

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083846.D
 Acq On : 13 Sep 2024 01:49
 Operator : JC\MD
 Sample : VN0912WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBL02

Quant Time: Sep 13 03:35:38 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	110731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	232293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	251239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120487	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	90880	54.430	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.860%
35) Dibromofluoromethane	8.165	113	73276	49.274	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.540%
50) Toluene-d8	10.565	98	263259	51.208	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.420%
62) 4-Bromofluorobenzene	12.847	95	120166	56.654	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	113.300%

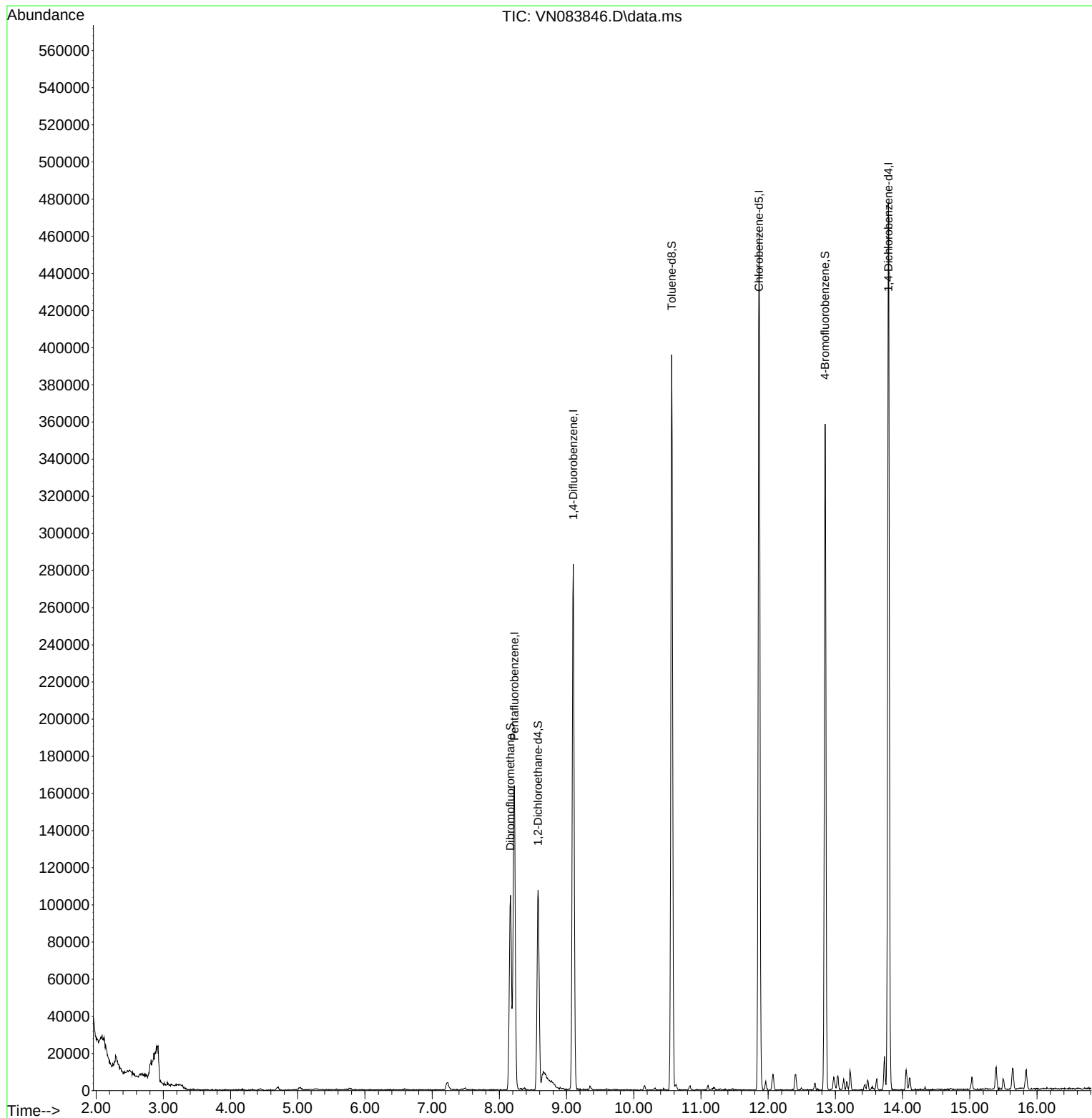
Target Compounds	Qvalue

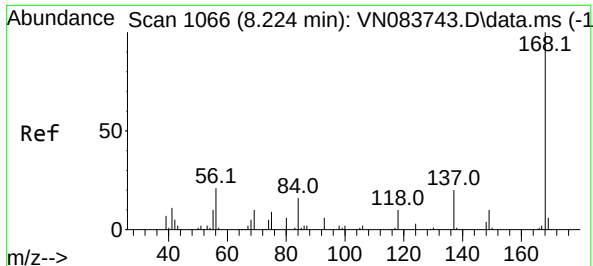
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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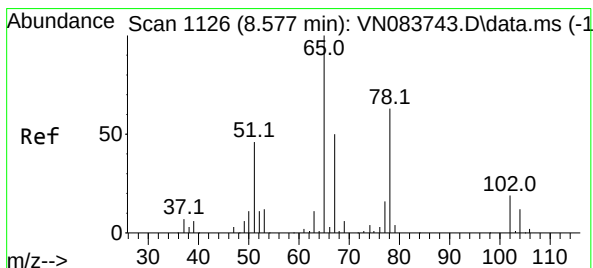
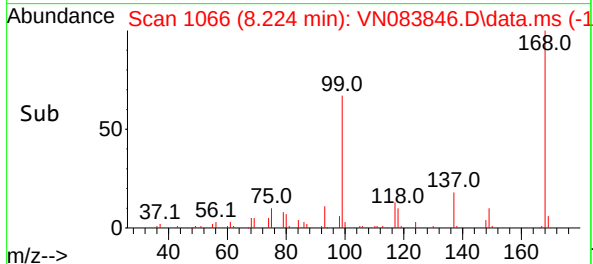
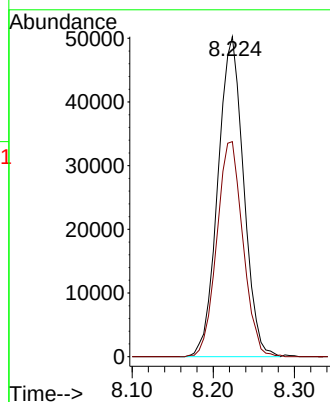
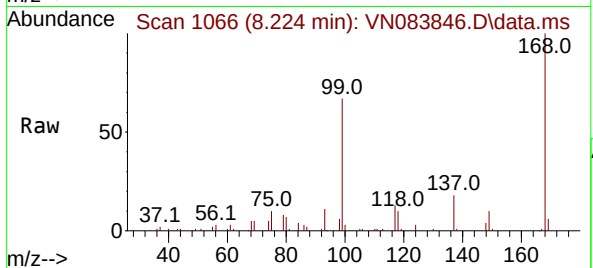




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083846.D
Acq: 13 Sep 2024 01:49

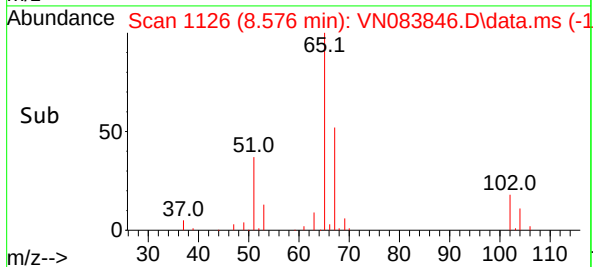
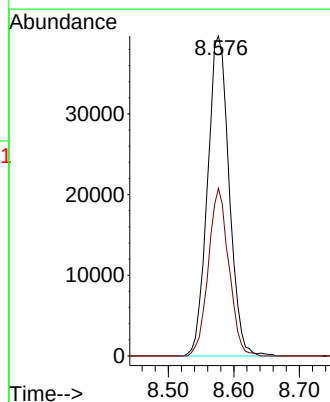
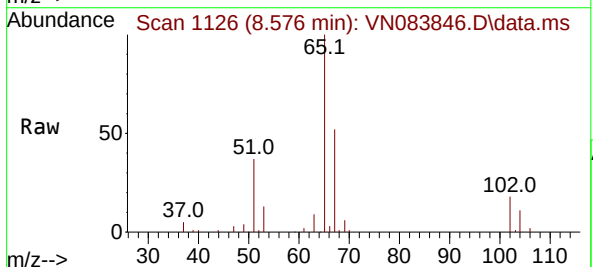
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBL02

