

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061825\
 Data File : VN087091.D
 Acq On : 18 Jun 2025 17:14
 Operator : JC\MD
 Sample : Q2329-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB01-20250613

Quant Time: Jun 19 01:31:49 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)

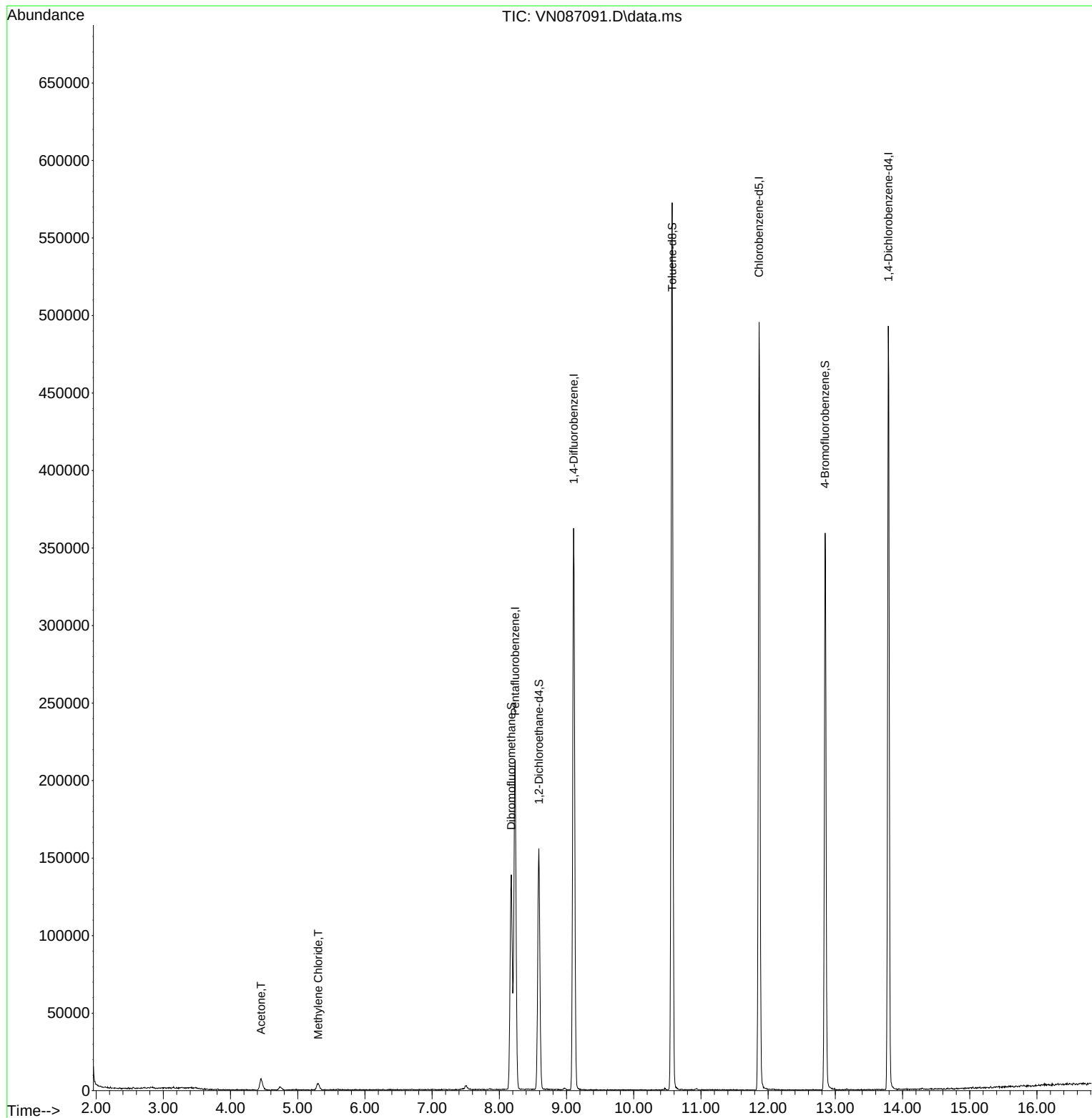
Internal Standards						
1) Pentafluorobenzene	8.236	168	167663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	340012	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	307785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	147034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	125973	56.117	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.240%
35) Dibromofluoromethane	8.177	113	106459	52.833	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.660%
50) Toluene-d8	10.571	98	420334	52.694	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.380%
62) 4-Bromofluorobenzene	12.847	95	145284	49.022	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.040%
Target Compounds						
						Qvalue
16) Acetone	4.453	43	14563	12.233	ug/l	94
20) Methylene Chloride	5.306	84	3985	1.788	ug/l	94

