

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100224\
 Data File : VN084277.D
 Acq On : 02 Oct 2024 20:09
 Operator : JC\MD
 Sample : P4226-22
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 03 02:05:07 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)

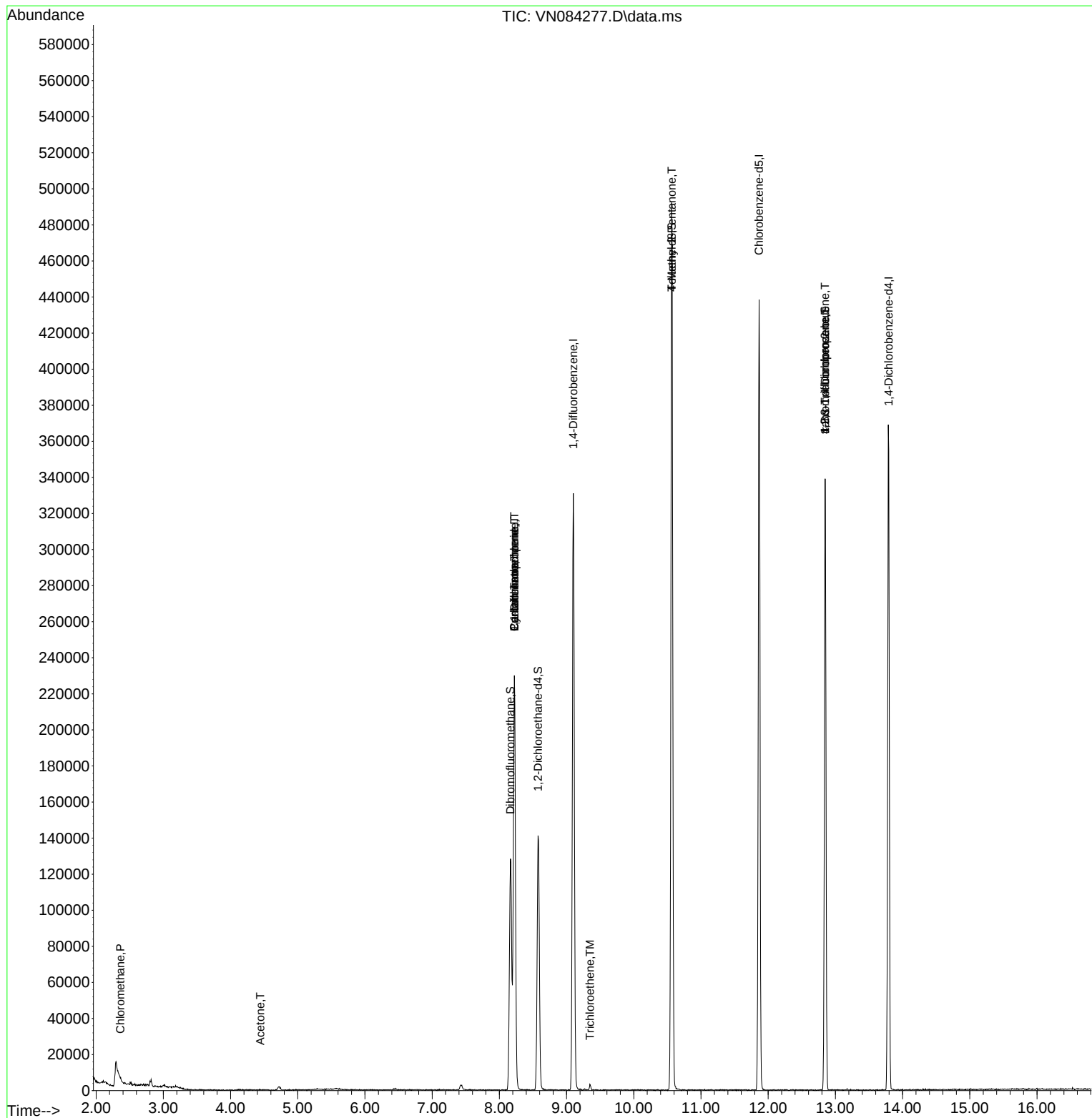
Internal Standards						
1) Pentafluorobenzene	8.224	168	159191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	243919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	119663	50.698	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.400%
35) Dibromofluoromethane	8.165	113	94165	51.798	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.600%
50) Toluene-d8	10.565	98	340855	50.962	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.920%
62) 4-Bromofluorobenzene	12.847	95	112343	46.106	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.220%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	919	0.427	ug/l #	41
16) Acetone	4.441	43	244	0.241	ug/l #	44
31) Cyclohexane	8.224	56	3830	1.096	ug/l #	27
36) 1,1-Dichloropropene	8.224	75	14271	5.404	ug/l #	51
38) Carbon Tetrachloride	8.224	117	17744	6.126	ug/l #	16
44) Trichloroethene	9.347	130	1103	0.574	ug/l	83
51) 4-Methyl-2-Pentanone	10.565	43	1293	0.501	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	61728	31.014	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	61728	74.355	ug/l #	11

