

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082724\
 Data File : VN083498.D
 Acq On : 27 Aug 2024 10:04
 Operator : JC\MD
 Sample : VN0827WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0827WBL01

Quant Time: Aug 28 07:33:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	141137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	284718	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	301175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142541	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111873	55.688	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.380%
35) Dibromofluoromethane	8.171	113	89829	50.547	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.100%
50) Toluene-d8	10.565	98	320049	48.279	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.560%
62) 4-Bromofluorobenzene	12.847	95	140082	54.202	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.400%

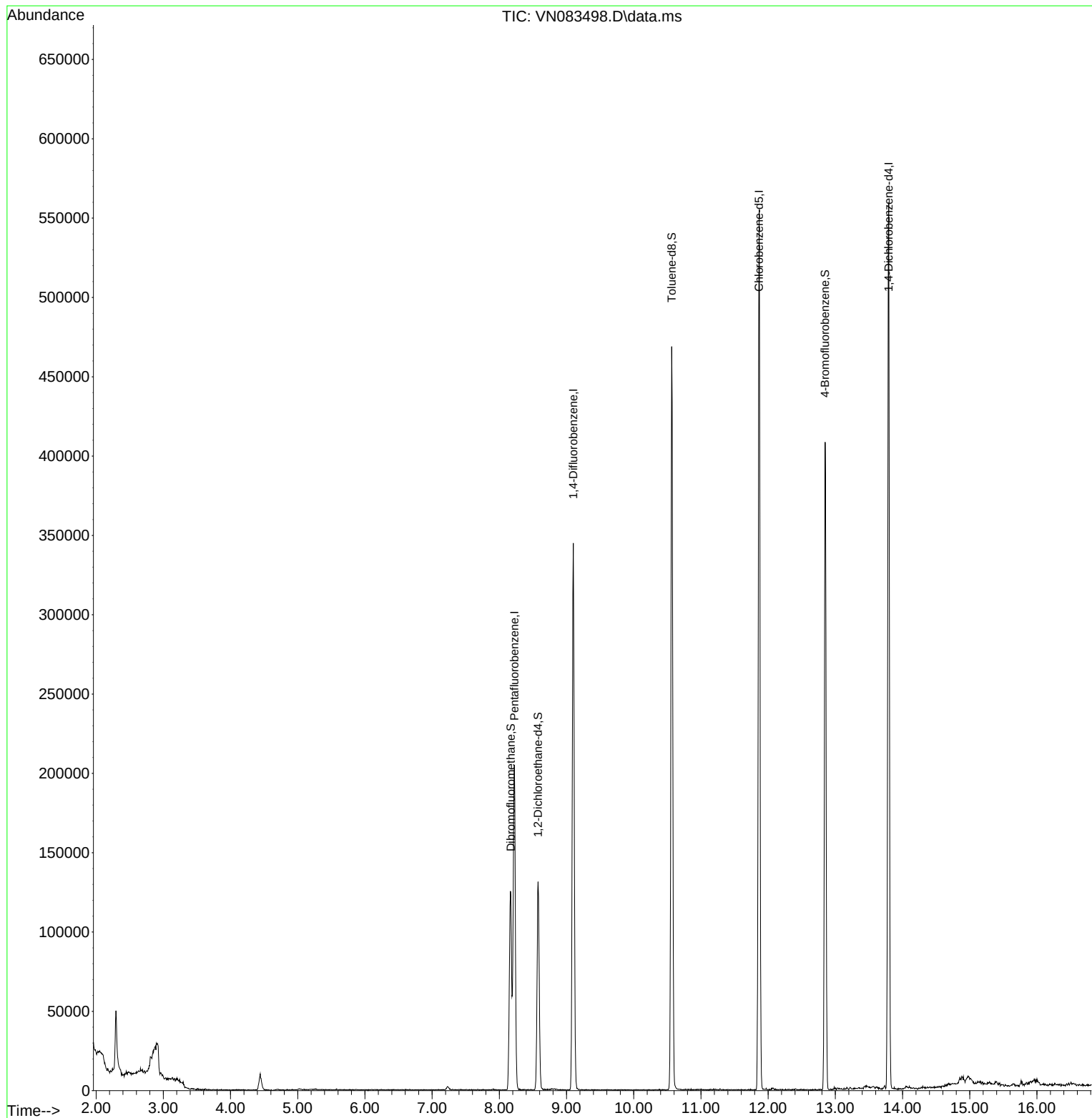
Target Compounds	Qvalue

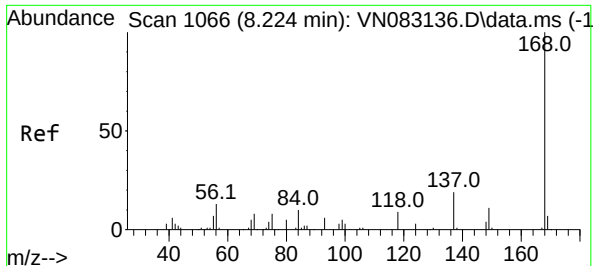
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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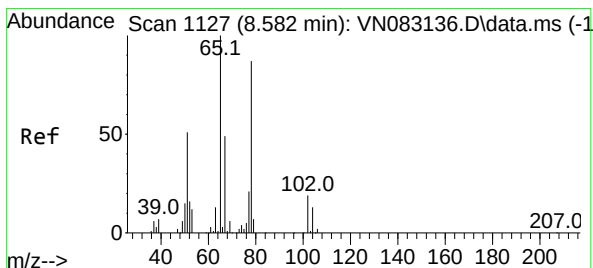
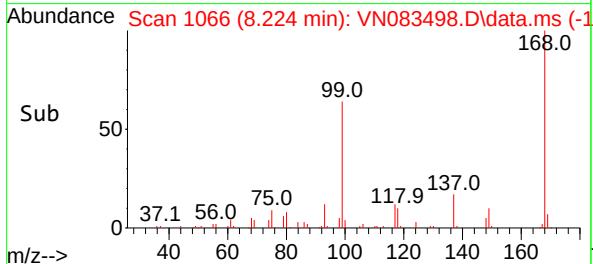
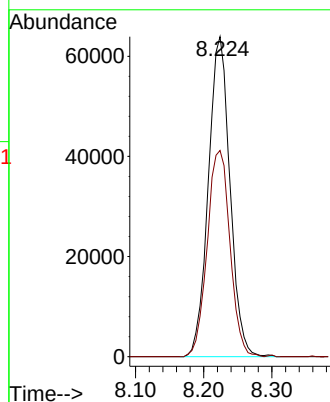
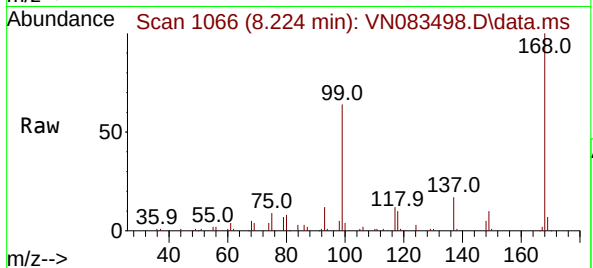




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083498.D
Acq: 27 Aug 2024 10:04

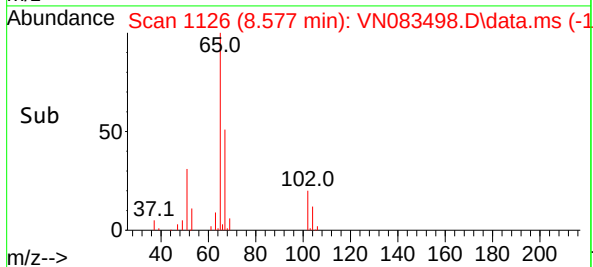
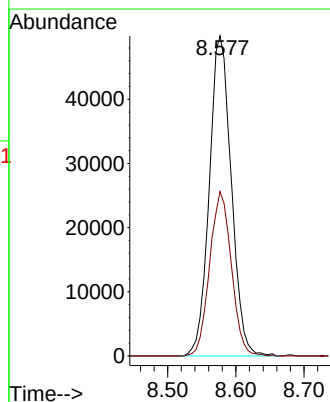
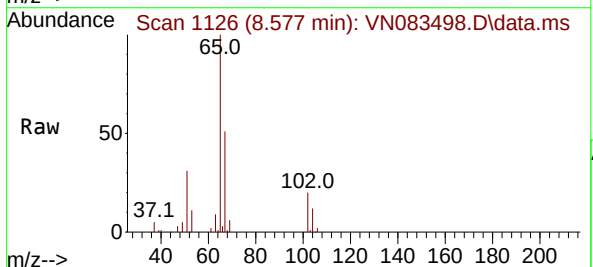
Instrument :
MSVOA_N
ClientSampleId :
VN0827WBL01