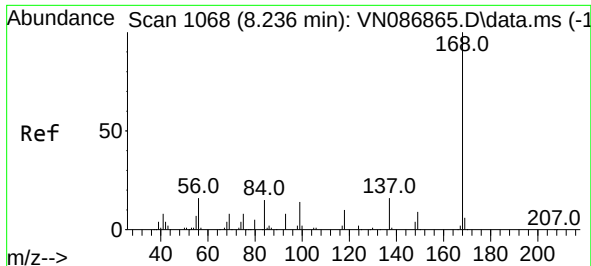
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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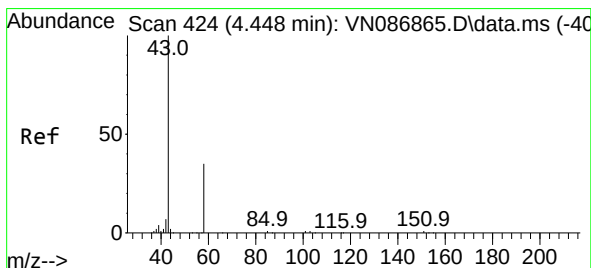
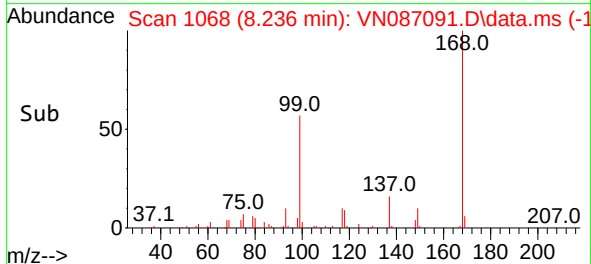
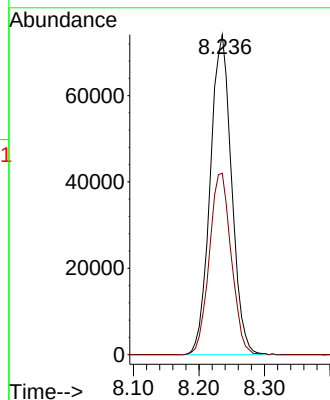
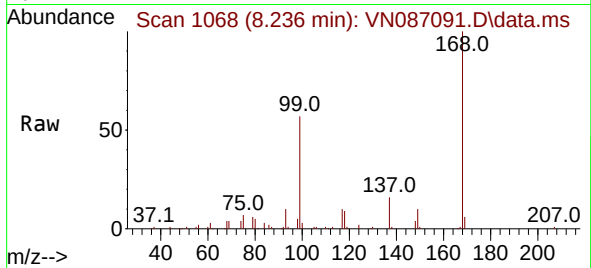




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN087091.D
Acq: 18 Jun 2025 17:14

