

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040224\
 Data File : VN081649.D
 Acq On : 02 Apr 2024 12:02
 Operator : JC\MD
 Sample : VN0402MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0402MBL01

Quant Time: Apr 03 01:31:06 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)

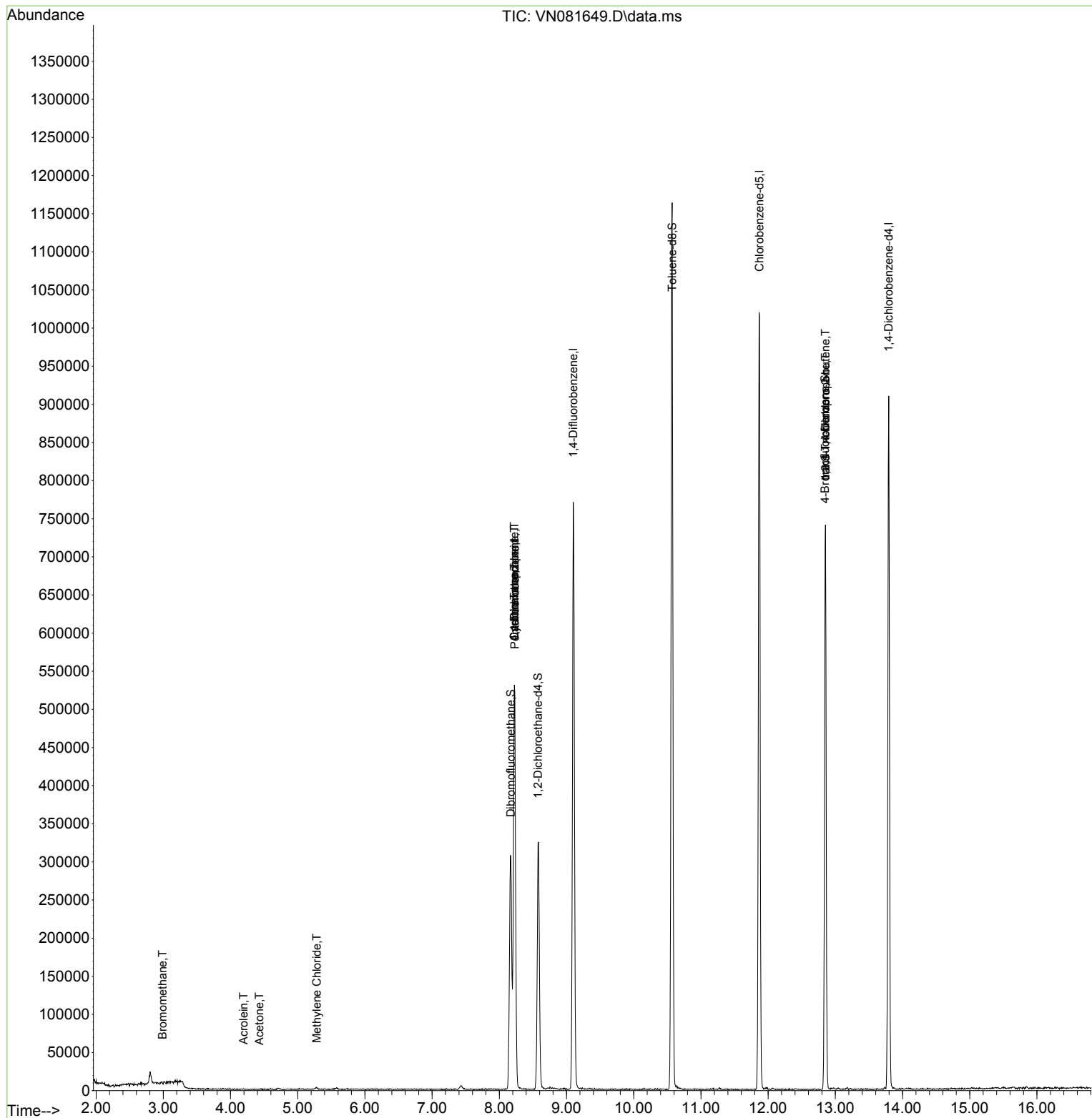
Internal Standards						
1) Pentafluorobenzene	8.230	168	383139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	680053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	622216	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	243125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	260030	53.219	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 106.440%		
35) Dibromofluoromethane	8.171	113	225954	52.647	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 105.300%		
50) Toluene-d8	10.571	98	826137	53.250	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 106.500%		
62) 4-Bromofluorobenzene	12.847	95	254717	46.594	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery	= 93.180%		
Target Compounds						Qvalue
5) Bromomethane	2.989	94	1624	0.398	ug/l #	52
13) Acrolein	4.195	56	324	0.424	ug/l #	53
16) Acetone	4.430	43	351	0.222	ug/l #	44
20) Methylene Chloride	5.283	84	1793	0.347	ug/l #	85
31) Cyclohexane	8.224	56	7827	0.984	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	32856	4.549	ug/l #	51
38) Carbon Tetrachloride	8.224	117	42256	5.341	ug/l #	18
76) 1,2,3-Trichloropropane	12.853	75	132568	22.795	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	132568	61.599	ug/l #	14

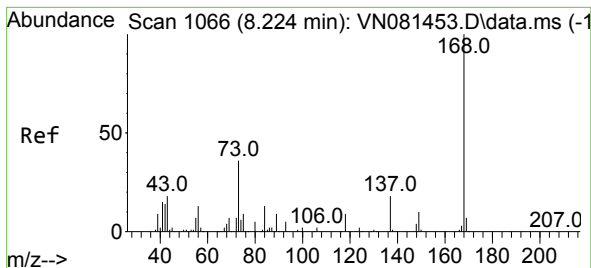
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081649.D

