

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102124\
 Data File : VN084445.D
 Acq On : 21 Oct 2024 18:52
 Operator : JC\MD
 Sample : P4460-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 22 07:57:22 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)

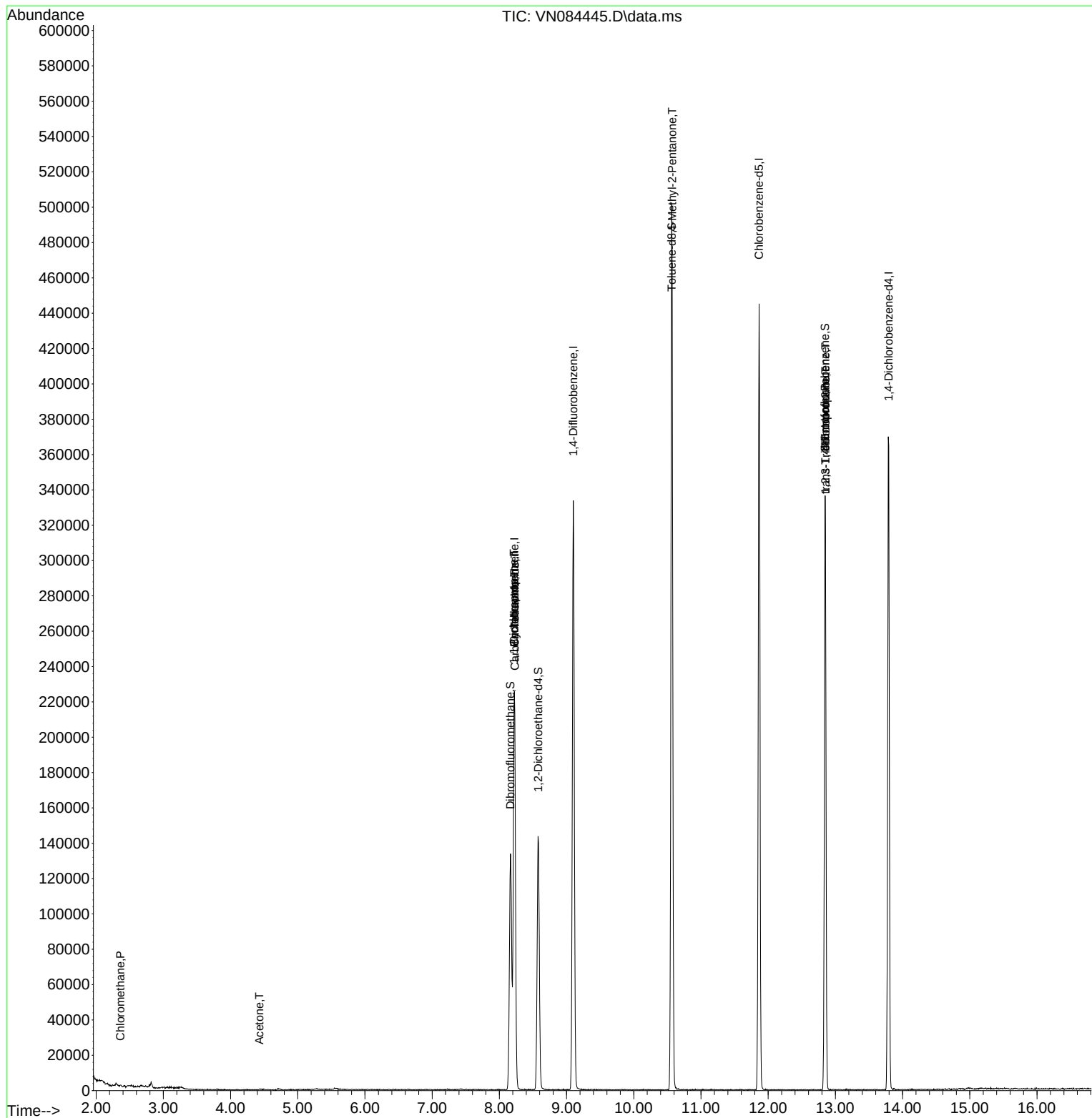
Internal Standards						
1) Pentafluorobenzene	8.224	168	161710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	283963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	247792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122663	51.160	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.320%			
35) Dibromofluoromethane	8.165	113	97246	51.946	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.900%			
50) Toluene-d8	10.565	98	344867	50.071	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.140%			
62) 4-Bromofluorobenzene	12.847	95	118014	47.033	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.060%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	1068	0.489	ug/l	96
16) Acetone	4.430	43	382	0.371	ug/l #	44
31) Cyclohexane	8.224	56	3584	1.009	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	14081	5.178	ug/l #	51
38) Carbon Tetrachloride	8.230	117	17138	5.745	ug/l #	15
51) 4-Methyl-2-Pentanone	10.571	43	1596	0.601	ug/l #	1
71) Bromoform	12.847	173	935	0.671	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	60181	28.945	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	60181	69.395	ug/l #	11

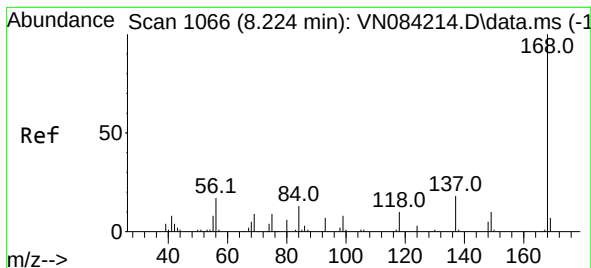
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN084445.D