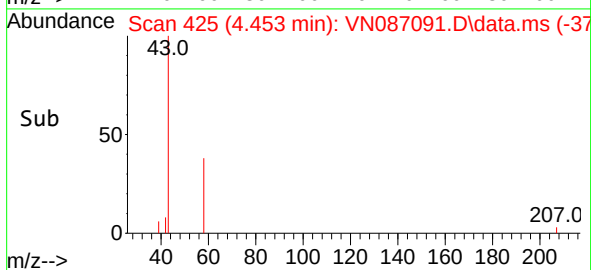
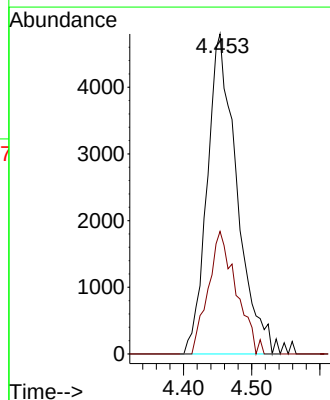
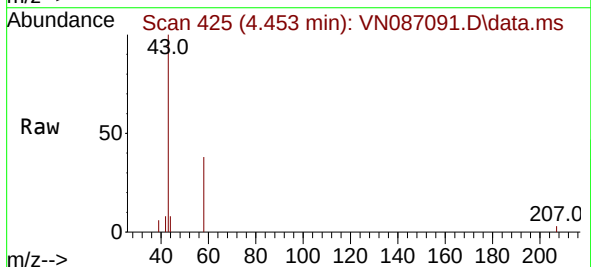
Instrument :
MSVOA_N
ClientSampleId :
EB01-20250613

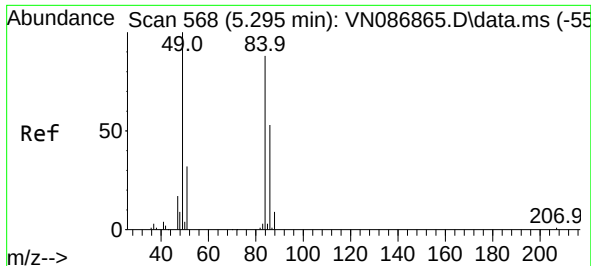
Tgt Ion:168 Resp: 167663
Ion Ratio Lower Upper
168 100
99 56.7 49.1 73.7



#16
Acetone
Concen: 12.233 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN087091.D
Acq: 18 Jun 2025 17:14

Tgt Ion: 43 Resp: 14563
Ion Ratio Lower Upper
43 100
58 38.3 28.0 42.0





#20

Methylene Chloride

Concen: 1.788 ug/l

RT: 5.306 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN087091.D

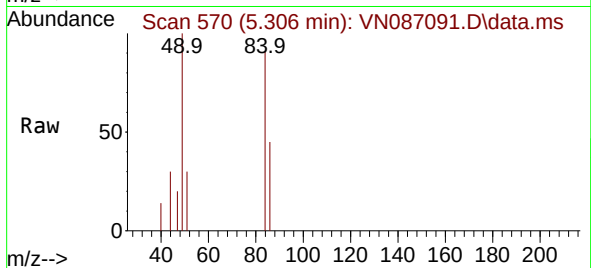
Acq: 18 Jun 2025 17:14

Instrument :

MSVOA_N

ClientSampleId :