Acq: 02 Apr 2024 12:02

Instrument :

MSVOA_N

ClientSampleId :

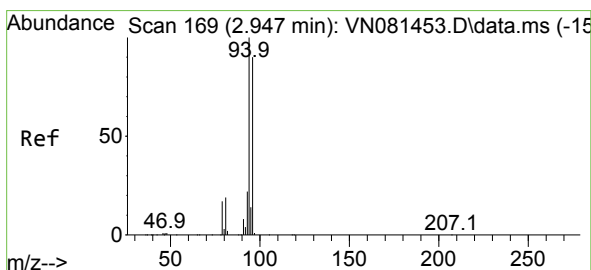
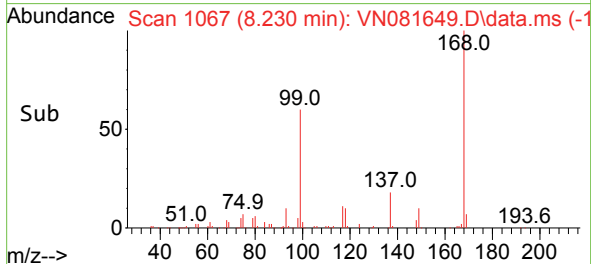
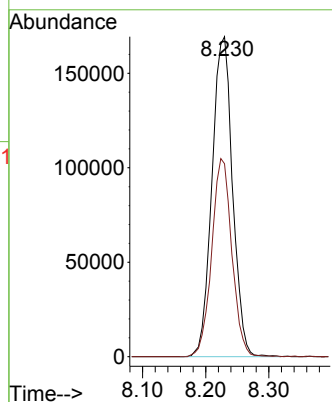
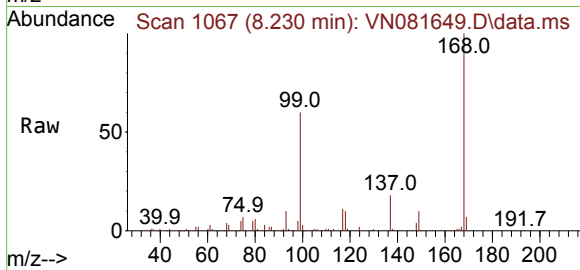
VN0402MBL01

Tgt Ion:168 Resp: 383139

Ion Ratio Lower Upper

168 100

99 60.3 59.9 89.9



#5

Bromomethane

Concen: 0.398 ug/l

RT: 2.989 min Scan# 176

Delta R.T. 0.041 min

Lab File: VN081649.D

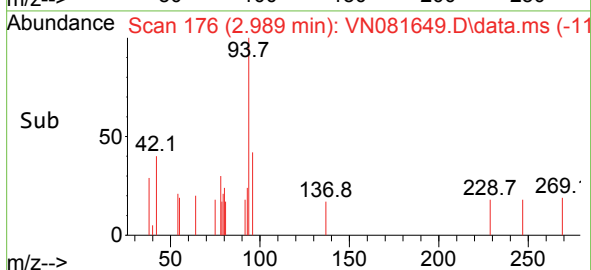
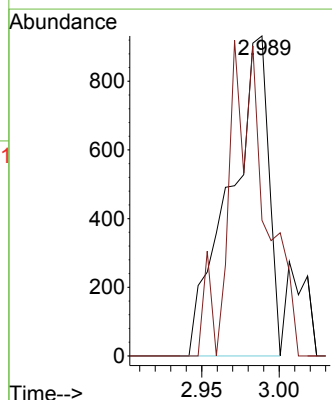
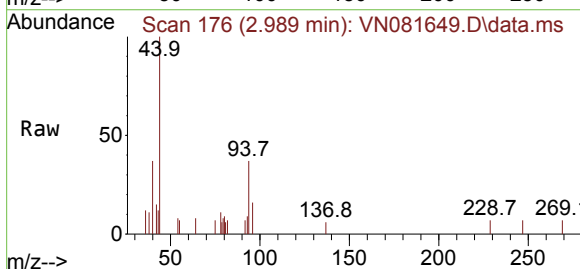
Acq: 02 Apr 2024 12:02

