

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072624\
 Data File : VN083051.D
 Acq On : 26 Jul 2024 14:59
 Operator : JC\MD
 Sample : P3375-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR-05-282-302-072524

Quant Time: Jul 26 23:07:29 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	145938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	287433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	303860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127401	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	121508	59.395	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	118.800%
35) Dibromofluoromethane	8.165	113	104226	56.510	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	113.020%
50) Toluene-d8	10.570	98	356910	52.393	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.780%
62) 4-Bromofluorobenzene	12.847	95	120774	49.356	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	98.720%

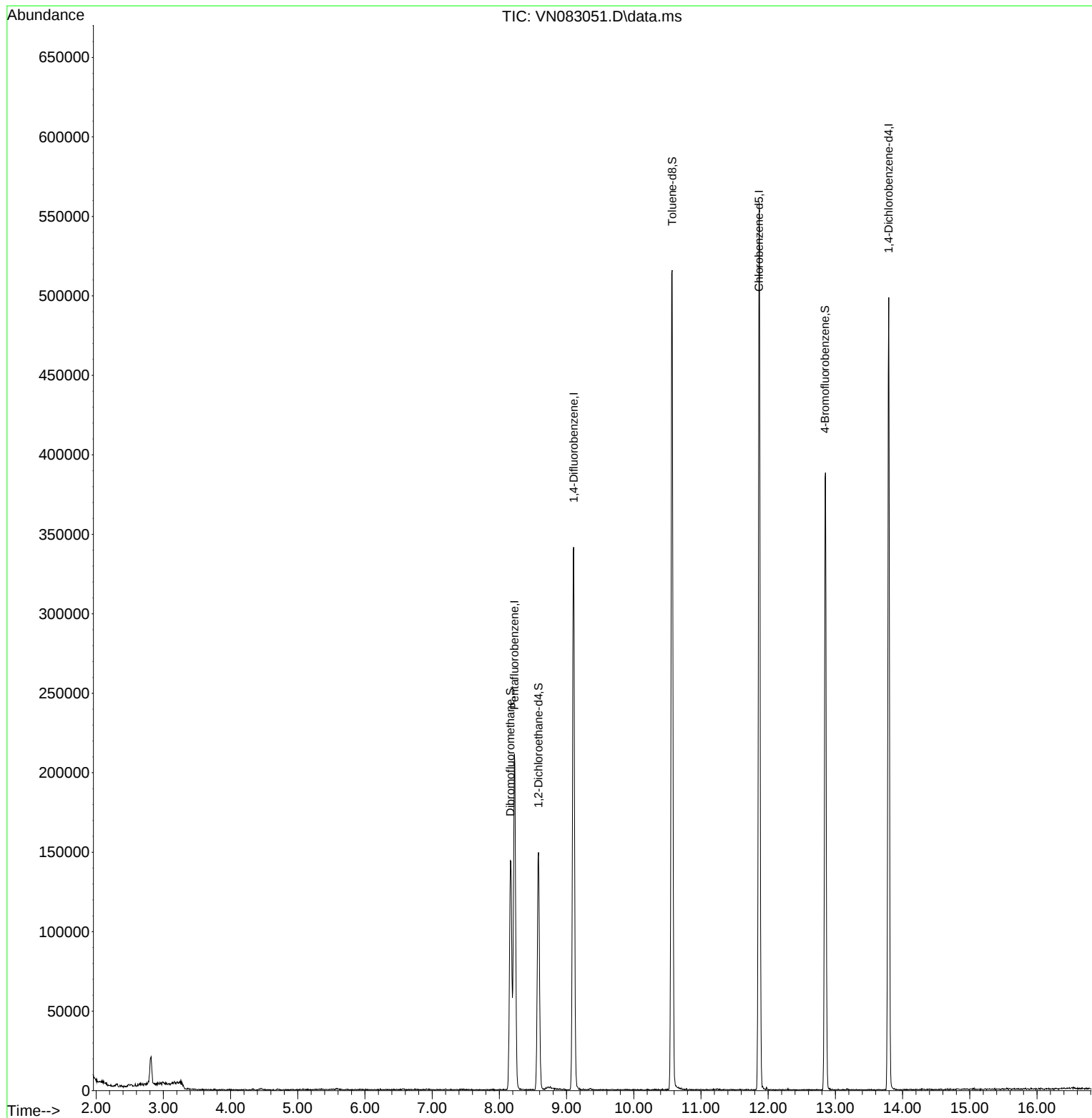
Target Compounds	Qvalue

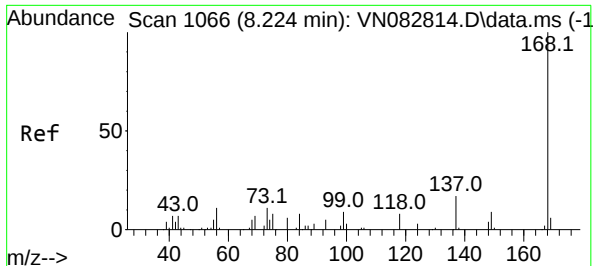
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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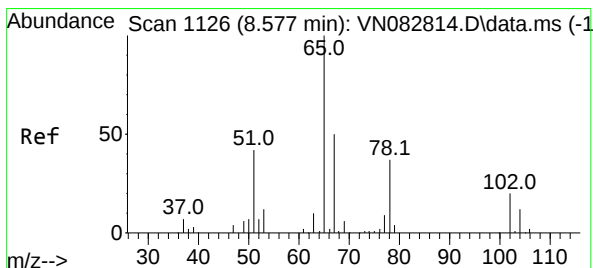
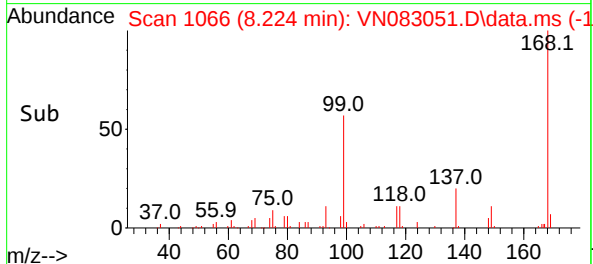
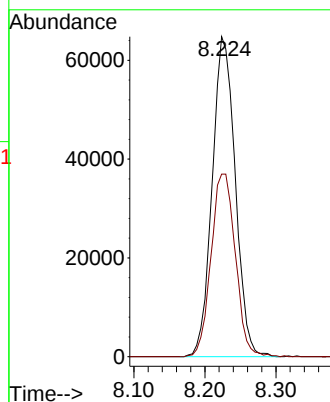
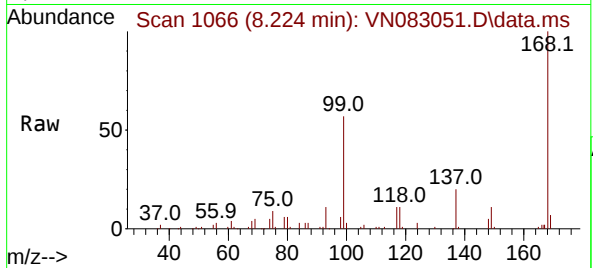




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN083051.D
Acq: 26 Jul 2024 14:59

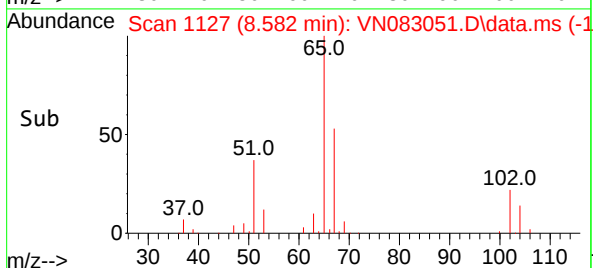
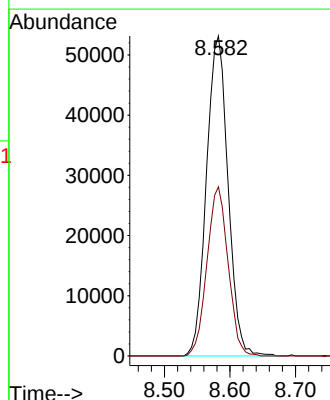
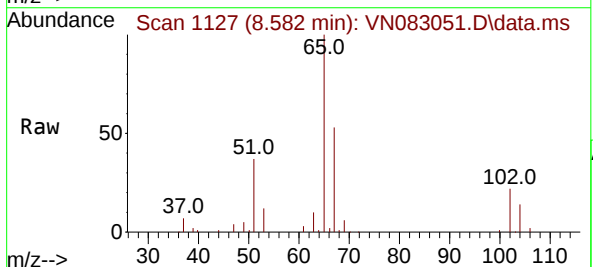
Instrument :
MSVOA_N
ClientSampleId :
GWBR-05-282-302-072524

