

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072424\
 Data File : VN083022.D
 Acq On : 24 Jul 2024 11:06
 Operator : JC\MD
 Sample : VN0724WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0724WBL01

Quant Time: Jul 25 02:35:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	159962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	312796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	317048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	128035	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	125038	55.762	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	111.520%	
35) Dibromofluoromethane	8.171	113	105756	52.690	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	105.380%	
50) Toluene-d8	10.565	98	358760	48.394	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	96.780%	
62) 4-Bromofluorobenzene	12.853	95	121818	45.746	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	=	91.500%	

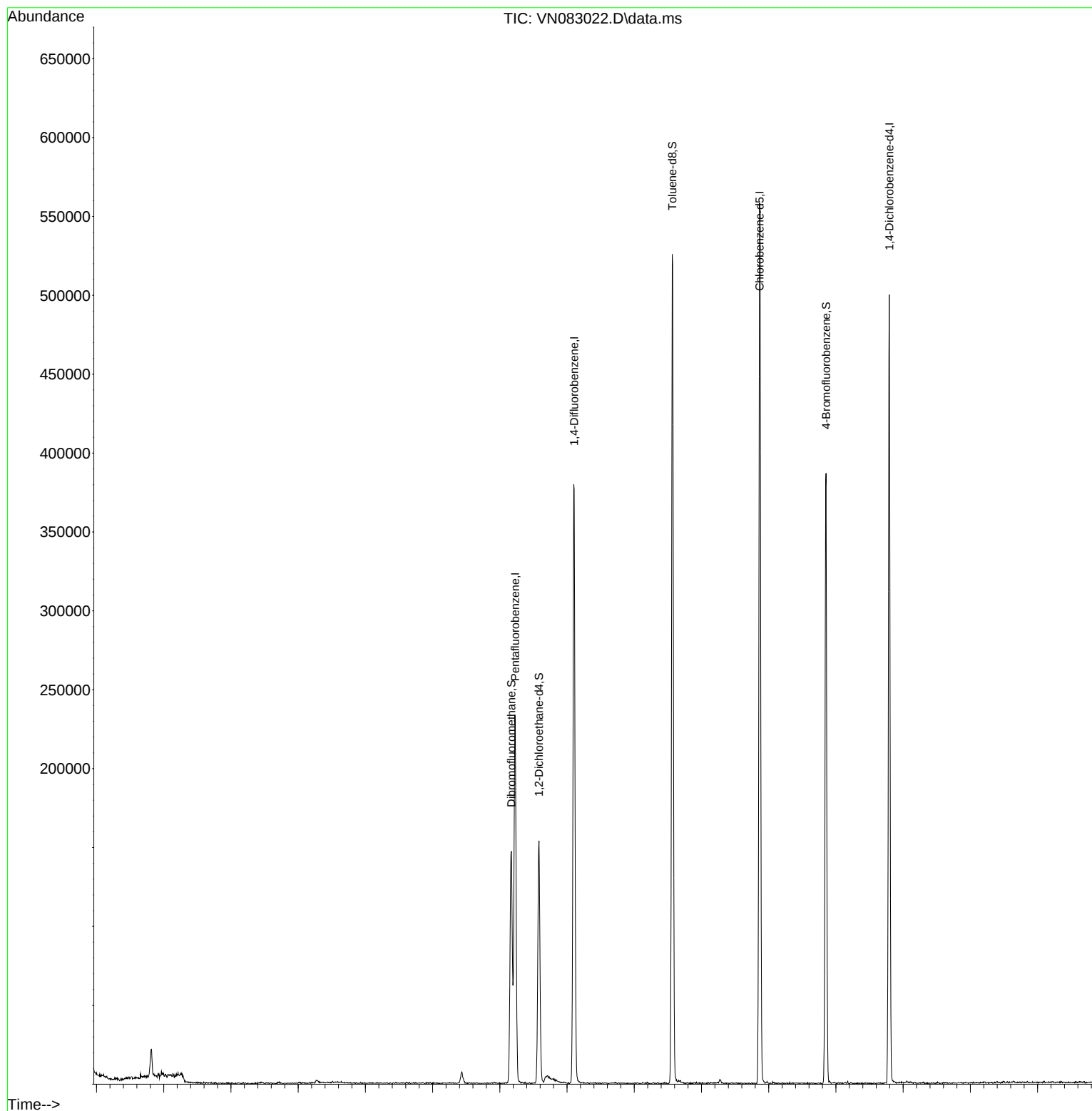
Target Compounds Qvalue

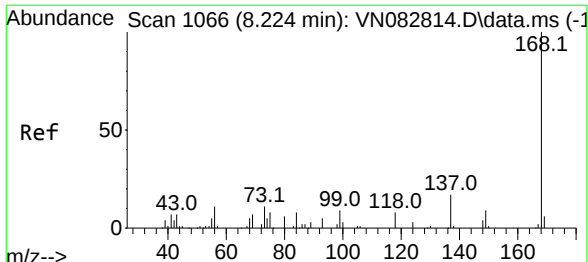
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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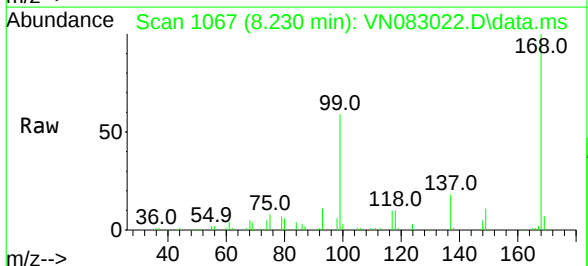
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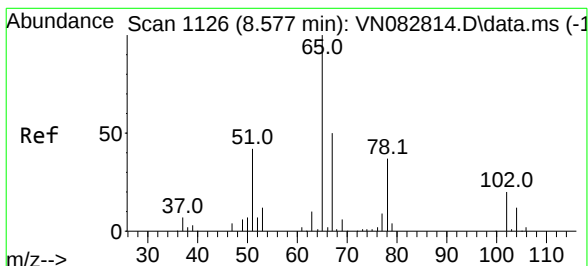
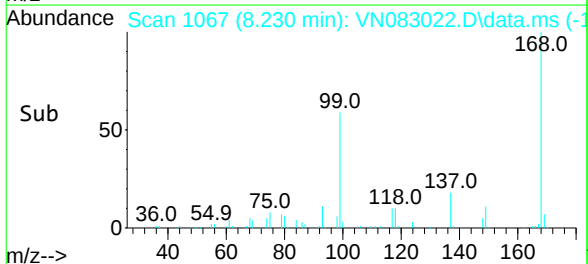
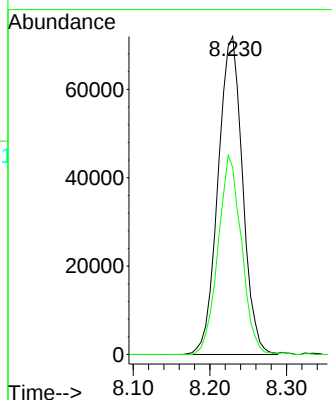


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.230 min Scan# 1067
 Delta R.T. 0.001 min
 Lab File: VN083022.D
 Acq: 24 Jul 2024 11:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0724WBL01

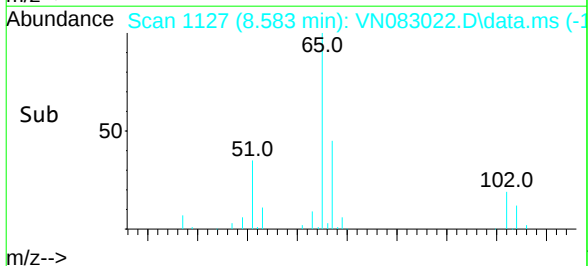
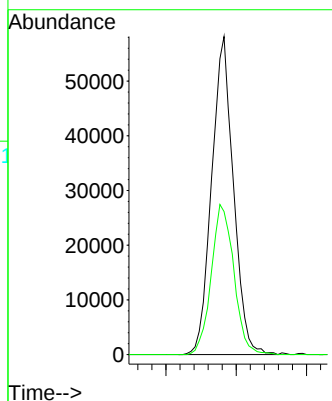
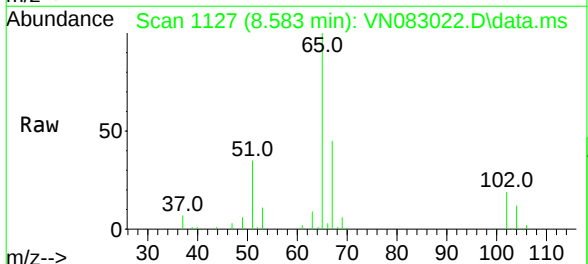


