

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061325\
 Data File : VN087008.D
 Acq On : 13 Jun 2025 17:40
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 14 00:32:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

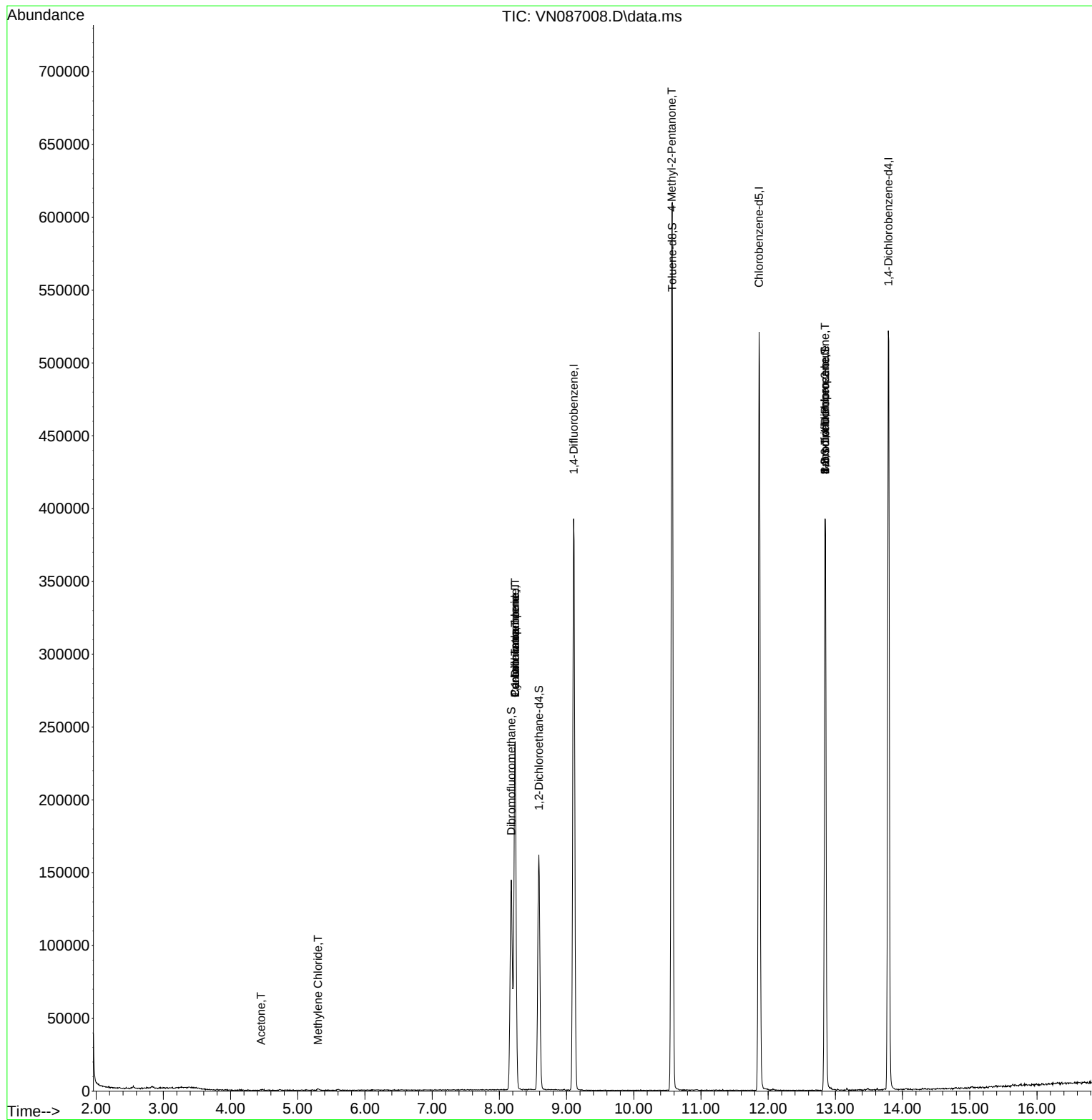
Internal Standards						
1) Pentafluorobenzene	8.235	168	186137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	367664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	330650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	157960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	132943	53.344	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.680%	
35) Dibromofluoromethane	8.177	113	112068	51.434	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.860%	
50) Toluene-d8	10.571	98	450640	52.245	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.480%	
62) 4-Bromofluorobenzene	12.847	95	159357	49.727	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.460%	
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	519	0.393	ug/l #	40
20) Methylene Chloride	5.300	84	873	0.353	ug/l #	76
31) Cyclohexane	8.235	56	3135	0.776	ug/l #	1
36) 1,1-Dichloropropene	8.235	75	14445	4.449	ug/l #	48
38) Carbon Tetrachloride	8.235	117	18999	5.960	ug/l #	16
51) 4-Methyl-2-Pentanone	10.565	43	1539	0.385	ug/l #	1
71) Bromoform	12.847	173	895	0.515	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	75350	20.068	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	75350	46.195	ug/l #	16

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

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Quant Time: Jun 14 00:32:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

