

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102124\
 Data File : VN084437.D
 Acq On : 21 Oct 2024 15:41
 Operator : JC\MD
 Sample : P4440-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 22 07:54:39 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)

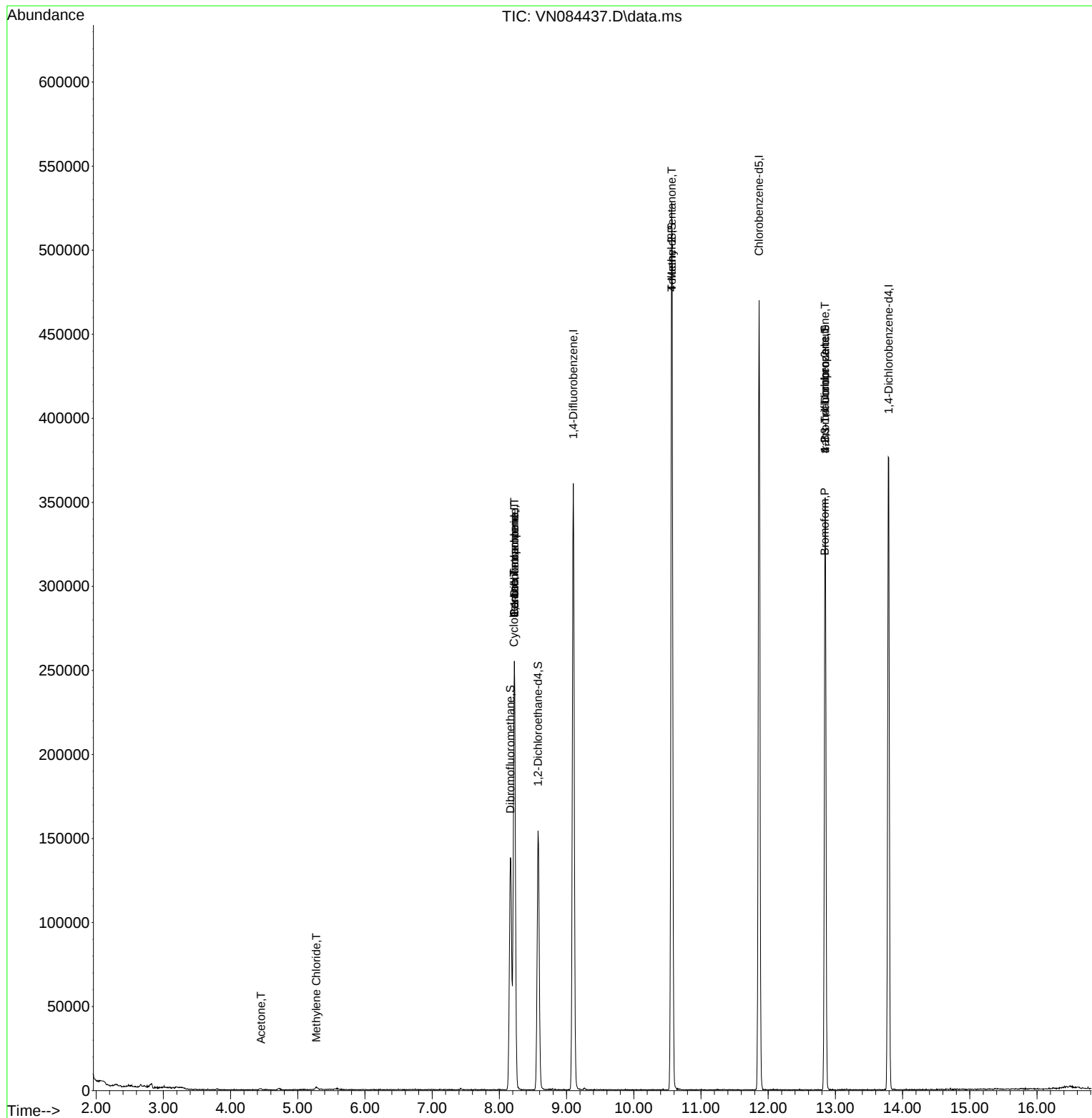
Internal Standards						
1) Pentafluorobenzene	8.224	168	177910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	264394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	103232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125403	47.540	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.080%
35) Dibromofluoromethane	8.165	113	102688	50.887	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.780%
50) Toluene-d8	10.565	98	364855	49.143	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.280%
62) 4-Bromofluorobenzene	12.847	95	123415	45.629	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.260%
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	1153	1.018	ug/l #	62
20) Methylene Chloride	5.277	84	983	0.427	ug/l #	86
31) Cyclohexane	8.218	56	4150	1.062	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	15970	5.448	ug/l #	50
38) Carbon Tetrachloride	8.224	117	19559	6.083	ug/l #	17
51) 4-Methyl-2-Pentanone	10.565	43	1520	0.531	ug/l #	1
71) Bromoform	12.841	173	773	0.520	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	64419	30.566	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	64419	73.282	ug/l #	11

