

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040224\
 Data File : VN081650.D
 Acq On : 02 Apr 2024 12:26
 Operator : JC\MD
 Sample : VN0402WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0402WBL01

Quant Time: Apr 03 01:31:25 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)

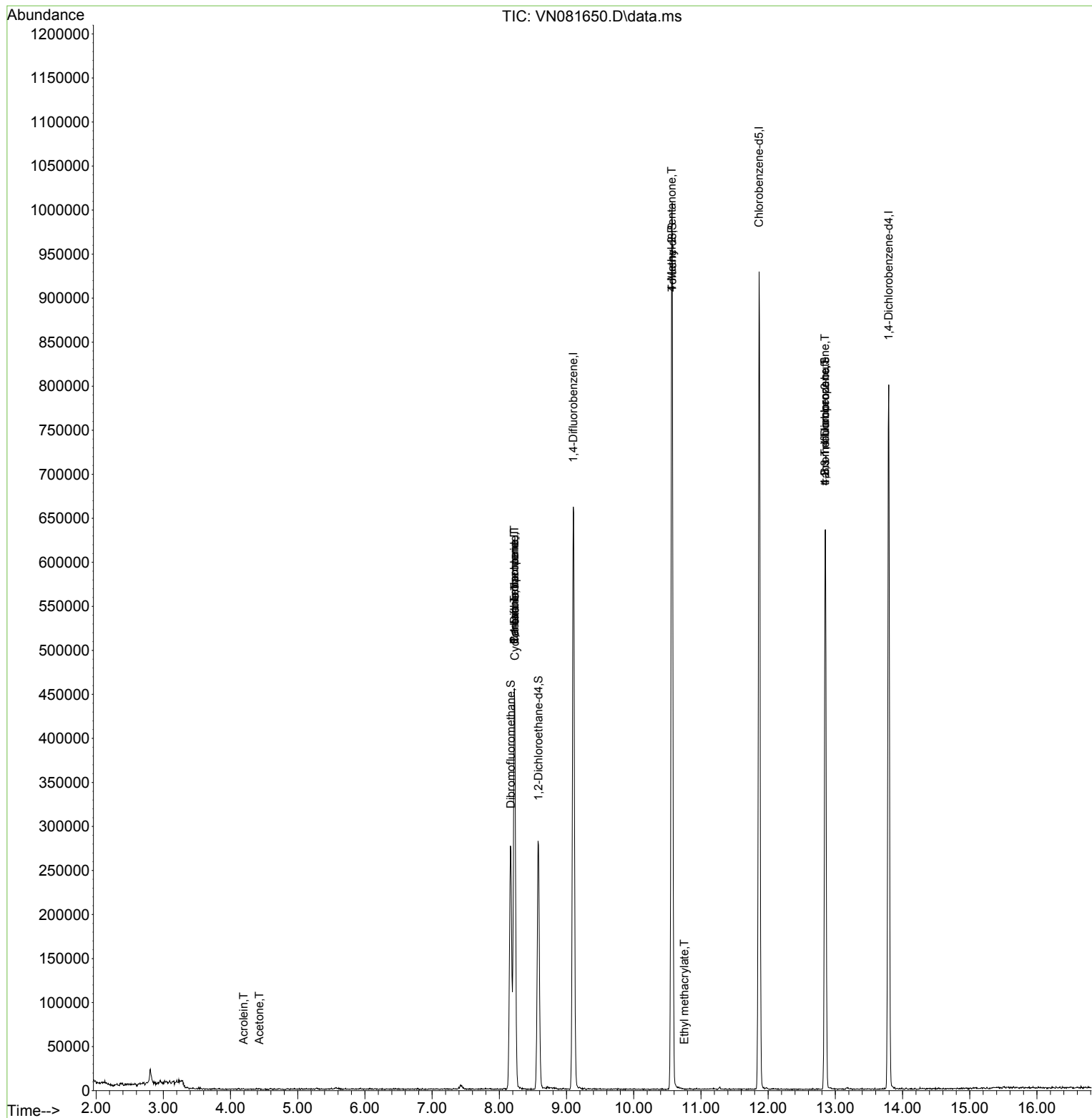
Internal Standards						
1) Pentafluorobenzene	8.224	168	318617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	596075	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	541101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	215284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	228661	56.276	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.560%	
35) Dibromofluoromethane	8.171	113	196446	52.221	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.440%	
50) Toluene-d8	10.571	98	709907	52.204	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.400%	
62) 4-Bromofluorobenzene	12.847	95	223278	46.598	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 93.200%	
Target Compounds						
					Qvalue	
13) Acrolein	4.195	56	130	0.205	ug/l #	15
16) Acetone	4.430	43	434	0.331	ug/l #	44
31) Cyclohexane	8.230	56	8075	1.221	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	28667	4.528	ug/l #	54
38) Carbon Tetrachloride	8.224	117	34966	5.042	ug/l #	16
51) 4-Methyl-2-Pentanone	10.565	43	2739	0.500	ug/l #	1
56) Ethyl methacrylate	10.753	69	59	0.579	ug/l #	44
76) 1,2,3-Trichloropropane	12.847	75	119455	23.197	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	119455	62.685	ug/l #	14