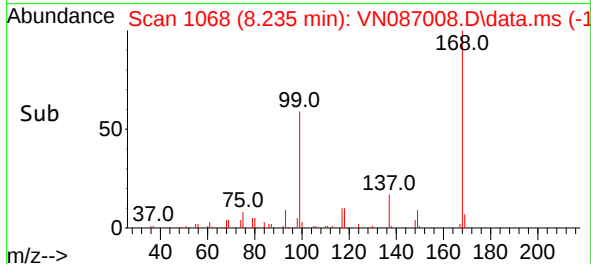
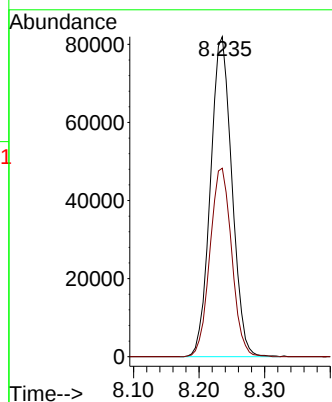
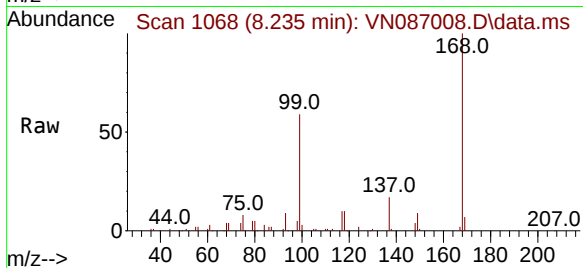




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN087008.D
Acq: 13 Jun 2025 17:40

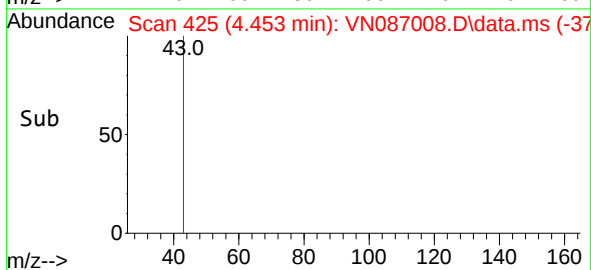
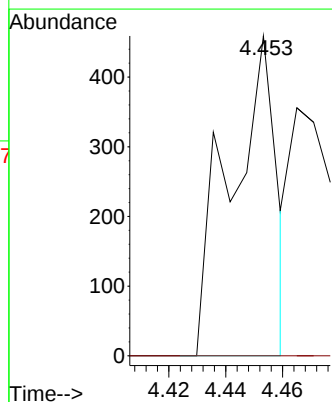
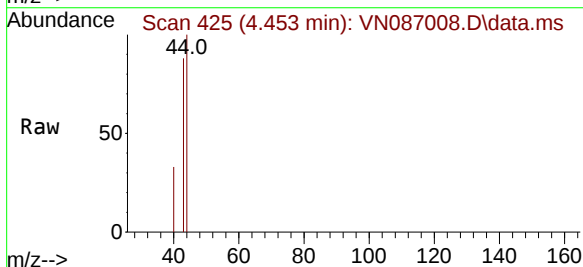
Instrument :
MSVOA_N
ClientSampleId :
IBLK

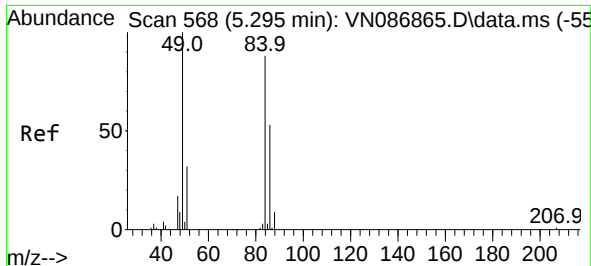
Tgt Ion:168 Resp: 186137
Ion Ratio Lower Upper
168 100
99 58.9 49.1 73.7



#16
Acetone
Concen: 0.393 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN087008.D
Acq: 13 Jun 2025 17:40

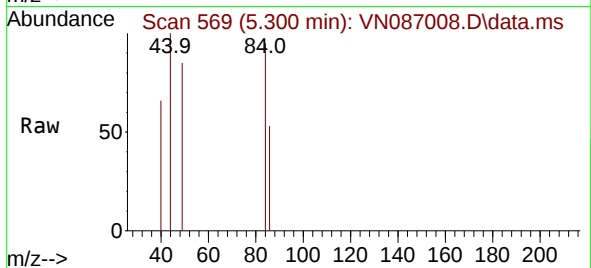
Tgt Ion: 43 Resp: 519
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#





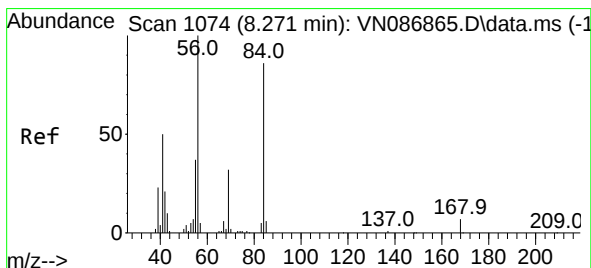
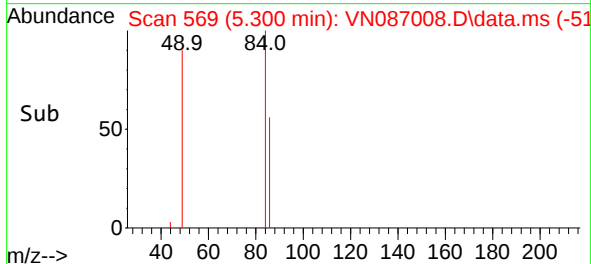
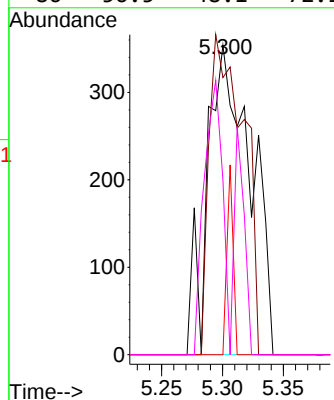
#20
Methylene Chloride
Concen: 0.353 ug/l
RT: 5.300 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN087008.D
Acq: 13 Jun 2025 17:40

Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion: 84 Resp: 873

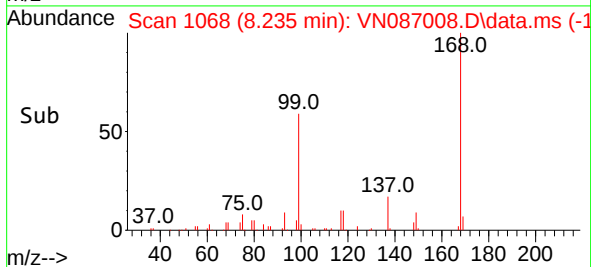
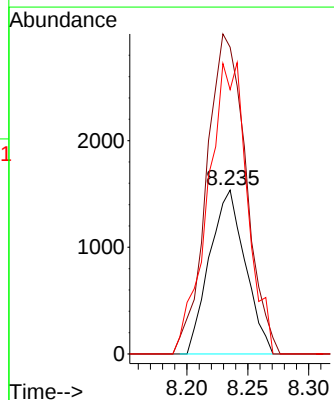
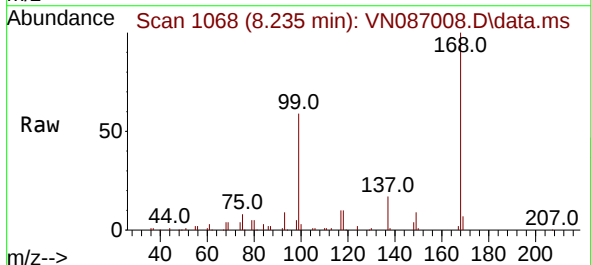
Ion	Ratio	Lower	Upper
84	100		
49	89.5	90.5	135.7#
51	0.0	28.5	42.7#
86	56.5	48.1	72.1

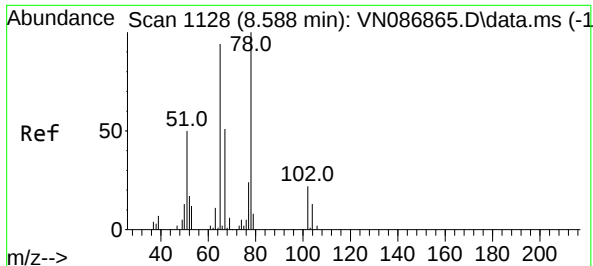


#31
Cyclohexane
Concen: 0.776 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.036 min
Lab File: VN087008.D
Acq: 13 Jun 2025 17:40

Tgt Ion: 56 Resp: 3135

Ion	Ratio	Lower	Upper
56	100		
69	187.2	25.4	38.0#
84	161.3	68.8	103.2#





#33

1,2-Dichloroethane-d4

Concen: 53.344 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087008.D

Acq: 13 Jun 2025 17:40

Instrument :

MSVOA_N

ClientSampleId :

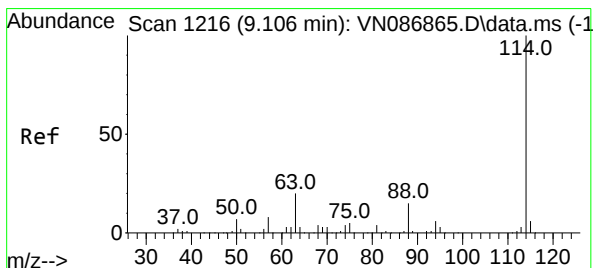
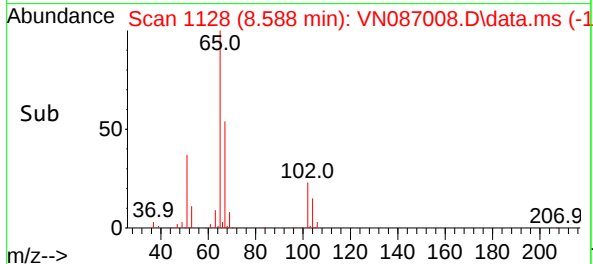
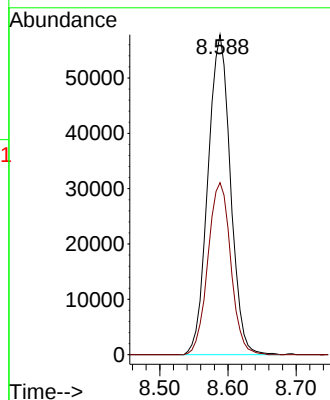
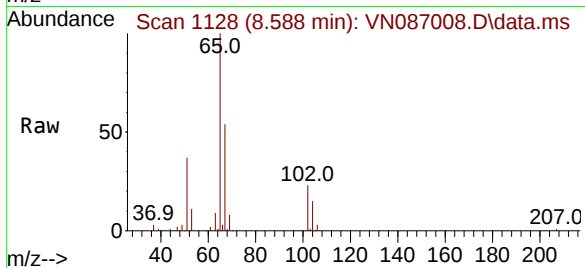
IBLK