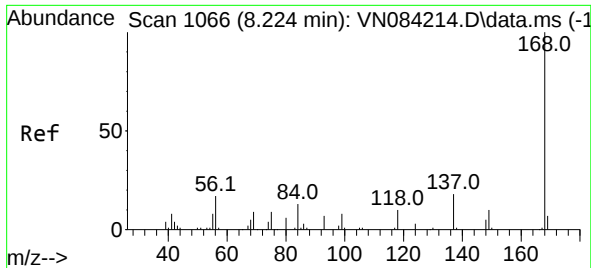
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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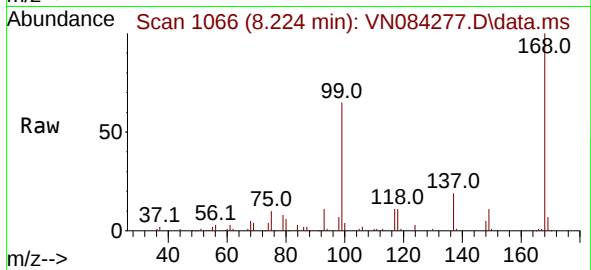
Quant Time: Oct 03 02:05:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
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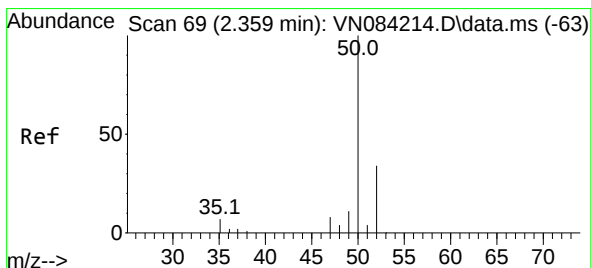
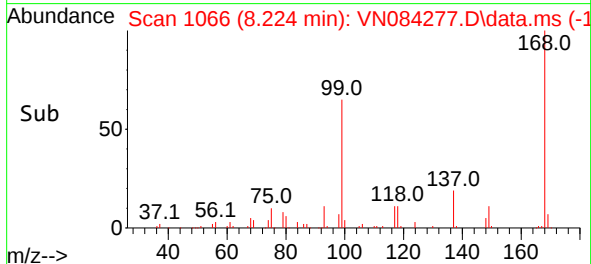
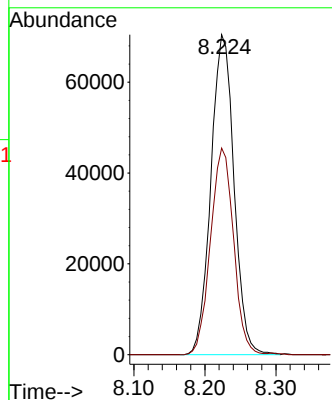


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084277.D
Acq: 02 Oct 2024 20:09

Instrument :
MSVOA_N
ClientSampleId :

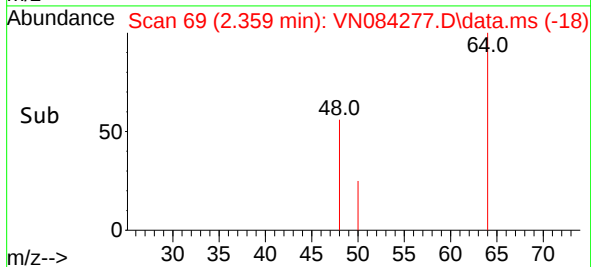
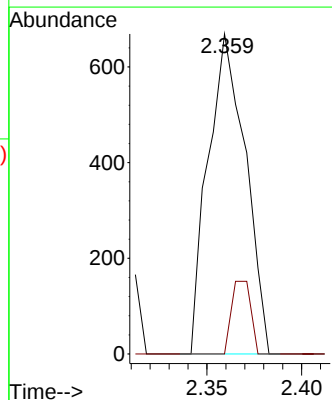
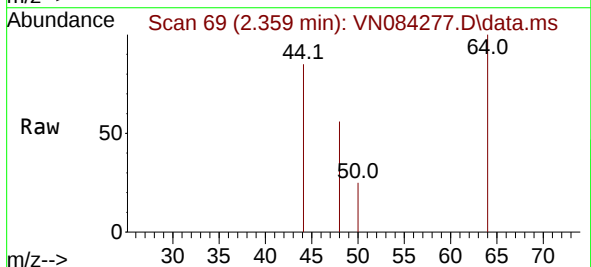


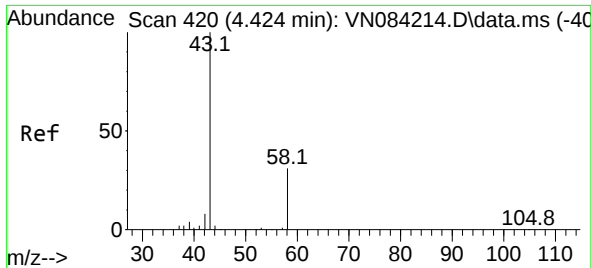
Tgt Ion:168 Resp: 159191
Ion Ratio Lower Upper
168 100
99 64.5 54.2 81.2



#3
Chloromethane
Concen: 0.427 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084277.D
Acq: 02 Oct 2024 20:09

Tgt Ion: 50 Resp: 919
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#





#16

Acetone

Concen: 0.241 ug/l

RT: 4.441 min Scan# 41

Delta R.T. 0.018 min

Lab File: VN084277.D

Acq: 02 Oct 2024 20:09

Instrument :

