

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061424\
 Data File : VN082575.D
 Acq On : 14 Jun 2024 12:00
 Operator : JC\MD
 Sample : VN0614WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0614WBL01

Quant Time: Jun 14 23:43:34 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	177912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	327165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	313606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127995	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	146272	52.067	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.140%
35) Dibromofluoromethane	8.171	113	106929	53.131	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.260%
50) Toluene-d8	10.571	98	398627	51.662	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.320%
62) 4-Bromofluorobenzene	12.853	95	131356	47.696	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	95.400%

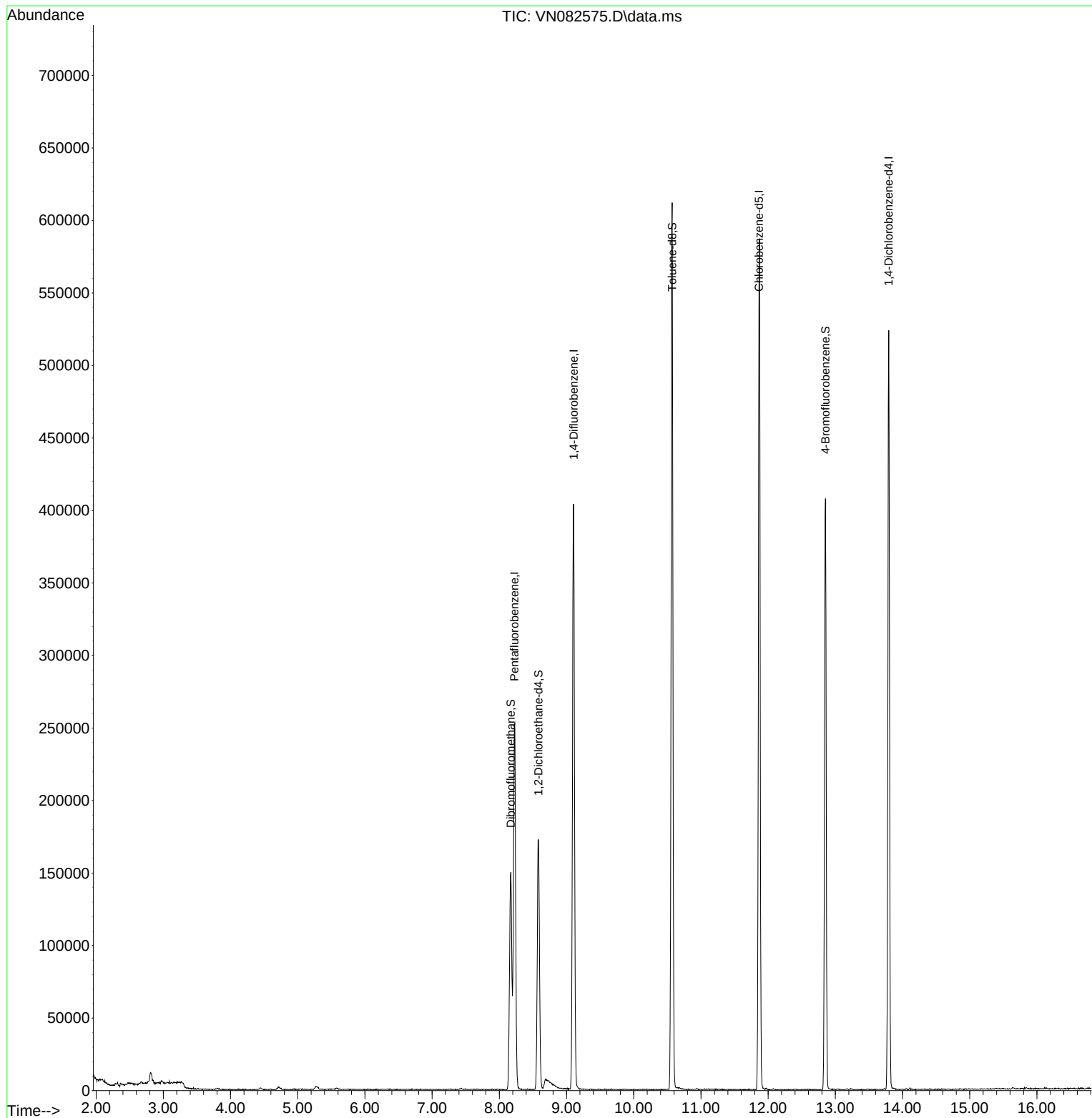
Target Compounds	Qvalue

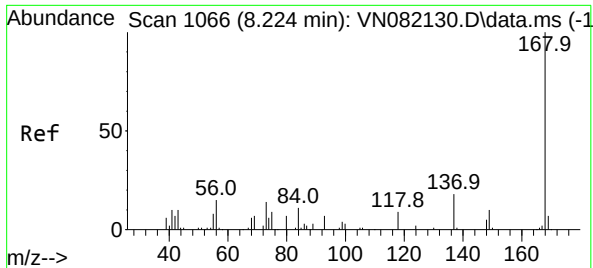
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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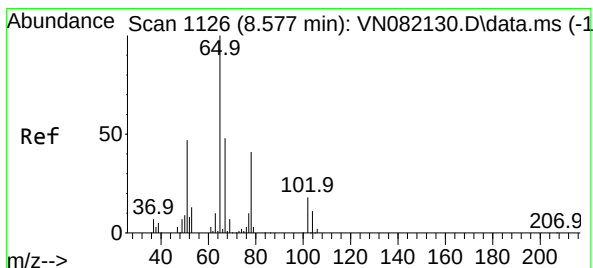
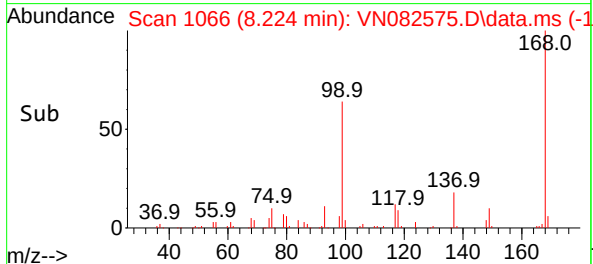
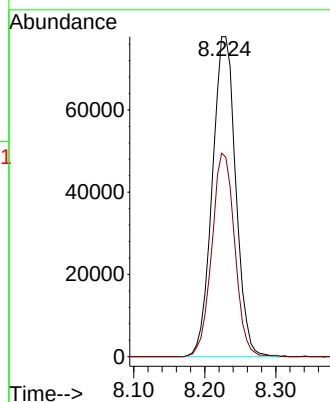
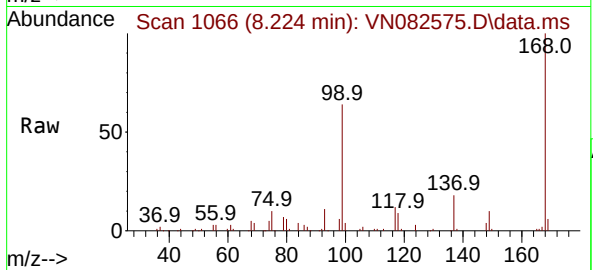




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082575.D
Acq: 14 Jun 2024 12:00

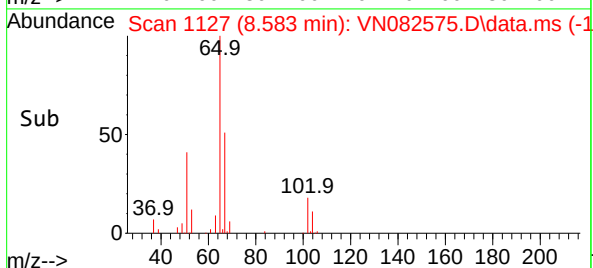
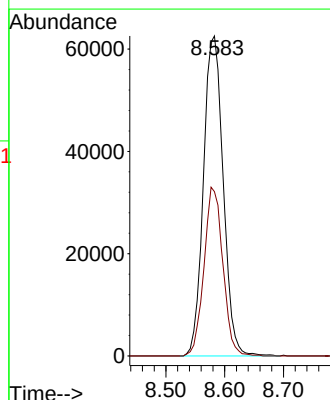
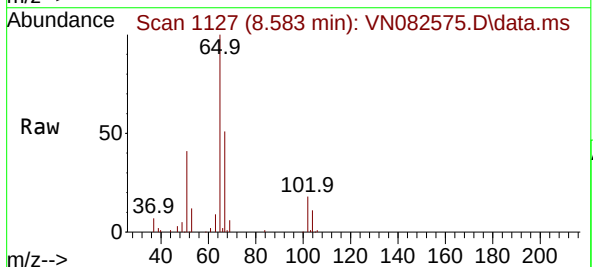
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBL01

