

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102124\
 Data File : VN084446.D
 Acq On : 21 Oct 2024 19:16
 Operator : JC\MD
 Sample : P4460-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 22 07:57:41 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)

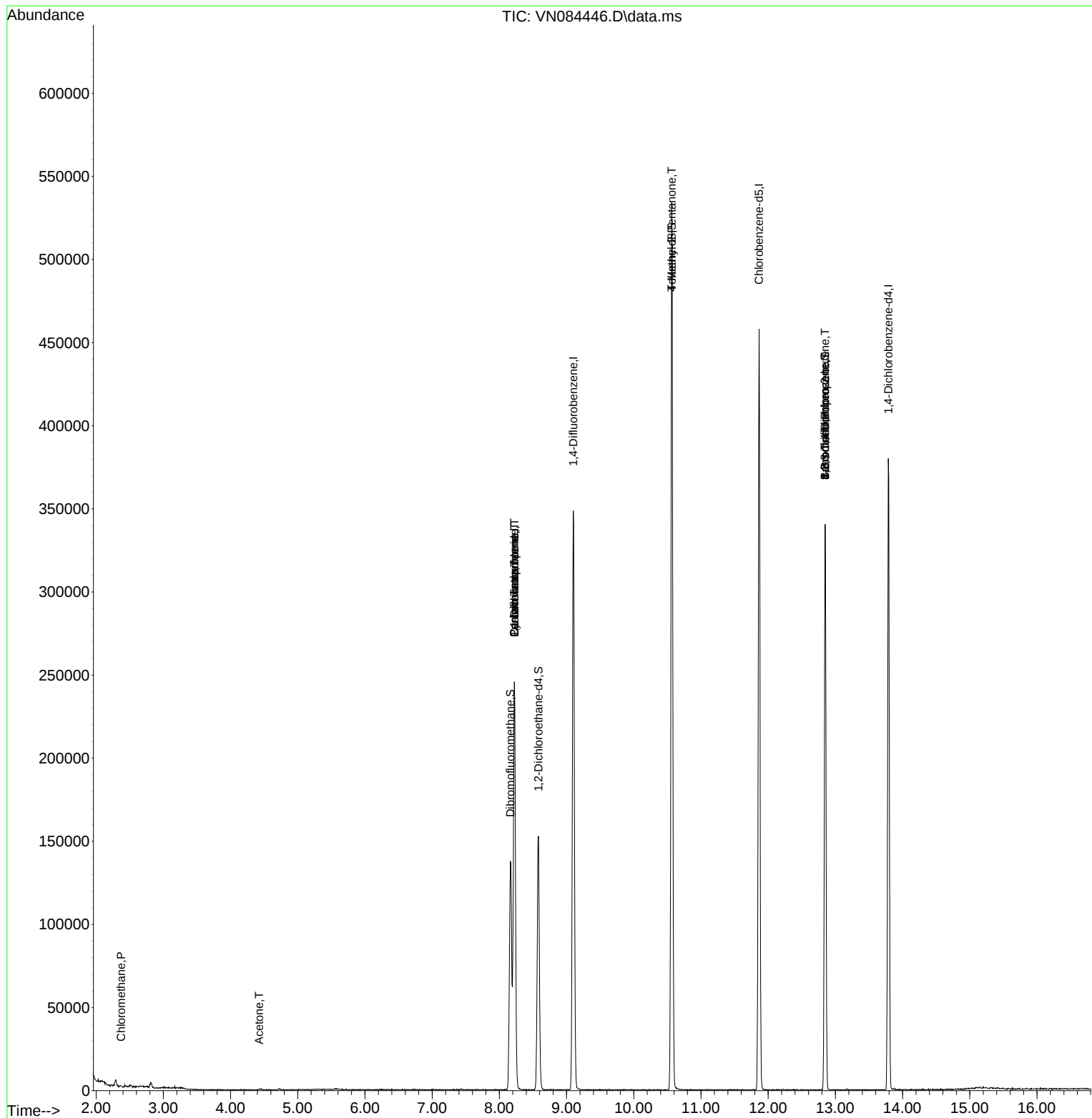
Internal Standards						
1) Pentafluorobenzene	8.224	168	173070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	299867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	260696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	102425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	127440	49.663	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.320%		
35) Dibromofluoromethane	8.165	113	102128	51.660	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.320%		
50) Toluene-d8	10.565	98	362755	49.875	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.760%		
62) 4-Bromofluorobenzene	12.847	95	119656	45.158	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	90.320%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	492	0.210	ug/l #	41
16) Acetone	4.424	43	343	0.311	ug/l #	44
31) Cyclohexane	8.224	56	3994	1.051	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	14962	5.210	ug/l #	51
38) Carbon Tetrachloride	8.224	117	19096	6.062	ug/l #	15
51) 4-Methyl-2-Pentanone	10.565	43	1460	0.521	ug/l #	1
71) Bromoform	12.847	173	901	0.615	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	62039	29.669	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	62039	71.130	ug/l #	11