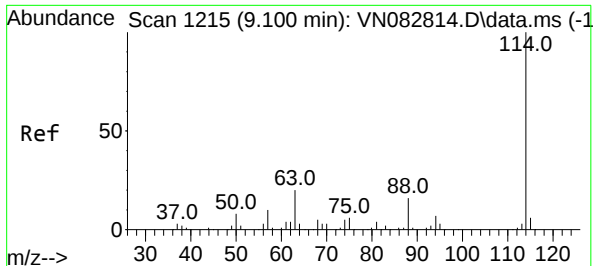
Tgt Ion:168 Resp: 145938
Ion Ratio Lower Upper
168 100
99 57.0 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 59.395 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083051.D
Acq: 26 Jul 2024 14:59

Tgt Ion: 65 Resp: 121508
Ion Ratio Lower Upper
65 100
67 51.8 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: VN083051.D

Acq: 26 Jul 2024 14:59

Instrument :

MSVOA_N

ClientSampleId :

GWBR-05-282-302-072524

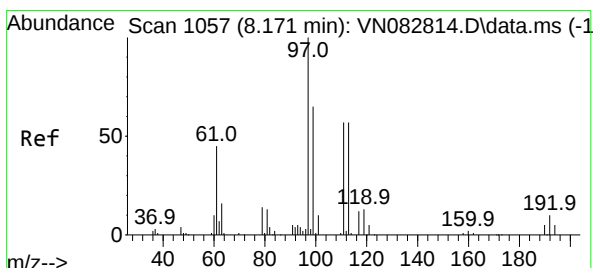
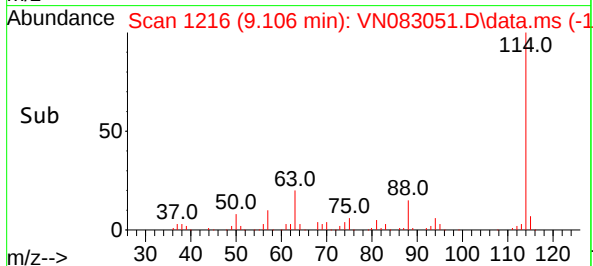
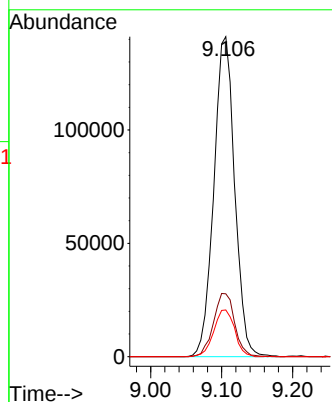
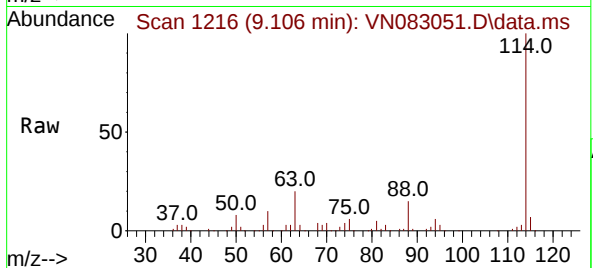
Tgt Ion:114 Resp: 287433

Ion Ratio Lower Upper

114 100

63 19.7 0.0 44.6

88 14.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 56.510 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083051.D

Acq: 26 Jul 2024 14:59

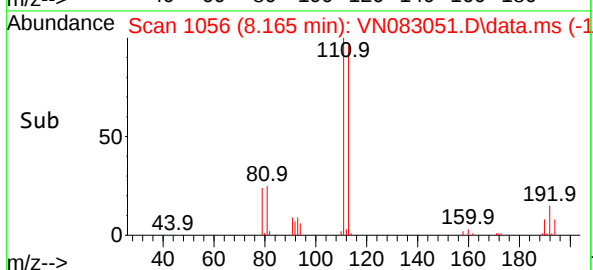
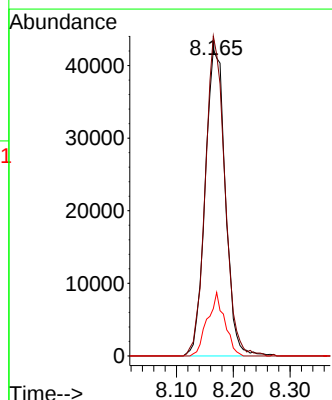
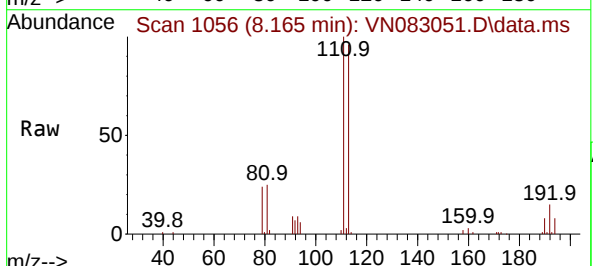
Tgt Ion:113 Resp: 104226

