

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050124\
 Data File : VN081955.D
 Acq On : 01 May 2024 14:38
 Operator : JC\MD
 Sample : P2306-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 02 01:37:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

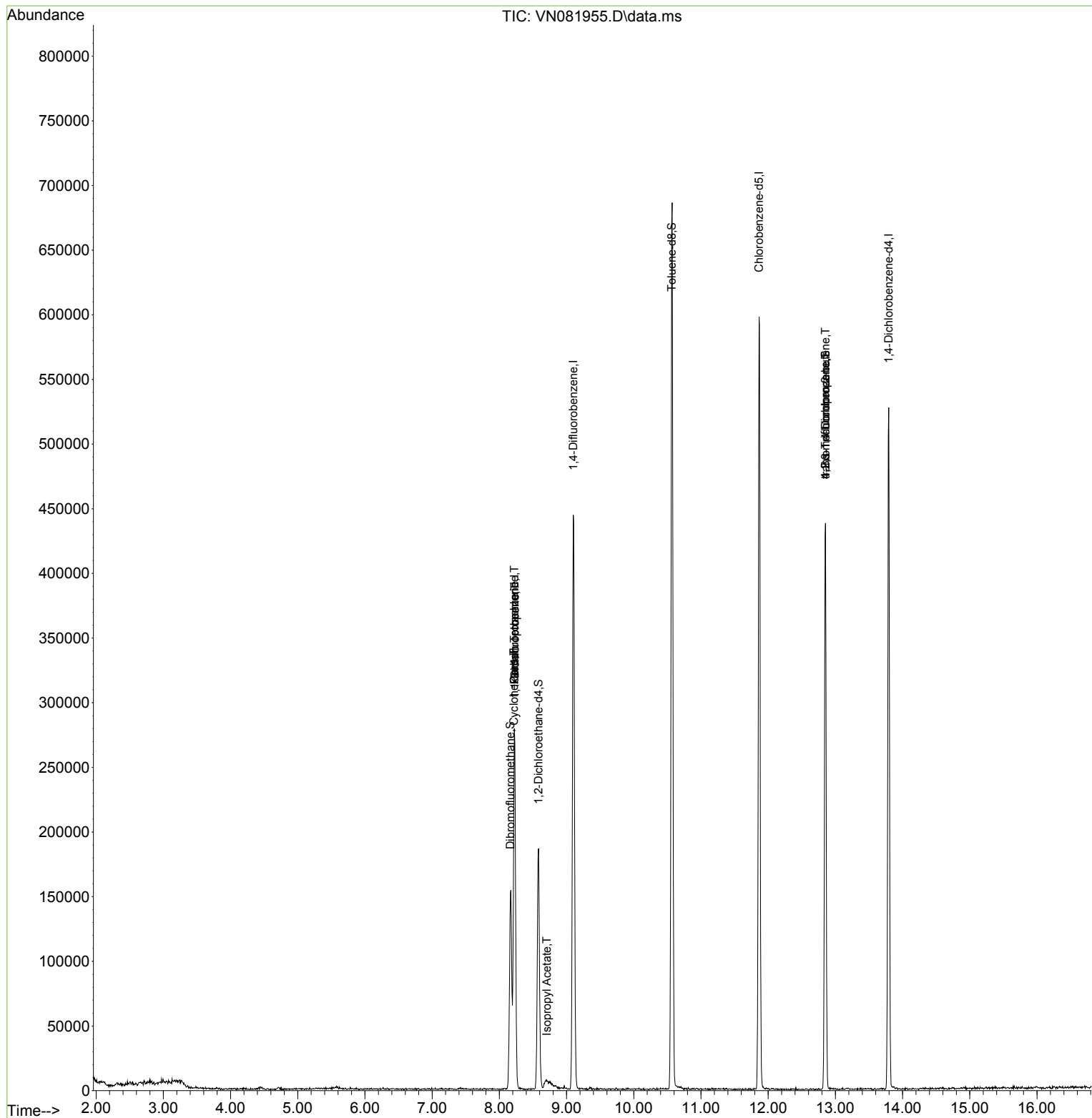
Internal Standards						
1) Pentafluorobenzene	8.224	168	193350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	381568	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	333146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	134570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	148382	45.471	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.940%
35) Dibromofluoromethane	8.165	113	112285	48.876	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.760%
50) Toluene-d8	10.565	98	469702	52.057	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.120%
62) 4-Bromofluorobenzene	12.853	95	158529	44.446	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	88.900%
Target Compounds						
					Qvalue	
5) Bromomethane	2.965	94	516	Below Cal	#	3
13) Acrolein	4.171	56	55	Below Cal	#	15
16) Acetone	4.424	43	738	Below Cal	#	43
31) Cyclohexane	8.218	56	6852	1.394	ug/l #	44
36) 1,1-Dichloropropene	8.229	75	19412	5.194	ug/l #	47
38) Carbon Tetrachloride	8.224	117	20411	5.588	ug/l #	15
43) Isopropyl Acetate	8.706	43	8168	1.075	ug/l #	52
76) 1,2,3-Trichloropropane	12.853	75	87017	24.940	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	87017	51.105	ug/l #	12

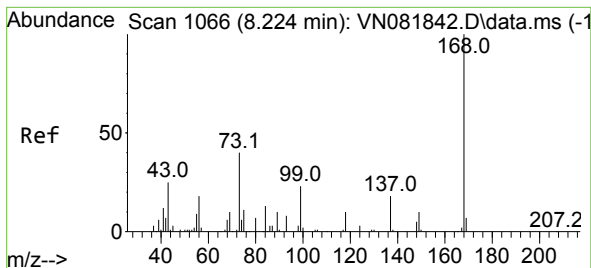
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050124\
Data File : VN081955.D
Acq On : 01 May 2024 14:38
Operator : JC\MD
Sample : P2306-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 02 01:37:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 26 05:26:49 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: VN081955.D