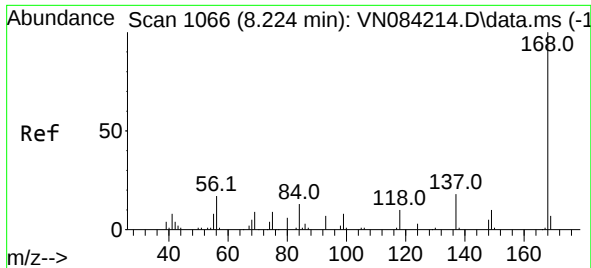
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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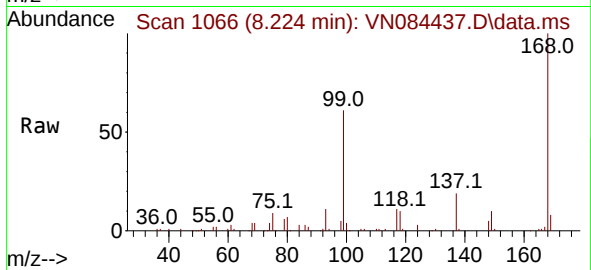
Quant Time: Oct 22 07:54:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
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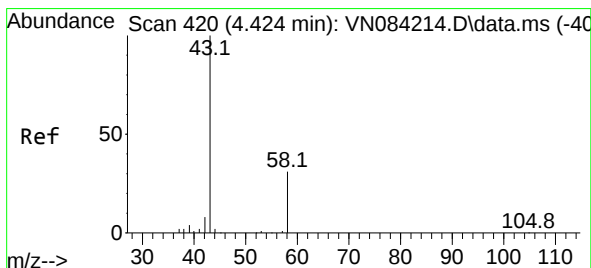
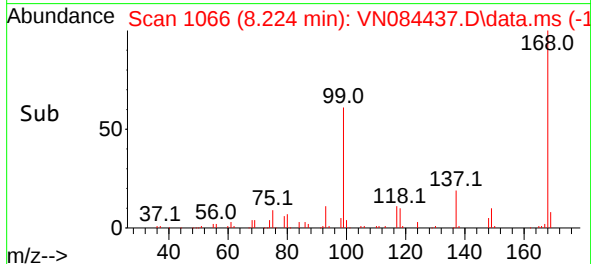
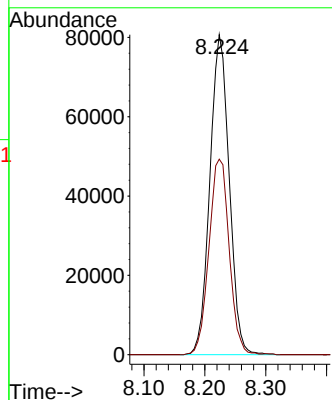


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084437.D
Acq: 21 Oct 2024 15:41

Instrument :
MSVOA_N
ClientSampleId :

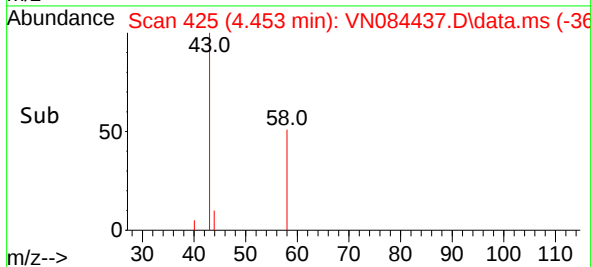
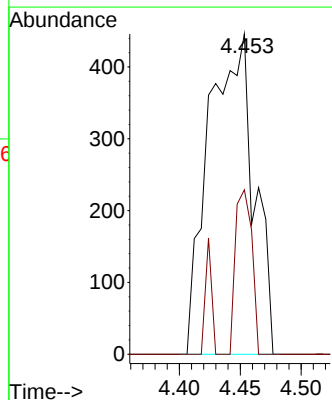
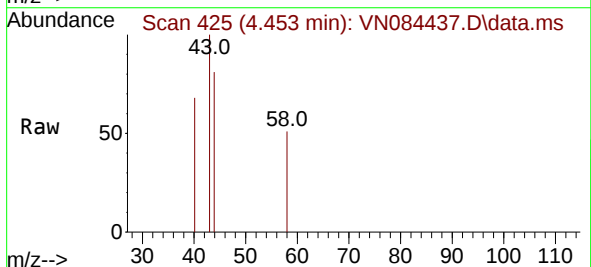


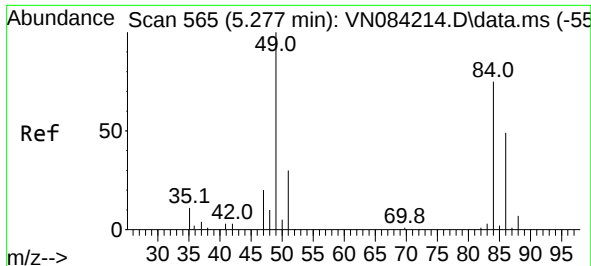
Tgt Ion:168 Resp: 177910
Ion Ratio Lower Upper
168 100
99 61.1 54.2 81.2



#16
Acetone
Concen: 1.018 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.029 min
Lab File: VN084437.D
Acq: 21 Oct 2024 15:41

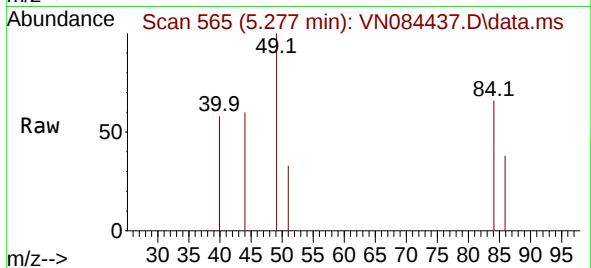
Tgt Ion: 43 Resp: 1153
Ion Ratio Lower Upper
43 100
58 51.3 24.4 36.6#