Acq: 21 Oct 2024 18:52

Instrument :

MSVOA_N

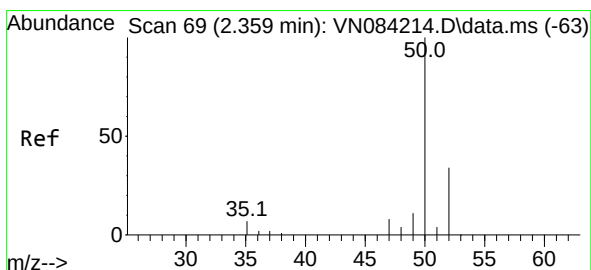
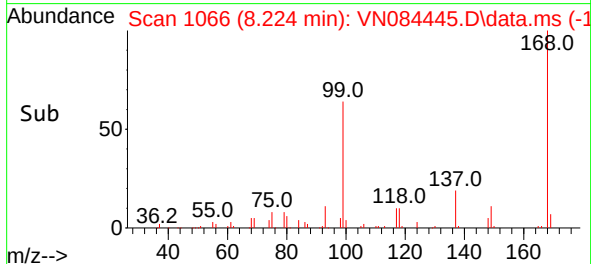
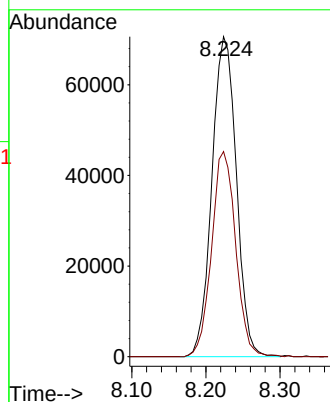
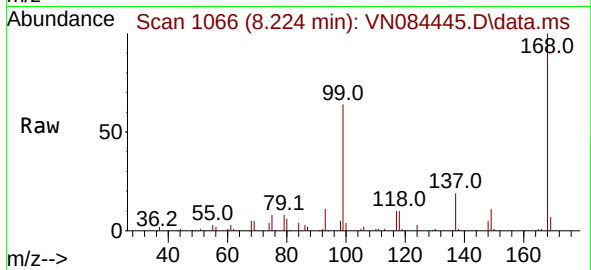
ClientSampleId :

Tgt Ion:168 Resp: 161710

Ion Ratio Lower Upper

168 100

99 64.1 54.2 81.2



#3

Chloromethane

Concen: 0.489 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN084445.D

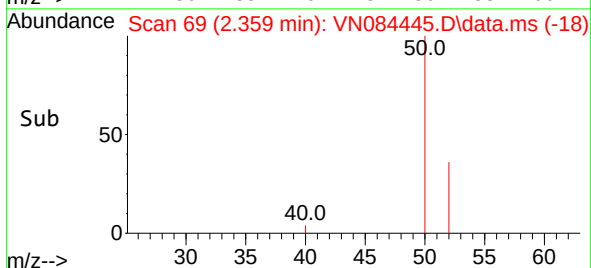
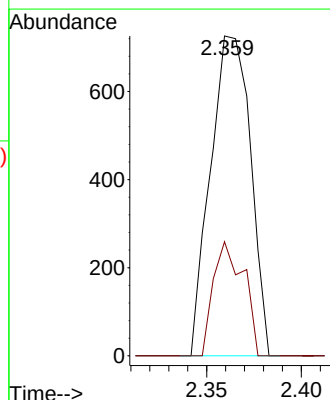
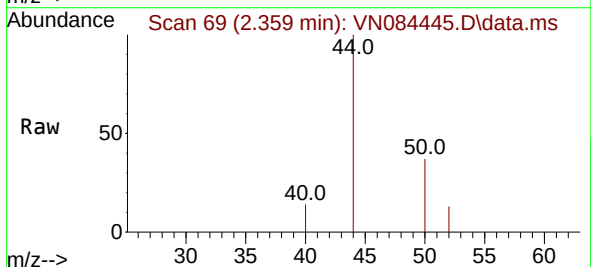
Acq: 21 Oct 2024 18:52

