

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052224\
 Data File : VN082284.D
 Acq On : 22 May 2024 11:23
 Operator : JC\MD
 Sample : VN0522WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522WBL01

Quant Time: May 23 01:49:03 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	198692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	346066	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	327767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	140725	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	159143	50.725	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.440%
35) Dibromofluoromethane	8.171	113	112060	52.639	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.280%
50) Toluene-d8	10.571	98	435215	53.323	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.640%
62) 4-Bromofluorobenzene	12.847	95	156868	53.848	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	107.700%

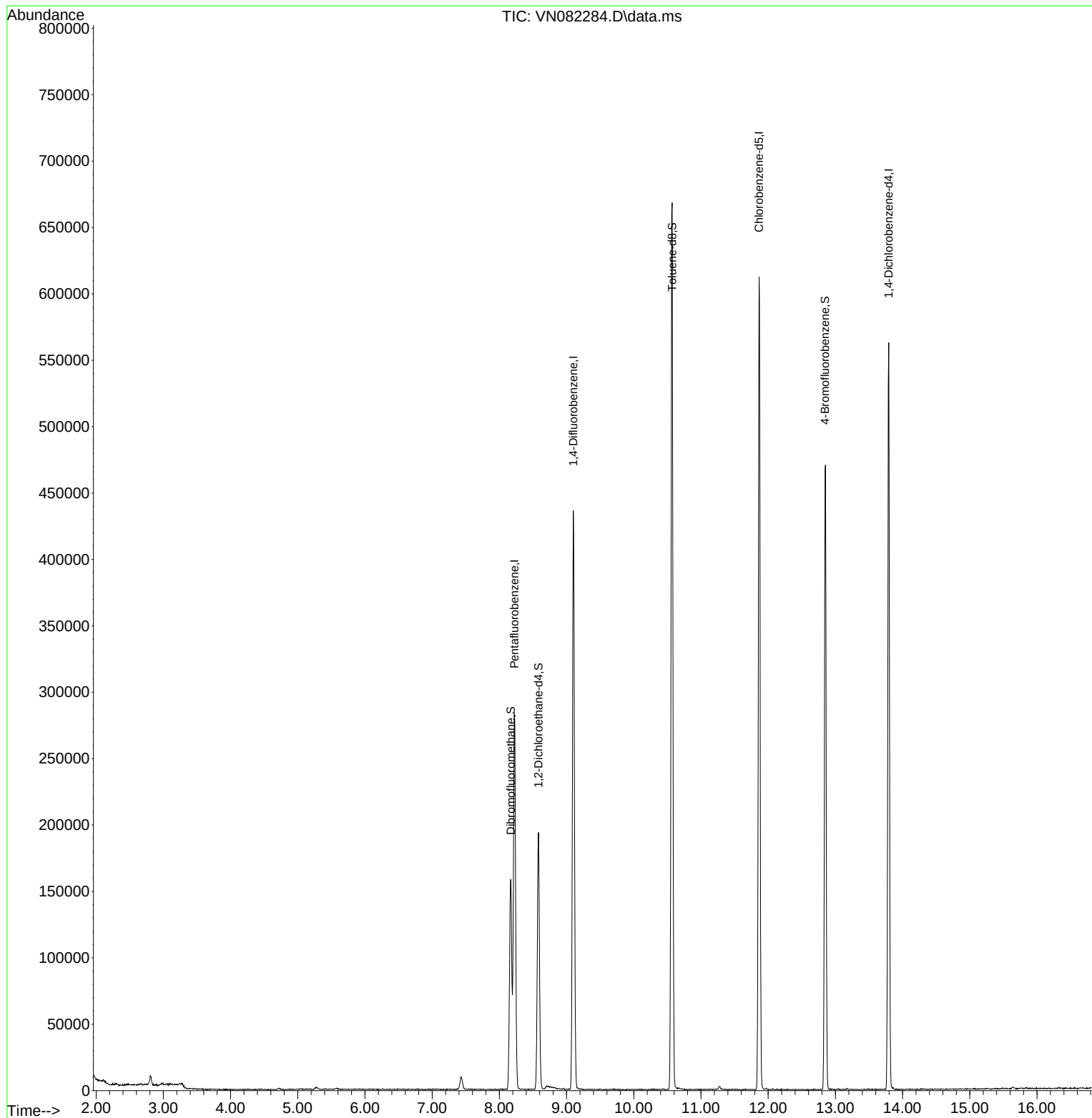
Target Compounds	Qvalue

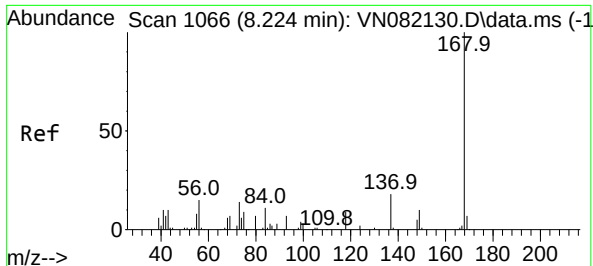
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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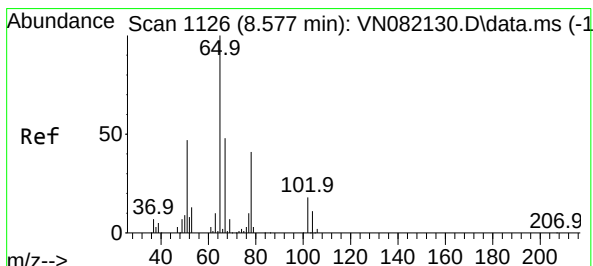
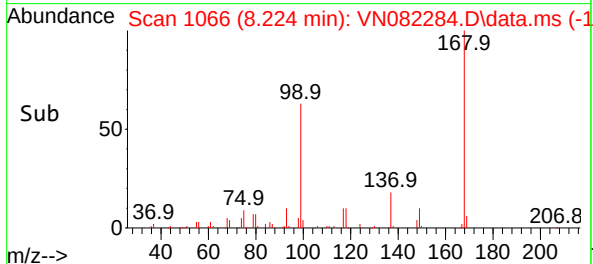
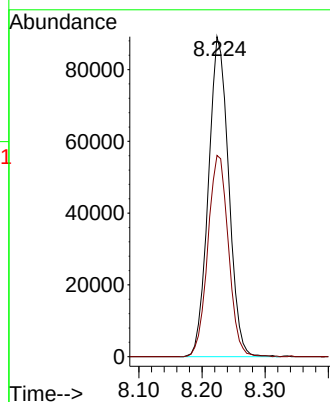
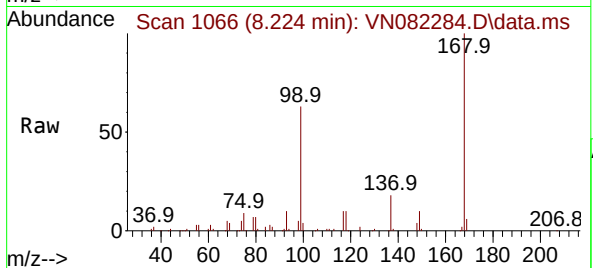




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VN082284.D
Acq: 22 May 2024 11:23

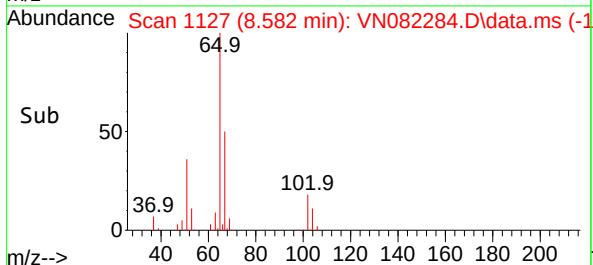
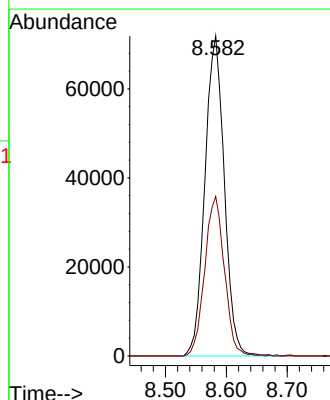
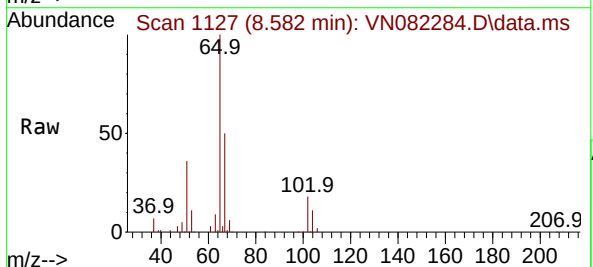
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBL01