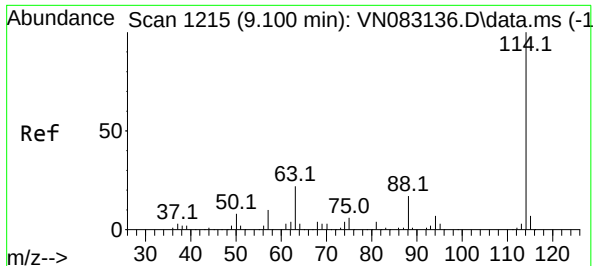
Tgt Ion:168 Resp: 141137
Ion Ratio Lower Upper
168 100
99 64.4 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 55.688 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083498.D
Acq: 27 Aug 2024 10:04

Tgt Ion: 65 Resp: 111873
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083498.D

Acq: 27 Aug 2024 10:04

Instrument :

MSVOA_N

ClientSampleId :

VN0827WBL01

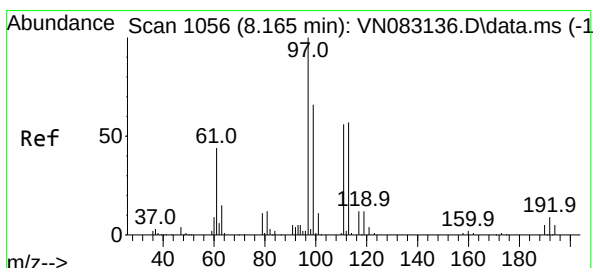
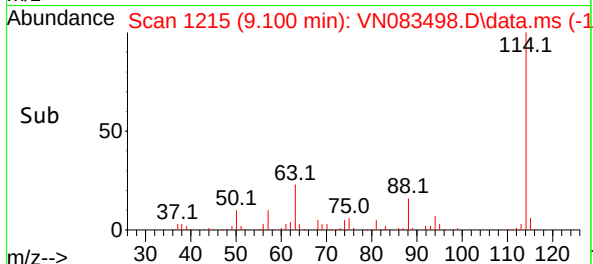
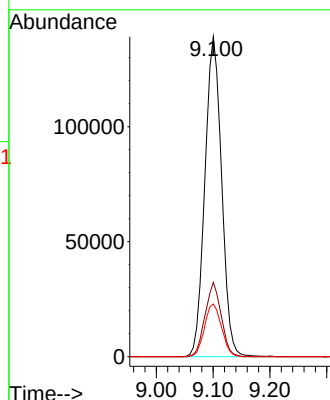
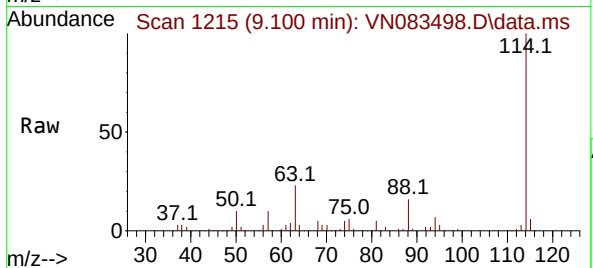
Tgt Ion:114 Resp: 284718

Ion Ratio Lower Upper

114 100

63 23.2 0.0 44.6

88 16.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.547 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083498.D

Acq: 27 Aug 2024 10:04

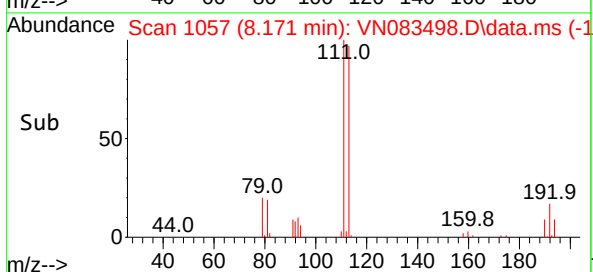
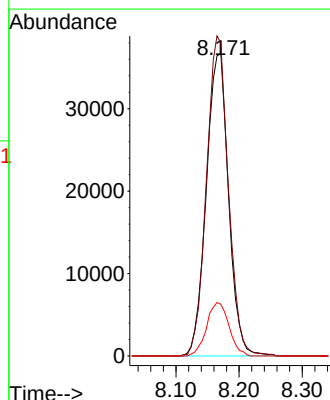
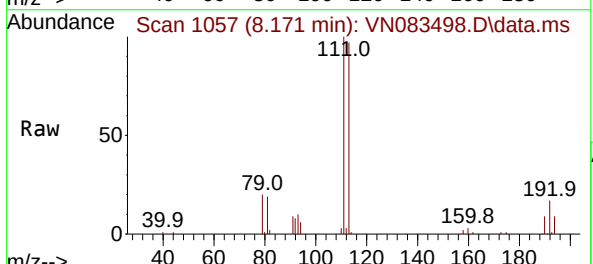
Tgt Ion:113 Resp: 89829

