

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071524\
 Data File : VN082917.D
 Acq On : 15 Jul 2024 14:13
 Operator : JC\MD
 Sample : VN0715WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBL01

Quant Time: Jul 16 01:24:06 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	92664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	177669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	172676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	69173	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	78134	60.151	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	120.300%
35) Dibromofluoromethane	8.171	113	63611	55.796	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.600%
50) Toluene-d8	10.571	98	217131	51.566	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.140%
62) 4-Bromofluorobenzene	12.853	95	70299	46.477	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	92.960%

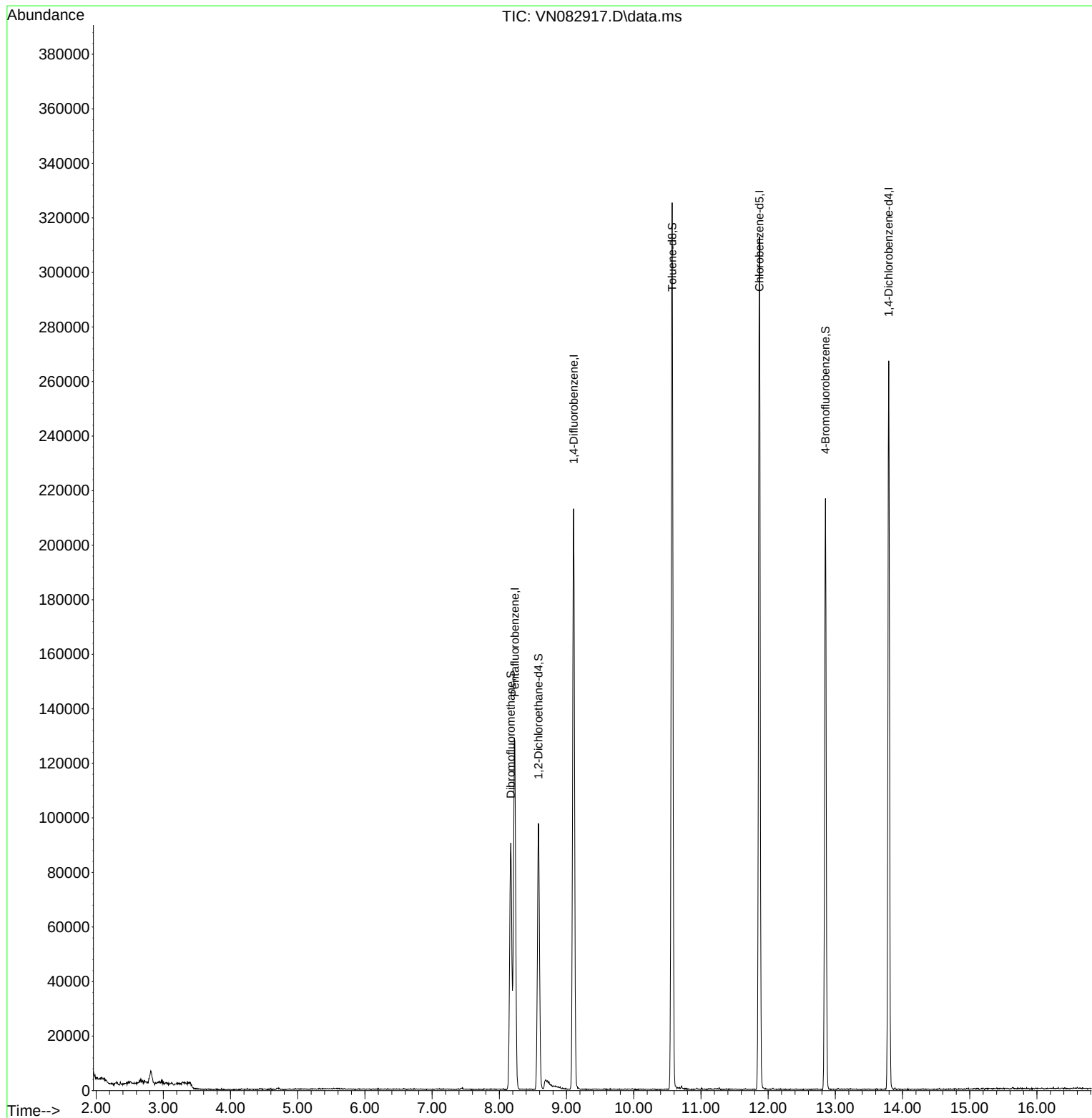
Target Compounds	Qvalue

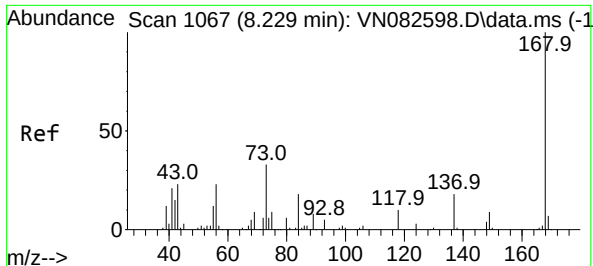
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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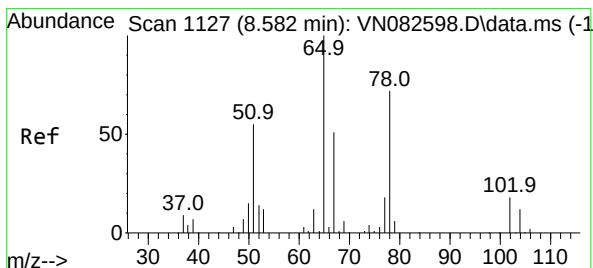
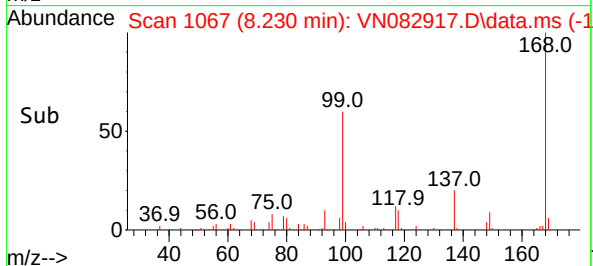
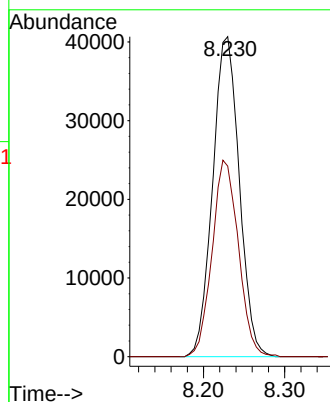
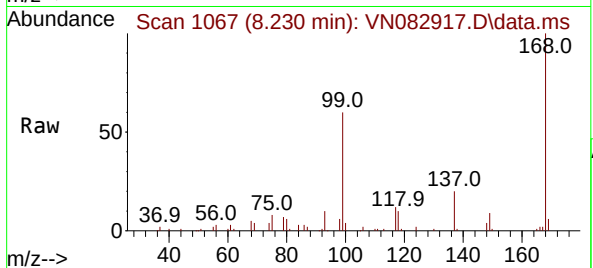




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082917.D
Acq: 15 Jul 2024 14:13

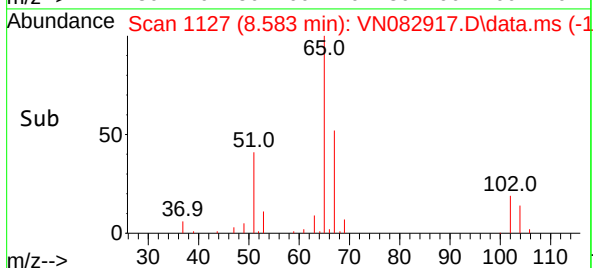
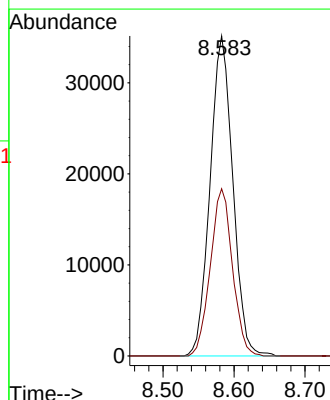
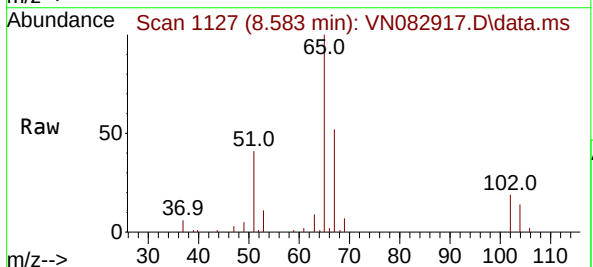
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBL01