Acq: 01 May 2024 14:38

Instrument :

MSVOA_N

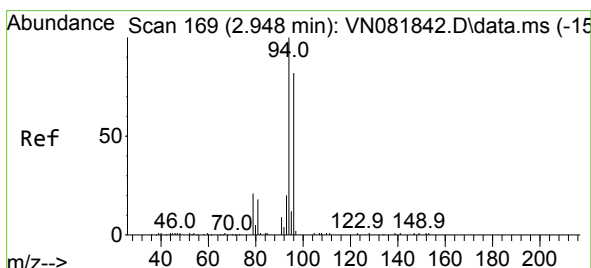
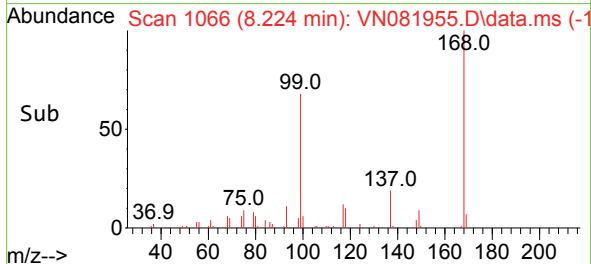
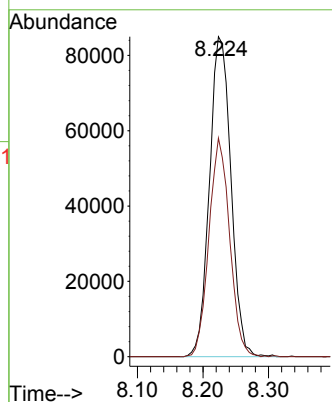
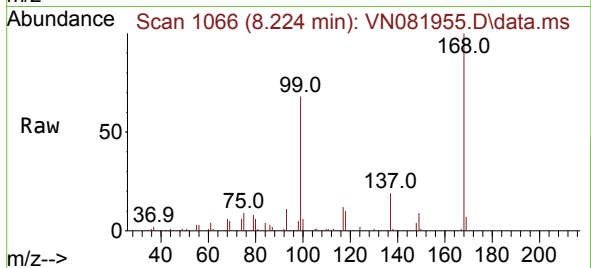
ClientSampleId :

Tgt Ion:168 Resp: 193350

Ion Ratio Lower Upper

168 100

99 68.3 48.2 72.4



#5

Bromomethane

Concen: Below Cal

RT: 2.965 min Scan# 172

Delta R.T. 0.017 min

Lab File: VN081955.D

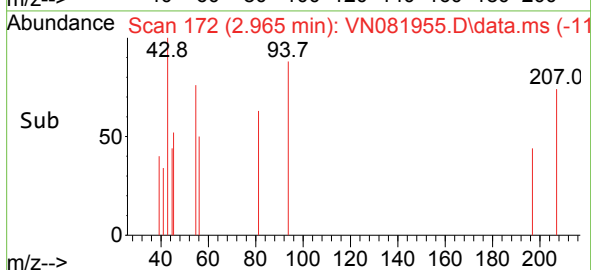
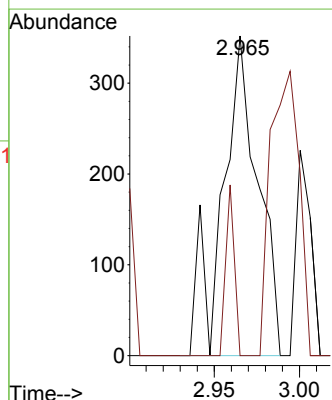
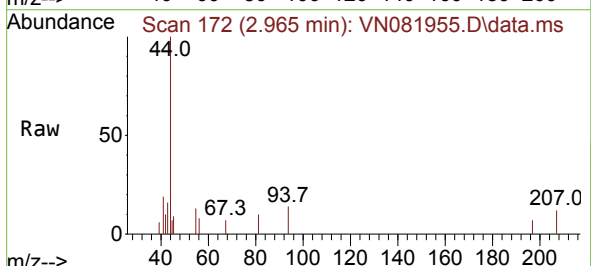
Acq: 01 May 2024 14:38