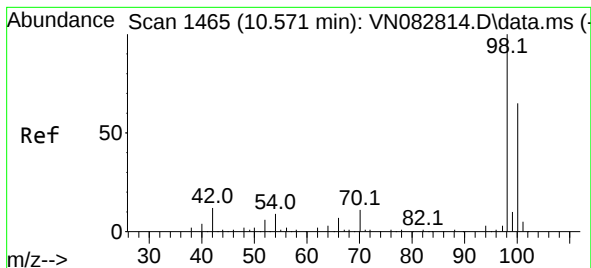
Ion Ratio Lower Upper

113 100

111 101.1 82.4 123.6

192 17.8 14.9 22.3





#50

Toluene-d8

Concen: 52.393 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN083051.D

Acq: 26 Jul 2024 14:59

Instrument :

MSVOA_N

ClientSampleId :

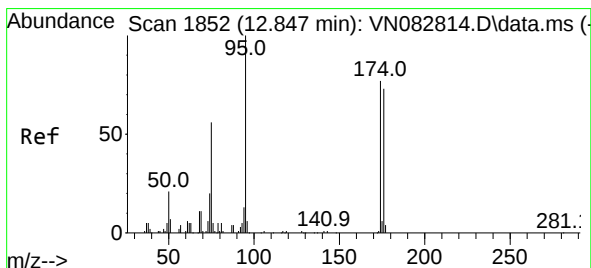
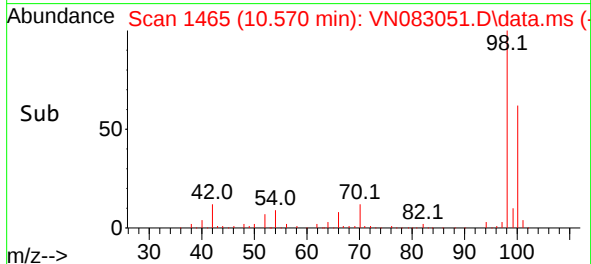
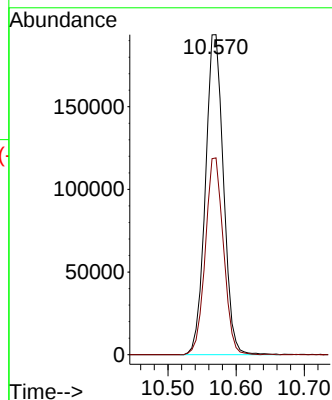
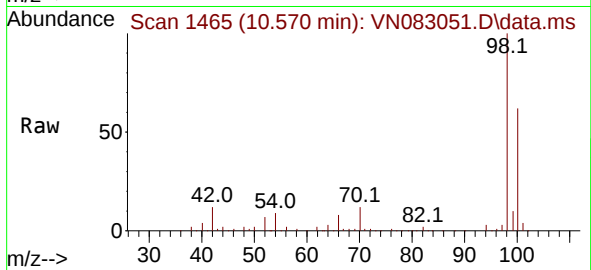
GWBR-05-282-302-072524

Tgt Ion: 98 Resp: 356910

Ion Ratio Lower Upper

98 100

100 61.6 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 49.356 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN083051.D

