

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092524\
 Data File : VN084150.D
 Acq On : 25 Sep 2024 10:47
 Operator : JC\MD
 Sample : VN0925MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925MBL01

Quant Time: Sep 26 01:31:12 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	158728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	274097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	231707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	93531	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	120707	50.433	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.860%
35) Dibromofluoromethane	8.165	113	90725	51.703	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.400%
50) Toluene-d8	10.565	98	329902	54.384	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.760%
62) 4-Bromofluorobenzene	12.847	95	113423	45.319	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.640%

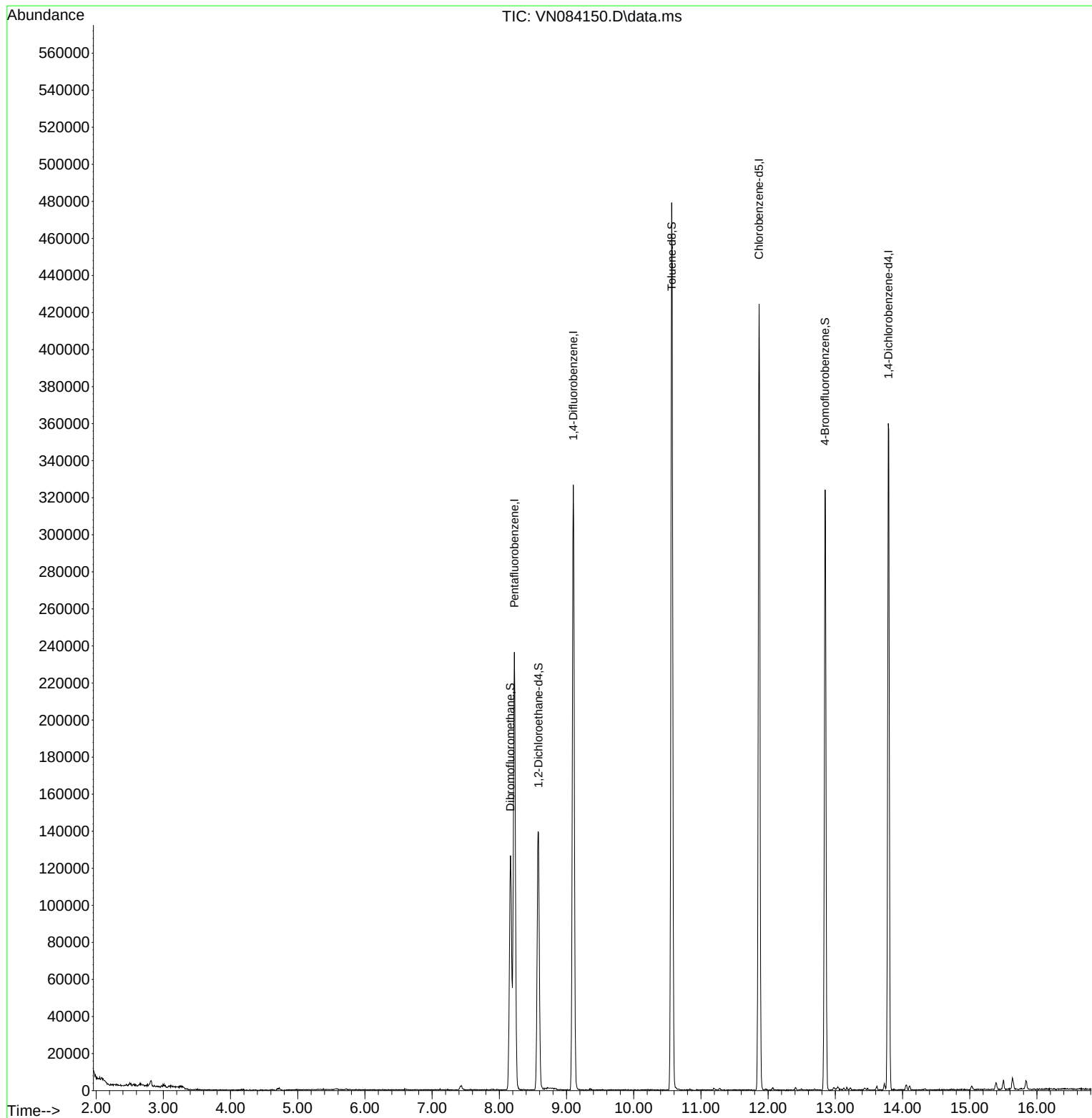
Target Compounds	Qvalue

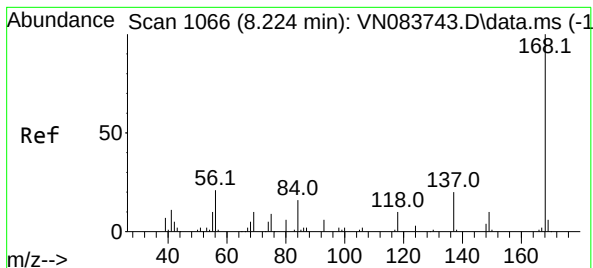
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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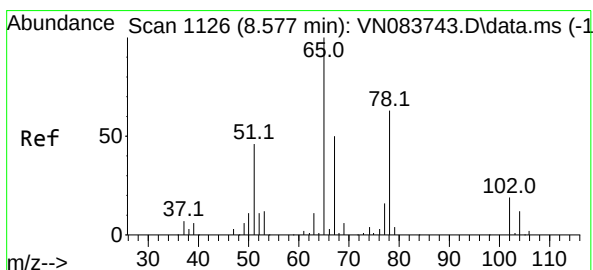
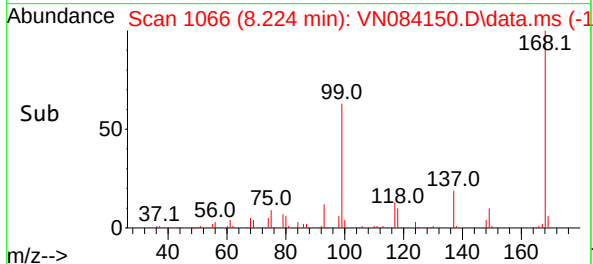
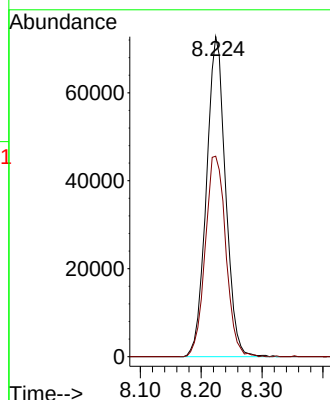
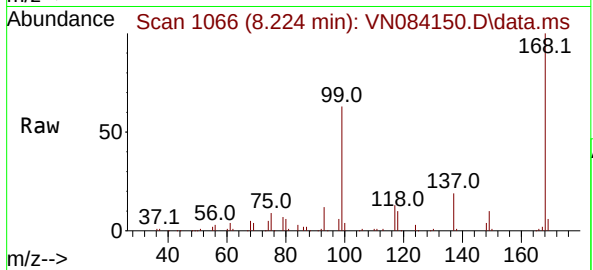




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084150.D
Acq: 25 Sep 2024 10:47

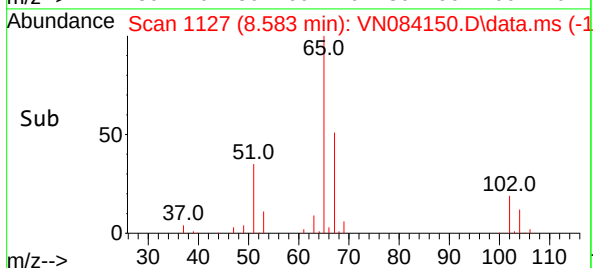
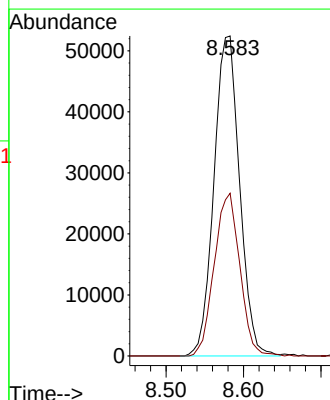
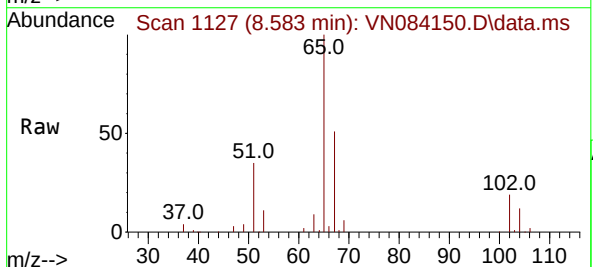
Instrument :
MSVOA_N
ClientSampleId :
VN0925MBL01

