

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
 Data File : VN087049.D
 Acq On : 17 Jun 2025 11:16
 Operator : JC\MD
 Sample : Q2307-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LINDEN-SAA-WATER

Quant Time: Jun 18 01:44:16 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)

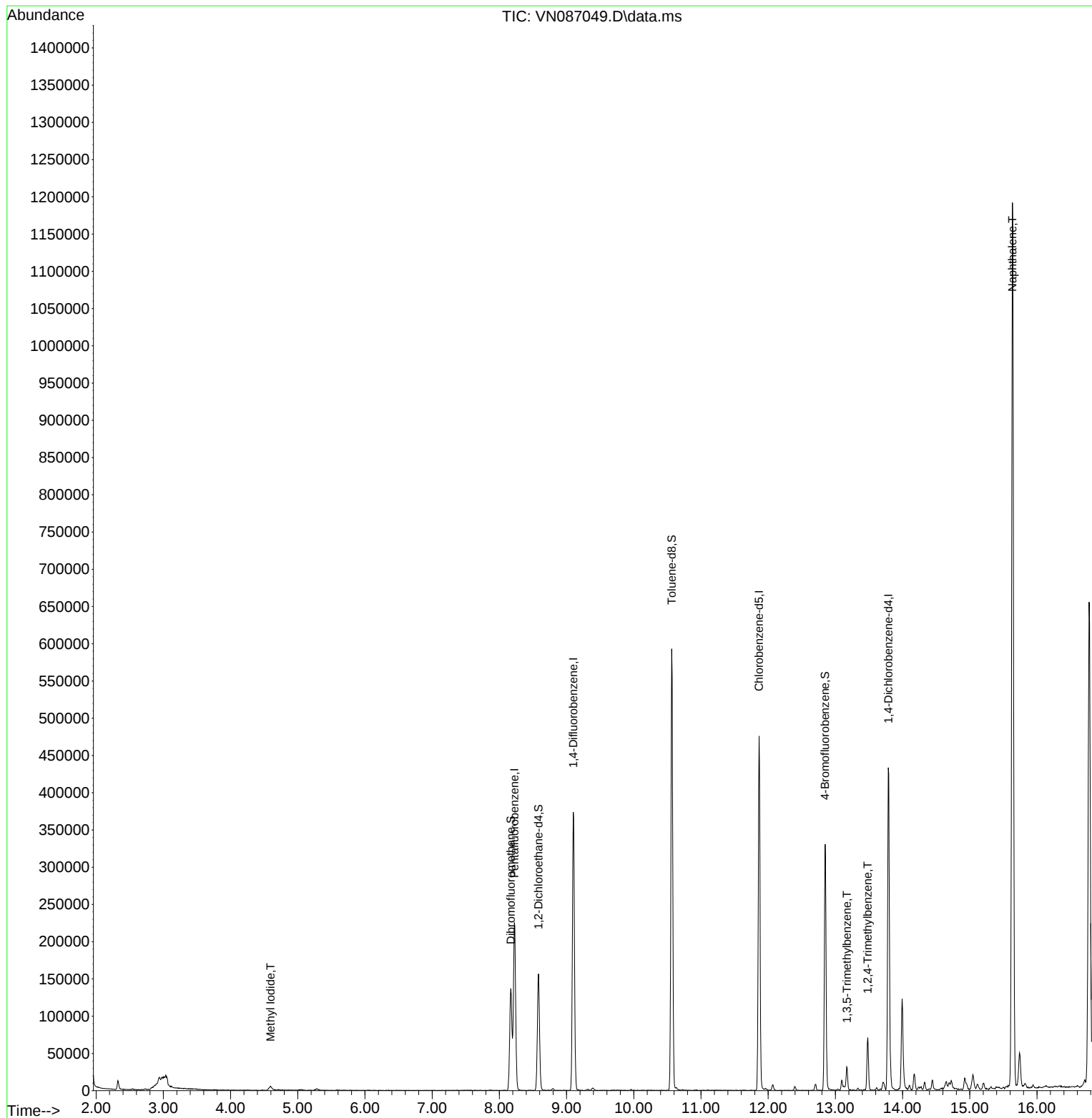
Internal Standards						
1) Pentafluorobenzene	8.224	168	177749	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	9.100	114	353507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	297972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	130416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	127233	53.462	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.920%	
35) Dibromofluoromethane	8.171	113	107782	51.448	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.900%	
50) Toluene-d8	10.565	98	432778	52.183	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.360%	
62) 4-Bromofluorobenzene	12.847	95	135658	44.027	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 88.060%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.595	142	11350	4.518	ug/l	91
80) 1,3,5-Trimethylbenzene	13.171	105	18031	2.299	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	41546	5.282	ug/l	99
95) Naphthalene	15.635	128	1174087	119.936	ug/l	100

