

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061625\
 Data File : VN087037.D
 Acq On : 16 Jun 2025 17:19
 Operator : JC\MD
 Sample : Q2299-19
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW11-MW01I-20250611

Quant Time: Jun 17 07:26:44 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)

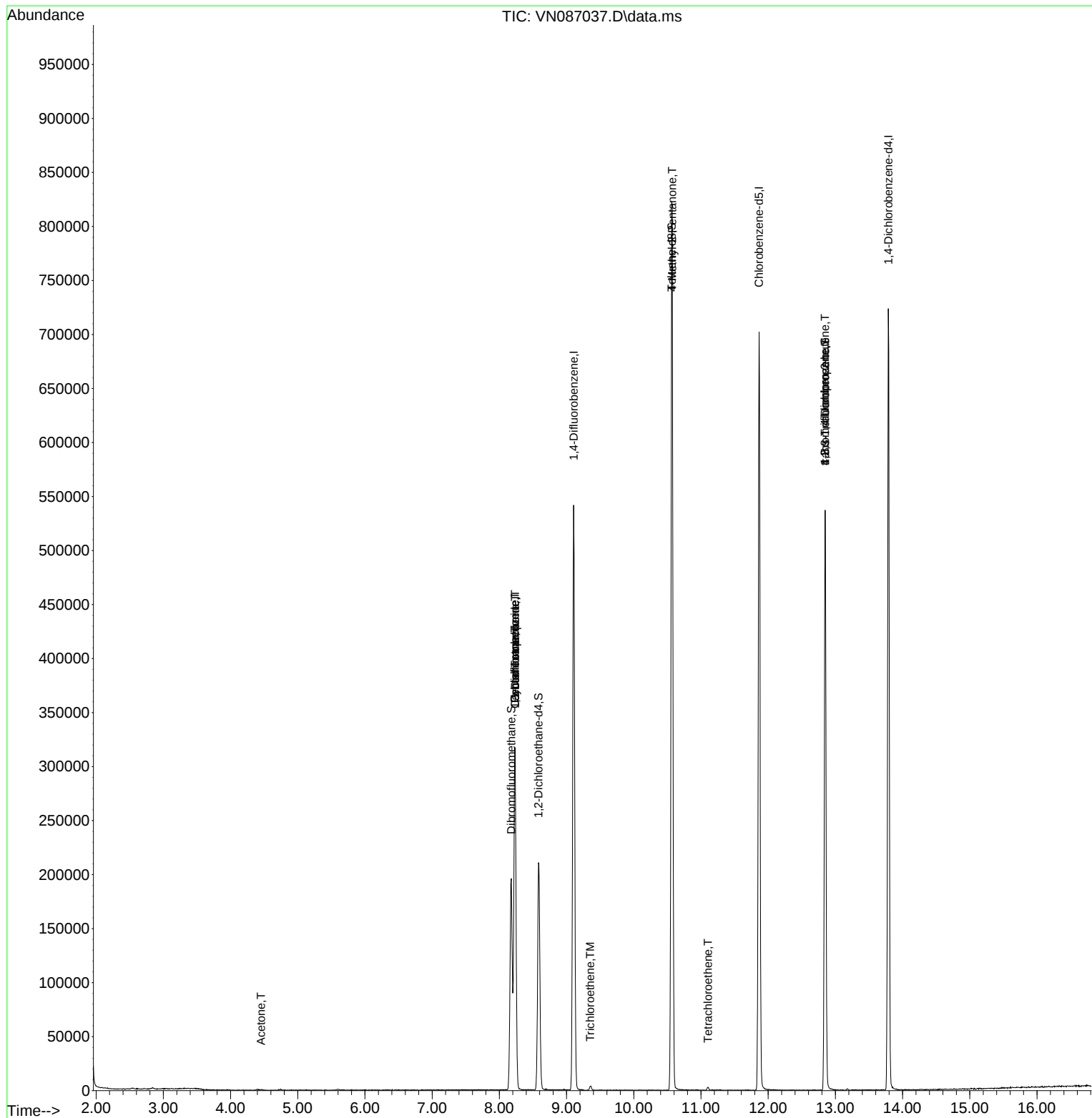
Internal Standards						
1) Pentafluorobenzene	8.230	168	254338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	501551	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	446146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	210117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	174495	51.242	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.480%	
35) Dibromofluoromethane	8.177	113	150960	50.789	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.580%	
50) Toluene-d8	10.565	98	615484	52.308	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.620%	
62) 4-Bromofluorobenzene	12.847	95	213259	48.782	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 97.560%	
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	1241	0.687	ug/l #	40
31) Cyclohexane	8.230	56	4291	0.777	ug/l #	1
36) 1,1-Dichloropropene	8.235	75	19271	4.351	ug/l #	48
38) Carbon Tetrachloride	8.235	117	25089	5.770	ug/l #	17
44) Trichloroethene	9.353	130	1633	0.476	ug/l	98
51) 4-Methyl-2-Pentanone	10.571	43	1992	0.366	ug/l #	1
64) Tetrachloroethene	11.106	164	771	0.273	ug/l	94
76) 1,2,3-Trichloropropane	12.847	75	99186	19.859	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	99186	45.714	ug/l #	16

