

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051724\
 Data File : VN082197.D
 Acq On : 17 May 2024 22:34
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: May 18 00:13:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	165943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	297519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117449	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	137742	52.568	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.140%
35) Dibromofluoromethane	8.165	113	96264	52.598	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.200%
50) Toluene-d8	10.571	98	377113	53.744	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.480%
62) 4-Bromofluorobenzene	12.847	95	126231	50.402	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	100.800%

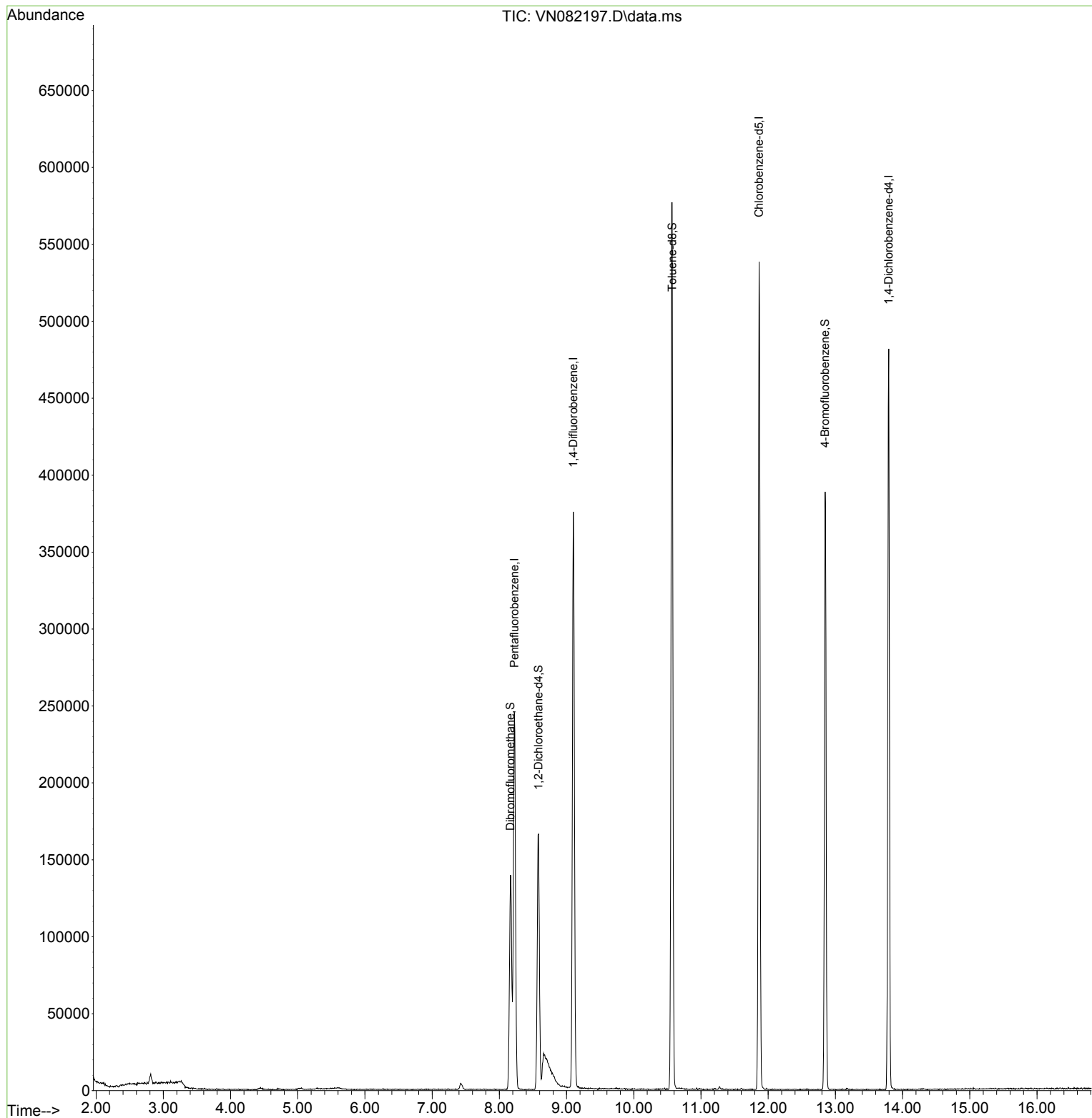
Target Compounds	Qvalue

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

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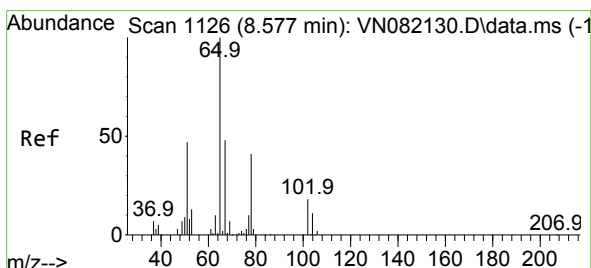
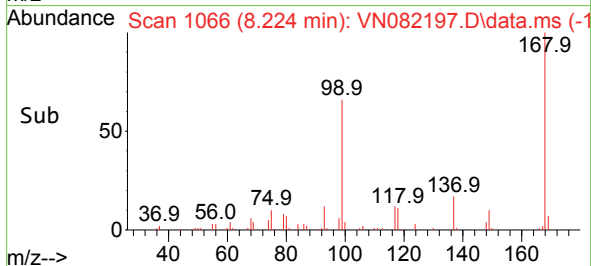
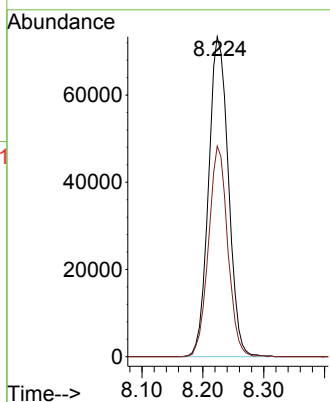
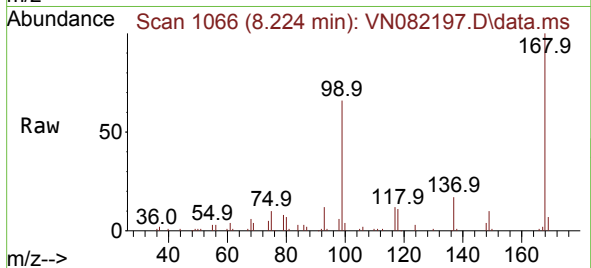




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082197.D
Acq: 17 May 2024 22:34

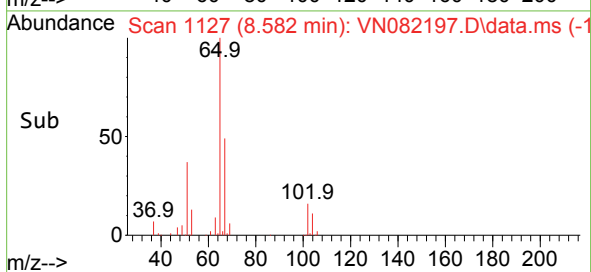
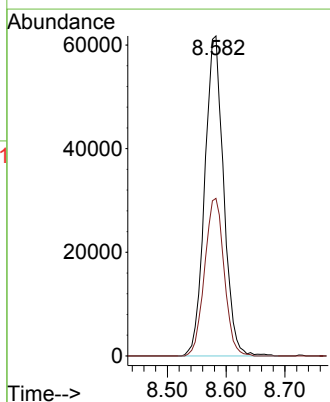
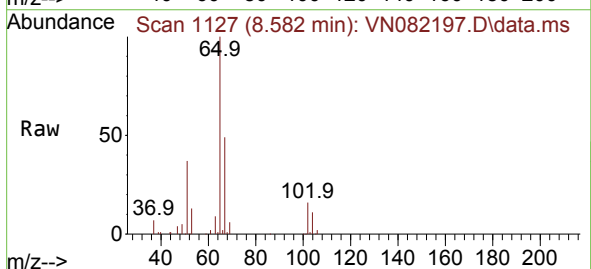
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

