

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102124\
 Data File : VN084440.D
 Acq On : 21 Oct 2024 16:53
 Operator : JC\MD
 Sample : P4438-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-GW-98-100

Quant Time: Oct 22 07:55:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

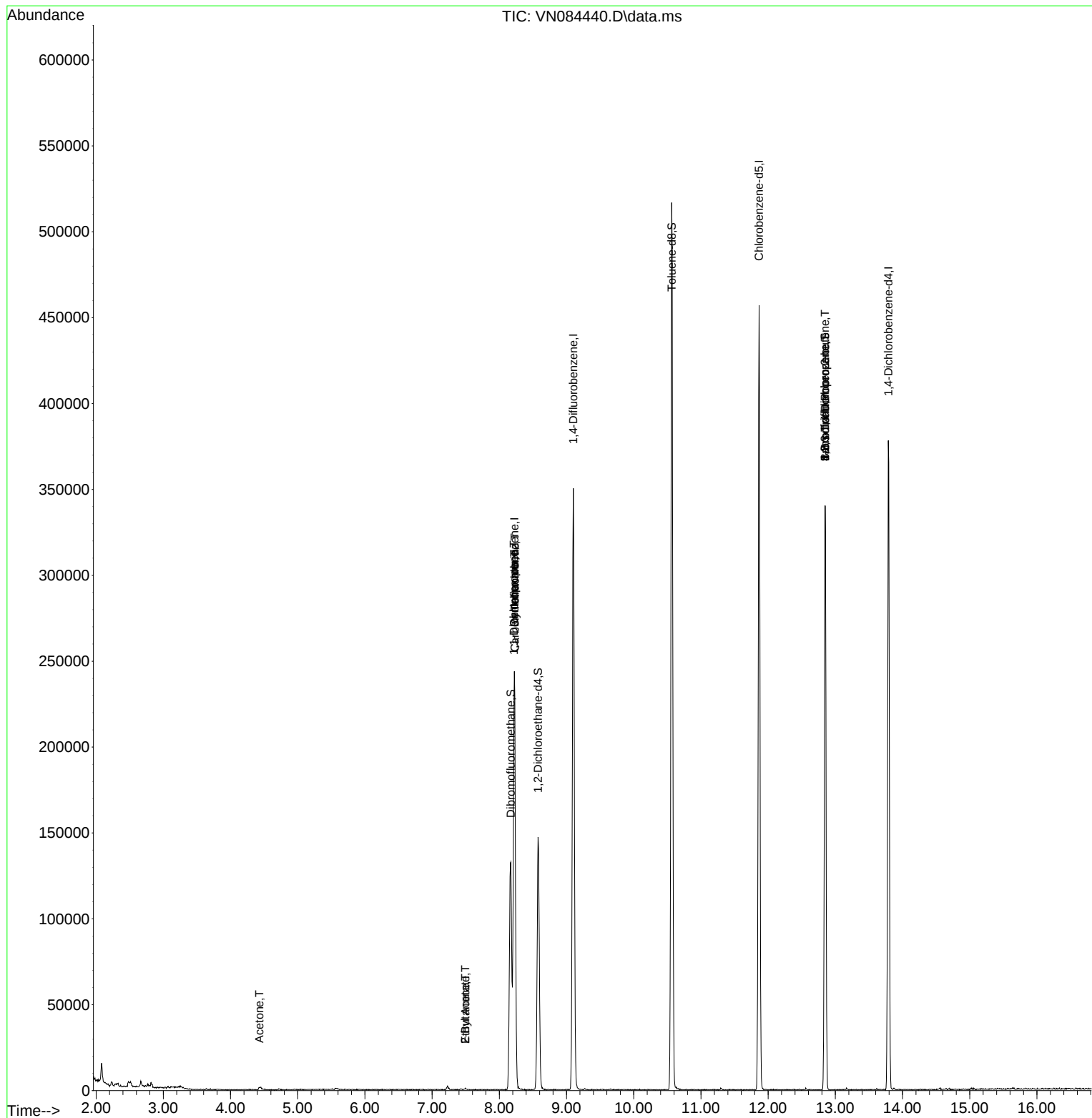
Internal Standards						
1) Pentafluorobenzene	8.224	168	170565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	295549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	102361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122760	48.542	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.080%
35) Dibromofluoromethane	8.171	113	98709	50.660	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.320%
50) Toluene-d8	10.565	98	360459	50.283	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.560%
62) 4-Bromofluorobenzene	12.847	95	121102	46.371	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.740%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	1496	1.377	ug/l #	71
25) 2-Butanone	7.494	43	1011	0.683	ug/l #	48
31) Cyclohexane	8.224	56	4072	1.087	ug/l #	21
36) 1,1-Dichloropropene	8.218	75	14376	5.080	ug/l #	50
37) Ethyl Acetate	7.494	43	1011	0.348	ug/l #	69
38) Carbon Tetrachloride	8.230	117	18764	6.044	ug/l #	15
71) Bromoform	12.847	173	791	0.548	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	62785	30.045	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	62785	72.030	ug/l #	11