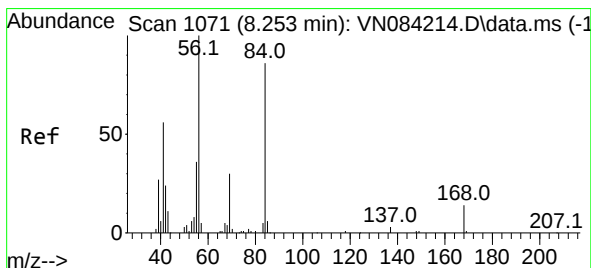
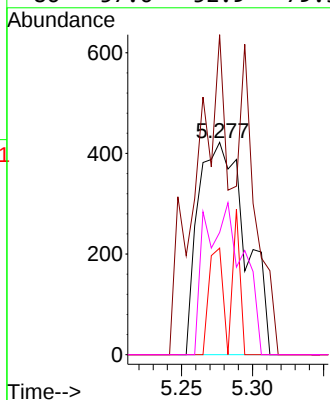
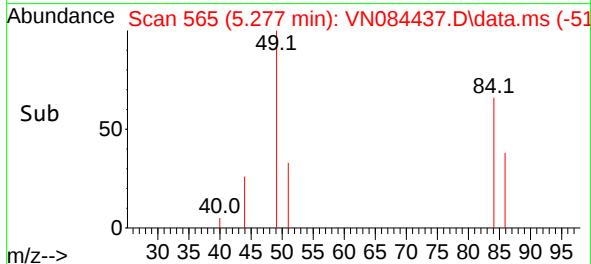


#20
Methylene Chloride
Concen: 0.427 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN084437.D
Acq: 21 Oct 2024 15:41

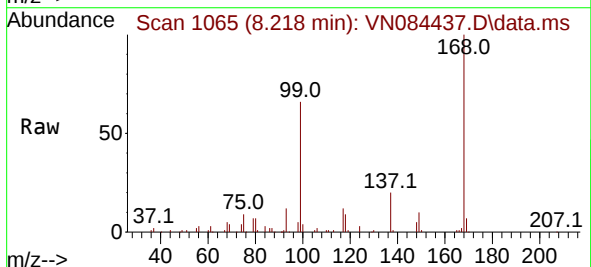
Instrument :
MSVOA_N
ClientSampleId :



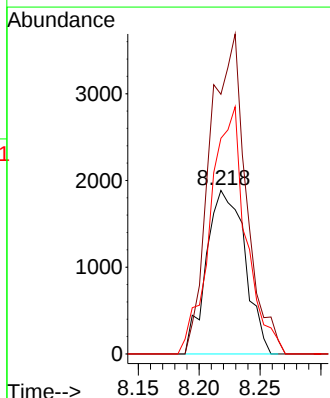
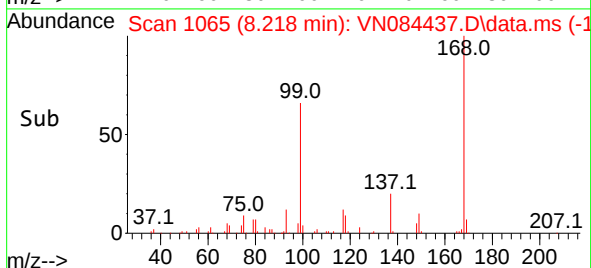
Tgt Ion:	84	Resp:	983
Ion	Ratio	Lower	Upper
84	100		
49	150.7	107.2	160.8
51	50.2	31.8	47.8#
86	57.6	52.9	79.3

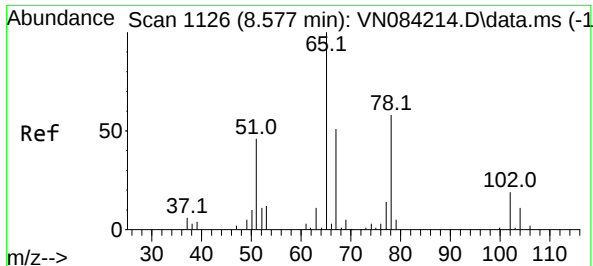


#31
Cyclohexane
Concen: 1.062 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084437.D
Acq: 21 Oct 2024 15:41



Tgt Ion:	56	Resp:	4150
Ion	Ratio	Lower	Upper
56	100		
69	158.8	23.8	35.6#
84	131.9	68.8	103.2#





#33

1,2-Dichloroethane-d4

Concen: 47.540 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084437.D

Acq: 21 Oct 2024 15:41

Instrument :