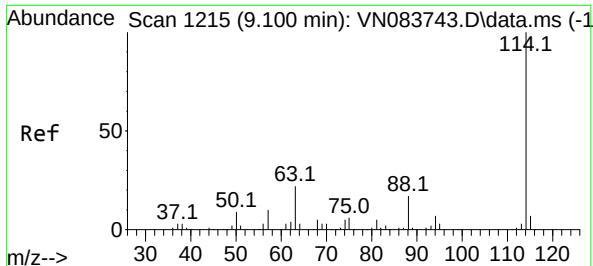
Tgt Ion:168 Resp: 158728
Ion Ratio Lower Upper
168 100
99 62.7 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 50.433 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN084150.D
Acq: 25 Sep 2024 10:47

Tgt Ion: 65 Resp: 120707
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084150.D

Acq: 25 Sep 2024 10:47

Instrument :

MSVOA_N

ClientSampleId :

VN0925MBL01

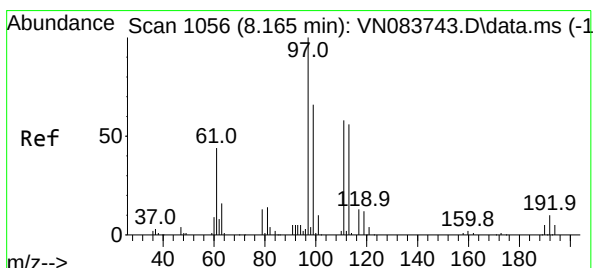
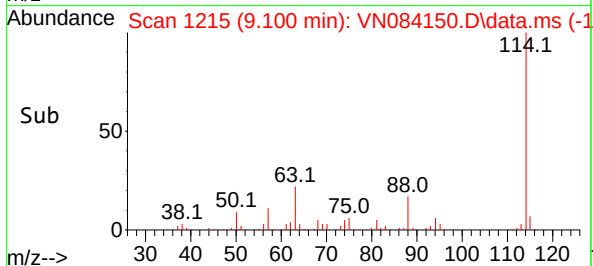
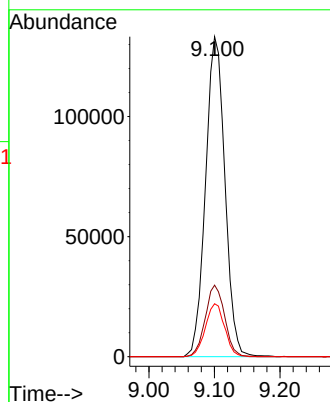
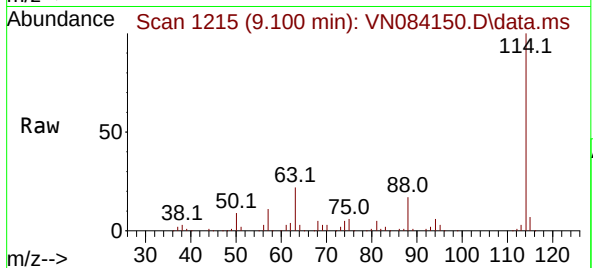
Tgt Ion:114 Resp: 274097

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.4

88 16.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.703 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084150.D

Acq: 25 Sep 2024 10:47

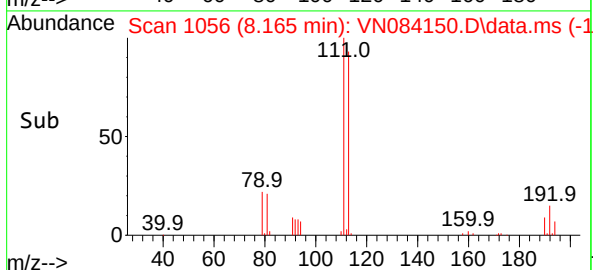
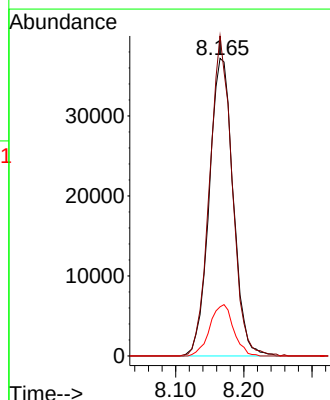
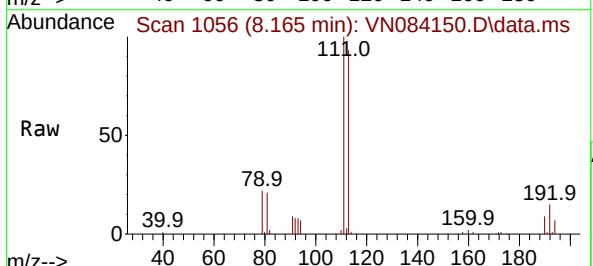
Tgt Ion:113 Resp: 90725