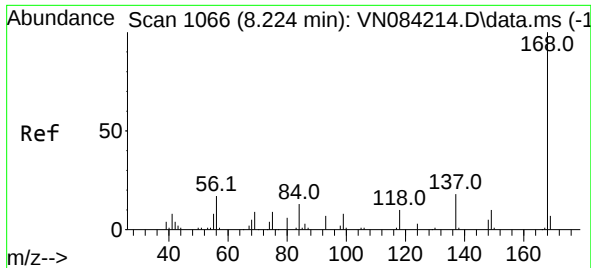
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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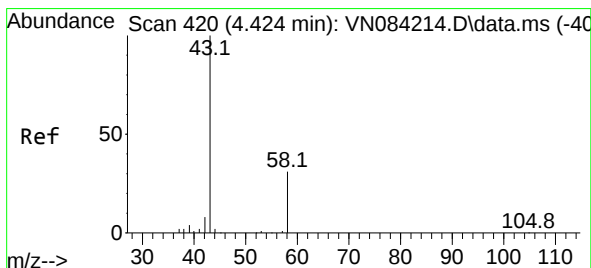
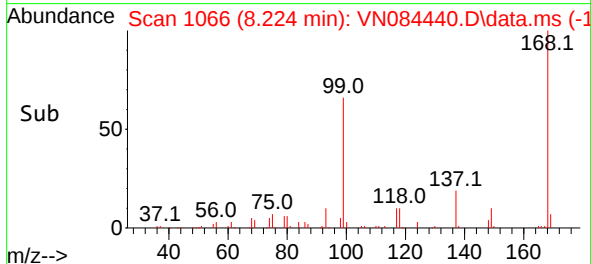
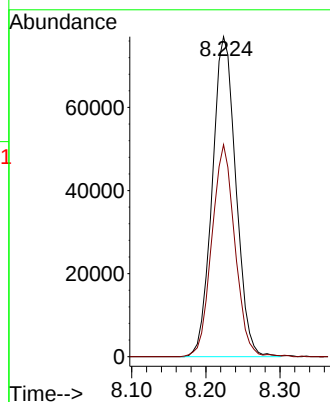
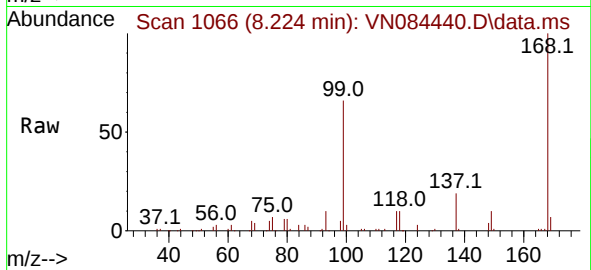




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084440.D
Acq: 21 Oct 2024 16:53

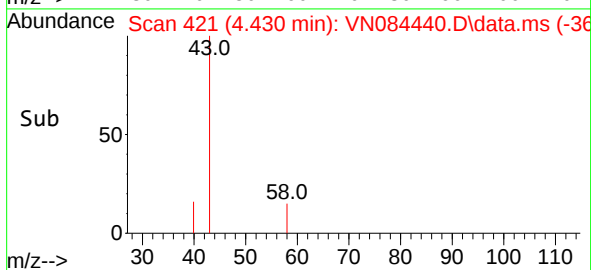
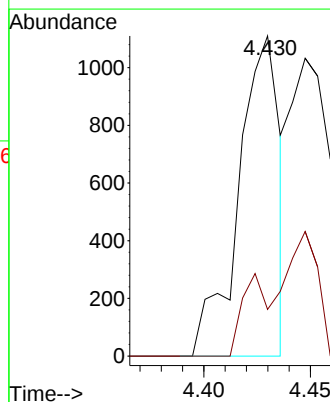
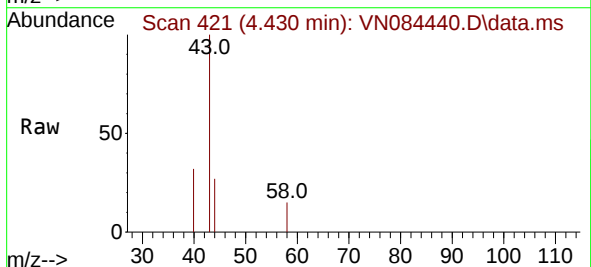
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-98-100

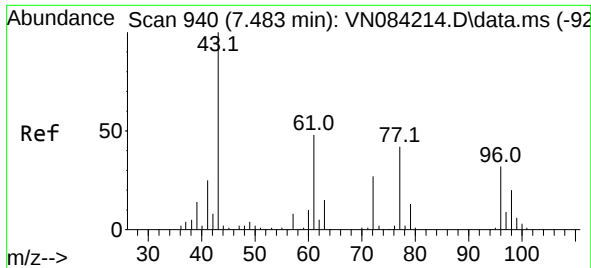
Tgt Ion:168 Resp: 170565
Ion Ratio Lower Upper
168 100
99 66.3 54.2 81.2



#16
Acetone
Concen: 1.377 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084440.D
Acq: 21 Oct 2024 16:53

