

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092324\
 Data File : VN084102.D
 Acq On : 23 Sep 2024 11:53
 Operator : JC\MD
 Sample : P4003-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUPE2-20240911

Quant Time: Sep 24 01:30:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

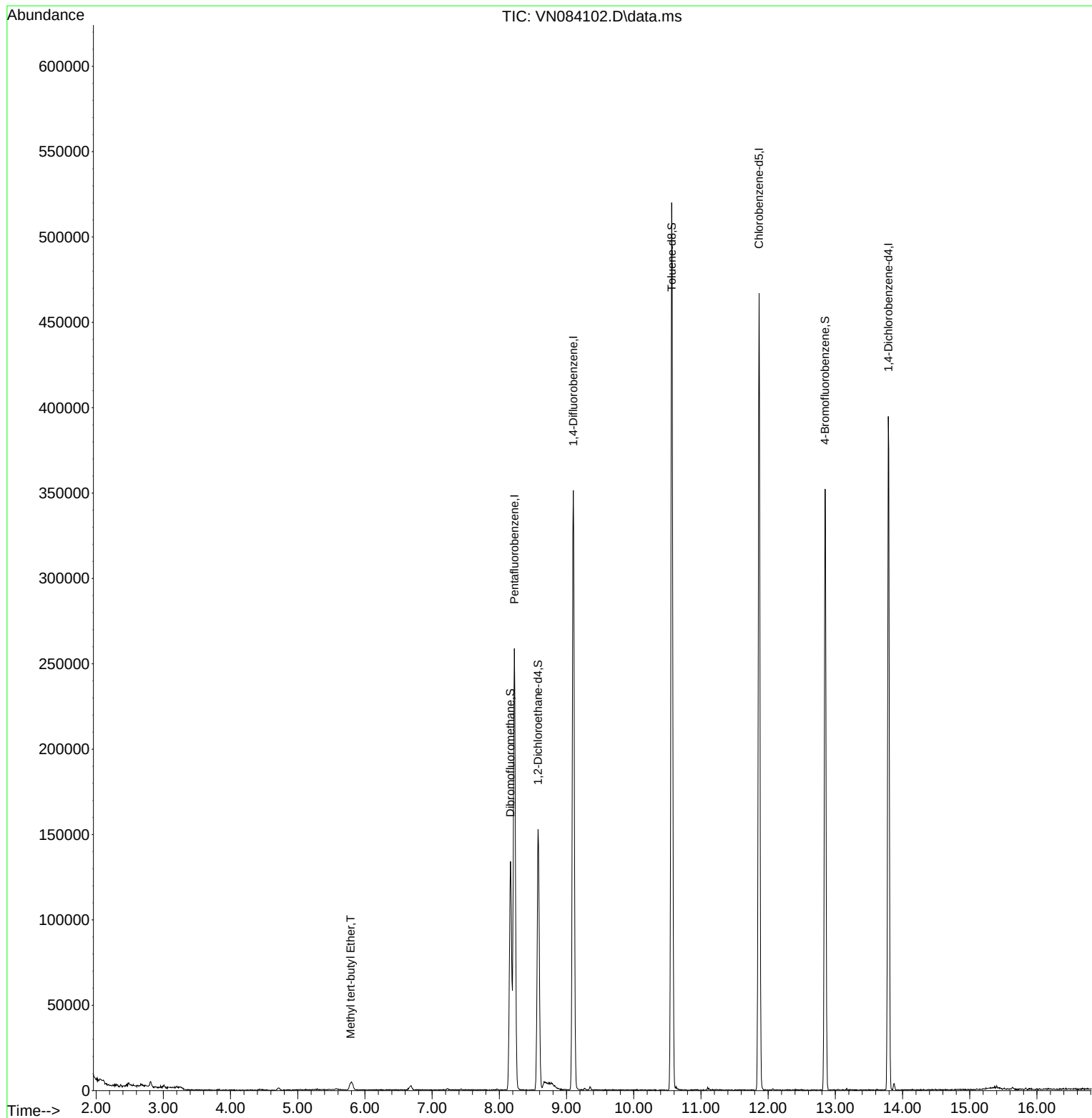
Internal Standards						
1) Pentafluorobenzene	8.224	168	172031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	293687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	100444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	130667	50.373	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.740%	
35) Dibromofluoromethane	8.165	113	94146	50.074	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.140%	
50) Toluene-d8	10.565	98	352713	54.265	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.540%	
62) 4-Bromofluorobenzene	12.847	95	122919	45.837	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 91.680%	
Target Compounds						
19) Methyl tert-butyl Ether	5.789	73	8295	1.232	ug/l	Qvalue 99