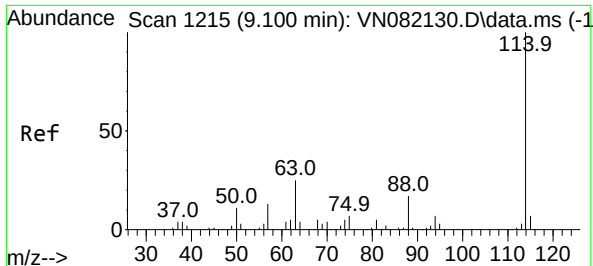
Tgt Ion:168 Resp: 198692
Ion Ratio Lower Upper
168 100
99 62.9 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 50.725 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082284.D
Acq: 22 May 2024 11:23

Tgt Ion: 65 Resp: 159143
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082284.D

Acq: 22 May 2024 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN0522WBL01

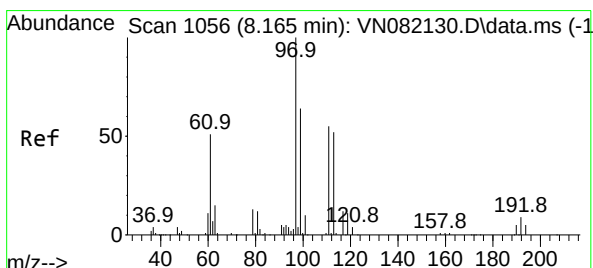
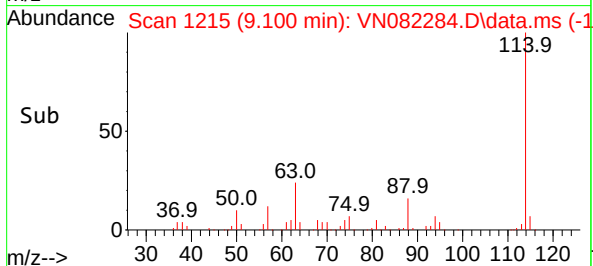
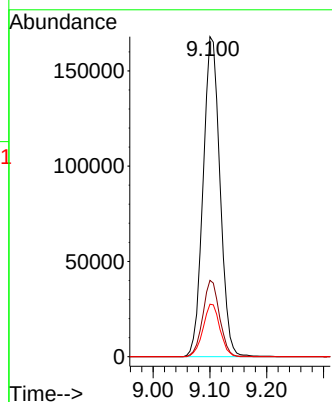
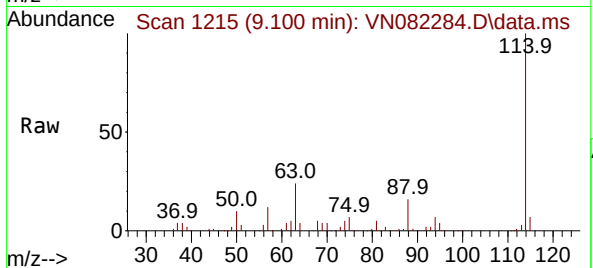
Tgt Ion:114 Resp: 346066

Ion Ratio Lower Upper

114 100

63 23.8 0.0 41.0

88 16.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.639 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082284.D

Acq: 22 May 2024 11:23

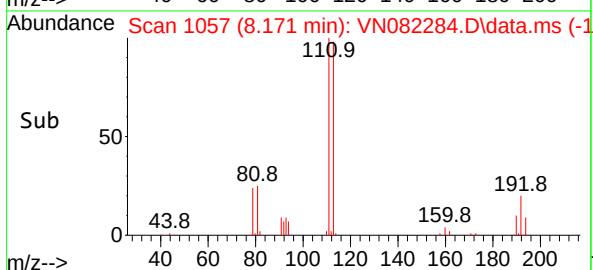
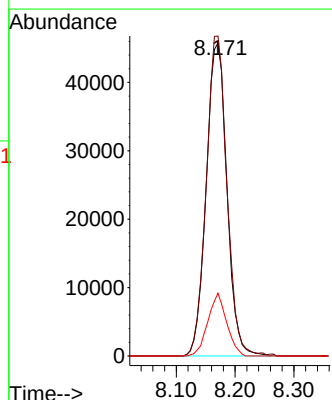
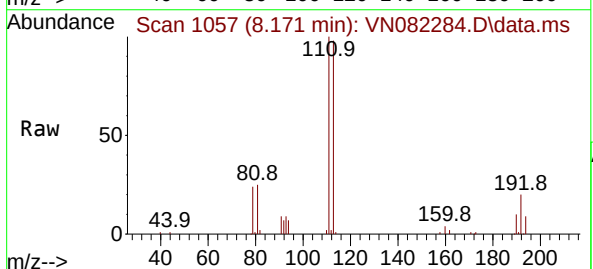
Tgt Ion:113 Resp: 112060