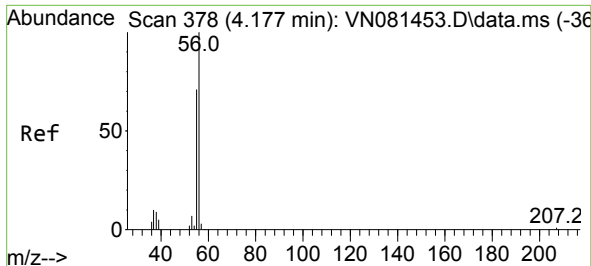
Tgt Ion: 94 Resp: 1624

Ion Ratio Lower Upper

94 100

96 42.4 69.2 103.8#

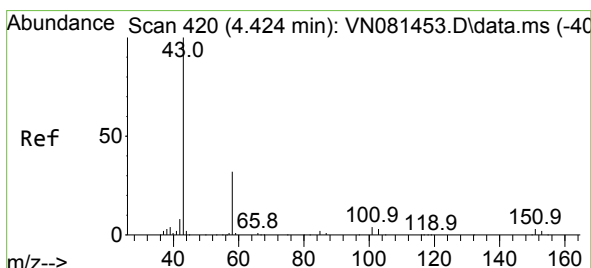
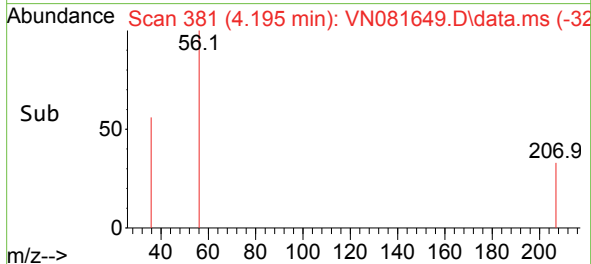
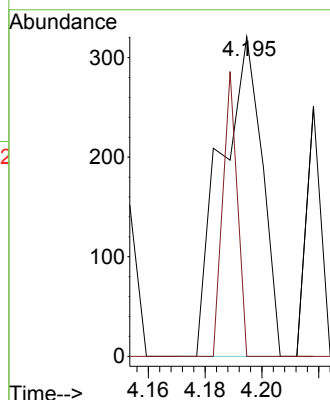
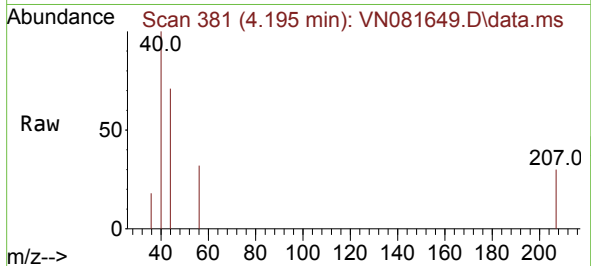




#13
Acrolein
Concen: 0.424 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.018 min
Lab File: VN081649.D
Acq: 02 Apr 2024 12:02

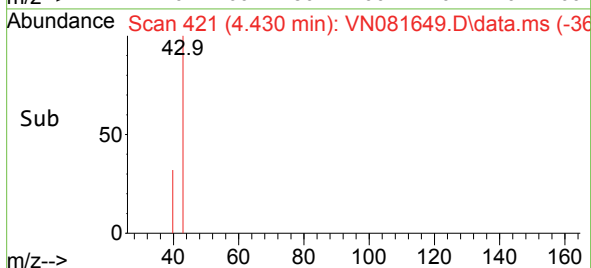
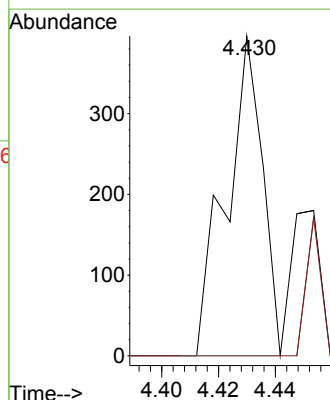
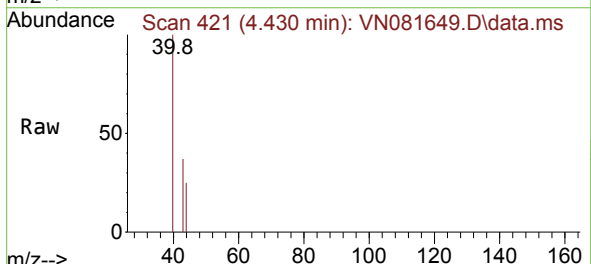
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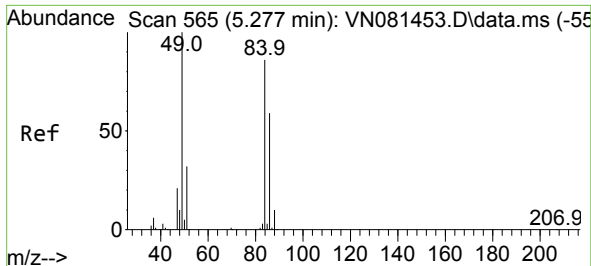
Tgt Ion: 56 Resp: 324
Ion Ratio Lower Upper
56 100
55 31.2 55.3 82.9#



#16
Acetone
Concen: 0.222 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081649.D
Acq: 02 Apr 2024 12:02

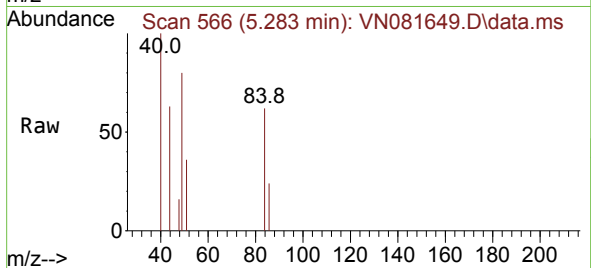
Tgt Ion: 43 Resp: 351
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#



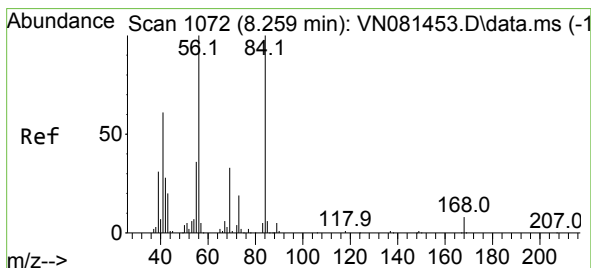
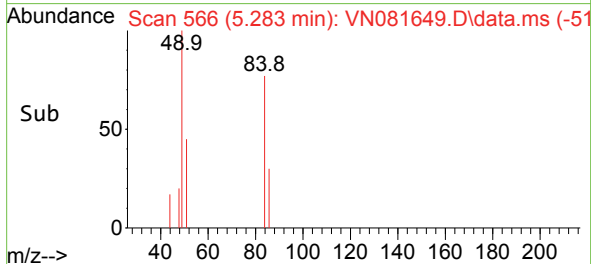
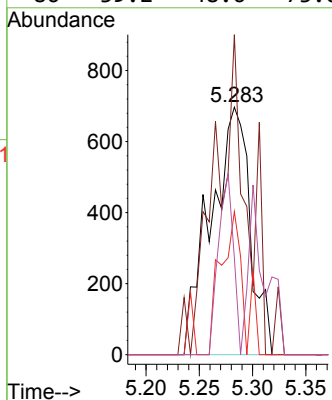