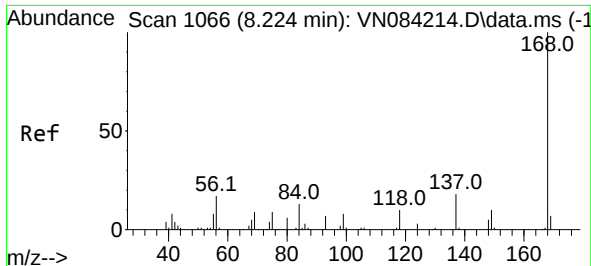
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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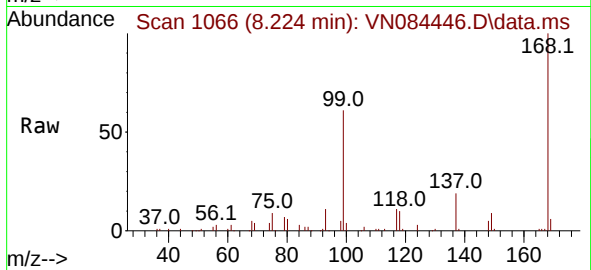
Quant Time: Oct 22 07:57:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
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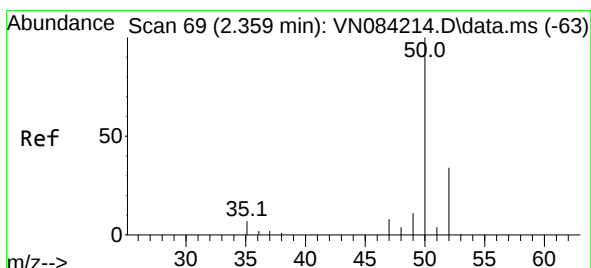
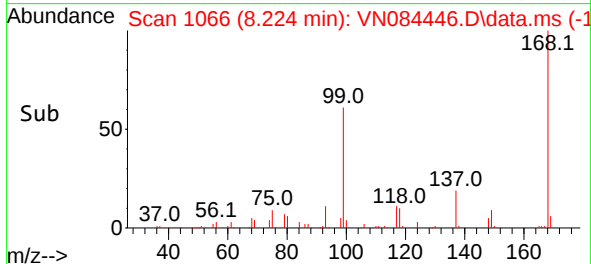
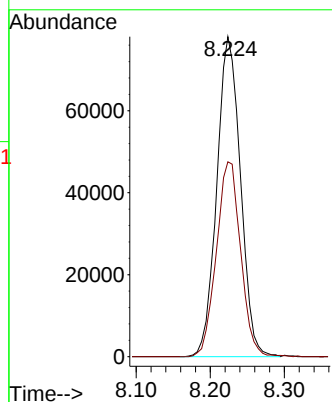


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084446.D
Acq: 21 Oct 2024 19:16

Instrument :
MSVOA_N
ClientSampleId :

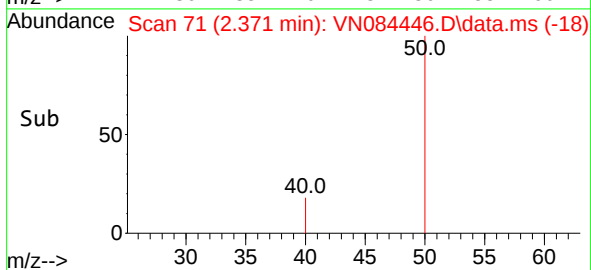
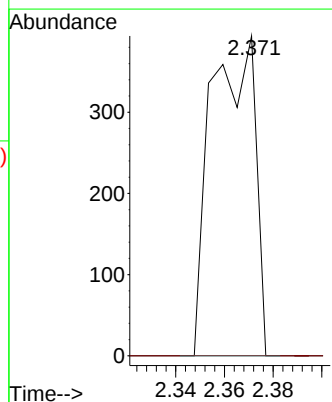
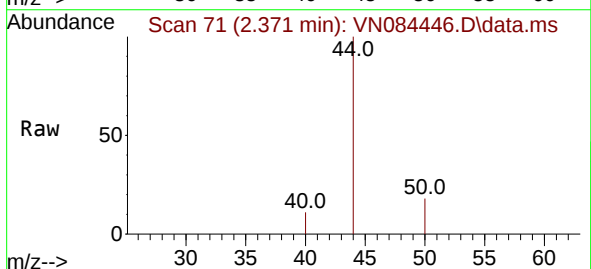


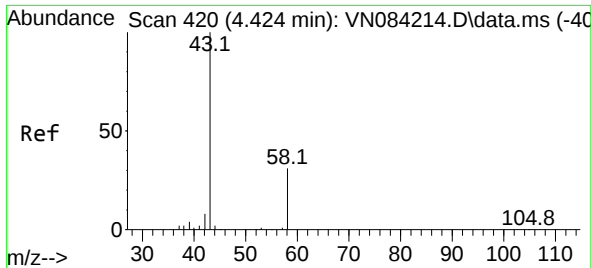
Tgt Ion:168 Resp: 173070
Ion Ratio Lower Upper
168 100
99 60.9 54.2 81.2



#3
Chloromethane
Concen: 0.210 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN084446.D
Acq: 21 Oct 2024 19:16