EB01-20250613



Tgt Ion: 84 Resp: 3985

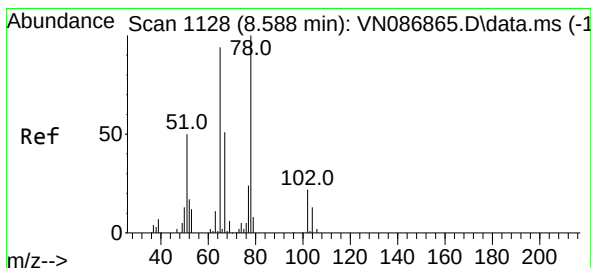
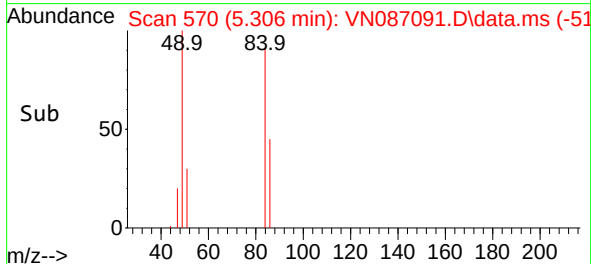
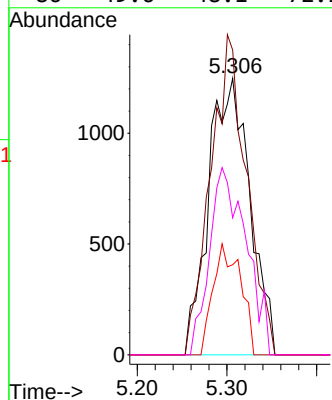
Ion Ratio Lower Upper

84 100

49 110.3 90.5 135.7

51 32.5 28.5 42.7

86 49.6 48.1 72.1



#33

1,2-Dichloroethane-d4

Concen: 56.117 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087091.D

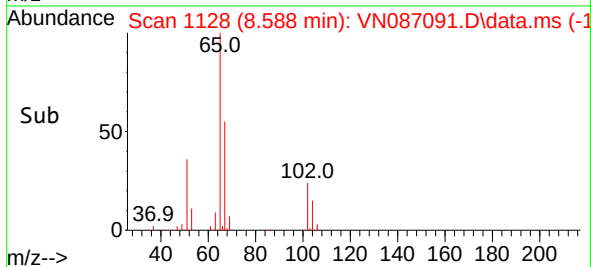
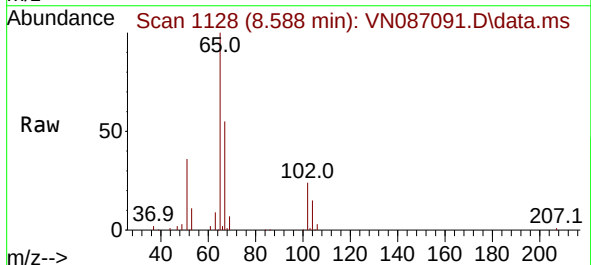
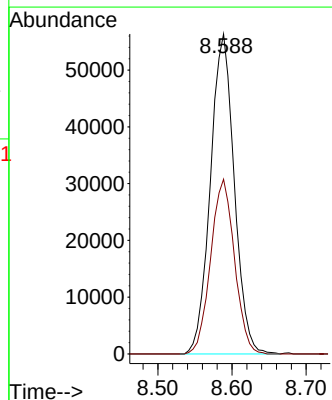
Acq: 18 Jun 2025 17:14

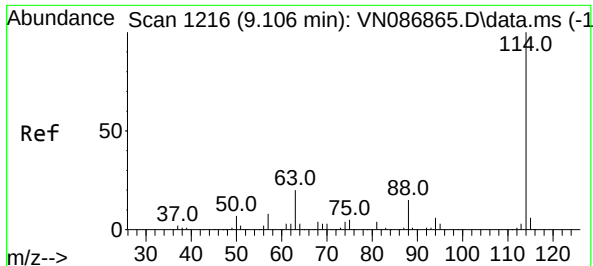
Tgt Ion: 65 Resp: 125973

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# 11

Delta R.T. -0.000 min

Lab File: VN087091.D

Acq: 18 Jun 2025 17:14

Instrument :

MSVOA_N

ClientSampleId :