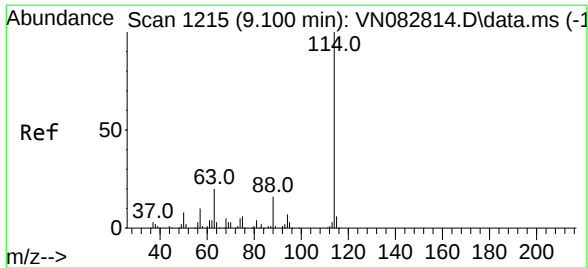
Tgt Ion: 168 Resp: 159962
 Ion Ratio Lower Upper
 168 100
 99 58.9 48.2 72.4



#33
 1,2-Dichloroethane-d4
 Concen: 55.762 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.001 min
 Lab File: VN083022.D
 Acq: 24 Jul 2024 11:06

Tgt Ion: 65 Resp: 125038
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 104.4

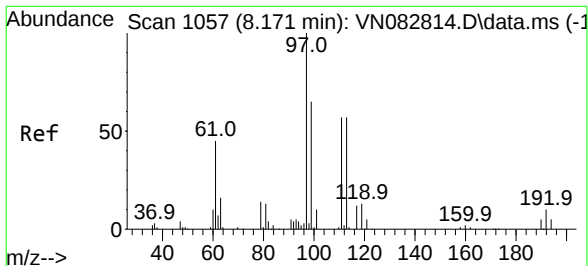
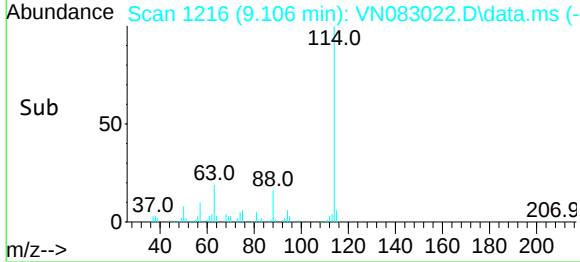
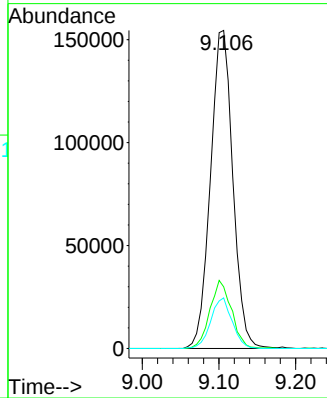
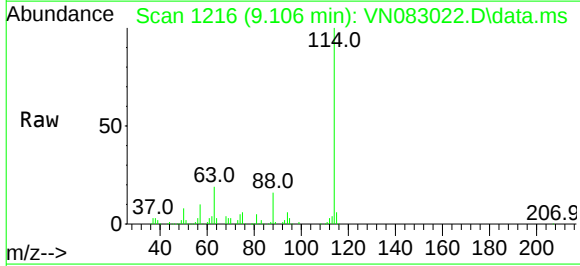




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083022.D
Acq: 24 Jul 2024 11:06

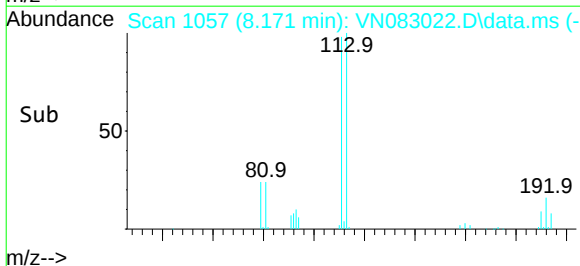
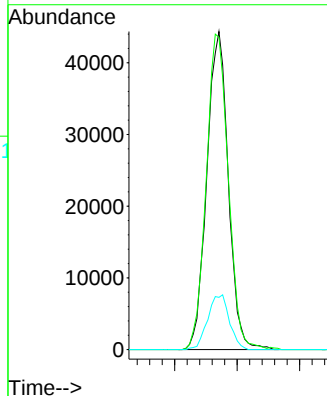
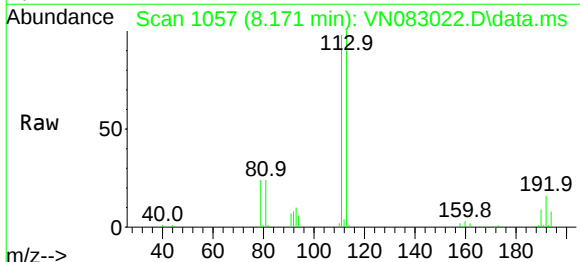
Instrument :
MSVOA_N
ClientSampleId :
VN0724WBL01

