

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072624\
 Data File : VN083050.D
 Acq On : 26 Jul 2024 14:34
 Operator : JC\MD
 Sample : P3323-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Jul 26 23:06:59 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	149053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	288056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	302486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120509	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	125037	59.843	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.680%
35) Dibromofluoromethane	8.171	113	105890	57.288	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	114.580%
50) Toluene-d8	10.571	98	353601	51.795	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.580%
62) 4-Bromofluorobenzene	12.853	95	115387	47.052	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	94.100%

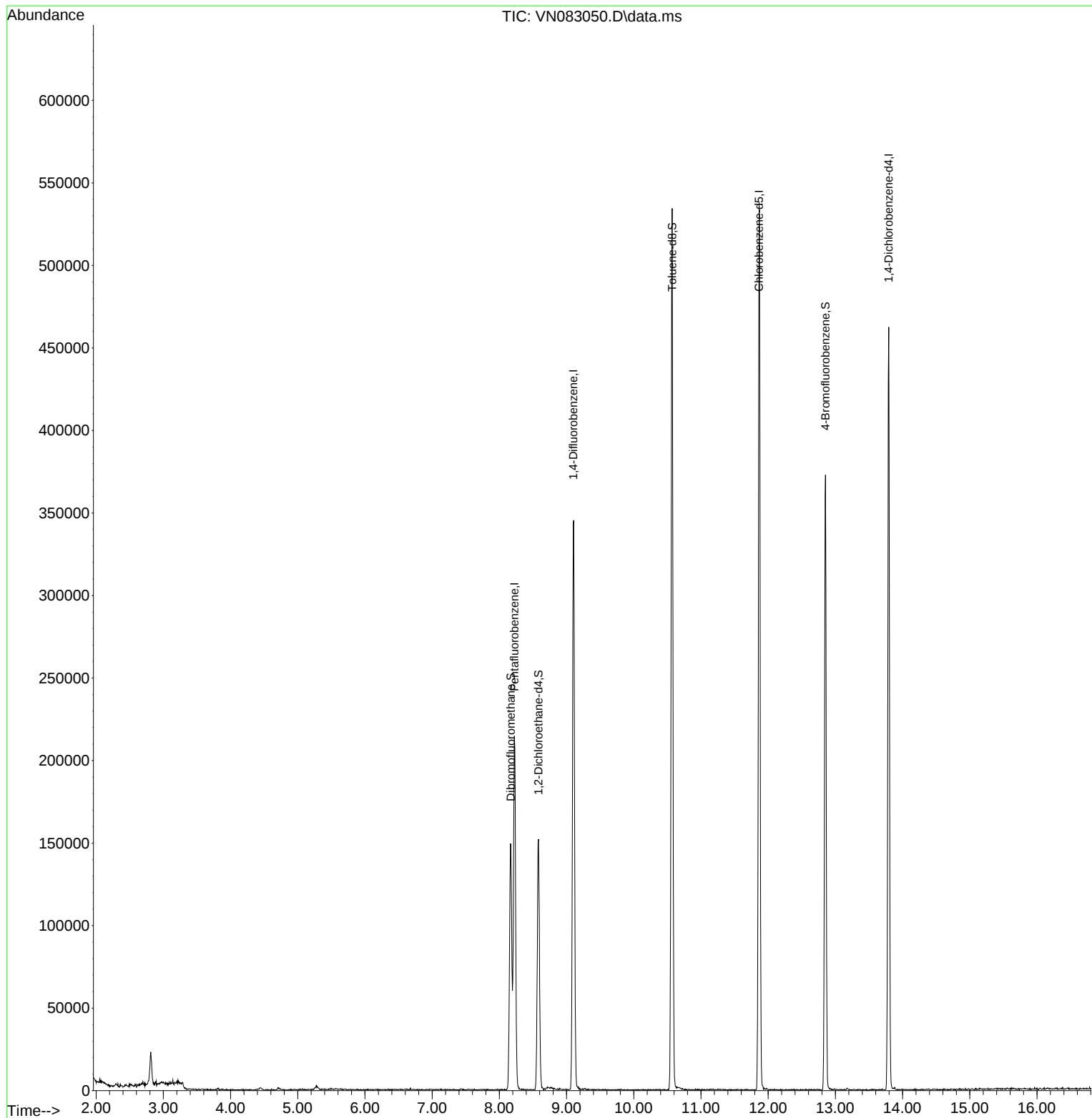
Target Compounds	Qvalue

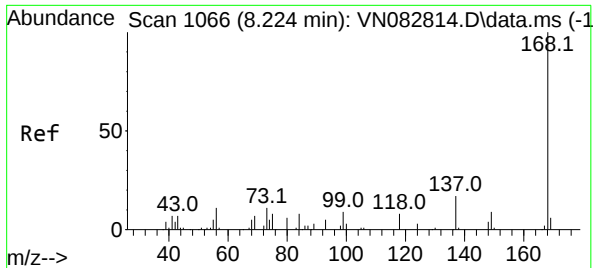
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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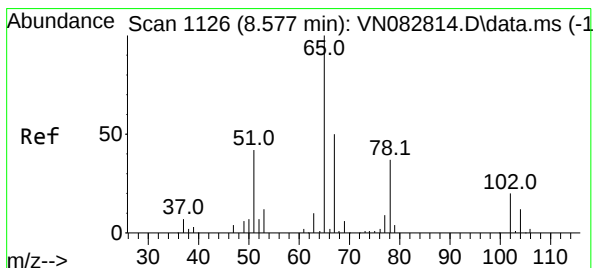
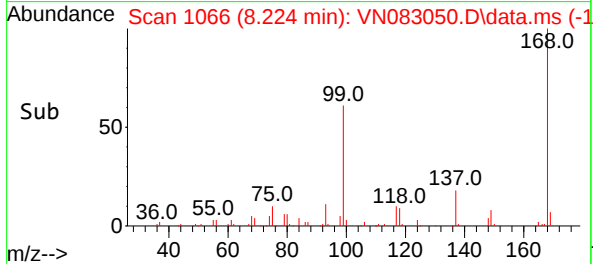
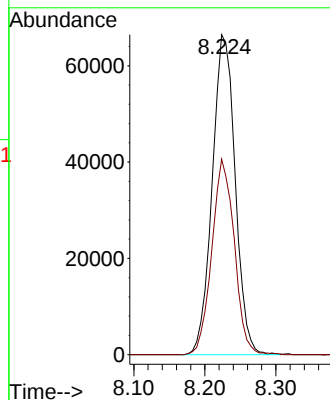
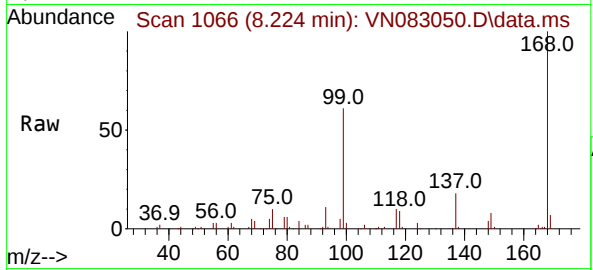




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN083050.D
Acq: 26 Jul 2024 14:34

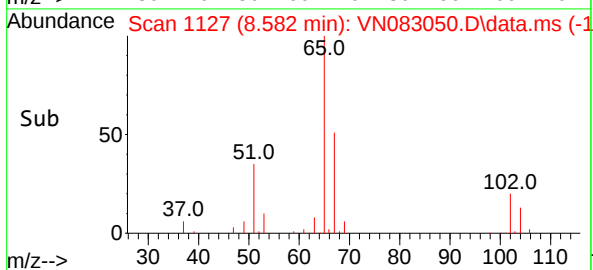
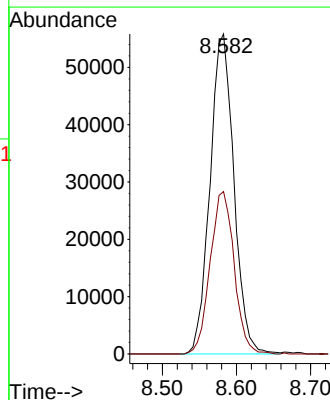
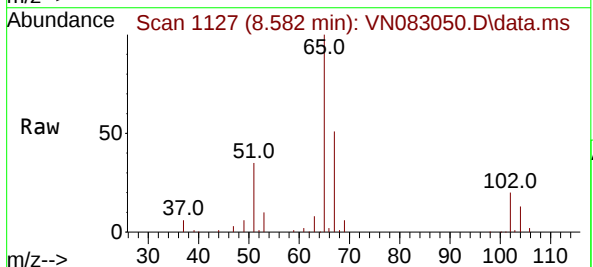
Instrument : MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