Tgt Ion: 65 Resp: 132943

Ion Ratio Lower Upper

65 100

67 54.5 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087008.D

Acq: 13 Jun 2025 17:40

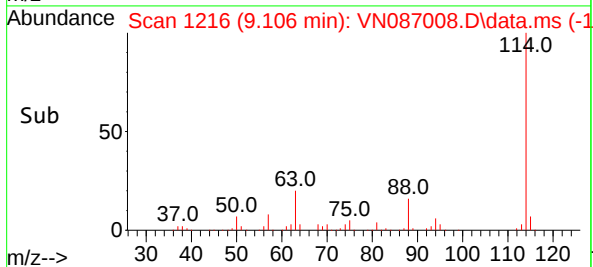
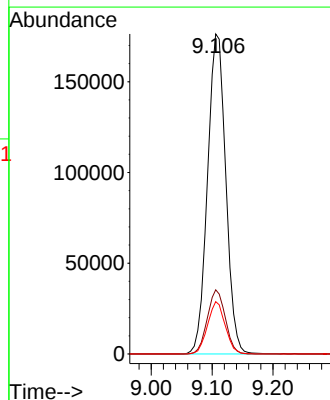
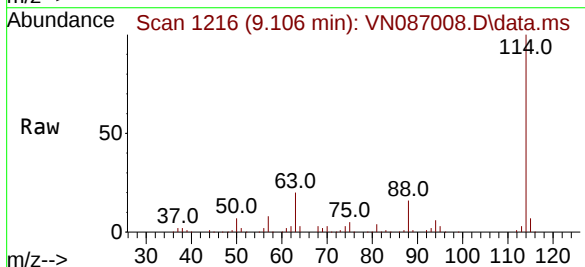
Tgt Ion: 114 Resp: 367664

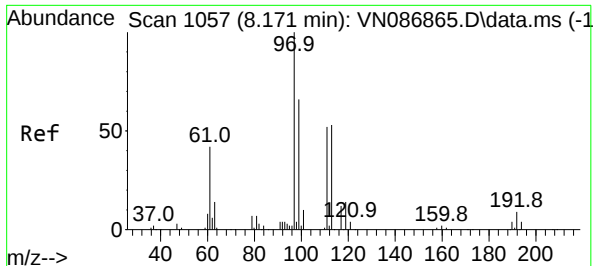
Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

88 16.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 51.434 ug/l

RT: 8.177 min Scan# 113

Delta R.T. 0.006 min

Lab File: VN087008.D

Acq: 13 Jun 2025 17:40

Instrument :

MSVOA_N

ClientSampleId :

IBLK

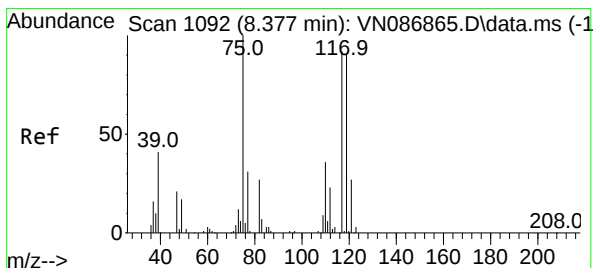
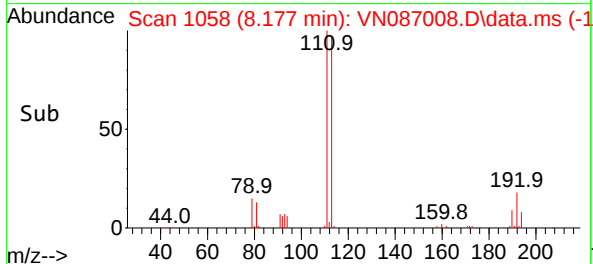
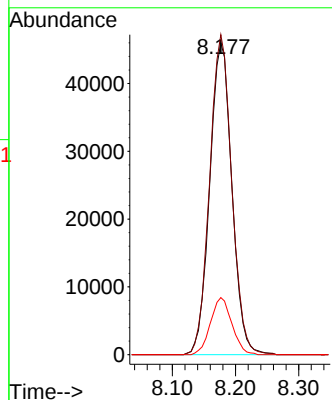
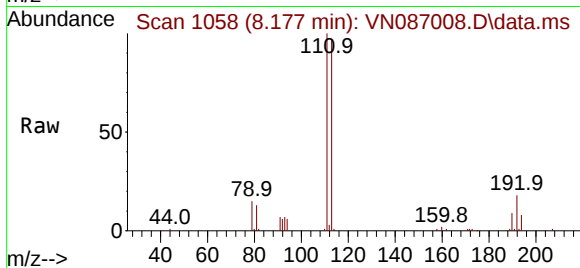
Tgt Ion:113 Resp: 112068

Ion Ratio Lower Upper

113 100

111 102.2 84.2 126.2

192 17.7 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.449 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VN087008.D

