

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
 Data File : VN081222.D
 Acq On : 27 Feb 2024 16:23
 Operator : JC\MD
 Sample : P1590-15 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP01-20240223

Quant Time: Feb 28 04:20:06 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	8.230	168	319695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	602455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	517926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	195638	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	214691	54.788	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.580%
35) Dibromofluoromethane	8.165	113	171369	50.304	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.600%
50) Toluene-d8	10.571	98	645103	53.316	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.640%
62) 4-Bromofluorobenzene	12.853	95	205901	45.288	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.580%

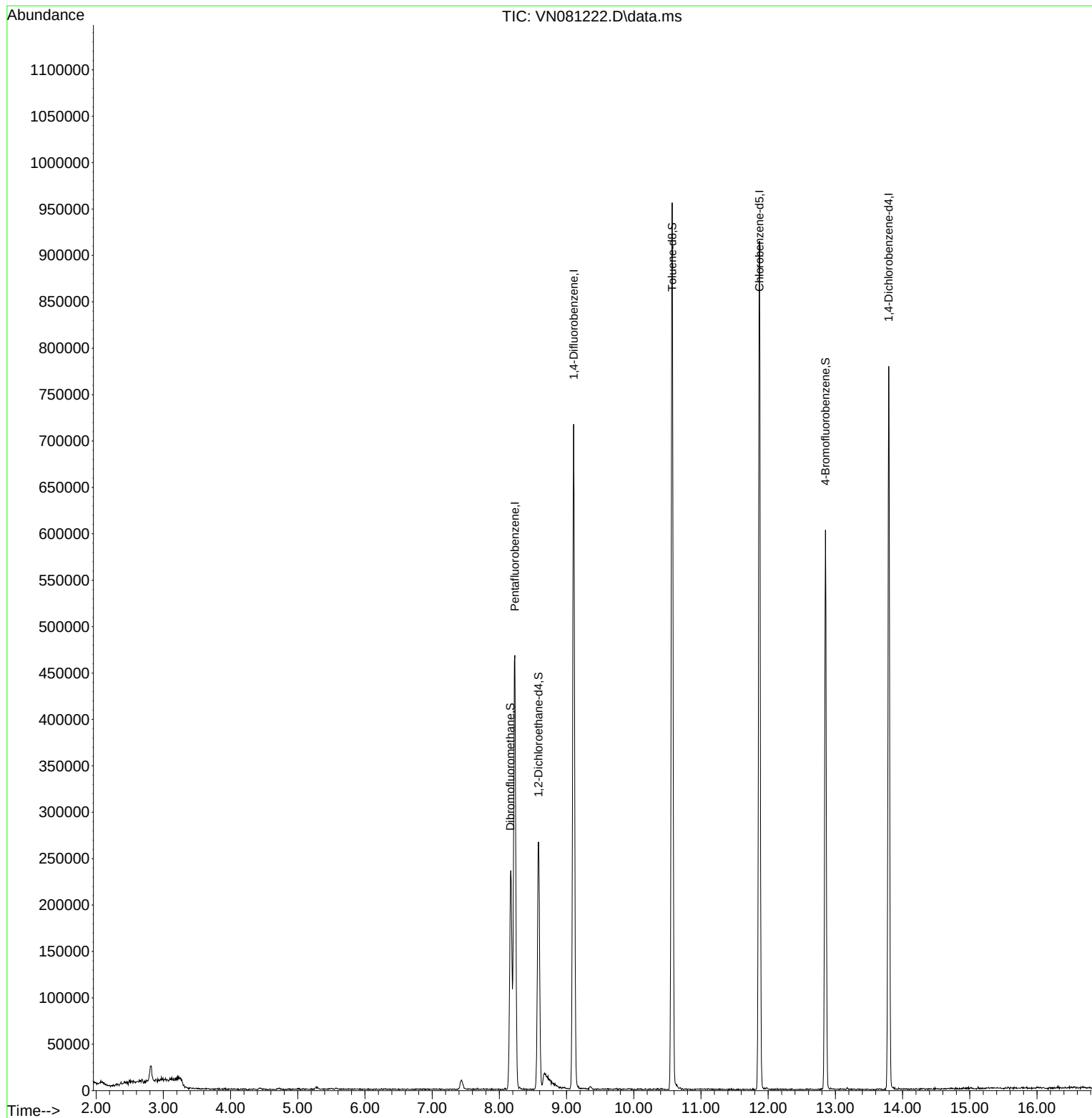
Target Compounds	Qvalue

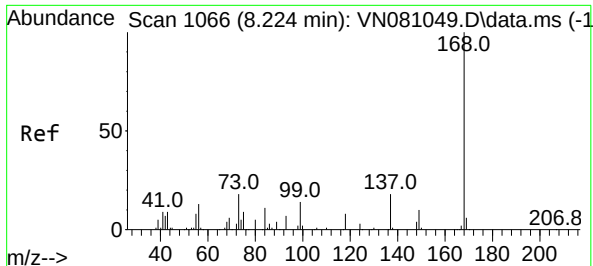
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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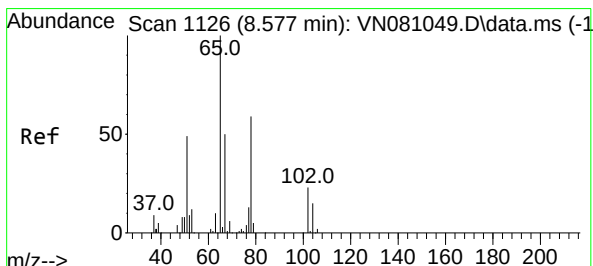
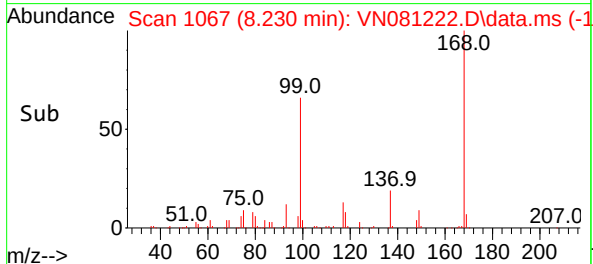
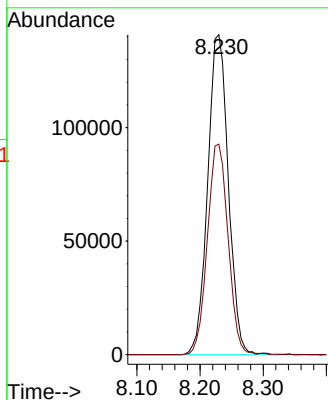
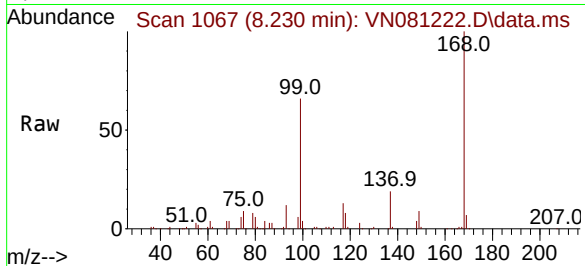




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081222.D
Acq: 27 Feb 2024 16:23

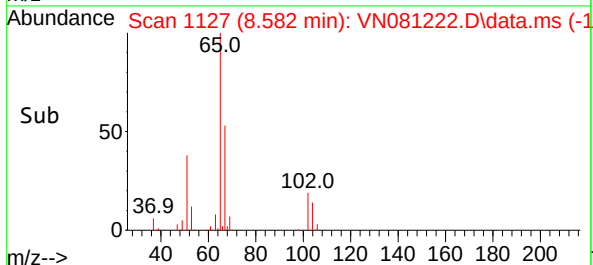
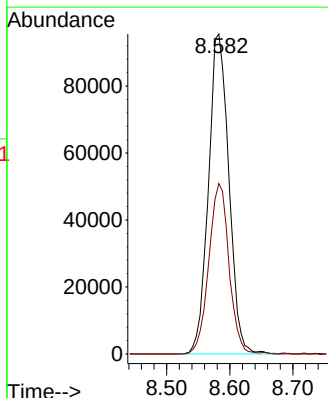
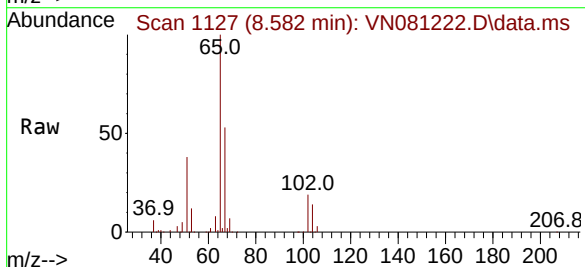
Instrument :
MSVOA_N
ClientSampleId :
DUP01-20240223

