

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
 Data File : VN081225.D
 Acq On : 27 Feb 2024 17:36
 Operator : JC\MD
 Sample : P1590-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB06-20240222

Quant Time: Feb 28 04:21:52 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	314045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	588686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	518438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	198891	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	214567	55.742	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.480%
35) Dibromofluoromethane	8.165	113	170873	51.331	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.660%
50) Toluene-d8	10.571	98	653331	55.259	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.520%
62) 4-Bromofluorobenzene	12.853	95	208858	47.013	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.020%

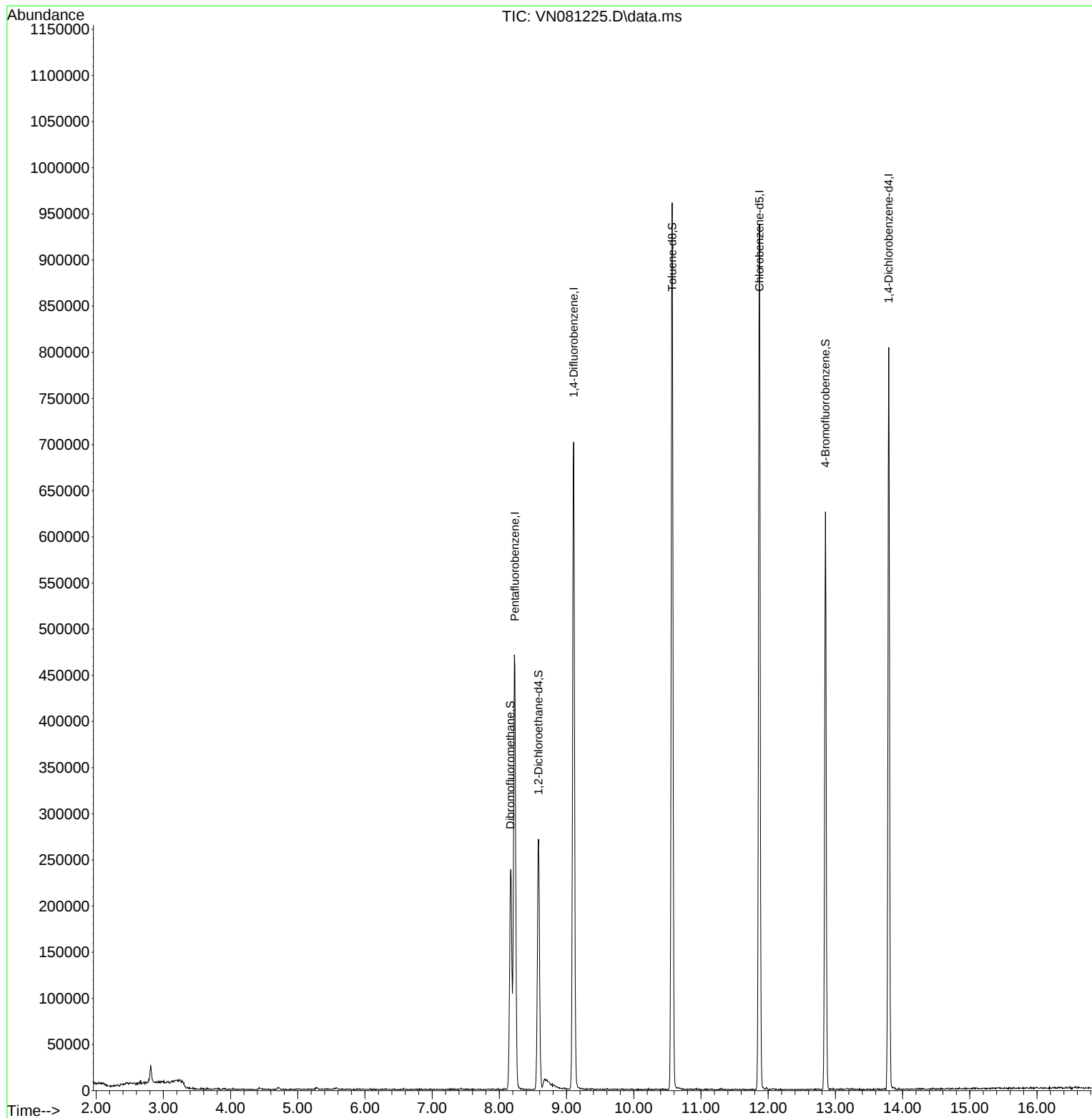
Target Compounds	Qvalue

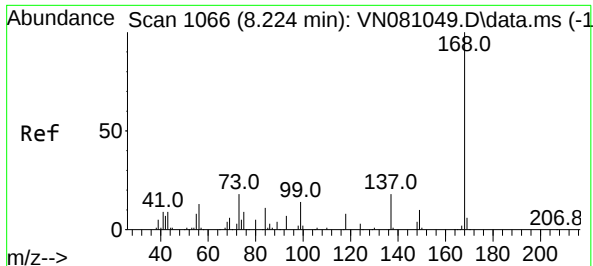