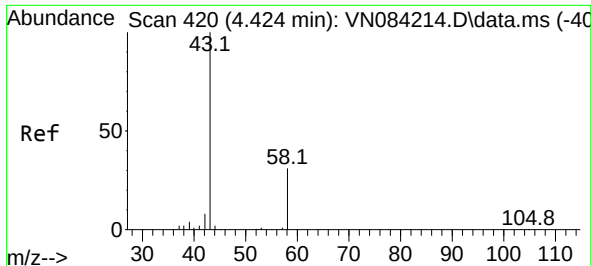
Tgt Ion: 50 Resp: 1068

Ion Ratio Lower Upper

50 100

52 35.7 26.8 40.2

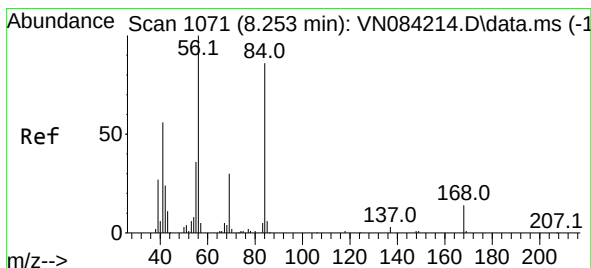
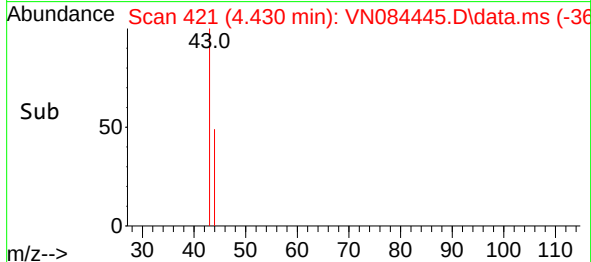
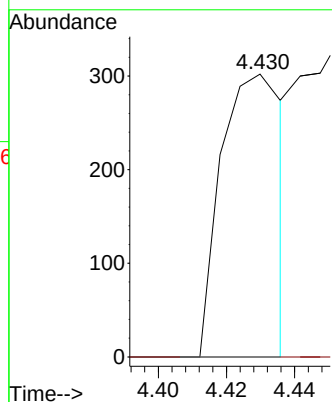
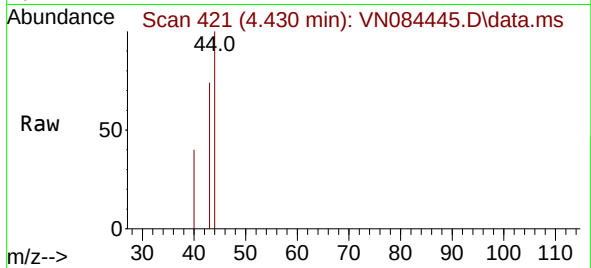




#16
Acetone
Concen: 0.371 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN084445.D
Acq: 21 Oct 2024 18:52

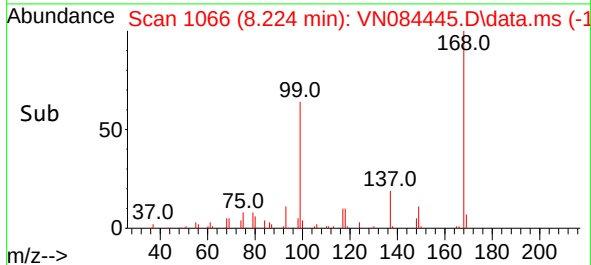
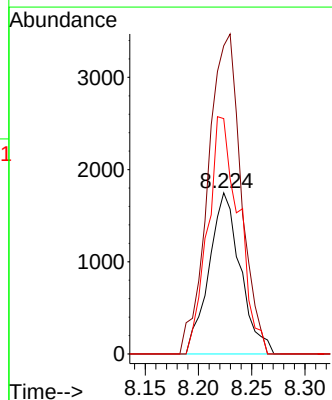
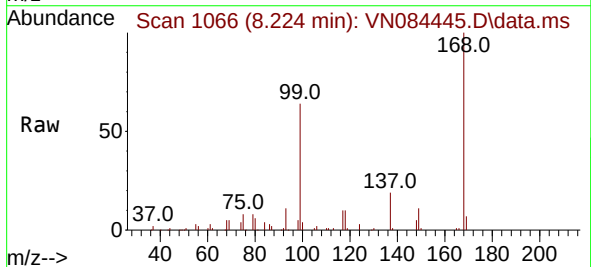
Instrument :
MSVOA_N
ClientSampleId :

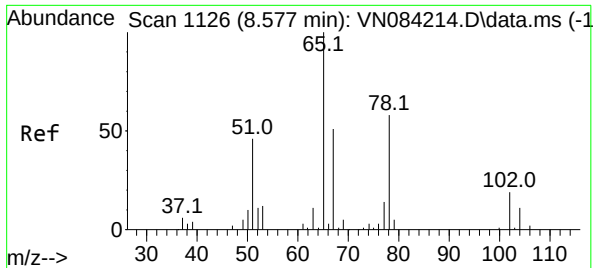
Tgt Ion: 43 Resp: 382
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#31
Cyclohexane
Concen: 1.009 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084445.D
Acq: 21 Oct 2024 18:52

Tgt Ion: 56 Resp: 3584
Ion Ratio Lower Upper
56 100
69 191.4 23.8 35.6#
84 146.1 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 51.160 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084445.D

Acq: 21 Oct 2024 18:52

Instrument :

MSVOA_N

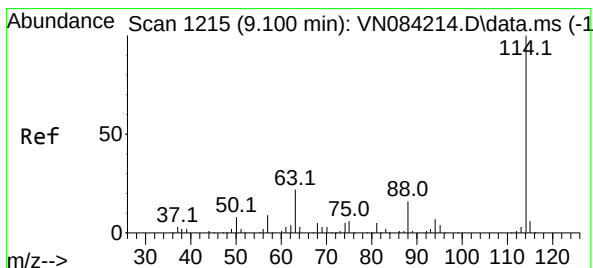
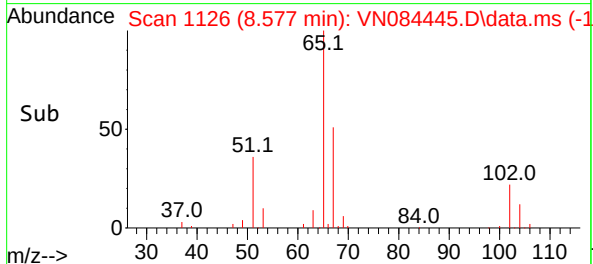
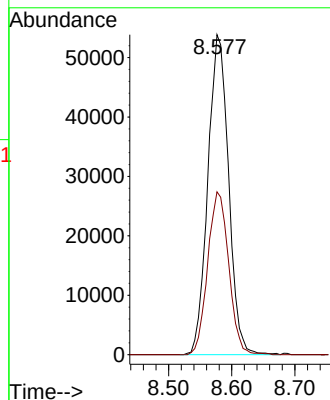
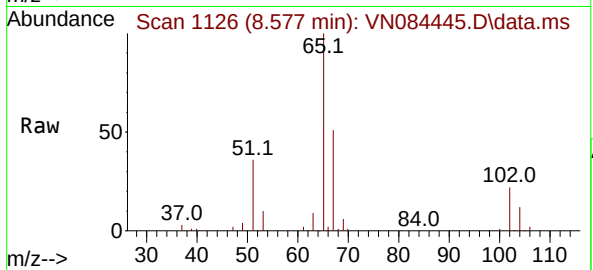
ClientSampleId :