EB01-20250613

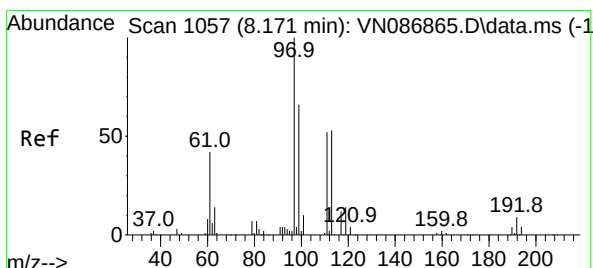
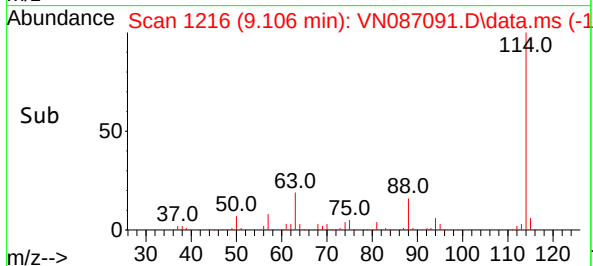
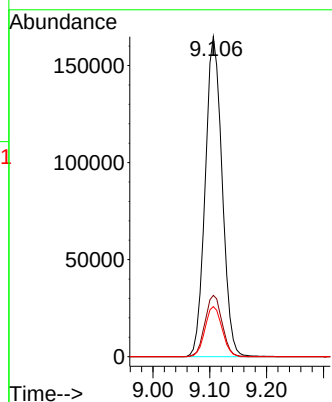
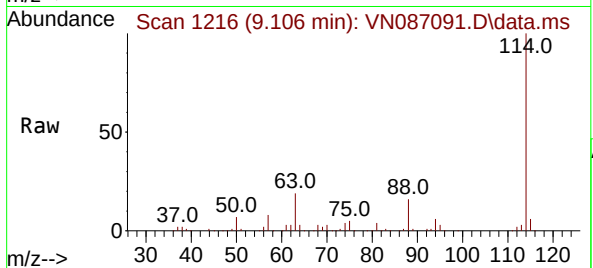
Tgt Ion:114 Resp: 340012

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

88 15.7 0.0 30.2



#35

Dibromofluoromethane

Concen: 52.833 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN087091.D

Acq: 18 Jun 2025 17:14

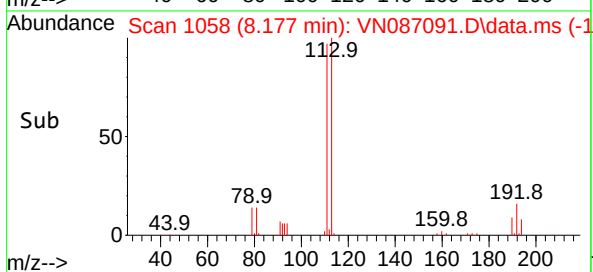
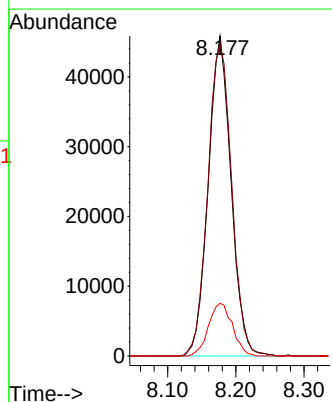
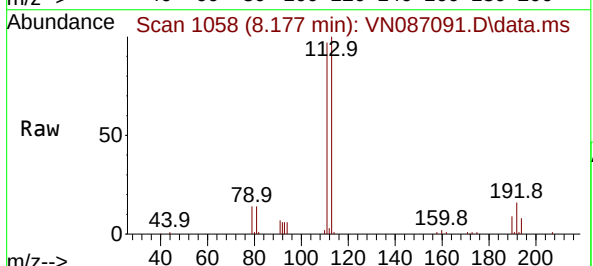
Tgt Ion:113 Resp: 106459

