

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031924\
 Data File : VN081463.D
 Acq On : 19 Mar 2024 12:02
 Operator : JC\MD
 Sample : VN0319WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBL01

Quant Time: Mar 20 01:14:45 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)

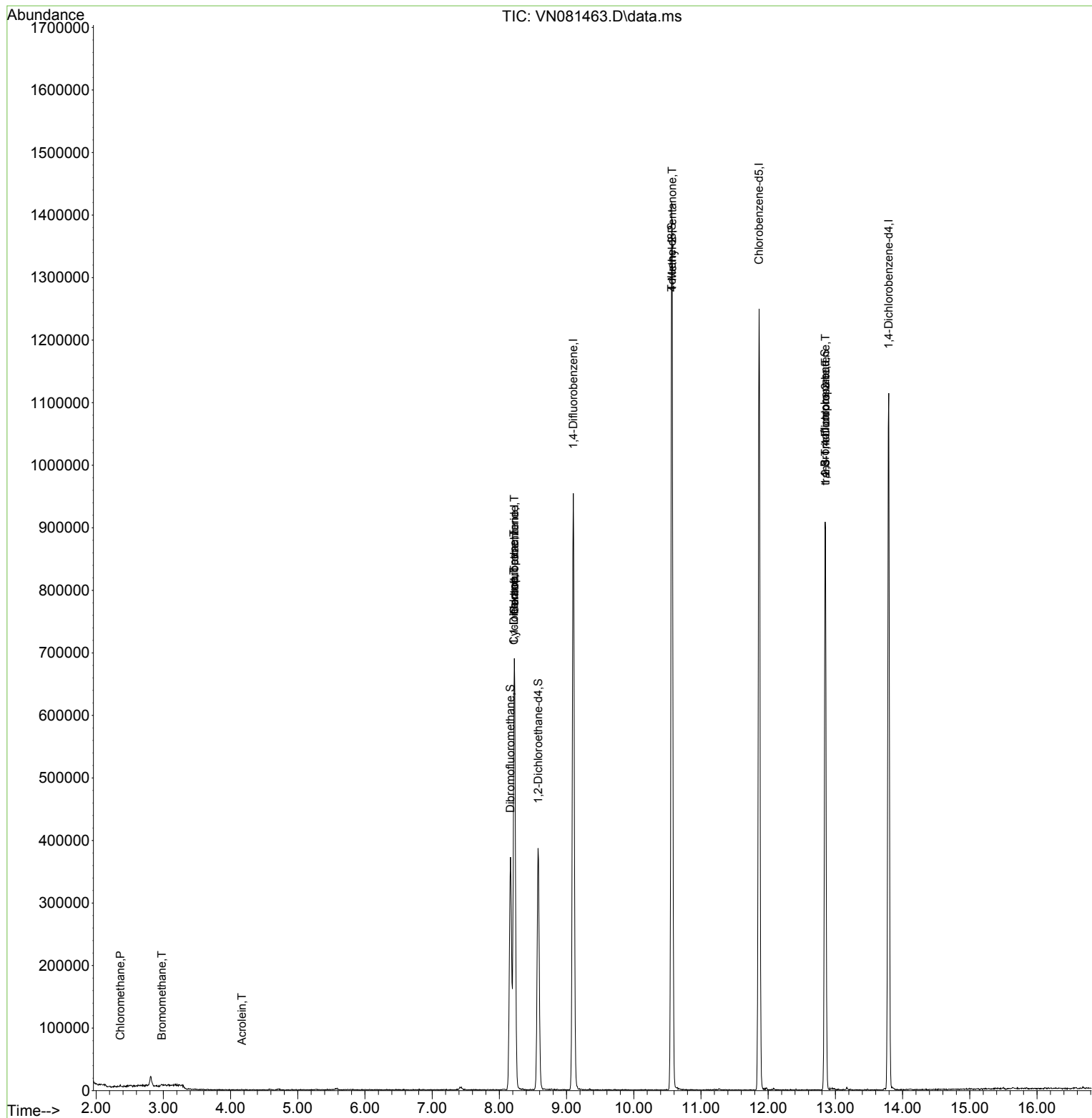
Internal Standards						
1) Pentafluorobenzene	8.224	168	503377	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	843736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	732616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	299755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	308910	48.121	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.240%
35) Dibromofluoromethane	8.165	113	262882	49.369	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.740%
50) Toluene-d8	10.565	98	997790	51.837	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.680%
62) 4-Bromofluorobenzene	12.847	95	307815	45.384	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	90.760%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1728	0.256	ug/l	# 83
5) Bromomethane	2.977	94	2148	0.401	ug/l	# 65
13) Acrolein	4.171	56	201	0.200	ug/l	# 60
31) Cyclohexane	8.218	56	11297	1.081	ug/l	# 1
36) 1,1-Dichloropropene	8.218	75	41485	4.629	ug/l	# 44
38) Carbon Tetrachloride	8.224	117	53239	5.423	ug/l	# 20
51) 4-Methyl-2-Pentanone	10.570	43	4009	0.517	ug/l	# 1
76) 1,2,3-Trichloropropane	12.853	75	166087	23.163	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.853	75	166087	62.595	ug/l	# 14