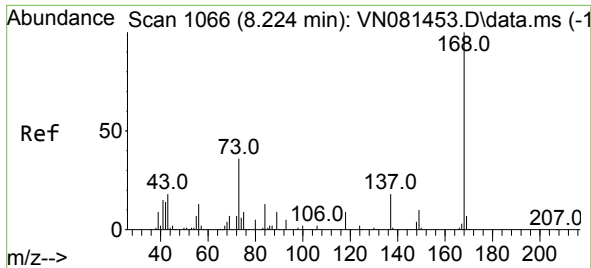
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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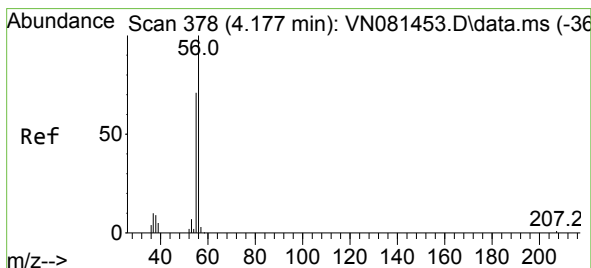
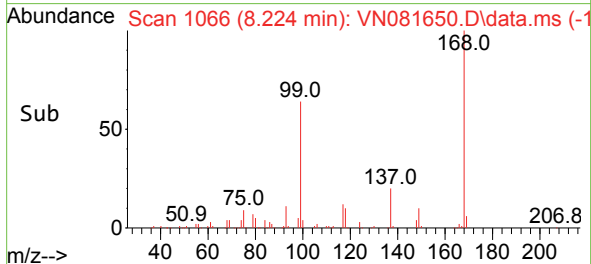
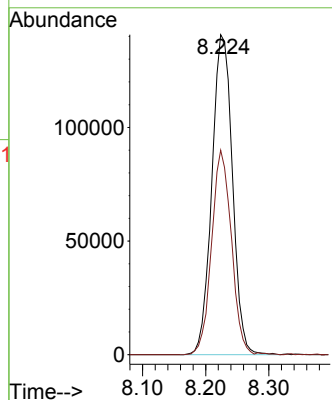
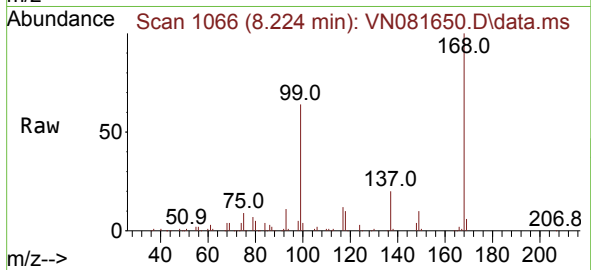




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081650.D
Acq: 02 Apr 2024 12:26

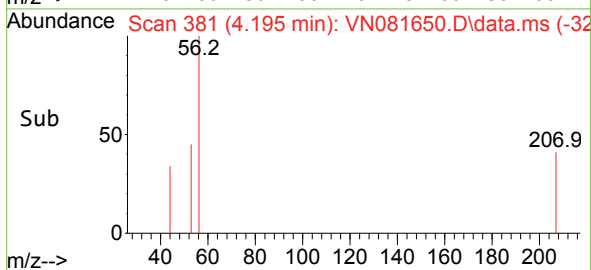
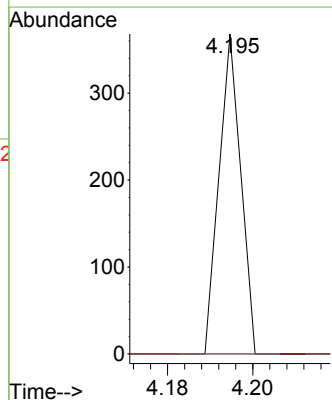
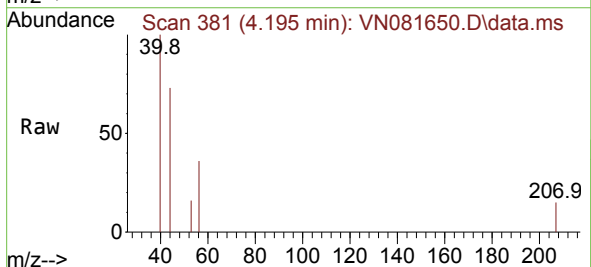
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBL01

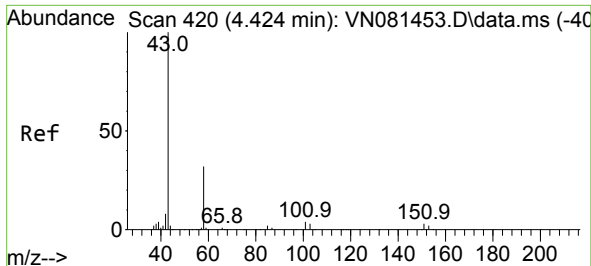
Tgt Ion:168 Resp: 318617
Ion Ratio Lower Upper
168 100
99 63.9 59.9 89.9



#13
Acrolein
Concen: 0.205 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.018 min
Lab File: VN081650.D
Acq: 02 Apr 2024 12:26