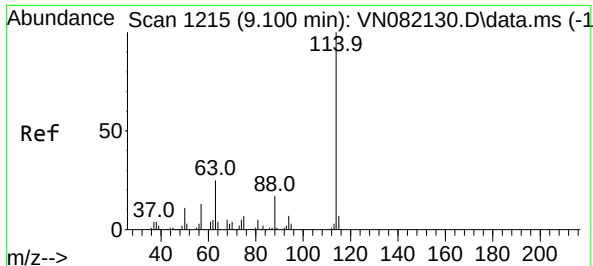
Tgt Ion:168 Resp: 177912
Ion Ratio Lower Upper
168 100
99 63.6 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 52.067 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082575.D
Acq: 14 Jun 2024 12:00

Tgt Ion: 65 Resp: 146272
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082575.D

Acq: 14 Jun 2024 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0614WBL01

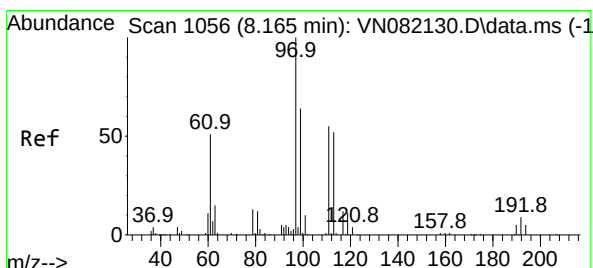
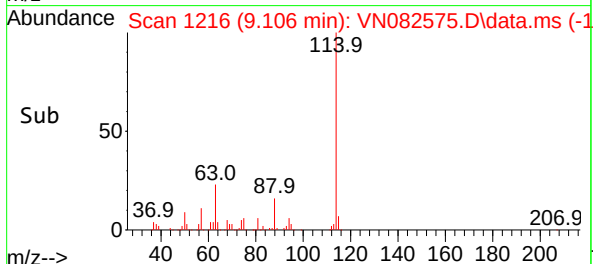
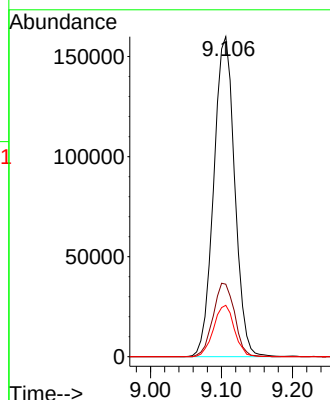
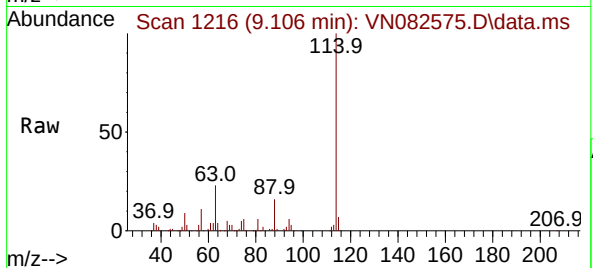
Tgt Ion:114 Resp: 327165

Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.0

88 16.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.131 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082575.D

Acq: 14 Jun 2024 12:00

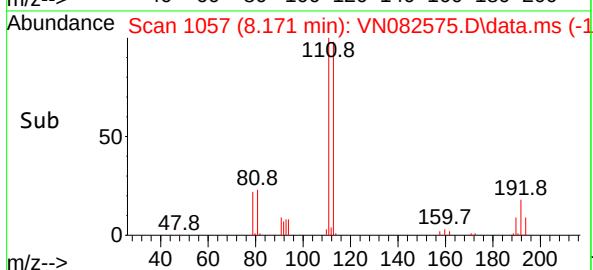
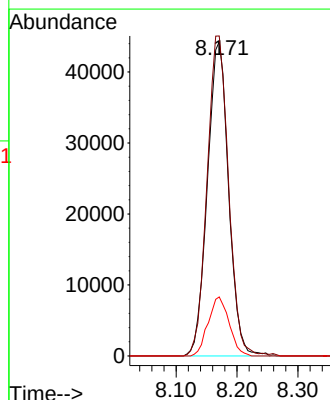
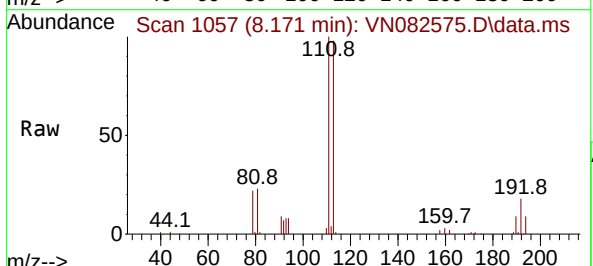
Tgt Ion:113 Resp: 106929