Tgt Ion: 50 Resp: 492
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

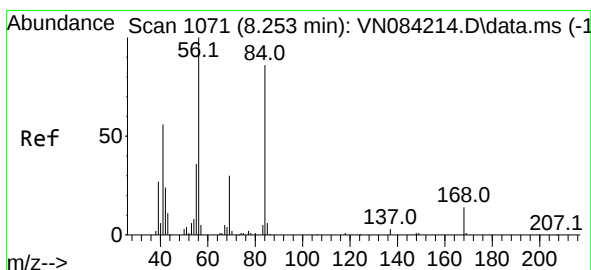
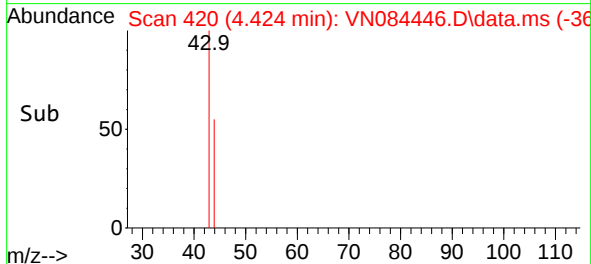
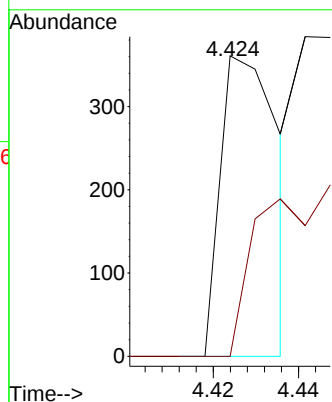
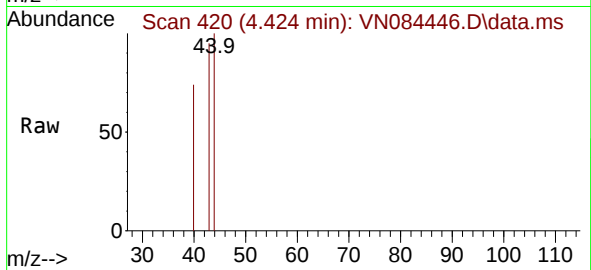




#16
Acetone
Concen: 0.311 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN084446.D
Acq: 21 Oct 2024 19:16

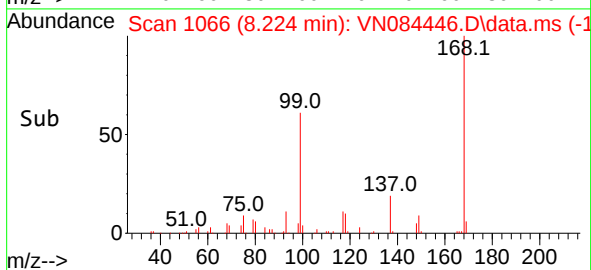
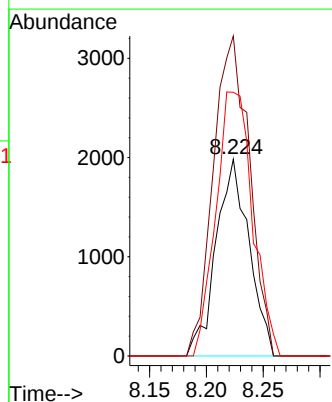
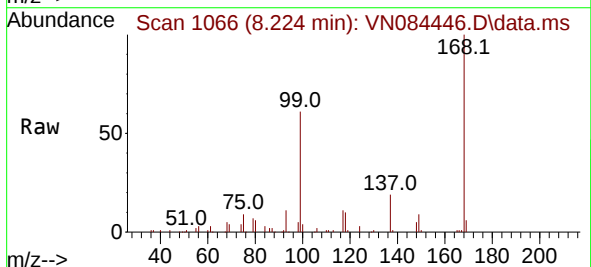
Instrument :
MSVOA_N
ClientSampleId :

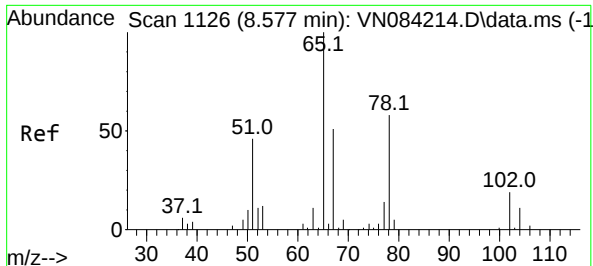
Tgt Ion: 43 Resp: 343
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#31
Cyclohexane
Concen: 1.051 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084446.D
Acq: 21 Oct 2024 19:16

Tgt Ion: 56 Resp: 3994
Ion Ratio Lower Upper
56 100
69 162.6 23.8 35.6#
84 133.9 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 49.663 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN084446.D

Acq: 21 Oct 2024 19:16

Instrument :

MSVOA_N

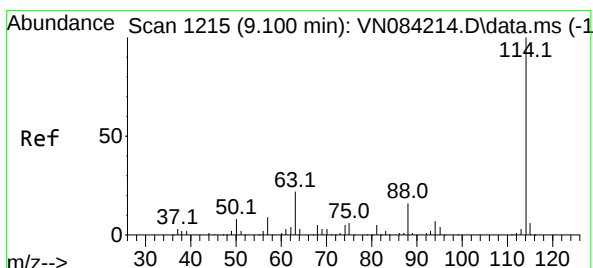
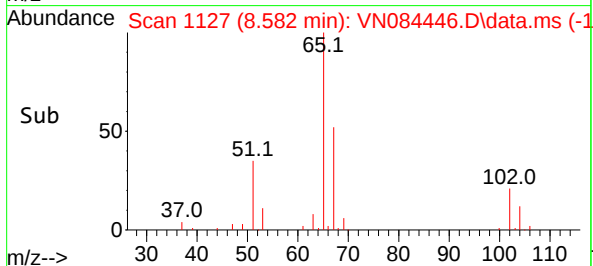
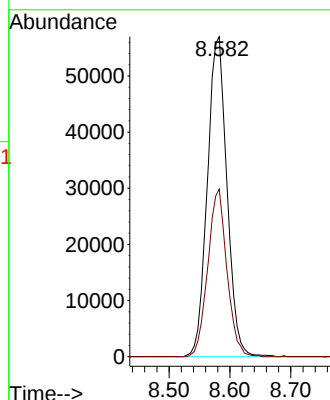
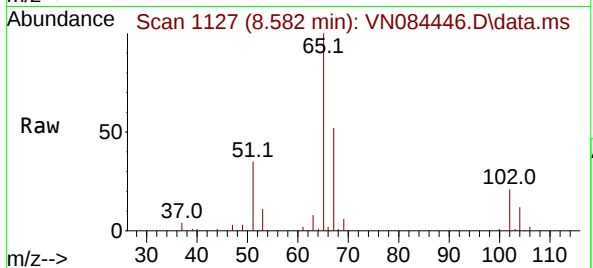
ClientSampleId :