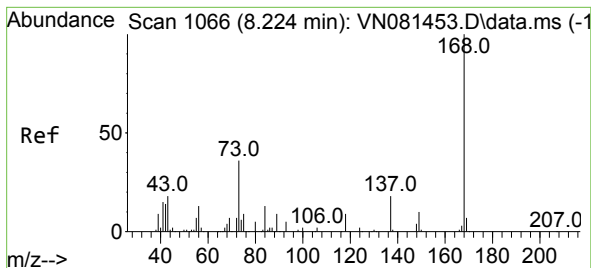
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031924\
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QLast Update : Tue Mar 19 06:00:00 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: VN081463.D

Acq: 19 Mar 2024 12:02

Instrument :

MSVOA_N

ClientSampleId :

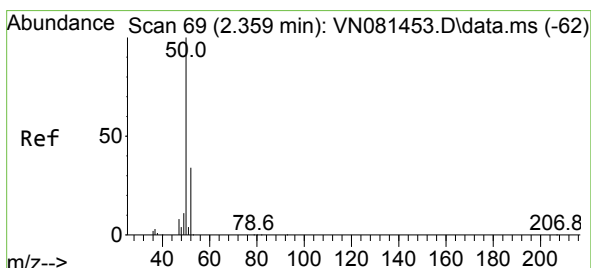
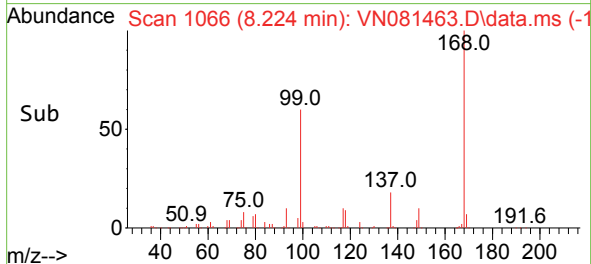
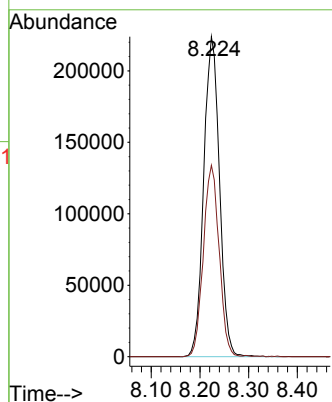
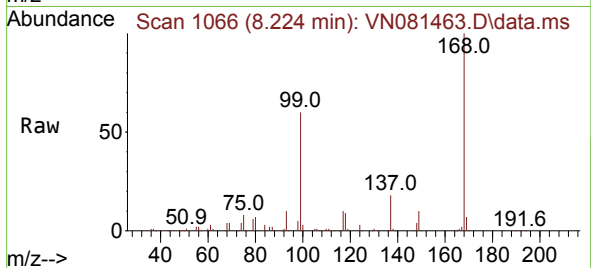
VN0319WBL01

Tgt Ion:168 Resp: 503377

Ion Ratio Lower Upper

168 100

99 59.8 59.9 89.9#



#3

Chloromethane

Concen: 0.256 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN081463.D

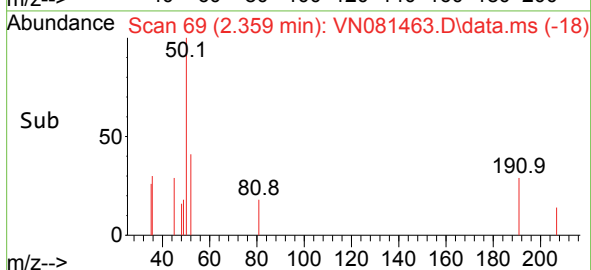
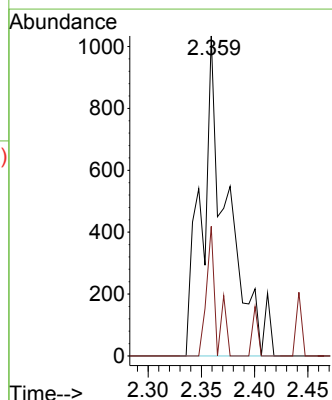
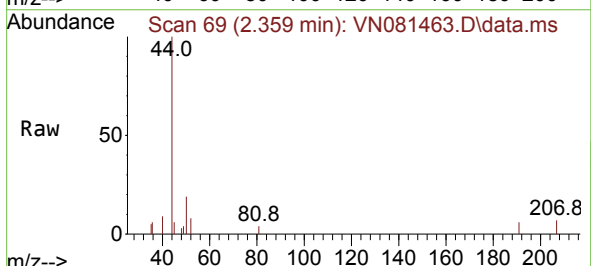
Acq: 19 Mar 2024 12:02