Tgt Ion: 56 Resp: 130
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#

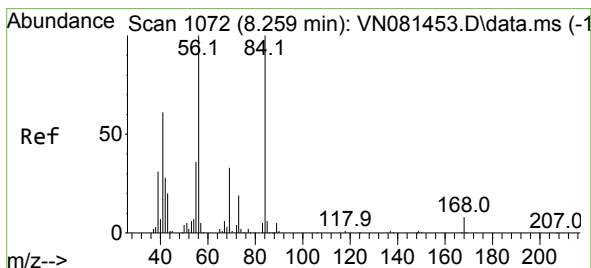
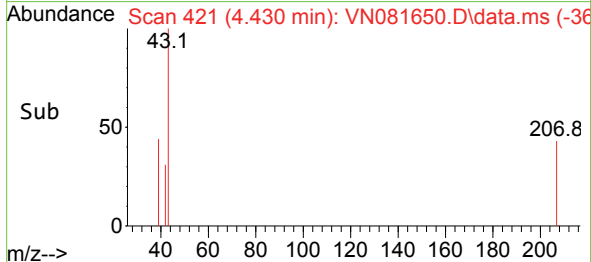
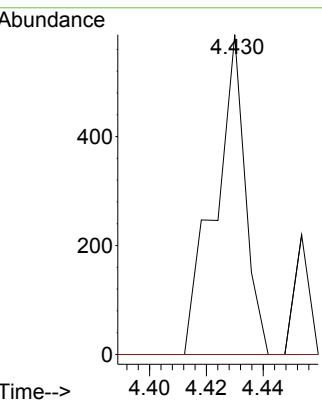
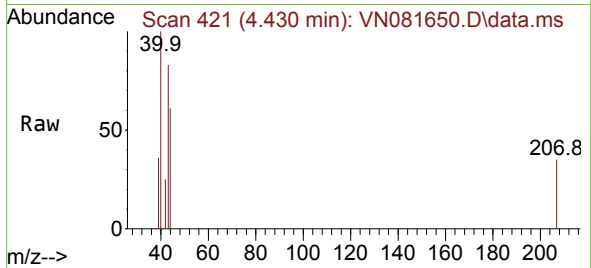




#16
Acetone
Concen: 0.331 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081650.D
Acq: 02 Apr 2024 12:26

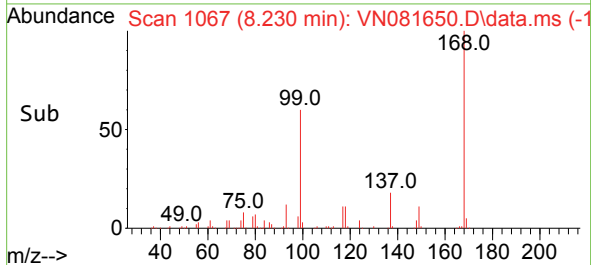
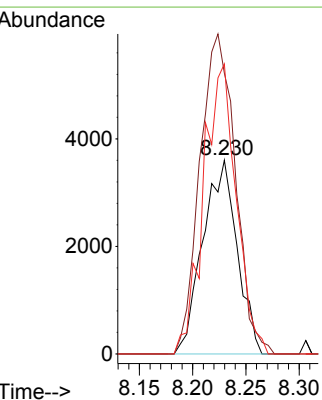
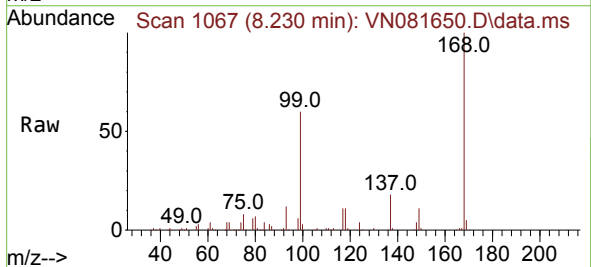
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBL01

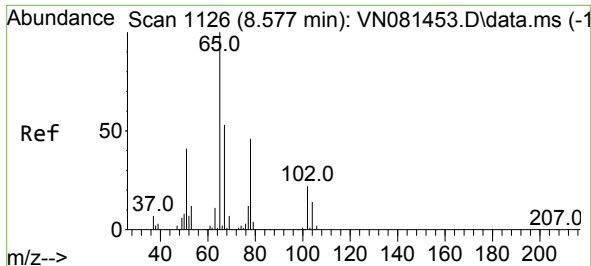
Tgt Ion: 43 Resp: 434
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#



#31
Cyclohexane
Concen: 1.221 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081650.D
Acq: 02 Apr 2024 12:26

Tgt Ion: 56 Resp: 8075
Ion Ratio Lower Upper
56 100
69 145.0 20.1 30.1#
84 149.8 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 56.276 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081650.D

Acq: 02 Apr 2024 12:26

Instrument :

MSVOA_N

ClientSampleId :

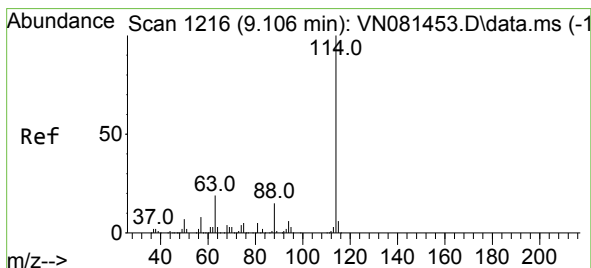
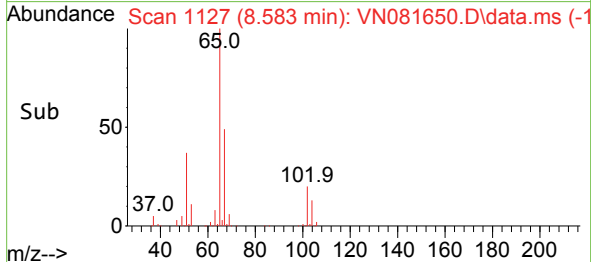
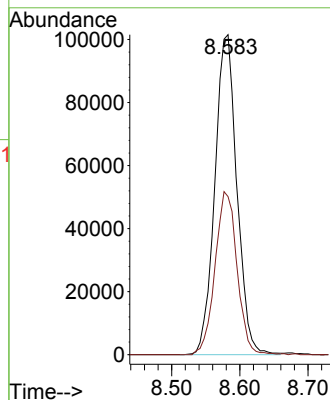
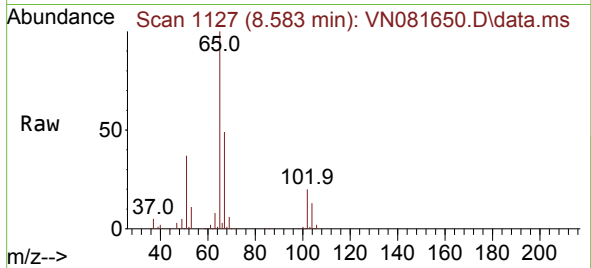
VN0402WBL01

