

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022624\
 Data File : VN081189.D
 Acq On : 26 Feb 2024 12:52
 Operator : JC\MD
 Sample : P1533-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW8-MW01S-20240217

Quant Time: Feb 27 00:06:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	383336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	701395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	592158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	227321	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	240168	51.115	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.220%
35) Dibromofluoromethane	8.165	113	193736	48.847	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.700%
50) Toluene-d8	10.565	98	751594	53.355	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.700%
62) 4-Bromofluorobenzene	12.847	95	236610	44.701	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.400%

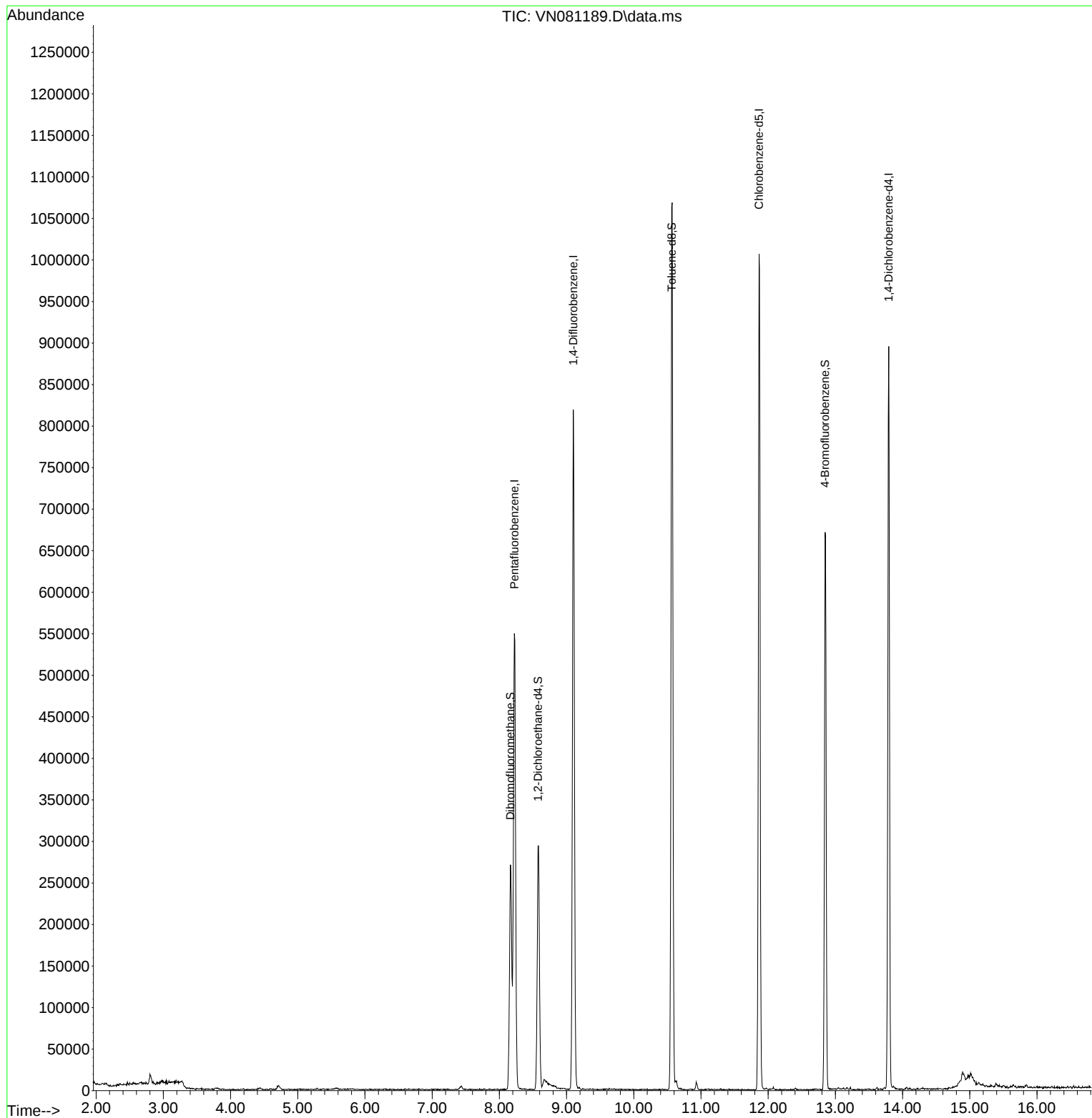
Target Compounds	Qvalue

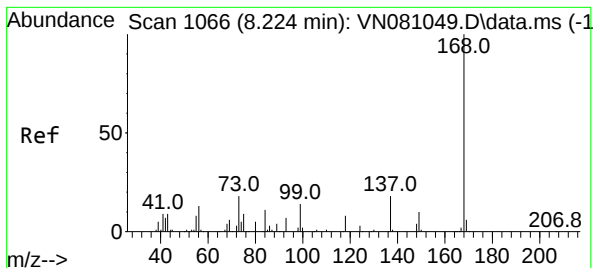
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