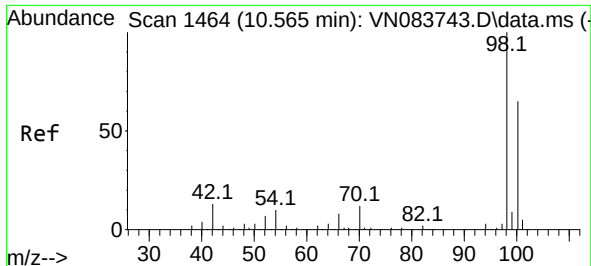
Ion Ratio Lower Upper

113 100

111 101.5 82.6 124.0

192 17.1 14.3 21.5

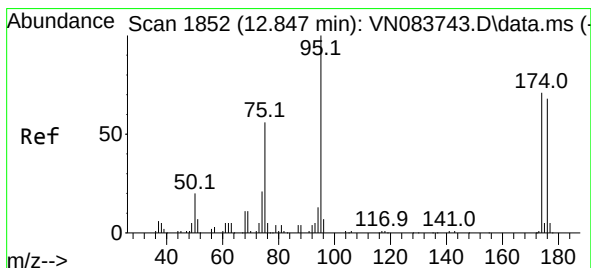
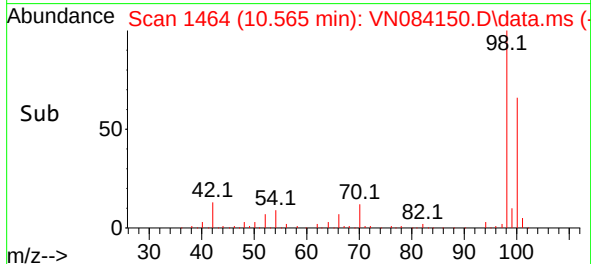
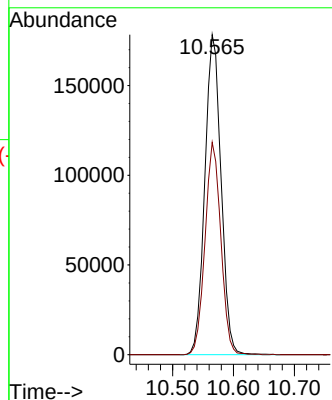
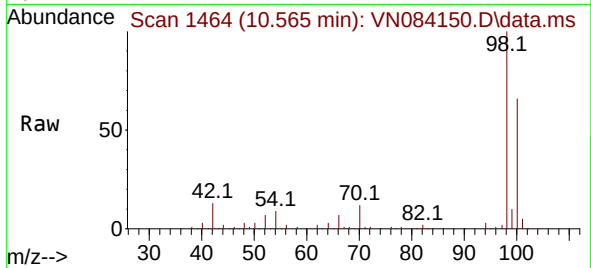




#50
Toluene-d8
Concen: 54.384 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084150.D
Acq: 25 Sep 2024 10:47