Tgt Ion: 65 Resp: 228661

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081650.D

Acq: 02 Apr 2024 12:26

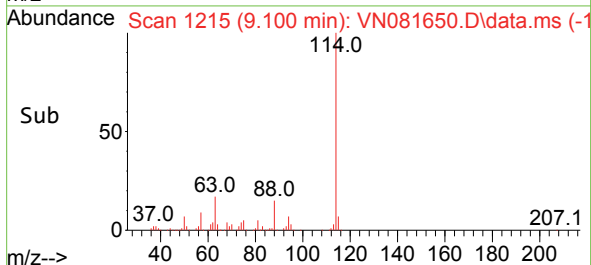
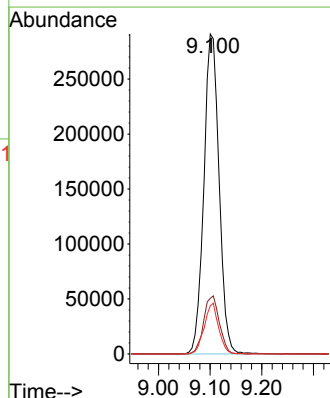
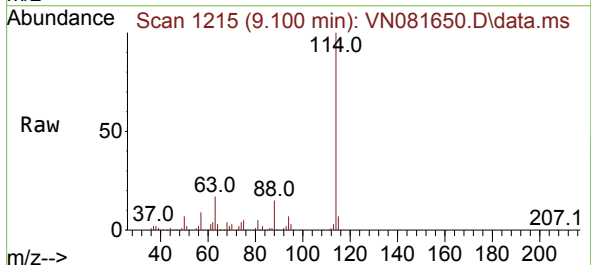
Tgt Ion: 114 Resp: 596075

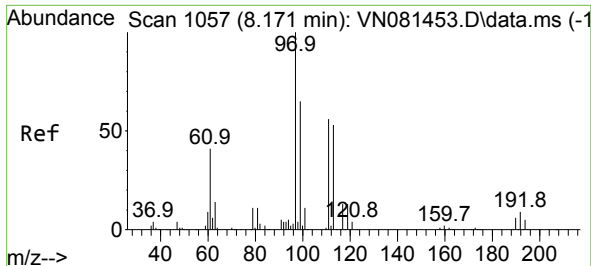
Ion Ratio Lower Upper

114 100

63 17.4 0.0 48.0

88 15.0 0.0 34.8

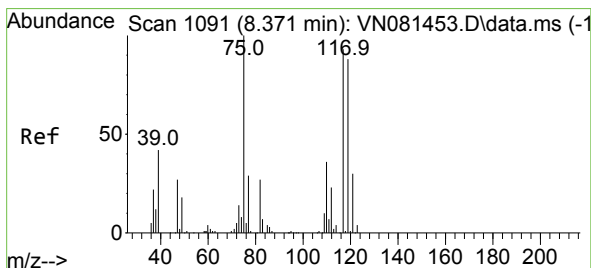
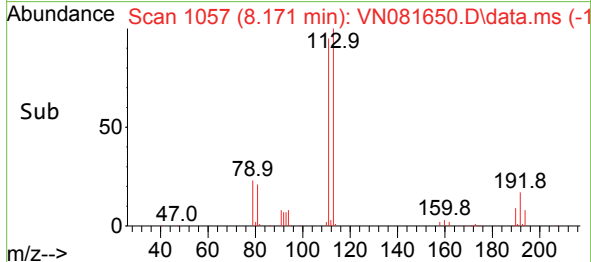
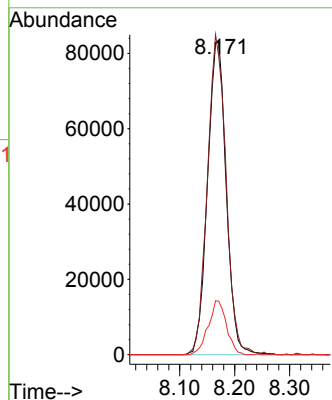
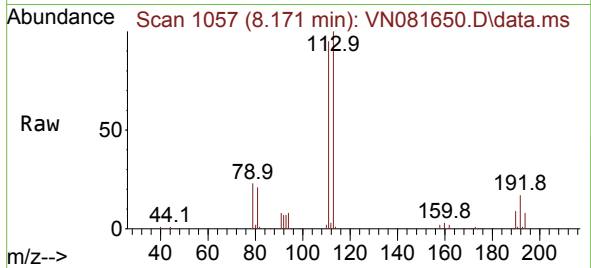




#35
 Dibromofluoromethane
 Concen: 52.221 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: VN081650.D
 Acq: 02 Apr 2024 12:26