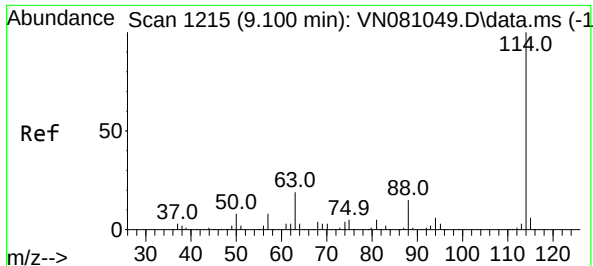
Tgt Ion:168 Resp: 319695
Ion Ratio Lower Upper
168 100
99 65.8 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 54.788 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081222.D
Acq: 27 Feb 2024 16:23

Tgt Ion: 65 Resp: 214691
Ion Ratio Lower Upper
65 100
67 52.5 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081222.D

Acq: 27 Feb 2024 16:23

Instrument :

MSVOA_N

ClientSampleId :

DUP01-20240223

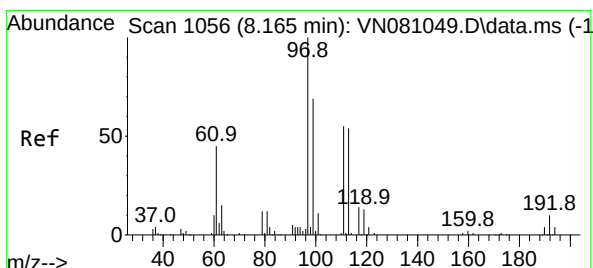
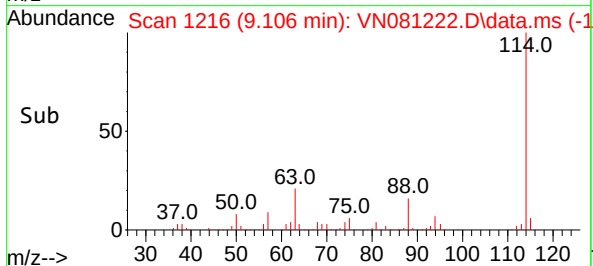
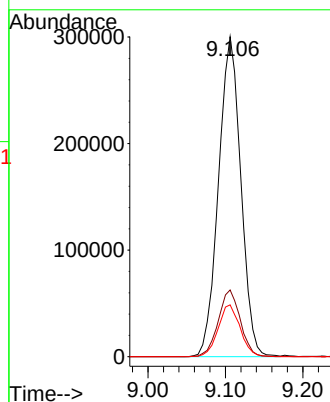
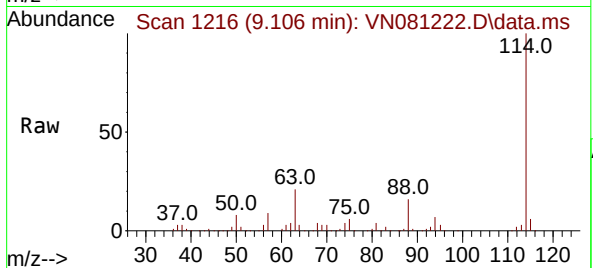
Tgt Ion:114 Resp: 602455

Ion Ratio Lower Upper

114 100

63 20.9 0.0 48.0

88 16.2 0.0 34.8



#35

Dibromofluoromethane

Concen: 50.304 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081222.D

Acq: 27 Feb 2024 16:23

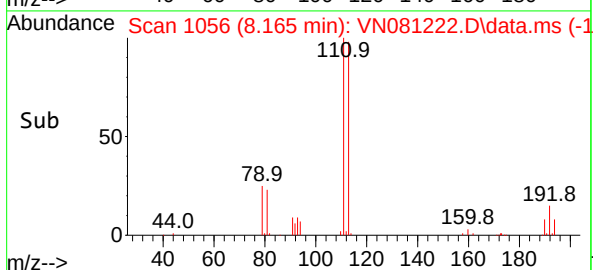
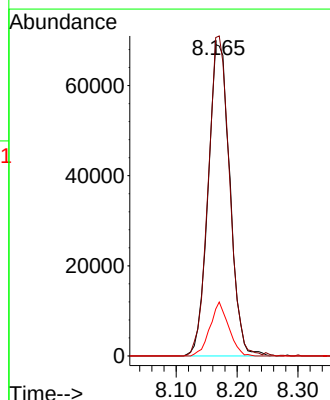
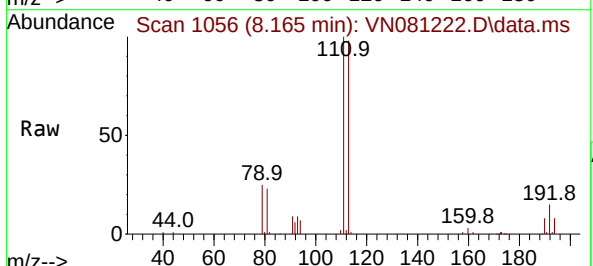
Tgt Ion:113 Resp: 171369