Tgt Ion: 65 Resp: 122663

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: VN084445.D

Acq: 21 Oct 2024 18:52

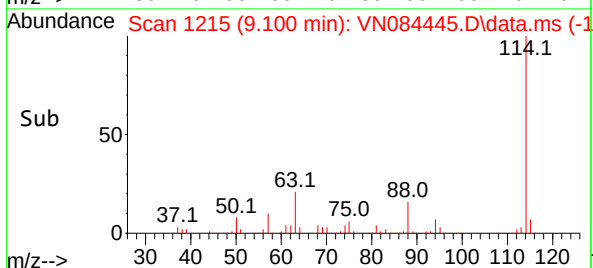
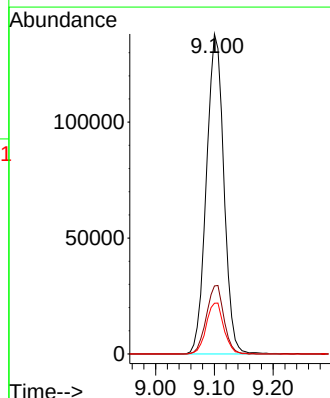
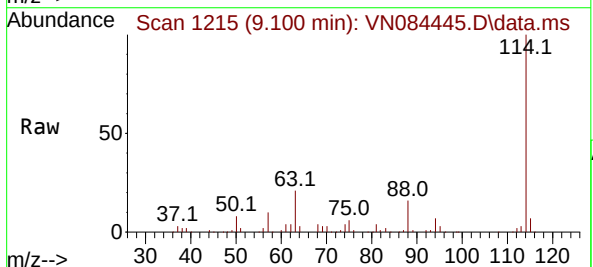
Tgt Ion: 114 Resp: 283963

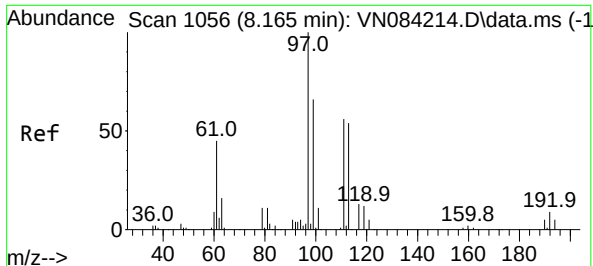
Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.8

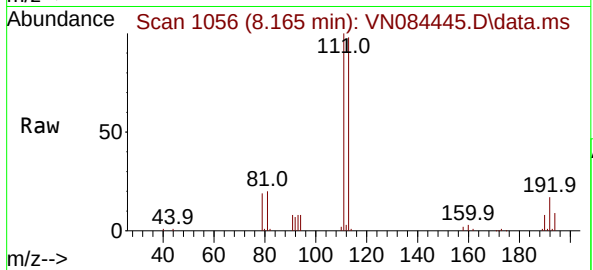
88 15.9 0.0 31.6



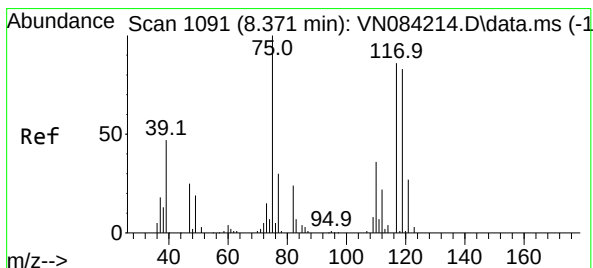
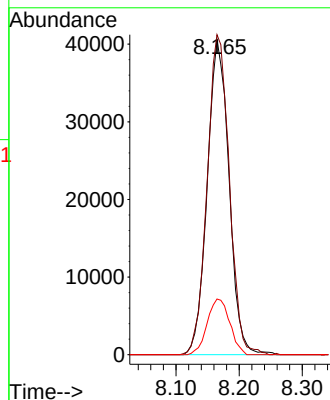
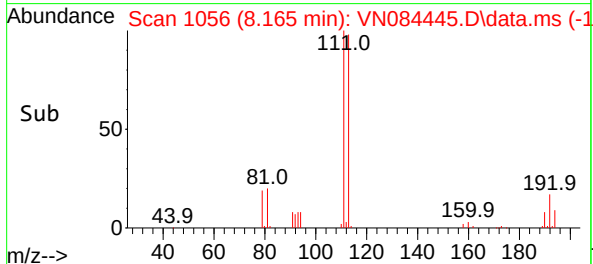


#35
Dibromofluoromethane
Concen: 51.946 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084445.D
Acq: 21 Oct 2024 18:52

Instrument :
MSVOA_N
ClientSampleId :