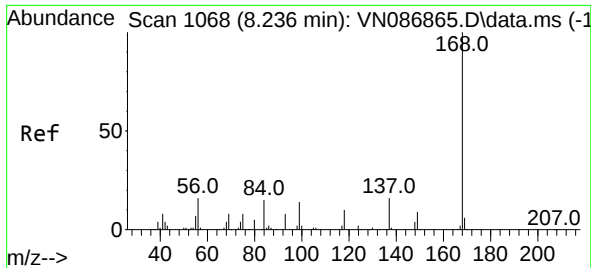
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
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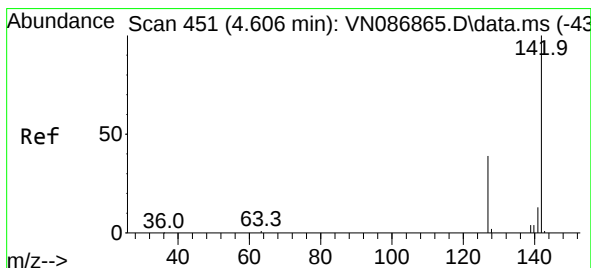
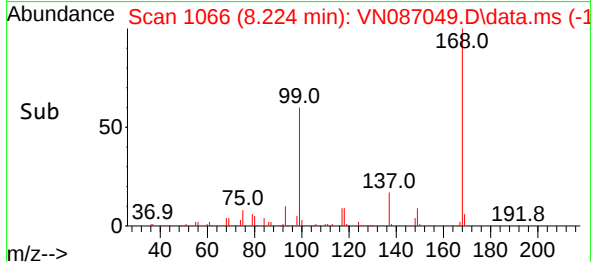
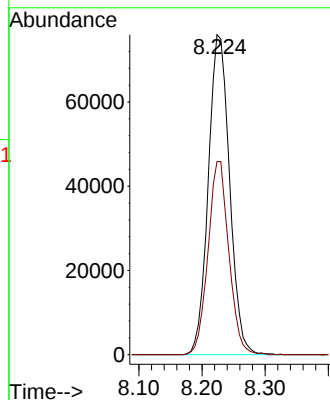
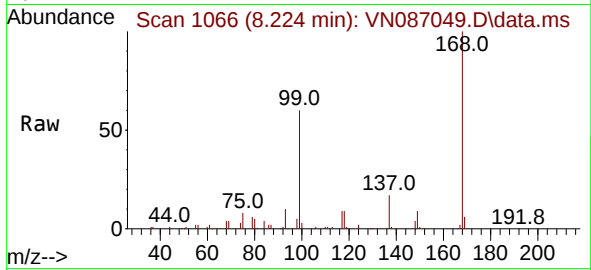




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.012 min
Lab File: VN087049.D
Acq: 17 Jun 2025 11:16

