

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091124\
 Data File : VN083796.D
 Acq On : 11 Sep 2024 15:09
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Sep 12 02:08:09 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	8.218	168	117794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	247854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	271530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132434	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	96860	54.533	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.060%
35) Dibromofluoromethane	8.165	113	77378	48.766	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.540%
50) Toluene-d8	10.565	98	279414	50.938	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.880%
62) 4-Bromofluorobenzene	12.847	95	127644	56.401	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	112.800%

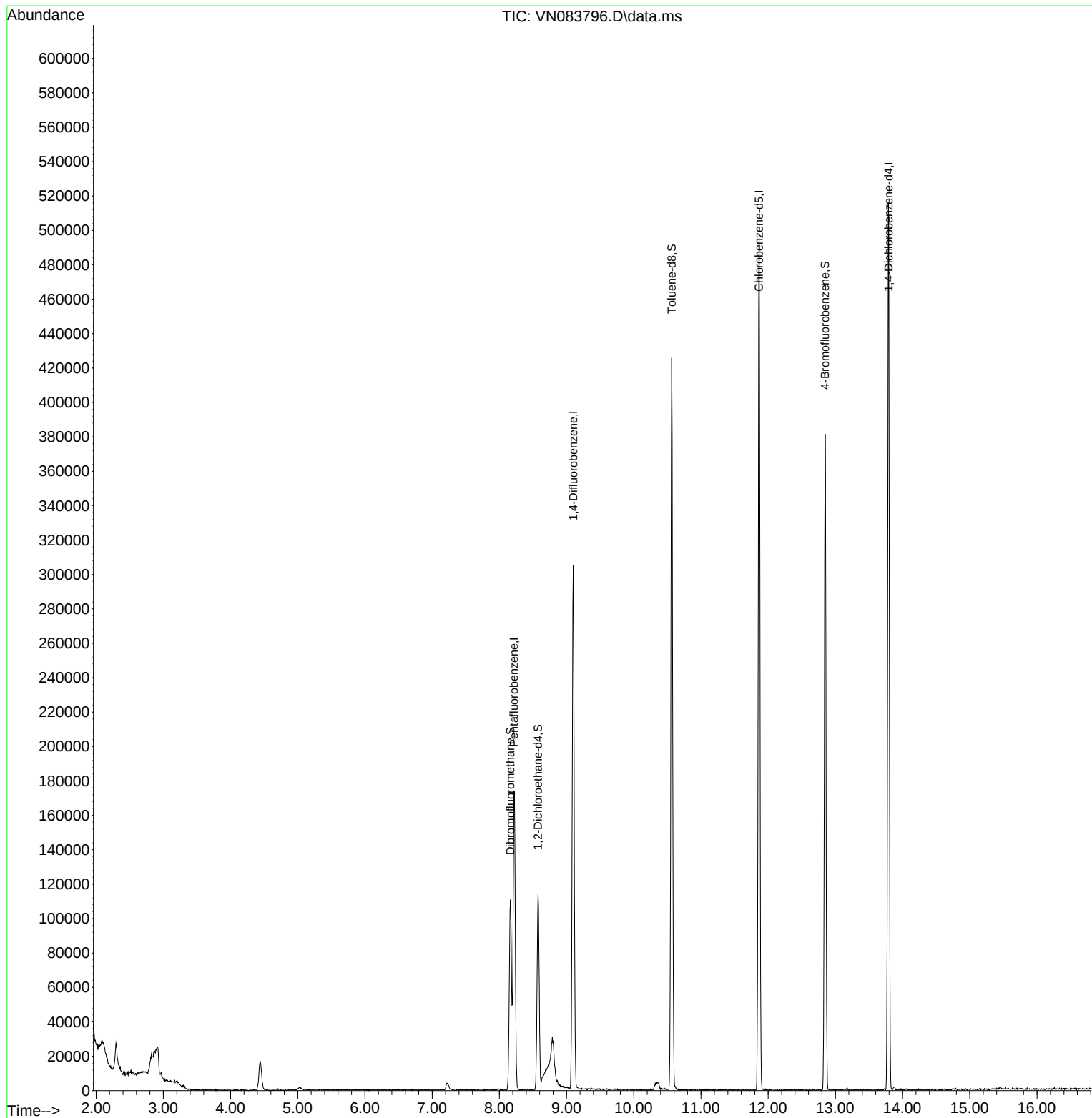
Target Compounds	Qvalue

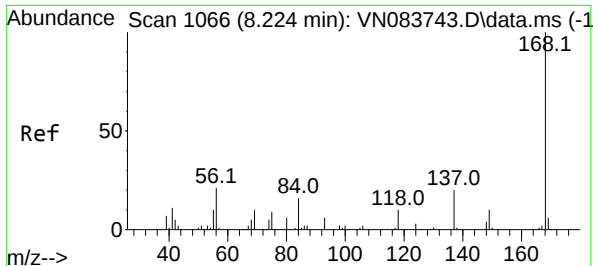
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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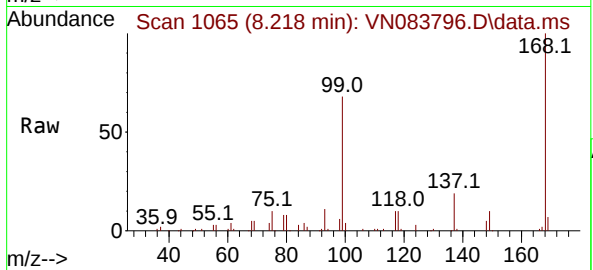
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



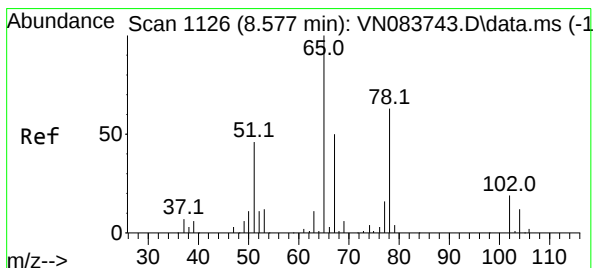
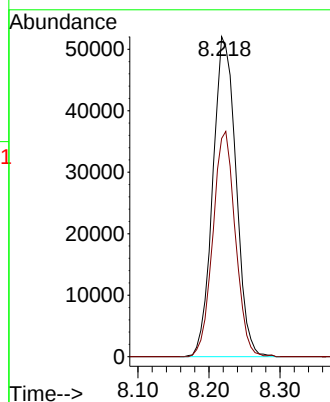
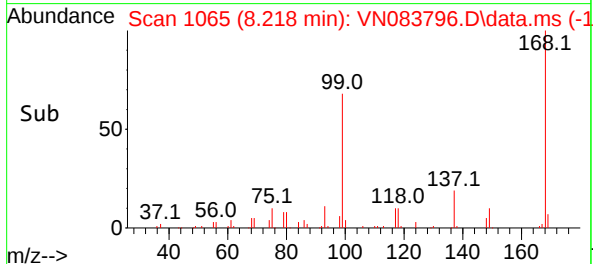


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083796.D
Acq: 11 Sep 2024 15:09

Instrument :
MSVOA_N
ClientSampleId :
IBLK

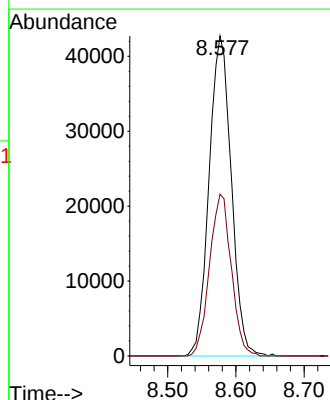
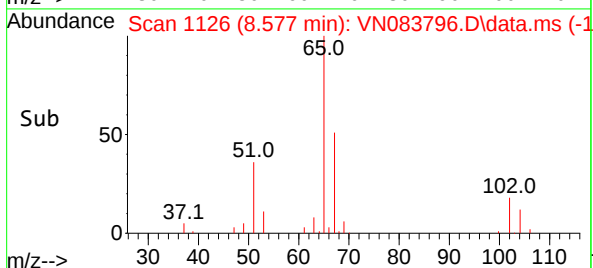
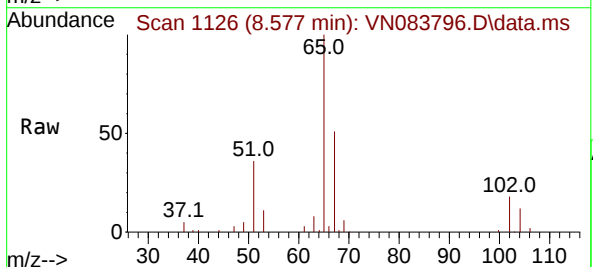


