

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072224\
 Data File : VN083006.D
 Acq On : 22 Jul 2024 16:00
 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 23 03:52:01 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	70356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	137379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	141583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	55028	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	55178	55.947	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.900%
35) Dibromofluoromethane	8.165	113	47179	53.520	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.040%
50) Toluene-d8	10.571	98	159267	48.916	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.840%
62) 4-Bromofluorobenzene	12.847	95	52184	44.619	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	89.240%

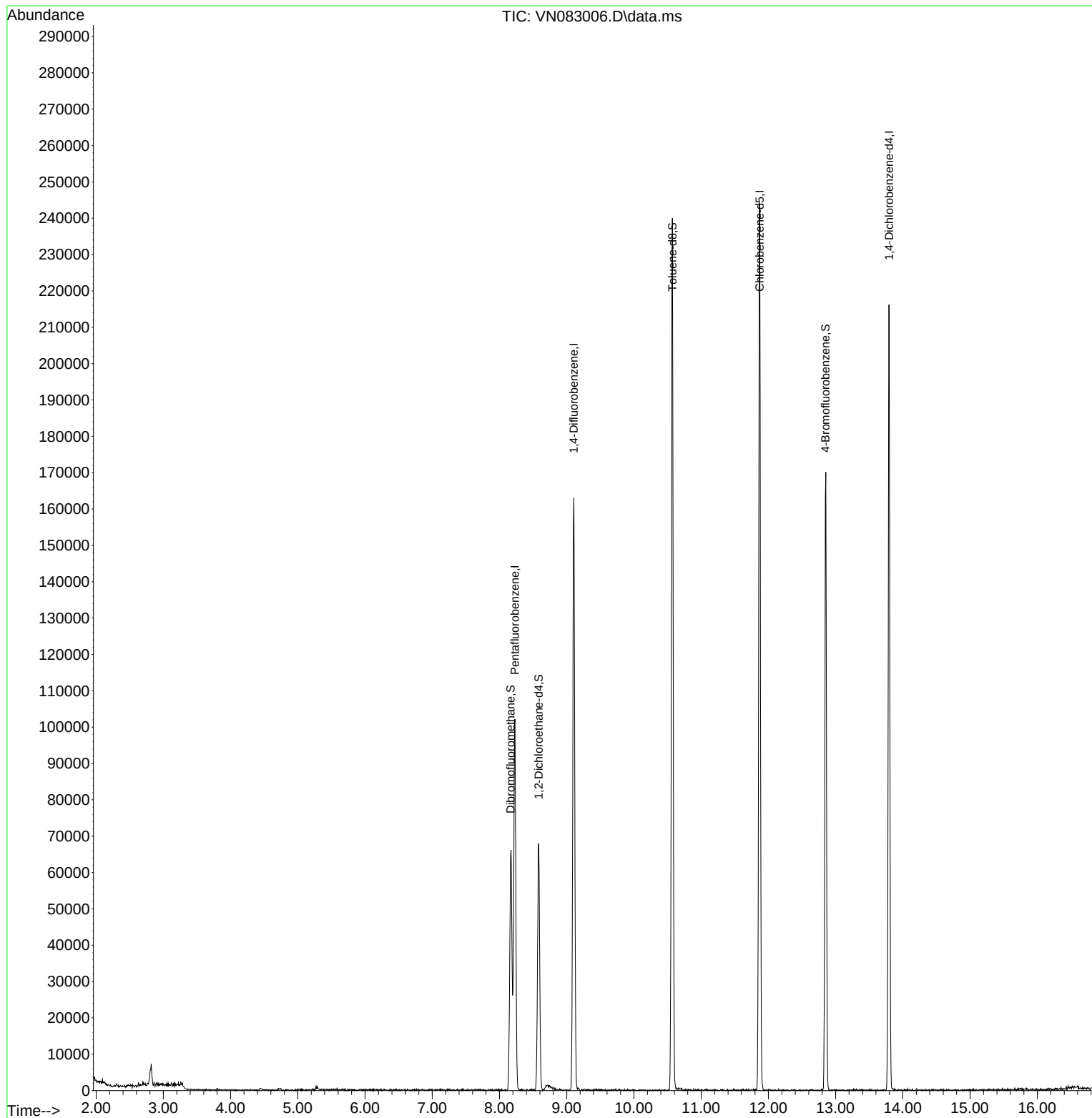
Target Compounds	Qvalue

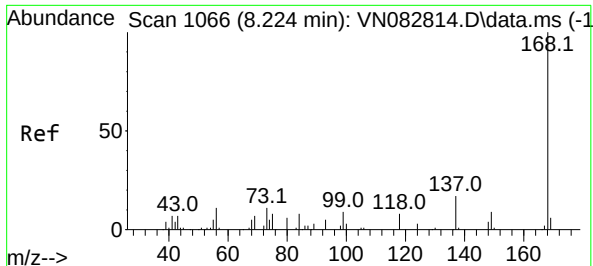
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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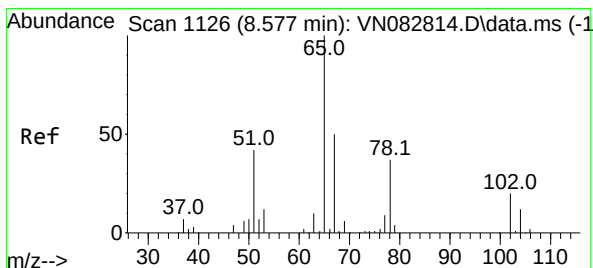
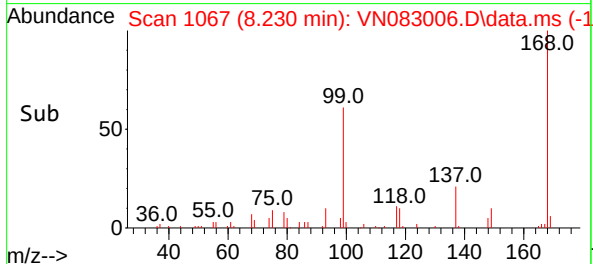
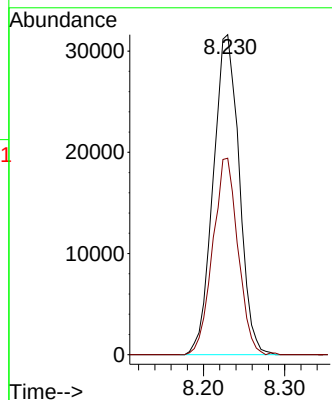
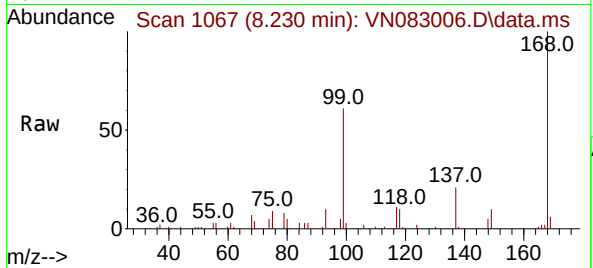




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.001 min
Lab File: VN083006.D
Acq: 22 Jul 2024 16:00

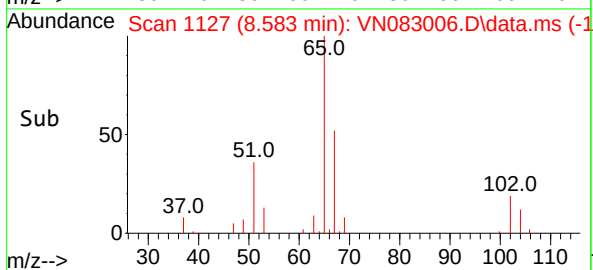
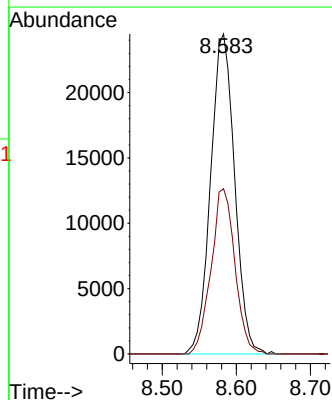
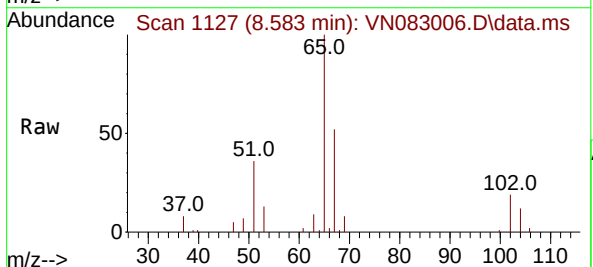
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