Tgt Ion: 65 Resp: 127440

Ion Ratio Lower Upper

65 100

67 51.1 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: VN084446.D

Acq: 21 Oct 2024 19:16

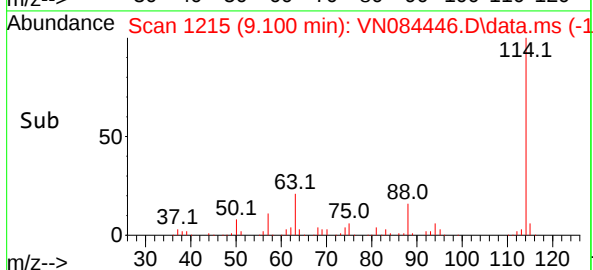
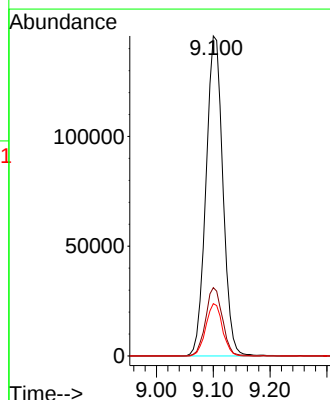
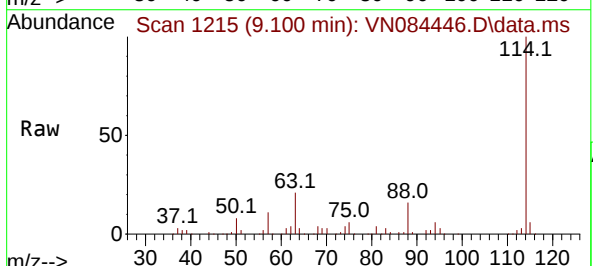
Tgt Ion: 114 Resp: 299867

Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.8

88 16.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.660 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084446.D

Acq: 21 Oct 2024 19:16

Instrument :

MSVOA_N

ClientSampleId :

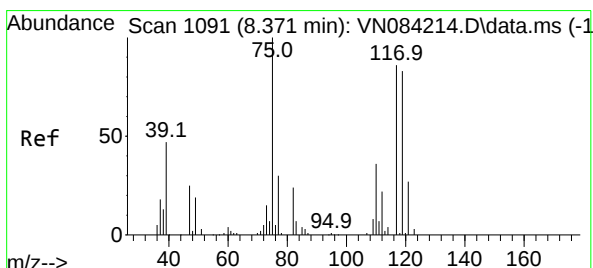
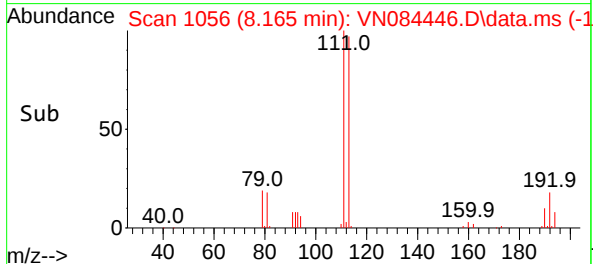
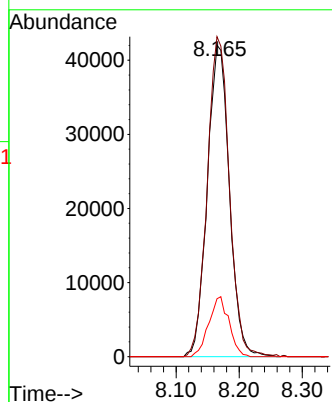
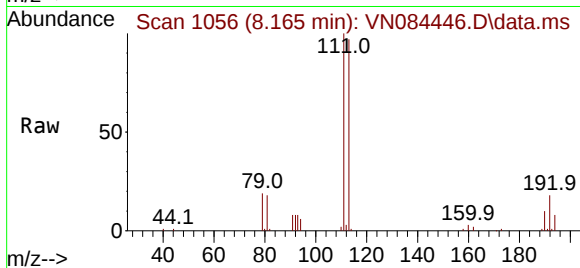
Tgt Ion:113 Resp: 102128

