

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073024\
 Data File : VN083064.D
 Acq On : 30 Jul 2024 13:13
 Operator : JC\MD
 Sample : VN0730WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBL01

Quant Time: Jul 30 16:41:02 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	8.224	168	162172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	321136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	325493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	133080	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	138860	61.082	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	122.160%
35) Dibromofluoromethane	8.165	113	117708	57.122	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	114.240%
50) Toluene-d8	10.571	98	390457	51.302	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.600%
62) 4-Bromofluorobenzene	12.853	95	129303	47.296	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	94.600%

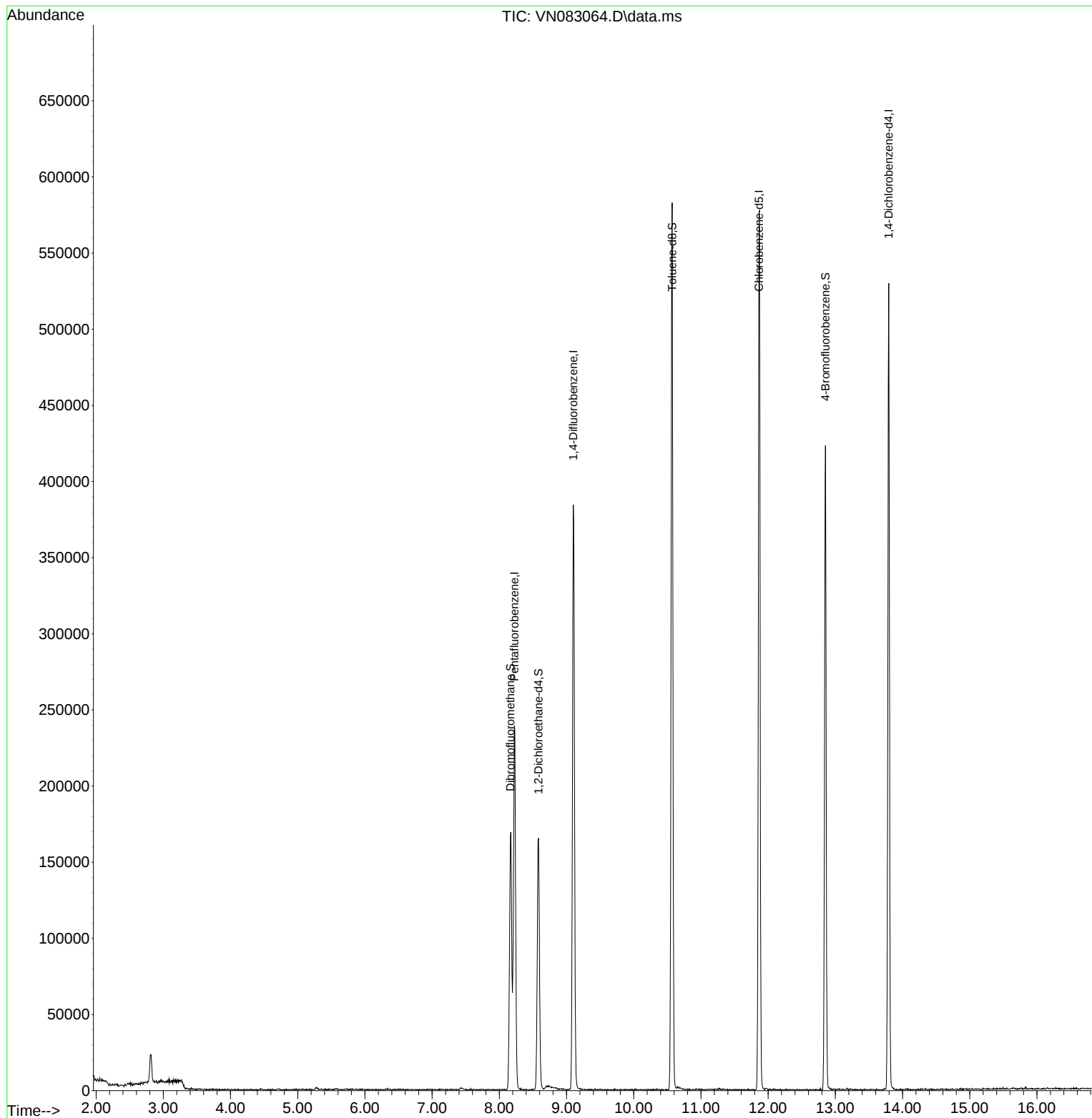
Target Compounds	Qvalue

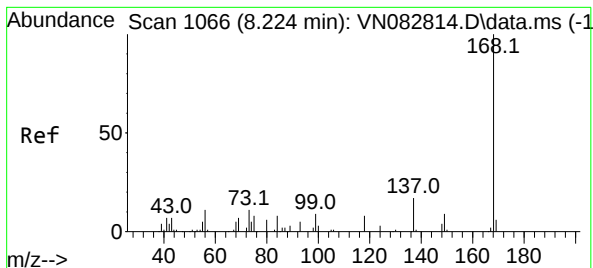
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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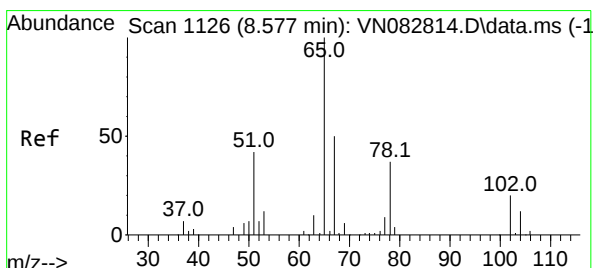
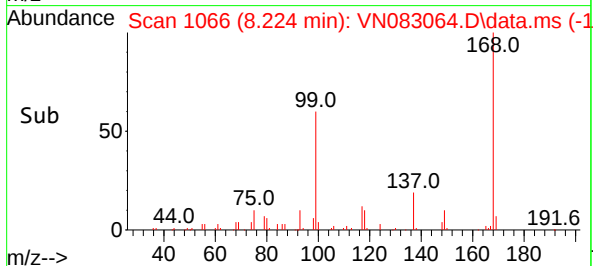
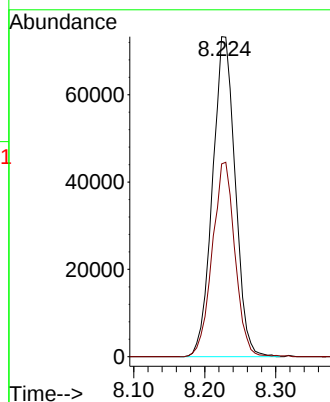
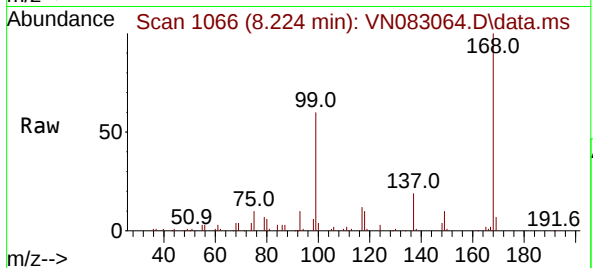




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN083064.D
Acq: 30 Jul 2024 13:13

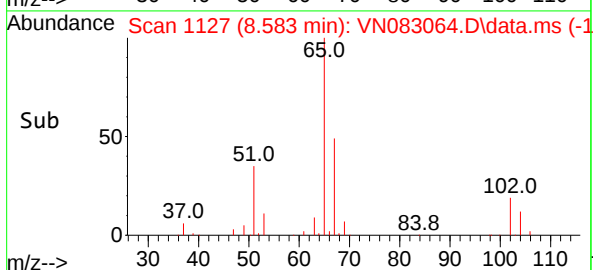
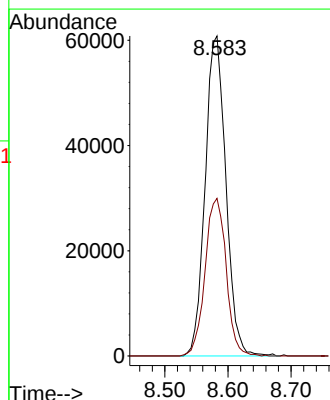
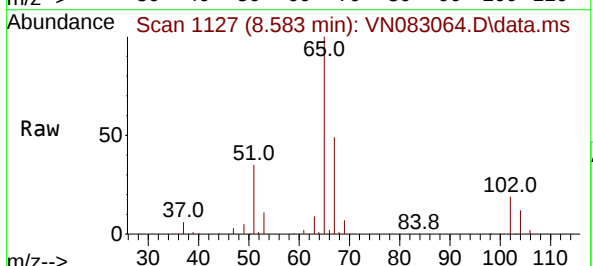
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBL01