Tgt Ion:168 Resp: 117794
Ion Ratio Lower Upper
168 100
99 68.2 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 54.533 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083796.D
Acq: 11 Sep 2024 15:09

Tgt Ion: 65 Resp: 96860
Ion Ratio Lower Upper
65 100
67 49.5 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083796.D

Acq: 11 Sep 2024 15:09

Instrument :

MSVOA_N

ClientSampleId :

IBLK

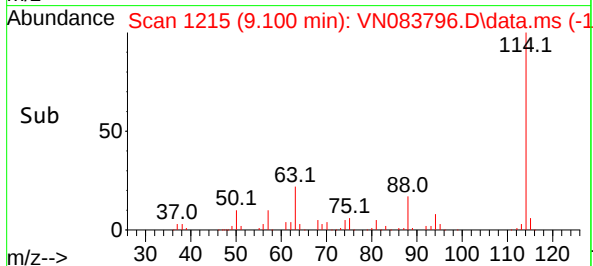
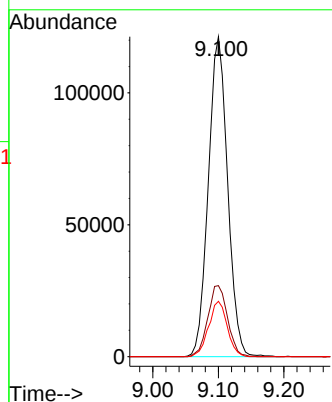
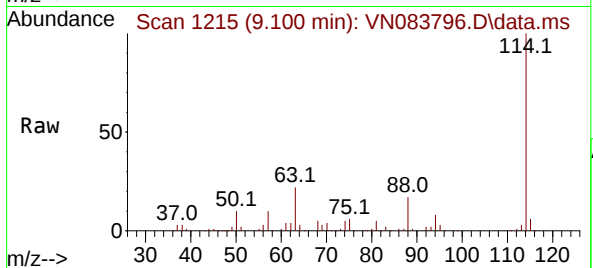
Tgt Ion:114 Resp: 247854

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.4

88 17.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.766 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083796.D

Acq: 11 Sep 2024 15:09

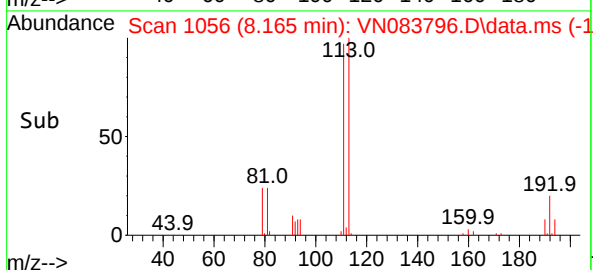
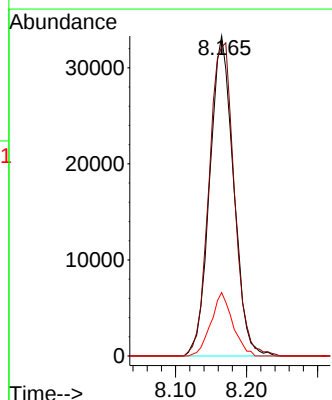
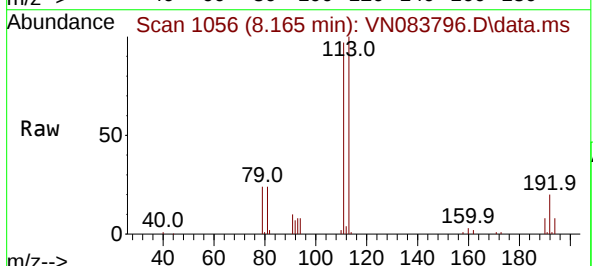
Tgt Ion:113 Resp: 77378