Tgt Ion: 43 Resp: 1496
Ion Ratio Lower Upper
43 100
58 14.6 24.4 36.6#

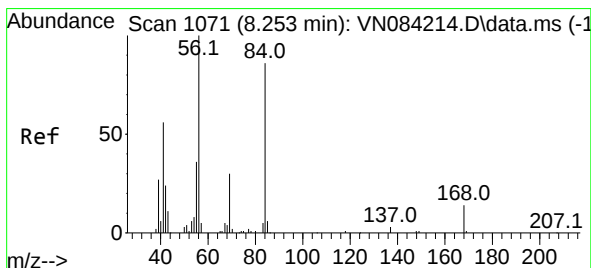
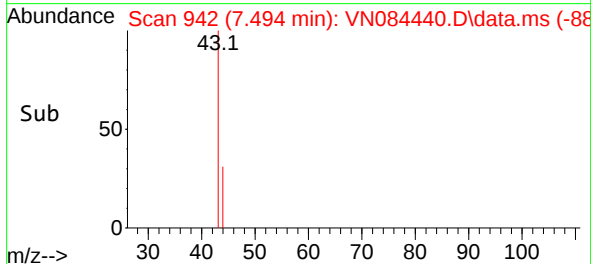
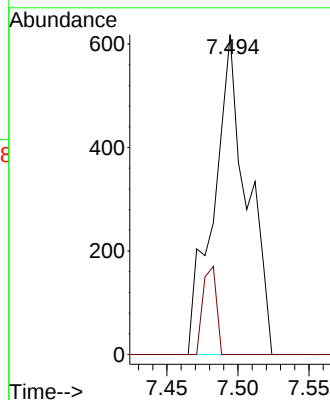
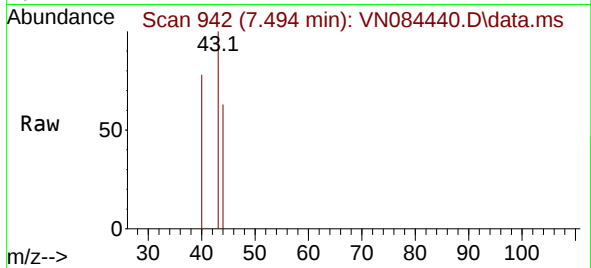




#25
2-Butanone
Concen: 0.683 ug/l
RT: 7.494 min Scan# 94
Delta R.T. 0.012 min
Lab File: VN084440.D
Acq: 21 Oct 2024 16:53

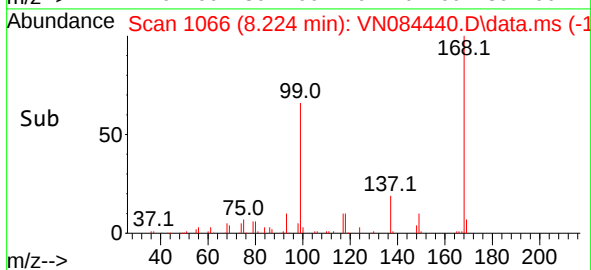
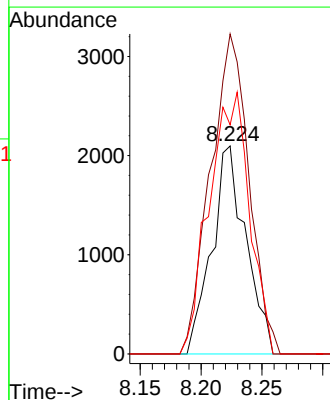
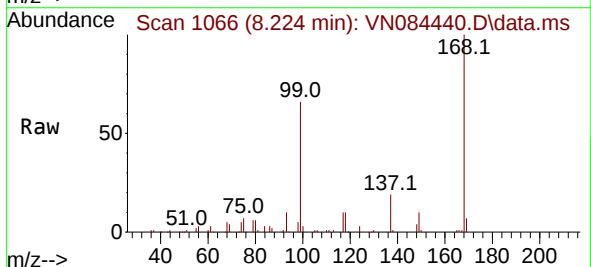
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-98-100

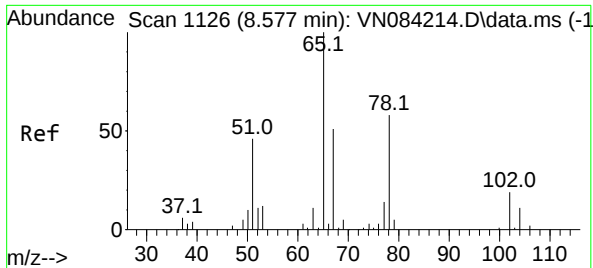
Tgt Ion: 43 Resp: 1011
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



#31
Cyclohexane
Concen: 1.087 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084440.D
Acq: 21 Oct 2024 16:53

Tgt Ion: 56 Resp: 4072
Ion Ratio Lower Upper
56 100
69 153.9 23.8 35.6#
84 110.2 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 48.542 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084440.D

Acq: 21 Oct 2024 16:53

Instrument :

MSVOA_N

ClientSampleId :