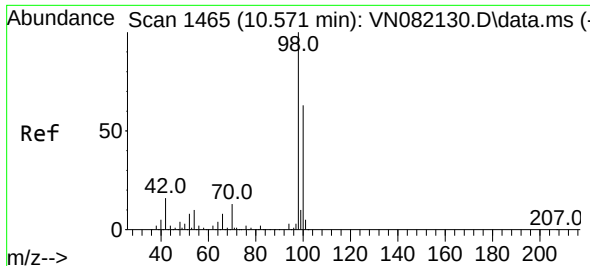
Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.2

192 18.6 14.0 21.0

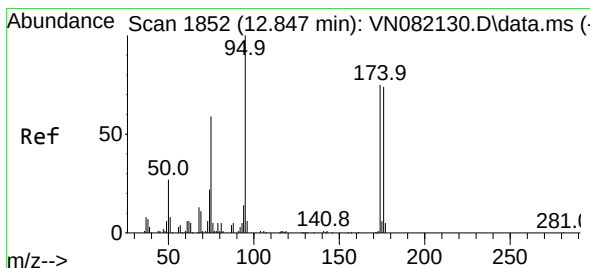
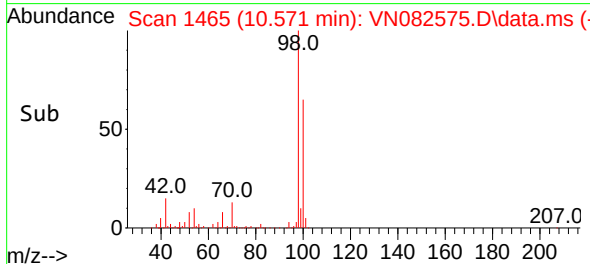
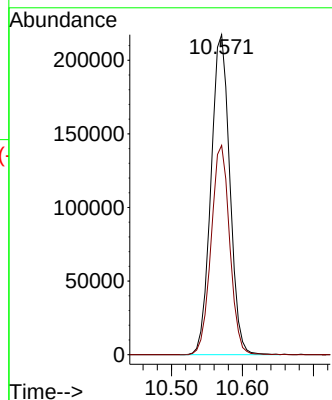
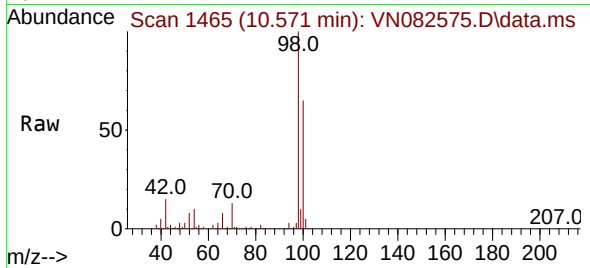




#50
Toluene-d8
Concen: 51.662 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082575.D
Acq: 14 Jun 2024 12:00