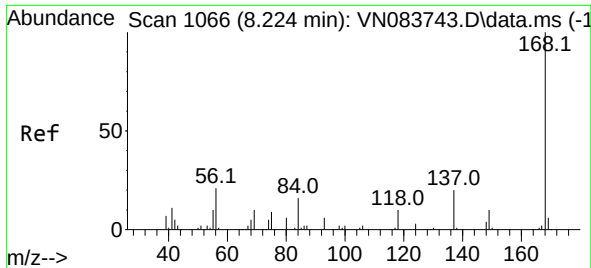
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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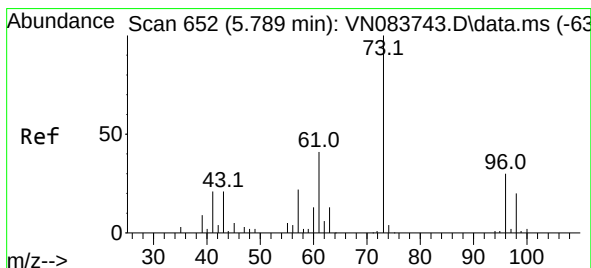
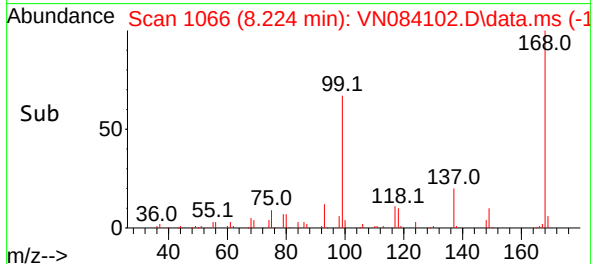
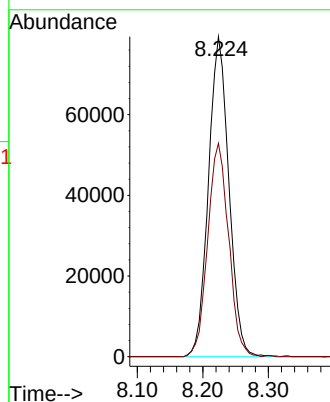
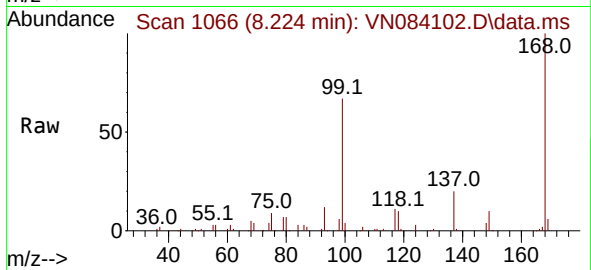




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084102.D
Acq: 23 Sep 2024 11:53

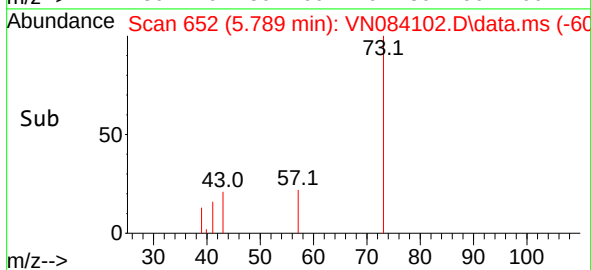
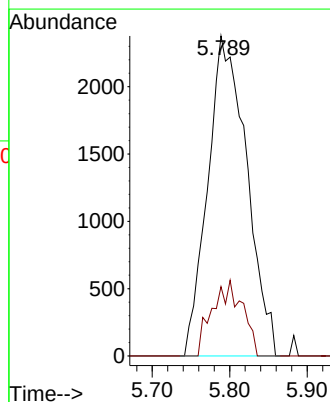
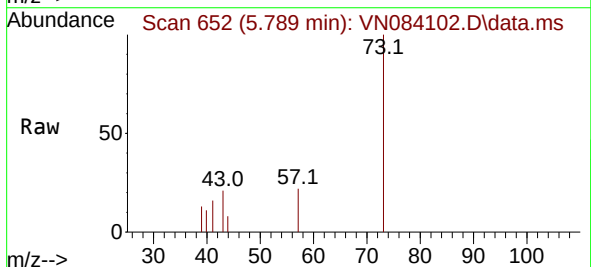
Instrument :
MSVOA_N
ClientSampleId :
DUPE2-20240911