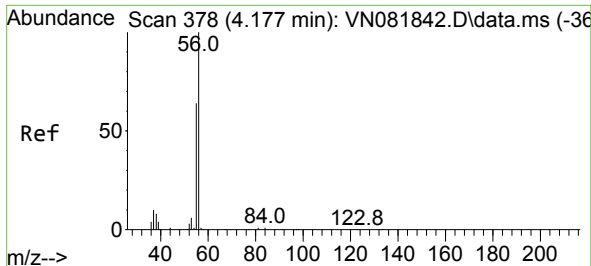
Tgt Ion: 94 Resp: 516

Ion Ratio Lower Upper

94 100

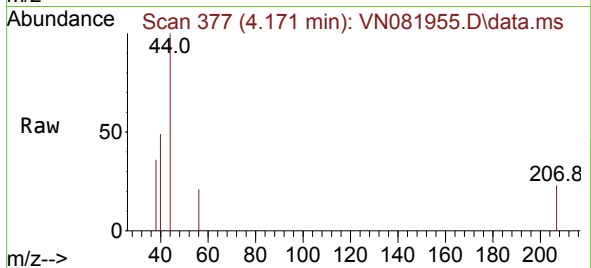
96 0.0 74.8 112.2#



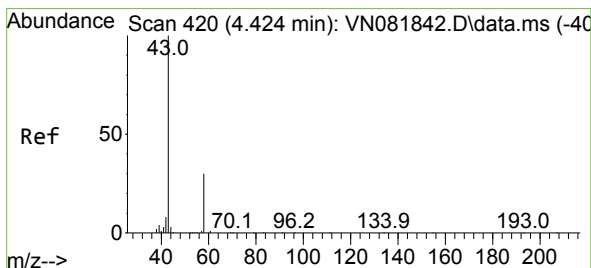
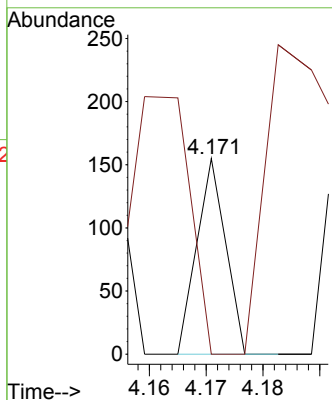
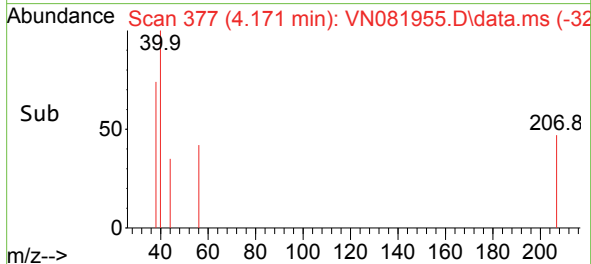


#13
Acrolein
Concen: Below Cal
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN081955.D
Acq: 01 May 2024 14:38

Instrument :
MSVOA_N
ClientSampleId :

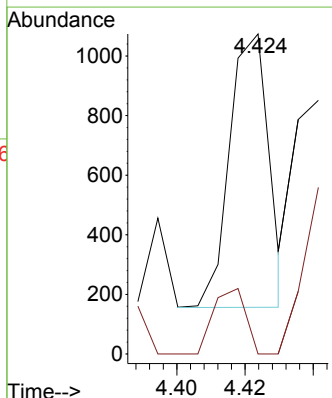
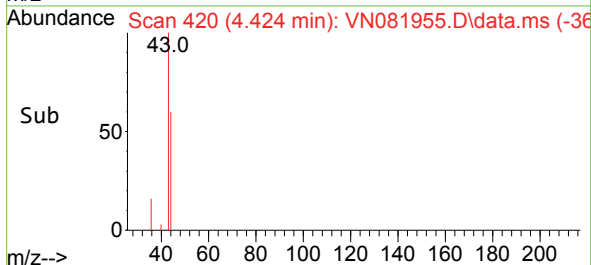
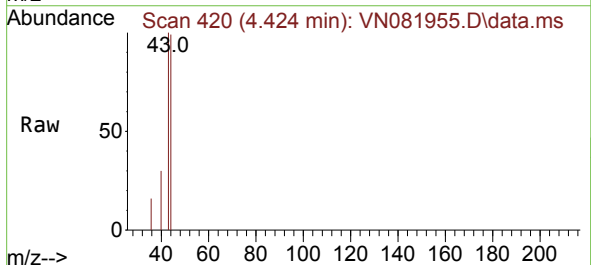


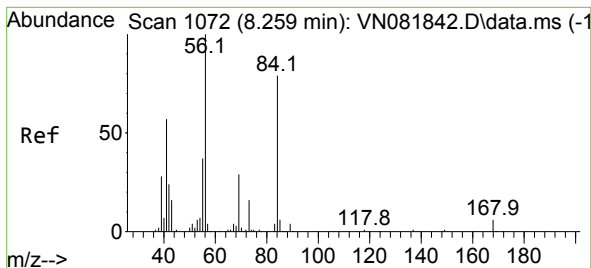
Tgt Ion: 56 Resp: 55
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#



#16
Acetone
Concen: Below Cal
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081955.D
Acq: 01 May 2024 14:38

Tgt Ion: 43 Resp: 738
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#





#31

Cyclohexane

Concen: 1.394 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.041 min

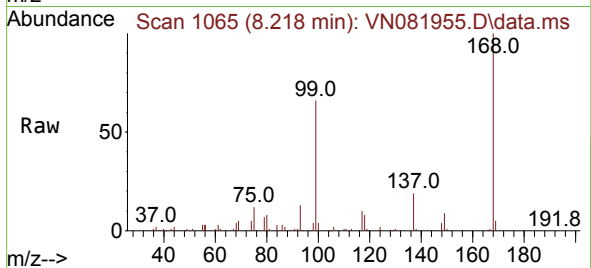
Lab File: VN081955.D

Acq: 01 May 2024 14:38

Instrument :

MSVOA_N

ClientSampleId :