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

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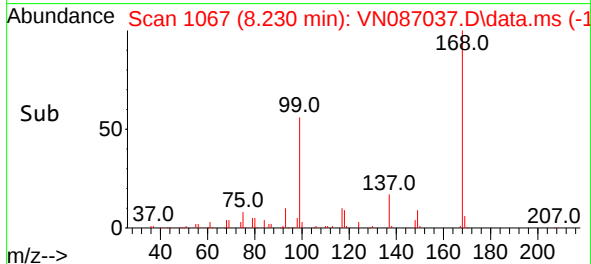
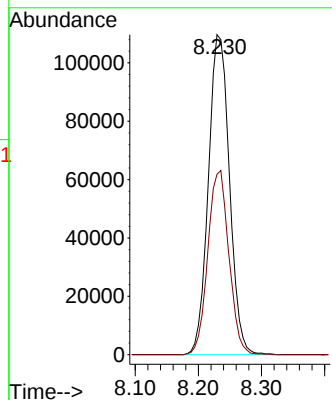
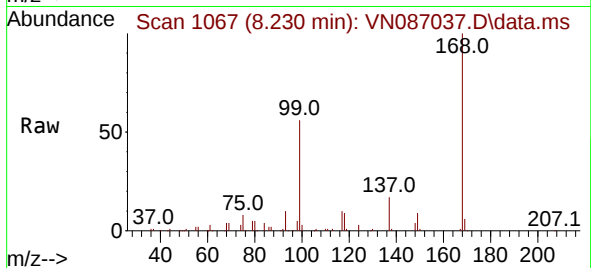




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087037.D
Acq: 16 Jun 2025 17:19

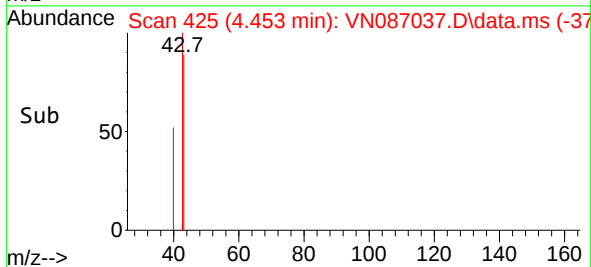
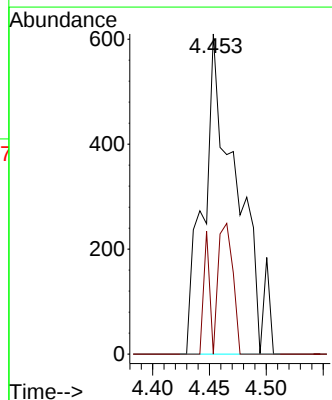
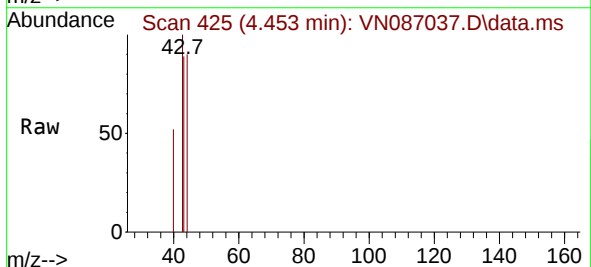
Instrument :
MSVOA_N
ClientSampleId :
RW11-MW01I-20250611

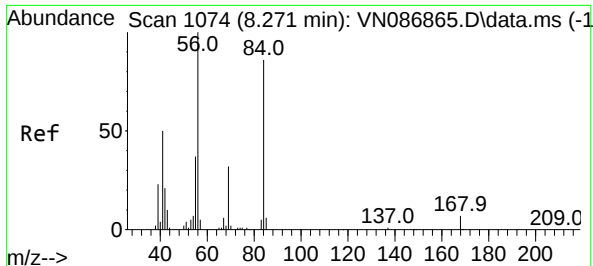
Tgt Ion:168 Resp: 254338
Ion Ratio Lower Upper
168 100
99 56.4 49.1 73.7



#16
Acetone
Concen: 0.687 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN087037.D
Acq: 16 Jun 2025 17:19

Tgt Ion: 43 Resp: 1241
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#

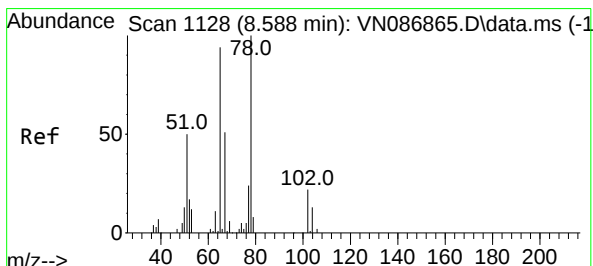
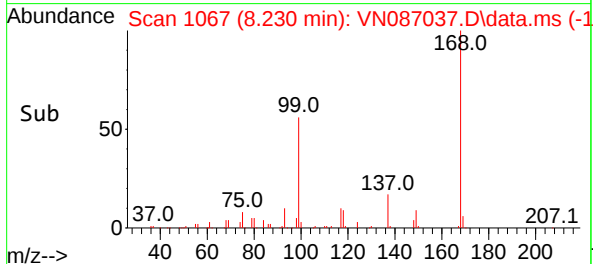
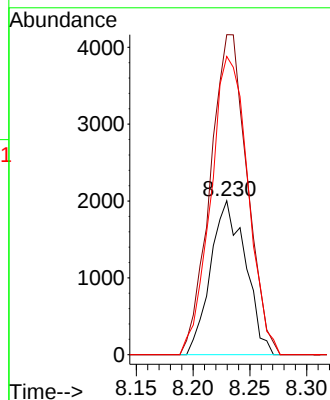
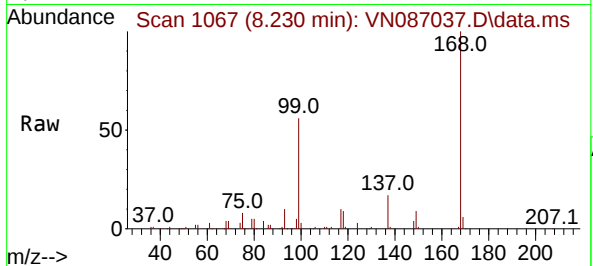