MSVOA_N

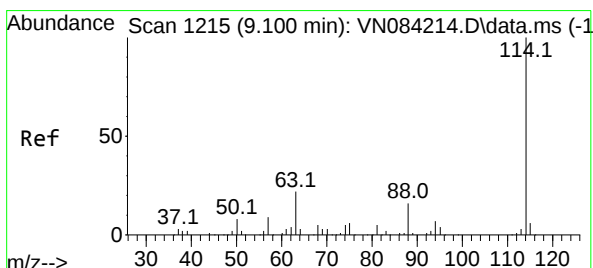
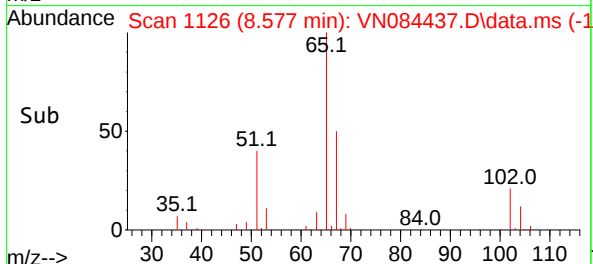
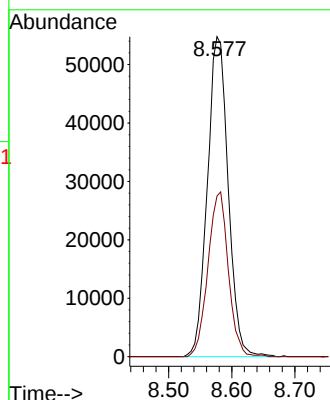
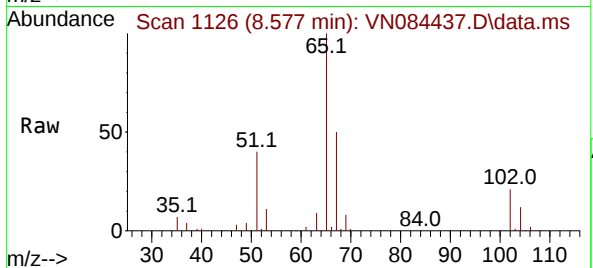
ClientSampleId :

Tgt Ion: 65 Resp: 125403

Ion Ratio Lower Upper

65 100

67 50.4 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: VN084437.D

Acq: 21 Oct 2024 15:41

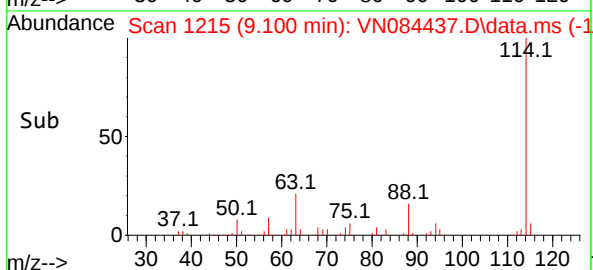
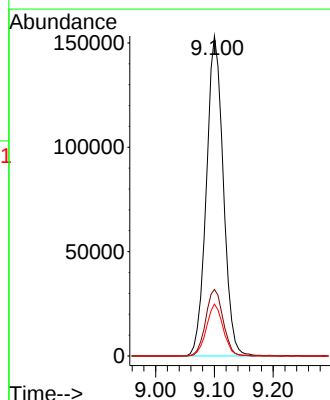
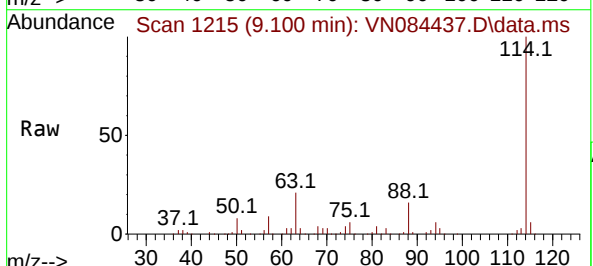
Tgt Ion: 114 Resp: 306096

Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.8

88 16.2 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.887 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084437.D

Acq: 21 Oct 2024 15:41

Instrument :

MSVOA_N

ClientSampleId :

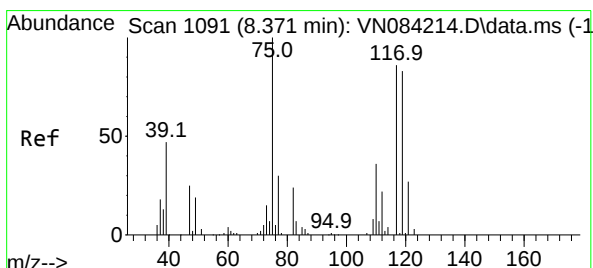
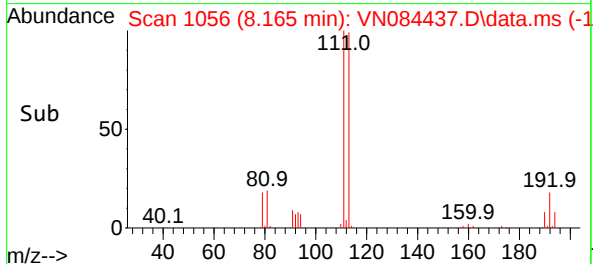
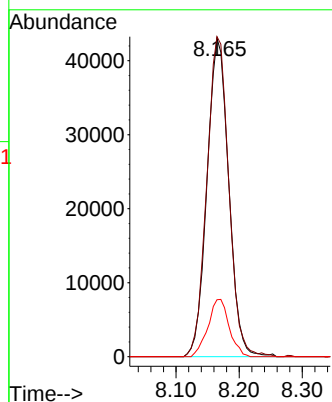
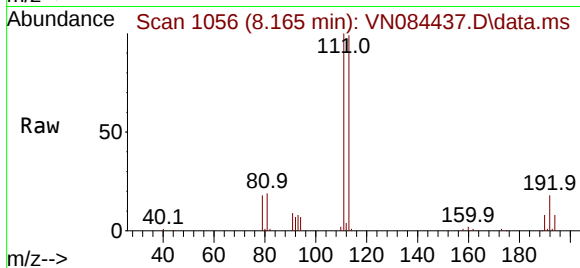
Tgt Ion:113 Resp: 102688