MSVOA_N

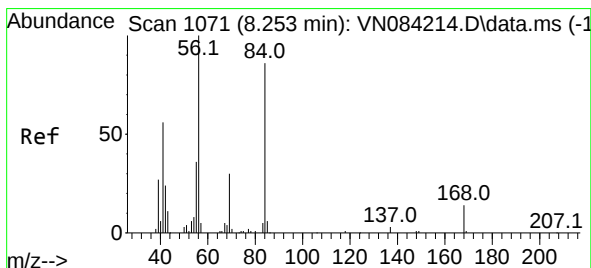
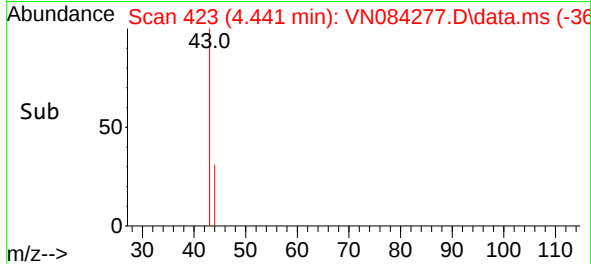
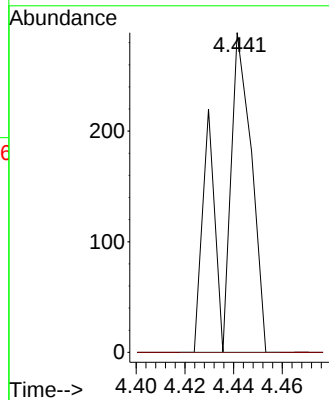
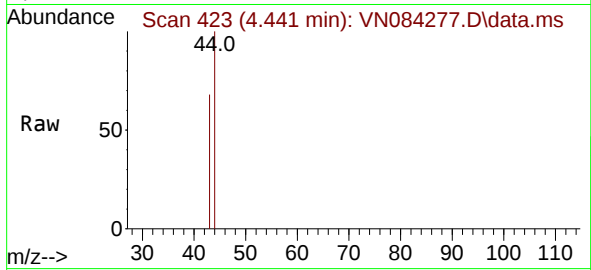
ClientSampleId :

Tgt Ion: 43 Resp: 244

Ion Ratio Lower Upper

43 100

58 0.0 24.4 36.6#



#31

Cyclohexane

Concen: 1.096 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.030 min

Lab File: VN084277.D

Acq: 02 Oct 2024 20:09

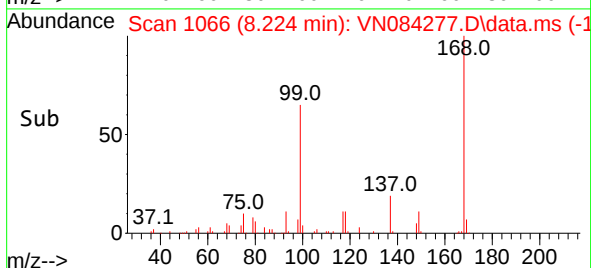
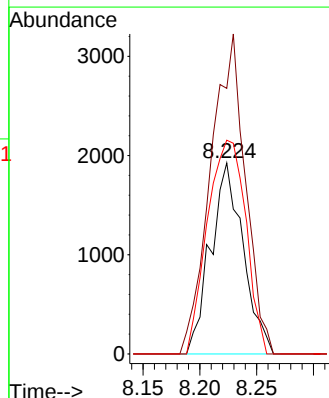
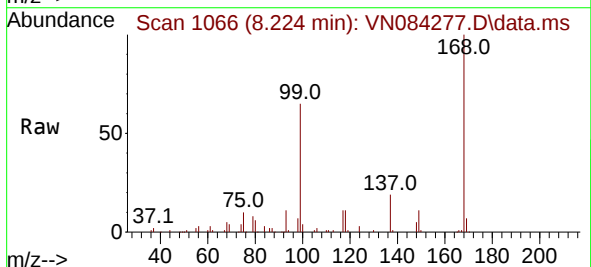
Tgt Ion: 56 Resp: 3830

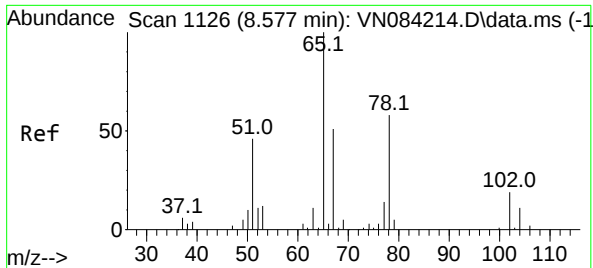
Ion Ratio Lower Upper

56 100

69 139.0 23.8 35.6#

84 111.9 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 50.698 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084277.D

Acq: 02 Oct 2024 20:09

Instrument :

MSVOA_N

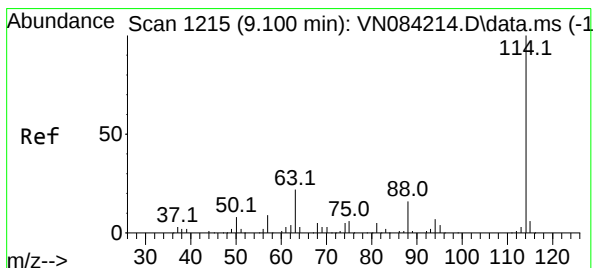
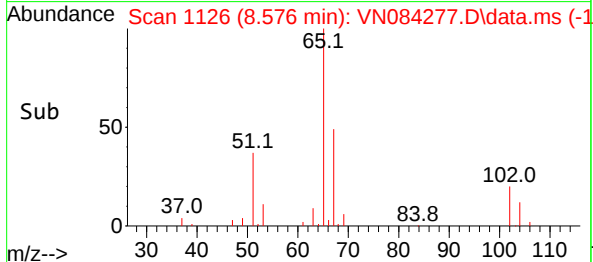
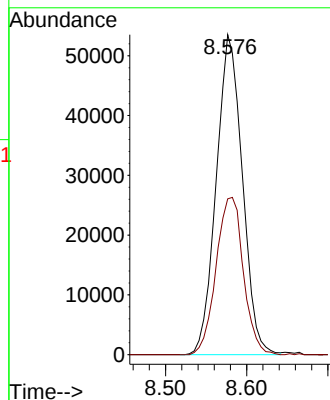
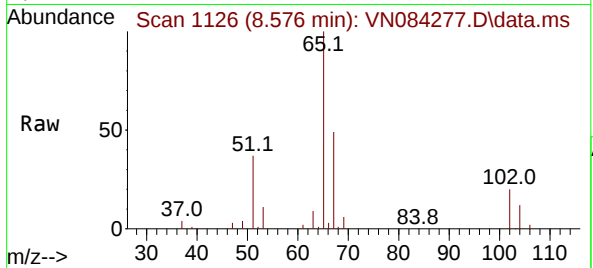
ClientSampleId :