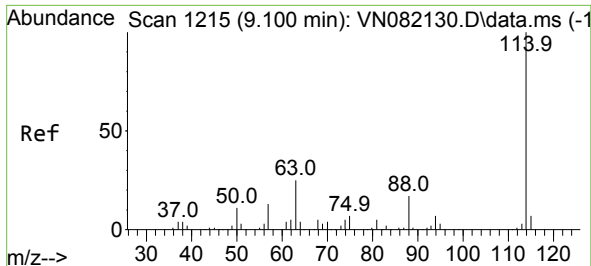
Tgt Ion:168 Resp: 165943
Ion Ratio Lower Upper
168 100
99 65.8 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 52.568 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082197.D
Acq: 17 May 2024 22:34

Tgt Ion: 65 Resp: 137742
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082197.D

Acq: 17 May 2024 22:34

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

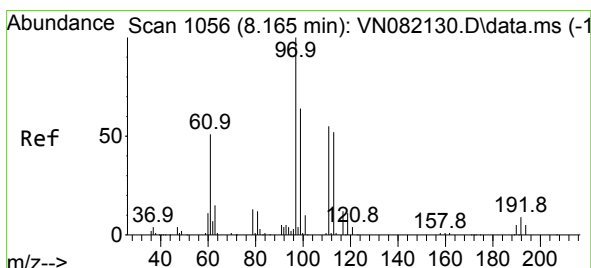
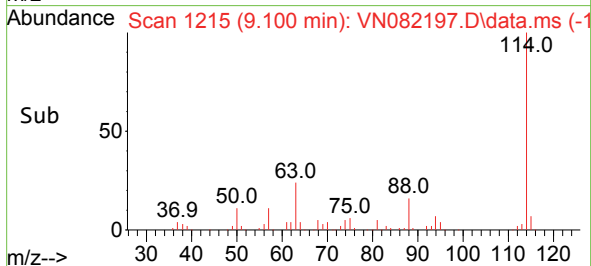
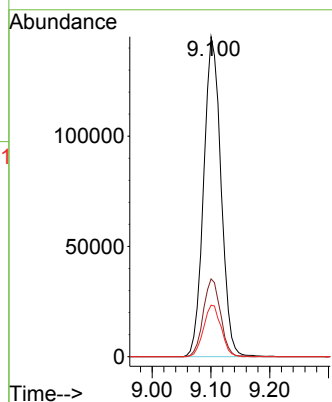
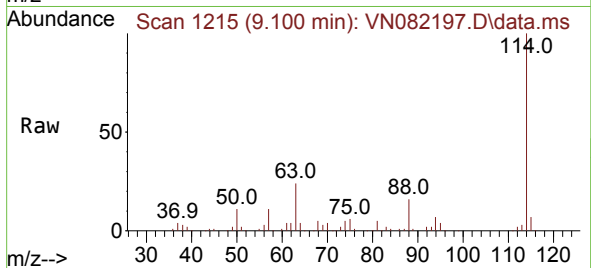
Tgt Ion:114 Resp: 297519

Ion Ratio Lower Upper

114 100

63 24.3 0.0 41.0

88 16.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.598 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082197.D

Acq: 17 May 2024 22:34

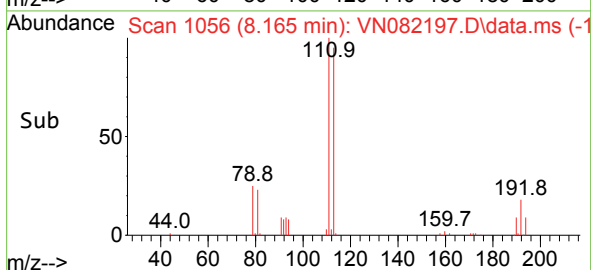
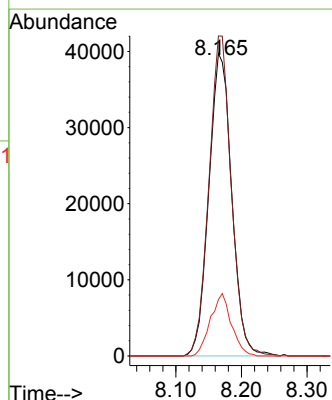
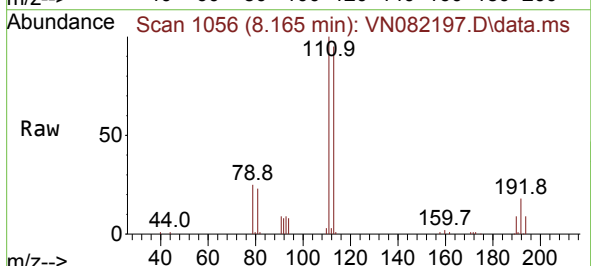
Tgt Ion:113 Resp: 96264