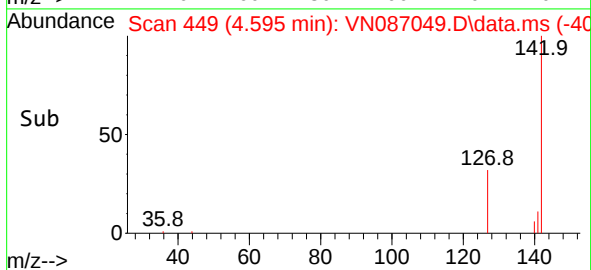
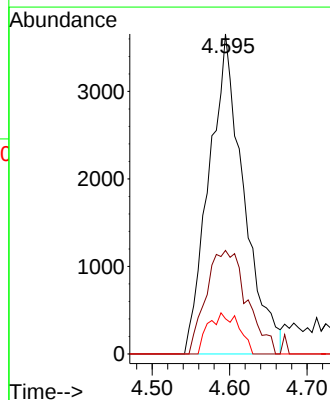
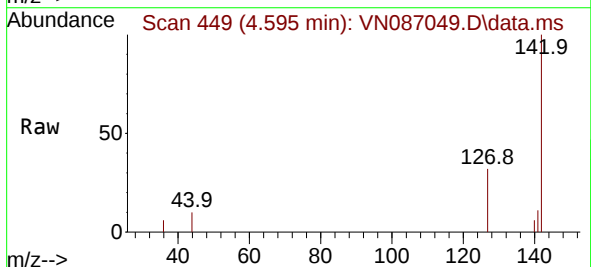
Instrument :
MSVOA_N
ClientSampleId :
LINDEN-SAA-WATER

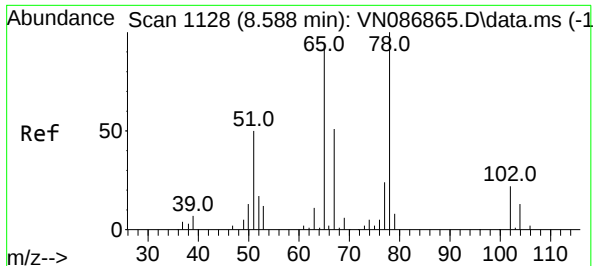
Tgt Ion:168 Resp: 177749
Ion Ratio Lower Upper
168 100
99 60.3 49.1 73.7



#10
Methyl Iodide
Concen: 4.518 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.012 min
Lab File: VN087049.D
Acq: 17 Jun 2025 11:16

Tgt Ion:142 Resp: 11350
Ion Ratio Lower Upper
142 100
127 32.3 30.9 46.3
141 11.0 10.4 15.6





#33

1,2-Dichloroethane-d4

Concen: 53.462 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN087049.D

Acq: 17 Jun 2025 11:16

Instrument :

MSVOA_N

ClientSampleId :

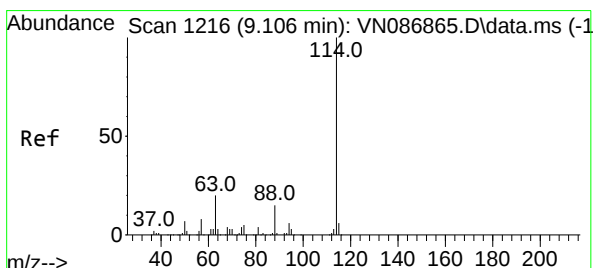
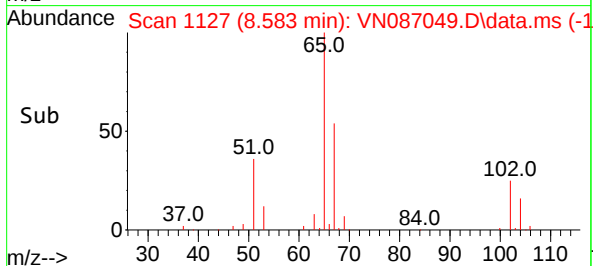
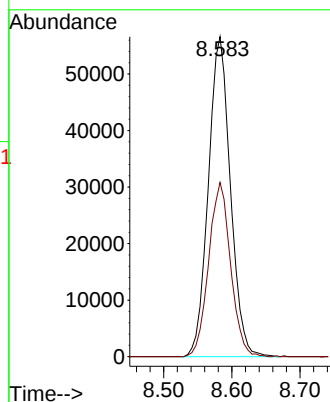
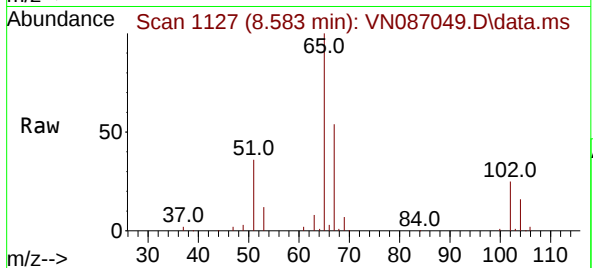
LINDEN-SAA-WATER

