

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032824\
 Data File : VN081597.D
 Acq On : 28 Mar 2024 11:10
 Operator : JC\MD
 Sample : VN0328WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBL01

Quant Time: Mar 29 02:44:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	357020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	658947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	605363	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	245111	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	255083	56.026	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.060%
35) Dibromofluoromethane	8.165	113	216280	52.008	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.020%
50) Toluene-d8	10.571	98	801072	53.288	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.580%
62) 4-Bromofluorobenzene	12.853	95	249204	47.046	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	94.100%

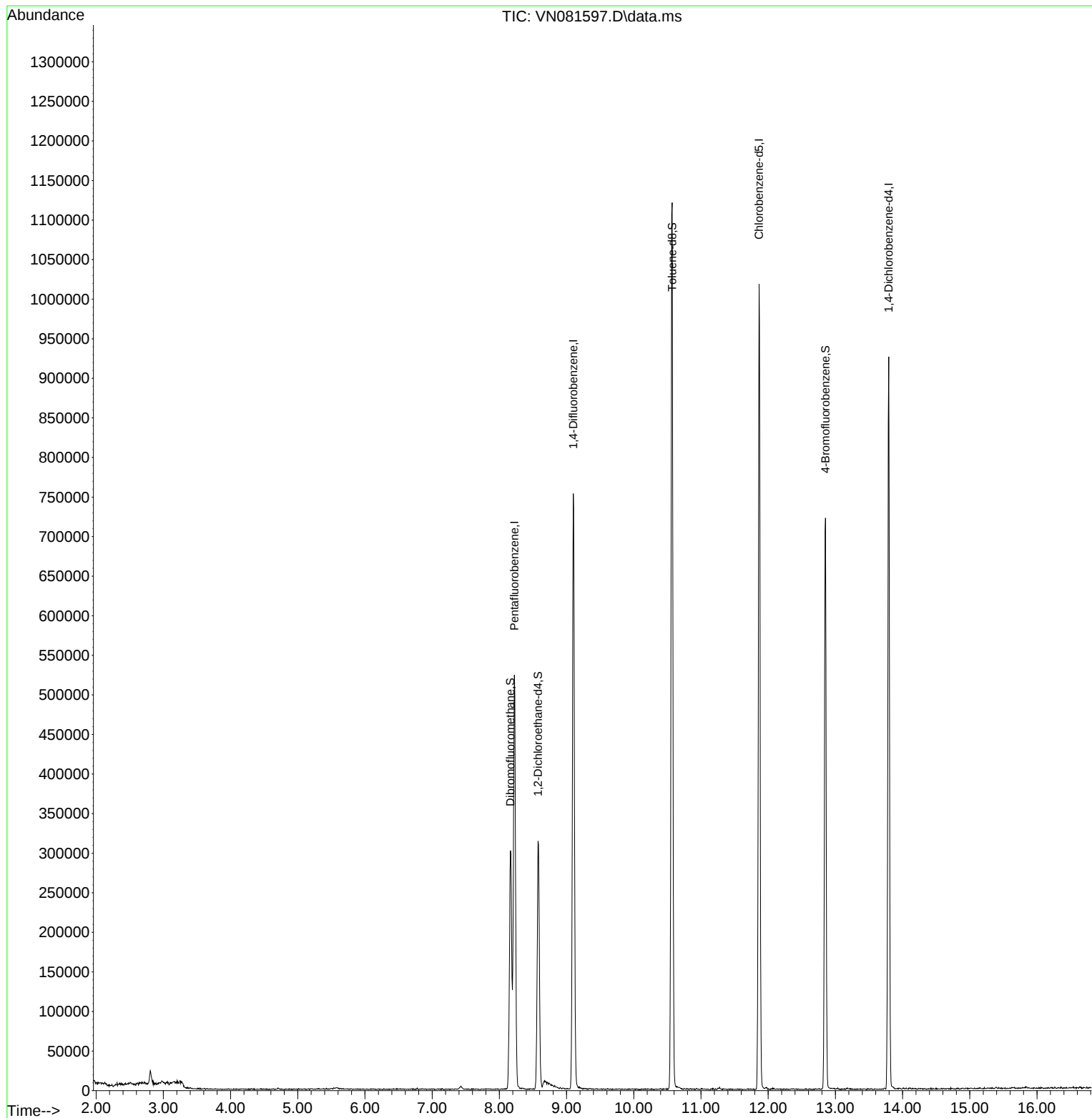
Target Compounds	Qvalue

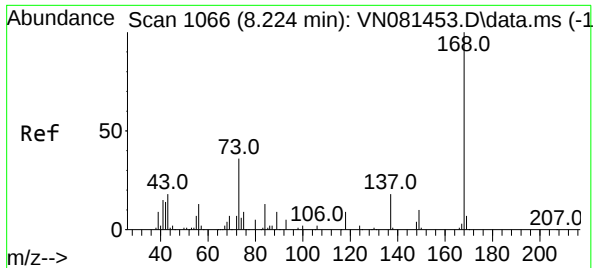
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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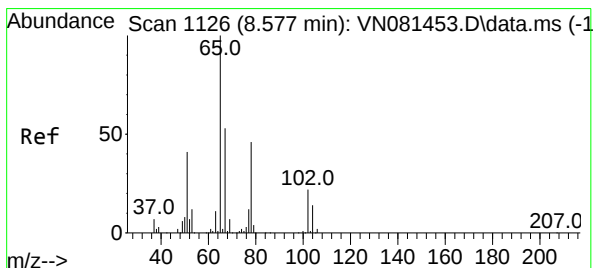
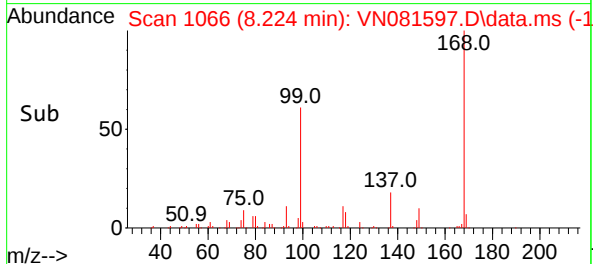
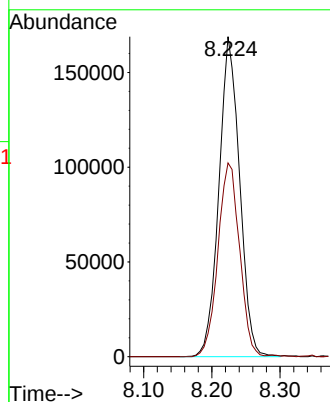
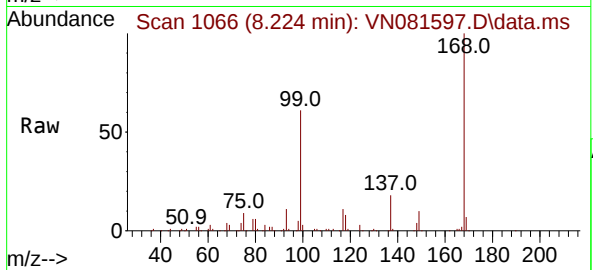




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081597.D
Acq: 28 Mar 2024 11:10

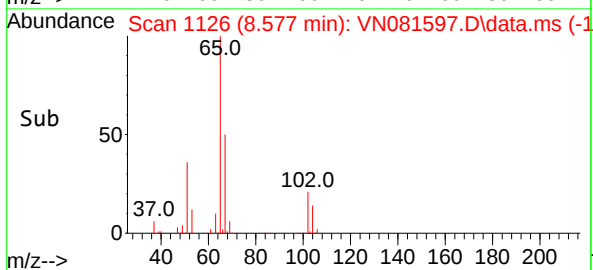
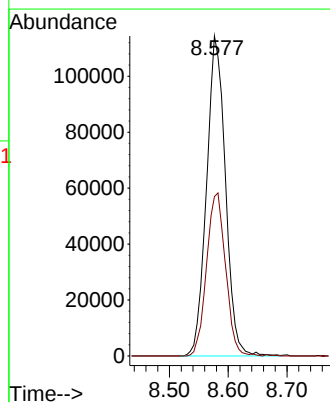
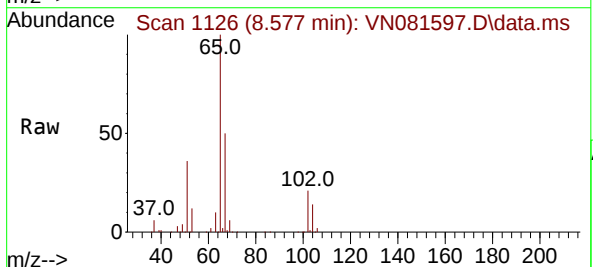
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL01