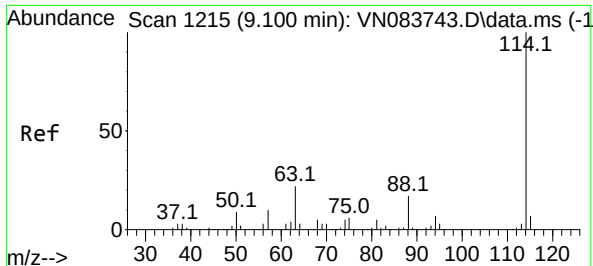
Tgt Ion:168 Resp: 110731
Ion Ratio Lower Upper
168 100
99 67.2 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 54.430 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083846.D
Acq: 13 Sep 2024 01:49

Tgt Ion: 65 Resp: 90880
Ion Ratio Lower Upper
65 100
67 49.6 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: VN083846.D

Acq: 13 Sep 2024 01:49

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBL02

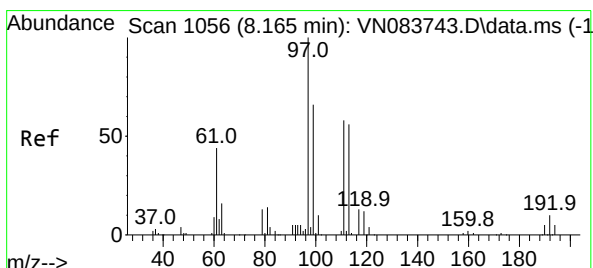
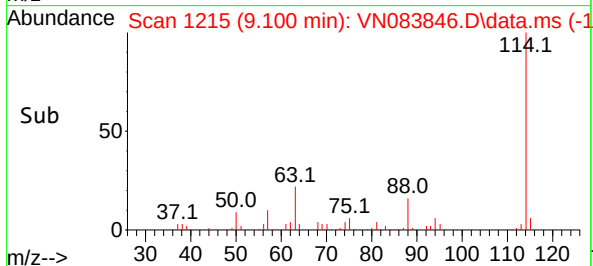
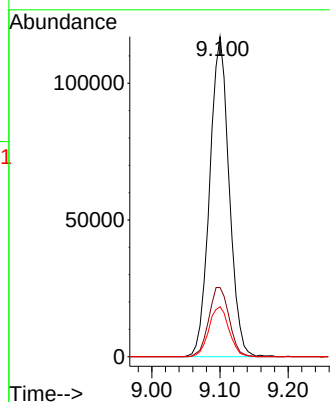
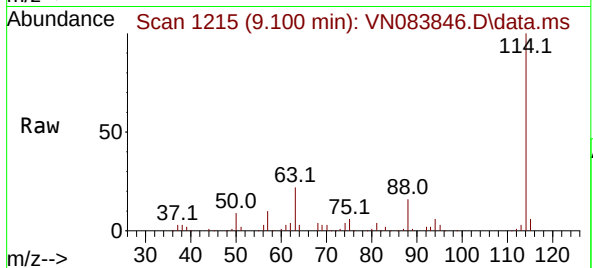
Tgt Ion:114 Resp: 232293

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.4

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.274 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083846.D

Acq: 13 Sep 2024 01:49

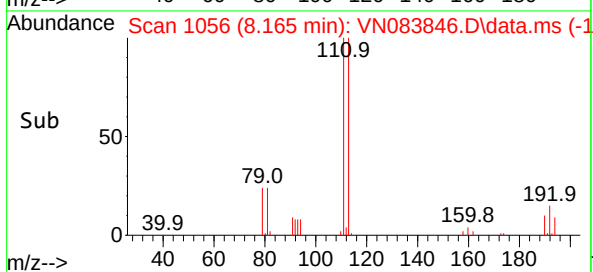
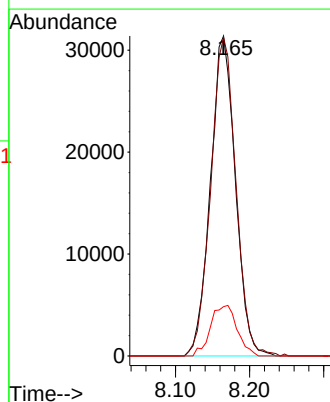
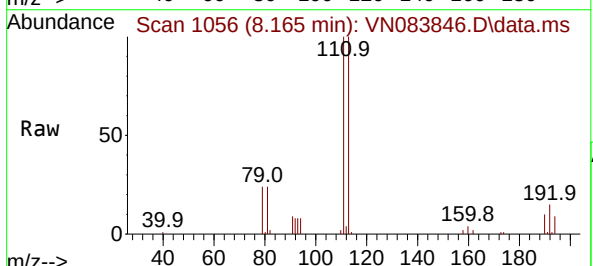
Tgt Ion:113 Resp: 73276