Tgt Ion: 65 Resp: 119663

Ion Ratio Lower Upper

65 100

67 51.3 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: VN084277.D

Acq: 02 Oct 2024 20:09

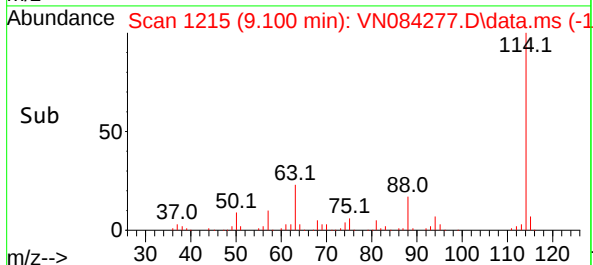
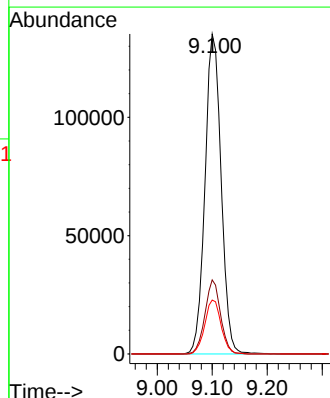
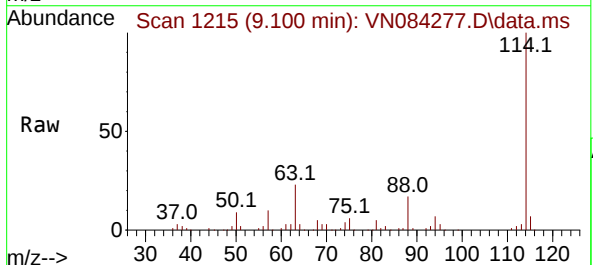
Tgt Ion: 114 Resp: 275753

Ion Ratio Lower Upper

114 100

63 23.2 0.0 43.8

88 16.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.798 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084277.D

Acq: 02 Oct 2024 20:09

Instrument :

MSVOA_N

ClientSampleId :

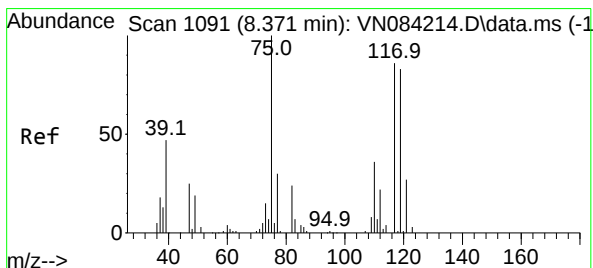
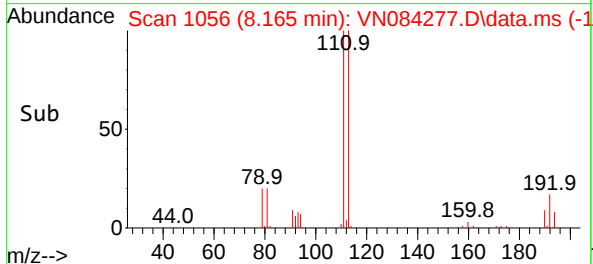
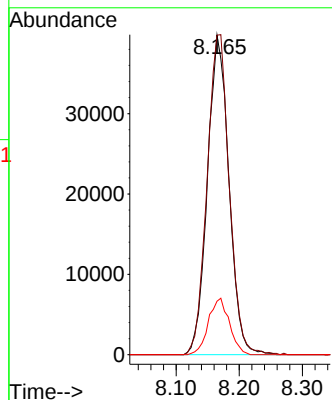
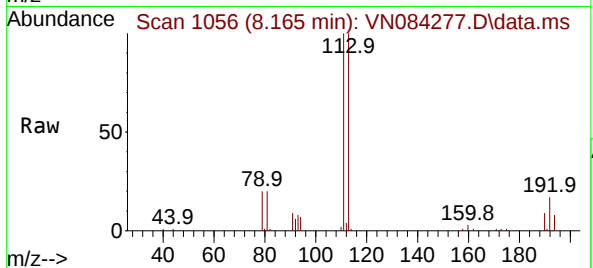
Tgt Ion:113 Resp: 94165