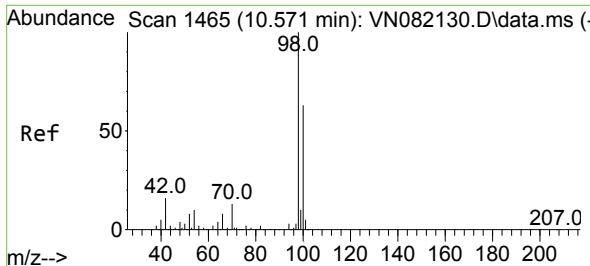
Ion Ratio Lower Upper

113 100

111 103.4 83.4 125.2

192 19.0 14.0 21.0

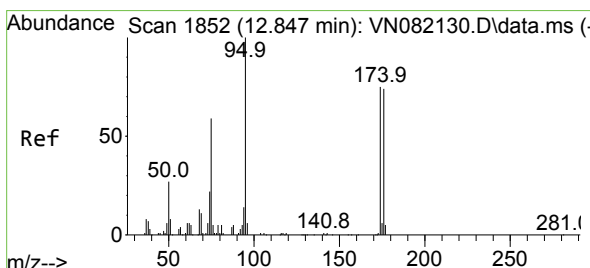
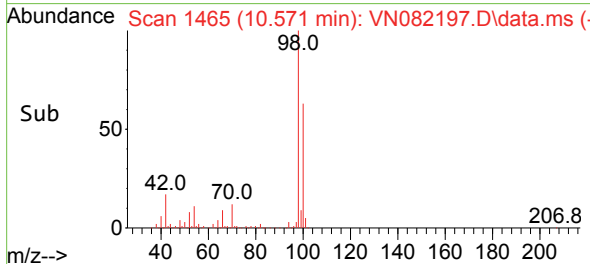
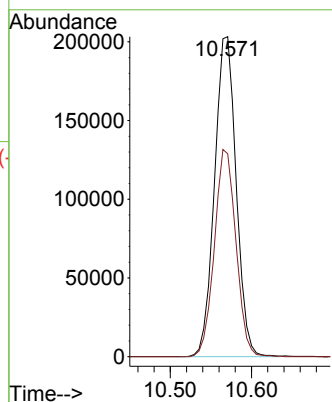
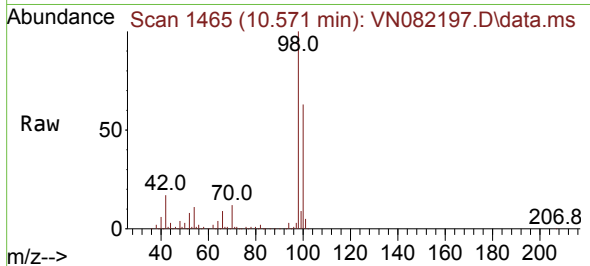




#50
Toluene-d8
Concen: 53.744 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082197.D
Acq: 17 May 2024 22:34