Ion Ratio Lower Upper

113 100

111 101.7 83.3 124.9

192 17.6 13.5 20.3



#36

1,1-Dichloropropene

Concen: 5.448 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084437.D

Acq: 21 Oct 2024 15:41

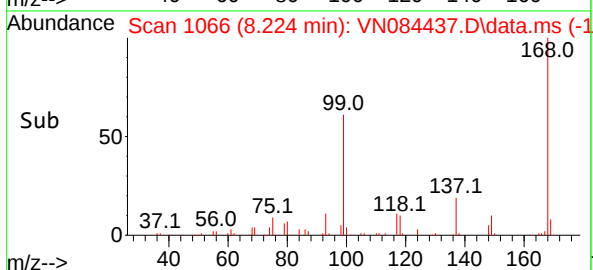
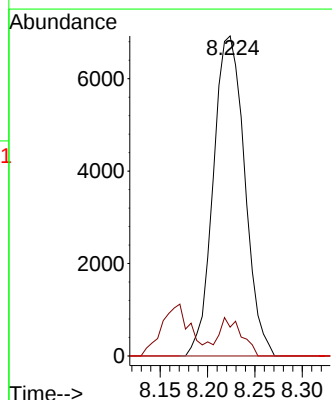
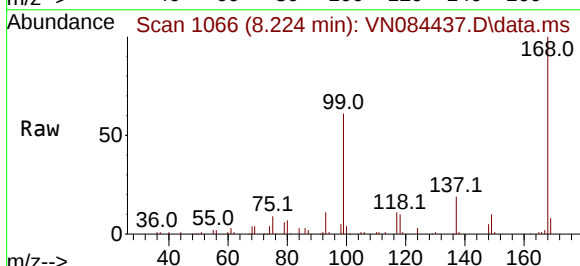
Tgt Ion: 75 Resp: 15970

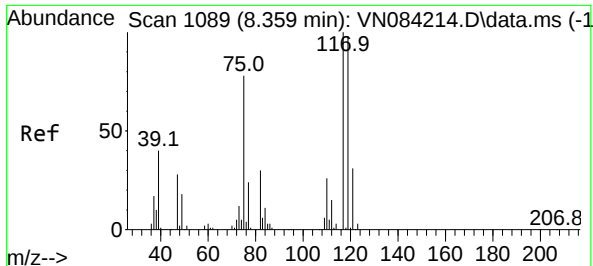
Ion Ratio Lower Upper

75 100

110 8.1 16.9 50.7#

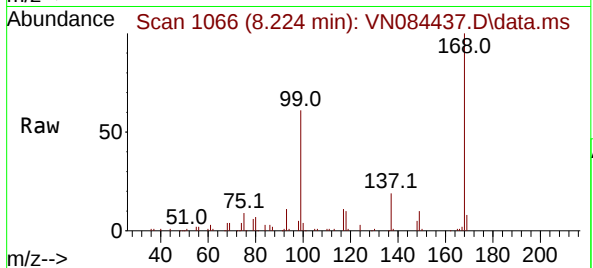
77 0.0 24.7 37.1#



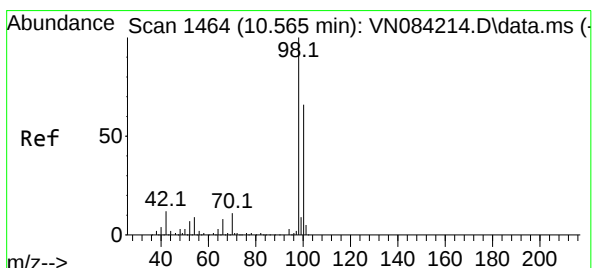
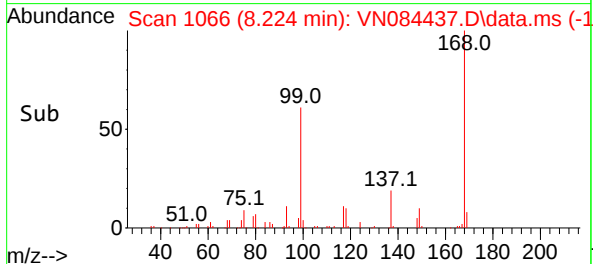
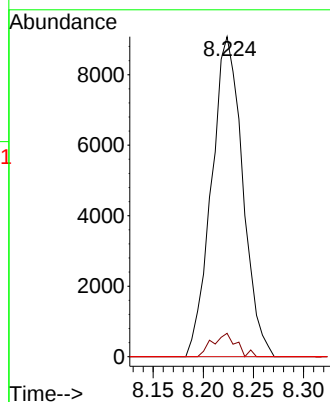


#38
Carbon Tetrachloride
Concen: 6.083 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084437.D
Acq: 21 Oct 2024 15:41

Instrument :
MSVOA_N
ClientSampleId :

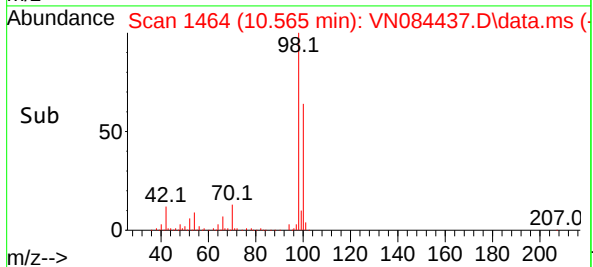
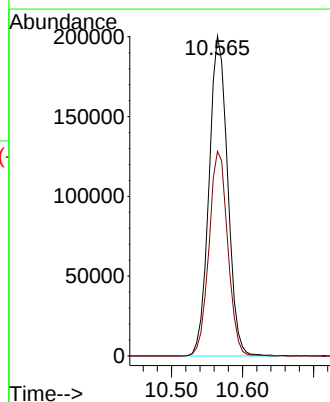
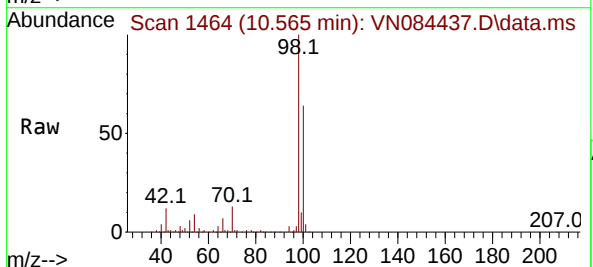