#20
Methylene Chloride
Concen: 0.347 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN081649.D
Acq: 02 Apr 2024 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0402MBL01

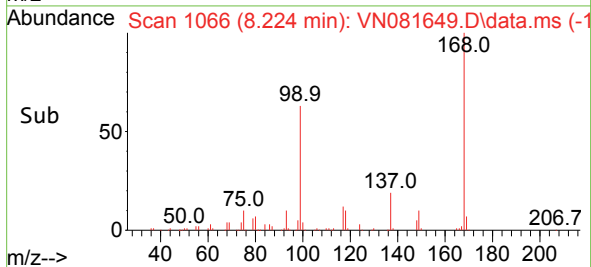
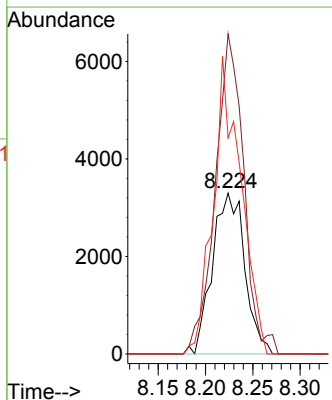
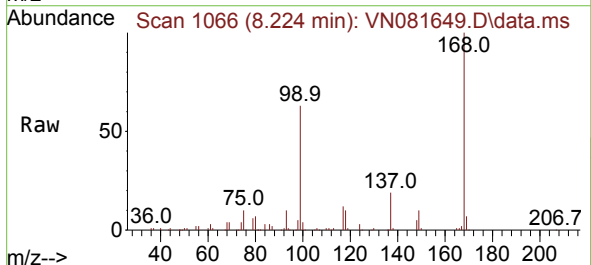


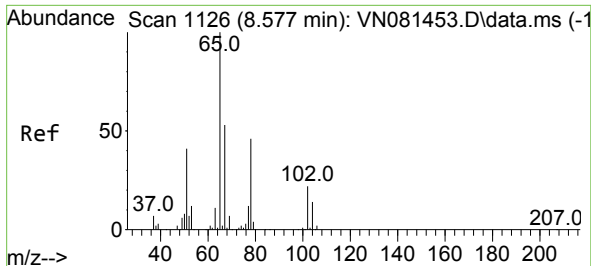
Tgt Ion: 84 Resp: 1793
Ion Ratio Lower Upper
84 100
49 129.3 108.1 162.1
51 57.8 32.9 49.3#
86 39.2 48.6 73.0#



#31
Cyclohexane
Concen: 0.984 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081649.D
Acq: 02 Apr 2024 12:02

Tgt Ion: 56 Resp: 7827
Ion Ratio Lower Upper
56 100
69 199.1 20.1 30.1#
84 134.4 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 53.219 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081649.D

Acq: 02 Apr 2024 12:02

Instrument :

MSVOA_N

ClientSampleId :

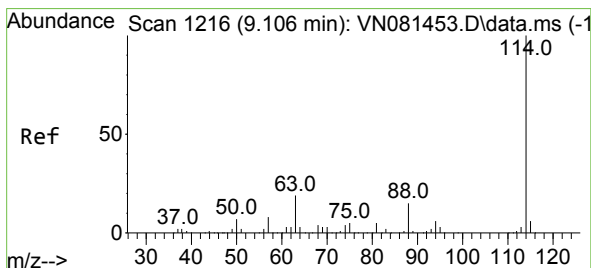
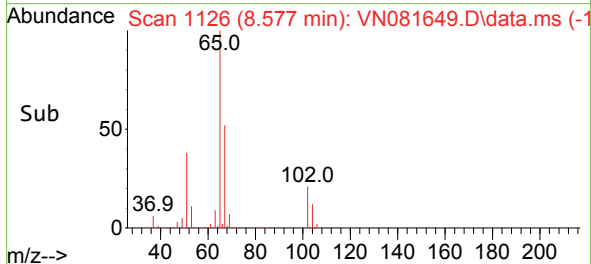
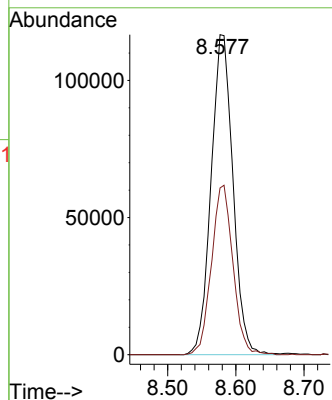
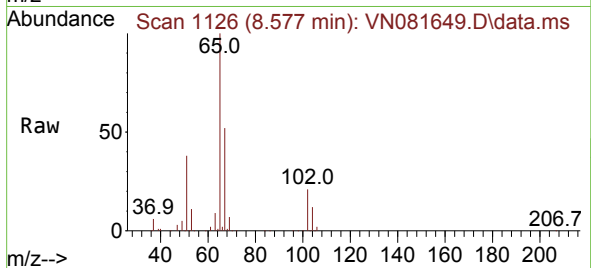
VN0402MBL01