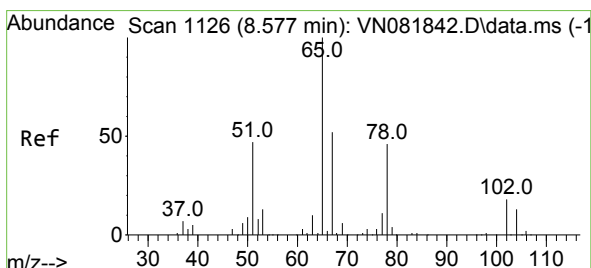
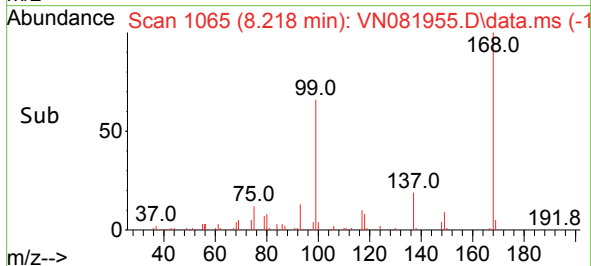
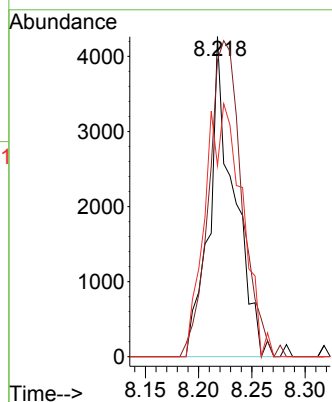
Tgt Ion: 56 Resp: 6852

Ion Ratio Lower Upper

56 100

69 92.7 24.4 36.6#

84 59.7 77.0 115.4#



#33

1,2-Dichloroethane-d4

Concen: 45.471 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081955.D

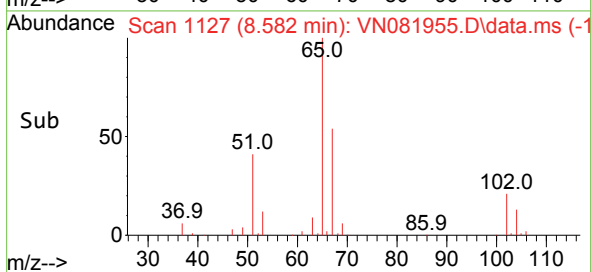
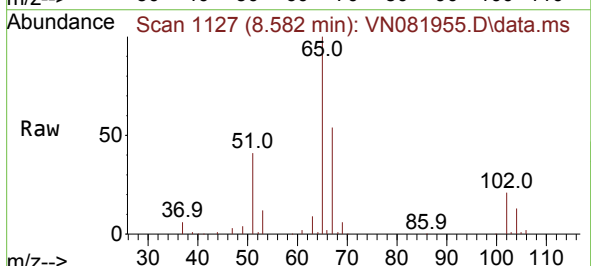
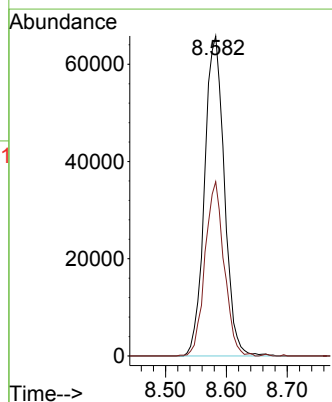
Acq: 01 May 2024 14:38

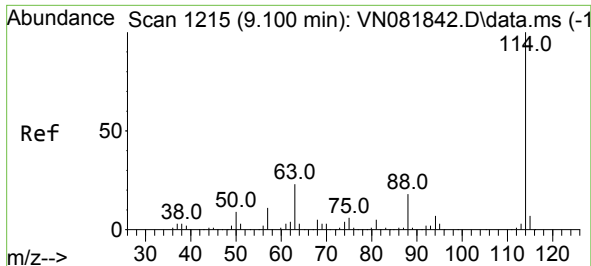
Tgt Ion: 65 Resp: 148382

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.0

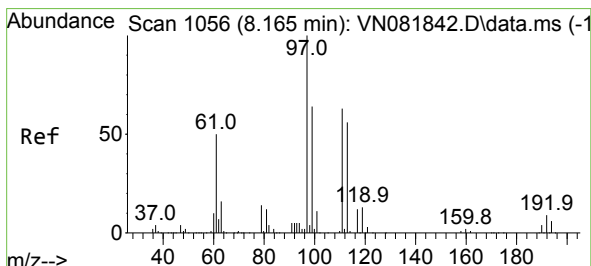
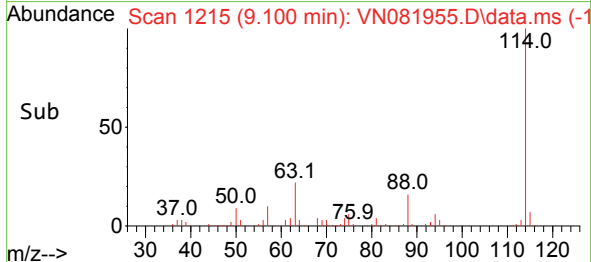
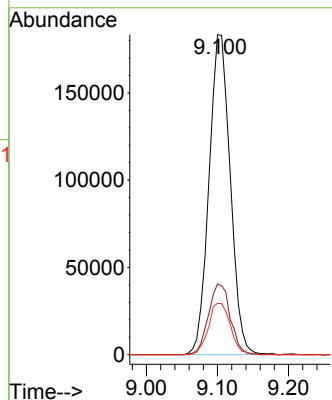
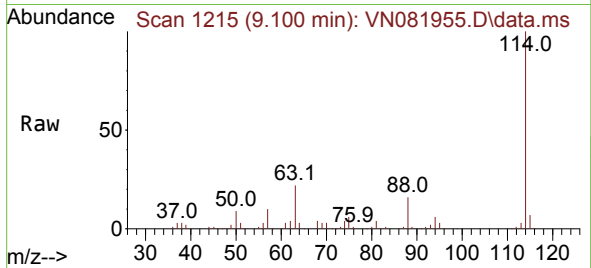




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081955.D
Acq: 01 May 2024 14:38