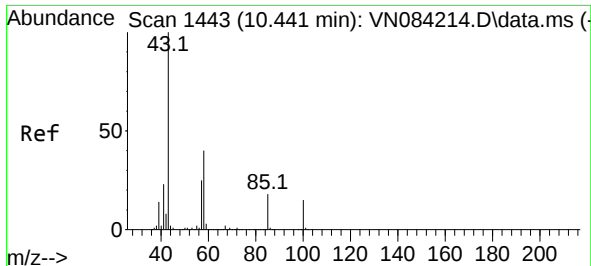
Tgt Ion:117 Resp: 19559
Ion Ratio Lower Upper
117 100
119 7.3 78.7 118.1#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.143 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084437.D
Acq: 21 Oct 2024 15:41

Tgt Ion: 98 Resp: 364855
Ion Ratio Lower Upper
98 100
100 64.5 52.7 79.1

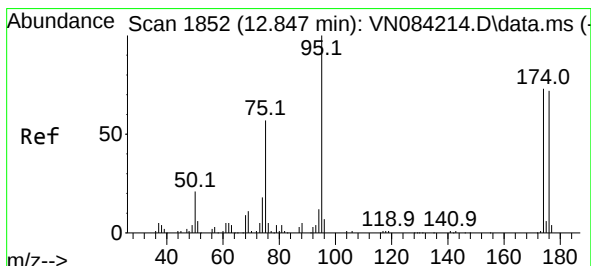
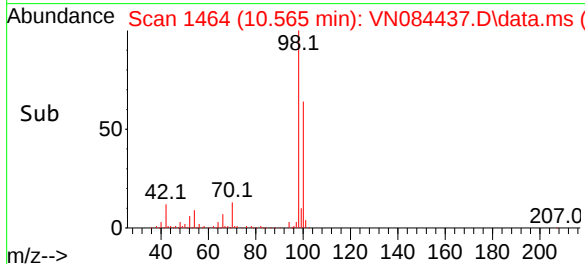
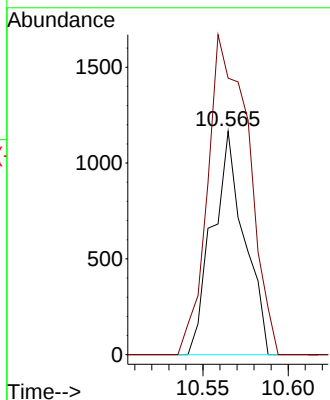
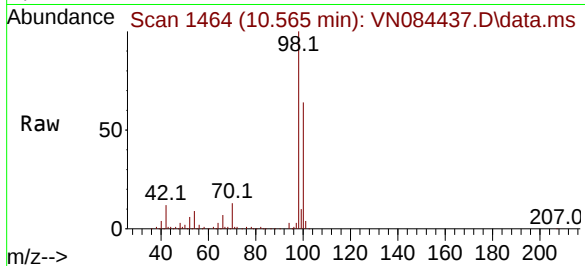




#51
4-Methyl-2-Pentanone
Concen: 0.531 ug/l
RT: 10.565 min Scan# 1443
Delta R.T. 0.123 min
Lab File: VN084437.D
Acq: 21 Oct 2024 15:41

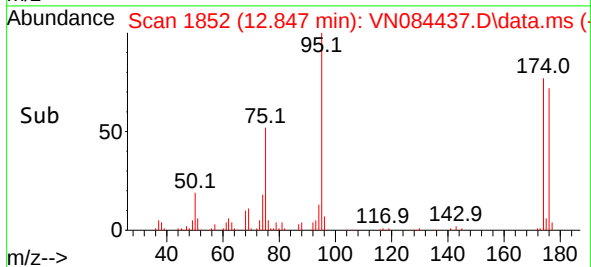
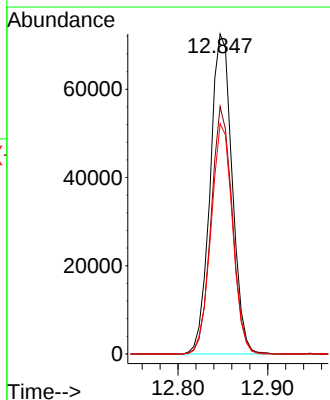
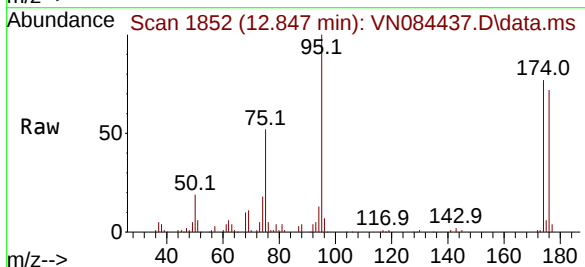
Instrument :
MSVOA_N
ClientSampleId :