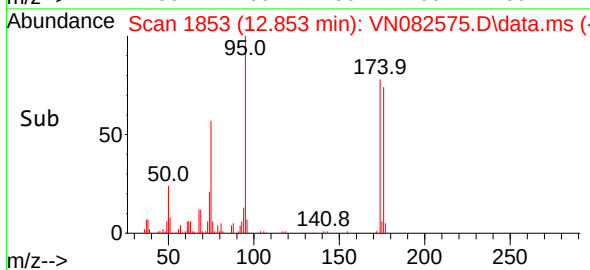
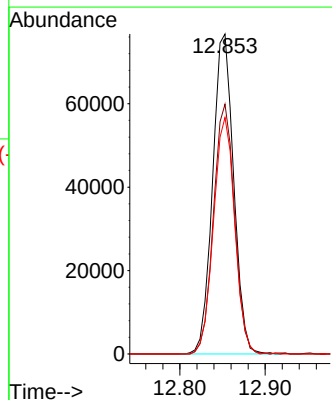
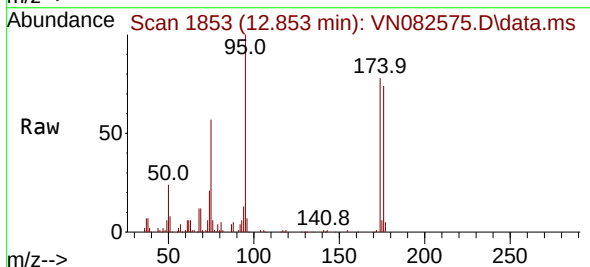
Instrument :
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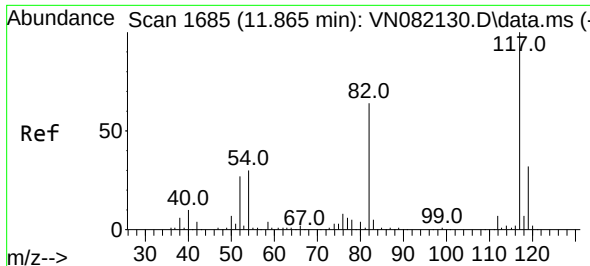
Tgt Ion: 98 Resp: 398627
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.696 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082575.D
Acq: 14 Jun 2024 12:00

Tgt Ion: 95 Resp: 131356
Ion Ratio Lower Upper
95 100
174 78.3 0.0 160.6
176 74.6 0.0 152.8

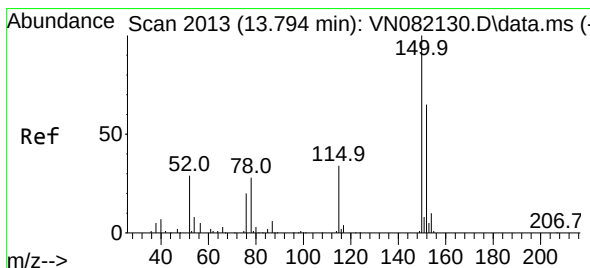
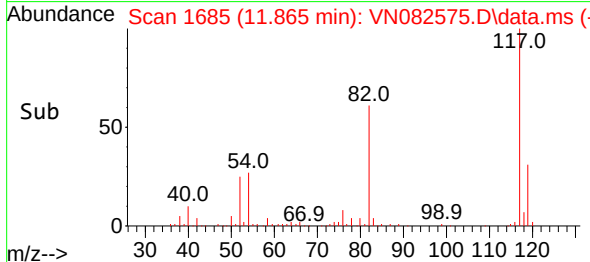
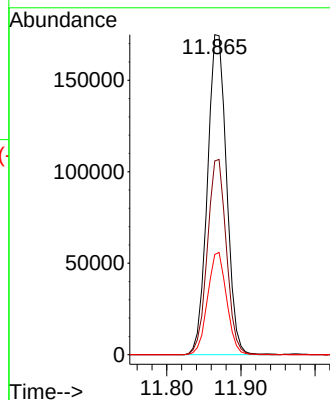
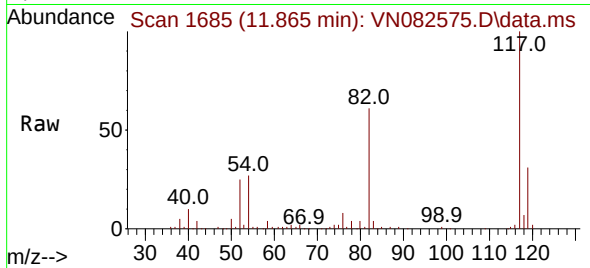




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN082575.D
Acq: 14 Jun 2024 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0614WBL01

Tgt Ion:117 Resp: 313606
Ion Ratio Lower Upper
117 100
82 60.5 44.6 66.8
119 31.3 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: VN082575.D
Acq: 14 Jun 2024 12:00

Tgt Ion:152 Resp: 127995
Ion Ratio Lower Upper
152 100
115 61.6 30.4 91.3
150 161.2 0.0 353.2