#31
Cyclohexane
Concen: 0.777 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.041 min
Lab File: VN087037.D
Acq: 16 Jun 2025 17:19

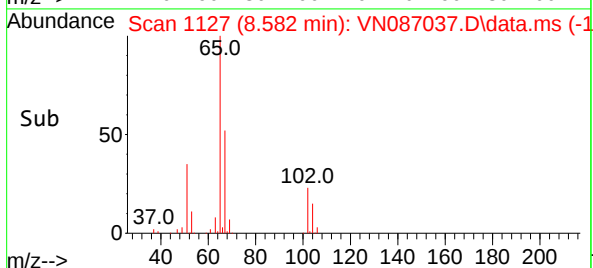
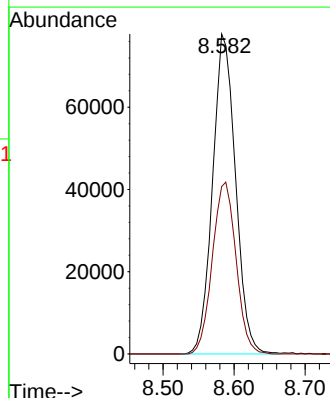
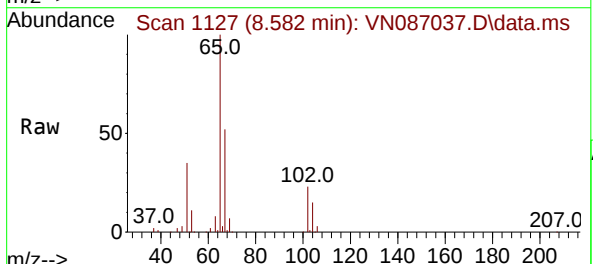
Instrument :
MSVOA_N
ClientSampleId :
RW11-MW01I-20250611

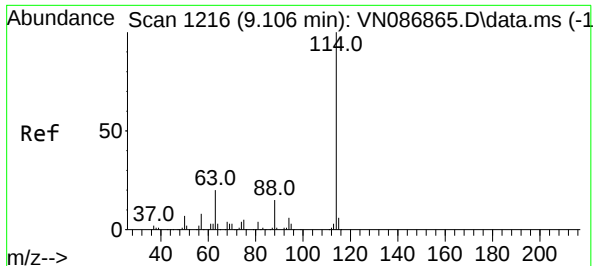
Tgt Ion: 56 Resp: 4291
Ion Ratio Lower Upper
56 100
69 207.9 25.4 38.0#
84 193.8 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 51.242 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN087037.D
Acq: 16 Jun 2025 17:19

Tgt Ion: 65 Resp: 174495
Ion Ratio Lower Upper
65 100
67 55.4 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087037.D

Acq: 16 Jun 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

RW11-MW01I-20250611

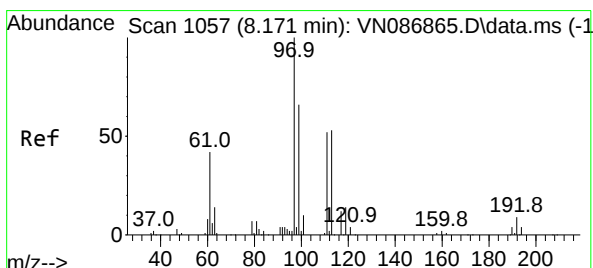
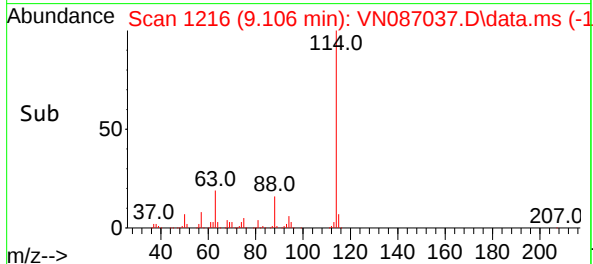
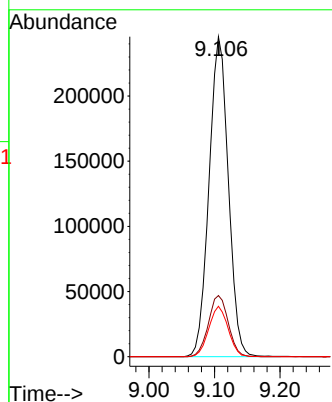
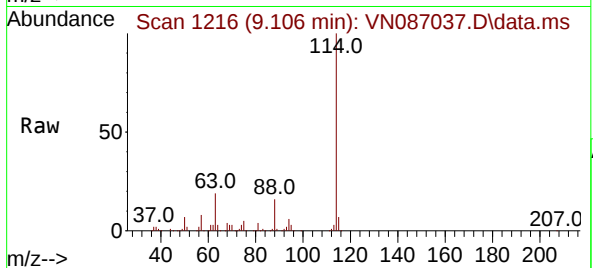
Tgt Ion:114 Resp: 501551