Ion Ratio Lower Upper

113 100

111 103.1 83.3 124.9

192 17.7 13.5 20.3



#36

1,1-Dichloropropene

Concen: 5.210 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084446.D

Acq: 21 Oct 2024 19:16

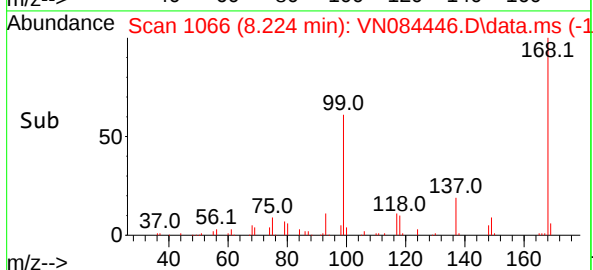
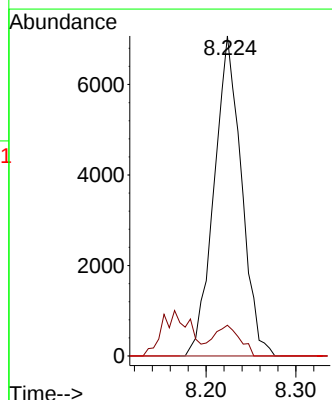
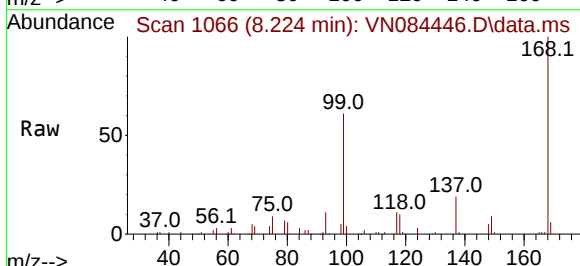
Tgt Ion: 75 Resp: 14962

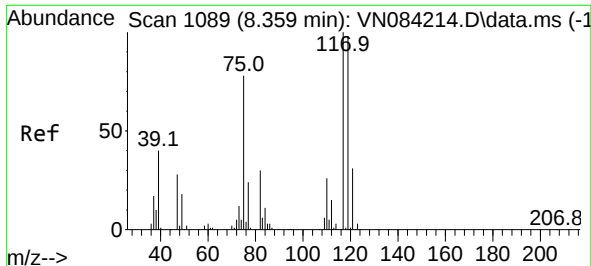
Ion Ratio Lower Upper

75 100

110 9.5 16.9 50.7#

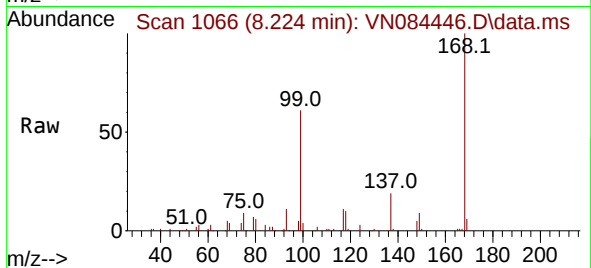
77 0.0 24.7 37.1#



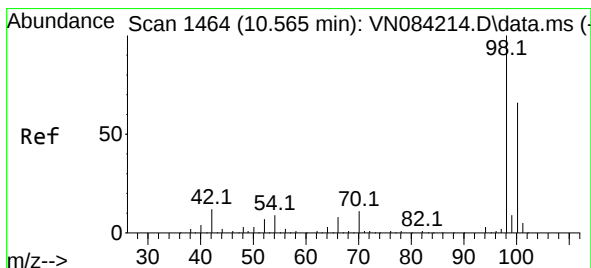
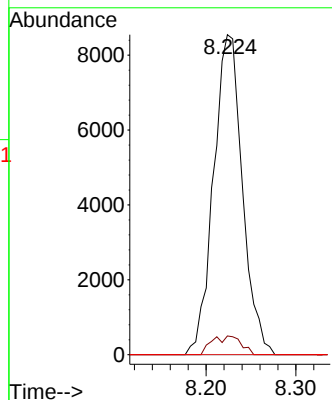
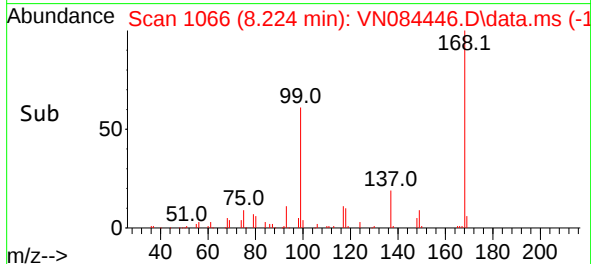


#38
Carbon Tetrachloride
Concen: 6.062 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084446.D
Acq: 21 Oct 2024 19:16

Instrument :
MSVOA_N
ClientSampleId :

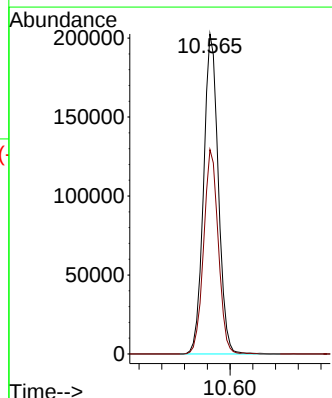
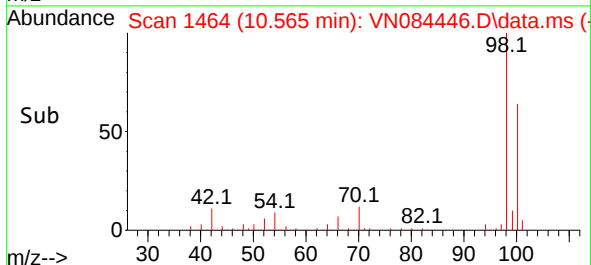
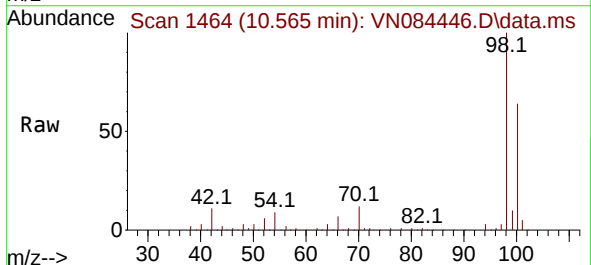