Tgt Ion: 65 Resp: 127233

Ion Ratio Lower Upper

65 100

67 54.1 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN087049.D

Acq: 17 Jun 2025 11:16

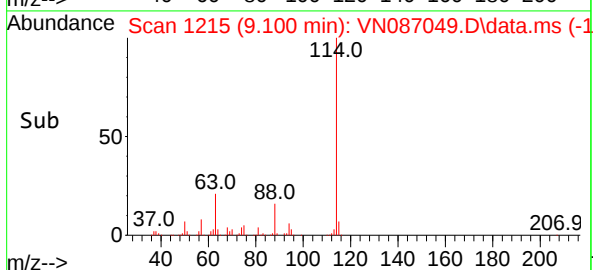
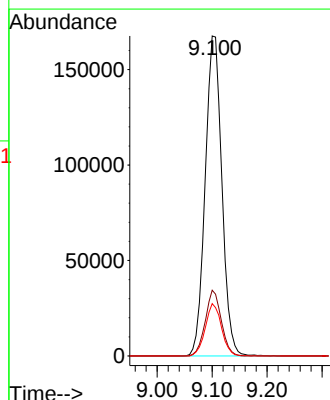
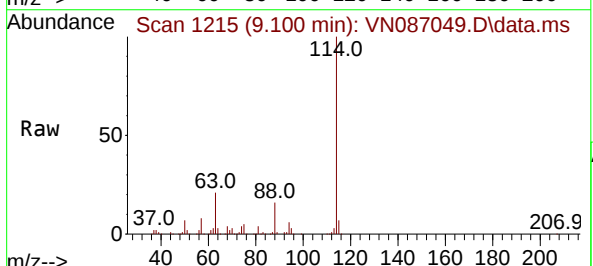
Tgt Ion: 114 Resp: 353507

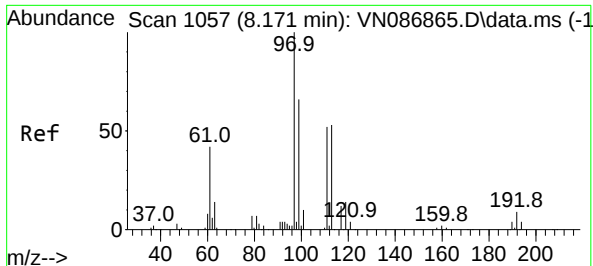
Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.6

88 16.3 0.0 30.2





#35

Dibromofluoromethane

Concen: 51.448 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN087049.D

Acq: 17 Jun 2025 11:16

Instrument :

MSVOA_N

ClientSampleId :