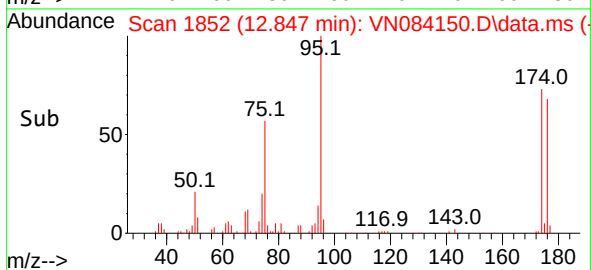
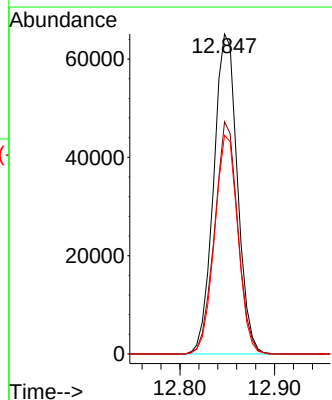
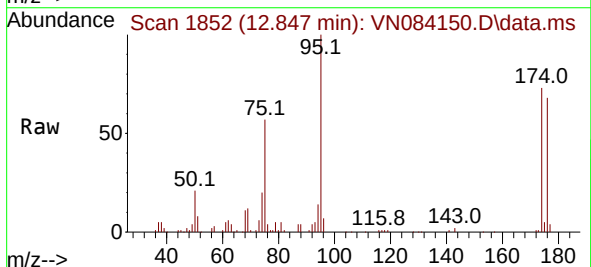
Instrument :
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VN0925MBL01

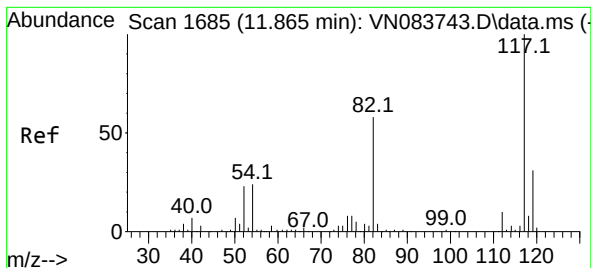
Tgt Ion: 98 Resp: 329902
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.319 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084150.D
Acq: 25 Sep 2024 10:47

Tgt Ion: 95 Resp: 113423
Ion Ratio Lower Upper
95 100
174 71.0 0.0 139.8
176 67.1 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: VN084150.D

Acq: 25 Sep 2024 10:47

Instrument :

MSVOA_N

ClientSampleId :

VN0925MBL01

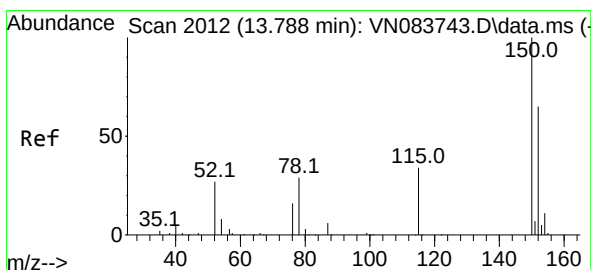
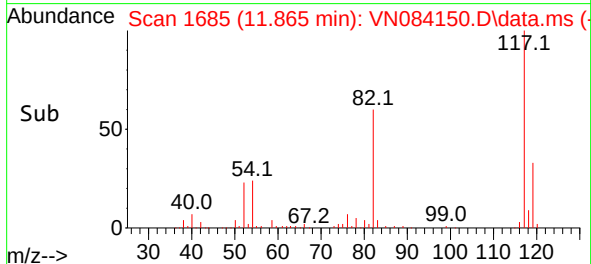
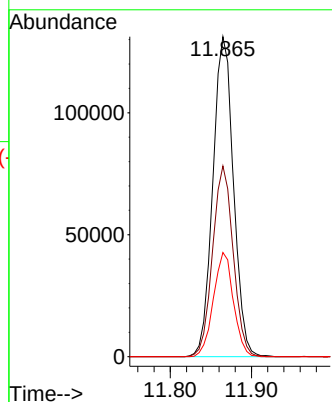
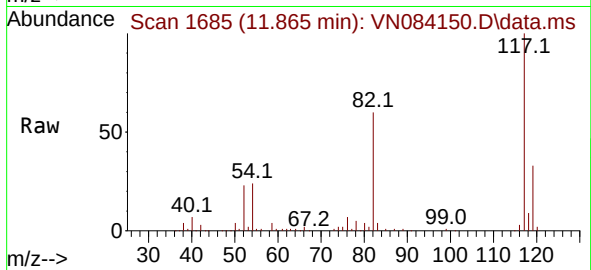
Tgt Ion:117 Resp: 231707

Ion Ratio Lower Upper

117 100

82 59.6 47.4 71.0

119 32.6 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: VN084150.D

Acq: 25 Sep 2024 10:47

Tgt Ion:152 Resp: 93531

Ion Ratio Lower Upper

152 100

115 64.6 32.2 96.6

150 157.9 0.0 348.6