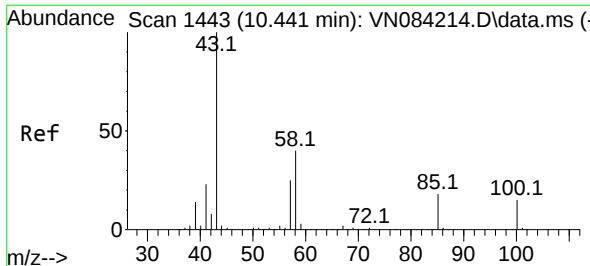
Tgt Ion:117 Resp: 19096
Ion Ratio Lower Upper
117 100
119 5.9 78.7 118.1#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.875 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084446.D
Acq: 21 Oct 2024 19:16

Tgt Ion: 98 Resp: 362755
Ion Ratio Lower Upper
98 100
100 63.6 52.7 79.1

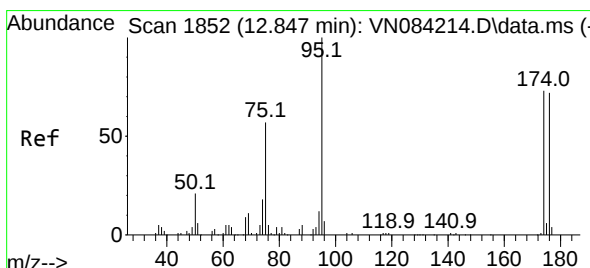
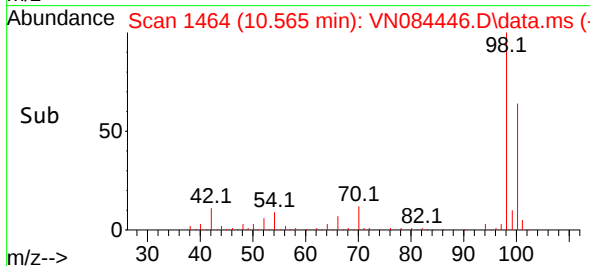
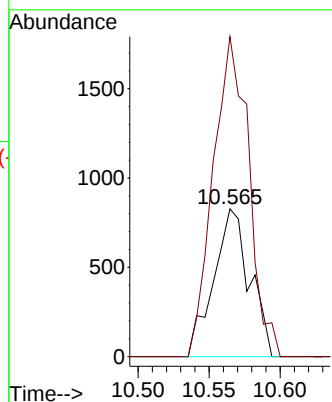
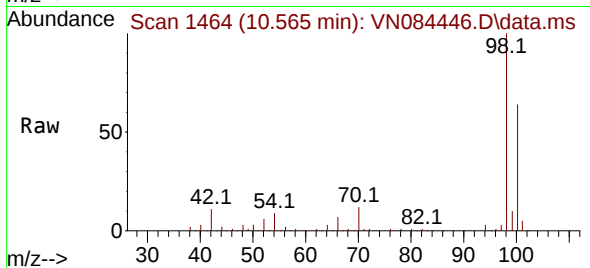




#51
4-Methyl-2-Pentanone
Concen: 0.521 ug/l
RT: 10.565 min Scan# 1443
Delta R.T. 0.123 min
Lab File: VN084446.D
Acq: 21 Oct 2024 19:16

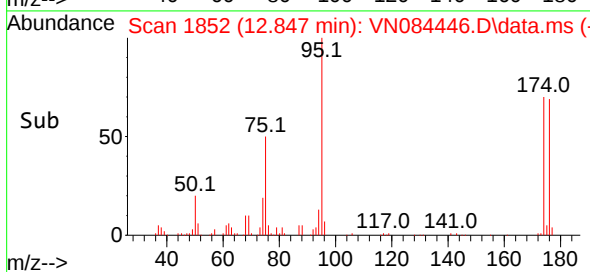
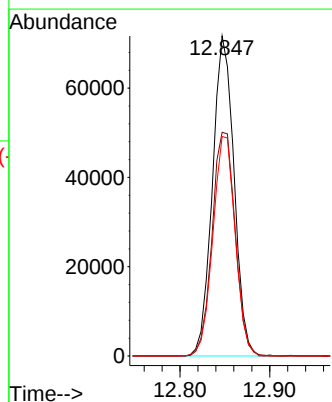
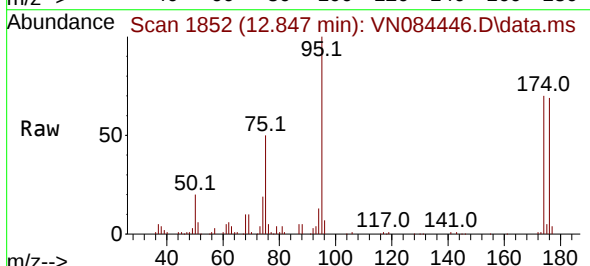
Instrument :
MSVOA_N
ClientSampleId :