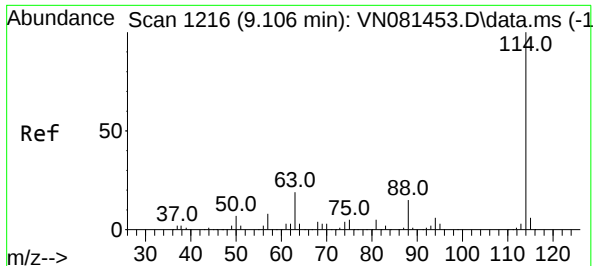
Tgt Ion:168 Resp: 357020
Ion Ratio Lower Upper
168 100
99 60.6 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 56.026 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081597.D
Acq: 28 Mar 2024 11:10

Tgt Ion: 65 Resp: 255083
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081597.D

Acq: 28 Mar 2024 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBL01

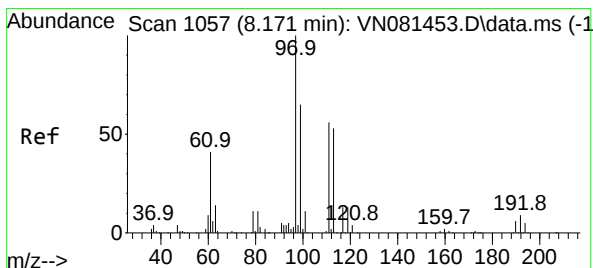
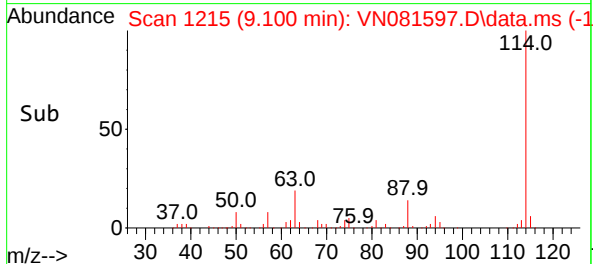
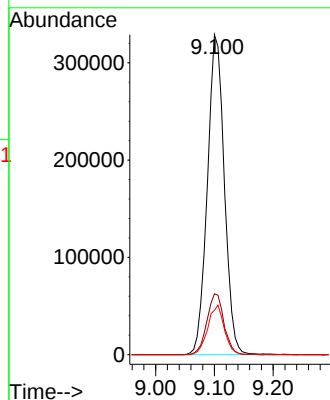
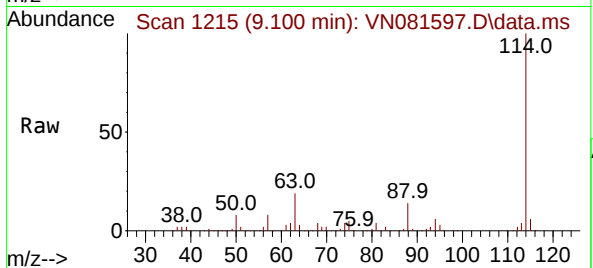
Tgt Ion:114 Resp: 658947

Ion Ratio Lower Upper

114 100

63 19.0 0.0 48.0

88 13.9 0.0 34.8



#35

Dibromofluoromethane

Concen: 52.008 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081597.D

Acq: 28 Mar 2024 11:10

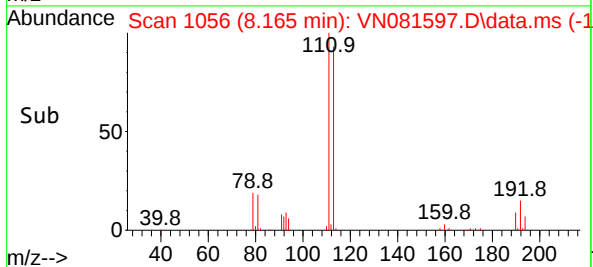
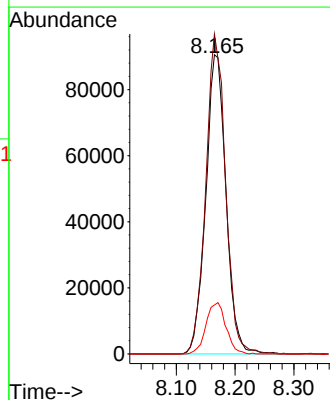
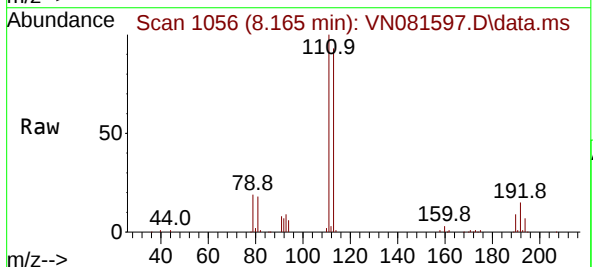
Tgt Ion:113 Resp: 216280