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Acq: 26 Feb 2024 12:52

Instrument :

MSVOA_N

ClientSampleId :

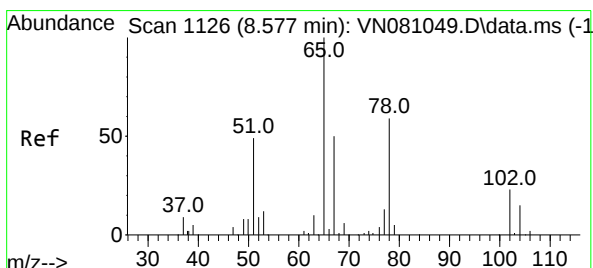
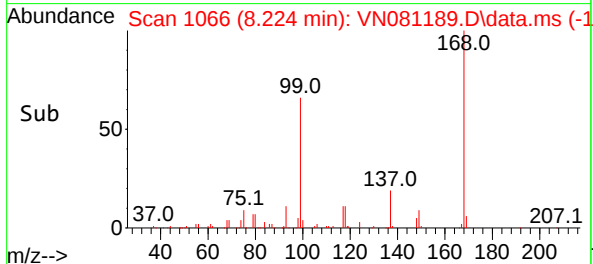
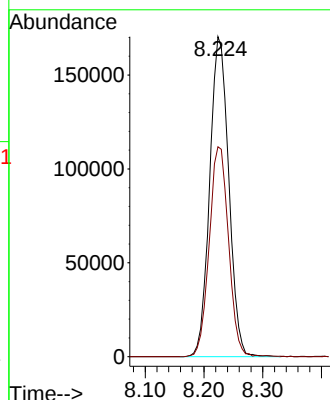
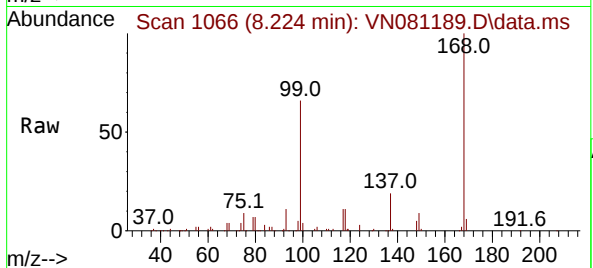
RW8-MW01S-20240217

Tgt Ion:168 Resp: 383336

Ion Ratio Lower Upper

168 100

99 65.6 59.9 89.9



#33

1,2-Dichloroethane-d4

Concen: 51.115 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081189.D

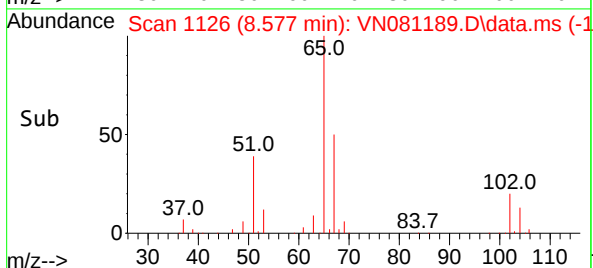
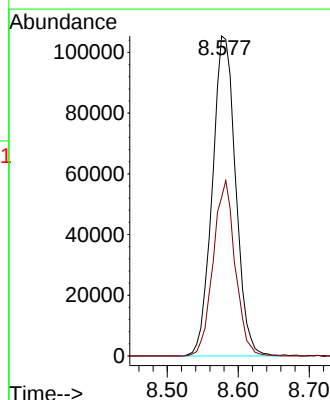
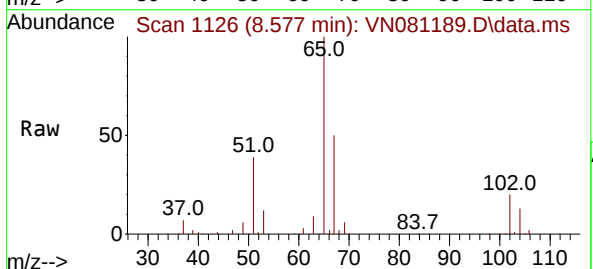
Acq: 26 Feb 2024 12:52