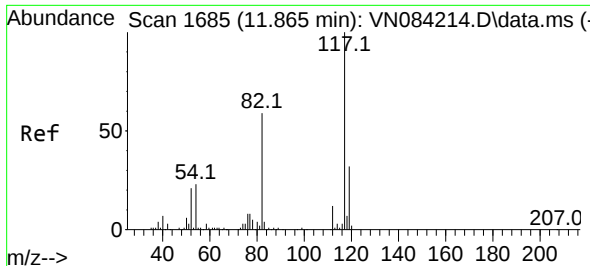
Tgt Ion: 43 Resp: 1460
Ion Ratio Lower Upper
43 100
58 214.0 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 45.158 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084446.D
Acq: 21 Oct 2024 19:16

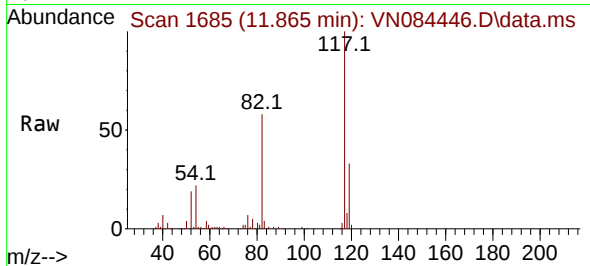
Tgt Ion: 95 Resp: 119656
Ion Ratio Lower Upper
95 100
174 74.5 0.0 145.2
176 71.0 0.0 140.0



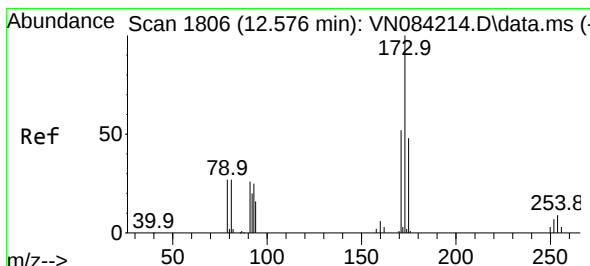
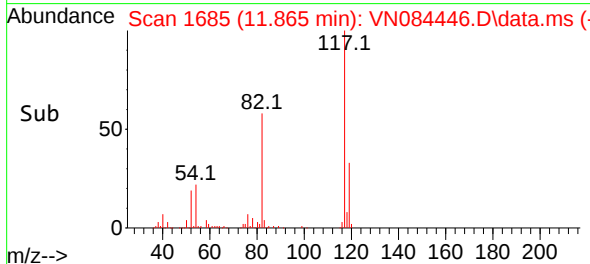
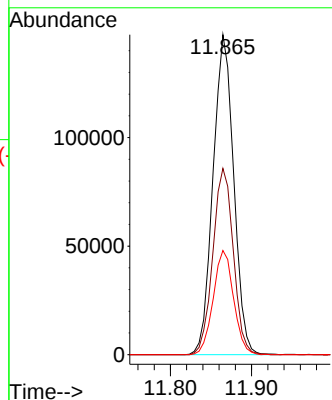


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084446.D
Acq: 21 Oct 2024 19:16

Instrument :
MSVOA_N
ClientSampleId :

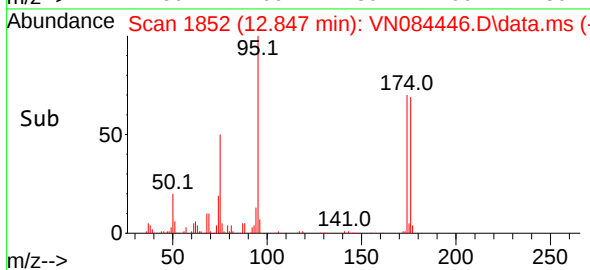
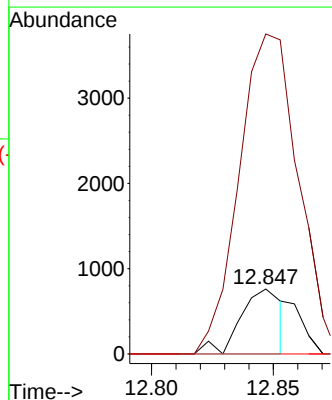
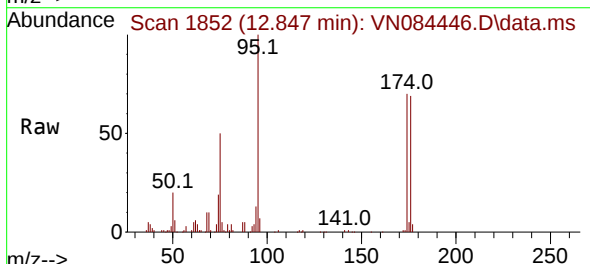


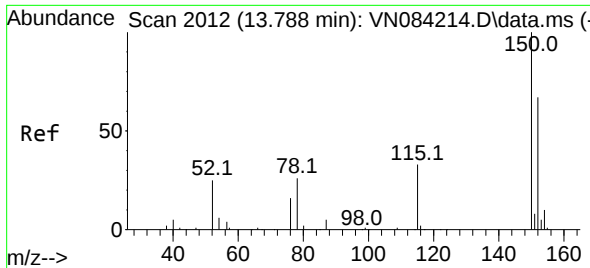
Tgt Ion:117 Resp: 260696
Ion Ratio Lower Upper
117 100
82 58.2 47.2 70.8
119 32.5 25.4 38.0



#71
Bromoform
Concen: 0.615 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN084446.D
Acq: 21 Oct 2024 19:16

Tgt Ion:173 Resp: 901
Ion Ratio Lower Upper
173 100
175 536.2 23.5 70.6#
254 0.0 0.0 0.0