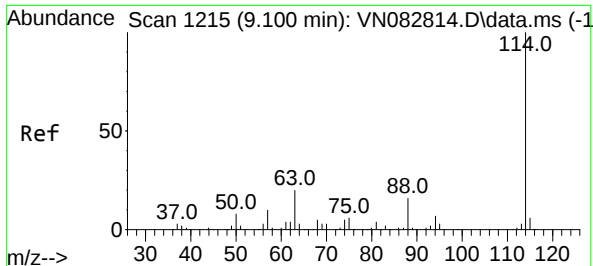
Tgt Ion:168 Resp: 162172
Ion Ratio Lower Upper
168 100
99 60.3 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 61.082 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083064.D
Acq: 30 Jul 2024 13:13

Tgt Ion: 65 Resp: 138860
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN083064.D

Acq: 30 Jul 2024 13:13

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBL01

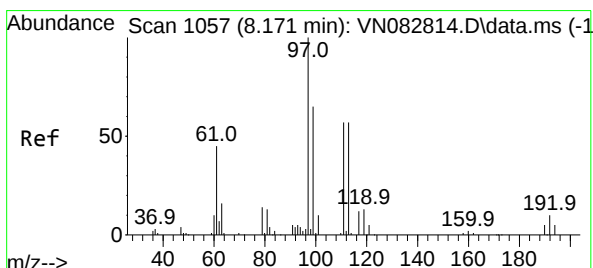
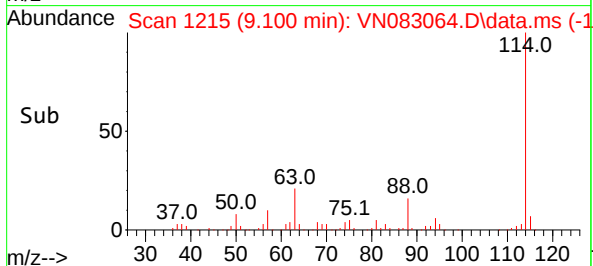
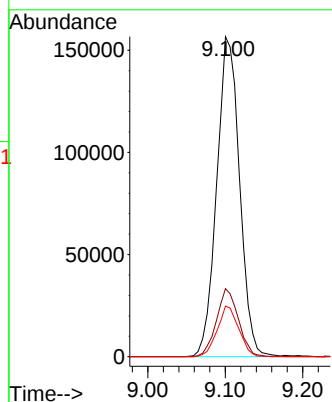
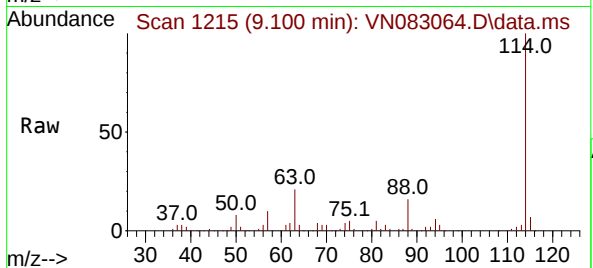
Tgt Ion:114 Resp: 321136

Ion Ratio Lower Upper

114 100

63 21.3 0.0 44.6

88 15.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 57.122 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083064.D

Acq: 30 Jul 2024 13:13

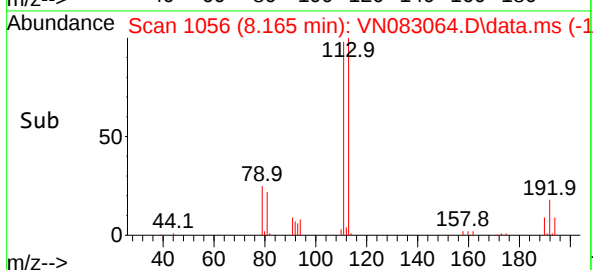
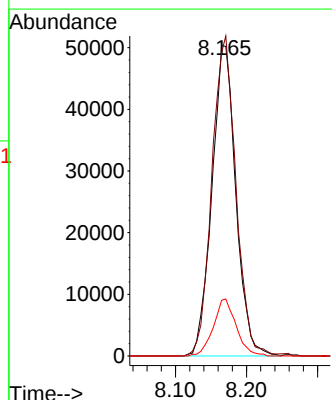
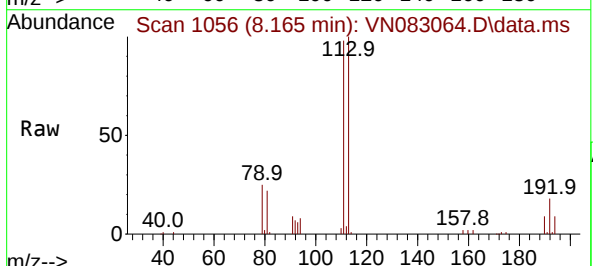
Tgt Ion:113 Resp: 117708