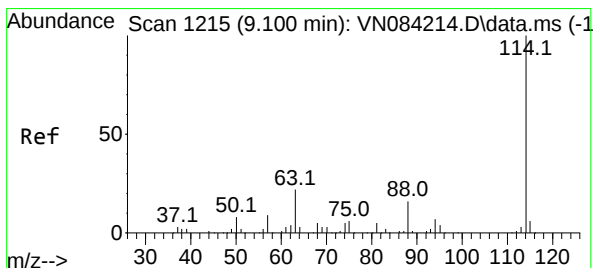
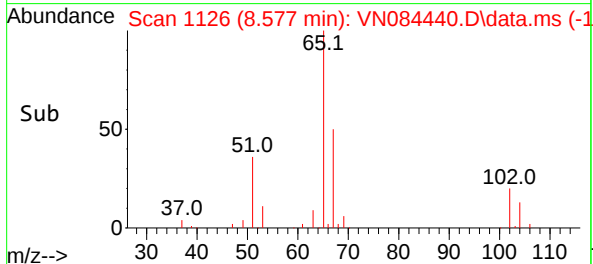
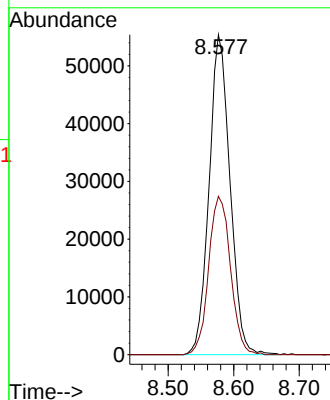
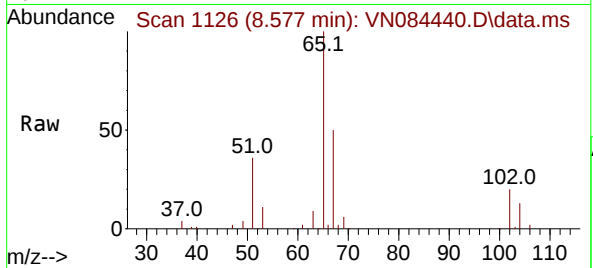
BP-VPB-190-GW-98-100

Tgt Ion: 65 Resp: 122760

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN084440.D

Acq: 21 Oct 2024 16:53

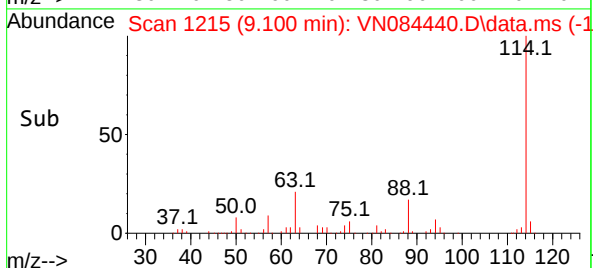
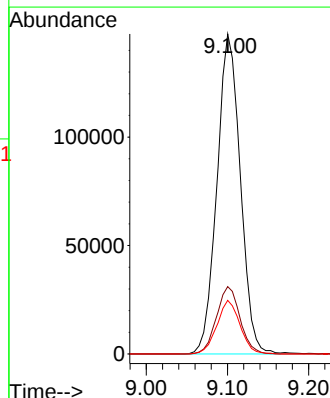
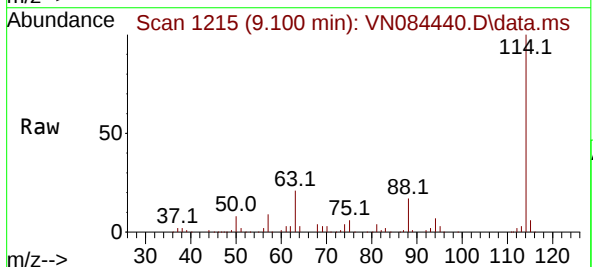
Tgt Ion: 114 Resp: 295549

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.8

88 16.8 0.0 31.6

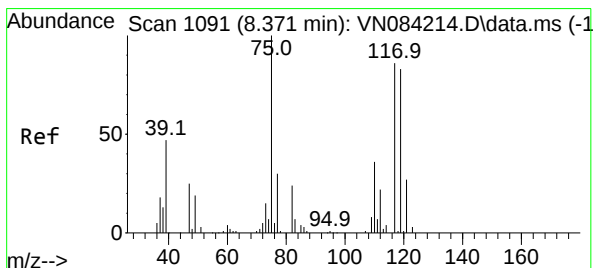
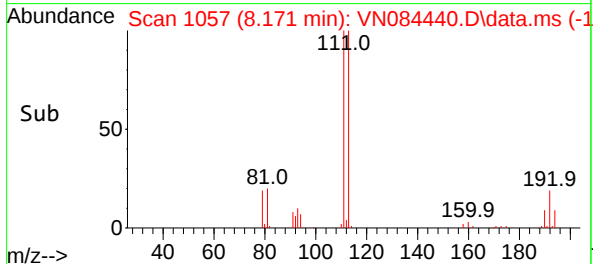
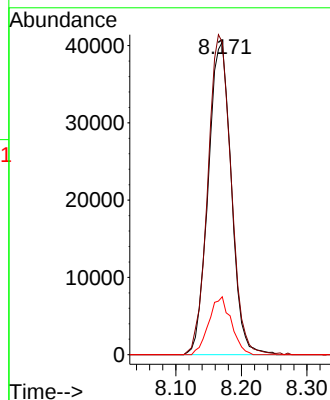
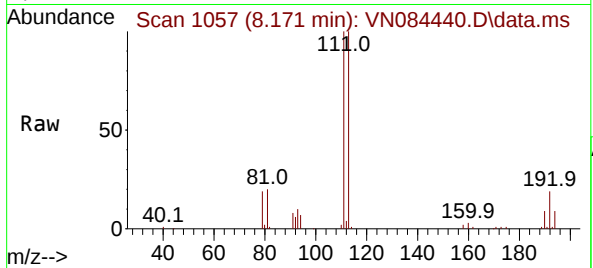




#35
Dibromofluoromethane
Concen: 50.660 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN084440.D
Acq: 21 Oct 2024 16:53