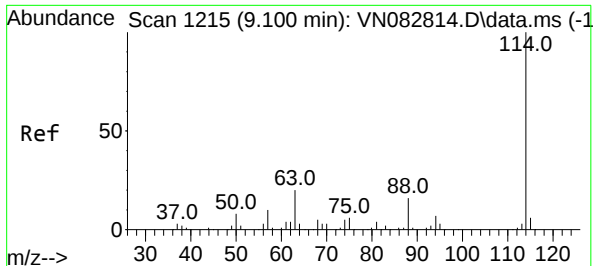
Tgt Ion:168 Resp: 149053
Ion Ratio Lower Upper
168 100
99 61.1 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 59.843 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083050.D
Acq: 26 Jul 2024 14:34

Tgt Ion: 65 Resp: 125037
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.4

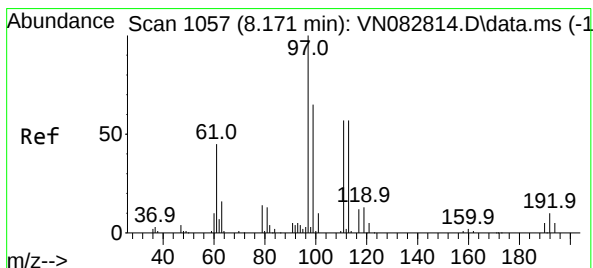
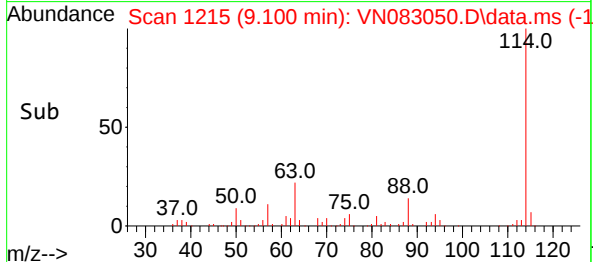
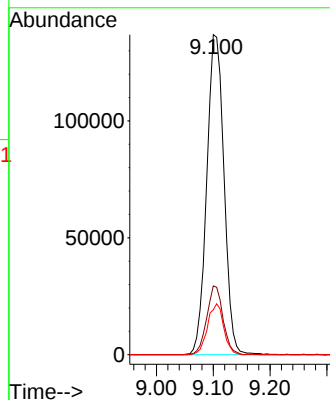
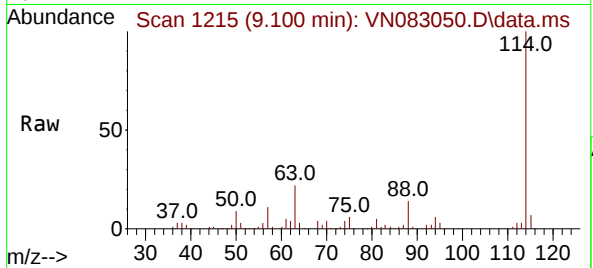




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083050.D
Acq: 26 Jul 2024 14:34

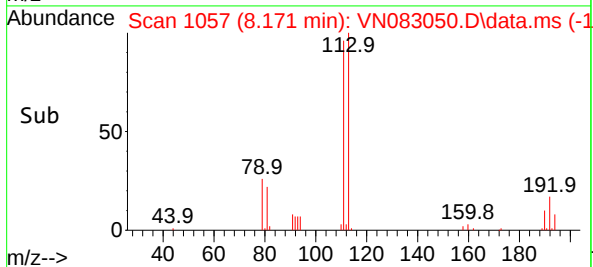
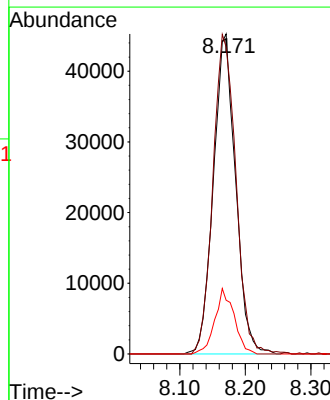
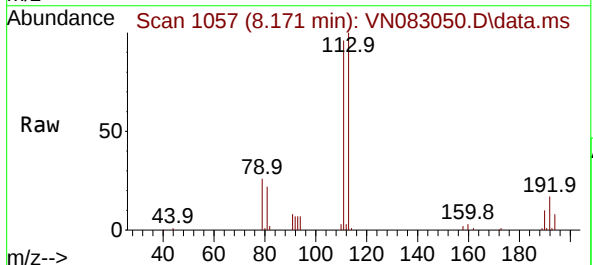
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