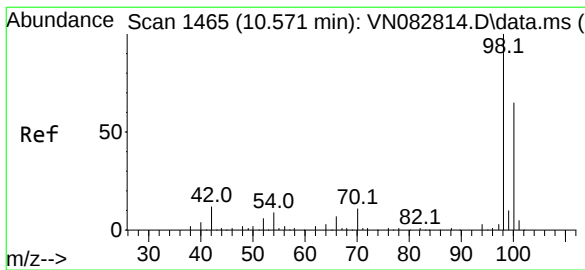
Tgt Ion:	114	Resp:	312796
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	44.6
88	15.9	0.0	31.4



#35
Dibromofluoromethane
Concen: 52.690 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083022.D
Acq: 24 Jul 2024 11:06

Tgt Ion:	113	Resp:	105756
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.4	123.6
192	17.4	14.9	22.3





#50

Toluene-d8

Concen: 48.394 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.005 min

Lab File: VN083022.D

Acq: 24 Jul 2024 11:06

Instrument :

MSVOA_N

ClientSampleId :

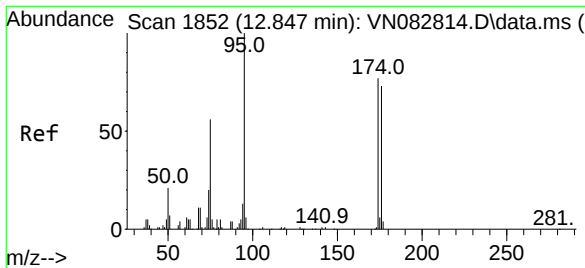
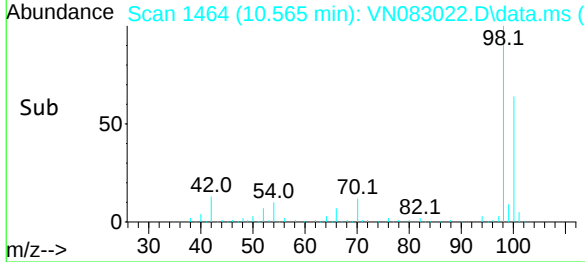
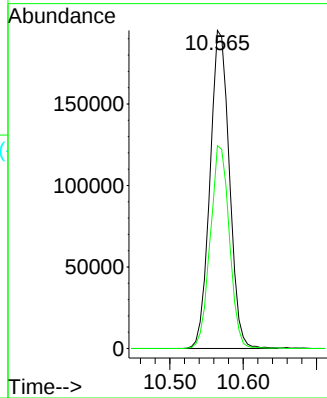
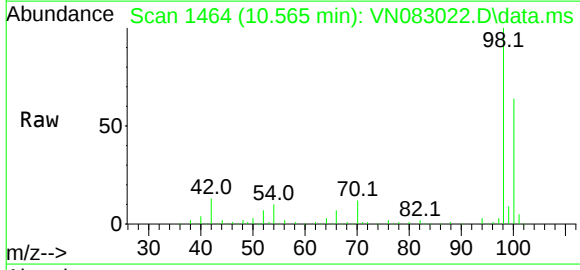
VN0724WBL01

Tgt Ion: 98 Resp: 358760

Ion Ratio Lower Upper

98 100

100 62.8 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 45.746 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN083022.D