Ion Ratio Lower Upper

113 100

111 103.3 83.3 124.9

192 17.2 13.5 20.3



#36

1,1-Dichloropropene

Concen: 5.404 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084277.D

Acq: 02 Oct 2024 20:09

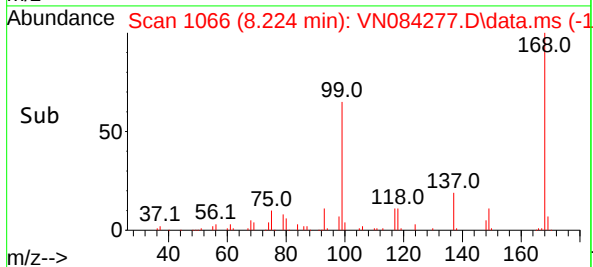
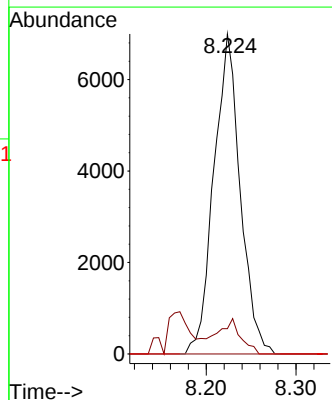
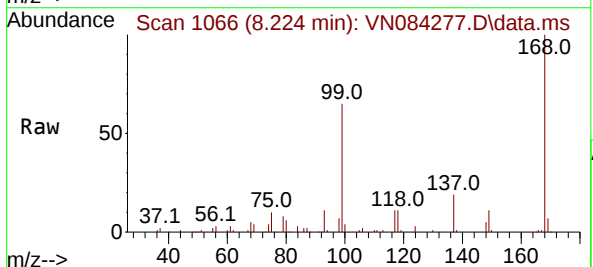
Tgt Ion: 75 Resp: 14271

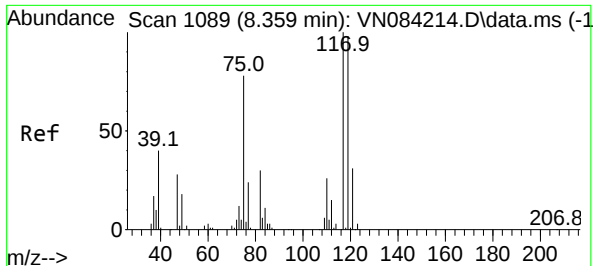
Ion Ratio Lower Upper

75 100

110 9.4 16.9 50.7#

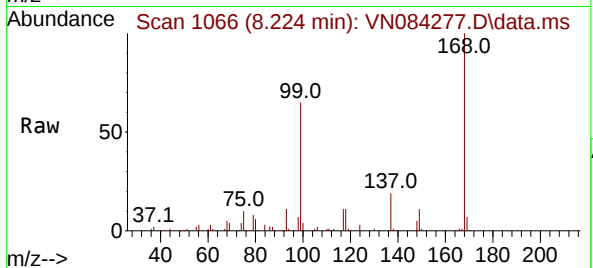
77 0.0 24.7 37.1#



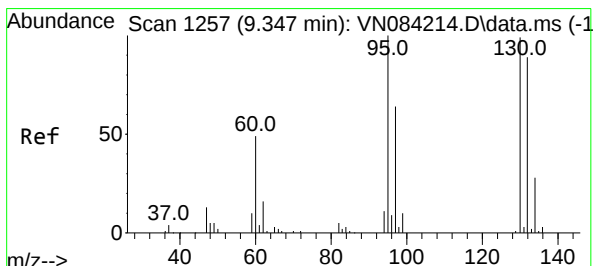
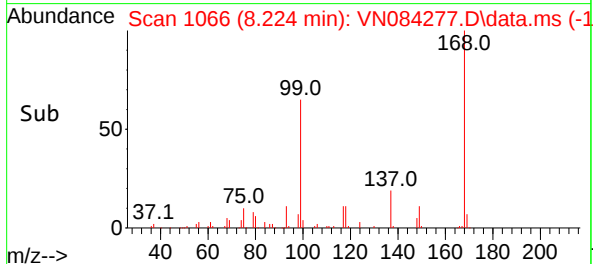
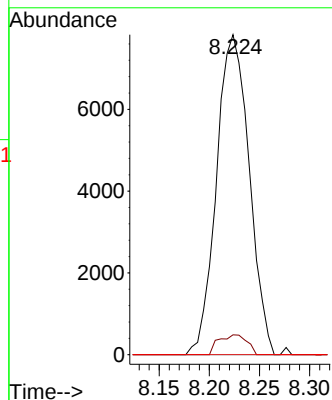


#38
Carbon Tetrachloride
Concen: 6.126 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084277.D
Acq: 02 Oct 2024 20:09

Instrument :
MSVOA_N
ClientSampleId :

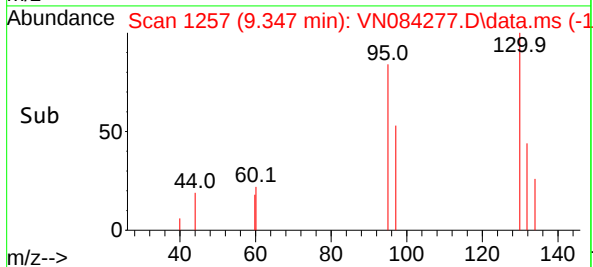
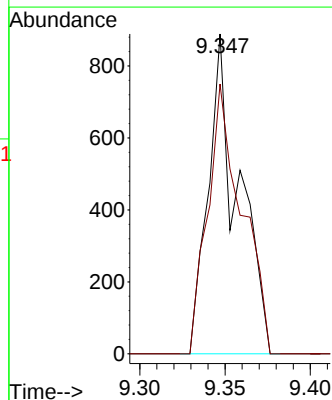
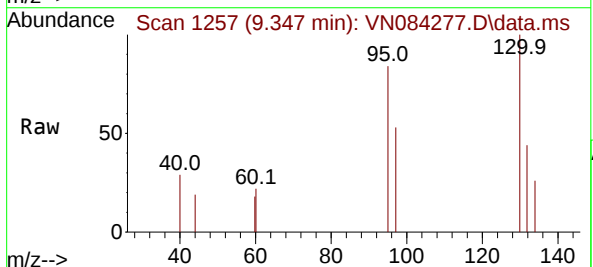