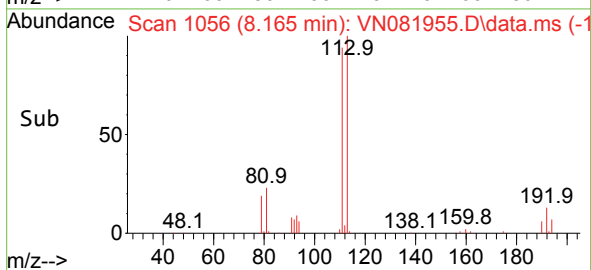
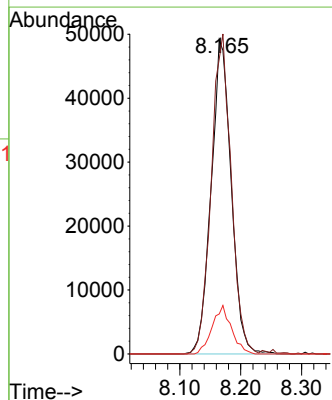
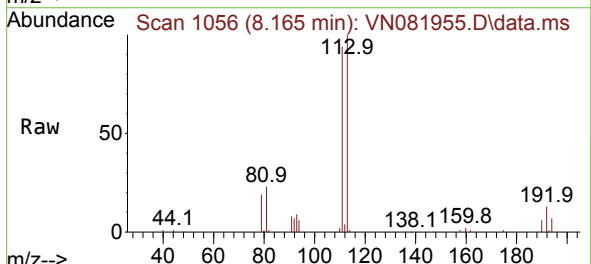
Instrument :
MSVOA_N
ClientSampleId :

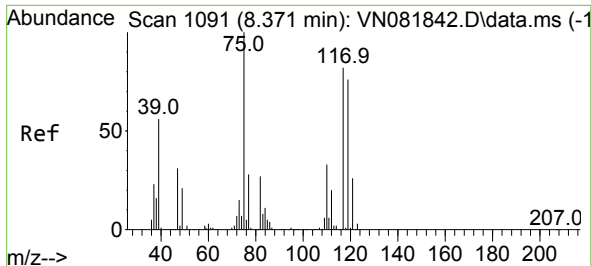
Tgt Ion:114 Resp: 381568
Ion Ratio Lower Upper
114 100
63 22.1 0.0 41.0
88 16.1 0.0 31.4



#35
Dibromofluoromethane
Concen: 48.876 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081955.D
Acq: 01 May 2024 14:38

Tgt Ion:113 Resp: 112285
Ion Ratio Lower Upper
113 100
111 101.4 83.4 125.2
192 14.9 14.0 21.0





#36

1,1-Dichloropropene

Concen: 5.194 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.141 min

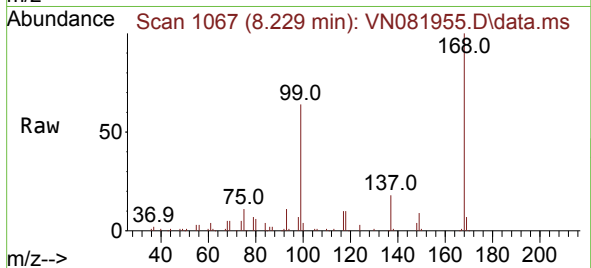
Lab File: VN081955.D

Acq: 01 May 2024 14:38

Instrument :

MSVOA_N

ClientSampleId :



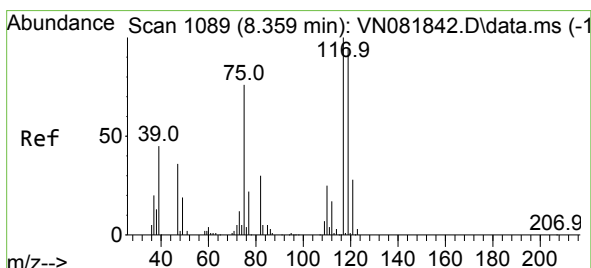
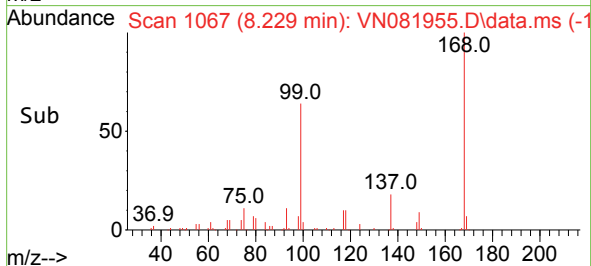
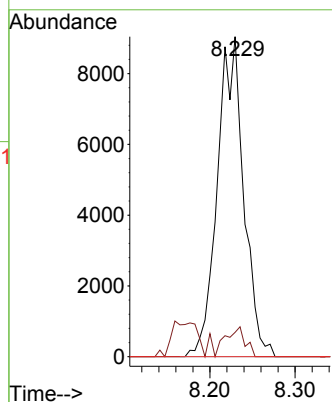
Tgt Ion: 75 Resp: 19412

Ion Ratio Lower Upper

75 100

110 7.0 17.8 53.5#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.588 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN081955.D