Acq: 24 Jul 2024 11:06

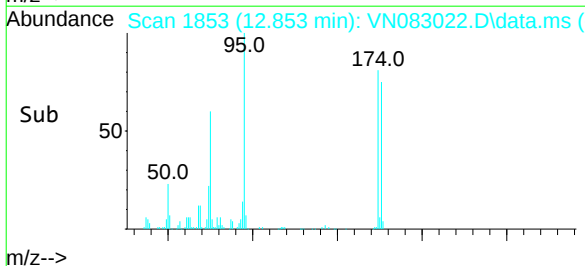
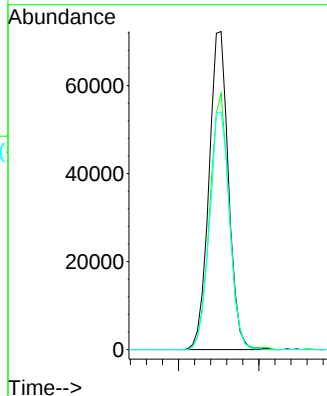
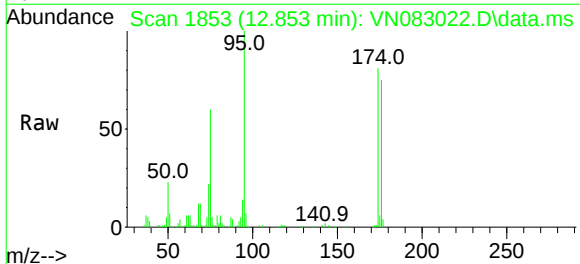
Tgt Ion: 95 Resp: 121818

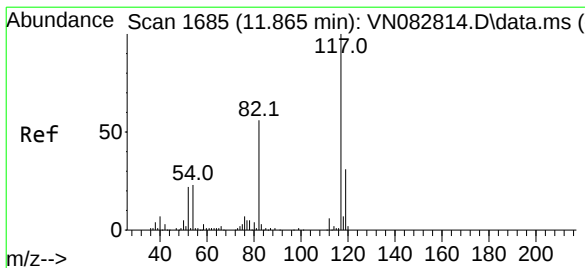
Ion Ratio Lower Upper

95 100

174 80.4 0.0 159.2

176 77.1 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. -0.005 min

Lab File: VN083022.D

Acq: 24 Jul 2024 11:06

Instrument :

MSVOA_N

ClientSampleId :

VN0724WBL01

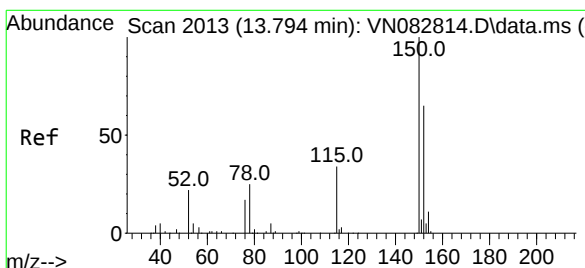
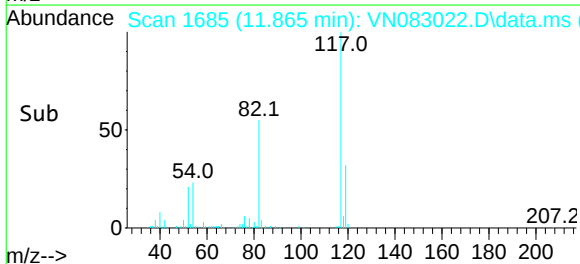
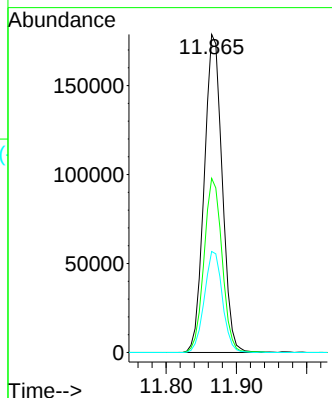
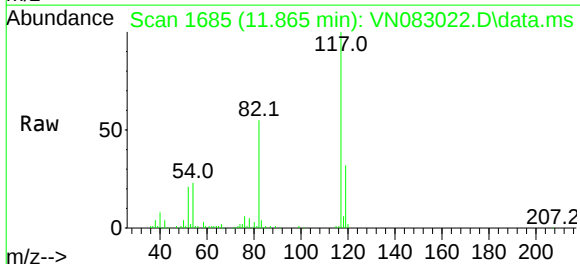
Tgt Ion:117 Resp: 317048

Ion Ratio Lower Upper

117 100

82 54.7 47.5 71.3

119 31.8 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: VN083022.D

Acq: 24 Jul 2024 11:06

Tgt Ion:152 Resp: 128035

Ion Ratio Lower Upper

152 100

115 59.6 30.6 91.6

150 159.0 0.0 348.6