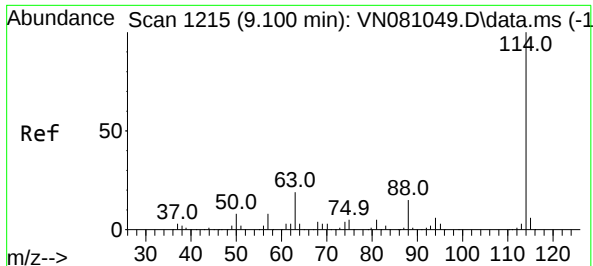
Tgt Ion: 65 Resp: 240168

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081189.D

Acq: 26 Feb 2024 12:52

Instrument :

MSVOA_N

ClientSampleId :

RW8-MW01S-20240217

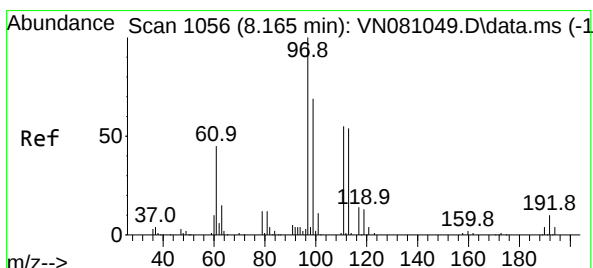
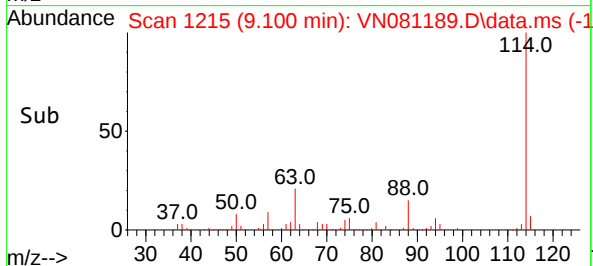
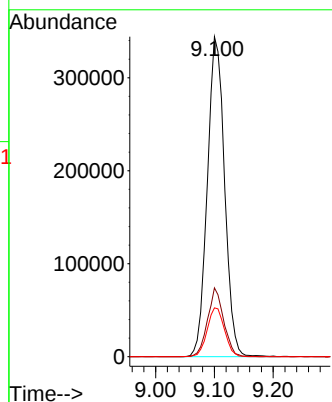
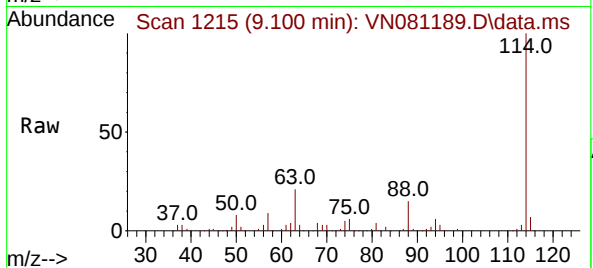
Tgt Ion:114 Resp: 701395

Ion Ratio Lower Upper

114 100

63 21.5 0.0 48.0

88 15.2 0.0 34.8



#35

Dibromofluoromethane

Concen: 48.847 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081189.D

Acq: 26 Feb 2024 12:52

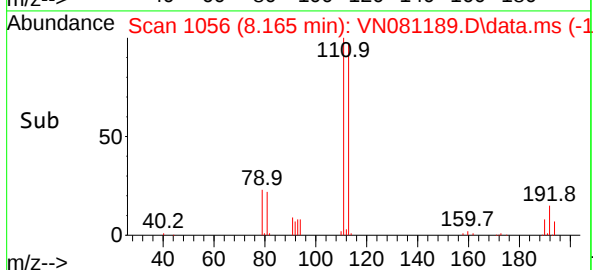
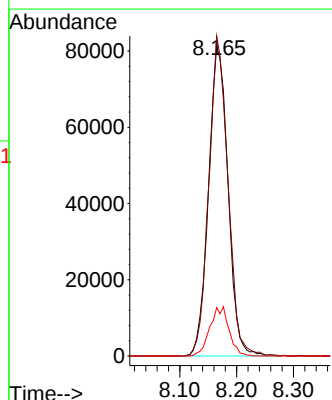
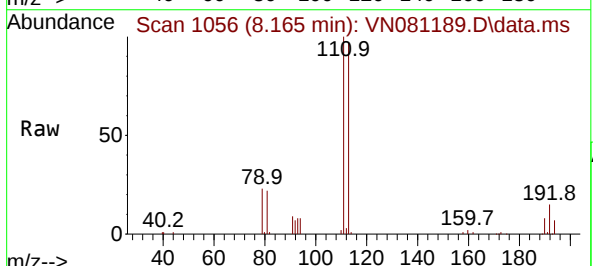
Tgt Ion:113 Resp: 193736