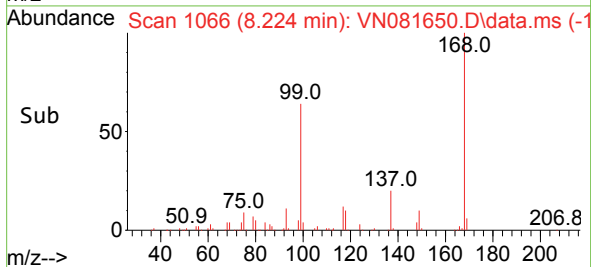
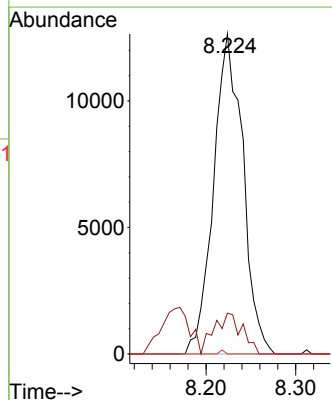
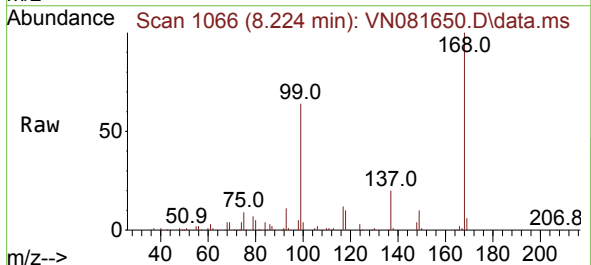
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0402WBL01

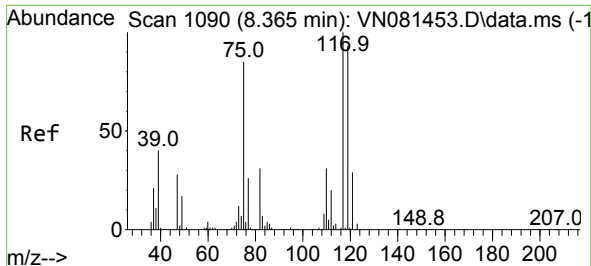
Tgt Ion:113 Resp: 196446
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.2 123.4
 192 16.8 12.5 18.7



#36
 1,1-Dichloropropene
 Concen: 4.528 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN081650.D
 Acq: 02 Apr 2024 12:26

Tgt Ion: 75 Resp: 28667
 Ion Ratio Lower Upper
 75 100
 110 12.2 16.0 48.0#
 77 0.2 25.8 38.6#

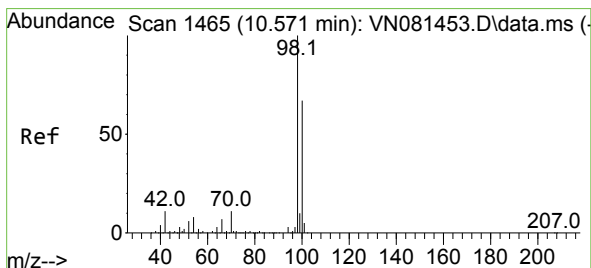
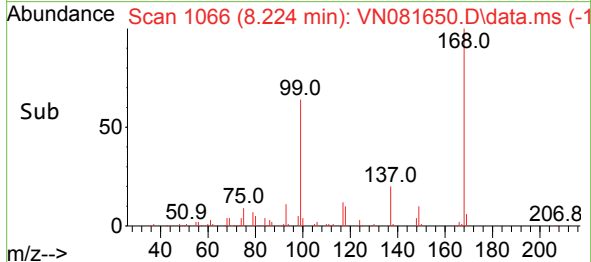
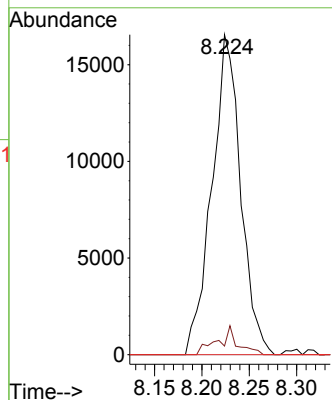
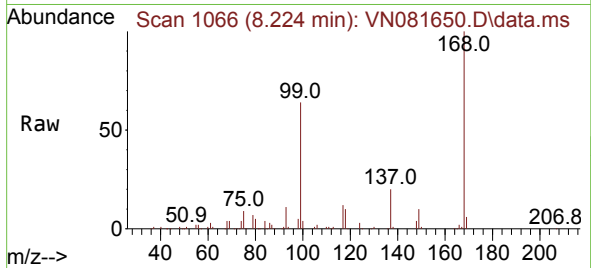




#38
Carbon Tetrachloride
Concen: 5.042 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081650.D
Acq: 02 Apr 2024 12:26