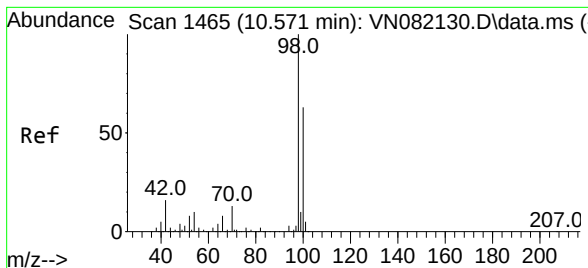
Ion Ratio Lower Upper

113 100

111 101.9 83.4 125.2

192 18.1 14.0 21.0

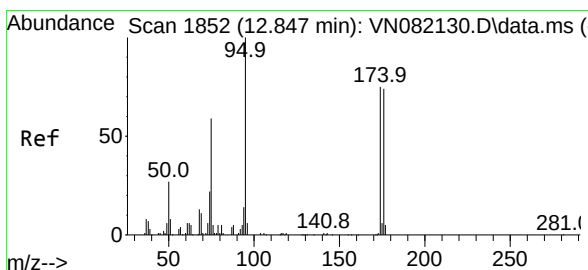
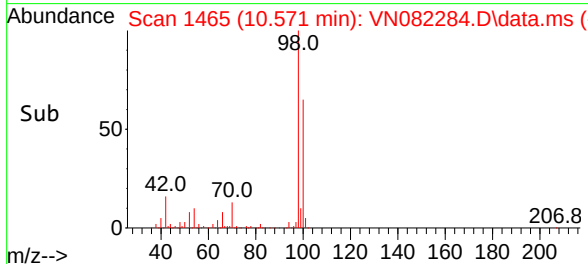
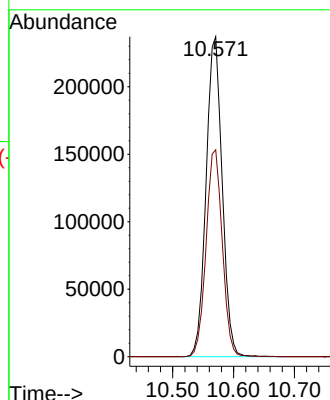
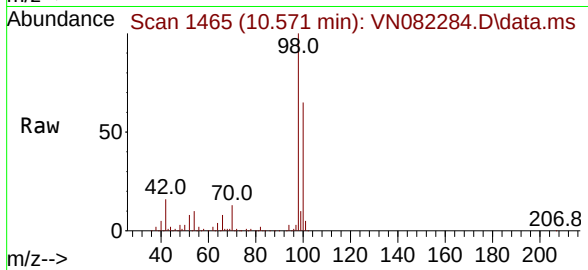




#50
Toluene-d8
Concen: 53.323 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082284.D
Acq: 22 May 2024 11:23