Acq: 01 May 2024 14:38

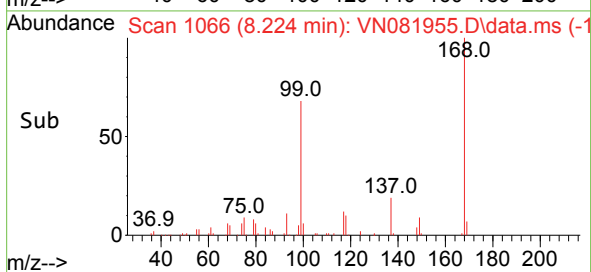
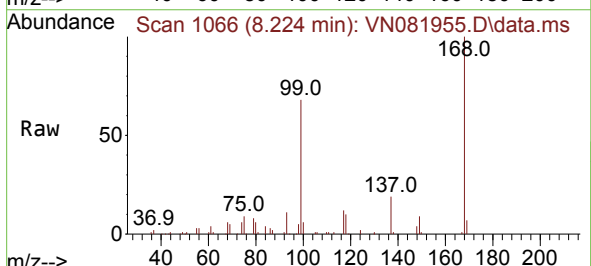
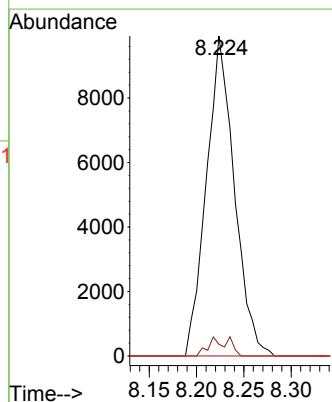
Tgt Ion: 117 Resp: 20411

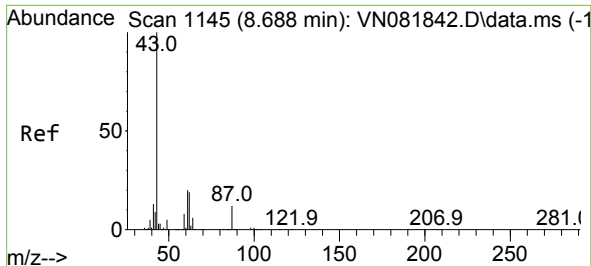
Ion Ratio Lower Upper

117 100

119 3.7 76.5 114.7#

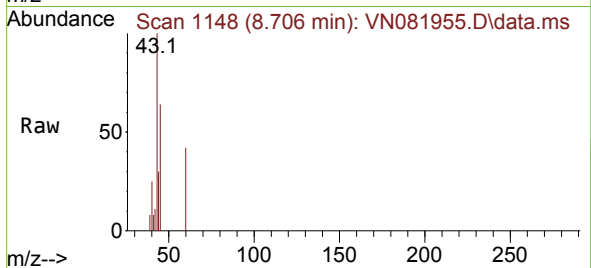
121 0.0 23.9 35.9#



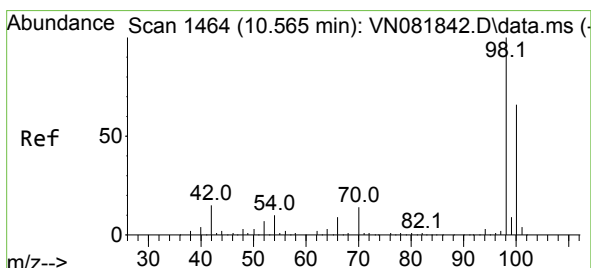
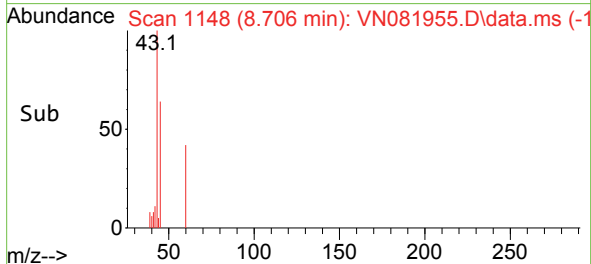
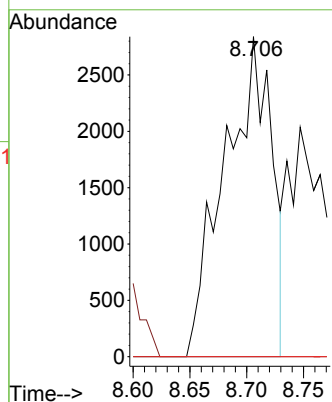


#43
Isopropyl Acetate
Concen: 1.075 ug/l
RT: 8.706 min Scan# 1145
Delta R.T. 0.018 min
Lab File: VN081955.D
Acq: 01 May 2024 14:38

Instrument :
MSVOA_N
ClientSampleId :

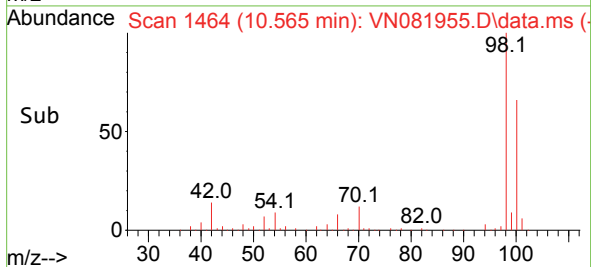
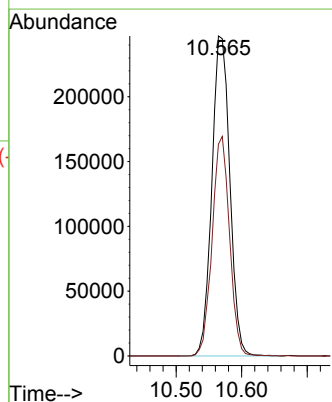
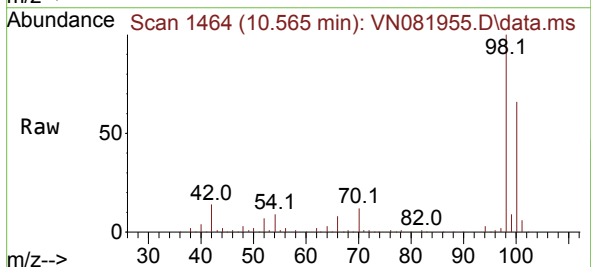


