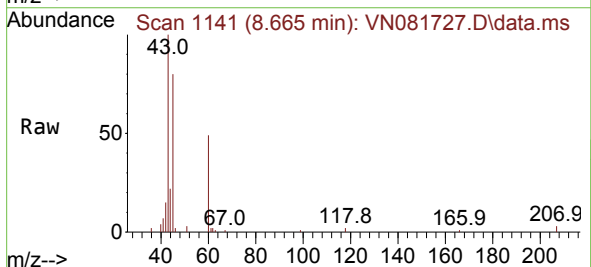


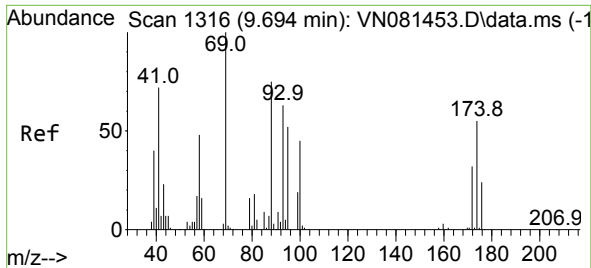
Tgt Ion:117 Resp: 30047
Ion Ratio Lower Upper
117 100
119 5.1 73.4 110.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 6.658 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.023 min
Lab File: VN081727.D
Acq: 12 Apr 2024 18:55

Tgt Ion: 43 Resp: 55185
Ion Ratio Lower Upper
43 100
61 0.6 19.9 29.9#
87 0.0 9.0 13.6#





#49

1,4-Dioxane

Concen: 0.620 ug/l

RT: 9.635 min Scan# 11

Delta R.T. -0.059 min

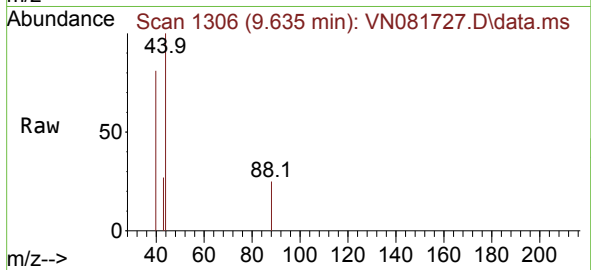
Lab File: VN081727.D

Acq: 12 Apr 2024 18:55

Instrument :

MSVOA_N

ClientSampleId :



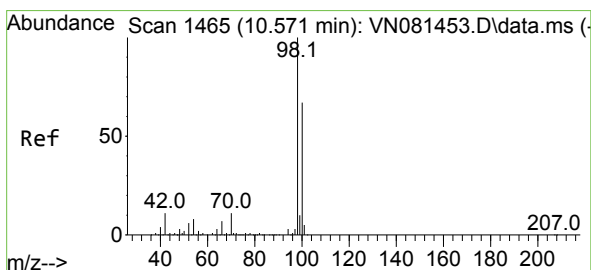
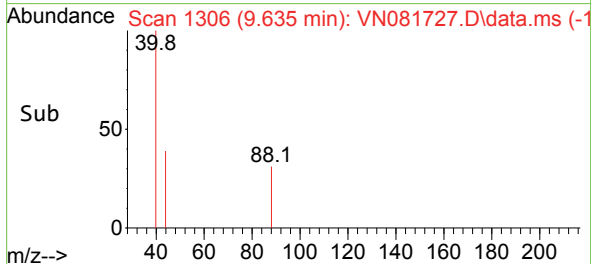
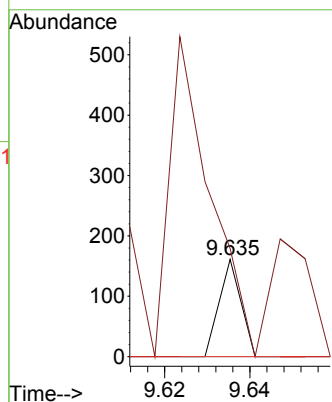
Tgt Ion: 88 Resp: 57