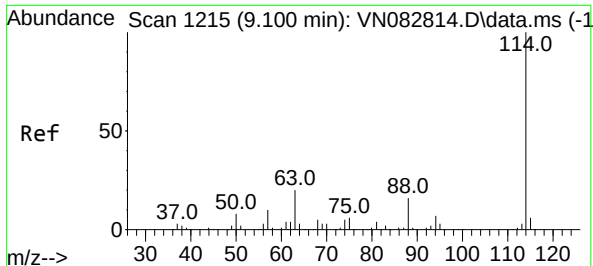
Tgt Ion:168 Resp: 70356
Ion Ratio Lower Upper
168 100
99 61.4 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 55.947 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083006.D
Acq: 22 Jul 2024 16:00

Tgt Ion: 65 Resp: 55178
Ion Ratio Lower Upper
65 100
67 51.1 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: VN083006.D

Acq: 22 Jul 2024 16:00

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SAMPLE-MANAGEMENT

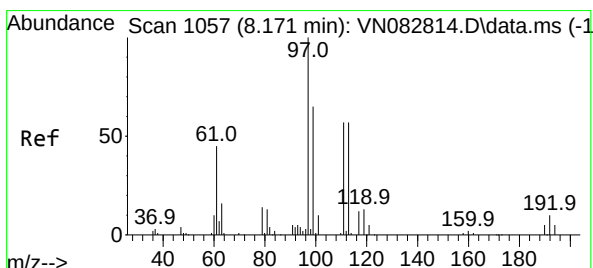
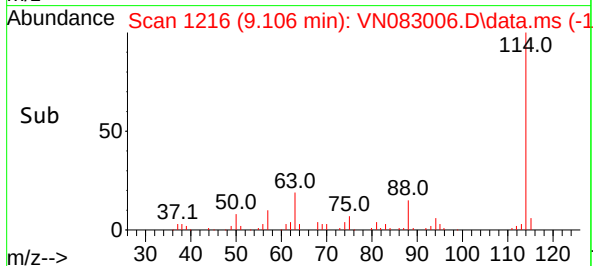
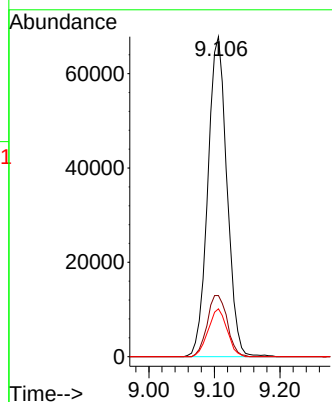
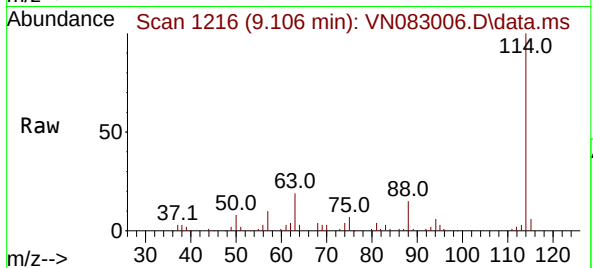
Tgt Ion:114 Resp: 137379

Ion Ratio Lower Upper

114 100

63 19.1 0.0 44.6

88 15.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.520 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083006.D

Acq: 22 Jul 2024 16:00

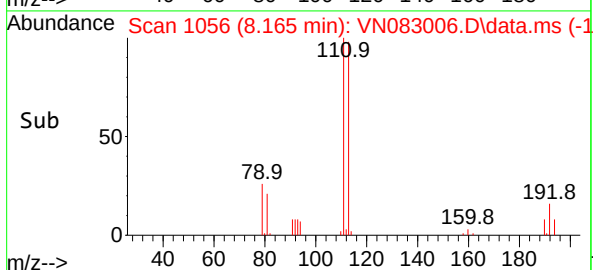
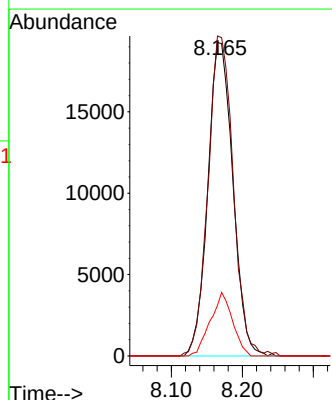
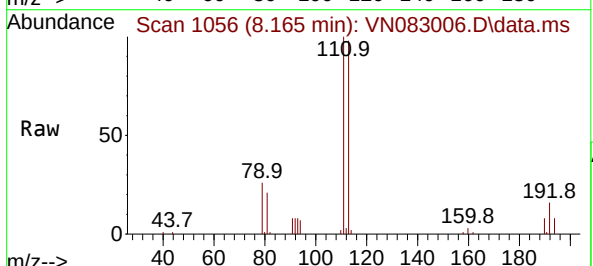
Tgt Ion:113 Resp: 47179