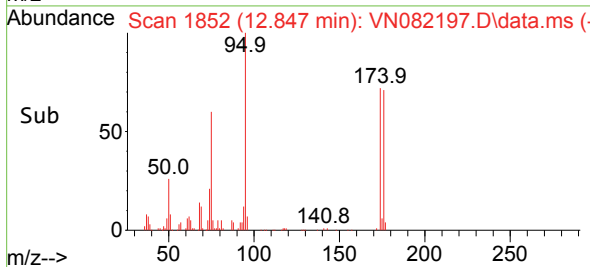
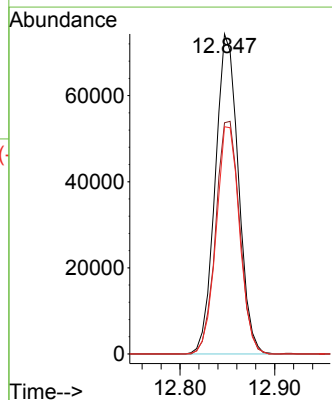
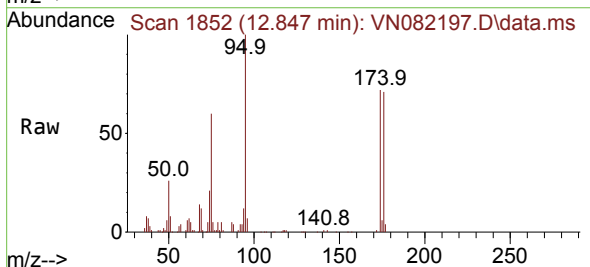
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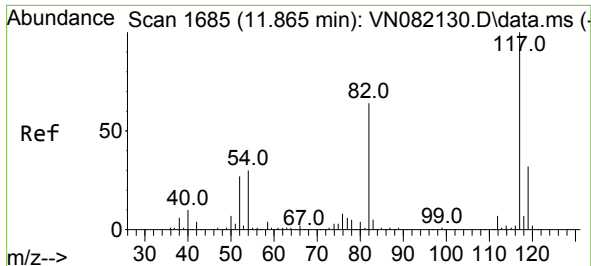
Tgt Ion: 98 Resp: 377113
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.402 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082197.D
Acq: 17 May 2024 22:34

Tgt Ion: 95 Resp: 126231
Ion Ratio Lower Upper
95 100
174 75.0 0.0 160.6
176 71.9 0.0 152.8

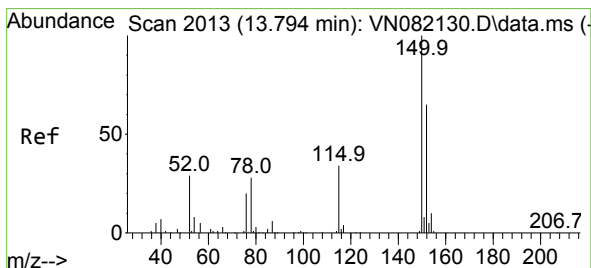
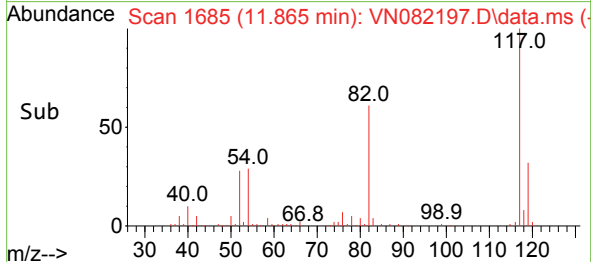
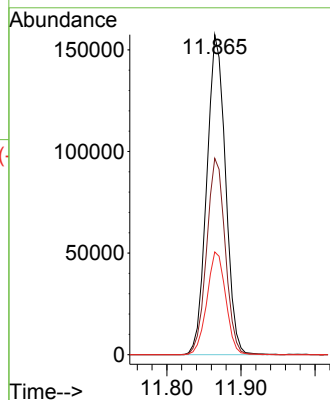
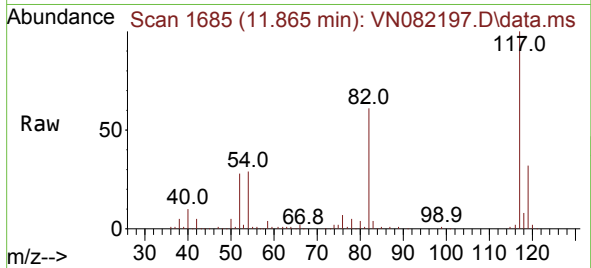




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082197.D
Acq: 17 May 2024 22:34

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 276315
Ion Ratio Lower Upper
117 100
82 61.3 44.6 66.8
119 32.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082197.D
Acq: 17 May 2024 22:34

Tgt Ion:152 Resp: 117449
Ion Ratio Lower Upper
152 100
115 60.2 30.4 91.3
150 158.2 0.0 353.2