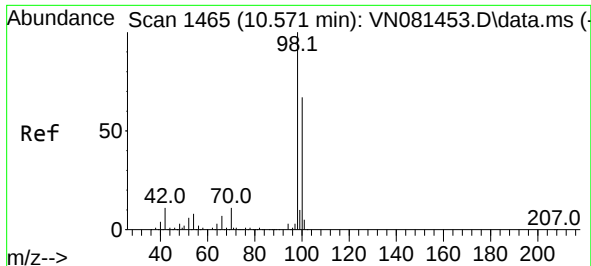
Ion Ratio Lower Upper

113 100

111 104.8 82.2 123.4

192 16.9 12.5 18.7

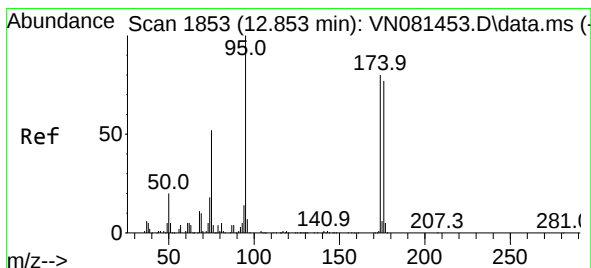
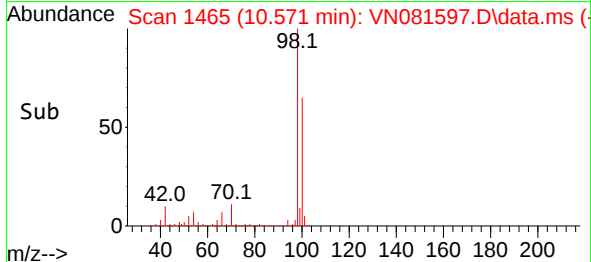
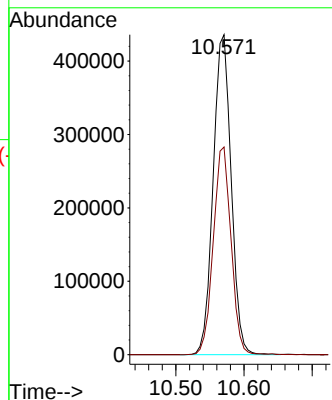
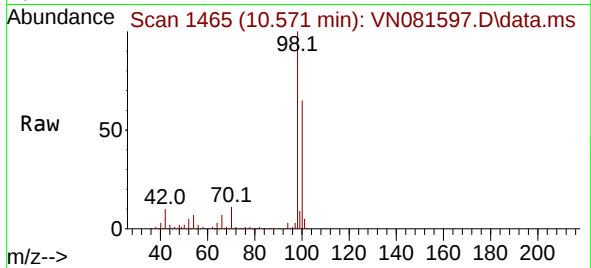




#50
Toluene-d8
Concen: 53.288 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081597.D
Acq: 28 Mar 2024 11:10