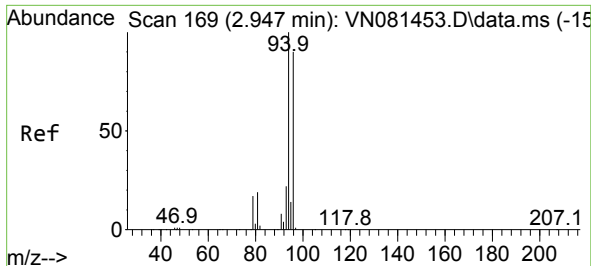
Tgt Ion: 50 Resp: 1728

Ion Ratio Lower Upper

50 100

52 40.5 25.0 37.4#

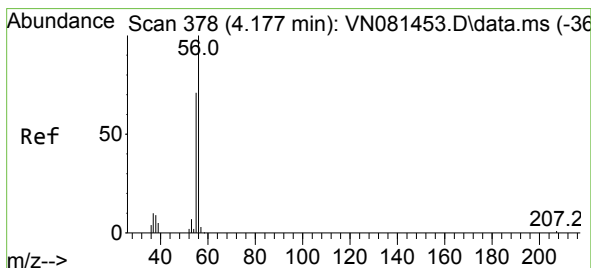
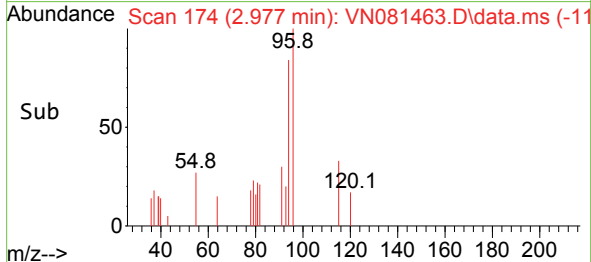
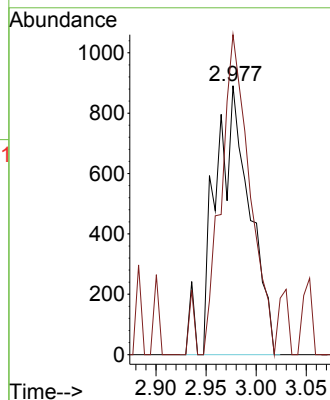
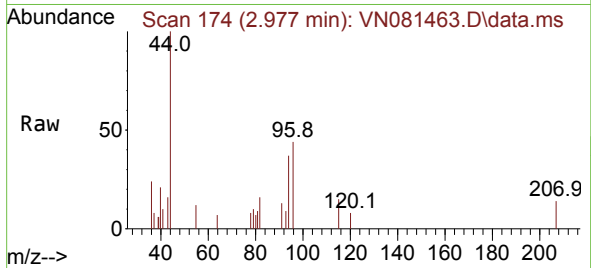




#5
Bromomethane
Concen: 0.401 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN081463.D
Acq: 19 Mar 2024 12:02

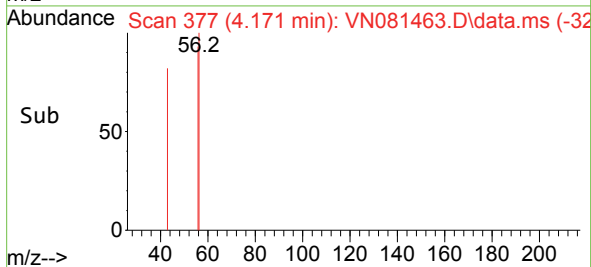
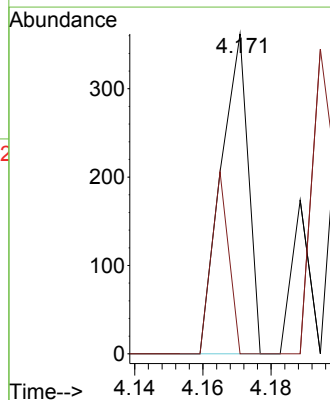
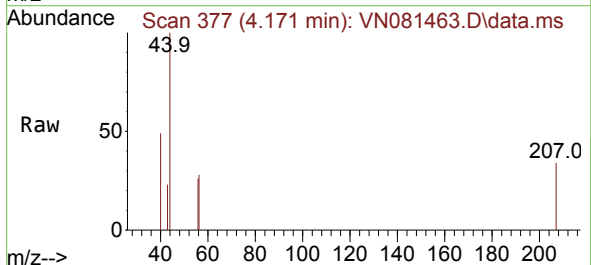
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBL01

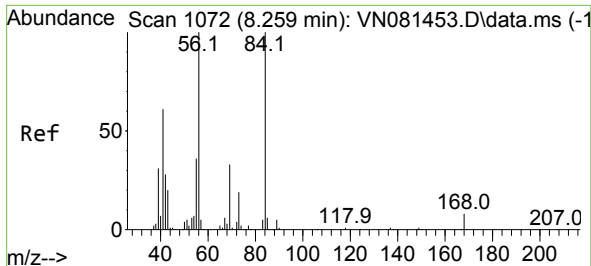
Tgt Ion: 94 Resp: 2148
Ion Ratio Lower Upper
94 100
96 119.0 69.2 103.8#



#13
Acrolein
Concen: 0.200 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN081463.D
Acq: 19 Mar 2024 12:02