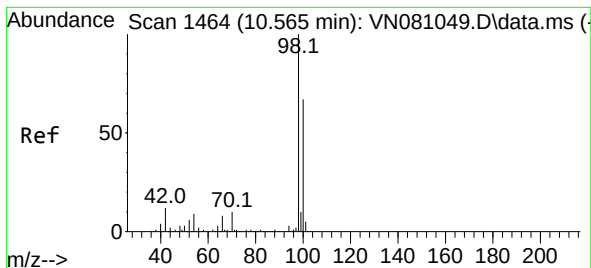
Ion Ratio Lower Upper

113 100

111 100.5 82.2 123.4

192 14.9 12.5 18.7





#50

Toluene-d8

Concen: 53.316 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081222.D

Acq: 27 Feb 2024 16:23

Instrument :

MSVOA_N

ClientSampleId :

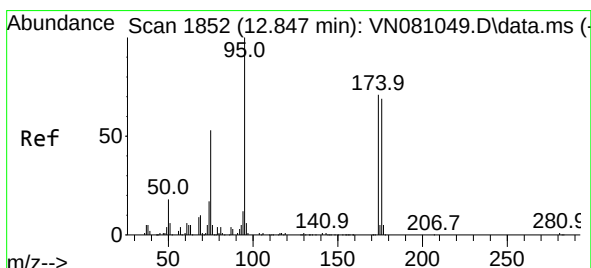
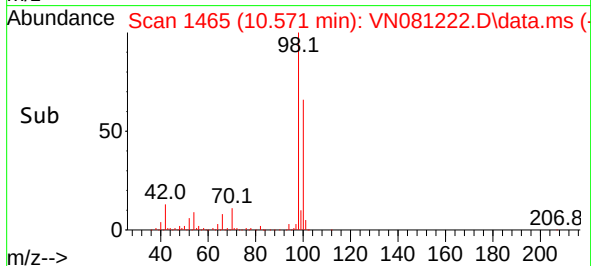
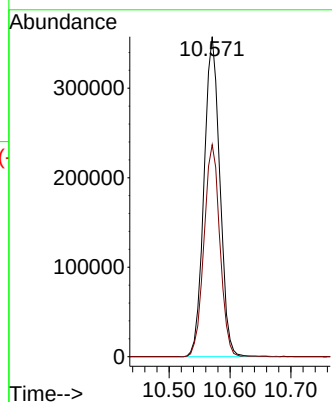
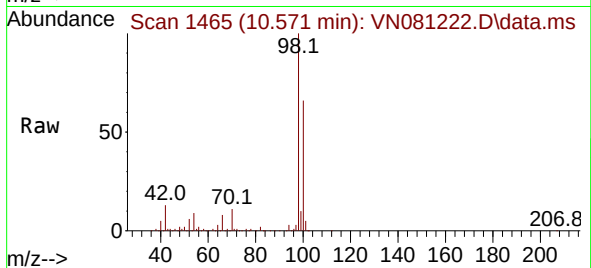
DUP01-20240223

Tgt Ion: 98 Resp: 645103

Ion Ratio Lower Upper

98 100

100 66.7 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 45.288 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN081222.D