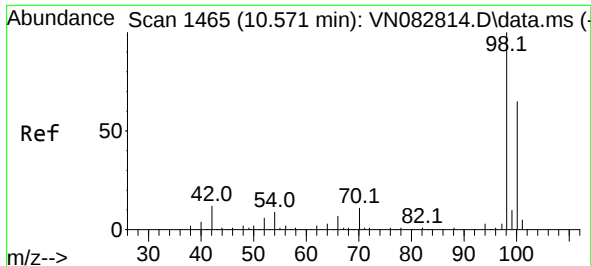
Ion Ratio Lower Upper

113 100

111 103.3 82.4 123.6

192 17.5 14.9 22.3

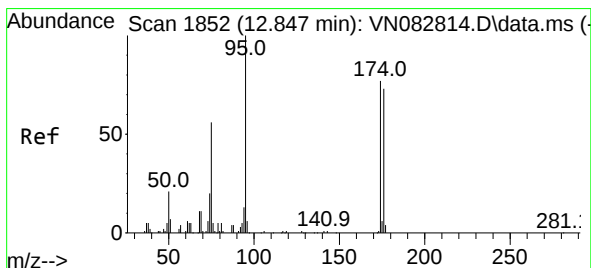
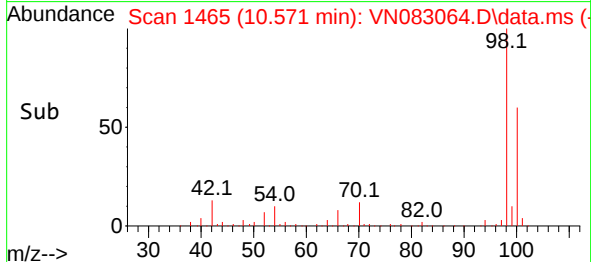
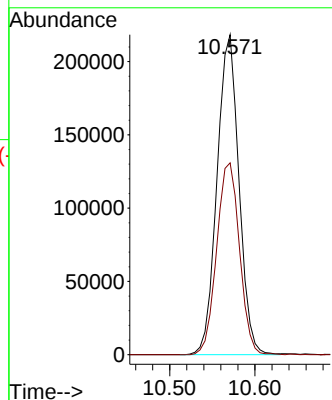
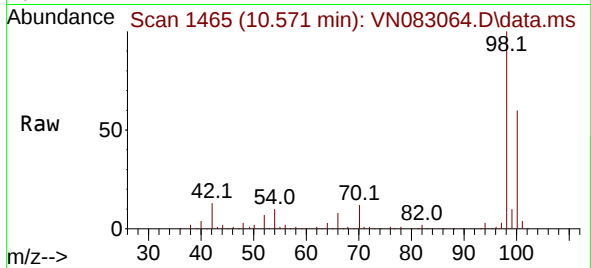




#50
Toluene-d8
Concen: 51.302 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN083064.D
Acq: 30 Jul 2024 13:13