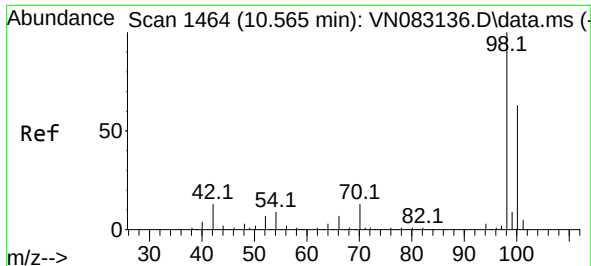
Ion Ratio Lower Upper

113 100

111 104.0 82.4 123.6

192 17.8 14.9 22.3

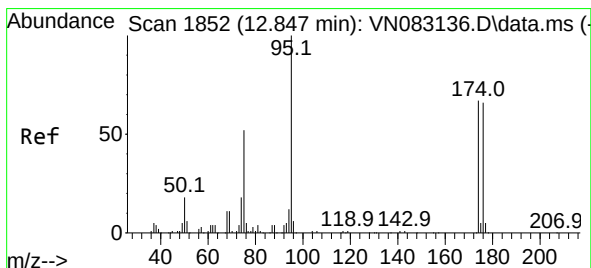
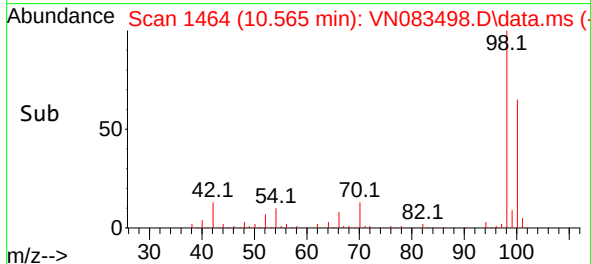
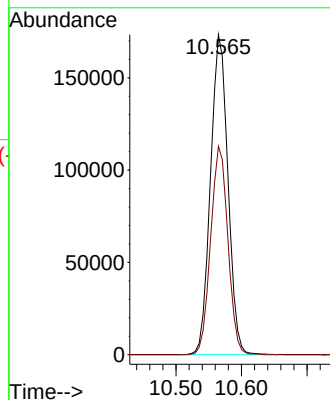
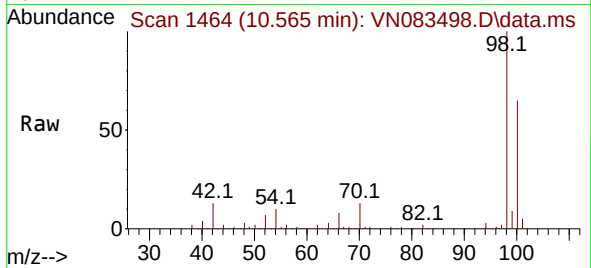




#50
Toluene-d8
Concen: 48.279 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083498.D
Acq: 27 Aug 2024 10:04