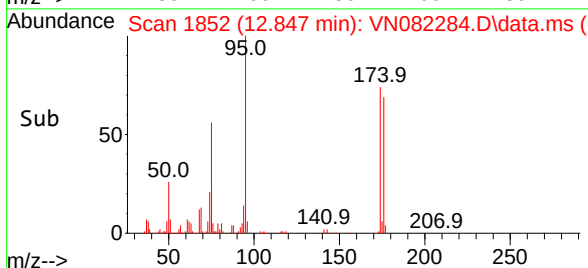
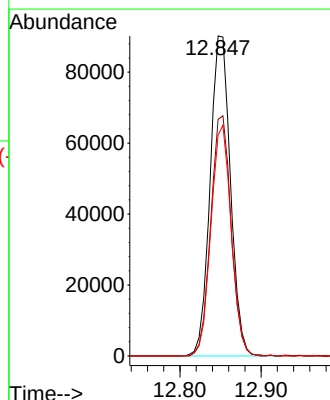
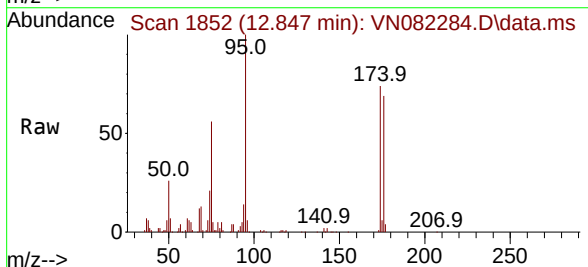
Instrument :
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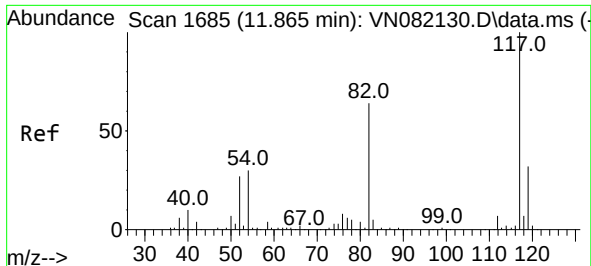
Tgt Ion: 98 Resp: 435215
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.848 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082284.D
Acq: 22 May 2024 11:23

Tgt Ion: 95 Resp: 156868
Ion Ratio Lower Upper
95 100
174 75.0 0.0 160.6
176 71.6 0.0 152.8

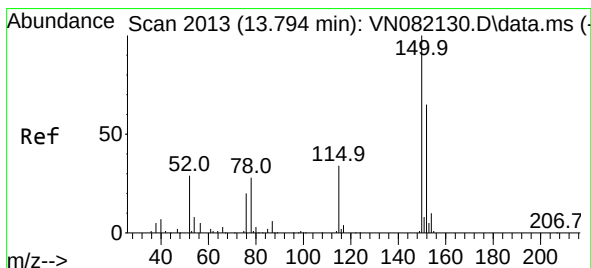
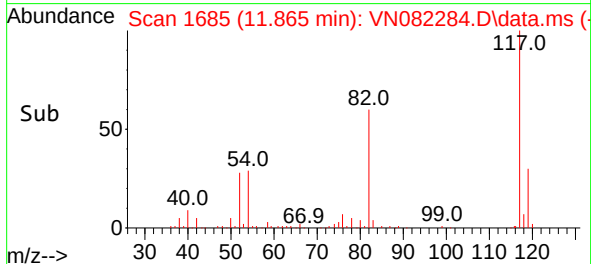
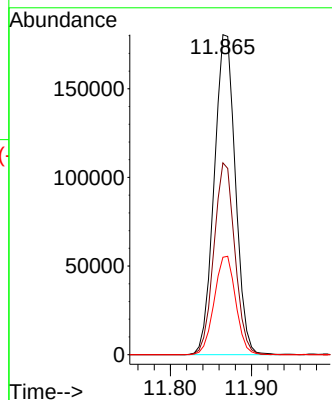
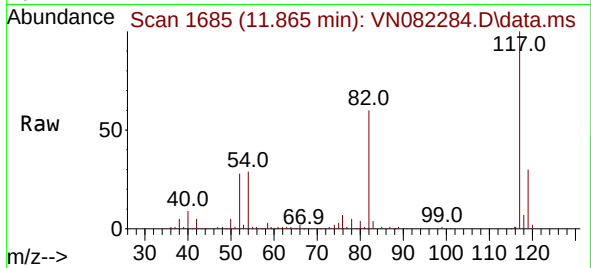




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082284.D
Acq: 22 May 2024 11:23

Instrument :
MSVOA_N
ClientSampleId :
VN0522WBL01

Tgt Ion:117 Resp: 327767
Ion Ratio Lower Upper
117 100
82 59.9 44.6 66.8
119 30.5 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: VN082284.D
Acq: 22 May 2024 11:23

Tgt Ion:152 Resp: 140725
Ion Ratio Lower Upper
152 100
115 61.5 30.4 91.3
150 156.4 0.0 353.2