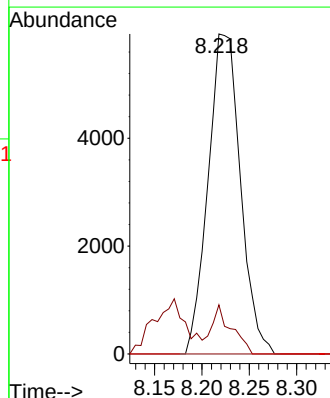
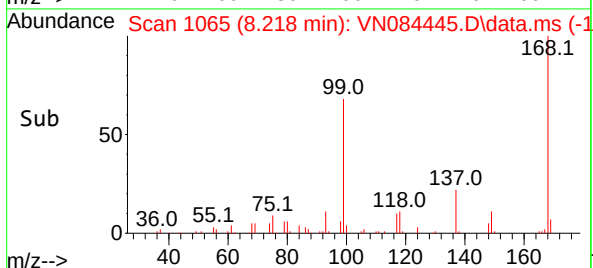
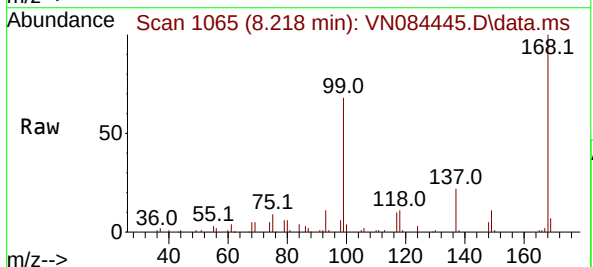


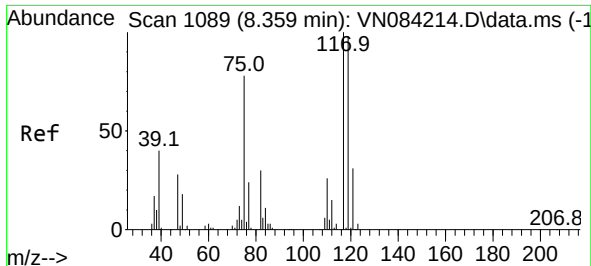
Tgt Ion:113 Resp: 97246
Ion Ratio Lower Upper
113 100
111 103.1 83.3 124.9
192 18.3 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.178 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN084445.D
Acq: 21 Oct 2024 18:52

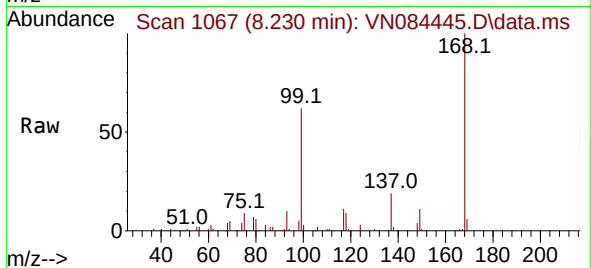
Tgt Ion: 75 Resp: 14081
Ion Ratio Lower Upper
75 100
110 9.4 16.9 50.7#
77 0.0 24.7 37.1#



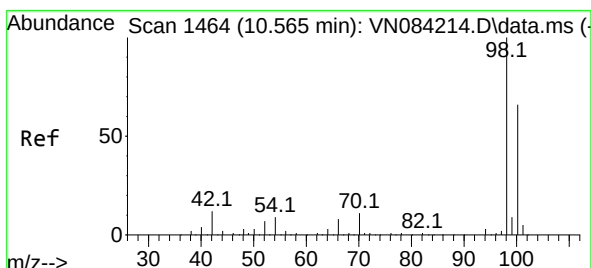
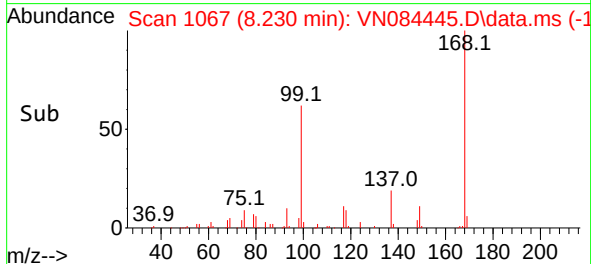
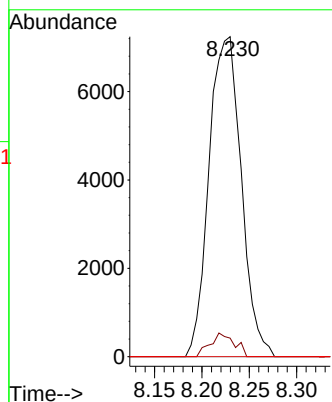


#38
Carbon Tetrachloride
Concen: 5.745 ug/l
RT: 8.230 min Scan# 1089
Delta R.T. -0.129 min
Lab File: VN084445.D
Acq: 21 Oct 2024 18:52

Instrument :
MSVOA_N
ClientSampleId :

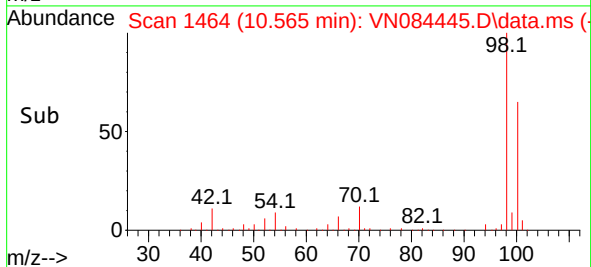
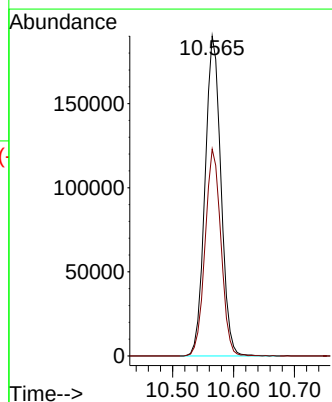
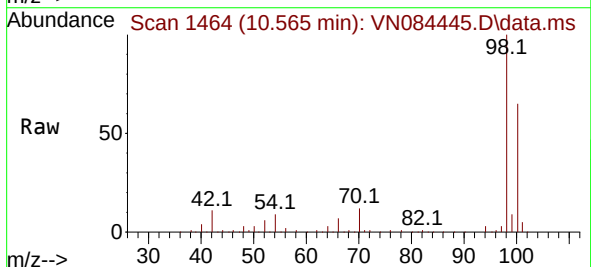