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.6

88 15.8 0.0 30.2



#35

Dibromofluoromethane

Concen: 50.789 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN087037.D

Acq: 16 Jun 2025 17:19

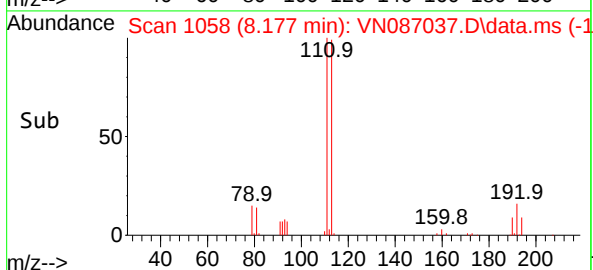
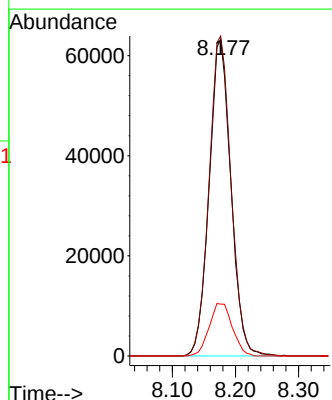
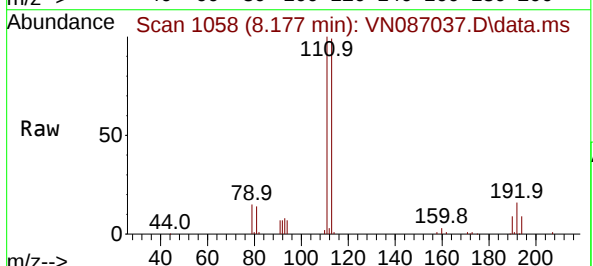
Tgt Ion:113 Resp: 150960

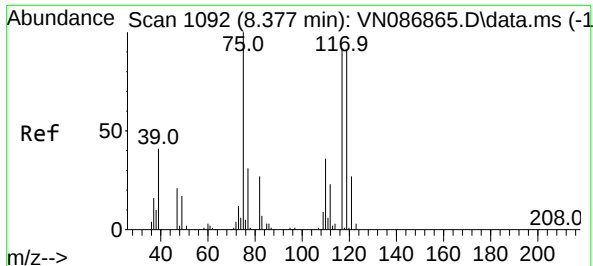
Ion Ratio Lower Upper

113 100

111 102.5 84.2 126.2

192 17.7 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.351 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VN087037.D

Acq: 16 Jun 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

RW11-MW01I-20250611

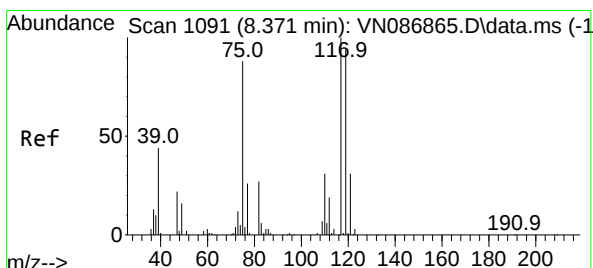
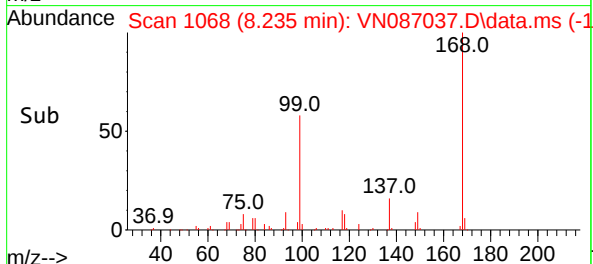
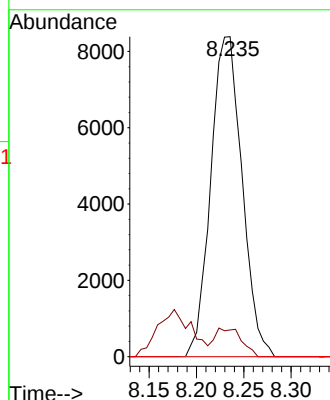
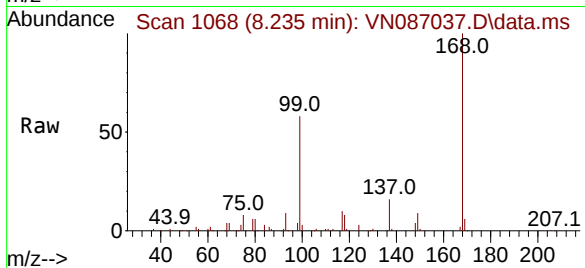
Tgt Ion: 75 Resp: 19271

Ion Ratio Lower Upper

75 100

110 7.6 17.6 52.9#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.770 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.135 min