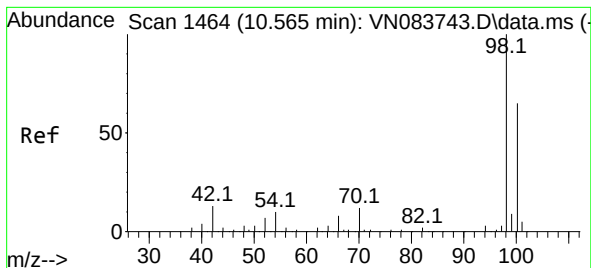
Ion Ratio Lower Upper

113 100

111 100.6 82.6 124.0

192 16.9 14.3 21.5

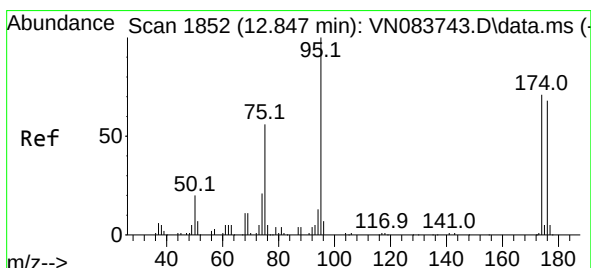
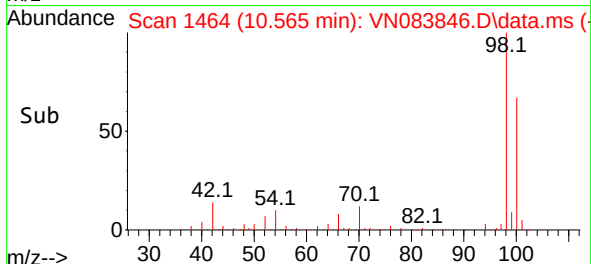
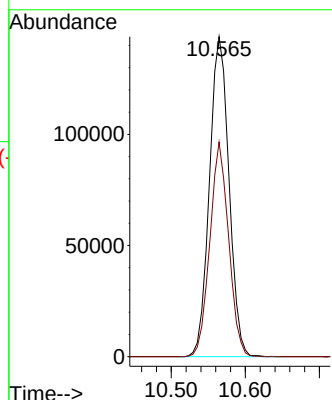
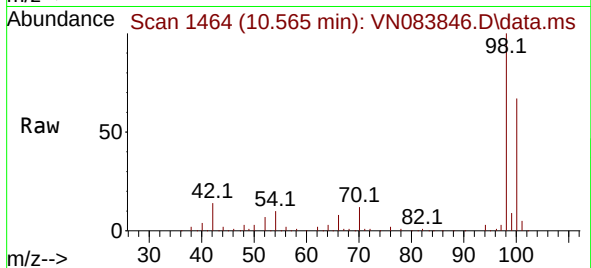




#50
Toluene-d8
Concen: 51.208 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083846.D
Acq: 13 Sep 2024 01:49