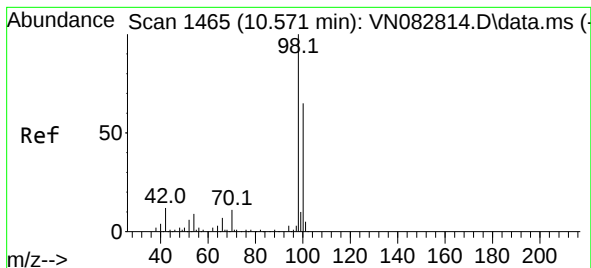
Tgt Ion:114 Resp: 288056
Ion Ratio Lower Upper
114 100
63 21.5 0.0 44.6
88 14.0 0.0 31.4



#35
Dibromofluoromethane
Concen: 57.288 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083050.D
Acq: 26 Jul 2024 14:34

Tgt Ion:113 Resp: 105890
Ion Ratio Lower Upper
113 100
111 103.4 82.4 123.6
192 17.8 14.9 22.3





#50

Toluene-d8

Concen: 51.795 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN083050.D

Acq: 26 Jul 2024 14:34

Instrument :

MSVOA_N

ClientSampleId :

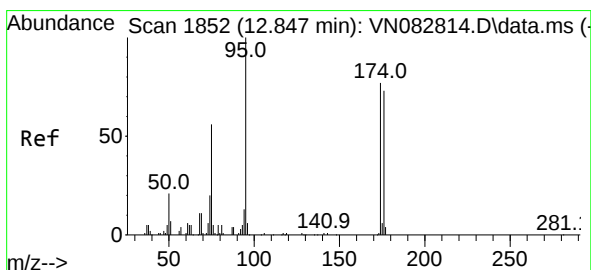
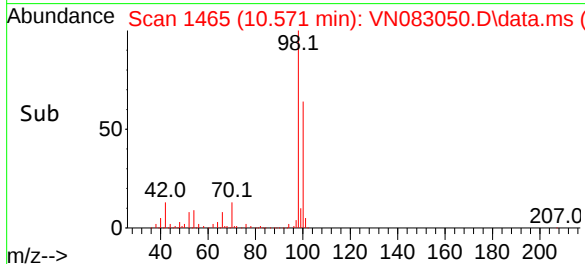
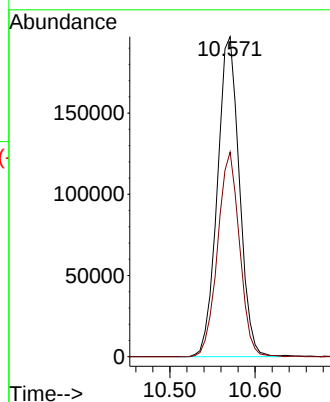
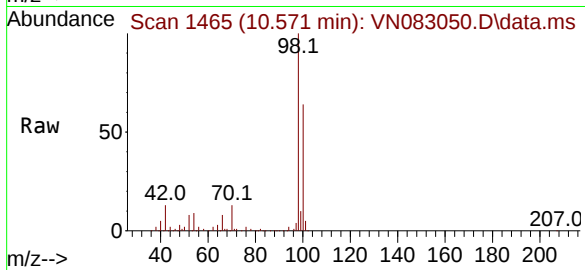
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 98 Resp: 353601

Ion Ratio Lower Upper

98 100

100 63.5 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 47.052 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN083050.D