Lab File: VN087037.D

Acq: 16 Jun 2025 17:19

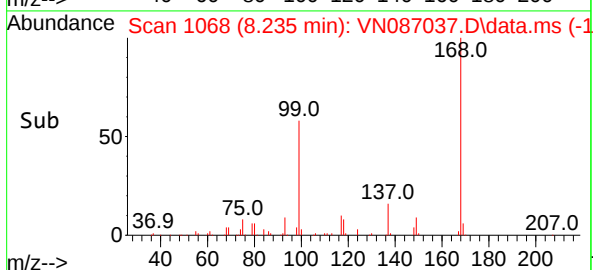
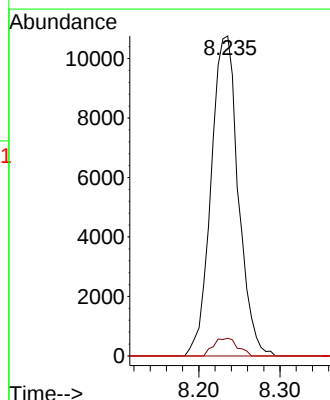
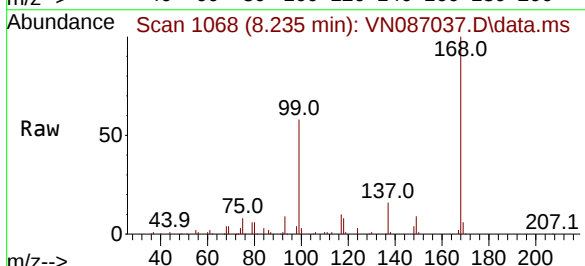
Tgt Ion: 117 Resp: 25089

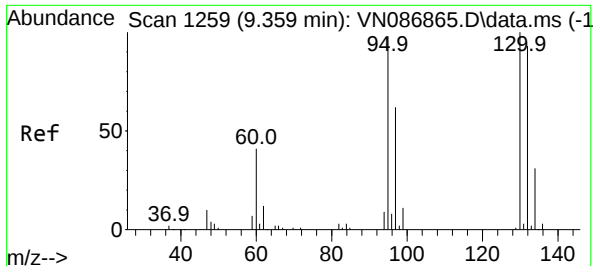
Ion Ratio Lower Upper

117 100

119 5.6 75.0 112.6#

121 0.0 24.9 37.3#

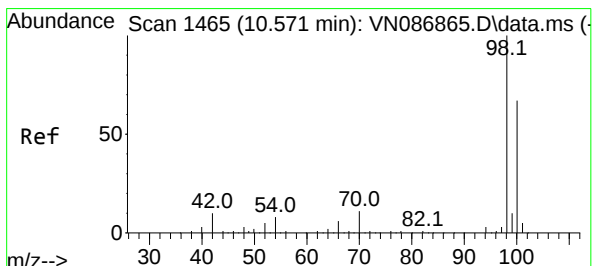
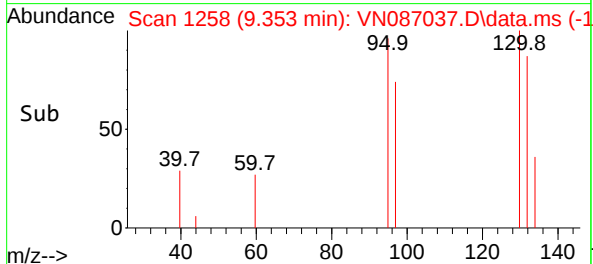
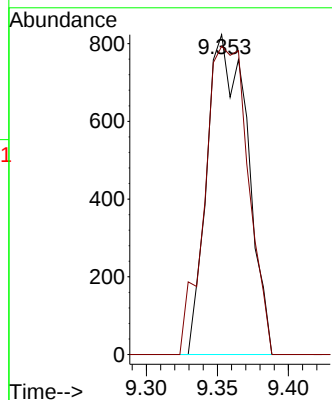
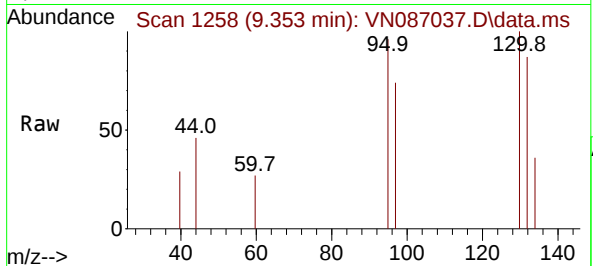




#44
 Trichloroethene
 Concen: 0.476 ug/l
 RT: 9.353 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN087037.D
 Acq: 16 Jun 2025 17:19

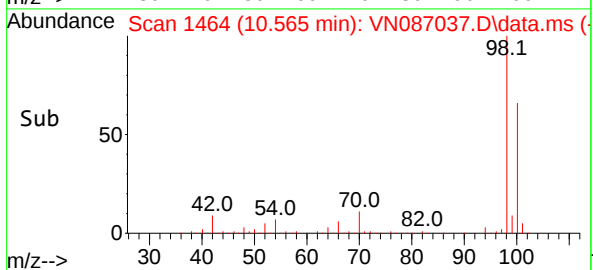
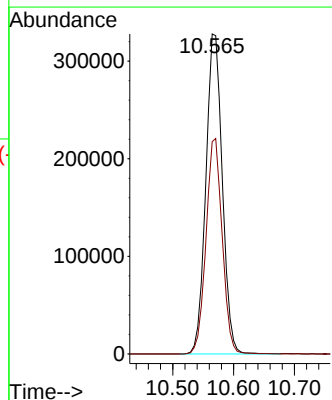
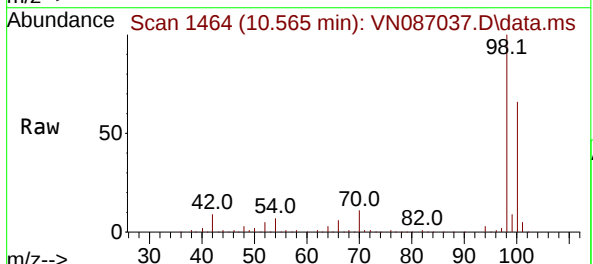
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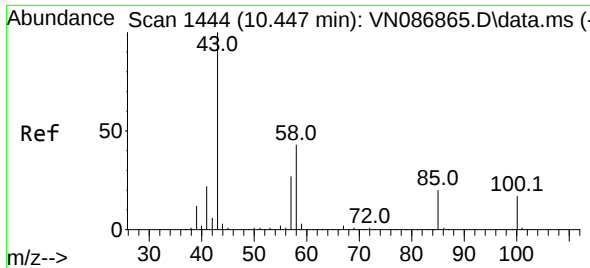
Tgt Ion:130 Resp: 1633
 Ion Ratio Lower Upper
 130 100
 95 96.4 0.0 196.2