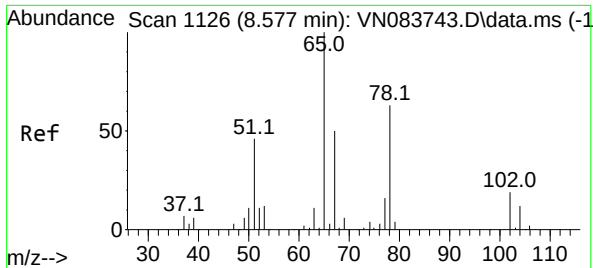
Tgt Ion:168 Resp: 172031
Ion Ratio Lower Upper
168 100
99 66.7 54.2 81.2



#19
Methyl tert-butyl Ether
Concen: 1.232 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN084102.D
Acq: 23 Sep 2024 11:53

Tgt Ion: 73 Resp: 8295
Ion Ratio Lower Upper
73 100
57 21.7 17.0 25.6





#33

1,2-Dichloroethane-d4

Concen: 50.373 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084102.D

Acq: 23 Sep 2024 11:53

Instrument :

MSVOA_N

ClientSampleId :

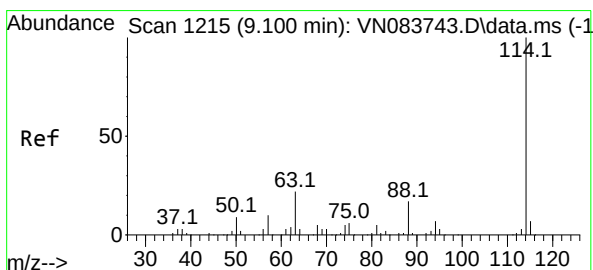
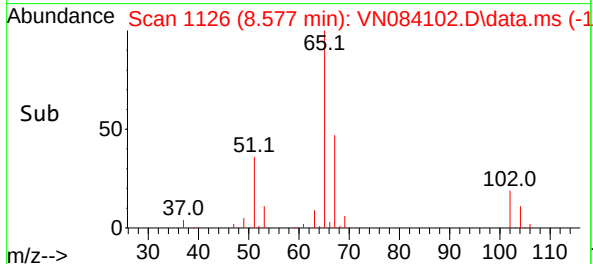
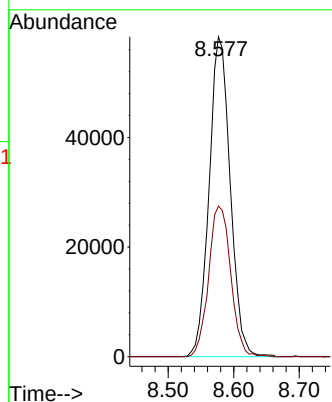
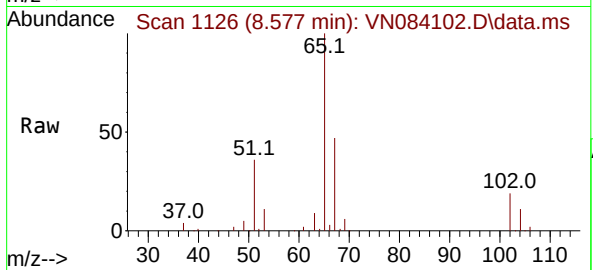
DUPE2-20240911