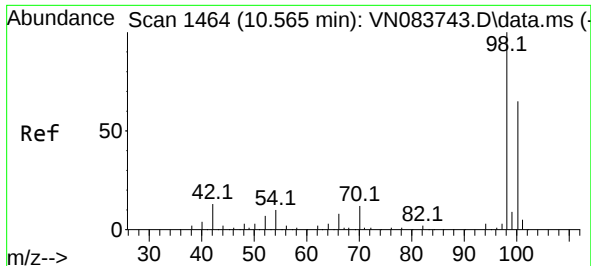
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 18.1 14.3 21.5

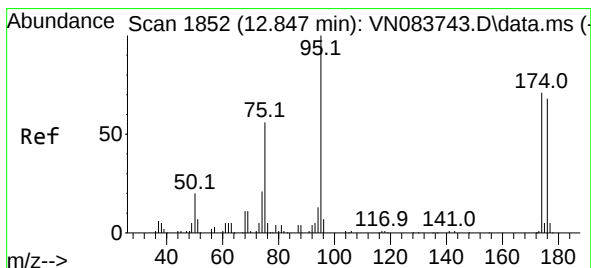
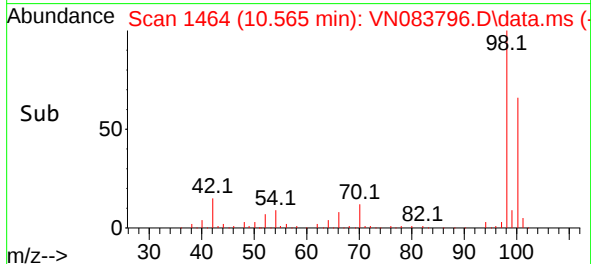
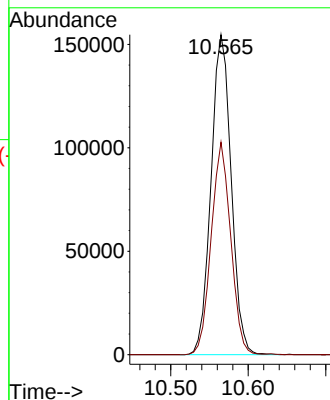
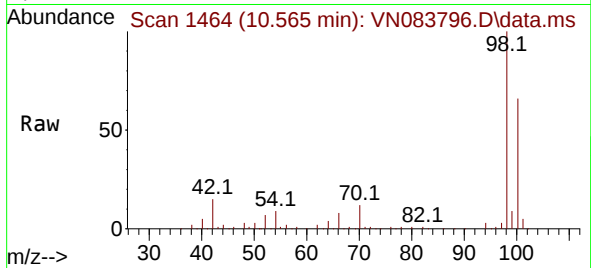




#50
Toluene-d8
Concen: 50.938 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083796.D
Acq: 11 Sep 2024 15:09