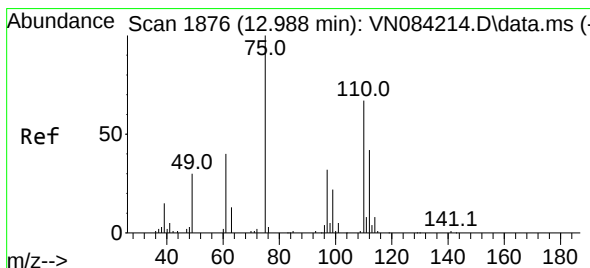
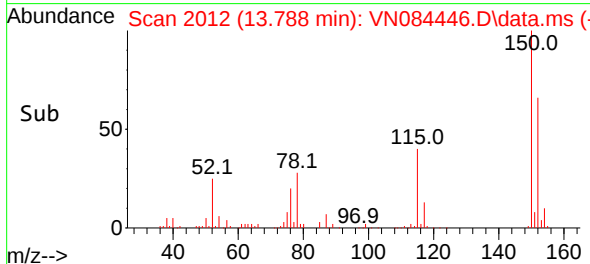
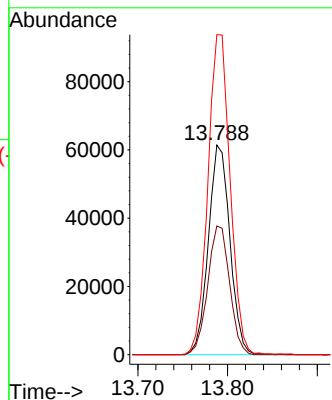
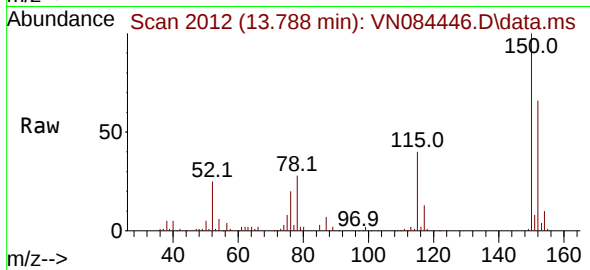




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN084446.D
 Acq: 21 Oct 2024 19:16

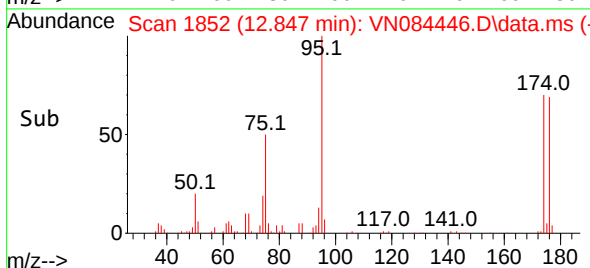
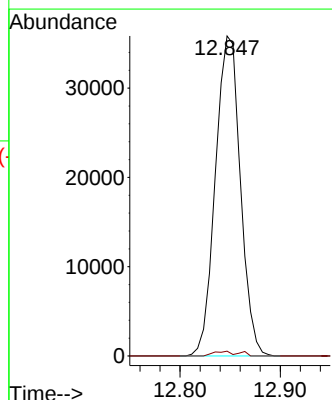
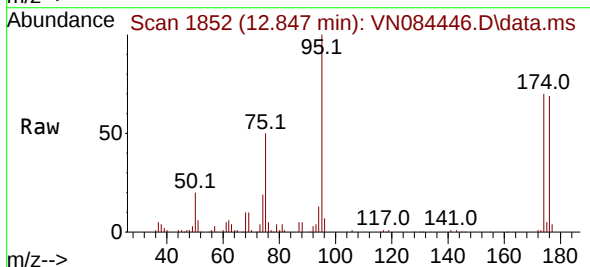
Instrument :
 MSVOA_N
 ClientSampleId :

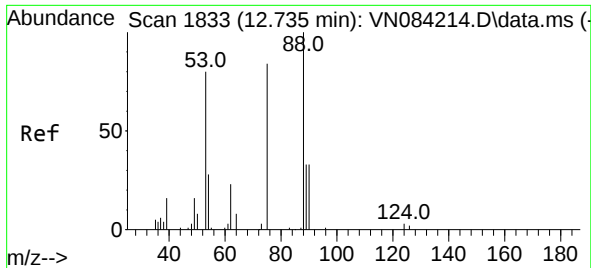
Tgt Ion:152 Resp: 102425
 Ion Ratio Lower Upper
 152 100
 115 62.4 31.3 93.9
 150 157.5 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 29.669 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN084446.D
 Acq: 21 Oct 2024 19:16

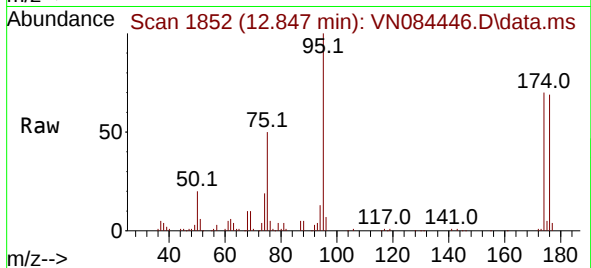
Tgt Ion: 75 Resp: 62039
 Ion Ratio Lower Upper
 75 100
 77 1.5 96.9 290.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 71.130 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084446.D
Acq: 21 Oct 2024 19:16

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 62039
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