LINDEN-SAA-WATER

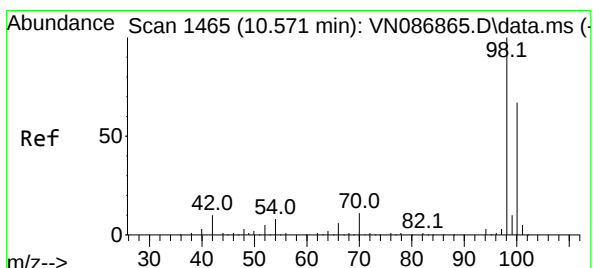
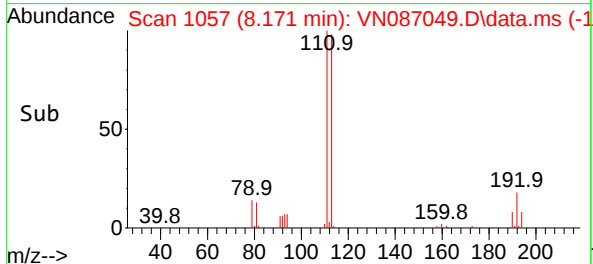
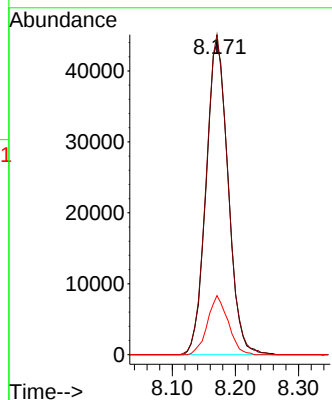
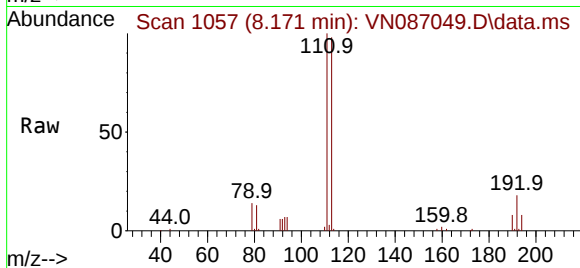
Tgt Ion:113 Resp: 107782

Ion Ratio Lower Upper

113 100

111 101.0 84.2 126.2

192 17.6 14.2 21.4



#50

Toluene-d8

Concen: 52.183 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN087049.D

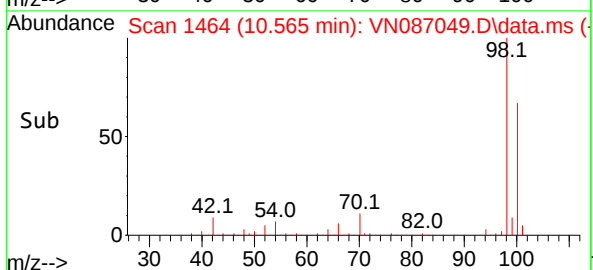
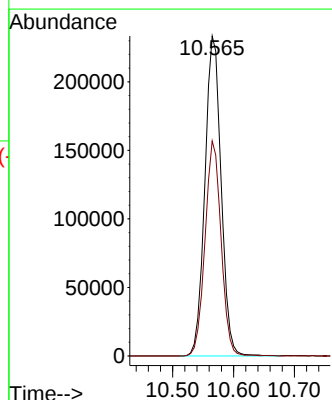
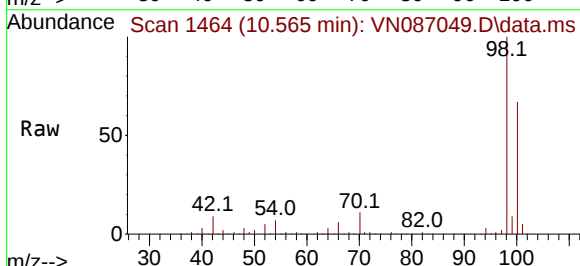
Acq: 17 Jun 2025 11:16