Acq: 26 Jul 2024 14:59

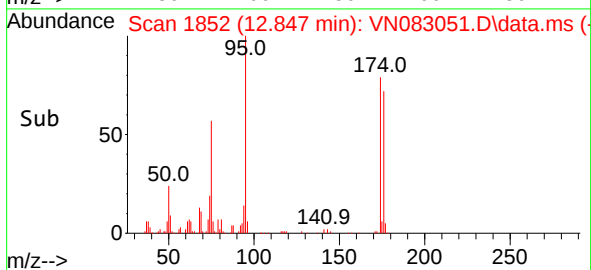
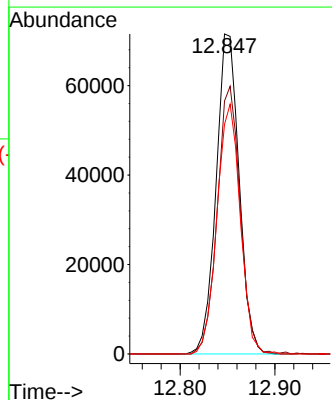
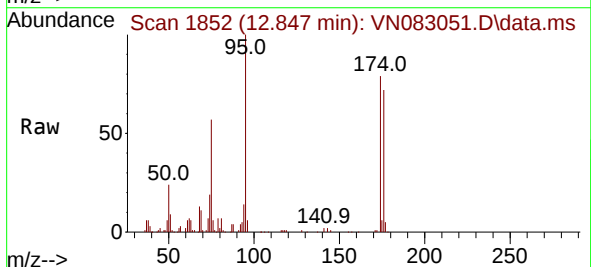
Tgt Ion: 95 Resp: 120774

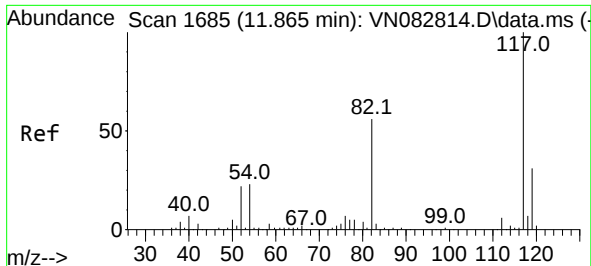
Ion Ratio Lower Upper

95 100

174 83.3 0.0 159.2

176 79.0 0.0 147.6

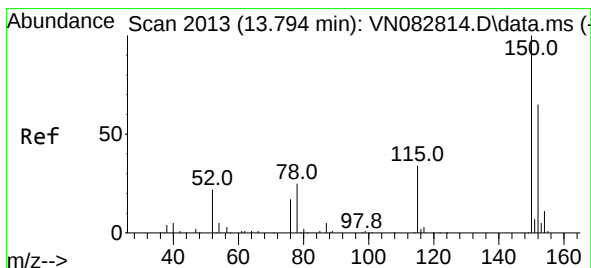
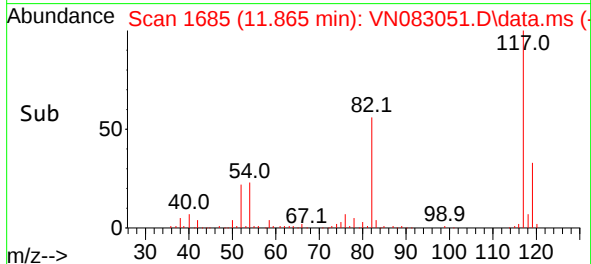
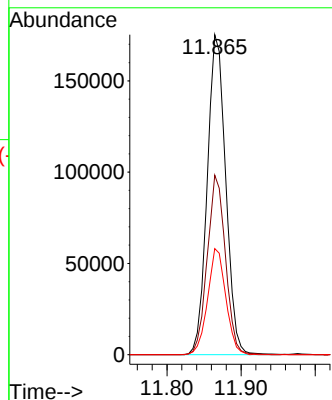
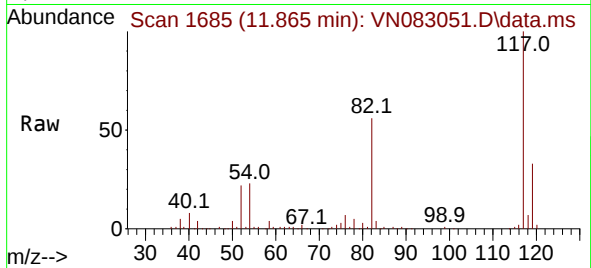




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN083051.D
Acq: 26 Jul 2024 14:59

Instrument :
MSVOA_N
ClientSampleId :
GWBR-05-282-302-072524

Tgt Ion:117 Resp: 303860
Ion Ratio Lower Upper
117 100
82 56.1 47.5 71.3
119 33.1 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: VN083051.D
Acq: 26 Jul 2024 14:59

Tgt Ion:152 Resp: 127401
Ion Ratio Lower Upper
152 100
115 59.2 30.6 91.6
150 155.3 0.0 348.6