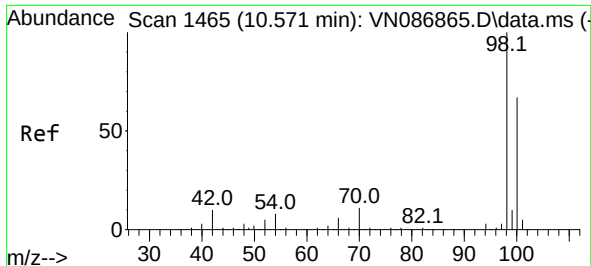
Ion Ratio Lower Upper

113 100

111 102.4 84.2 126.2

192 17.3 14.2 21.4

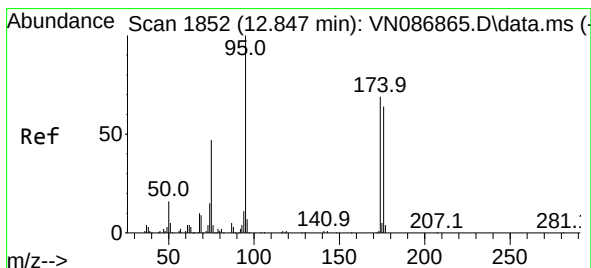
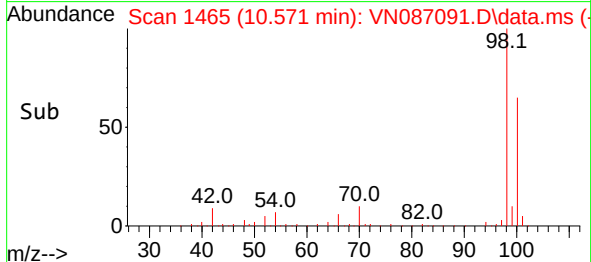
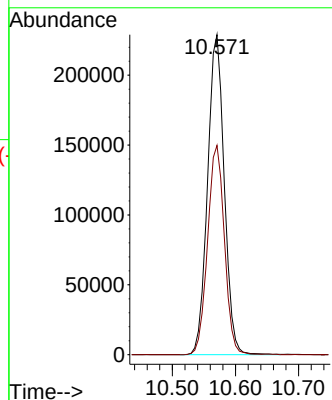
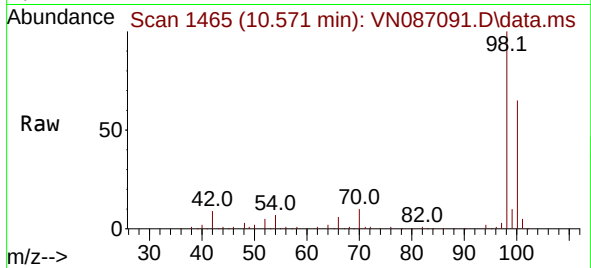




#50
Toluene-d8
Concen: 52.694 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN087091.D
Acq: 18 Jun 2025 17:14

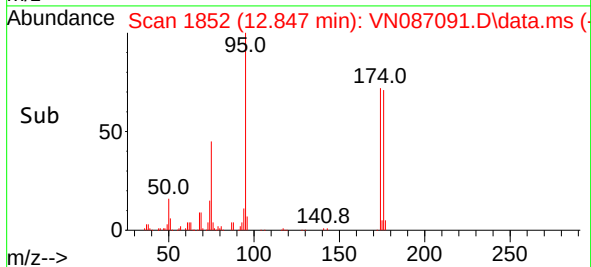
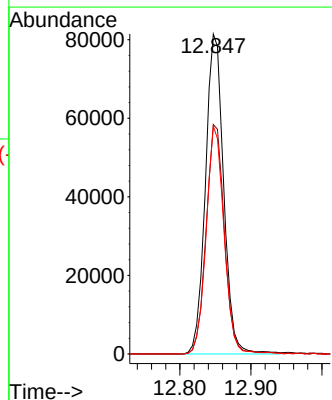
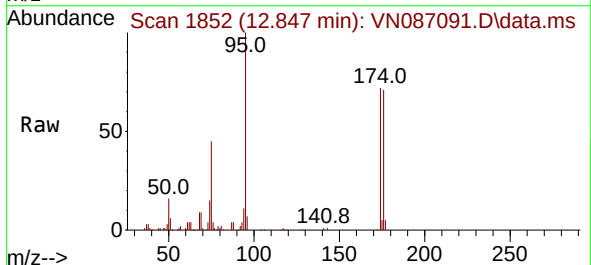
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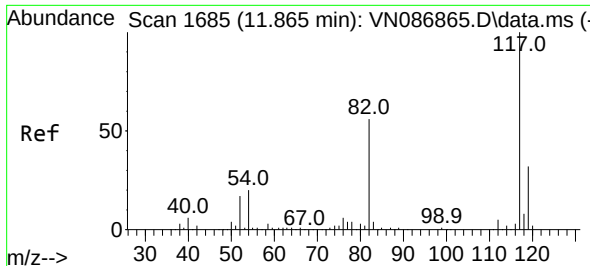
Tgt Ion: 98 Resp: 420334
Ion Ratio Lower Upper
98 100
100 65.9 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 49.022 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087091.D
Acq: 18 Jun 2025 17:14