Ion Ratio Lower Upper

88 100

43 221.1 30.1 45.1#

58 0.0 63.9 95.9#



#50

Toluene-d8

Concen: 45.685 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081727.D

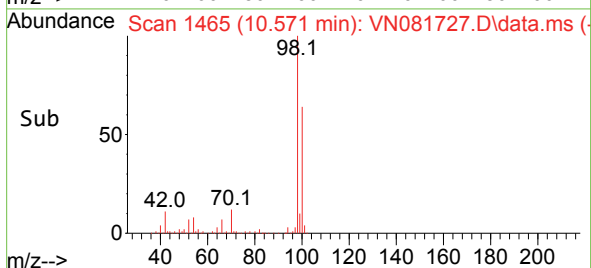
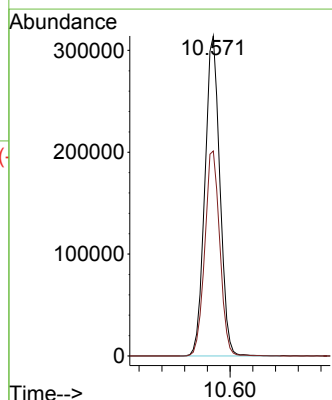
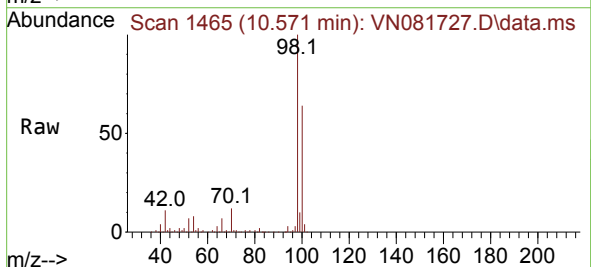
Acq: 12 Apr 2024 18:55

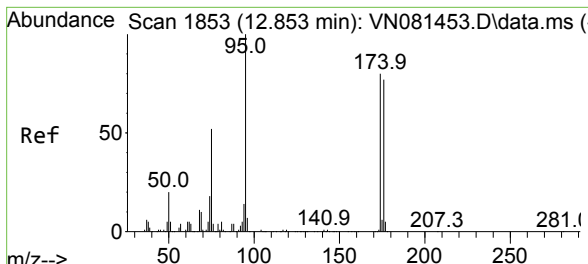
Tgt Ion: 98 Resp: 573015

Ion Ratio Lower Upper

98 100

100 64.1 51.4 77.0

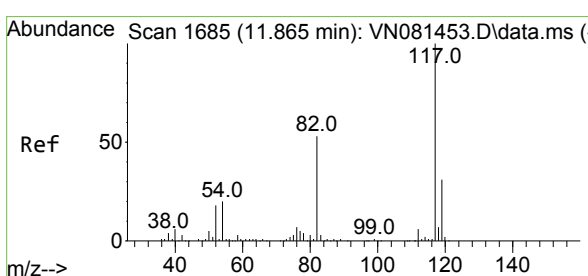
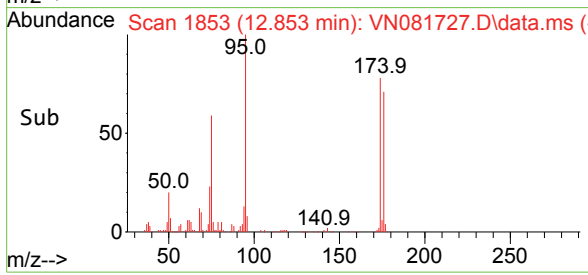
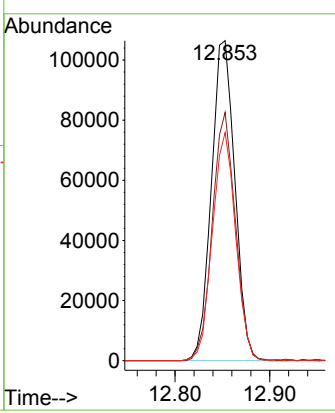
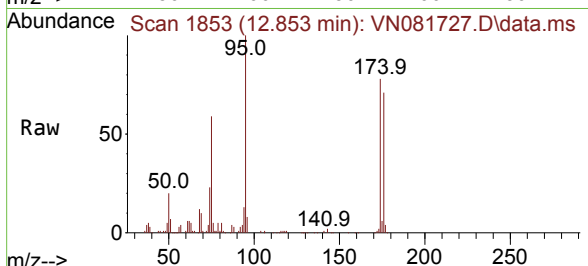