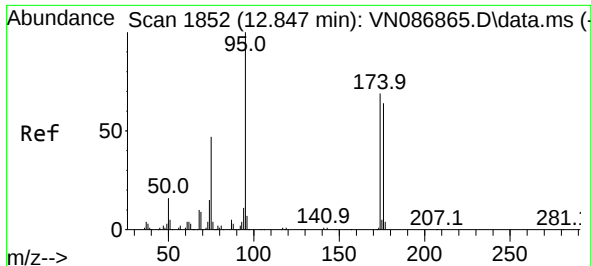
Tgt Ion: 98 Resp: 432778

Ion Ratio Lower Upper

98 100

100 66.3 53.4 80.0

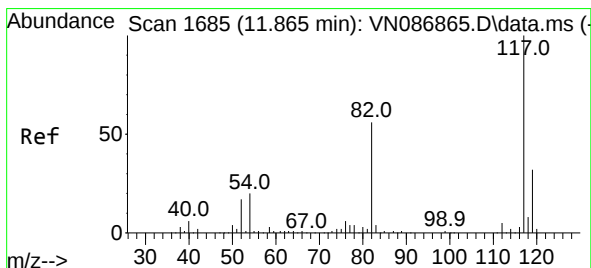
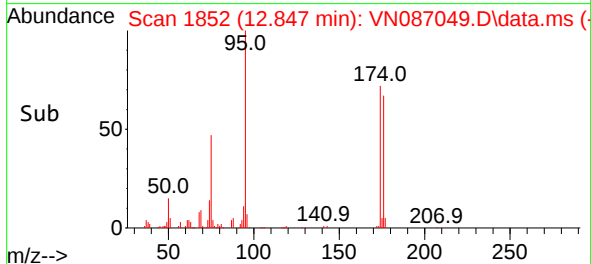
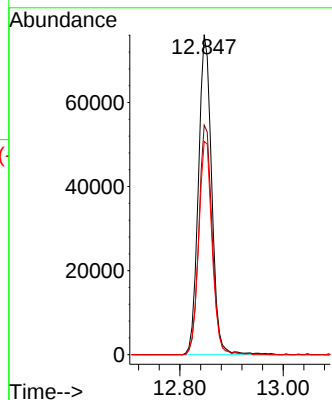
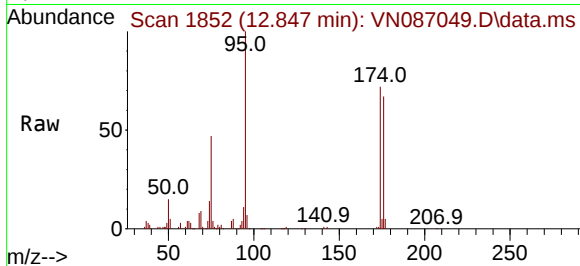




#62
4-Bromofluorobenzene
Concen: 44.027 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087049.D
Acq: 17 Jun 2025 11:16

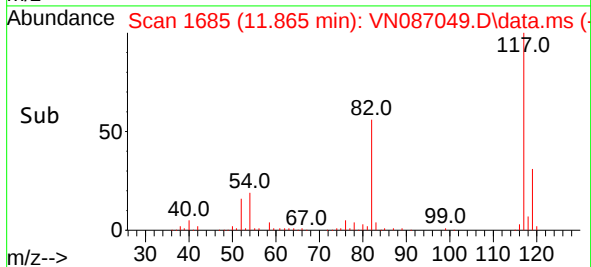
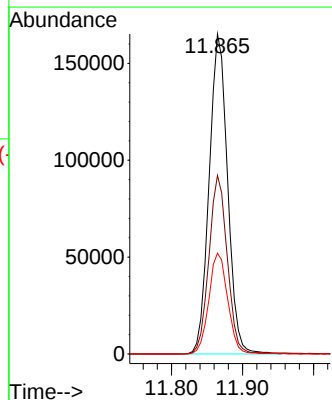
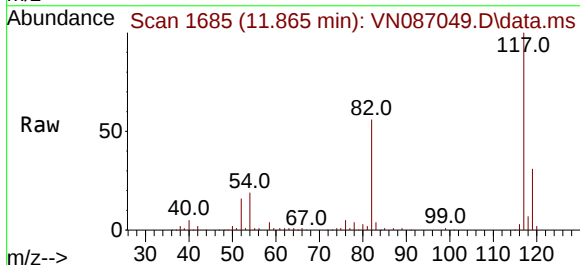
Instrument :
MSVOA_N
ClientSampleId :
LINDEN-SAA-WATER