Tgt Ion: 56 Resp: 201
Ion Ratio Lower Upper
56 100
55 36.3 55.3 82.9#

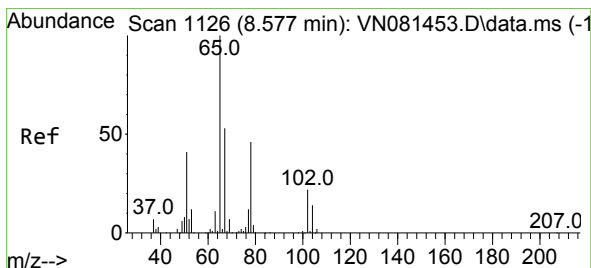
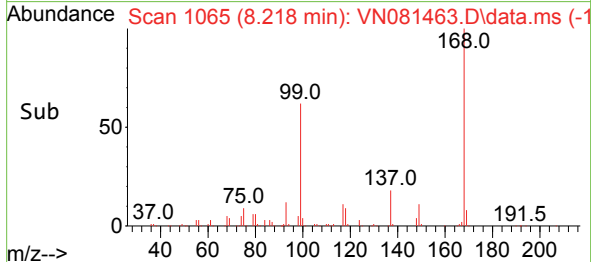
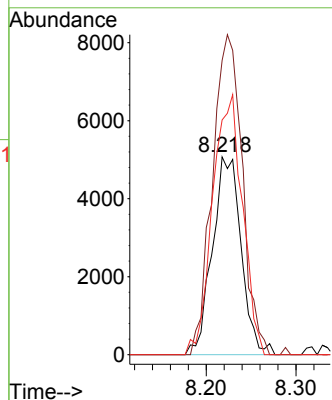
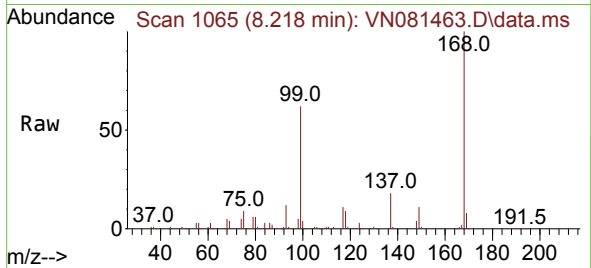




#31
Cyclohexane
Concen: 1.081 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN081463.D
Acq: 19 Mar 2024 12:02

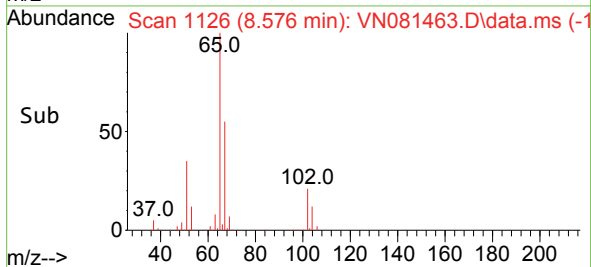
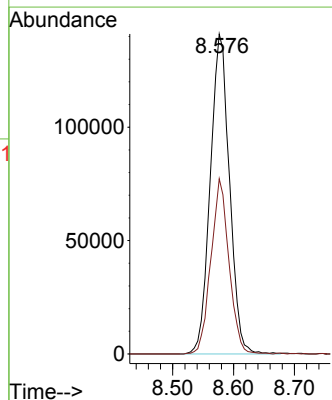
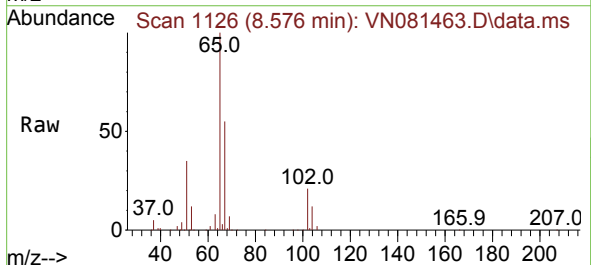
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBL01

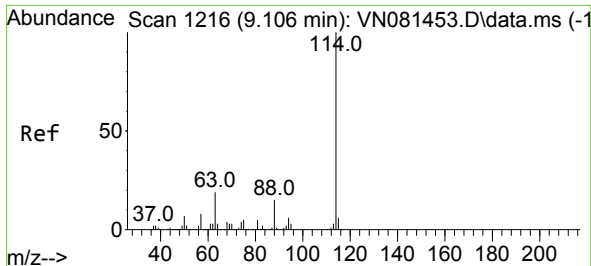
Tgt Ion: 56 Resp: 11297
Ion Ratio Lower Upper
56 100
69 148.8 20.1 30.1#
84 118.7 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 48.121 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081463.D
Acq: 19 Mar 2024 12:02

Tgt Ion: 65 Resp: 308910
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.4

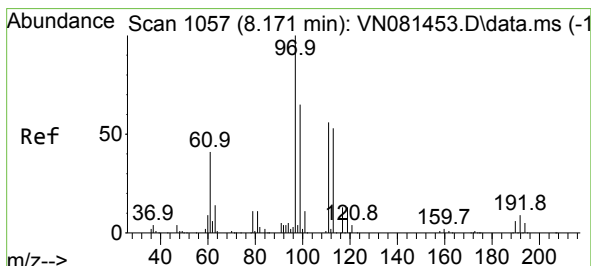
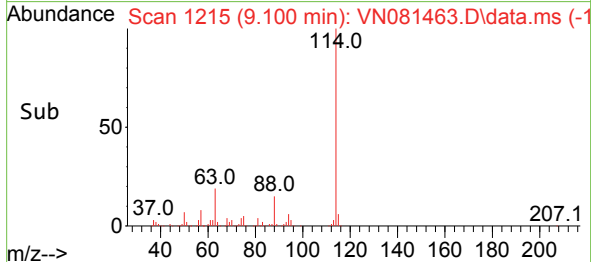
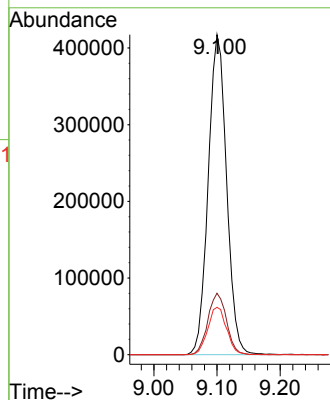
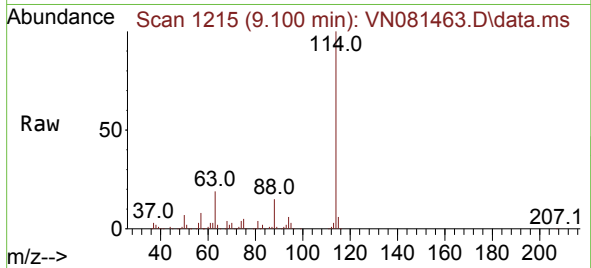