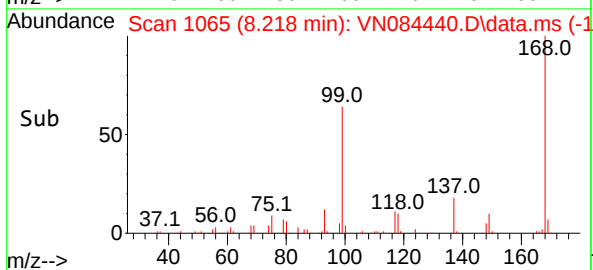
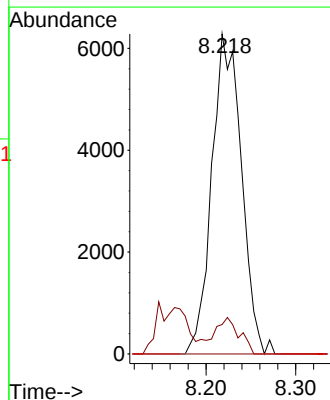
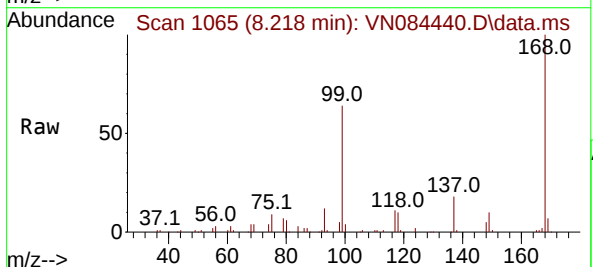
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-98-100

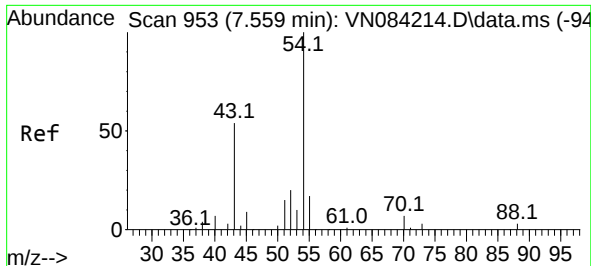
Tgt Ion:113 Resp: 98709
Ion Ratio Lower Upper
113 100
111 103.4 83.3 124.9
192 18.0 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.080 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN084440.D
Acq: 21 Oct 2024 16:53

Tgt Ion: 75 Resp: 14376
Ion Ratio Lower Upper
75 100
110 9.0 16.9 50.7#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.348 ug/l

RT: 7.494 min Scan# 94

Delta R.T. -0.065 min

Lab File: VN084440.D

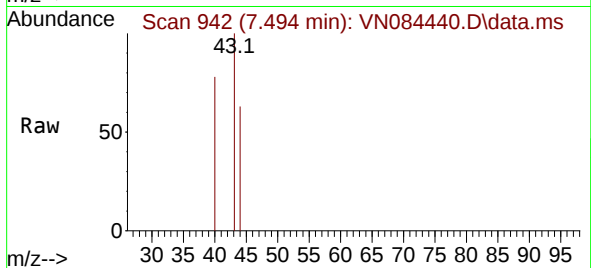
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Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-GW-98-100



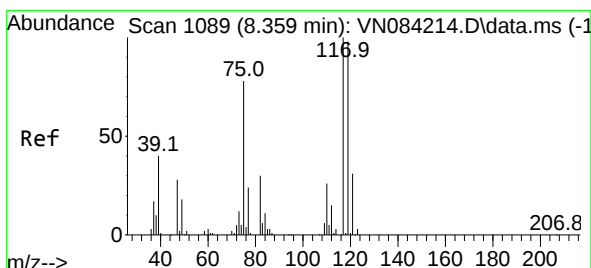
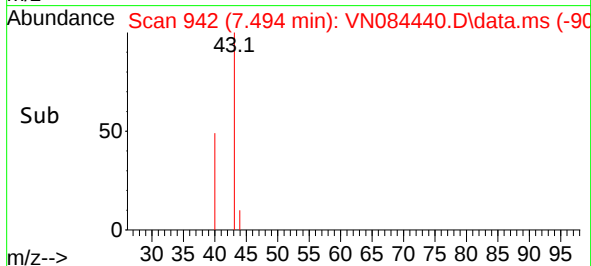
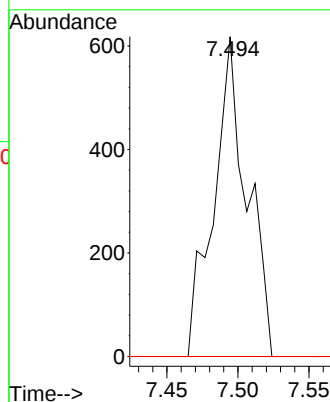
Tgt Ion: 43 Resp: 1011