#50
 Toluene-d8
 Concen: 52.308 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. -0.006 min
 Lab File: VN087037.D
 Acq: 16 Jun 2025 17:19

Tgt Ion: 98 Resp: 615484
 Ion Ratio Lower Upper
 98 100
 100 66.2 53.4 80.0

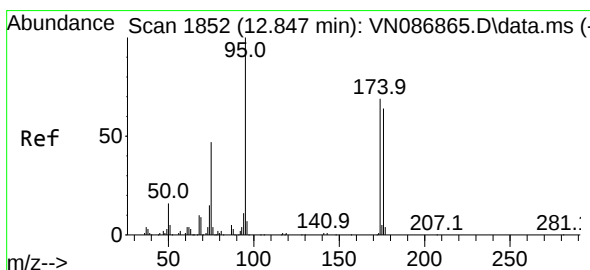
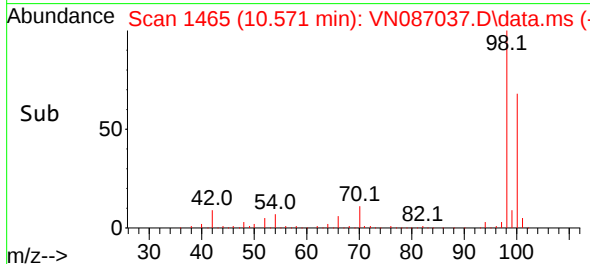
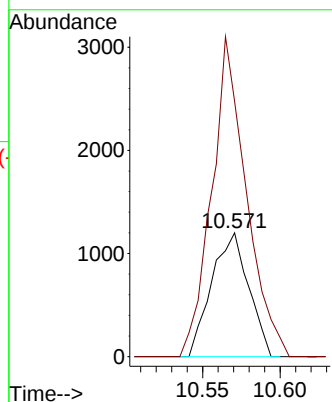
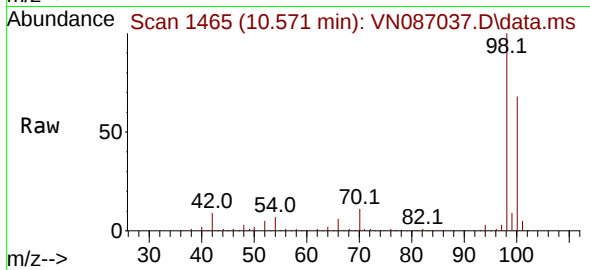




#51
4-Methyl-2-Pentanone
Concen: 0.366 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.123 min
Lab File: VN087037.D
Acq: 16 Jun 2025 17:19

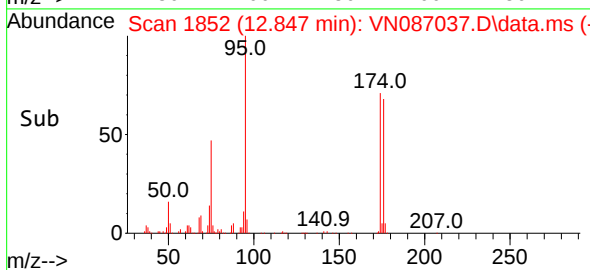
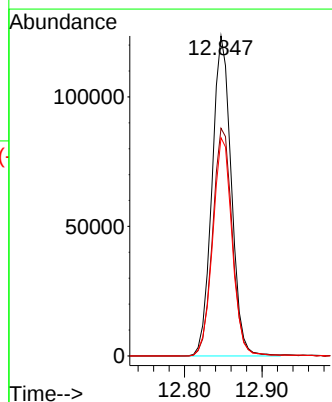
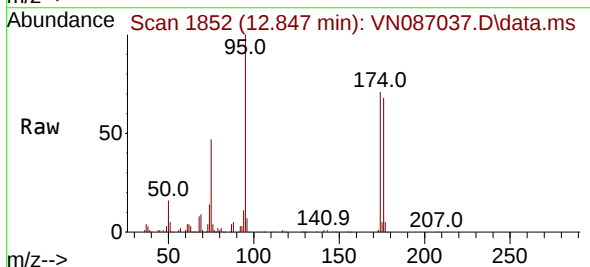
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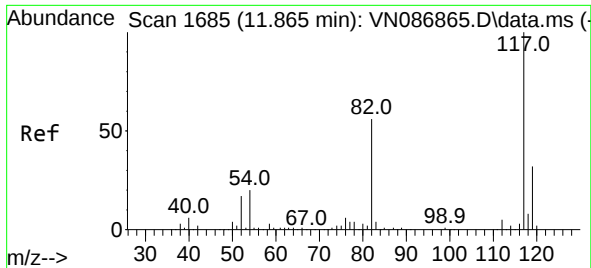
Tgt Ion: 43 Resp: 1992
Ion Ratio Lower Upper
43 100
58 242.1 34.2 51.4#