Tgt Ion: 95 Resp: 145284
Ion Ratio Lower Upper
95 100
174 71.6 0.0 141.8
176 70.0 0.0 132.6

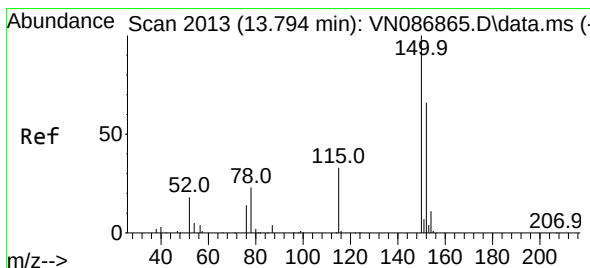
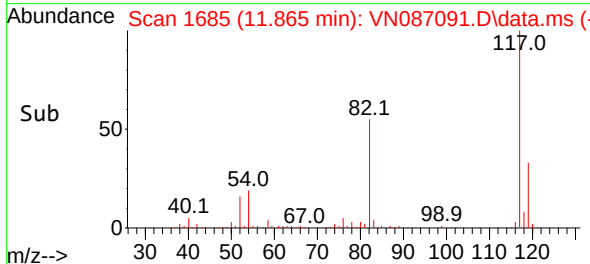
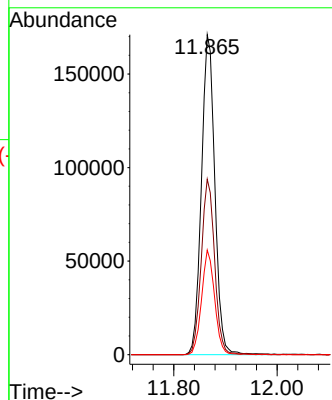
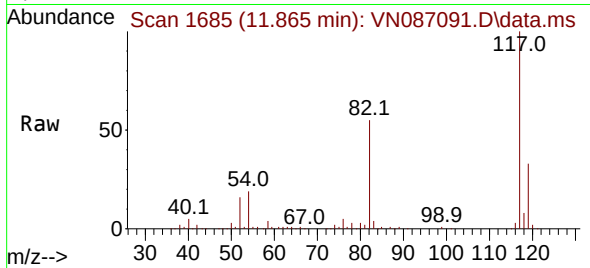




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087091.D
Acq: 18 Jun 2025 17:14

Instrument :
MSVOA_N
ClientSampleId :
EB01-20250613

Tgt Ion:117 Resp: 307785
Ion Ratio Lower Upper
117 100
82 54.8 44.6 67.0
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087091.D
Acq: 18 Jun 2025 17:14

Tgt Ion:152 Resp: 147034
Ion Ratio Lower Upper
152 100
115 58.9 30.1 90.5
150 155.7 0.0 345.0