Tgt Ion: 65 Resp: 260030

Ion Ratio Lower Upper

65 100

67 52.1 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: VN081649.D

Acq: 02 Apr 2024 12:02

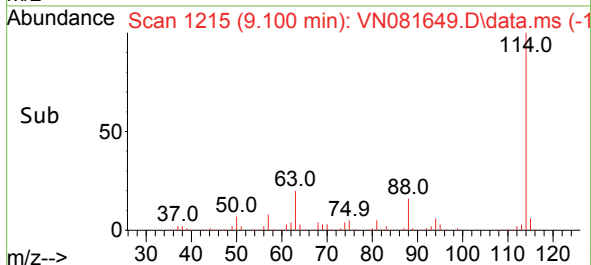
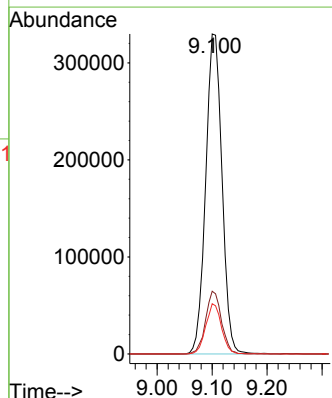
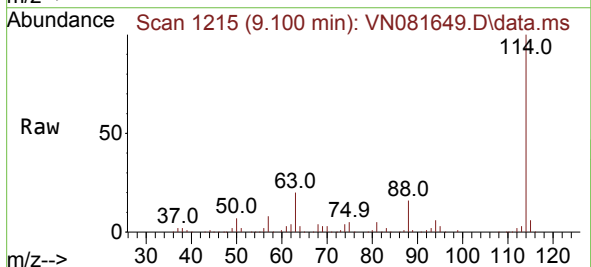
Tgt Ion: 114 Resp: 680053

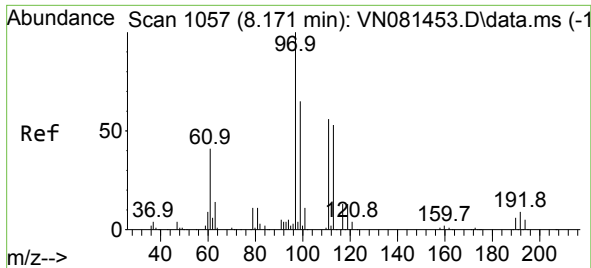
Ion Ratio Lower Upper

114 100

63 19.6 0.0 48.0

88 15.7 0.0 34.8

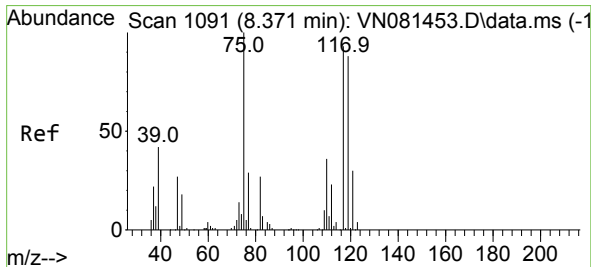
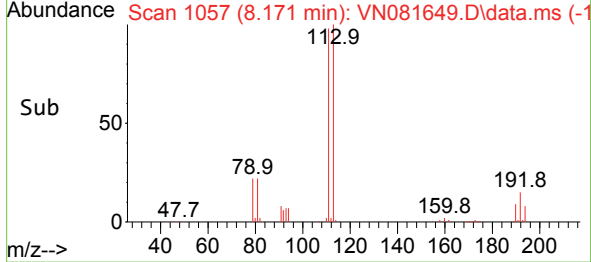
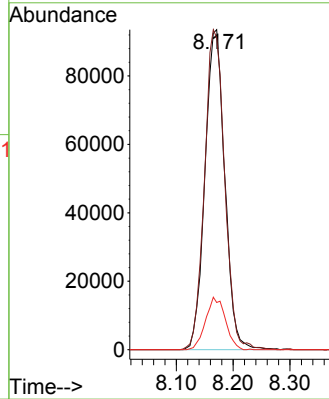
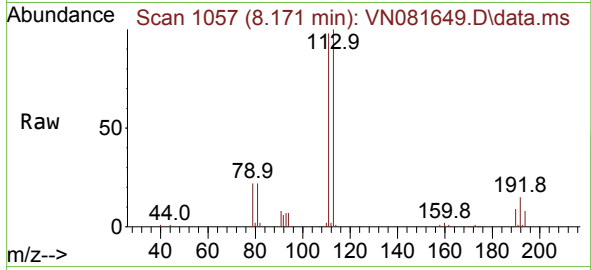




#35
Dibromofluoromethane
Concen: 52.647 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081649.D
Acq: 02 Apr 2024 12:02