Ion Ratio Lower Upper

43 100

61 0.0 10.7 16.1#

70 0.0 8.8 13.2#



#38

Carbon Tetrachloride

Concen: 6.044 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.129 min

Lab File: VN084440.D

Acq: 21 Oct 2024 16:53

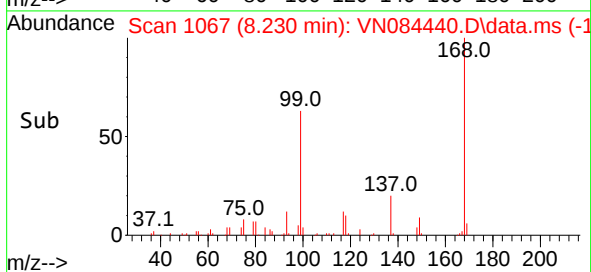
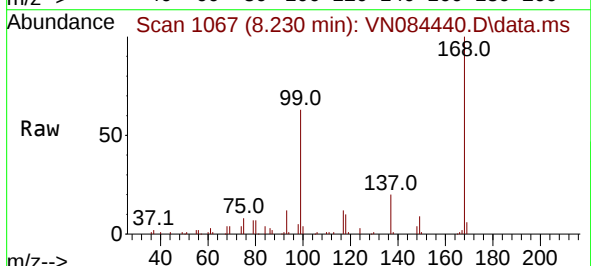
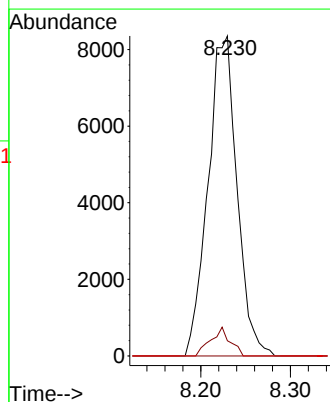
Tgt Ion: 117 Resp: 18764

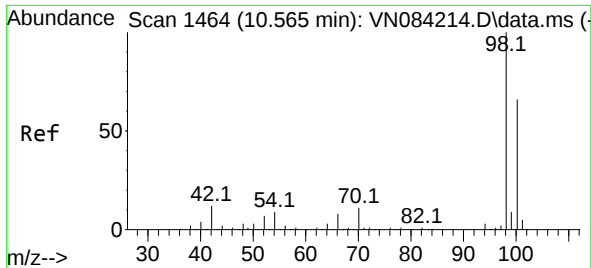
Ion Ratio Lower Upper

117 100

119 4.8 78.7 118.1#

121 0.0 24.4 36.6#

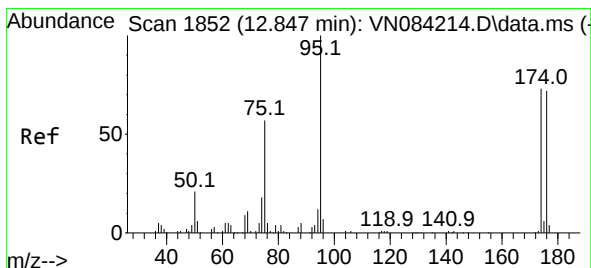
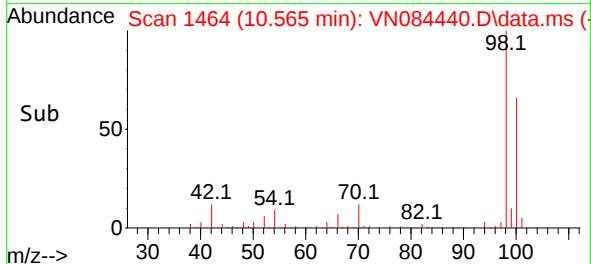
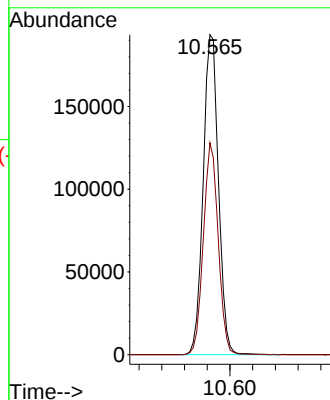
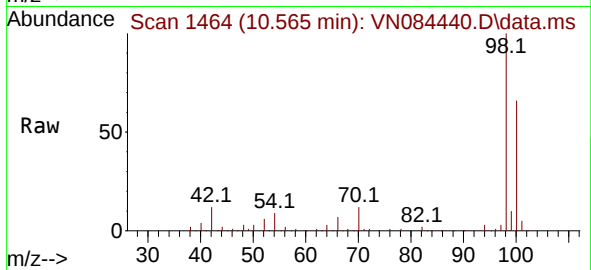




#50
Toluene-d8
Concen: 50.283 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084440.D
Acq: 21 Oct 2024 16:53

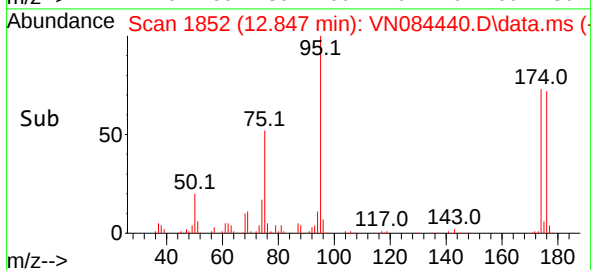
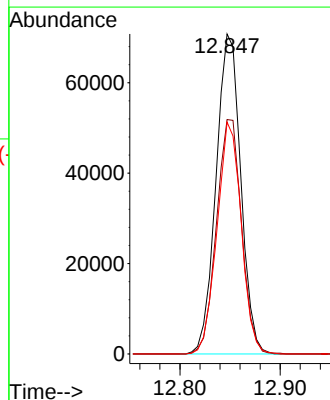
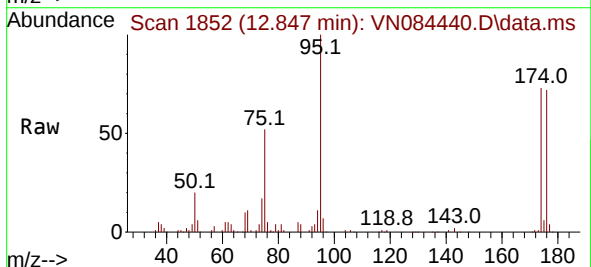
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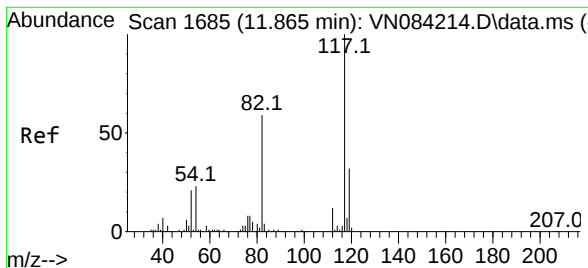
Tgt Ion: 98 Resp: 360459
Ion Ratio Lower Upper
98 100
100 64.3 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 46.371 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084440.D
Acq: 21 Oct 2024 16:53