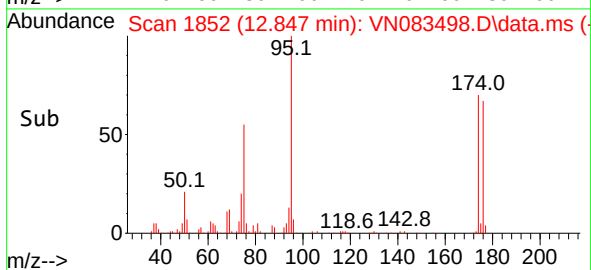
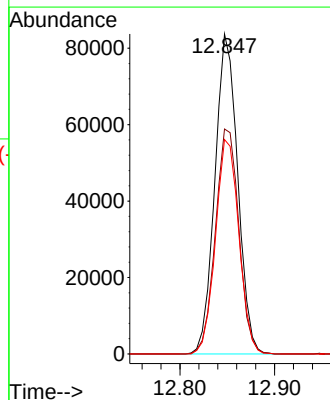
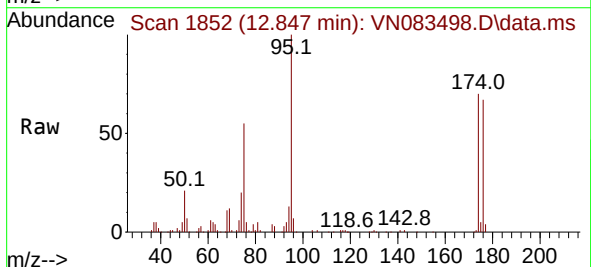
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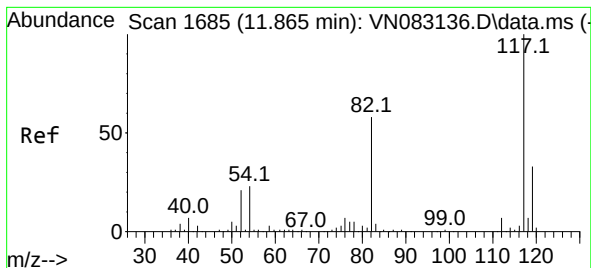
Tgt Ion: 98 Resp: 320049
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 54.202 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083498.D
Acq: 27 Aug 2024 10:04

Tgt Ion: 95 Resp: 140082
Ion Ratio Lower Upper
95 100
174 72.4 0.0 159.2
176 68.6 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083498.D

Acq: 27 Aug 2024 10:04

Instrument :

MSVOA_N

ClientSampleId :

VN0827WBL01

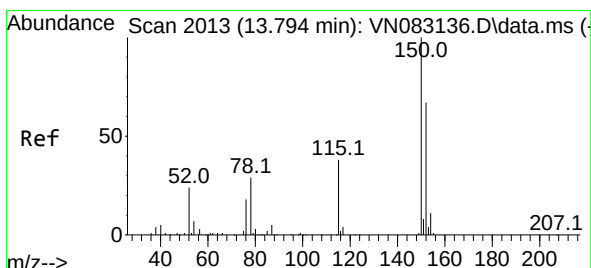
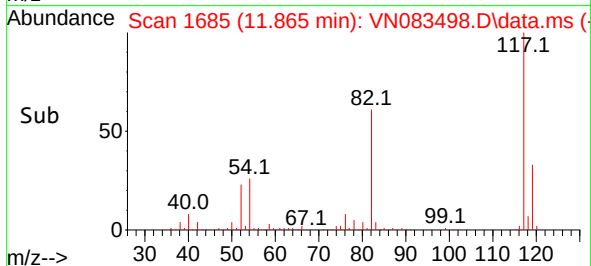
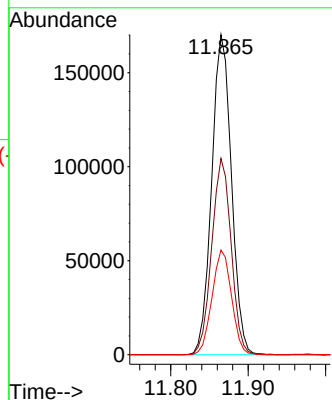
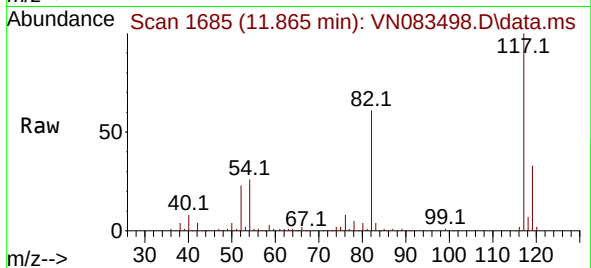
Tgt Ion:117 Resp: 301175

Ion Ratio Lower Upper

117 100

82 61.3 47.5 71.3

119 32.7 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN083498.D

Acq: 27 Aug 2024 10:04

Tgt Ion:152 Resp: 142541

Ion Ratio Lower Upper

152 100

115 64.2 30.6 91.6

150 158.6 0.0 348.6