#62
 4-Bromofluorobenzene
 Concen: 41.502 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN081727.D
 Acq: 12 Apr 2024 18:55

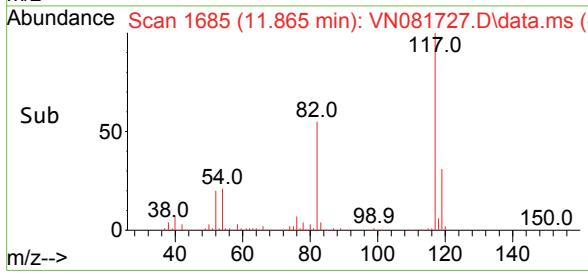
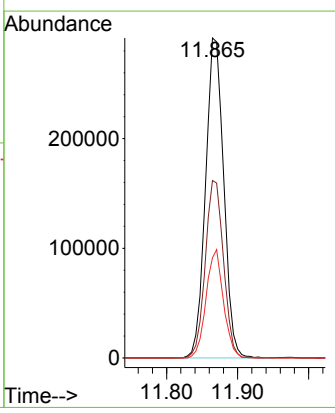
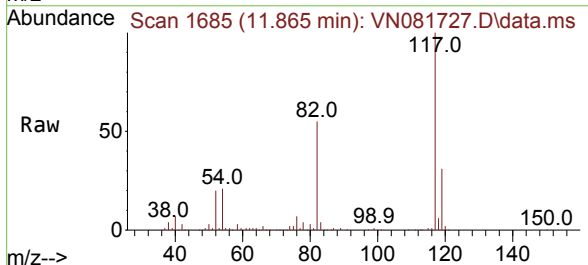
Instrument :
 MSVOA_N
 ClientSampleId :

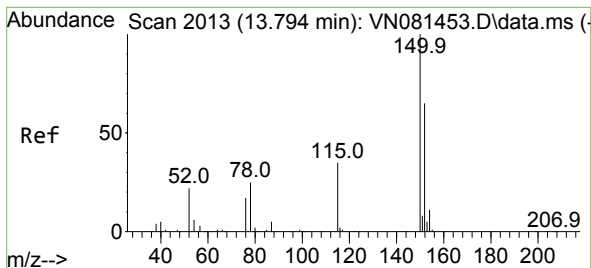
Tgt Ion:	95	Resp:	183419
Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	120.4
176	70.9	0.0	121.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN081727.D
 Acq: 12 Apr 2024 18:55

Tgt Ion:	117	Resp:	518254
Ion	Ratio	Lower	Upper
117	100		
82	55.4	52.7	79.1
119	31.3	25.3	37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

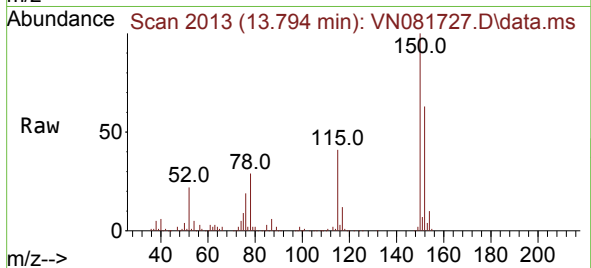
Lab File: VN081727.D

Acq: 12 Apr 2024 18:55

Instrument :

MSVOA_N

ClientSampleId :