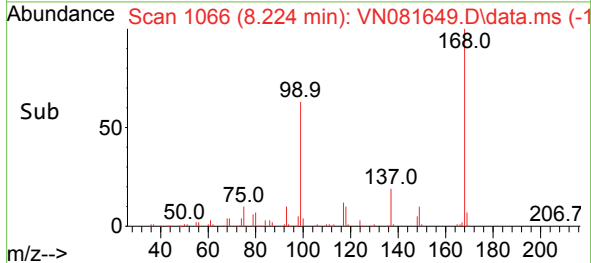
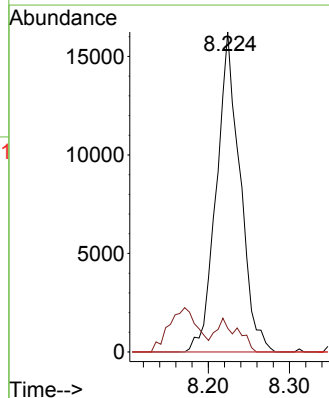
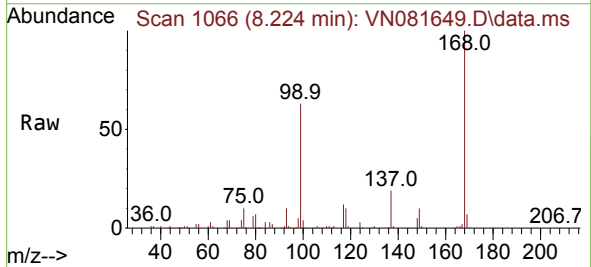
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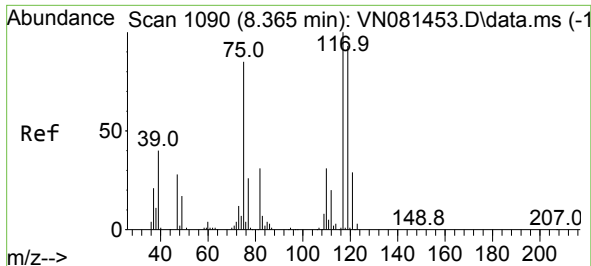
Tgt Ion:113 Resp: 225954
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 16.4 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.549 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081649.D
Acq: 02 Apr 2024 12:02

Tgt Ion: 75 Resp: 32856
Ion Ratio Lower Upper
75 100
110 9.7 16.0 48.0#
77 0.0 25.8 38.6#

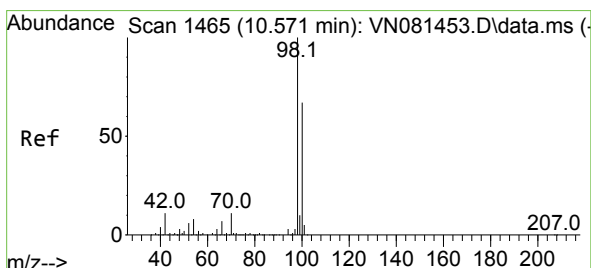
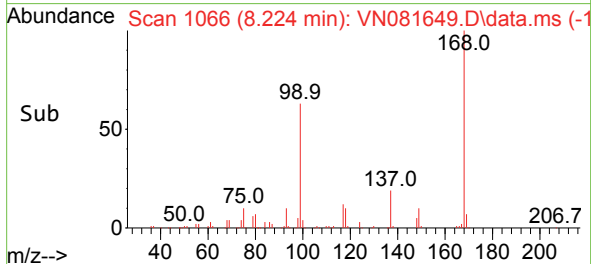
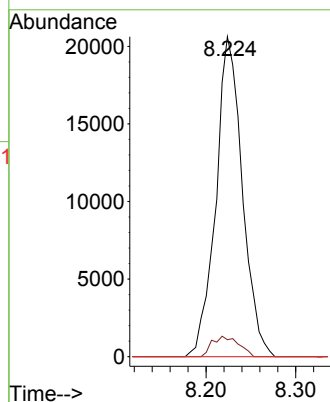
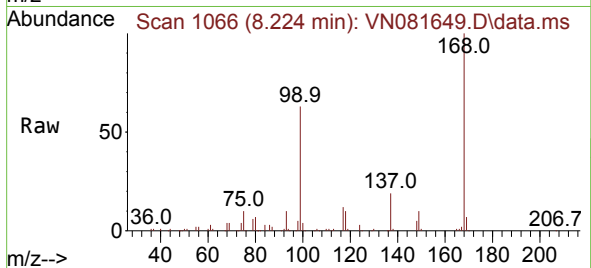




#38
Carbon Tetrachloride
Concen: 5.341 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081649.D
Acq: 02 Apr 2024 12:02

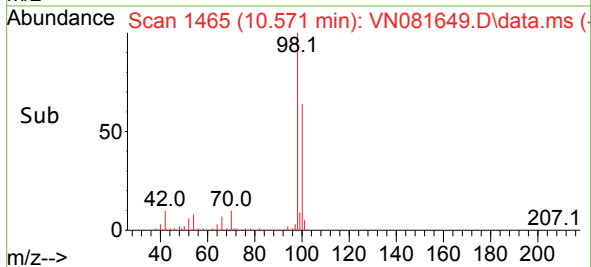
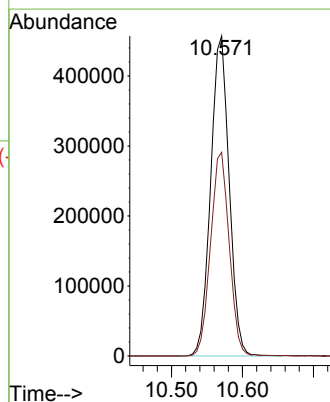
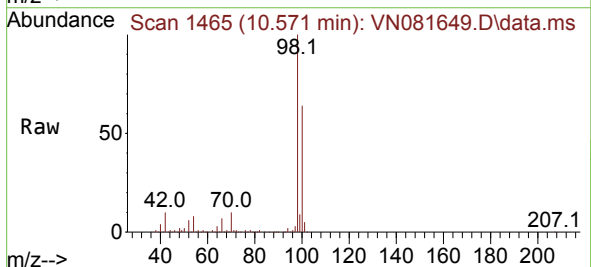
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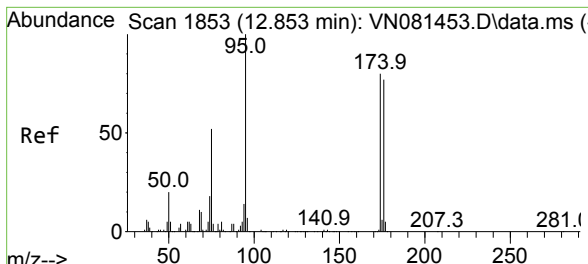
Tgt Ion:117 Resp: 42256
Ion Ratio Lower Upper
117 100
119 5.3 73.4 110.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 53.250 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081649.D
Acq: 02 Apr 2024 12:02