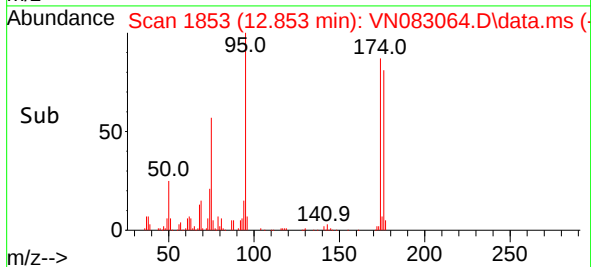
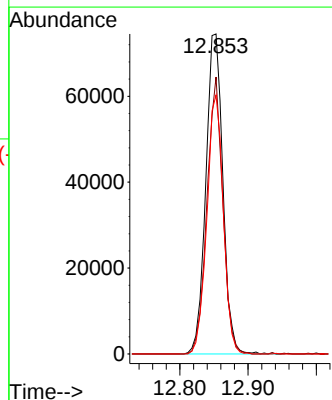
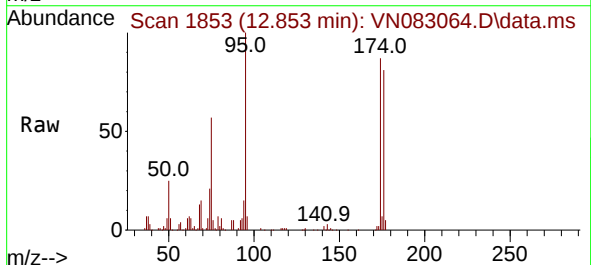
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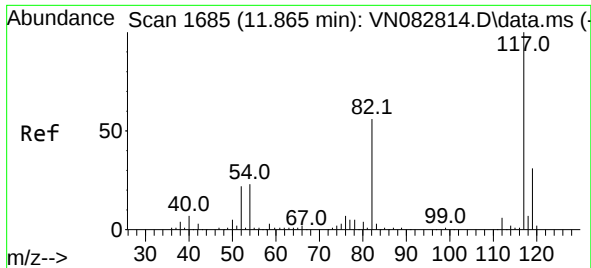
Tgt Ion: 98 Resp: 390457
Ion Ratio Lower Upper
98 100
100 62.4 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 47.296 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083064.D
Acq: 30 Jul 2024 13:13

Tgt Ion: 95 Resp: 129303
Ion Ratio Lower Upper
95 100
174 80.9 0.0 159.2
176 78.1 0.0 147.6

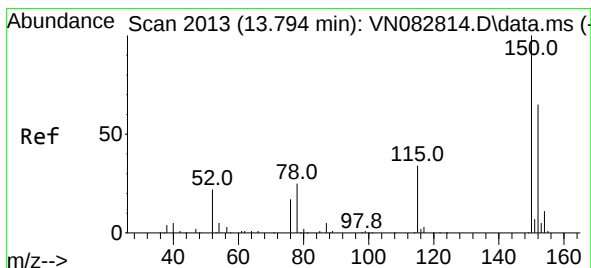
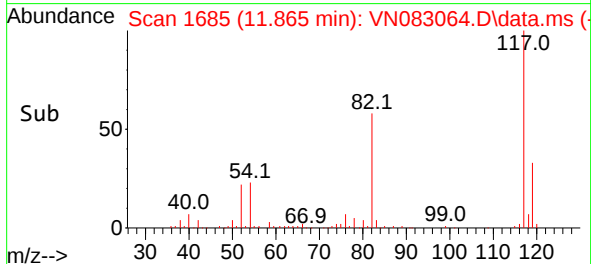
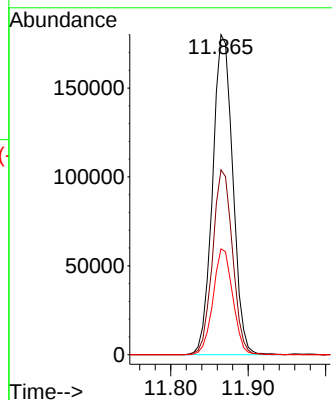
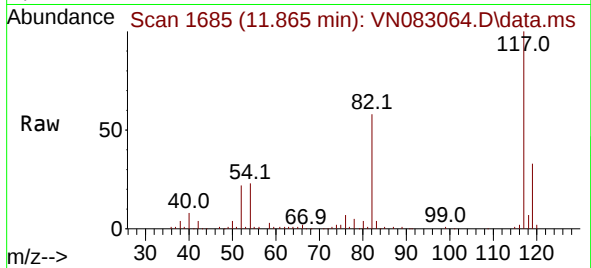




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN083064.D
Acq: 30 Jul 2024 13:13

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBL01

Tgt Ion:117 Resp: 325493
Ion Ratio Lower Upper
117 100
82 57.7 47.5 71.3
119 33.0 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: VN083064.D
Acq: 30 Jul 2024 13:13

Tgt Ion:152 Resp: 133080
Ion Ratio Lower Upper
152 100
115 61.0 30.6 91.6
150 156.7 0.0 348.6