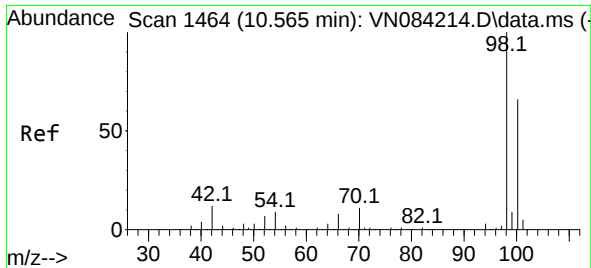
Tgt Ion:117 Resp: 17744
Ion Ratio Lower Upper
117 100
119 6.2 78.7 118.1#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.574 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN084277.D
Acq: 02 Oct 2024 20:09

Tgt Ion:130 Resp: 1103
Ion Ratio Lower Upper
130 100
95 84.4 0.0 203.0

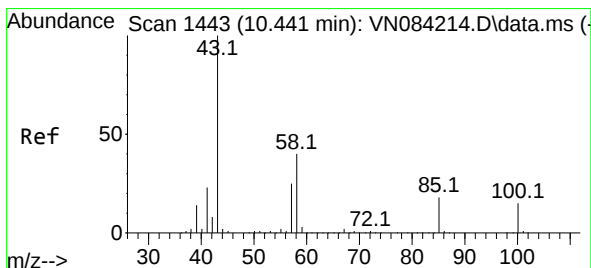
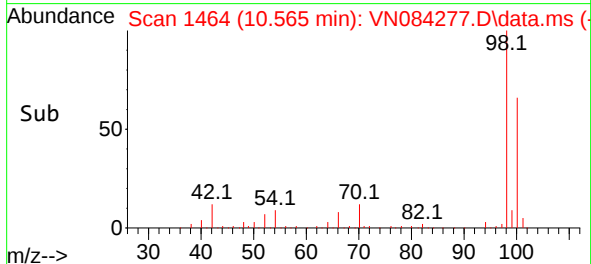
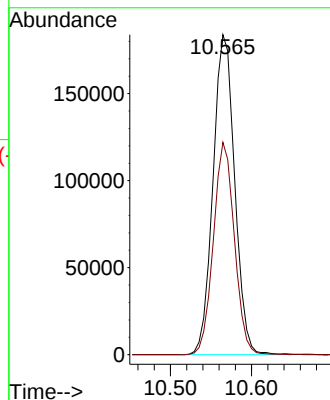
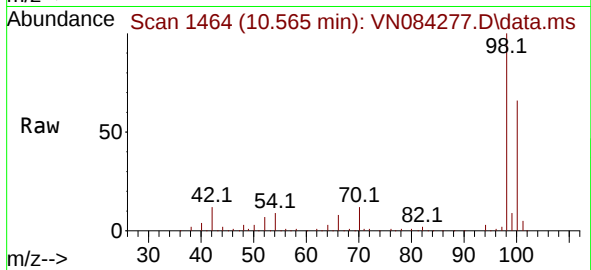




#50
Toluene-d8
Concen: 50.962 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084277.D
Acq: 02 Oct 2024 20:09

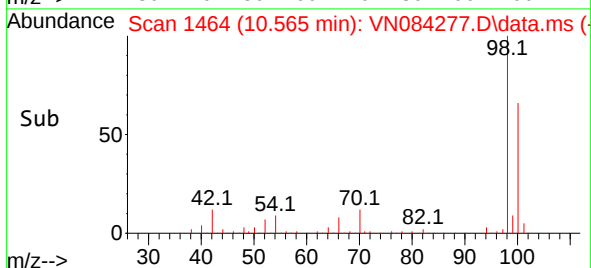
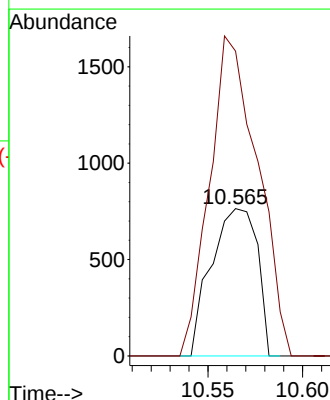
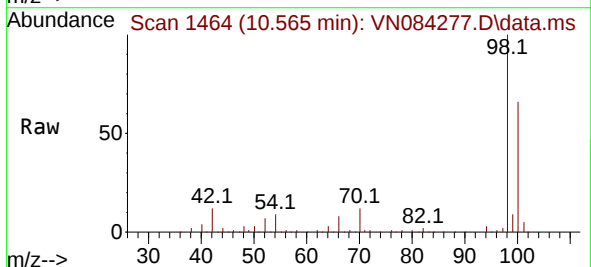
Instrument :
MSVOA_N
ClientSampleId :