Acq: 26 Jul 2024 14:34

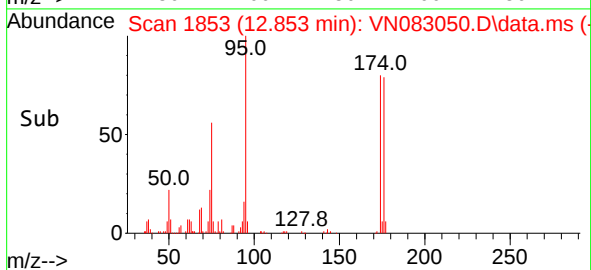
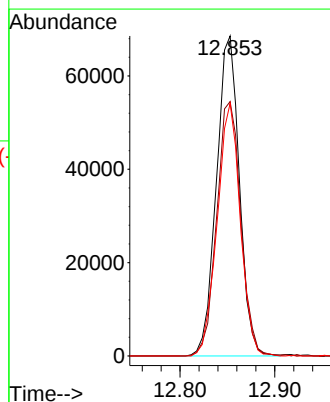
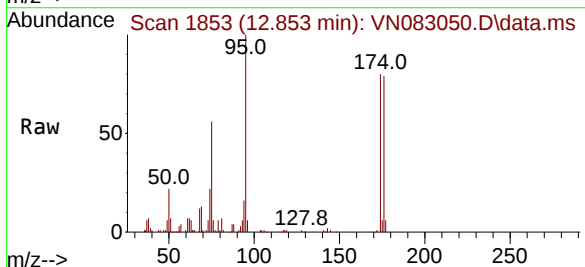
Tgt Ion: 95 Resp: 115387

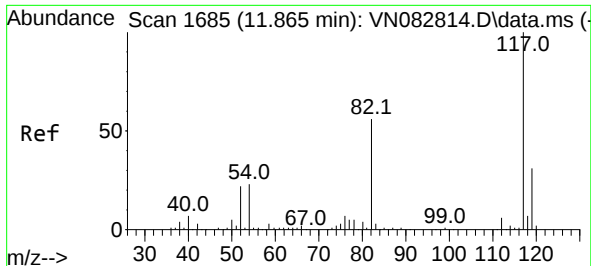
Ion Ratio Lower Upper

95 100

174 83.6 0.0 159.2

176 79.2 0.0 147.6

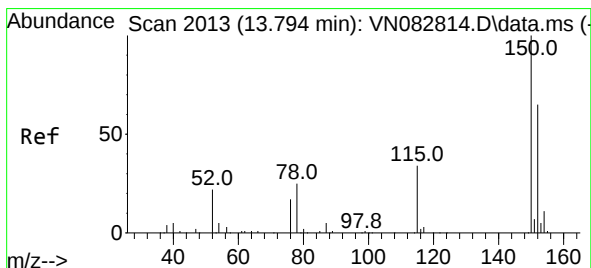
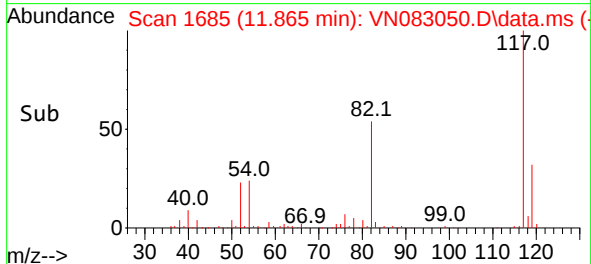
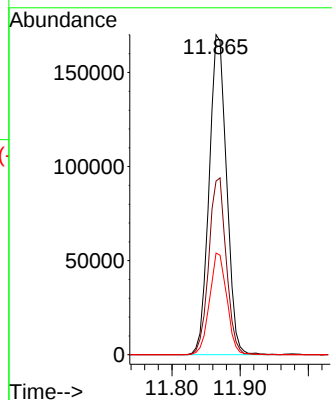
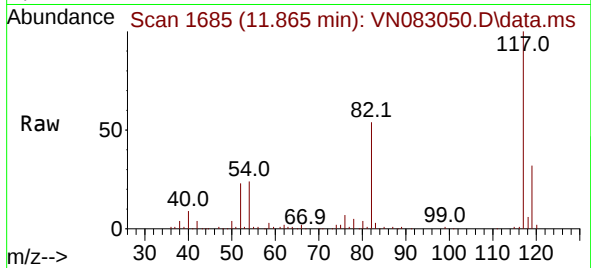




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN083050.D
Acq: 26 Jul 2024 14:34

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion:117 Resp: 302486
Ion Ratio Lower Upper
117 100
82 54.3 47.5 71.3
119 31.7 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: VN083050.D
Acq: 26 Jul 2024 14:34

Tgt Ion:152 Resp: 120509
Ion Ratio Lower Upper
152 100
115 59.6 30.6 91.6
150 158.1 0.0 348.6