Tgt Ion: 65 Resp: 130667

Ion Ratio Lower Upper

65 100

67 49.3 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN084102.D

Acq: 23 Sep 2024 11:53

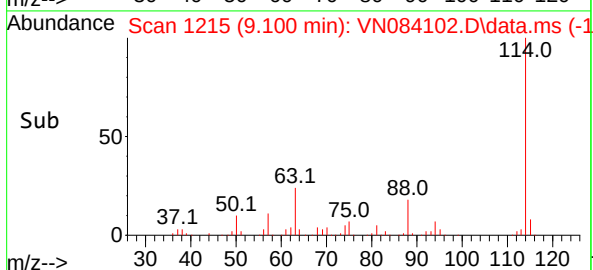
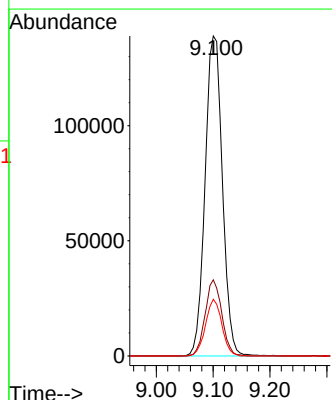
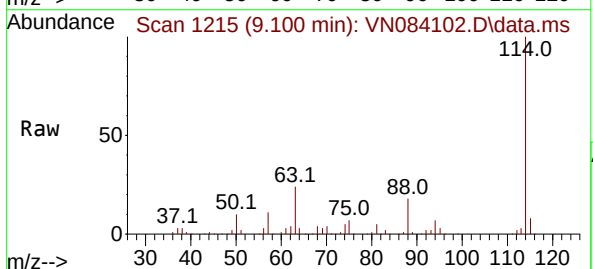
Tgt Ion: 114 Resp: 293687

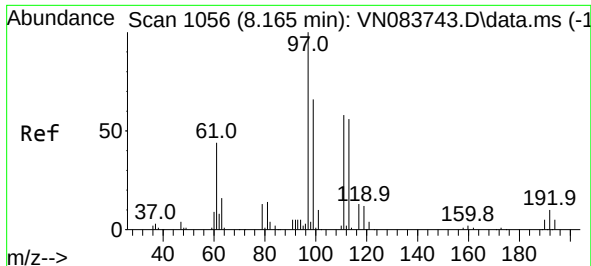
Ion Ratio Lower Upper

114 100

63 23.8 0.0 43.4

88 17.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.074 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084102.D

Acq: 23 Sep 2024 11:53

Instrument :

MSVOA_N

ClientSampleId :

DUPE2-20240911

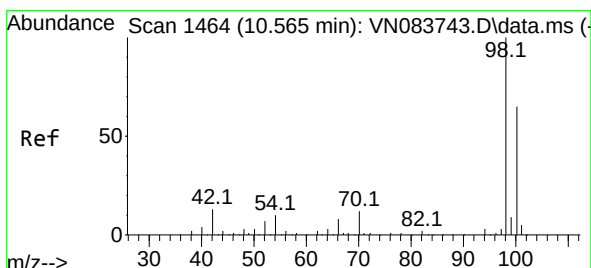
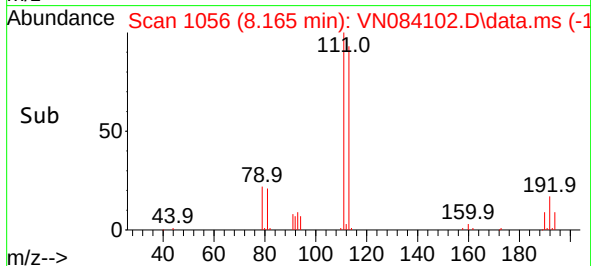
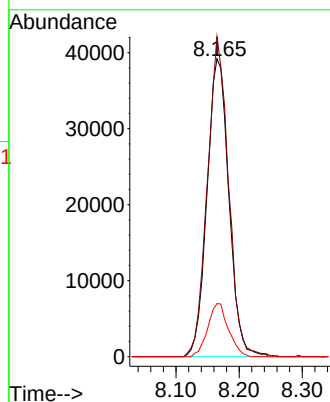
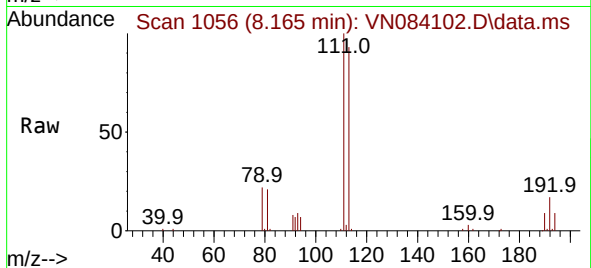
Tgt Ion:113 Resp: 94146