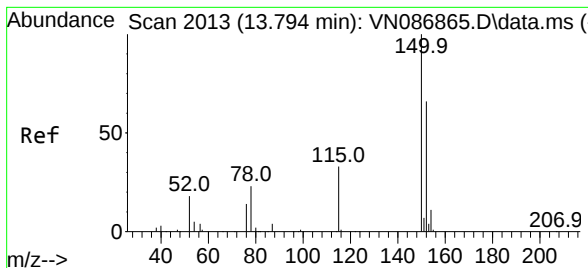
Tgt Ion: 95 Resp: 135658
Ion Ratio Lower Upper
95 100
174 72.2 0.0 141.8
176 67.2 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087049.D
Acq: 17 Jun 2025 11:16

Tgt Ion: 117 Resp: 297972
Ion Ratio Lower Upper
117 100
82 55.8 44.6 67.0
119 31.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2013

Delta R.T. -0.006 min

Lab File: VN087049.D

Acq: 17 Jun 2025 11:16

Instrument :

MSVOA_N

ClientSampleId :

LINDEN-SAA-WATER

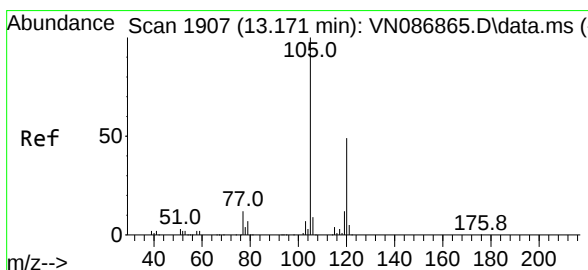
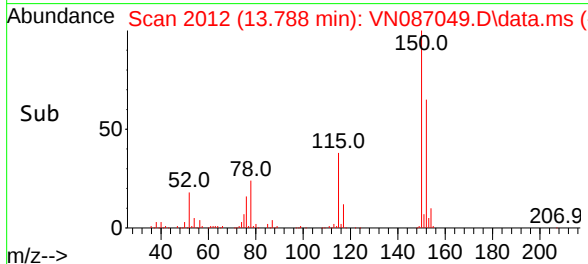
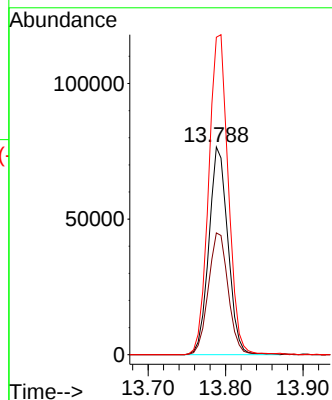
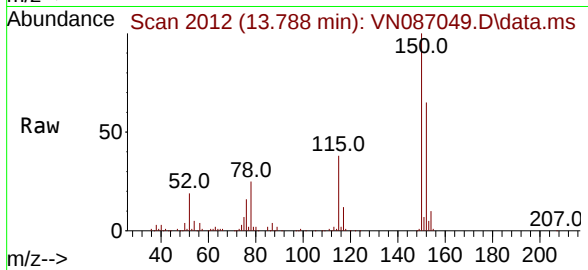
Tgt Ion:152 Resp: 130416