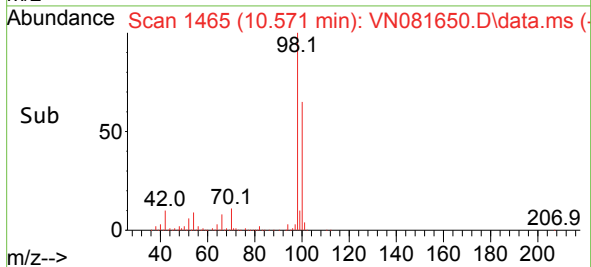
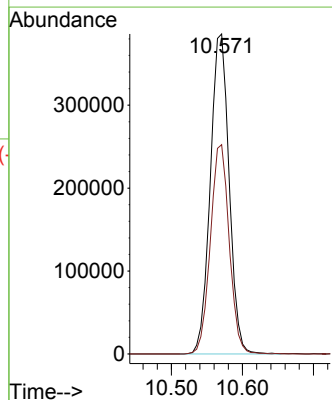
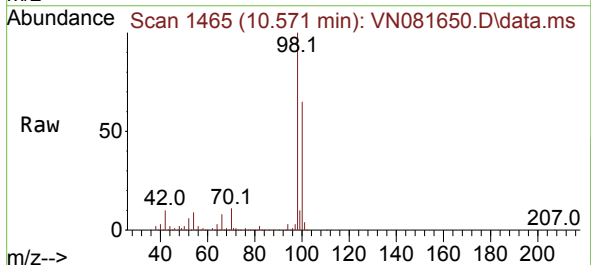
Instrument :
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ClientSampleId :
VN0402WBL01

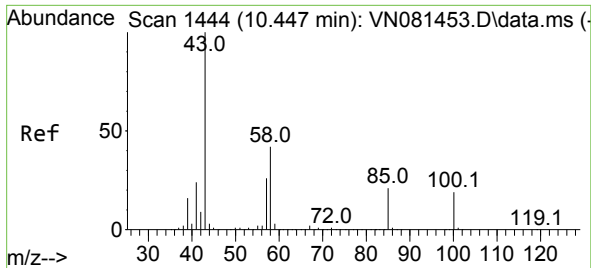
Tgt Ion:117 Resp: 34966
Ion Ratio Lower Upper
117 100
119 2.7 73.4 110.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 52.204 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081650.D
Acq: 02 Apr 2024 12:26

Tgt Ion: 98 Resp: 709907
Ion Ratio Lower Upper
98 100
100 65.5 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 0.500 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.118 min

Lab File: VN081650.D

Acq: 02 Apr 2024 12:26

Instrument :

MSVOA_N

ClientSampleId :

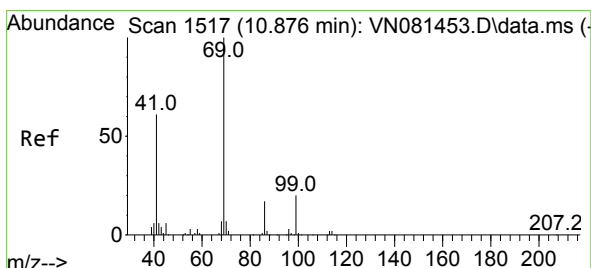
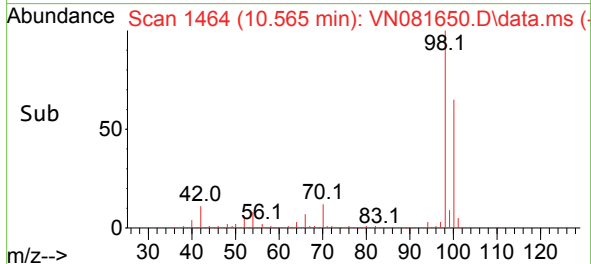
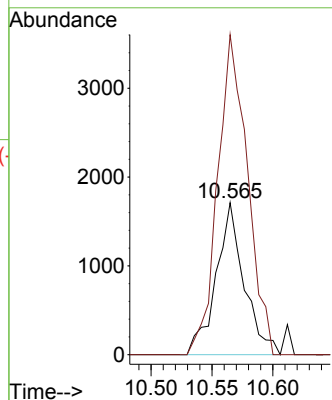
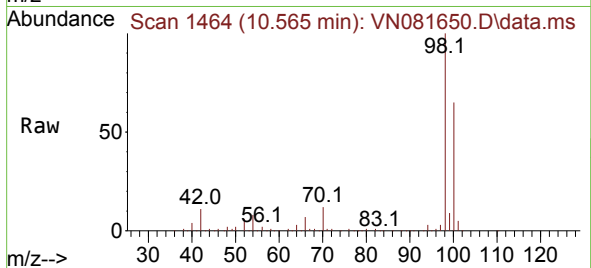
VN0402WBL01

Tgt Ion: 43 Resp: 2739

Ion Ratio Lower Upper

43 100

58 224.8 29.4 44.0#



#56

Ethyl methacrylate

Concen: 0.579 ug/l

RT: 10.753 min Scan# 1496

Delta R.T. -0.123 min

Lab File: VN081650.D

Acq: 02 Apr 2024 12:26

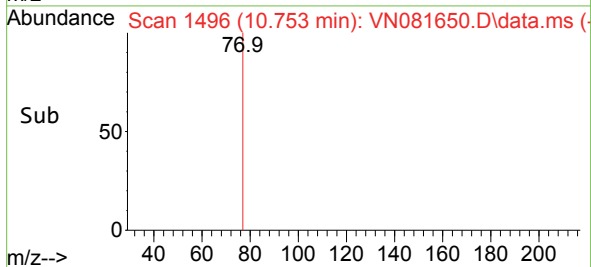
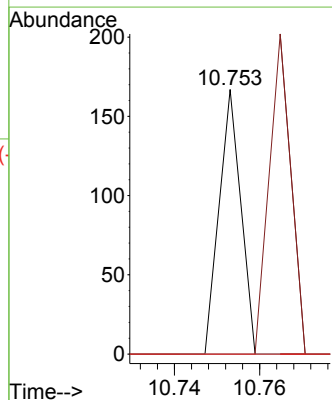
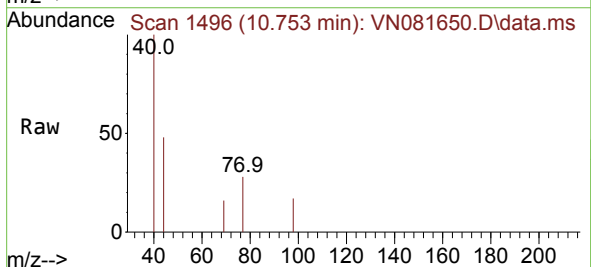
Tgt Ion: 69 Resp: 59