Tgt Ion: 98 Resp: 826137
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0

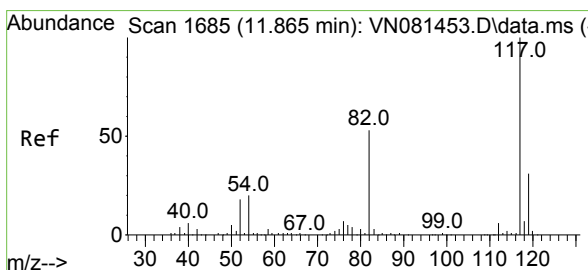
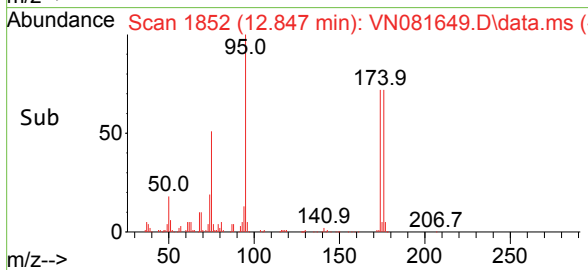
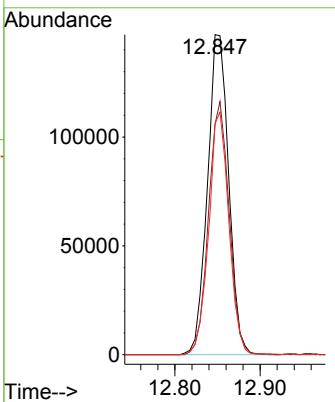
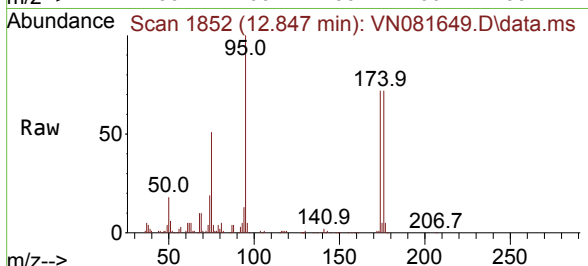




#62
 4-Bromofluorobenzene
 Concen: 46.594 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: VN081649.D
 Acq: 02 Apr 2024 12:02

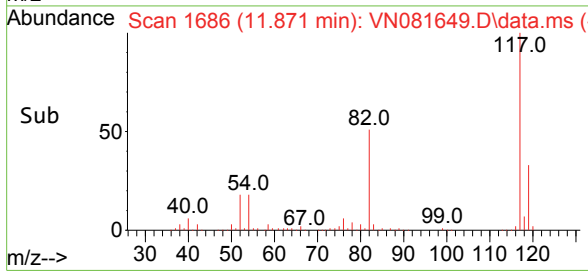
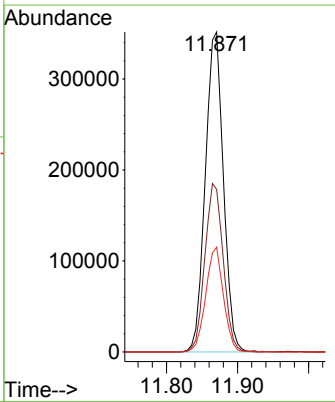
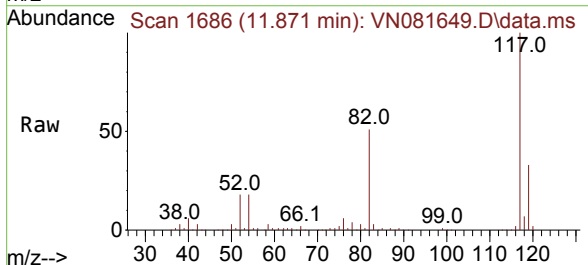
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0402MBL01

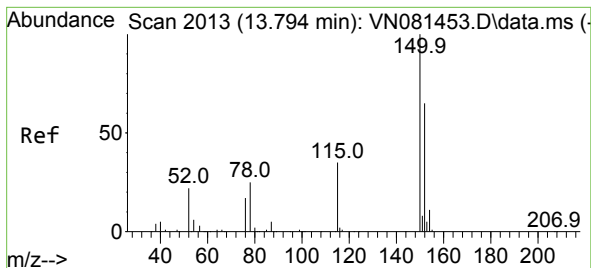
Tgt Ion:	95	Resp:	254717
Ion	Ratio	Lower	Upper
95	100		
174	77.0	0.0	120.4
176	71.9	0.0	121.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. 0.006 min
 Lab File: VN081649.D
 Acq: 02 Apr 2024 12:02

Tgt Ion:	117	Resp:	622216
Ion	Ratio	Lower	Upper
117	100		
82	50.8	52.7	79.1#
119	32.7	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: VN081649.D