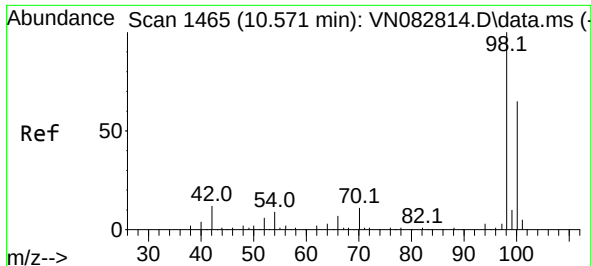
Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

192 18.0 14.9 22.3





#50

Toluene-d8

Concen: 48.916 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN083006.D

Acq: 22 Jul 2024 16:00

Instrument :

MSVOA_N

ClientSampleId :

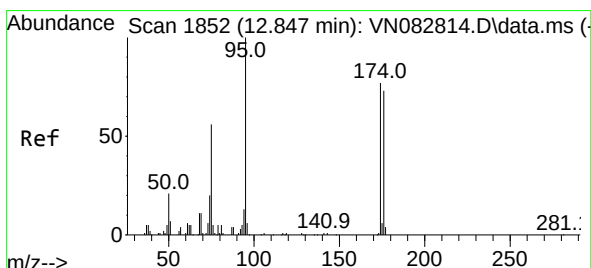
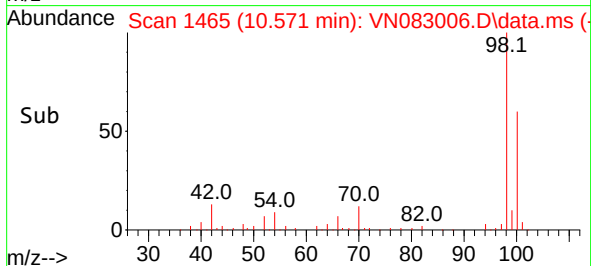
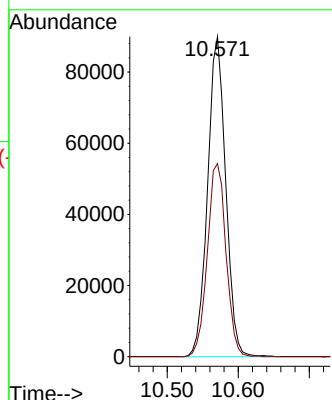
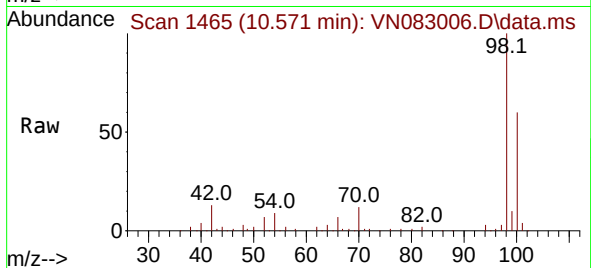
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 98 Resp: 159267

Ion Ratio Lower Upper

98 100

100 62.4 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 44.619 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN083006.D