Acq: 13 Jun 2025 17:40

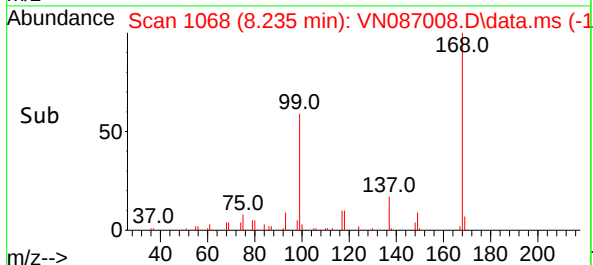
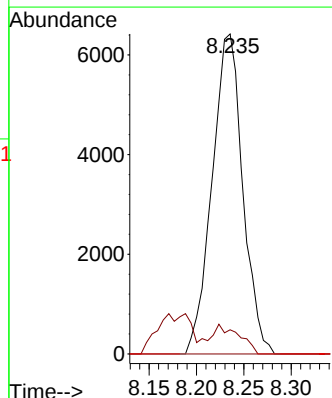
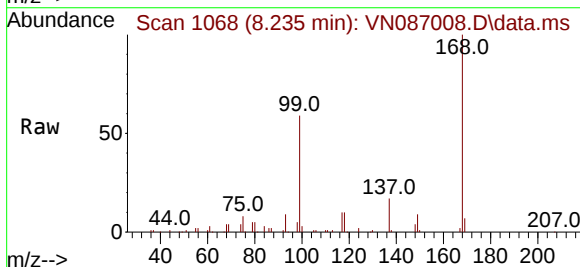
Tgt Ion: 75 Resp: 14445

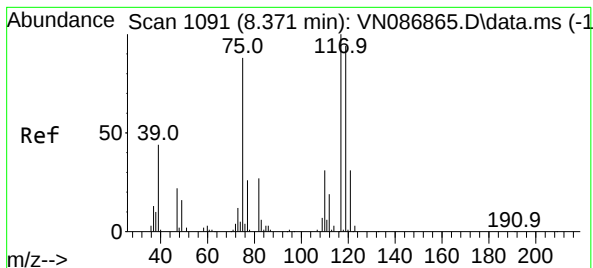
Ion Ratio Lower Upper

75 100

110 7.6 17.6 52.9#

77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 5.960 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.135 min

Lab File: VN087008.D

Acq: 13 Jun 2025 17:40

Instrument :

MSVOA_N

ClientSampleId :

IBLK

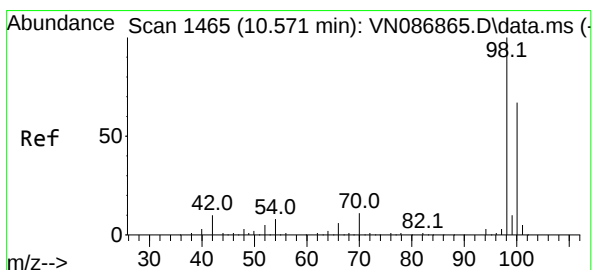
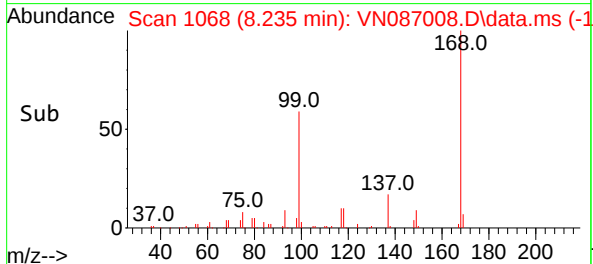
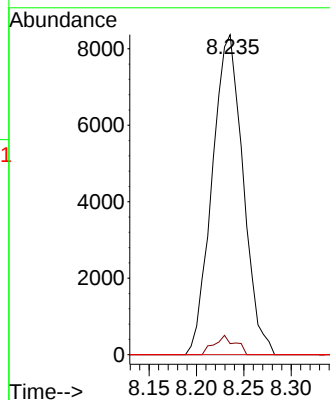
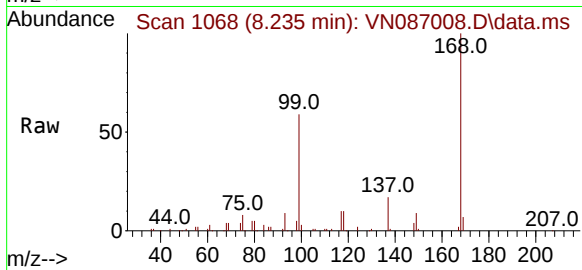
Tgt Ion:117 Resp: 18999