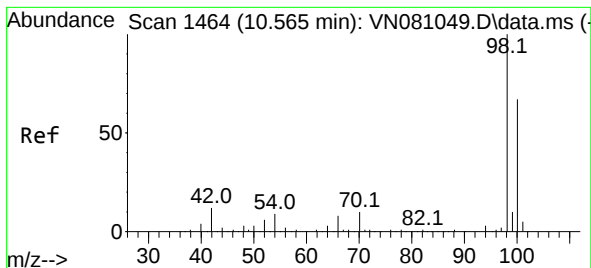
Ion Ratio Lower Upper

113 100

111 100.7 82.2 123.4

192 15.5 12.5 18.7





#50

Toluene-d8

Concen: 53.355 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN081189.D

Acq: 26 Feb 2024 12:52

Instrument :

MSVOA_N

ClientSampleId :

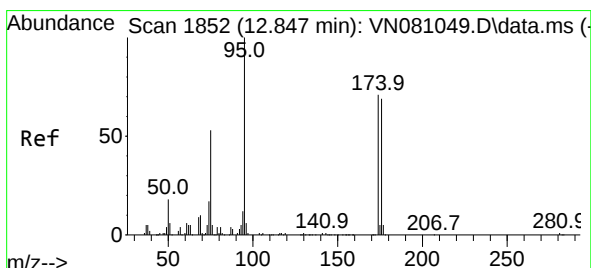
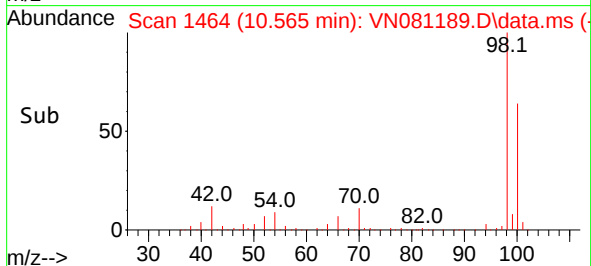
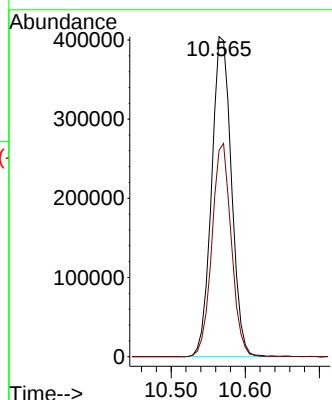
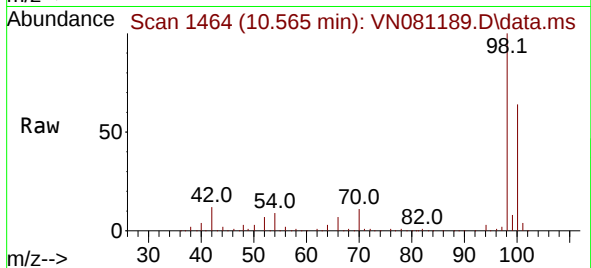
RW8-MW01S-20240217

Tgt Ion: 98 Resp: 751594

Ion Ratio Lower Upper

98 100

100 65.1 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 44.701 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN081189.D