Acq: 22 Jul 2024 16:00

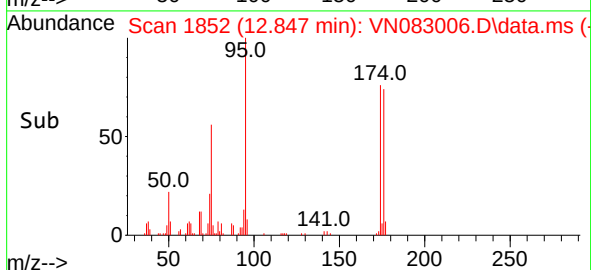
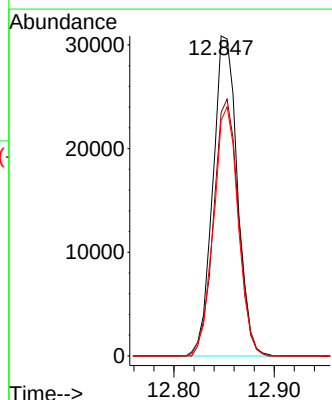
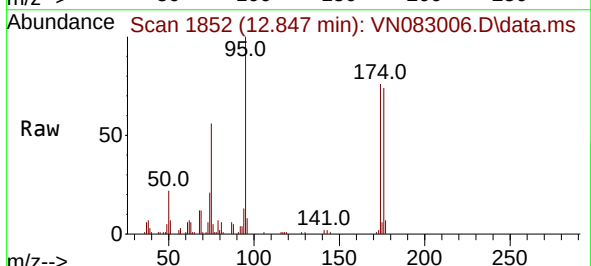
Tgt Ion: 95 Resp: 52184

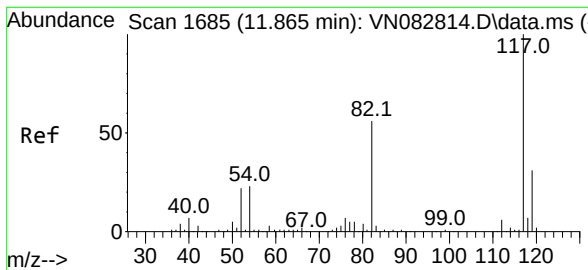
Ion Ratio Lower Upper

95 100

174 81.0 0.0 159.2

176 78.3 0.0 147.6

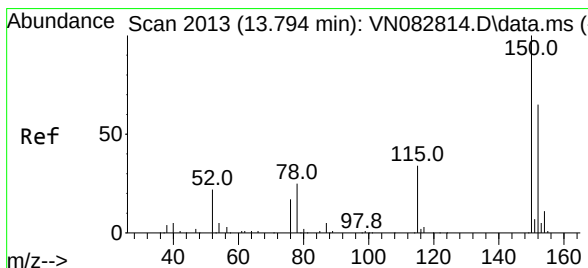
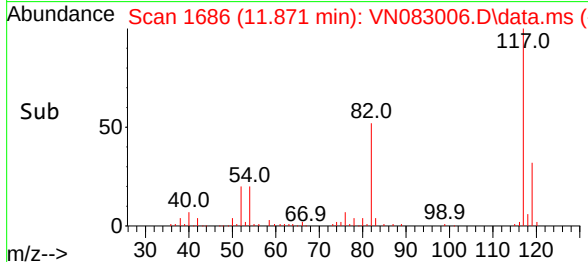
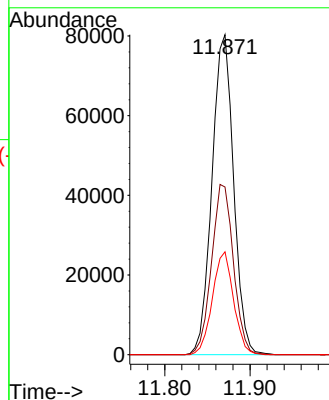
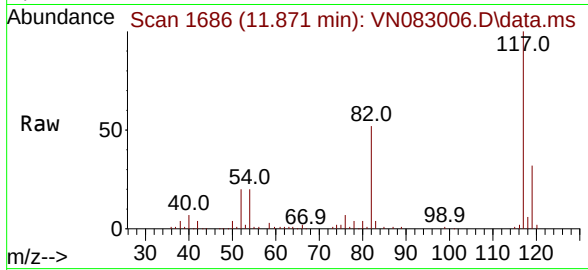




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN083006.D
Acq: 22 Jul 2024 16:00

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

Tgt Ion:117 Resp: 141583
Ion Ratio Lower Upper
117 100
82 52.4 47.5 71.3
119 32.1 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: VN083006.D
Acq: 22 Jul 2024 16:00

Tgt Ion:152 Resp: 55028
Ion Ratio Lower Upper
152 100
115 60.2 30.6 91.6
150 160.2 0.0 348.6