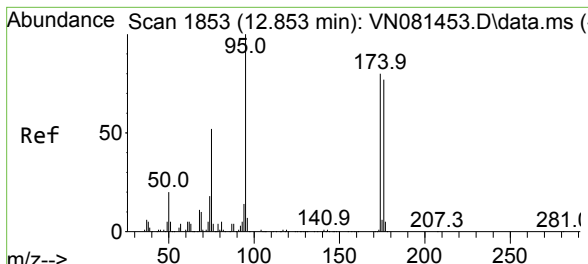
Ion Ratio Lower Upper

69 100

41 120.3 61.0 91.6#

39 0.0 31.8 47.6#



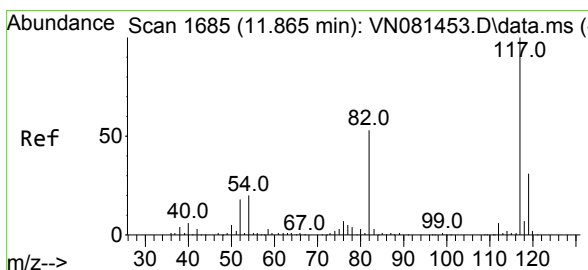
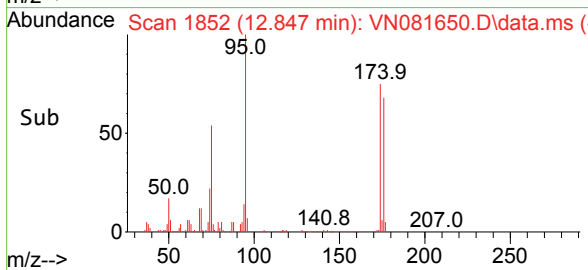
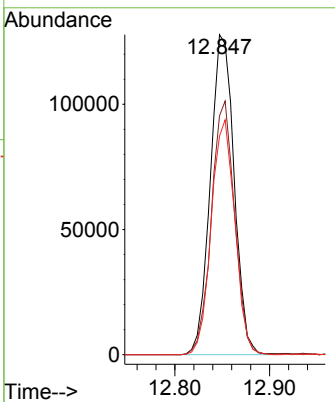
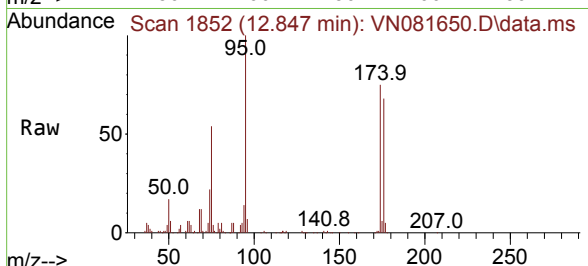


#62
 4-Bromofluorobenzene
 Concen: 46.598 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: VN081650.D
 Acq: 02 Apr 2024 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0402WBL01

Tgt Ion: 95 Resp: 223278

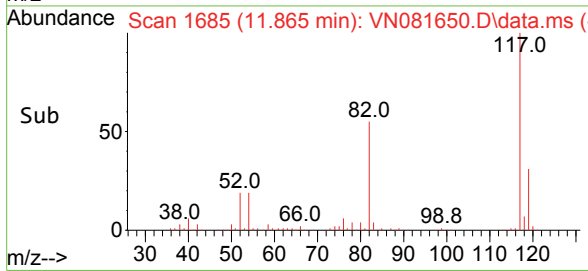
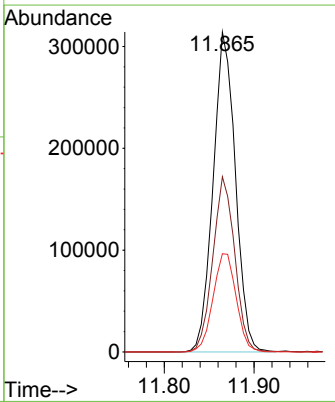
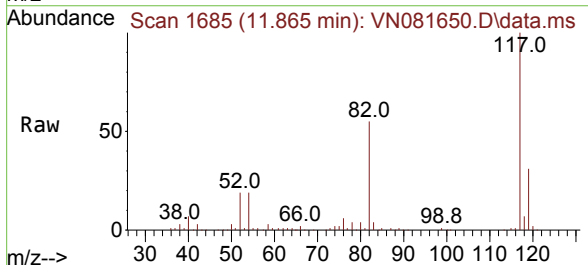
Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	120.4
176	72.8	0.0	121.0

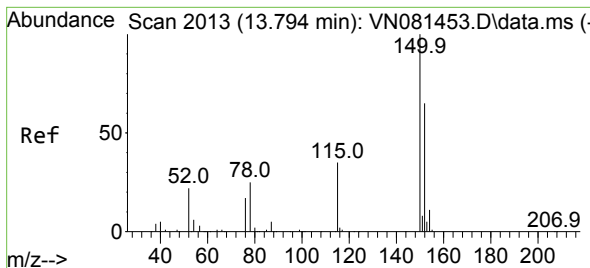


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN081650.D
 Acq: 02 Apr 2024 12:26