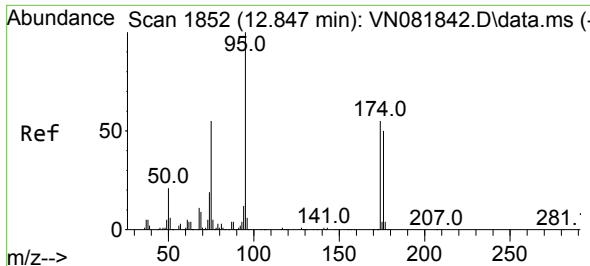
Tgt Ion: 43 Resp: 8168
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 52.057 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN081955.D
Acq: 01 May 2024 14:38

Tgt Ion: 98 Resp: 469702
Ion Ratio Lower Upper
98 100
100 66.3 51.8 77.6

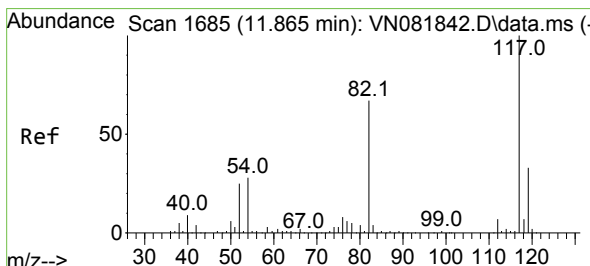
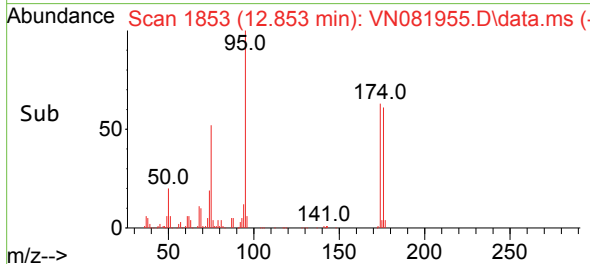
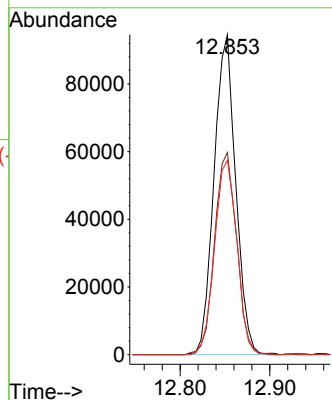
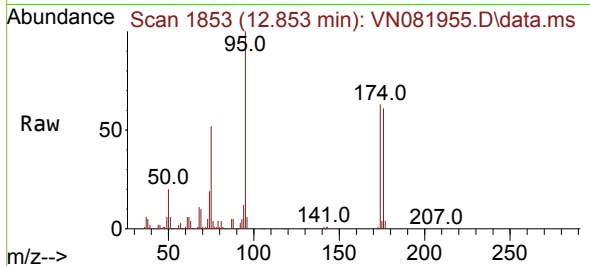




#62
4-Bromofluorobenzene
Concen: 44.446 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081955.D
Acq: 01 May 2024 14:38

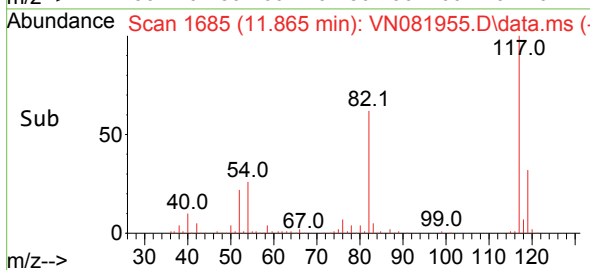
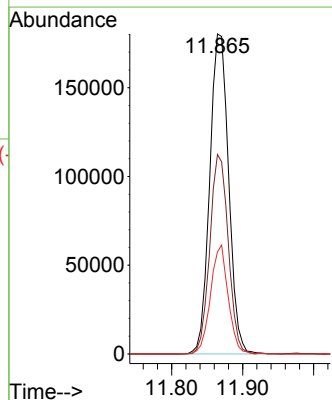
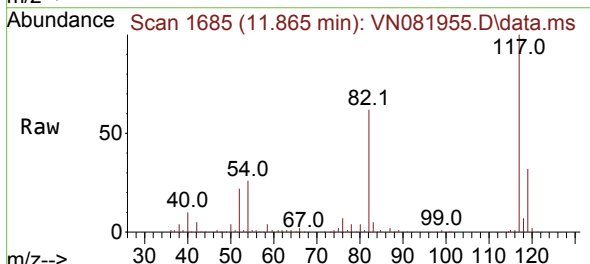
Instrument :
MSVOA_N
ClientSampleId :

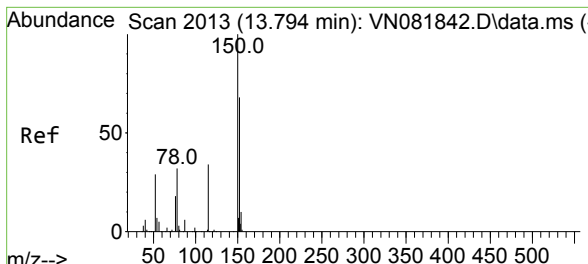
Tgt Ion: 95 Resp: 158529
Ion Ratio Lower Upper
95 100
174 64.3 0.0 160.6
176 62.5 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081955.D
Acq: 01 May 2024 14:38