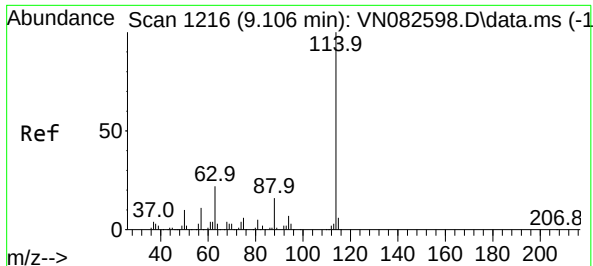
Tgt Ion:168 Resp: 92664
Ion Ratio Lower Upper
168 100
99 59.6 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 60.151 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082917.D
Acq: 15 Jul 2024 14:13

Tgt Ion: 65 Resp: 78134
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082917.D

Acq: 15 Jul 2024 14:13

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBL01

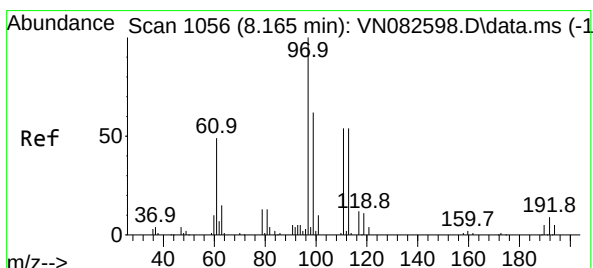
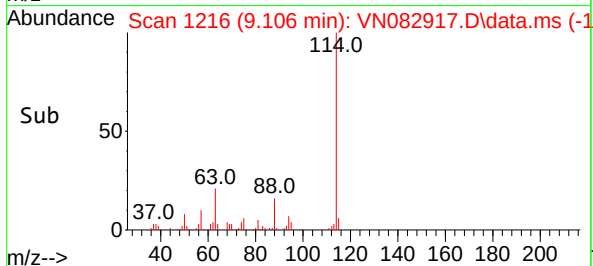
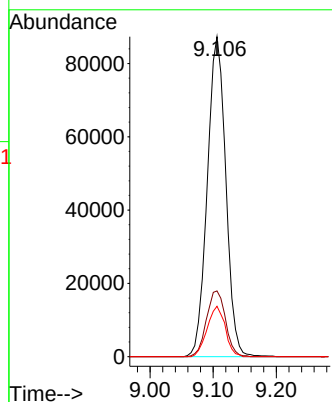
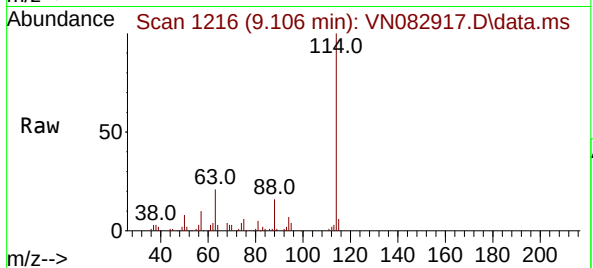
Tgt Ion:114 Resp: 177669

Ion Ratio Lower Upper

114 100

63 20.6 0.0 44.6

88 15.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 55.796 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082917.D

Acq: 15 Jul 2024 14:13

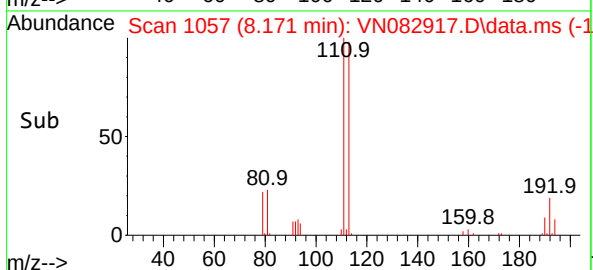
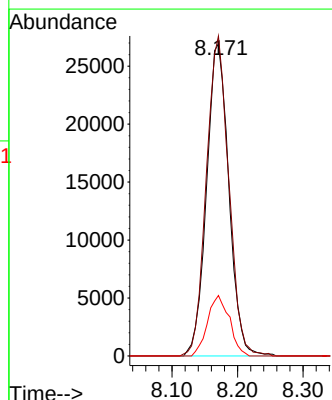
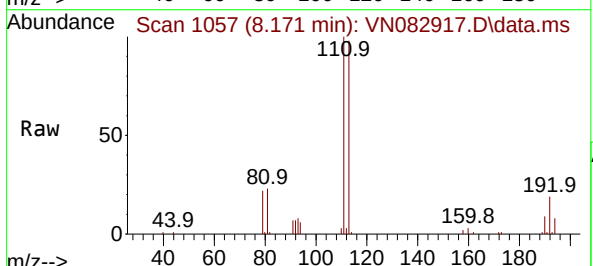
Tgt Ion:113 Resp: 63611