Acq: 02 Apr 2024 12:02

Instrument :

MSVOA_N

ClientSampleId :

VN0402MBL01

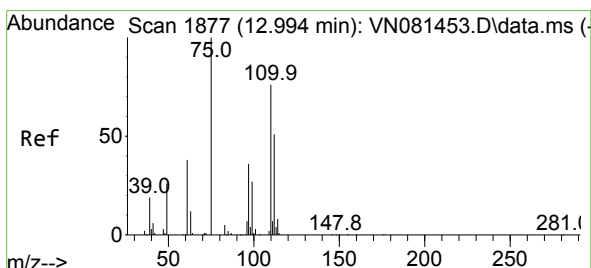
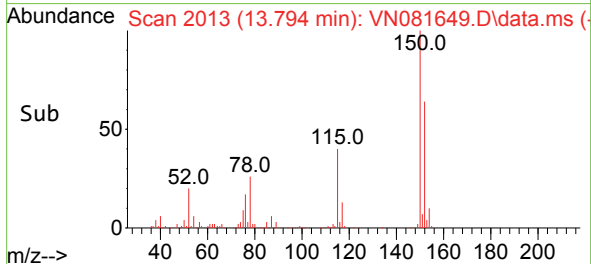
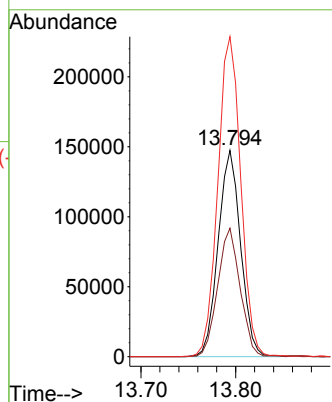
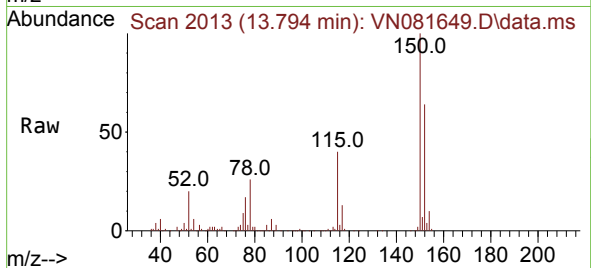
Tgt Ion:152 Resp: 243125

Ion Ratio Lower Upper

152 100

115 62.4 32.3 96.8

150 158.9 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 22.795 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN081649.D

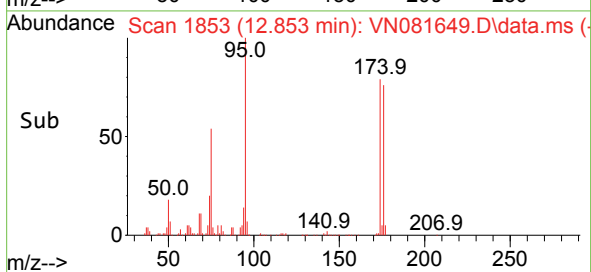
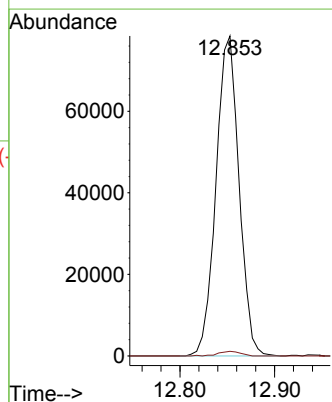
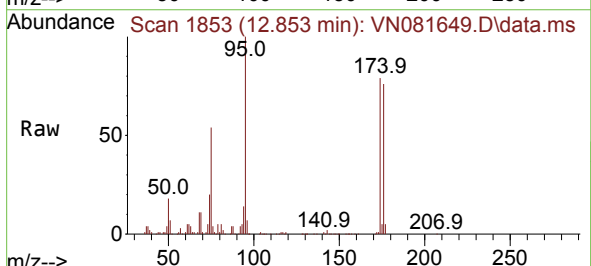
Acq: 02 Apr 2024 12:02

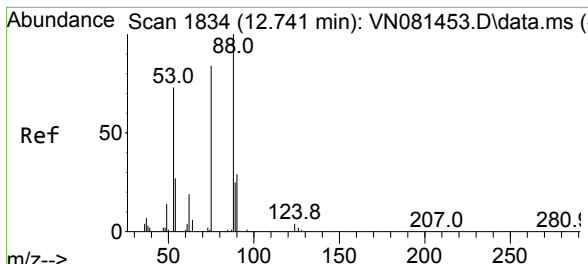
Tgt Ion: 75 Resp: 132568

Ion Ratio Lower Upper

75 100

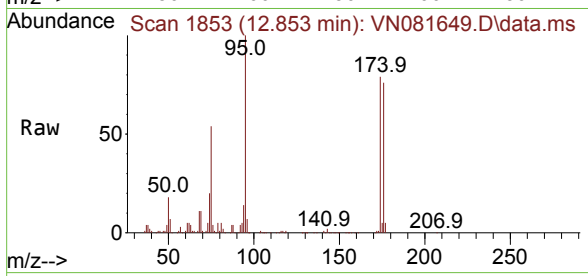
77 1.4 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.599 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.112 min
 Lab File: VN081649.D
 Acq: 02 Apr 2024 12:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0402MBL01



Tgt Ion: 75 Resp: 132568
 Ion Ratio Lower Upper
 75 100
 53 0.2 71.4 107.2#
 89 0.1 33.4 50.0#