Tgt Ion: 95 Resp: 121102
Ion Ratio Lower Upper
95 100
174 74.4 0.0 145.2
176 71.0 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084440.D

Acq: 21 Oct 2024 16:53

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-GW-98-100

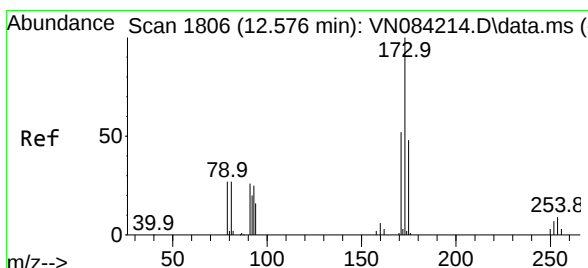
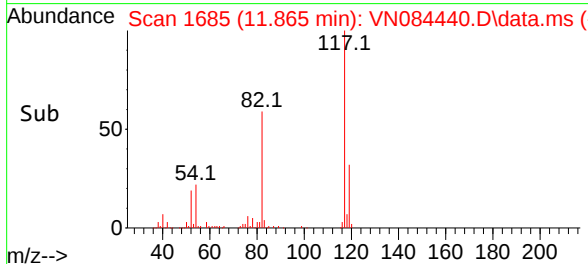
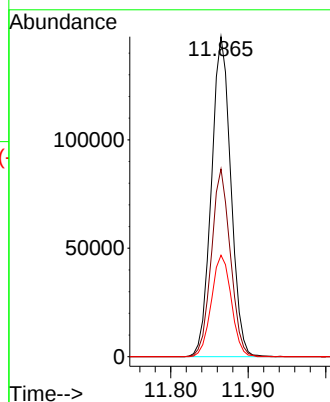
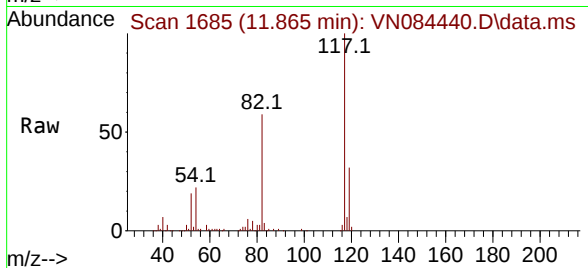
Tgt Ion:117 Resp: 256680

Ion Ratio Lower Upper

117 100

82 58.6 47.2 70.8

119 31.7 25.4 38.0



#71

Bromoform

Concen: 0.548 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.271 min

Lab File: VN084440.D

Acq: 21 Oct 2024 16:53

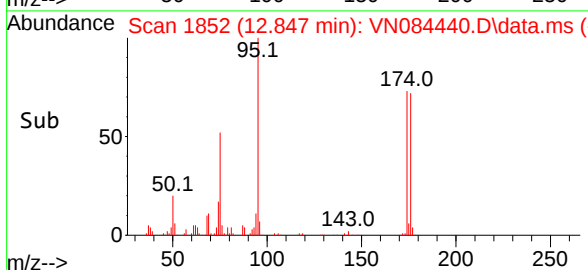
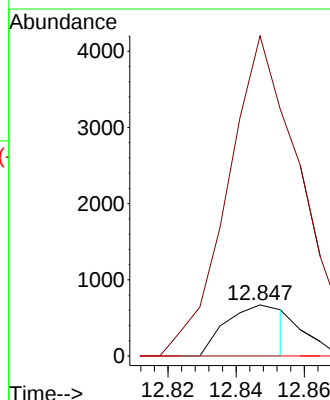
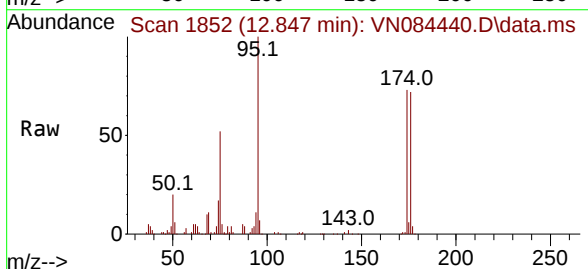
Tgt Ion:173 Resp: 791