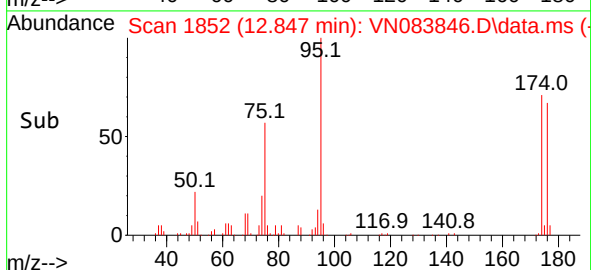
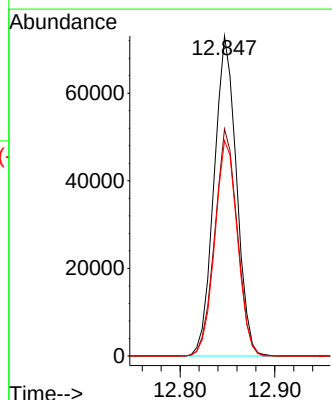
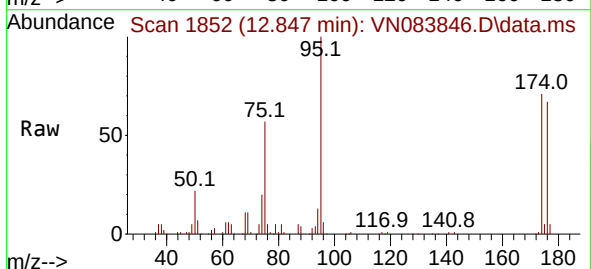
Instrument :
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ClientSampleId :
VN0912WBL02

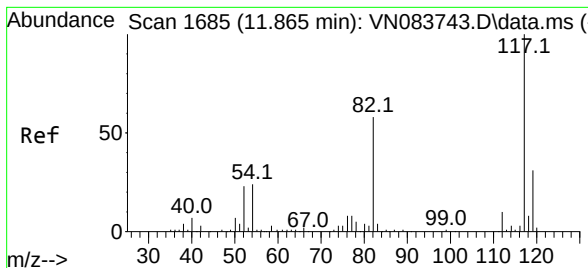
Tgt Ion: 98 Resp: 263259
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 56.654 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083846.D
Acq: 13 Sep 2024 01:49

Tgt Ion: 95 Resp: 120166
Ion Ratio Lower Upper
95 100
174 71.1 0.0 139.8
176 68.0 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083846.D

Acq: 13 Sep 2024 01:49

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBL02

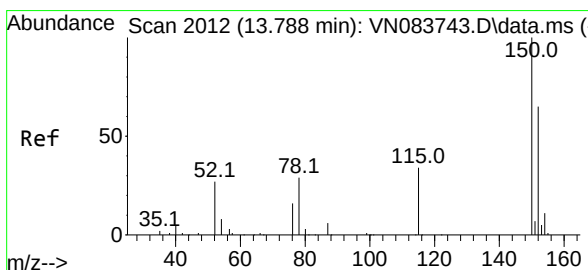
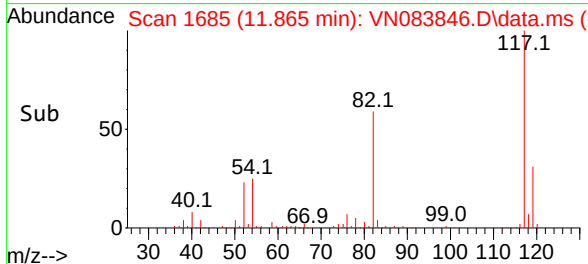
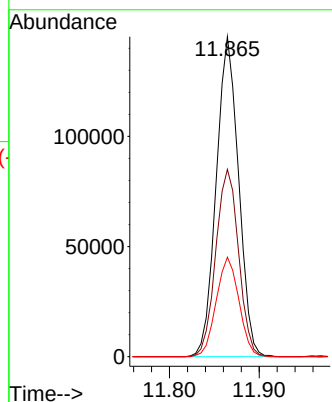
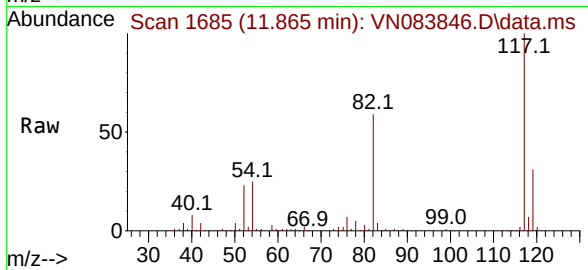
Tgt Ion:117 Resp: 251239

Ion Ratio Lower Upper

117 100

82 58.5 47.4 71.0

119 31.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN083846.D

Acq: 13 Sep 2024 01:49

Tgt Ion:152 Resp: 120487

Ion Ratio Lower Upper

152 100

115 63.7 32.2 96.6

150 158.7 0.0 348.6