#62
4-Bromofluorobenzene
Concen: 48.782 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087037.D
Acq: 16 Jun 2025 17:19

Tgt Ion: 95 Resp: 213259
Ion Ratio Lower Upper
95 100
174 72.7 0.0 141.8
176 68.7 0.0 132.6

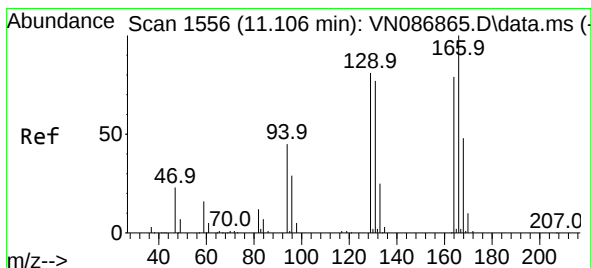
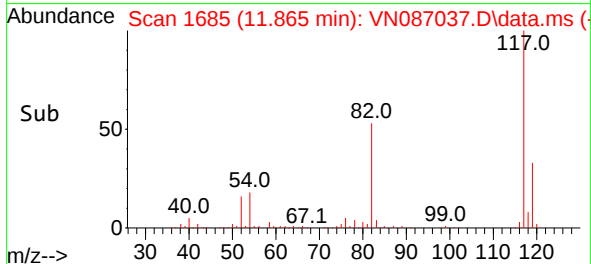
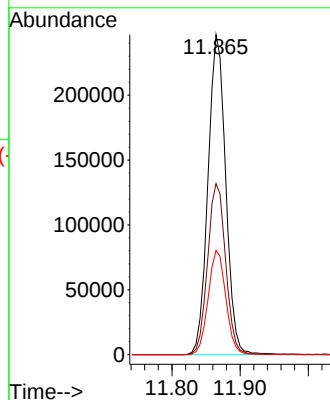
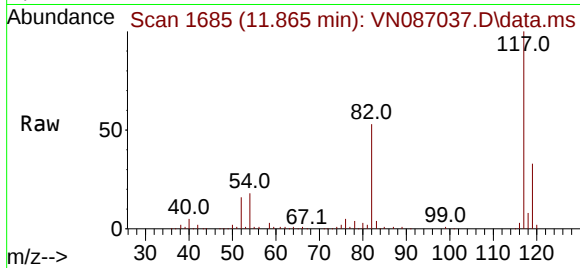




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087037.D
Acq: 16 Jun 2025 17:19

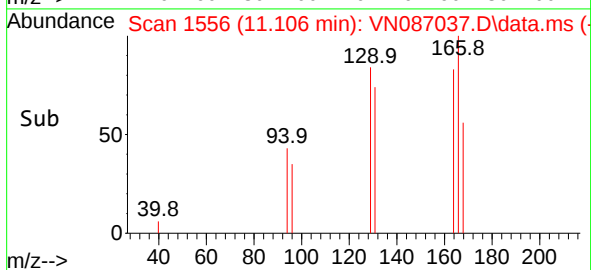
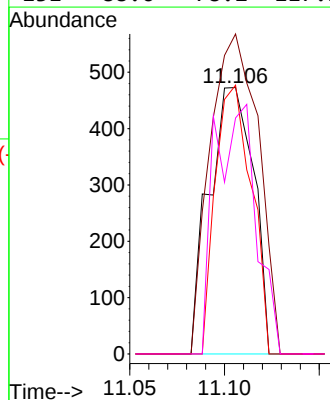
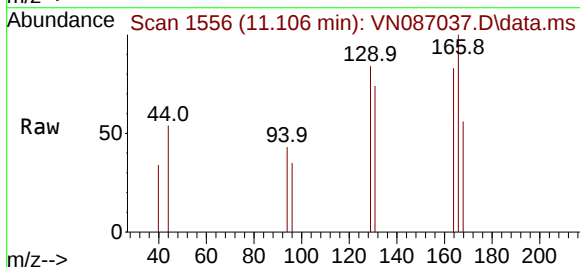
Instrument :
MSVOA_N
ClientSampleId :
RW11-MW01I-20250611

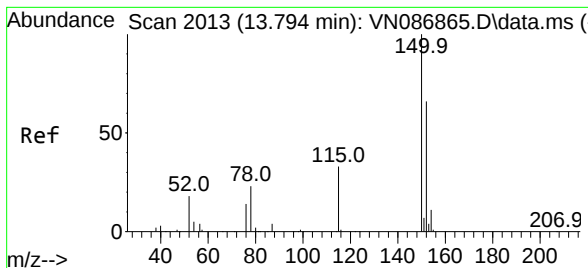
Tgt Ion:117 Resp: 446146
Ion Ratio Lower Upper
117 100
82 53.5 44.6 67.0
119 32.6 25.5 38.3



#64
Tetrachloroethene
Concen: 0.273 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087037.D
Acq: 16 Jun 2025 17:19

Tgt Ion:164 Resp: 771
Ion Ratio Lower Upper
164 100
166 120.1 101.8 152.8
129 100.8 83.0 124.4
131 88.6 78.2 117.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 20