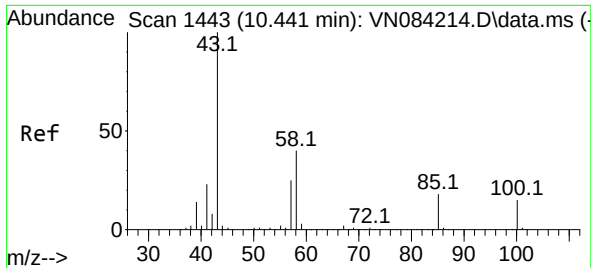
Tgt Ion:117 Resp: 17138
Ion Ratio Lower Upper
117 100
119 5.8 78.7 118.1#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.071 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084445.D
Acq: 21 Oct 2024 18:52

Tgt Ion: 98 Resp: 344867
Ion Ratio Lower Upper
98 100
100 64.5 52.7 79.1

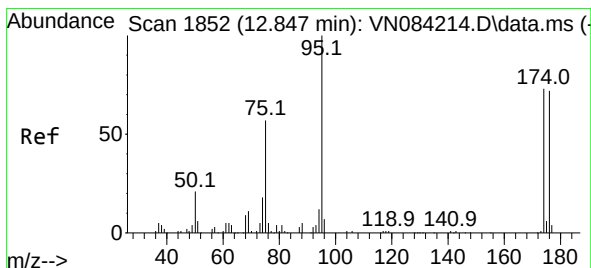
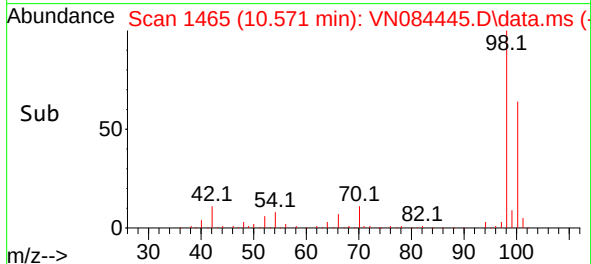
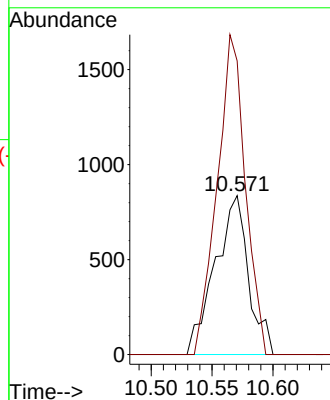
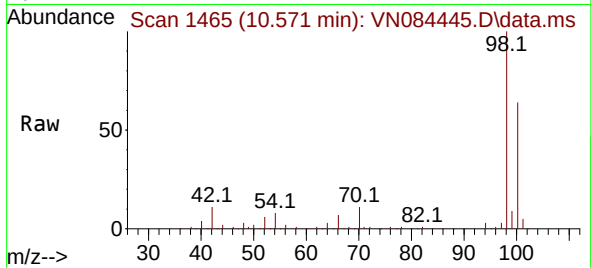




#51
4-Methyl-2-Pentanone
Concen: 0.601 ug/l
RT: 10.571 min Scan# 1443
Delta R.T. 0.129 min
Lab File: VN084445.D
Acq: 21 Oct 2024 18:52

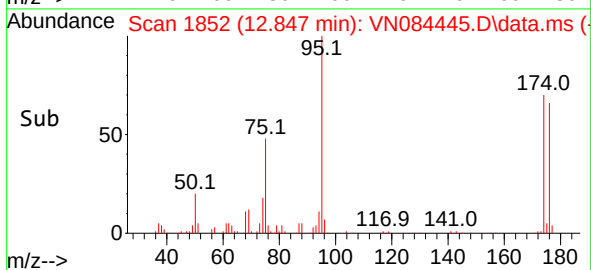
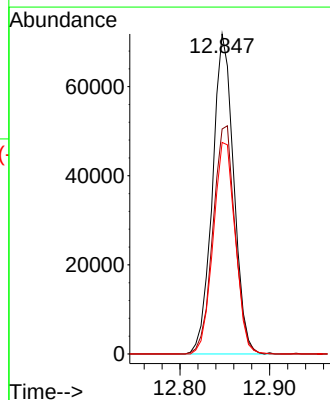
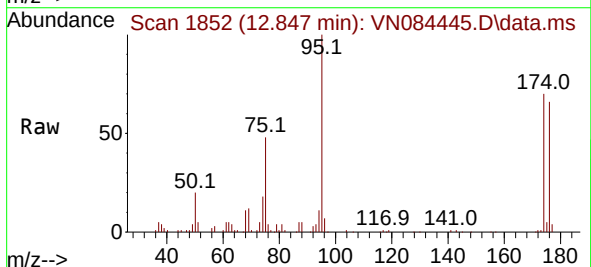
Instrument :
MSVOA_N
ClientSampleId :