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081463.D
Acq: 19 Mar 2024 12:02

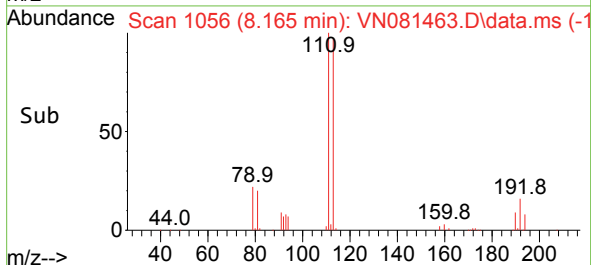
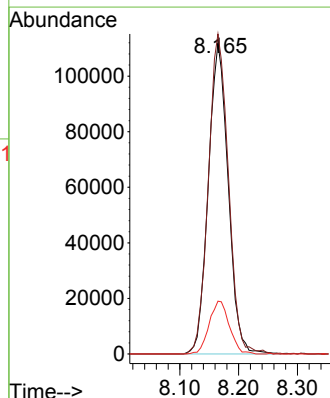
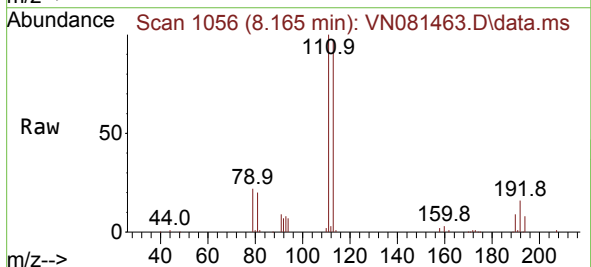
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBL01

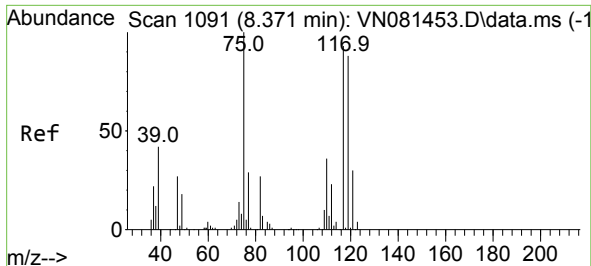
Tgt Ion:114 Resp: 843736
Ion Ratio Lower Upper
114 100
63 19.2 0.0 48.0
88 14.8 0.0 34.8



#35
Dibromofluoromethane
Concen: 49.369 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081463.D
Acq: 19 Mar 2024 12:02

Tgt Ion:113 Resp: 262882
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 17.3 12.5 18.7

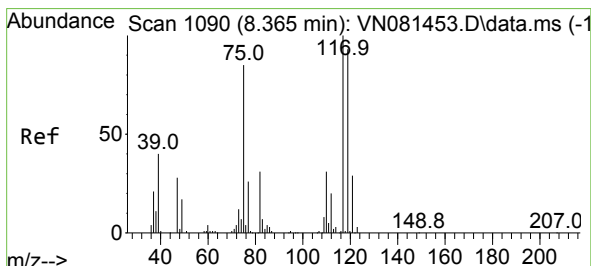
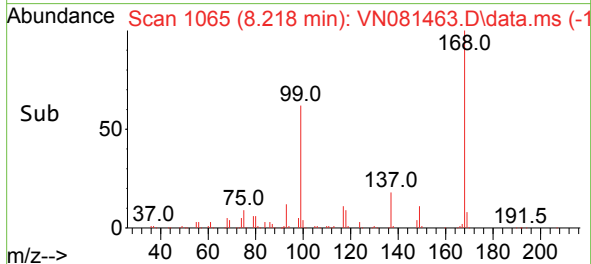
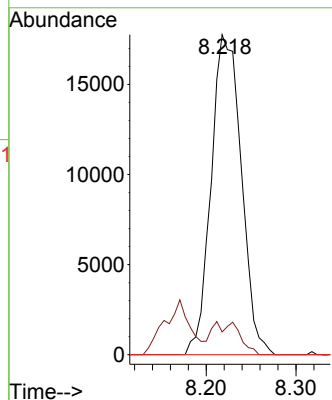
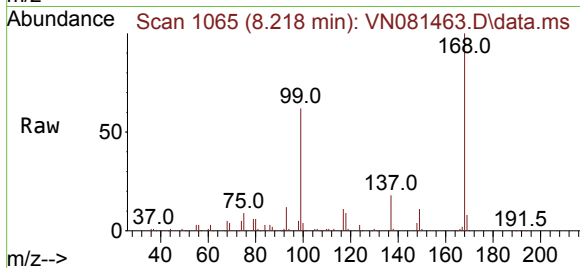




#36
 1,1-Dichloropropene
 Concen: 4.629 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.153 min
 Lab File: VN081463.D
 Acq: 19 Mar 2024 12:02