Delta R.T. -0.006 min

Lab File: VN087037.D

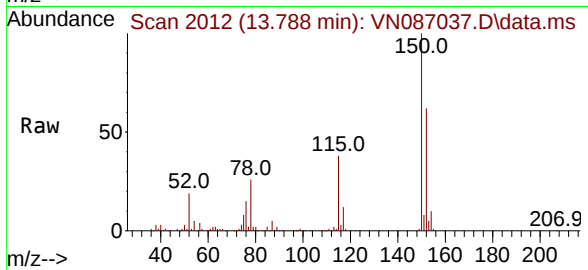
Acq: 16 Jun 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

RW11-MW01I-20250611



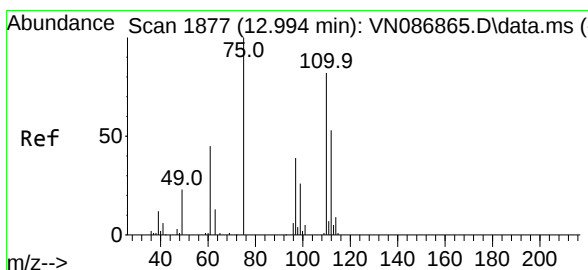
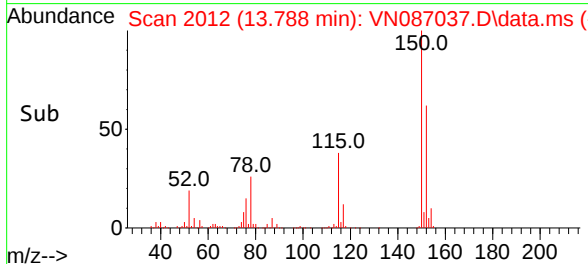
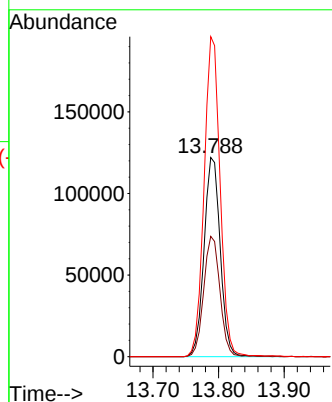
Tgt Ion:152 Resp: 210117

Ion Ratio Lower Upper

152 100

115 60.7 30.1 90.5

150 158.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 19.859 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN087037.D

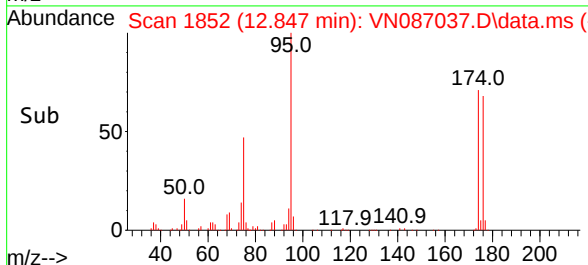
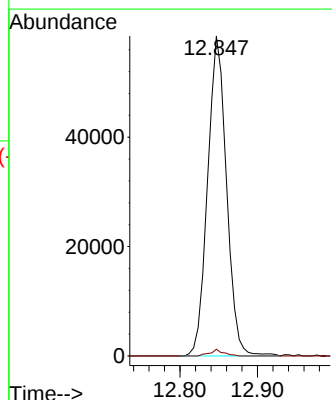
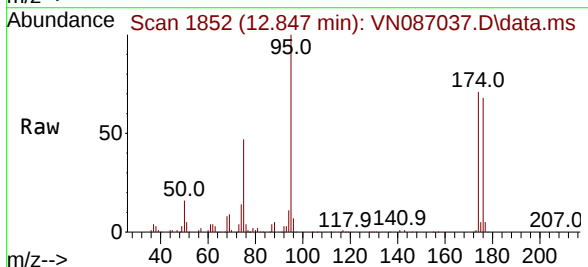
Acq: 16 Jun 2025 17:19

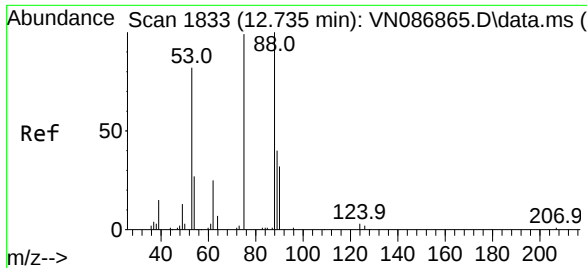
Tgt Ion: 75 Resp: 99186

Ion Ratio Lower Upper

75 100

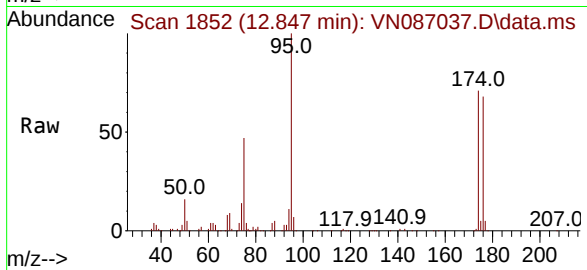
77 1.5 79.3 237.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 45.714 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN087037.D
Acq: 16 Jun 2025 17:19

Instrument :
MSVOA_N
ClientSampleId :
RW11-MW01I-20250611



Tgt Ion:	75	Resp:	99186
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.6	99.8#
89	0.0	36.7	55.1#