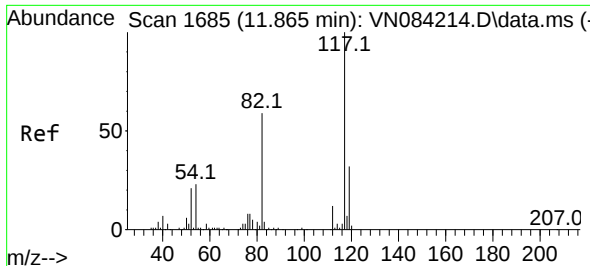
Tgt Ion: 43 Resp: 1520
Ion Ratio Lower Upper
43 100
58 183.5 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 45.629 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084437.D
Acq: 21 Oct 2024 15:41

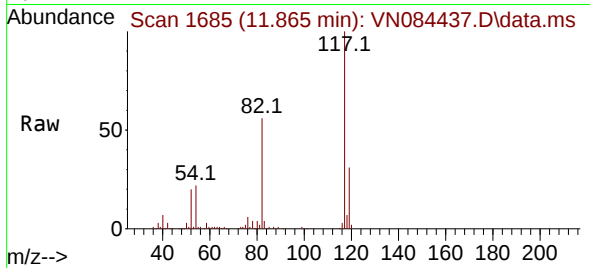
Tgt Ion: 95 Resp: 123415
Ion Ratio Lower Upper
95 100
174 74.5 0.0 145.2
176 70.5 0.0 140.0



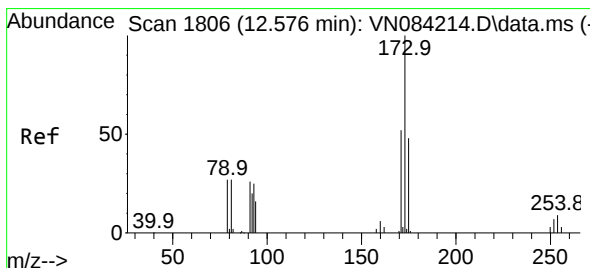
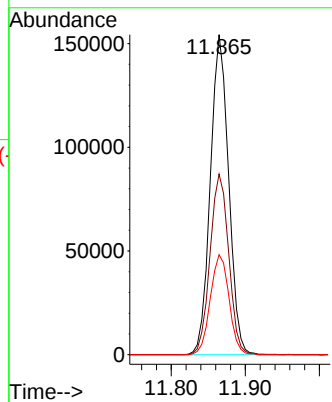
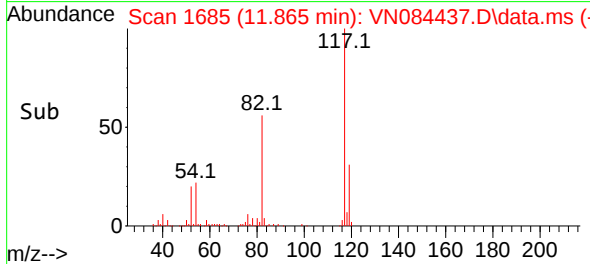


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084437.D
Acq: 21 Oct 2024 15:41

Instrument :
MSVOA_N
ClientSampleId :

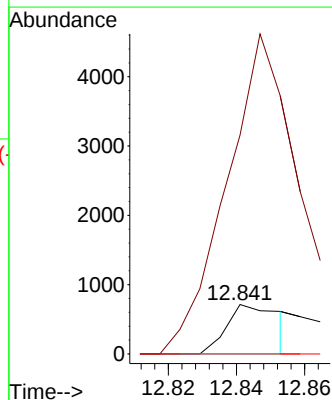
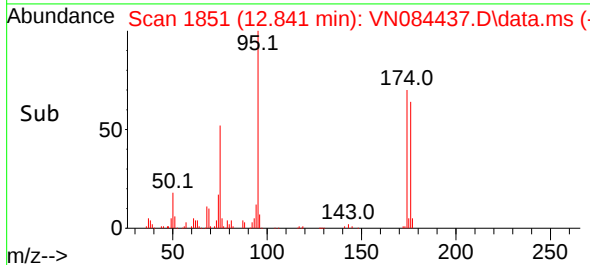
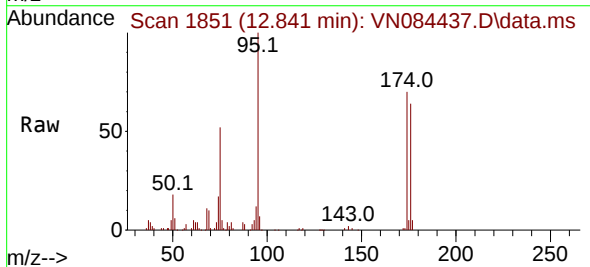


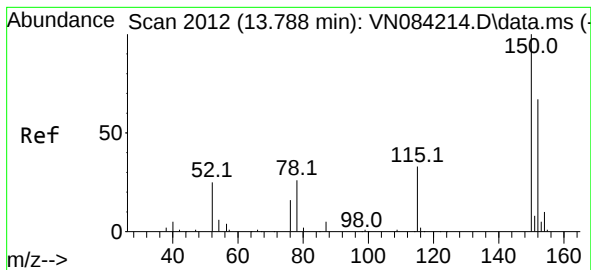
Tgt Ion:117 Resp: 264394
Ion Ratio Lower Upper
117 100
82 56.5 47.2 70.8
119 31.3 25.4 38.0



#71
Bromoform
Concen: 0.520 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN084437.D
Acq: 21 Oct 2024 15:41

Tgt Ion:173 Resp: 773
Ion Ratio Lower Upper
173 100
175 682.0 23.5 70.6#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.006 min