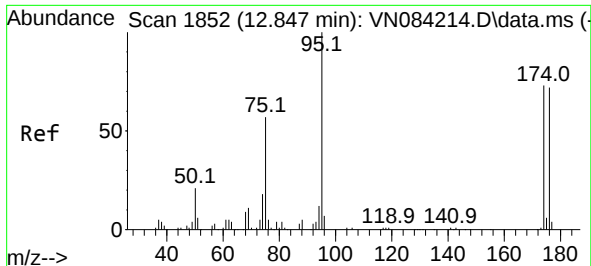
Tgt Ion: 98 Resp: 340855
Ion Ratio Lower Upper
98 100
100 64.4 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.501 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.123 min
Lab File: VN084277.D
Acq: 02 Oct 2024 20:09

Tgt Ion: 43 Resp: 1293
Ion Ratio Lower Upper
43 100
58 226.5 31.6 47.4#

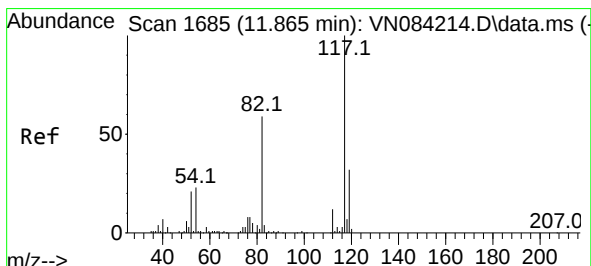
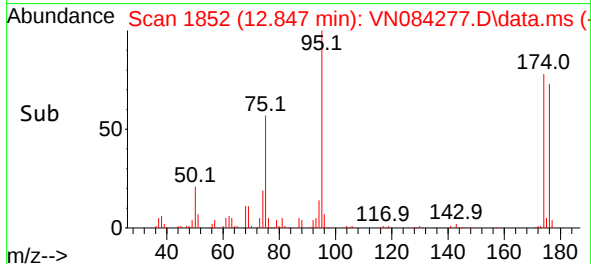
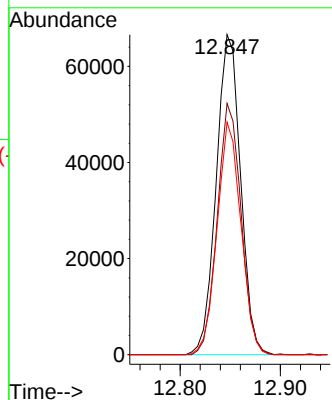
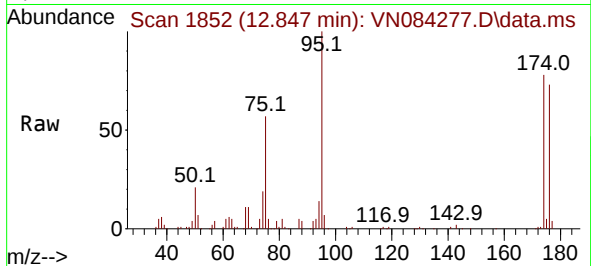




#62
4-Bromofluorobenzene
Concen: 46.106 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084277.D
Acq: 02 Oct 2024 20:09

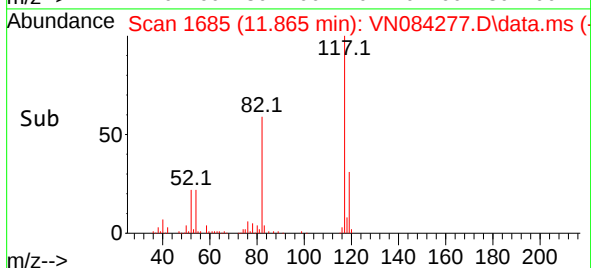
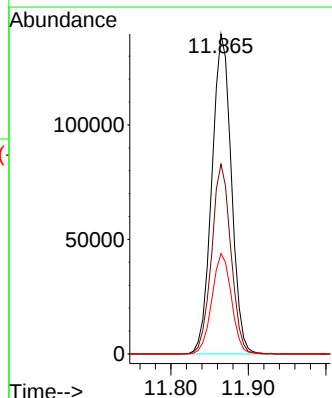
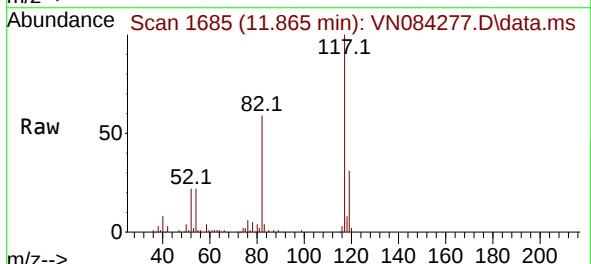
Instrument :
MSVOA_N
ClientSampleId :

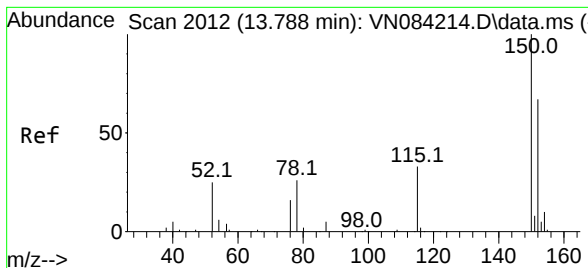
Tgt Ion: 95 Resp: 112343
Ion Ratio Lower Upper
95 100
174 76.8 0.0 145.2
176 71.4 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084277.D
Acq: 02 Oct 2024 20:09