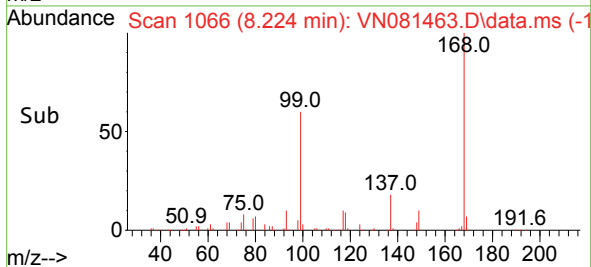
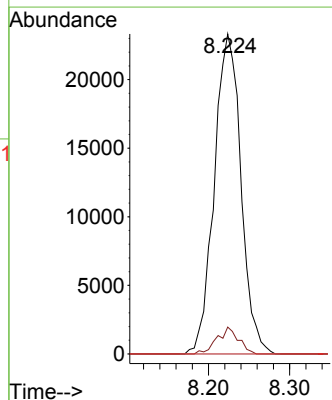
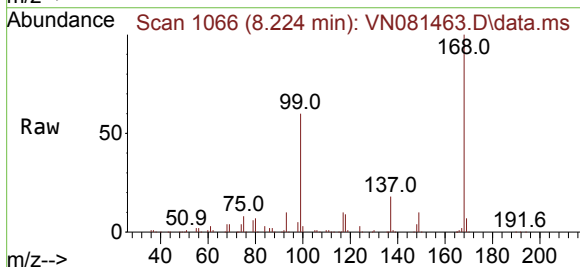
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBL01

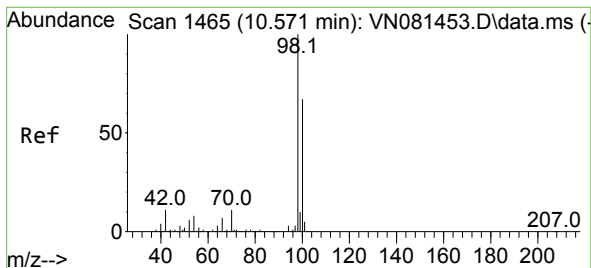
Tgt Ion: 75 Resp: 41485
 Ion Ratio Lower Upper
 75 100
 110 2.0 16.0 48.0#
 77 0.0 25.8 38.6#



#38
 Carbon Tetrachloride
 Concen: 5.423 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.141 min
 Lab File: VN081463.D
 Acq: 19 Mar 2024 12:02

Tgt Ion: 117 Resp: 53239
 Ion Ratio Lower Upper
 117 100
 119 8.4 73.4 110.2#
 121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 51.837 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081463.D

Acq: 19 Mar 2024 12:02

Instrument :

MSVOA_N

ClientSampleId :

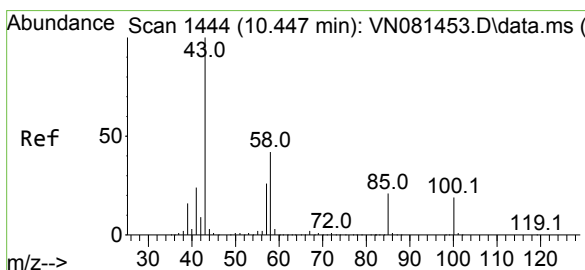
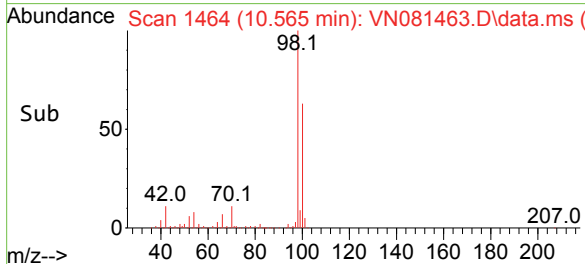
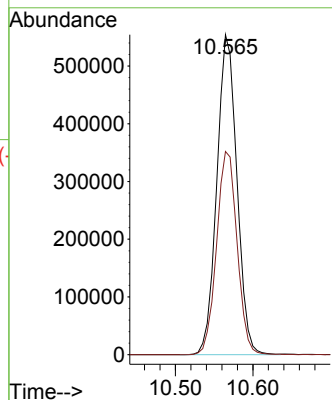
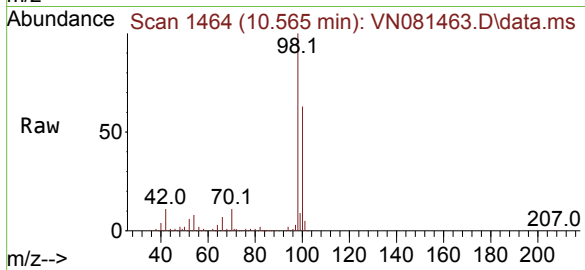
VN0319WBL01

Tgt Ion: 98 Resp: 997790

Ion Ratio Lower Upper

98 100

100 64.9 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 0.517 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.123 min

Lab File: VN081463.D

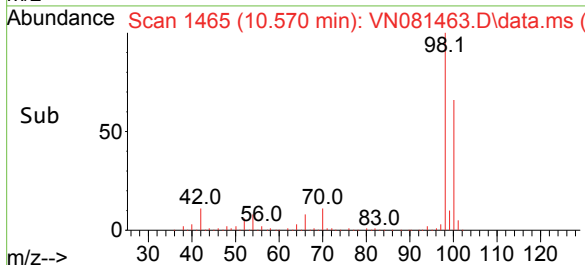
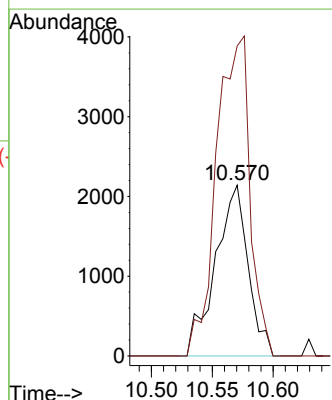
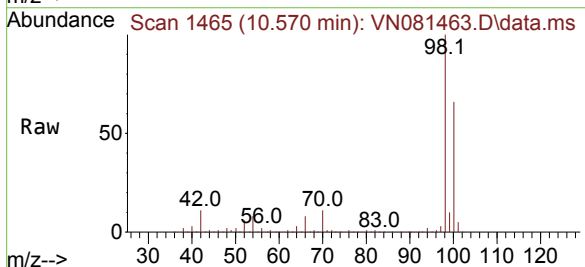
Acq: 19 Mar 2024 12:02