Ion Ratio Lower Upper

113 100

111 104.1 82.6 124.0

192 16.9 14.3 21.5



#50

Toluene-d8

Concen: 54.265 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084102.D

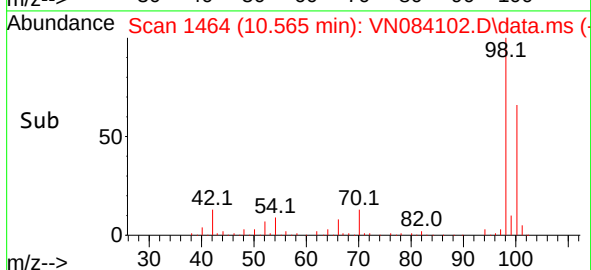
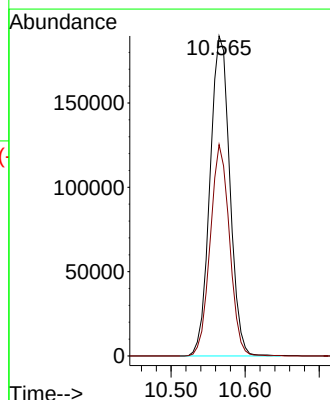
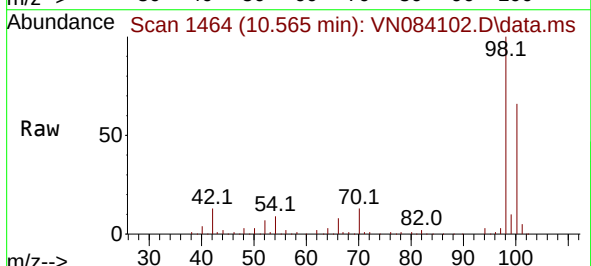
Acq: 23 Sep 2024 11:53

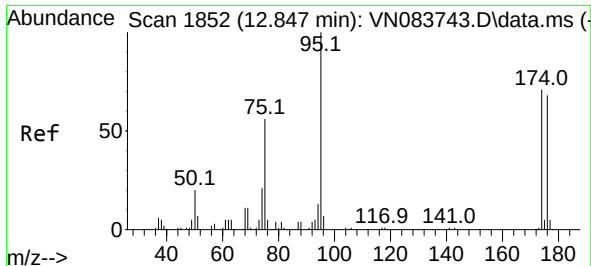
Tgt Ion: 98 Resp: 352713

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0

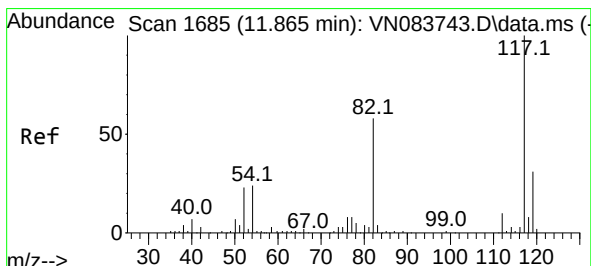
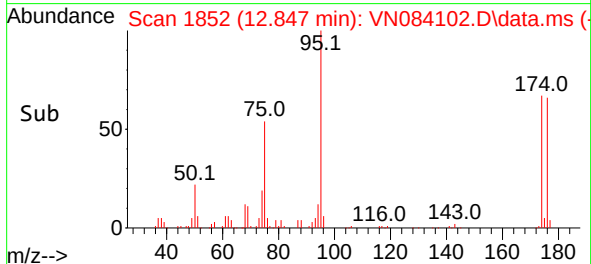
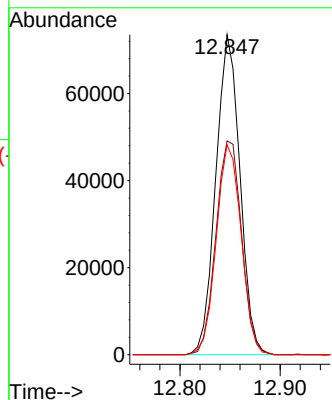
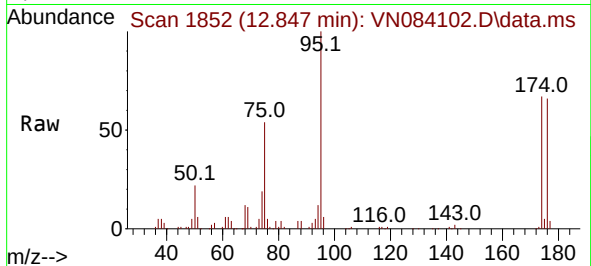