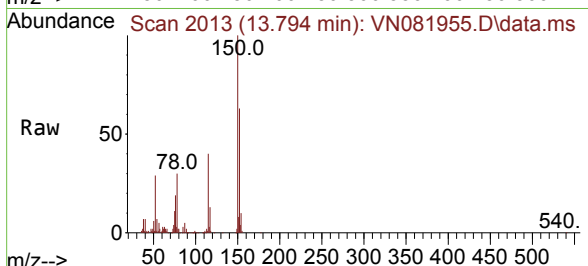
Tgt Ion: 117 Resp: 333146
Ion Ratio Lower Upper
117 100
82 62.3 44.6 66.8
119 31.9 25.9 38.9



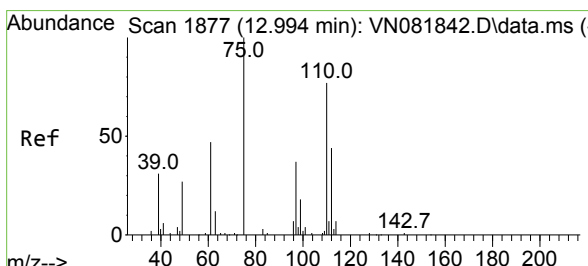
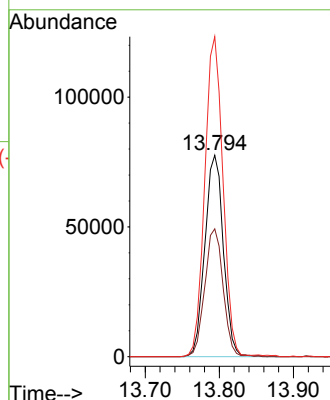
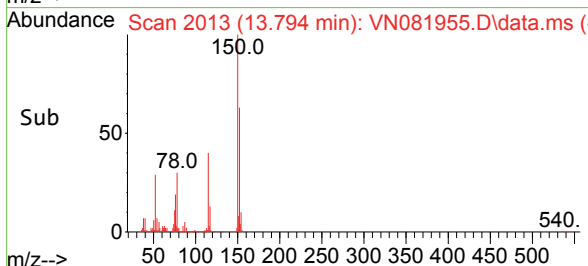


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN081955.D
 Acq: 01 May 2024 14:38

Instrument :
 MSVOA_N
 ClientSampleId :

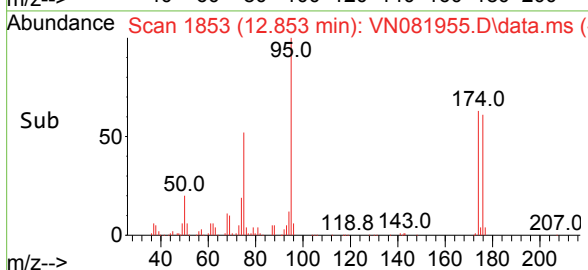
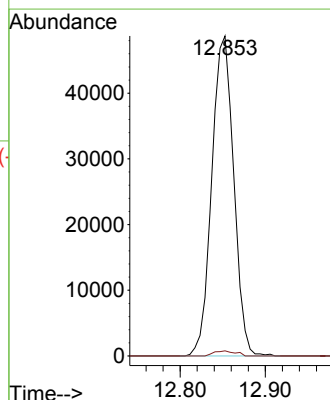
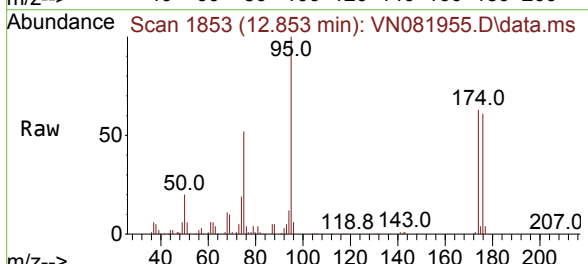


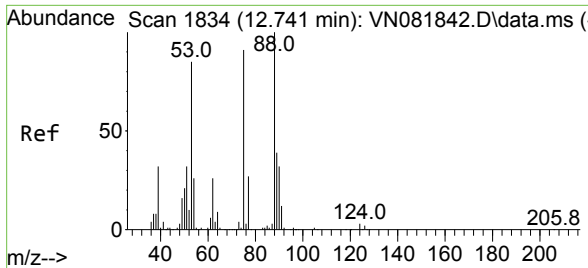
Tgt Ion:152 Resp: 134570
 Ion Ratio Lower Upper
 152 100
 115 63.0 30.4 91.3
 150 155.6 0.0 353.2



#76
 1,2,3-Trichloropropane
 Concen: 24.940 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN081955.D
 Acq: 01 May 2024 14:38

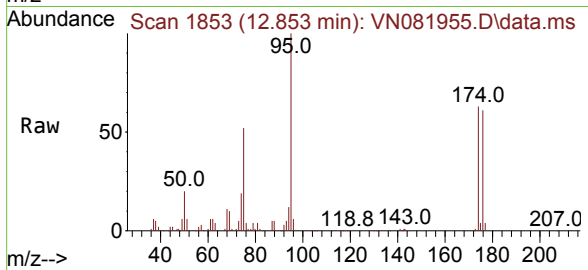
Tgt Ion: 75 Resp: 87017
 Ion Ratio Lower Upper
 75 100
 77 1.6 90.5 271.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 51.105 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN081955.D
Acq: 01 May 2024 14:38

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	72.9	109.3#
89	0.0	39.1	58.7#