Tgt Ion: 117 Resp: 541101

Ion	Ratio	Lower	Upper
117	100		
82	54.7	52.7	79.1
119	30.7	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: VN081650.D

Acq: 02 Apr 2024 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0402WBL01

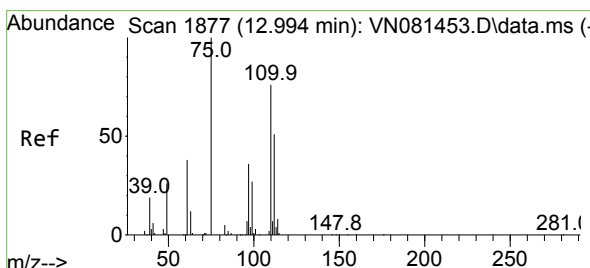
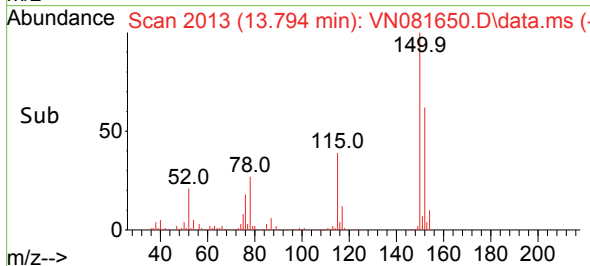
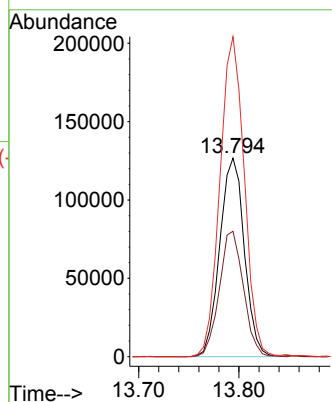
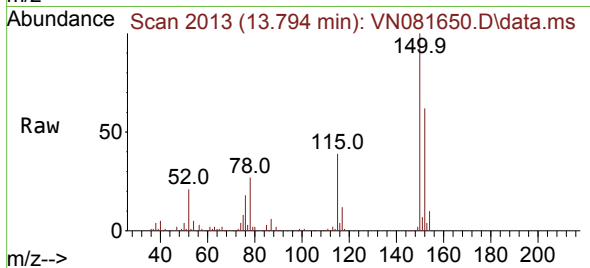
Tgt Ion:152 Resp: 215284

Ion Ratio Lower Upper

152 100

115 62.0 32.3 96.8

150 159.5 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 23.197 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN081650.D

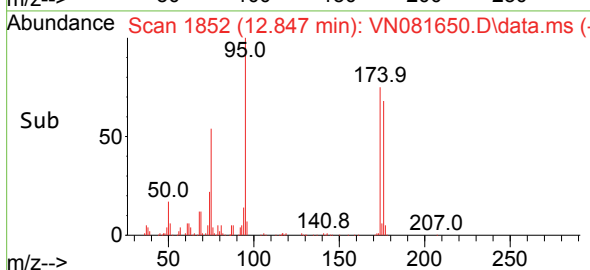
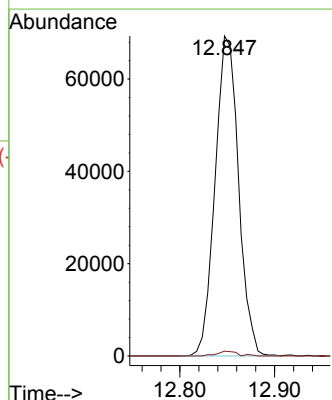
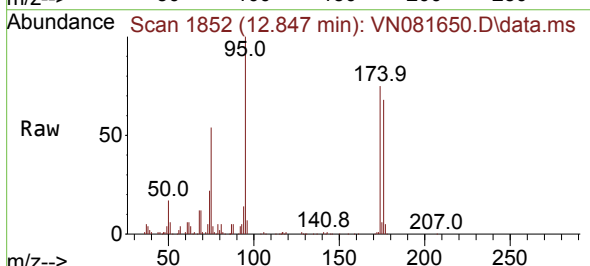
Acq: 02 Apr 2024 12:26

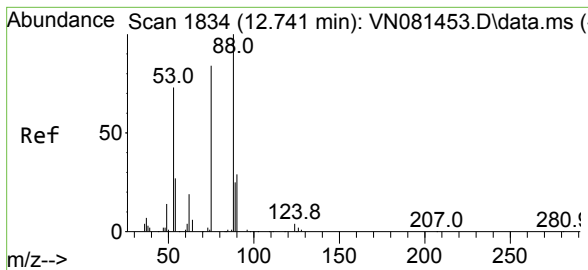
Tgt Ion: 75 Resp: 119455

Ion Ratio Lower Upper

75 100

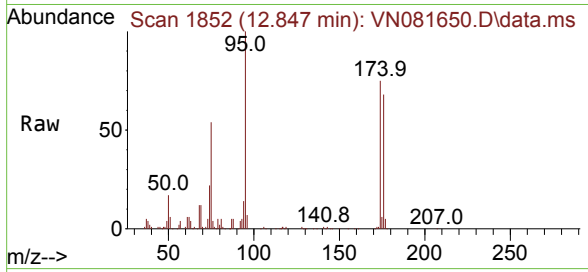
77 1.3 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.685 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN081650.D
 Acq: 02 Apr 2024 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0402WBL01



Tgt Ion: 75 Resp: 119455
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.0 33.4 50.0#