Tgt Ion: 117 Resp: 243919
Ion Ratio Lower Upper
117 100
82 59.3 47.2 70.8
119 31.3 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.006 min

Lab File: VN084277.D

Acq: 02 Oct 2024 20:09

Instrument :

MSVOA_N

ClientSampleId :

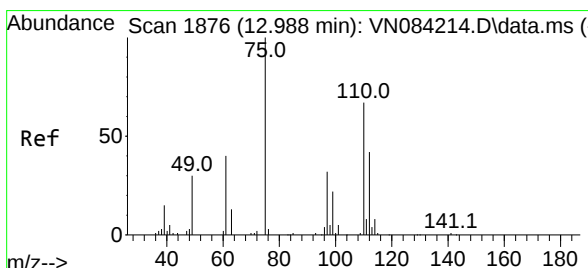
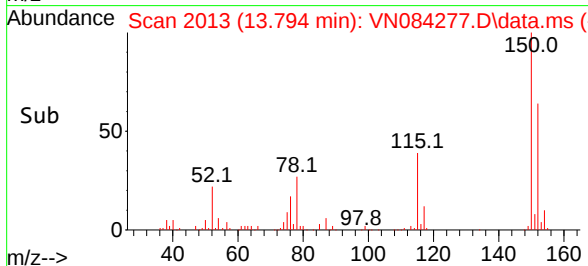
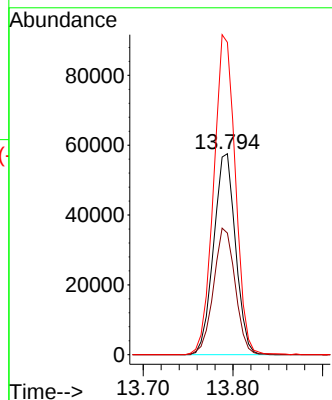
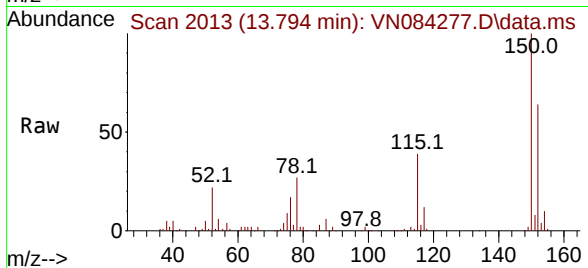
Tgt Ion:152 Resp: 97492

Ion Ratio Lower Upper

152 100

115 62.3 31.3 93.9

150 158.0 0.0 349.8



#76

1,2,3-Trichloropropane

Concen: 31.014 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084277.D

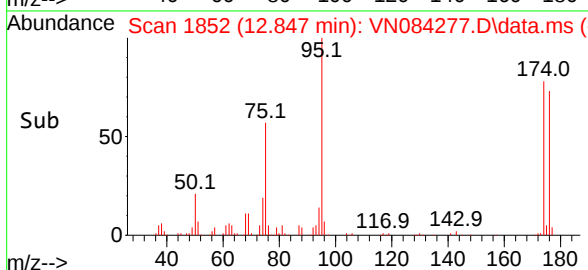
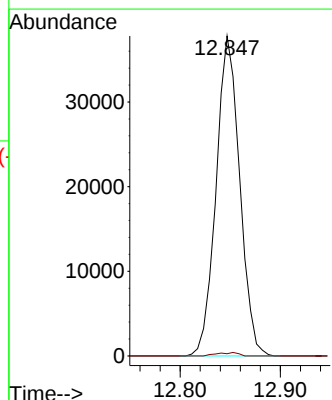
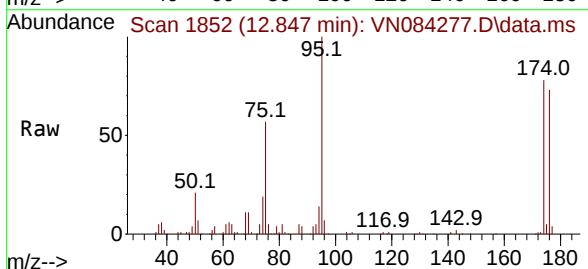
Acq: 02 Oct 2024 20:09

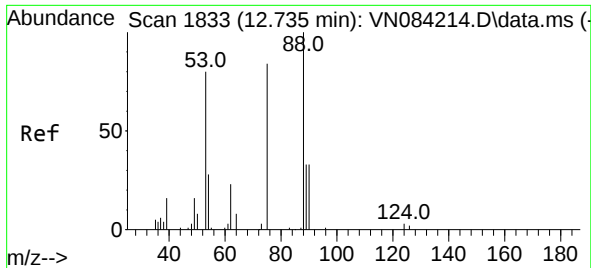
Tgt Ion: 75 Resp: 61728

Ion Ratio Lower Upper

75 100

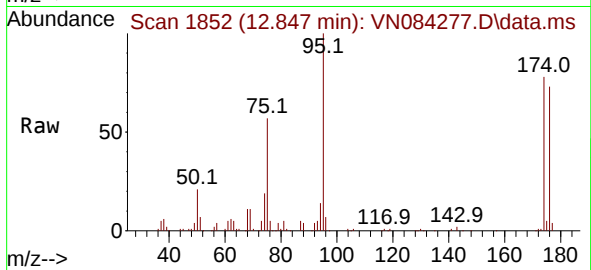
77 1.0 96.9 290.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 74.355 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084277.D
Acq: 02 Oct 2024 20:09

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 61728
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