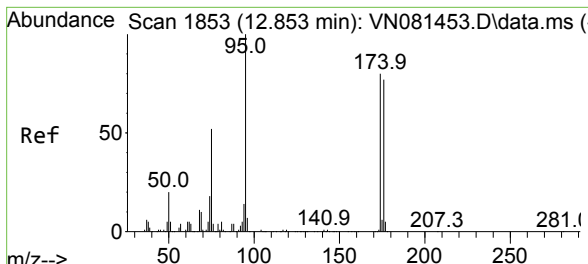
Tgt Ion: 43 Resp: 4009

Ion Ratio Lower Upper

43 100

58 191.2 29.4 44.0#

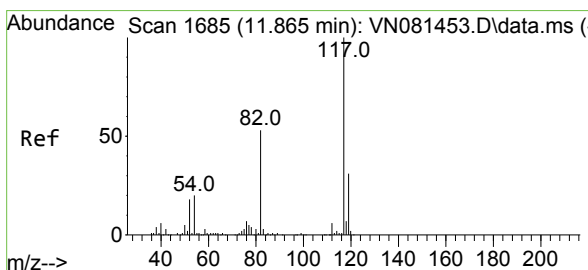
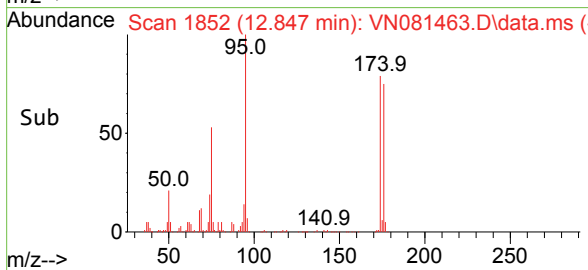
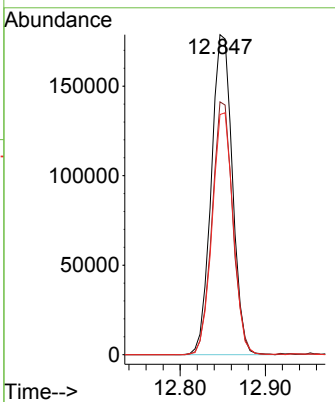
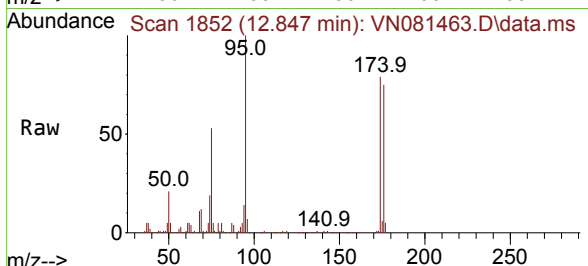




#62
 4-Bromofluorobenzene
 Concen: 45.384 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: VN081463.D
 Acq: 19 Mar 2024 12:02

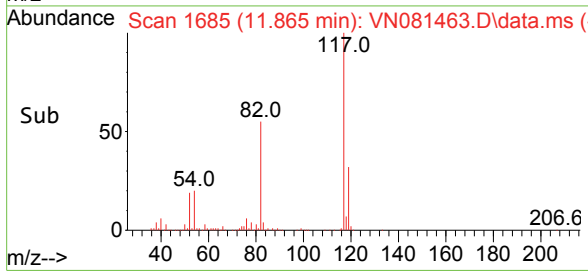
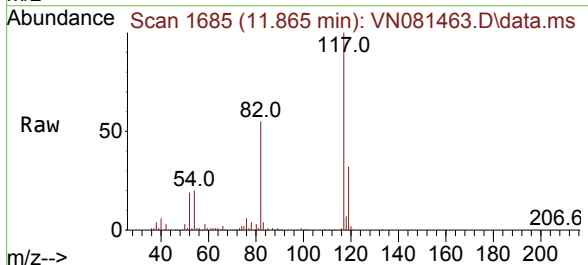
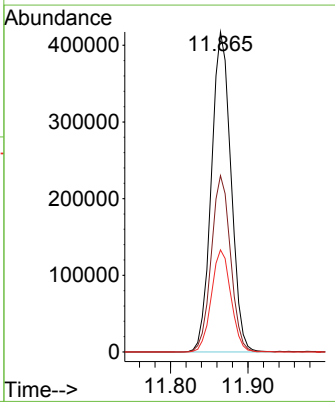
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBL01