Ion Ratio Lower Upper

117 100

119 3.4 75.0 112.6#

121 0.0 24.9 37.3#



#50

Toluene-d8

Concen: 52.245 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN087008.D

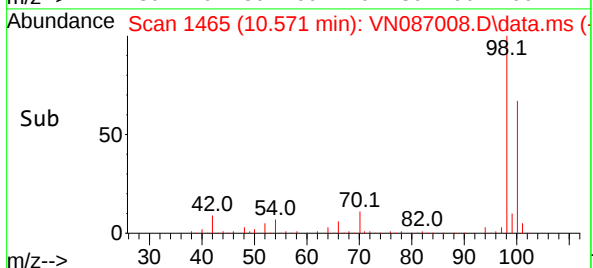
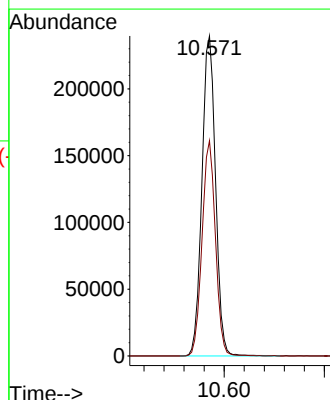
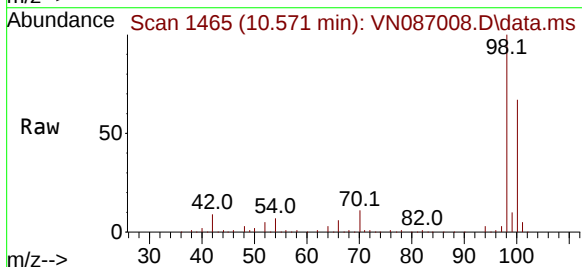
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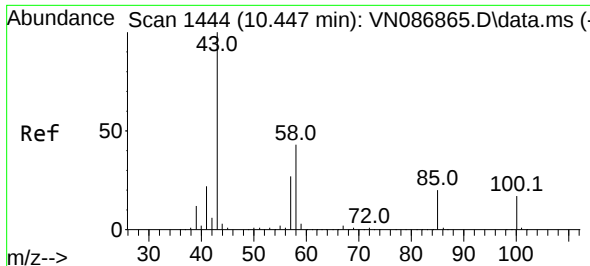
Tgt Ion: 98 Resp: 450640

Ion Ratio Lower Upper

98 100

100 66.3 53.4 80.0

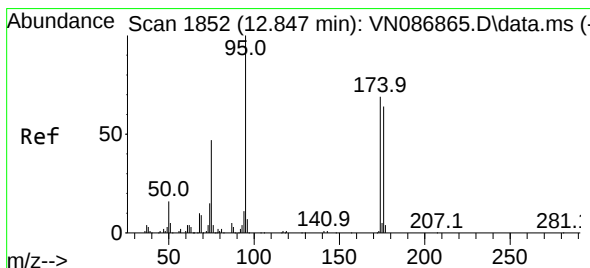
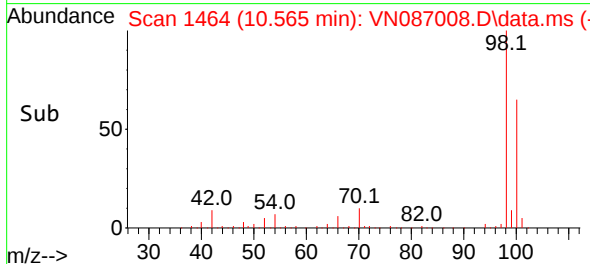
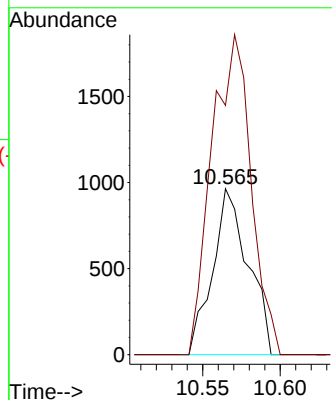
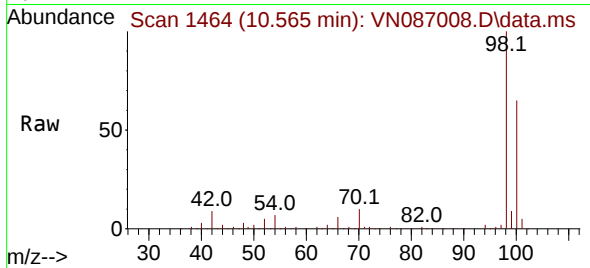




#51
4-Methyl-2-Pentanone
Concen: 0.385 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.117 min
Lab File: VN087008.D
Acq: 13 Jun 2025 17:40

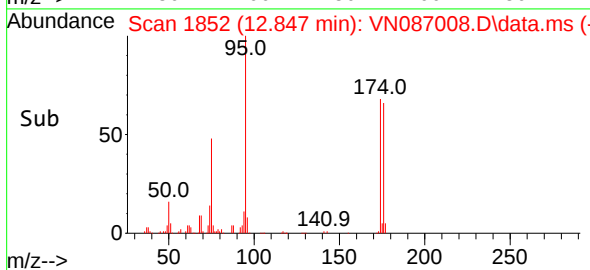
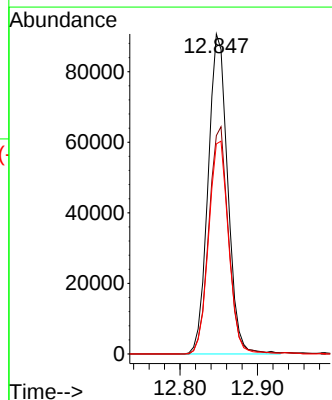
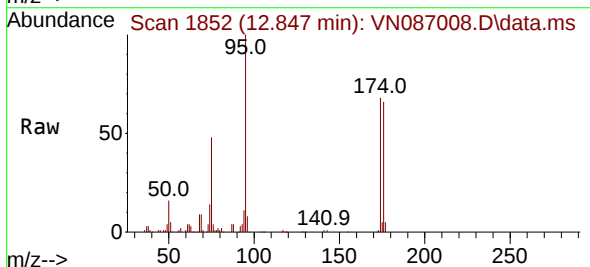
Instrument :
MSVOA_N
ClientSampleId :
IBLK