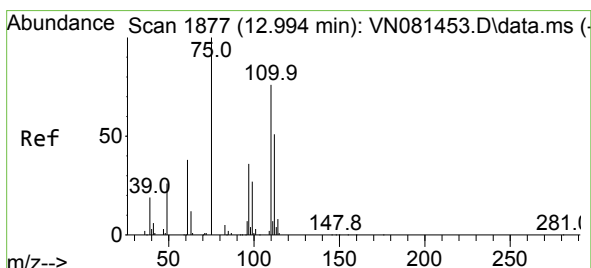
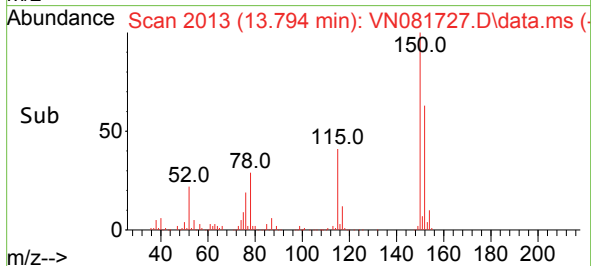
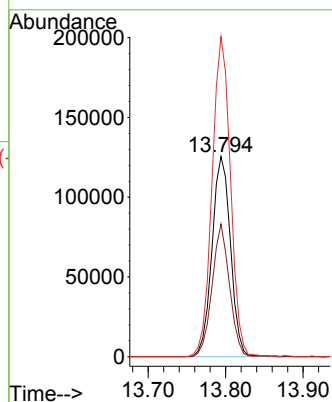
Tgt Ion:152 Resp: 207501

Ion Ratio Lower Upper

152 100

115 62.4 32.3 96.8

150 159.4 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 20.022 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN081727.D

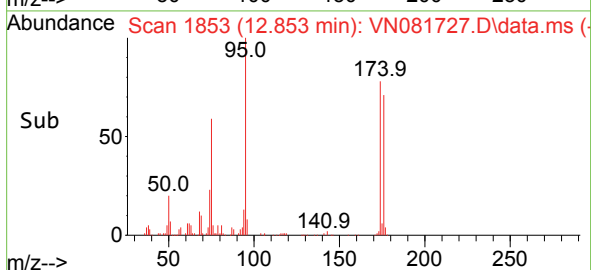
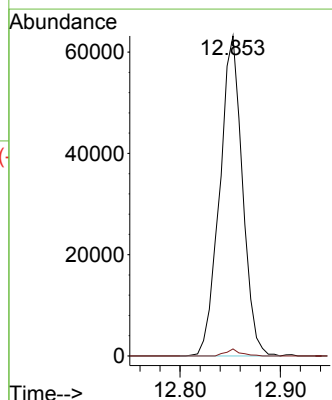
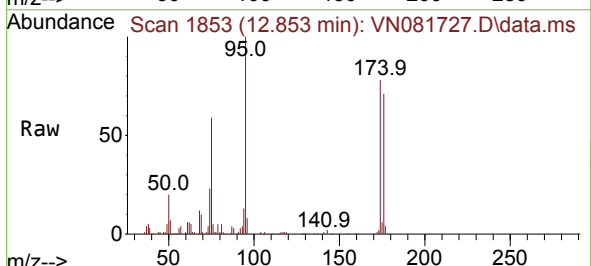
Acq: 12 Apr 2024 18:55

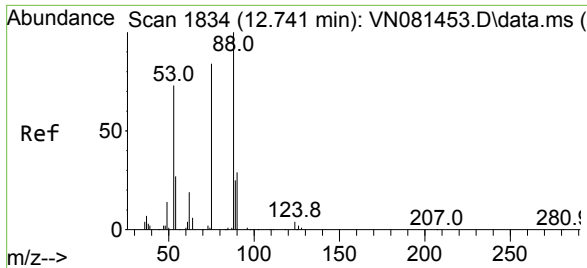
Tgt Ion: 75 Resp: 99379

Ion Ratio Lower Upper

75 100

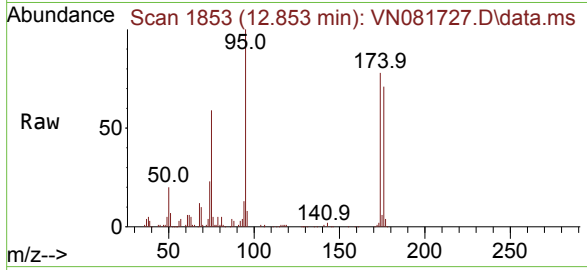
77 1.4 91.0 272.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 54.106 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN081727.D
Acq: 12 Apr 2024 18:55

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.2	71.4	107.2#
89	0.0	33.4	50.0#