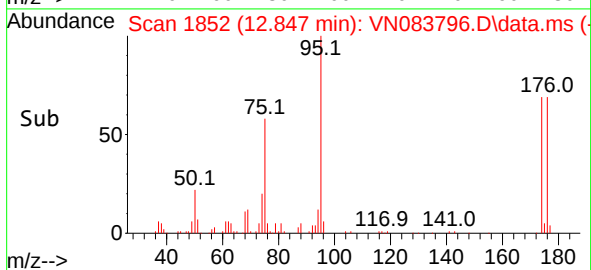
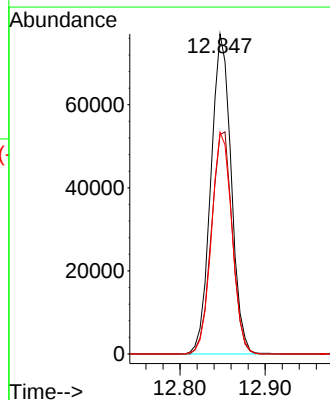
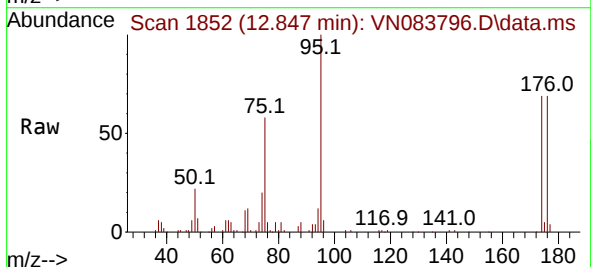
Instrument :
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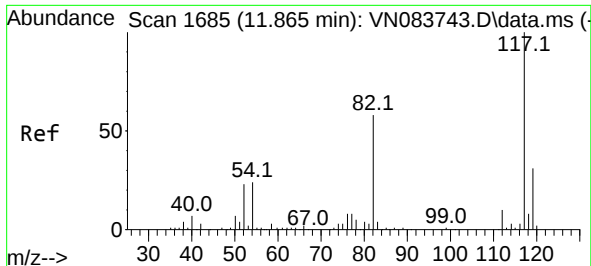
Tgt Ion: 98 Resp: 279414
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 56.401 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083796.D
Acq: 11 Sep 2024 15:09

Tgt Ion: 95 Resp: 127644
Ion Ratio Lower Upper
95 100
174 71.0 0.0 139.8
176 69.9 0.0 131.4

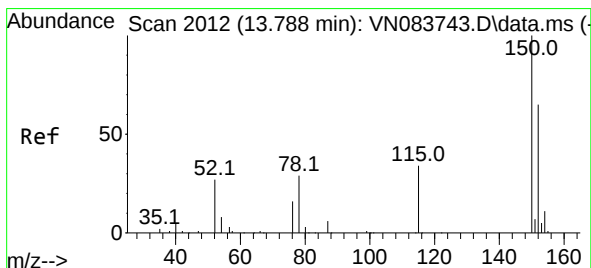
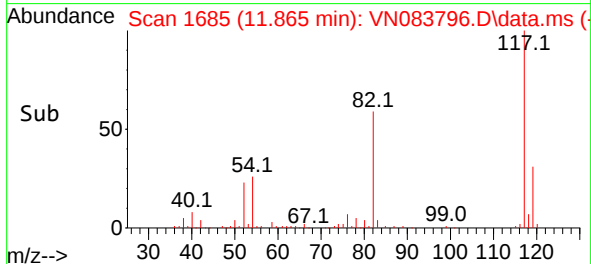
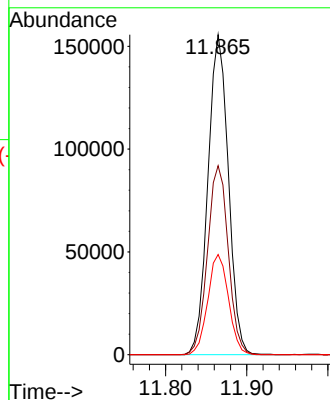
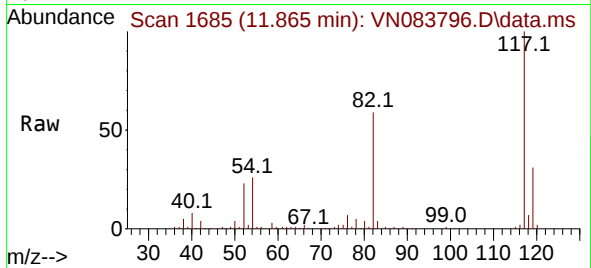




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN083796.D
Acq: 11 Sep 2024 15:09

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 271530
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.0
119 31.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083796.D
Acq: 11 Sep 2024 15:09

Tgt Ion:152 Resp: 132434
Ion Ratio Lower Upper
152 100
115 63.6 32.2 96.6
150 154.8 0.0 348.6