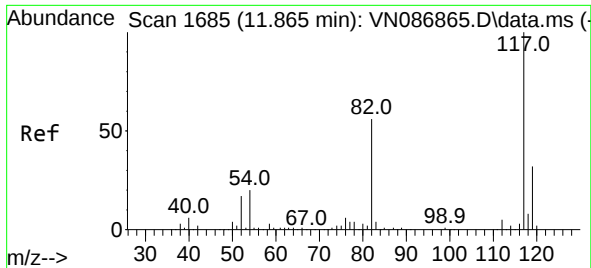
Tgt Ion: 43 Resp: 1539
Ion Ratio Lower Upper
43 100
58 212.9 34.2 51.4#



#62
4-Bromofluorobenzene
Concen: 49.727 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087008.D
Acq: 13 Jun 2025 17:40

Tgt Ion: 95 Resp: 159357
Ion Ratio Lower Upper
95 100
174 71.4 0.0 141.8
176 67.7 0.0 132.6

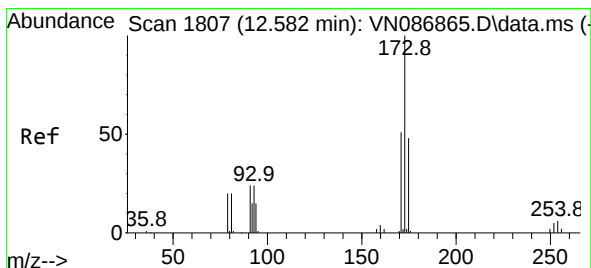
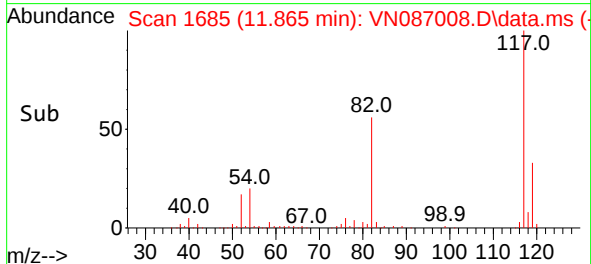
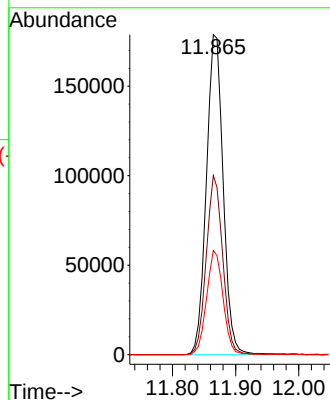
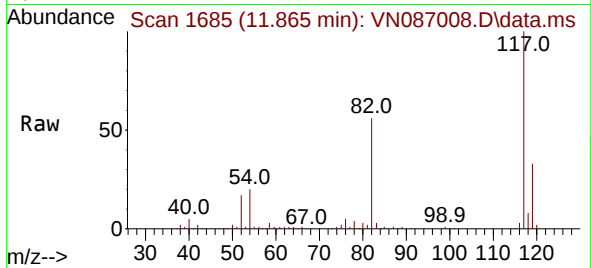




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087008.D
Acq: 13 Jun 2025 17:40

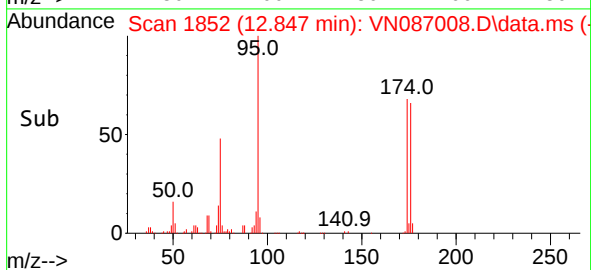
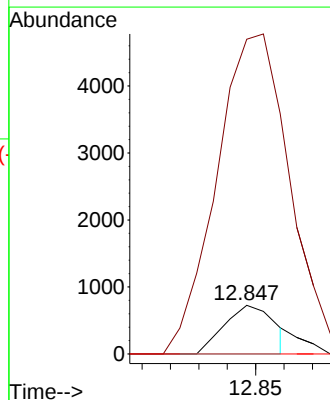
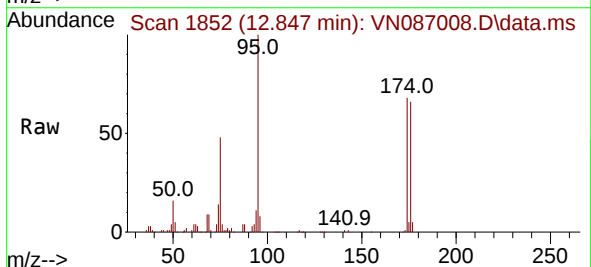
Instrument :
MSVOA_N
ClientSampleId :
IBLK

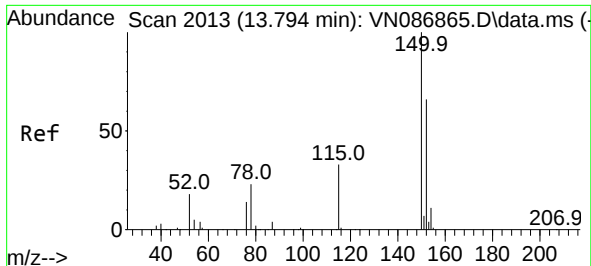
Tgt Ion:117 Resp: 330650
Ion Ratio Lower Upper
117 100
82 56.0 44.6 67.0
119 32.6 25.5 38.3



#71
Bromoform
Concen: 0.515 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.264 min
Lab File: VN087008.D
Acq: 13 Jun 2025 17:40