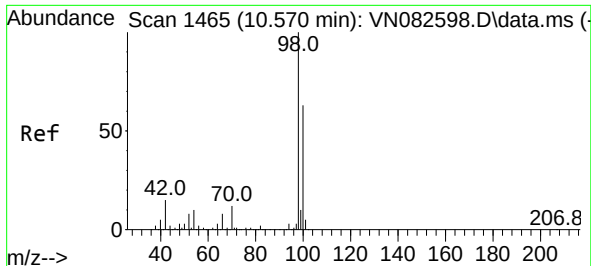
Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

192 19.1 14.9 22.3

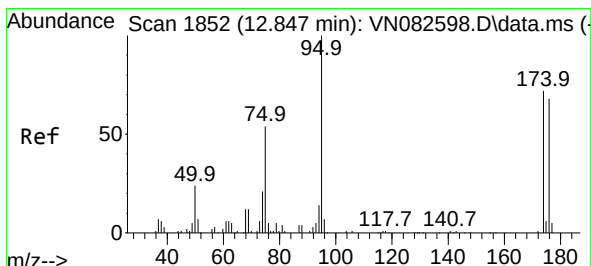
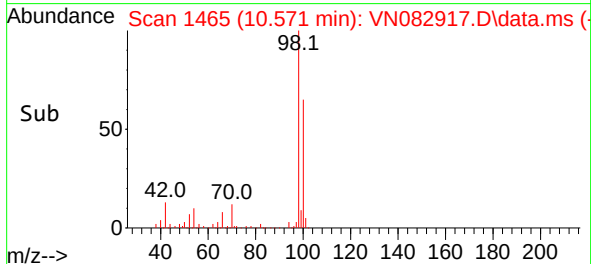
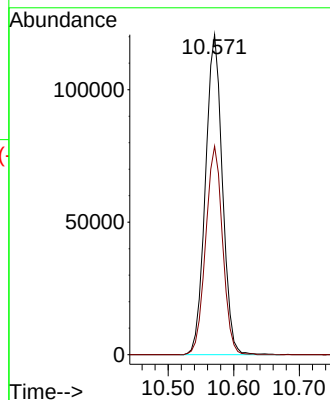
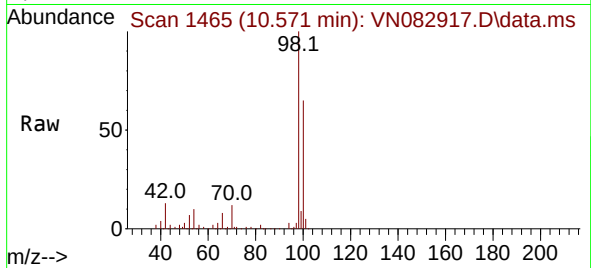




#50
Toluene-d8
Concen: 51.566 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082917.D
Acq: 15 Jul 2024 14:13