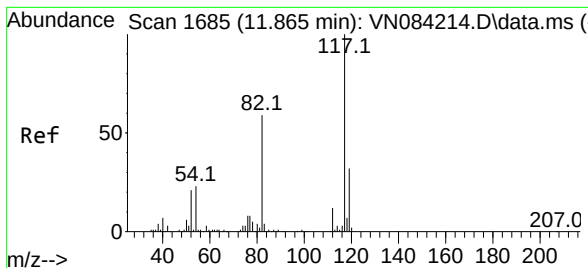
Tgt Ion: 43 Resp: 1596
Ion Ratio Lower Upper
43 100
58 170.2 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 47.033 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084445.D
Acq: 21 Oct 2024 18:52

Tgt Ion: 95 Resp: 118014
Ion Ratio Lower Upper
95 100
174 74.3 0.0 145.2
176 68.7 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

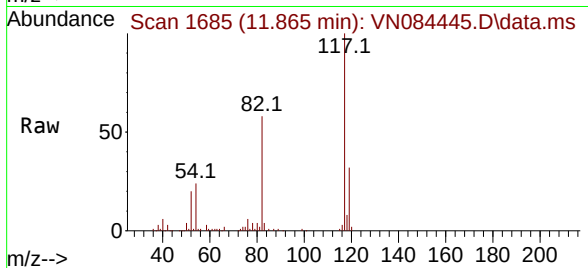
Lab File: VN084445.D

Acq: 21 Oct 2024 18:52

Instrument :

MSVOA_N

ClientSampleId :



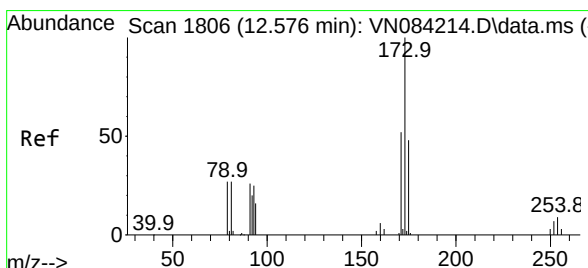
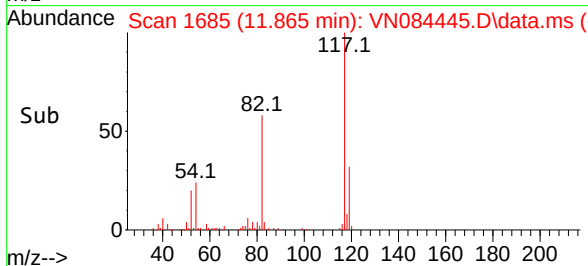
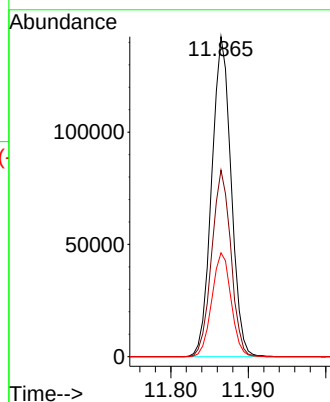
Tgt Ion:117 Resp: 247792

Ion Ratio Lower Upper

117 100

82 58.3 47.2 70.8

119 32.4 25.4 38.0



#71

Bromoform

Concen: 0.671 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.271 min

Lab File: VN084445.D

Acq: 21 Oct 2024 18:52

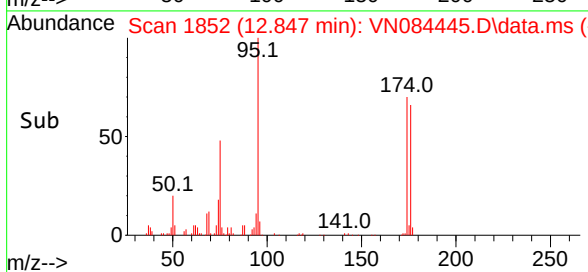
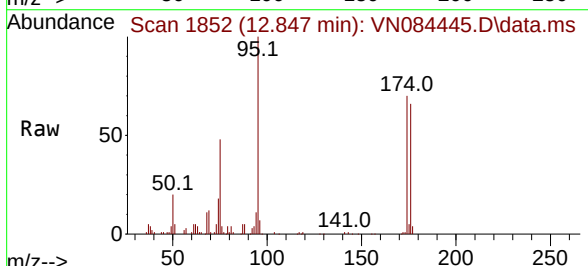
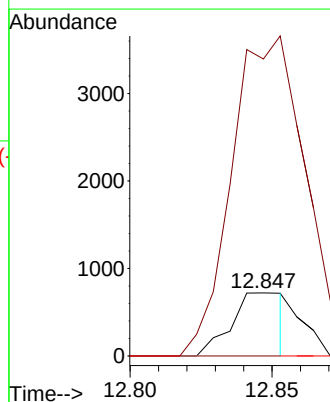
Tgt Ion:173 Resp: 935