Tgt Ion:173 Resp: 895
Ion Ratio Lower Upper
173 100
175 824.9 24.1 72.4#
254 0.0 0.0 0.0

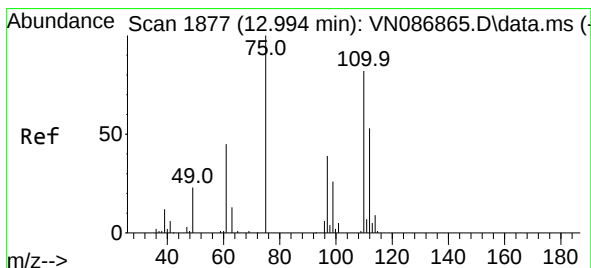
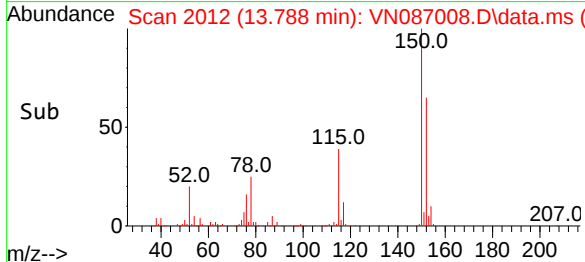
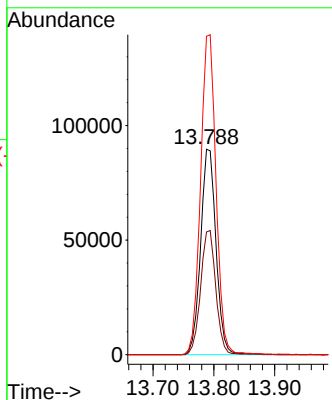
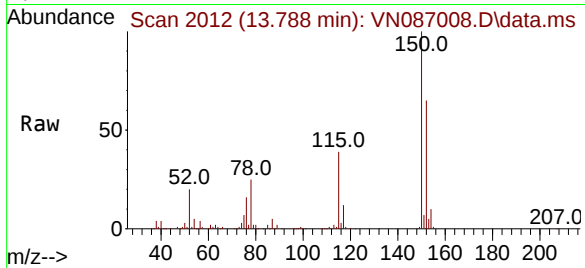




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087008.D
 Acq: 13 Jun 2025 17:40

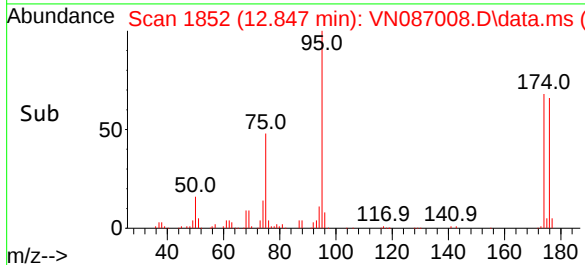
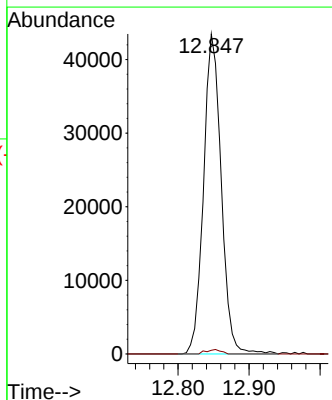
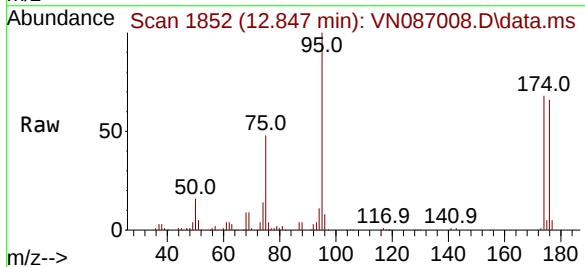
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

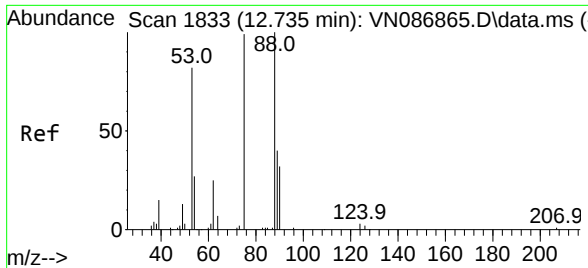
Tgt Ion:152 Resp: 157960
 Ion Ratio Lower Upper
 152 100
 115 59.7 30.1 90.5
 150 156.3 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 20.068 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN087008.D
 Acq: 13 Jun 2025 17:40

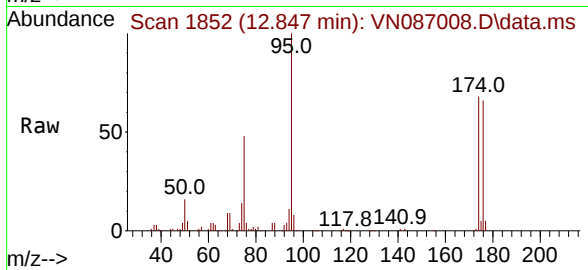
Tgt Ion: 75 Resp: 75350
 Ion Ratio Lower Upper
 75 100
 77 1.2 79.3 237.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 46.195 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN087008.D
Acq: 13 Jun 2025 17:40

Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.6	99.8#
89	0.0	36.7	55.1#