#62
4-Bromofluorobenzene
Concen: 45.837 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084102.D
Acq: 23 Sep 2024 11:53

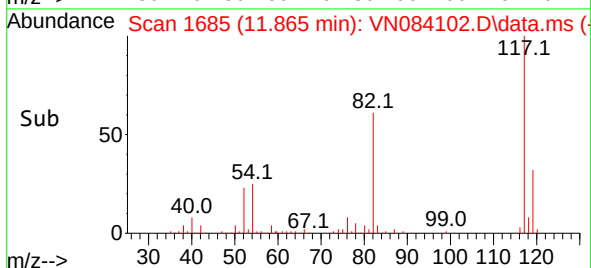
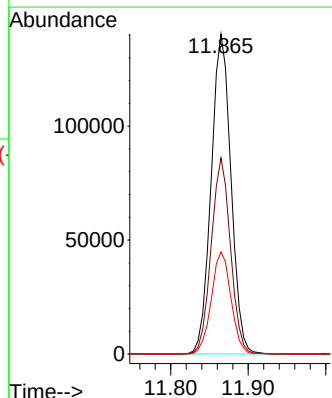
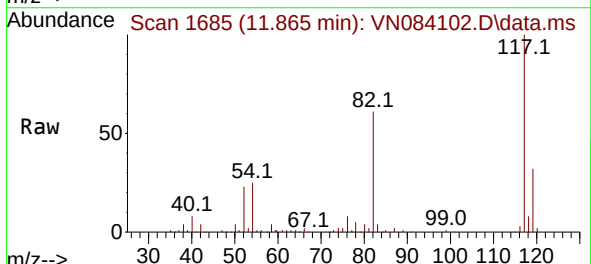
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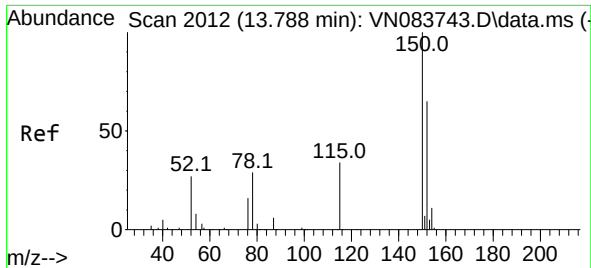
Tgt Ion: 95 Resp: 122919
Ion Ratio Lower Upper
95 100
174 70.9 0.0 139.8
176 67.8 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084102.D
Acq: 23 Sep 2024 11:53

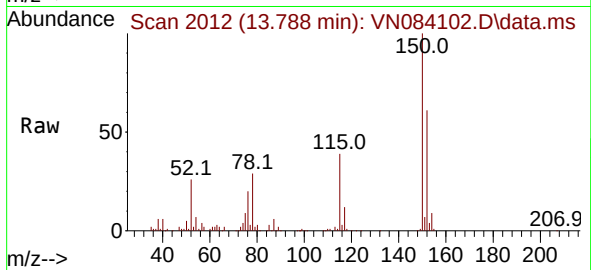
Tgt Ion: 117 Resp: 249092
Ion Ratio Lower Upper
117 100
82 61.3 47.4 71.0
119 31.9 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN084102.D
 Acq: 23 Sep 2024 11:53

Instrument :
 MSVOA_N
 ClientSampleId :
 DUPE2-20240911



Tgt Ion:152 Resp: 100444
 Ion Ratio Lower Upper
 152 100
 115 62.1 32.2 96.6
 150 159.2 0.0 348.6