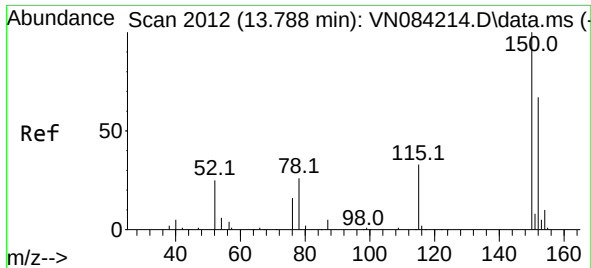
Ion Ratio Lower Upper

173 100

175 371.8 23.5 70.6#

254 0.0 0.0 0.0

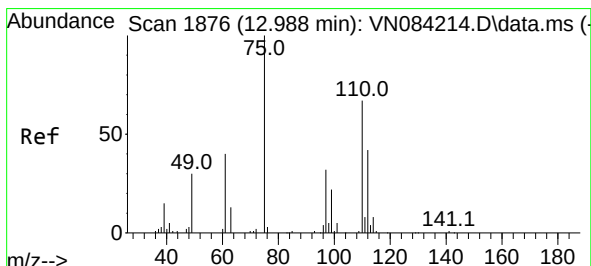
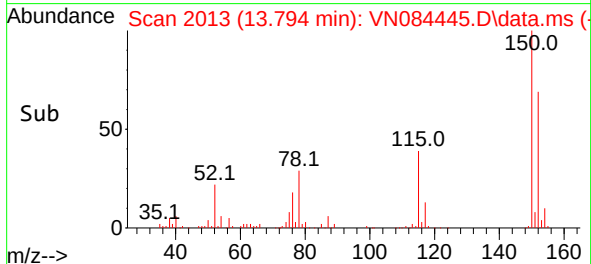
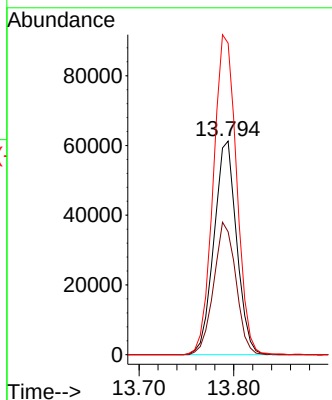
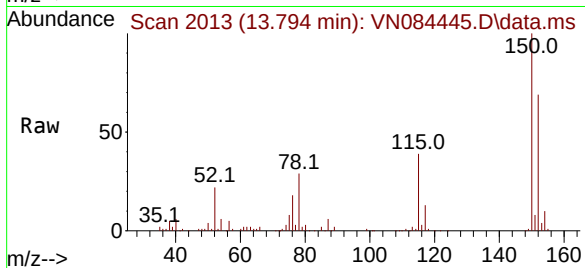




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN084445.D
 Acq: 21 Oct 2024 18:52

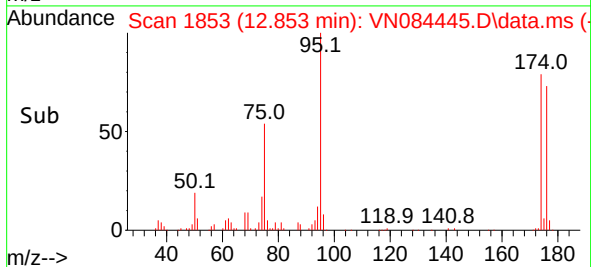
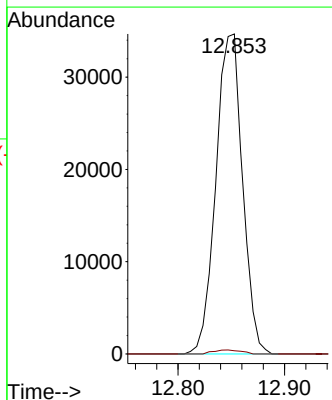
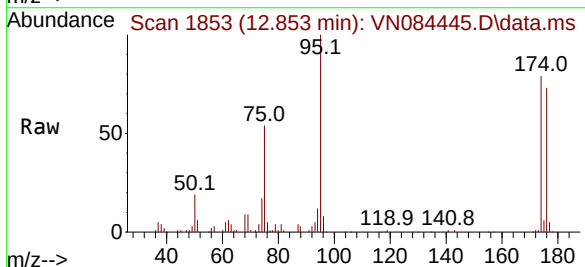
Instrument :
 MSVOA_N
 ClientSampleId :

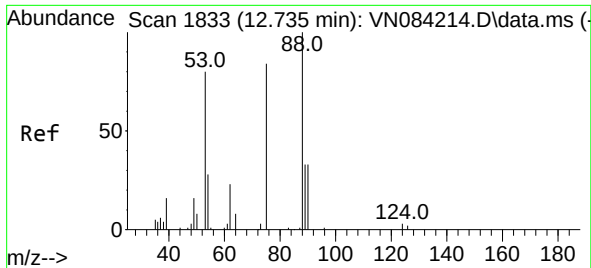
Tgt Ion:152 Resp: 101842
 Ion Ratio Lower Upper
 152 100
 115 60.9 31.3 93.9
 150 154.2 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 28.945 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.135 min
 Lab File: VN084445.D
 Acq: 21 Oct 2024 18:52

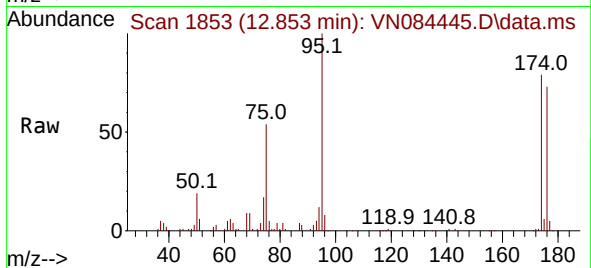
Tgt Ion: 75 Resp: 60181
 Ion Ratio Lower Upper
 75 100
 77 1.3 96.9 290.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.395 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.118 min
 Lab File: VN084445.D
 Acq: 21 Oct 2024 18:52

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 60181
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 35.5 53.3#