Lab File: VN084437.D

Acq: 21 Oct 2024 15:41

Instrument :

MSVOA_N

ClientSampleId :

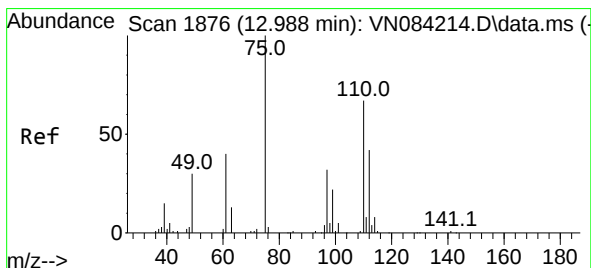
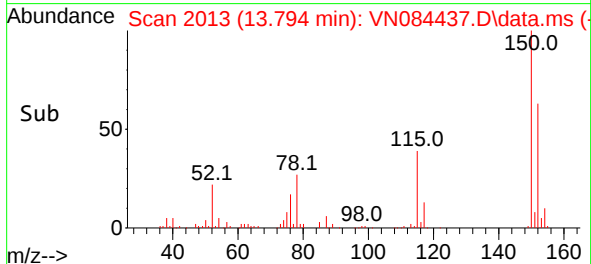
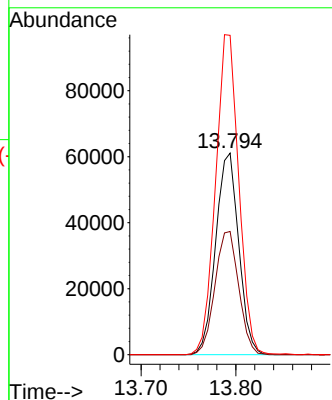
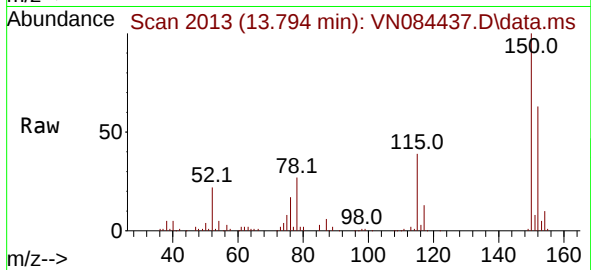
Tgt Ion:152 Resp: 103232

Ion Ratio Lower Upper

152 100

115 63.2 31.3 93.9

150 159.8 0.0 349.8



#76

1,2,3-Trichloropropane

Concen: 30.566 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084437.D

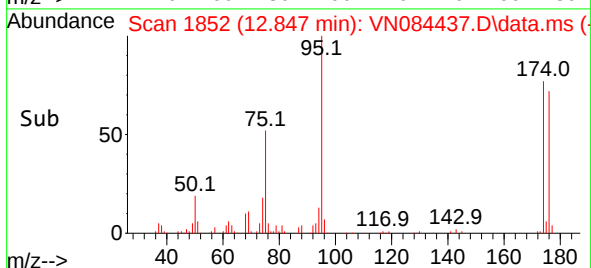
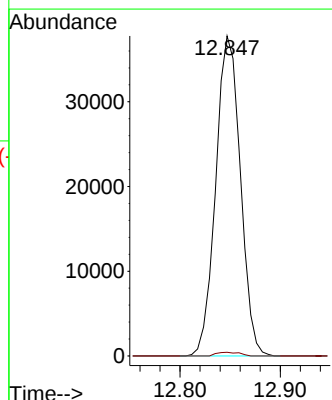
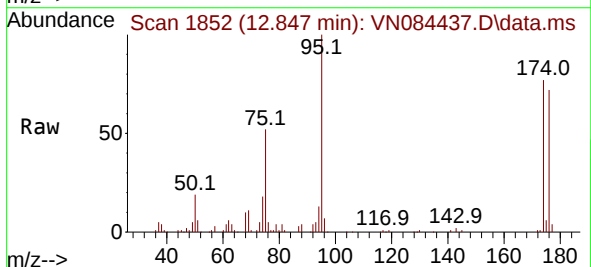
Acq: 21 Oct 2024 15:41

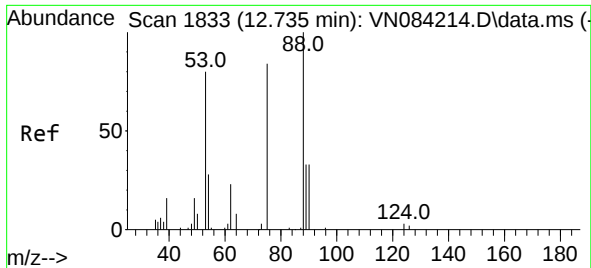
Tgt Ion: 75 Resp: 64419

Ion Ratio Lower Upper

75 100

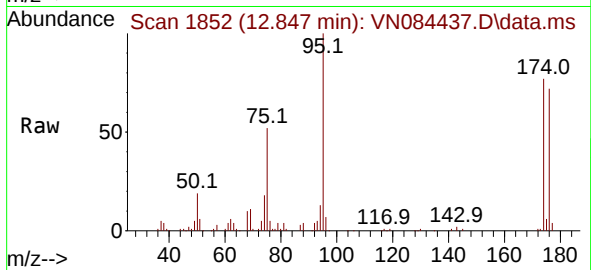
77 1.1 96.9 290.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.282 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN084437.D
 Acq: 21 Oct 2024 15:41

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 64419
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 35.5 53.3#