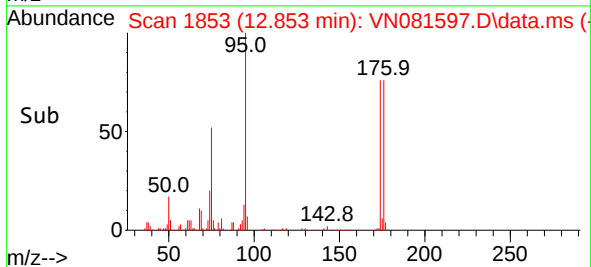
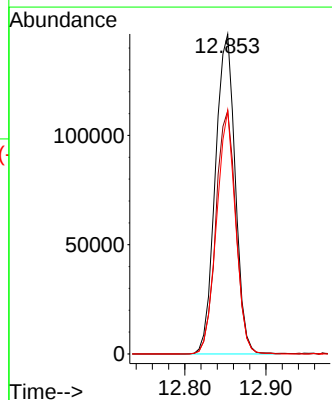
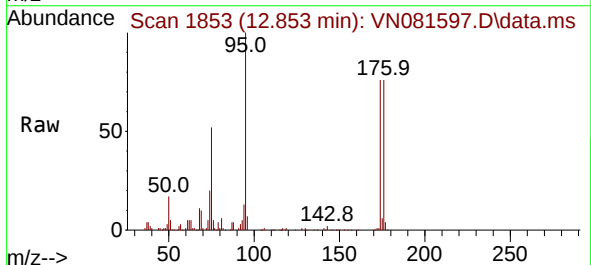
Instrument :
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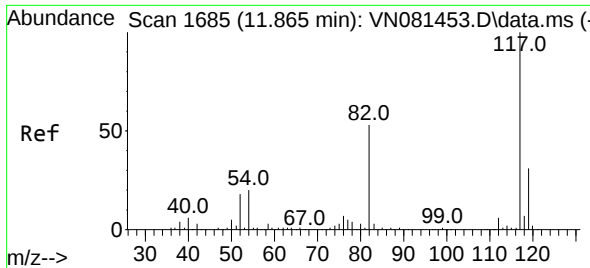
Tgt Ion: 98 Resp: 801072
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 47.046 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081597.D
Acq: 28 Mar 2024 11:10

Tgt Ion: 95 Resp: 249204
Ion Ratio Lower Upper
95 100
174 76.1 0.0 120.4
176 72.8 0.0 121.0

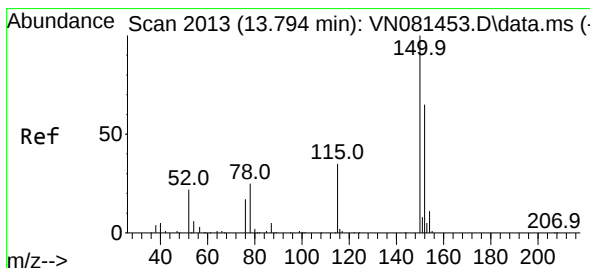
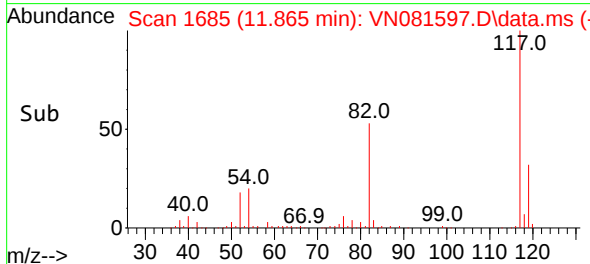
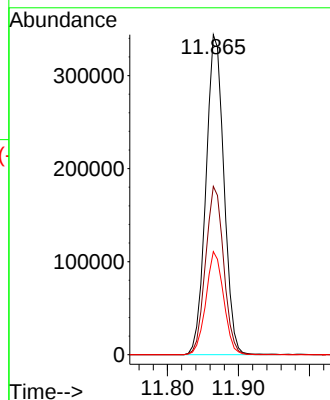
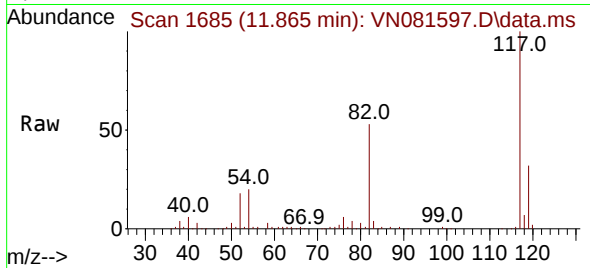




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081597.D
Acq: 28 Mar 2024 11:10

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL01

Tgt Ion:117 Resp: 605363
Ion Ratio Lower Upper
117 100
82 52.6 52.7 79.1#
119 32.2 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081597.D
Acq: 28 Mar 2024 11:10

Tgt Ion:152 Resp: 245111
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 156.1 0.0 339.8