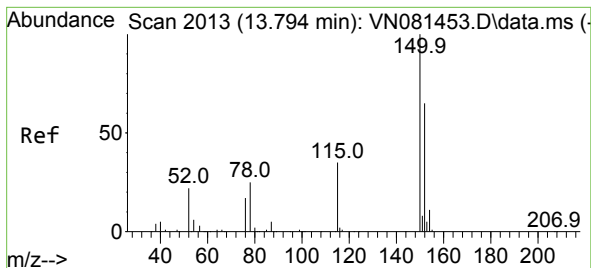
Tgt Ion:	95	Resp:	307815
Ion	Ratio	Lower	Upper
95	100		
174	77.5	0.0	120.4
176	75.2	0.0	121.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: VN081463.D
 Acq: 19 Mar 2024 12:02

Tgt Ion:	117	Resp:	732616
Ion	Ratio	Lower	Upper
117	100		
82	55.1	52.7	79.1
119	31.9	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: VN081463.D

Acq: 19 Mar 2024 12:02

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBL01

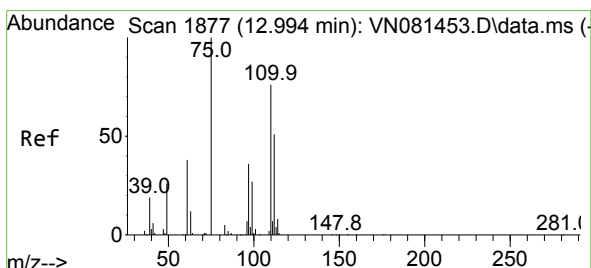
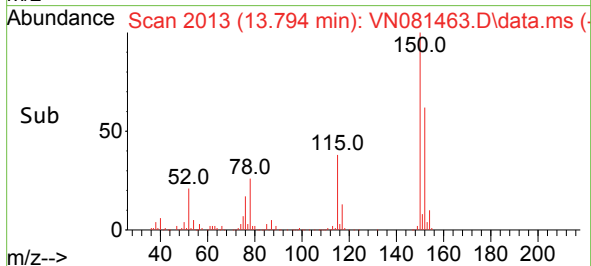
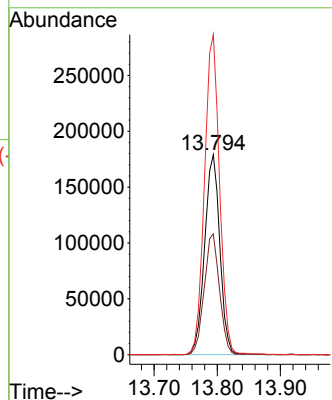
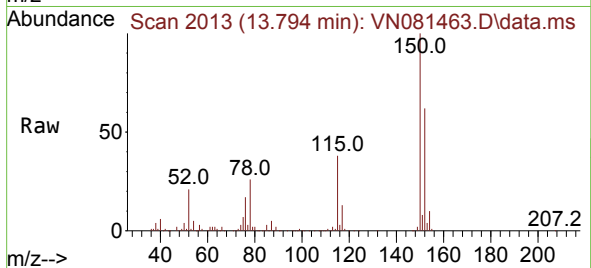
Tgt Ion:152 Resp: 299755

Ion Ratio Lower Upper

152 100

115 60.7 32.3 96.8

150 158.5 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 23.163 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN081463.D

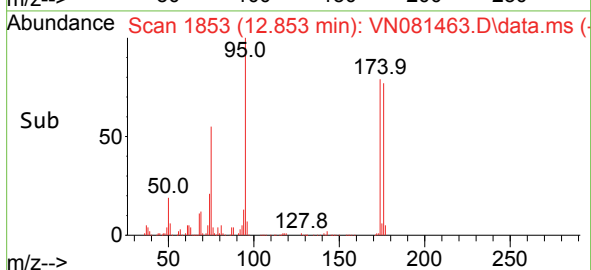
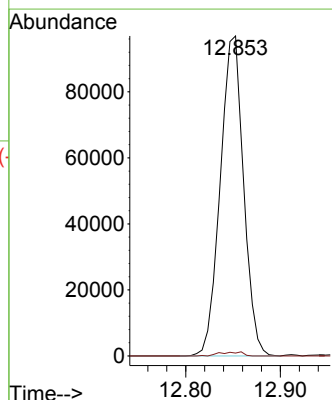
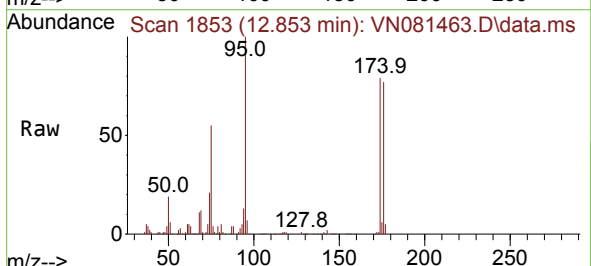
Acq: 19 Mar 2024 12:02

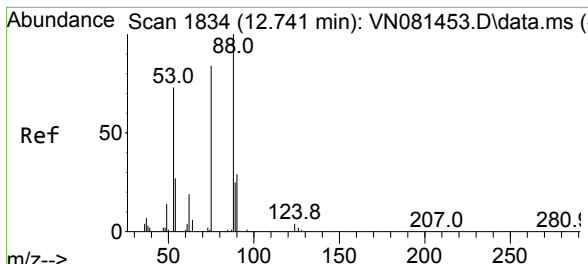
Tgt Ion: 75 Resp: 166087

Ion Ratio Lower Upper

75 100

77 1.2 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.595 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN081463.D
 Acq: 19 Mar 2024 12:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBL01

Tgt Ion: 75 Resp: 166087

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