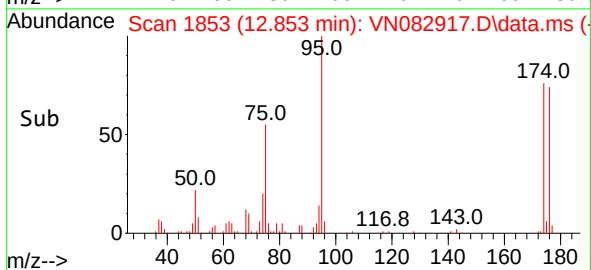
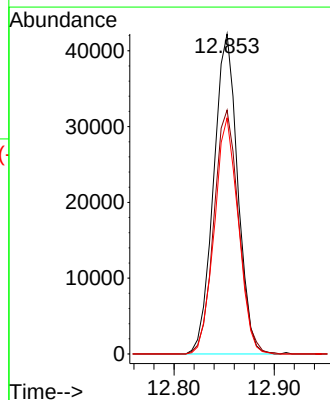
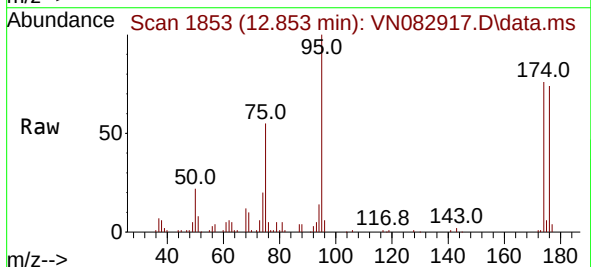
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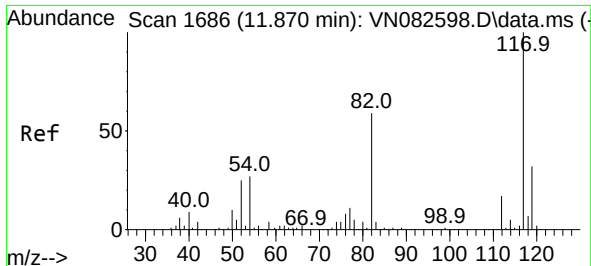
Tgt Ion: 98 Resp: 217131
Ion Ratio Lower Upper
98 100
100 65.1 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 46.477 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082917.D
Acq: 15 Jul 2024 14:13

Tgt Ion: 95 Resp: 70299
Ion Ratio Lower Upper
95 100
174 78.7 0.0 159.2
176 73.5 0.0 147.6

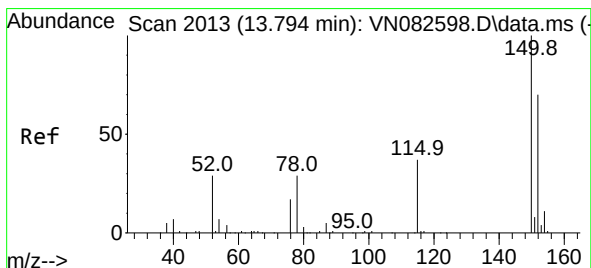
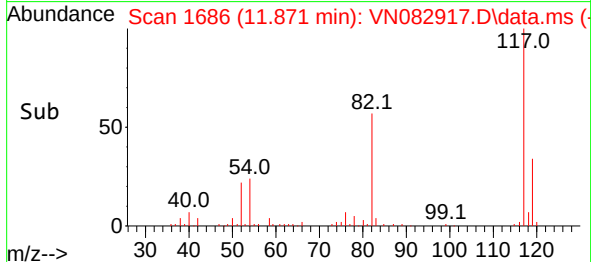
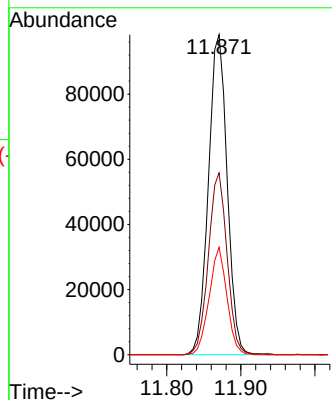
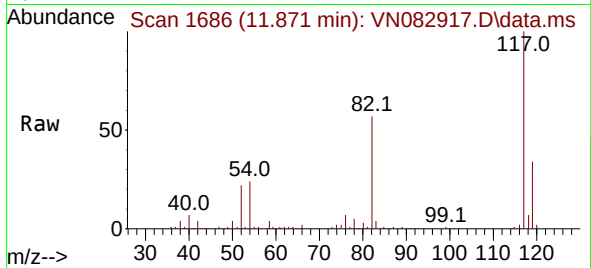




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN082917.D
Acq: 15 Jul 2024 14:13

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBL01

Tgt Ion:117 Resp: 172676
Ion Ratio Lower Upper
117 100
82 56.8 47.5 71.3
119 33.5 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: VN082917.D
Acq: 15 Jul 2024 14:13

Tgt Ion:152 Resp: 69173
Ion Ratio Lower Upper
152 100
115 59.1 30.6 91.6
150 158.9 0.0 348.6