Acq: 26 Feb 2024 12:52

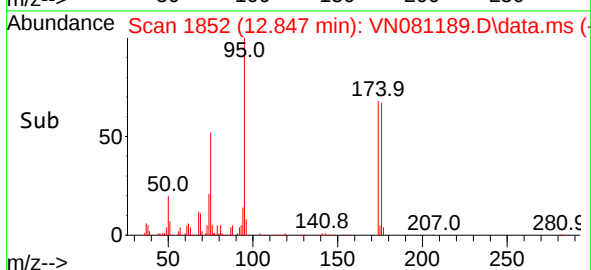
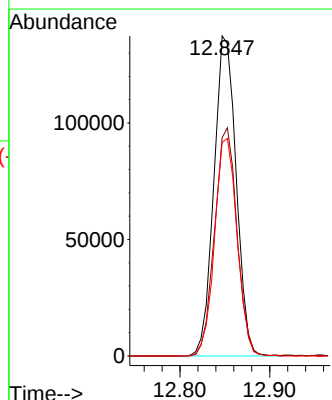
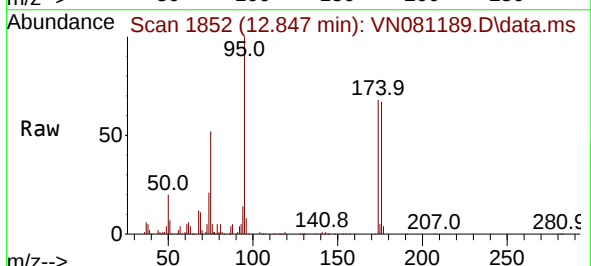
Tgt Ion: 95 Resp: 236610

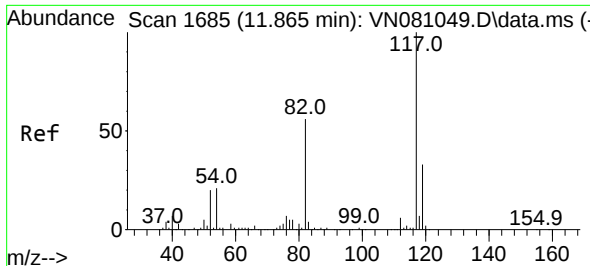
Ion Ratio Lower Upper

95 100

174 71.6 0.0 120.4

176 68.6 0.0 121.0

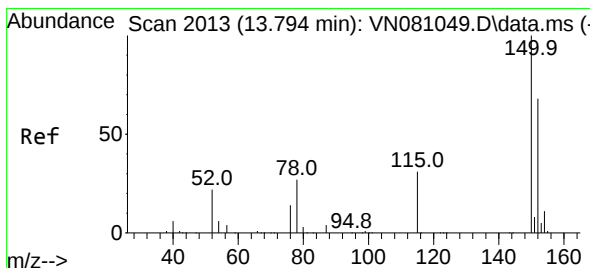
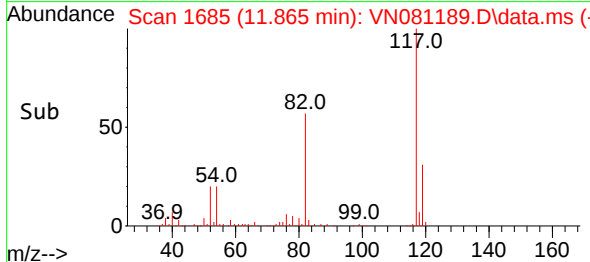
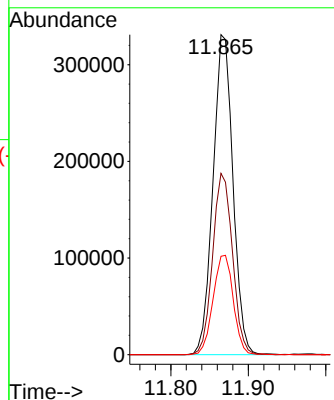
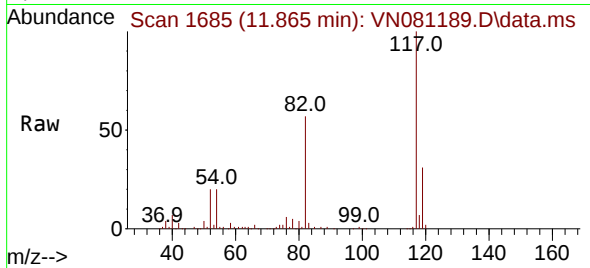




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081189.D
Acq: 26 Feb 2024 12:52

Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01S-20240217

Tgt Ion:	117	Resp:	592158
Ion	Ratio	Lower	Upper
117	100		
82	56.7	52.7	79.1
119	30.7	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081189.D
Acq: 26 Feb 2024 12:52

Tgt Ion:	152	Resp:	227321
Ion	Ratio	Lower	Upper
152	100		
115	65.2	32.3	96.8
150	162.3	0.0	339.8