Ion Ratio Lower Upper

152 100

115 61.6 30.1 90.5

150 158.6 0.0 345.0



#80

1,3,5-Trimethylbenzene

Concen: 2.299 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN087049.D

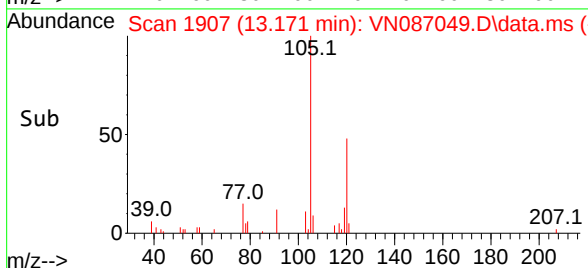
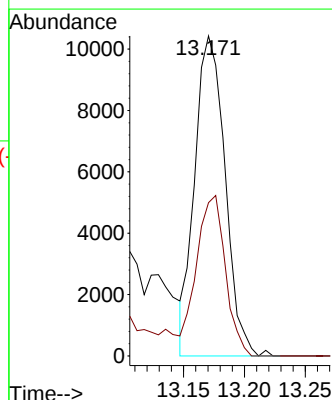
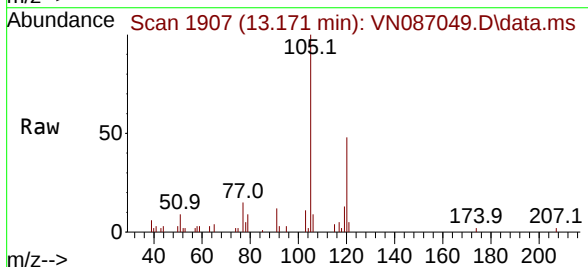
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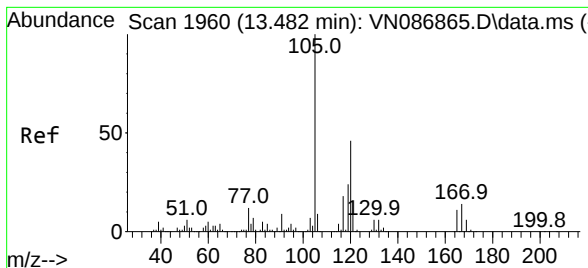
Tgt Ion:105 Resp: 18031

Ion Ratio Lower Upper

105 100

120 47.9 24.9 74.6





#84

1,2,4-Trimethylbenzene

Concen: 5.282 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN087049.D

Acq: 17 Jun 2025 11:16

Instrument :

MSVOA_N

ClientSampleId :

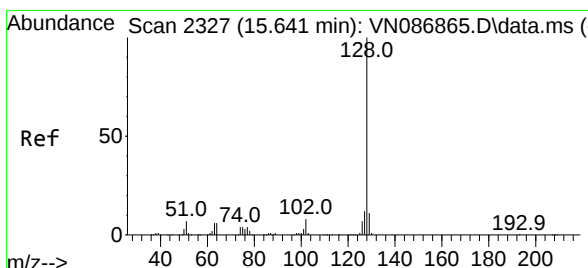
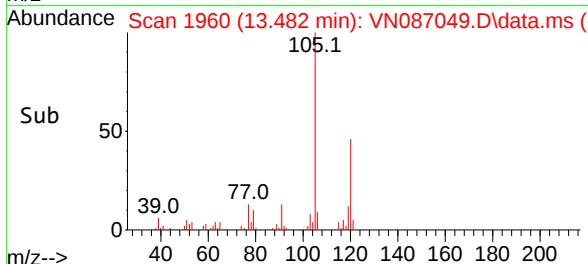
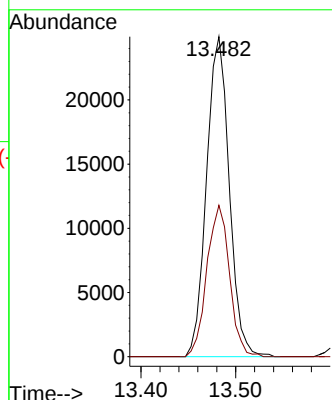
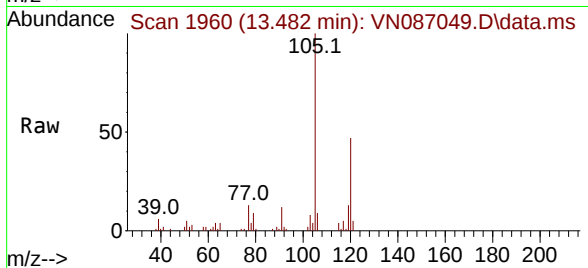
LINDEN-SAA-WATER

Tgt Ion:105 Resp: 41546

Ion Ratio Lower Upper

105 100

120 47.2 23.2 69.6



#95

Naphthalene

Concen: 119.936 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.006 min

Lab File: VN087049.D

Acq: 17 Jun 2025 11:16

Tgt Ion:128 Resp: 1174087

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.9 8.8 13.2