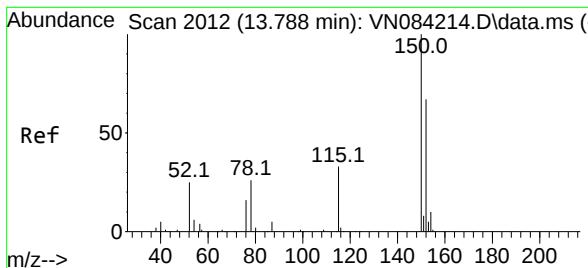
Ion Ratio Lower Upper

173 100

175 589.9 23.5 70.6#

254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084440.D

Acq: 21 Oct 2024 16:53

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-GW-98-100

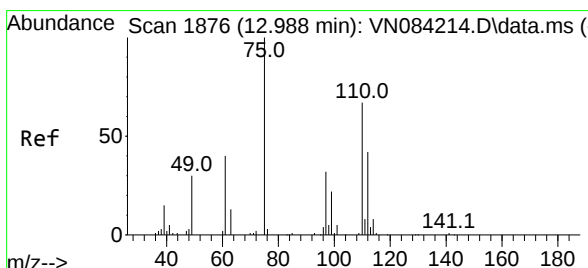
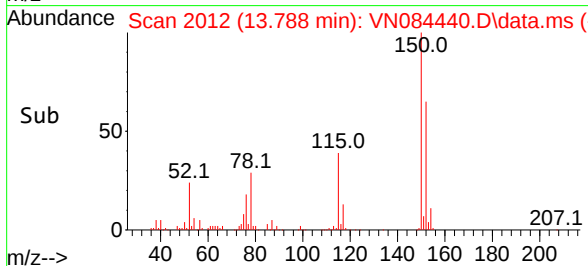
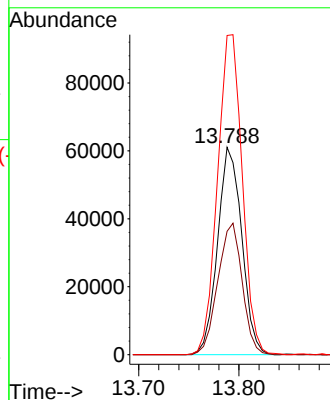
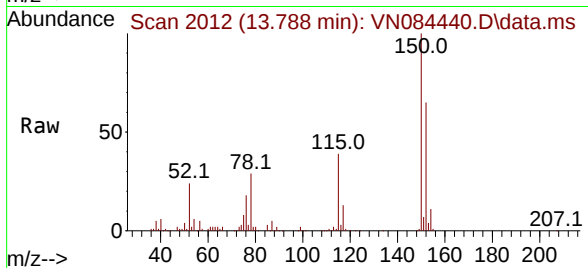
Tgt Ion:152 Resp: 102361

Ion Ratio Lower Upper

152 100

115 63.7 31.3 93.9

150 158.1 0.0 349.8



#76

1,2,3-Trichloropropane

Concen: 30.045 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084440.D

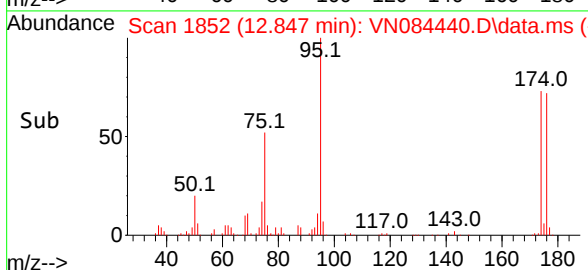
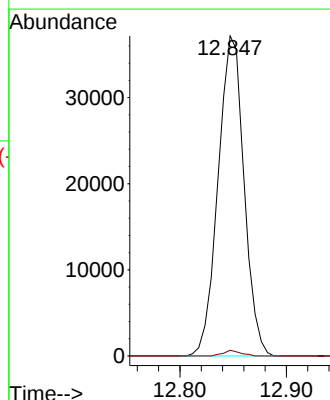
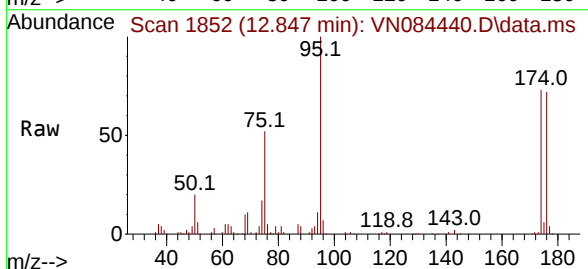
Acq: 21 Oct 2024 16:53

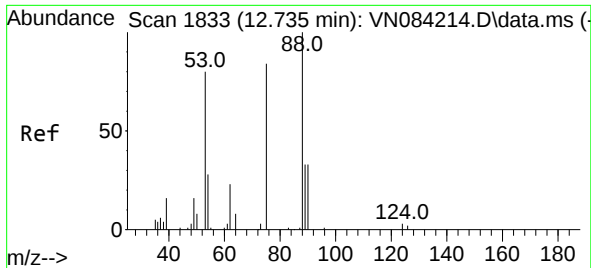
Tgt Ion: 75 Resp: 62785

Ion Ratio Lower Upper

75 100

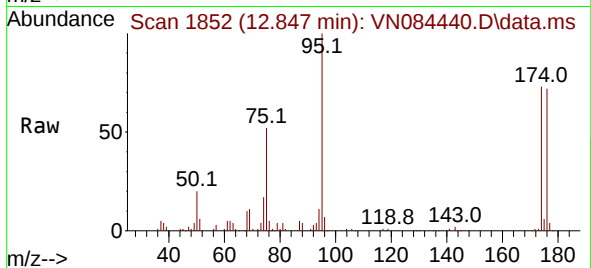
77 1.2 96.9 290.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.030 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN084440.D
 Acq: 21 Oct 2024 16:53

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-GW-98-100



Tgt Ion: 75 Resp: 62785
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 35.5 53.3#