Acq: 27 Feb 2024 16:23

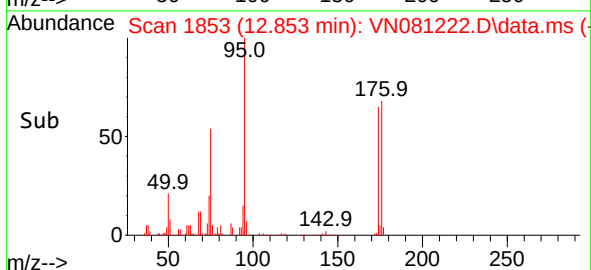
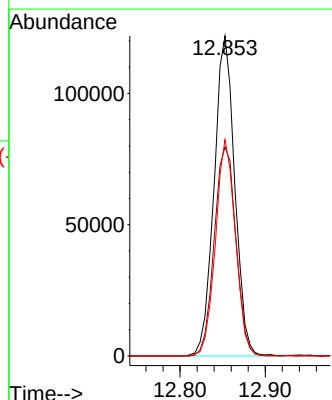
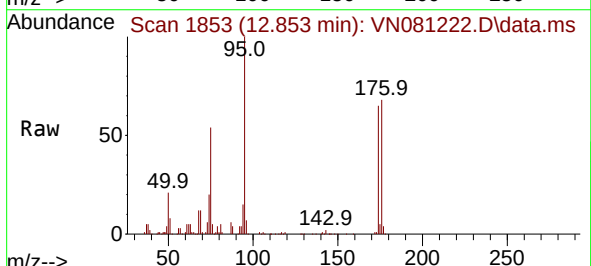
Tgt Ion: 95 Resp: 205901

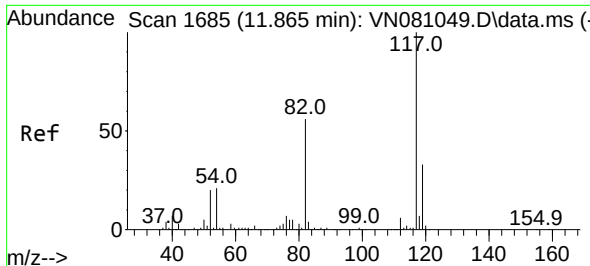
Ion Ratio Lower Upper

95 100

174 68.5 0.0 120.4

176 64.9 0.0 121.0

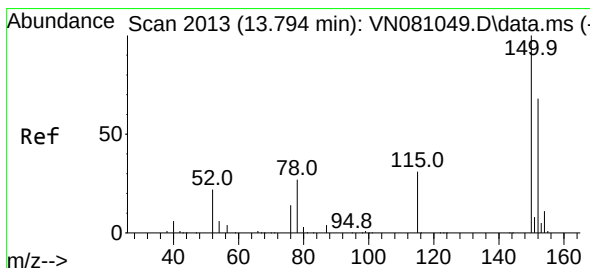
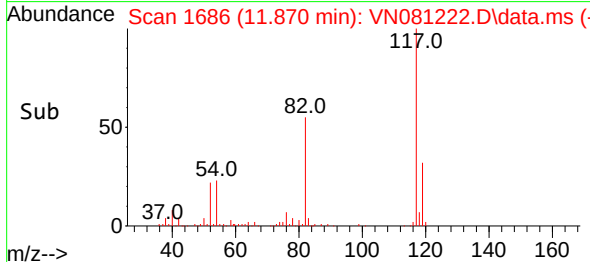
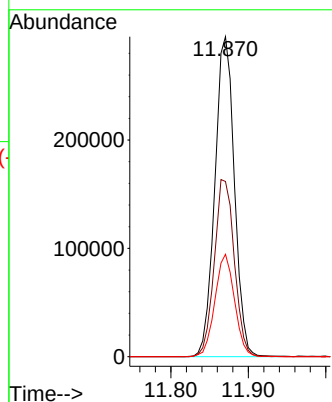
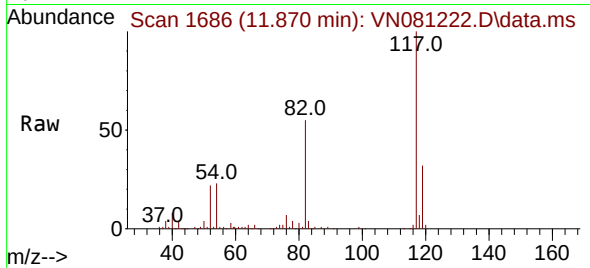




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081222.D
Acq: 27 Feb 2024 16:23

Instrument :
MSVOA_N
ClientSampleId :
DUP01-20240223

Tgt Ion:117 Resp: 517926
Ion Ratio Lower Upper
117 100
82 54.8 52.7 79.1
119 32.0 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: VN081222.D
Acq: 27 Feb 2024 16:23

Tgt Ion:152 Resp: 195638
Ion Ratio Lower Upper
152 100
115 64.3 32.3 96.8
150 159.2 0.0 339.8