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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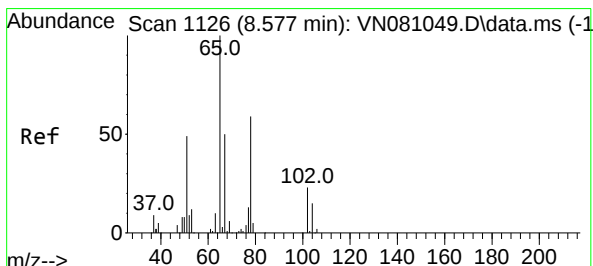
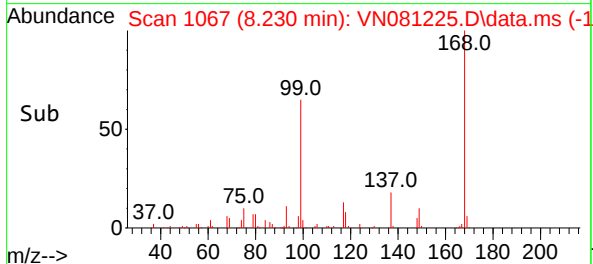
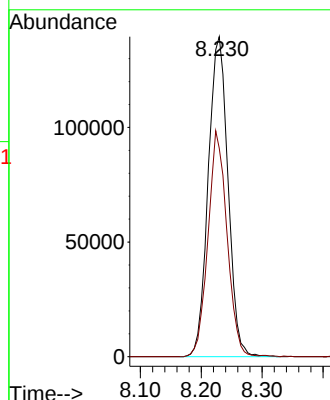
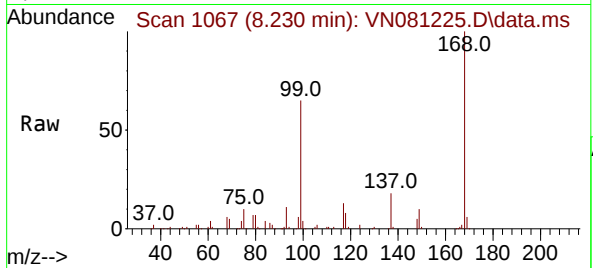




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081225.D
Acq: 27 Feb 2024 17:36

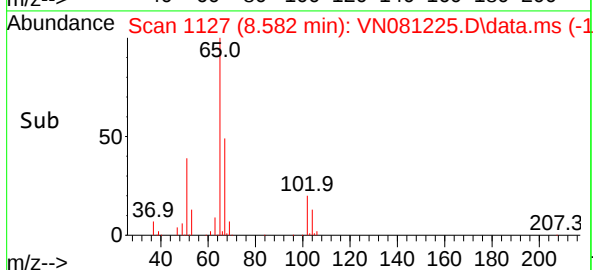
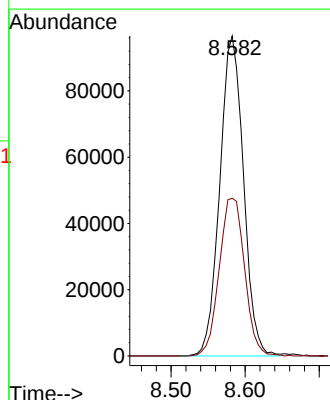
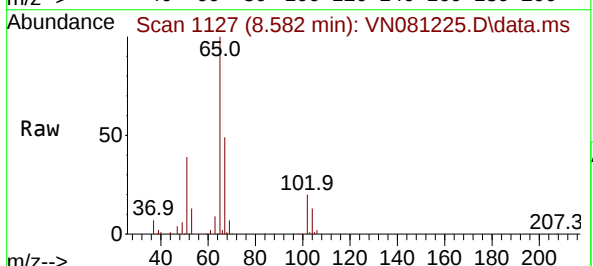
Instrument :
MSVOA_N
ClientSampleId :
TB06-20240222

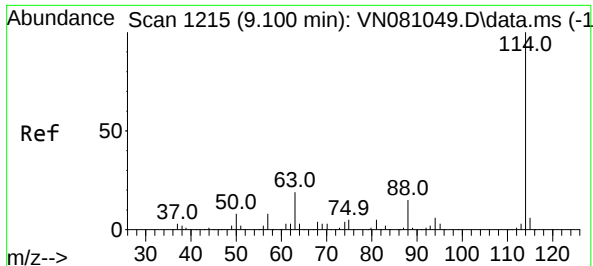
Tgt Ion:168 Resp: 314045
Ion Ratio Lower Upper
168 100
99 65.1 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 55.742 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081225.D
Acq: 27 Feb 2024 17:36

Tgt Ion: 65 Resp: 214567
Ion Ratio Lower Upper
65 100
67 52.7 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081225.D

Acq: 27 Feb 2024 17:36

Instrument :

MSVOA_N

ClientSampleId :

TB06-20240222

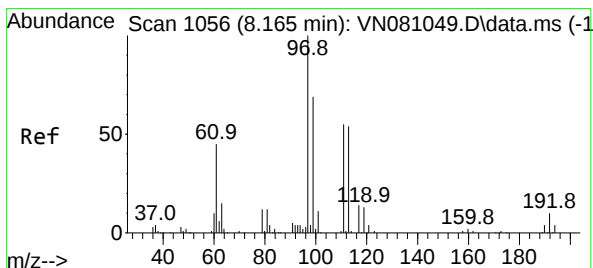
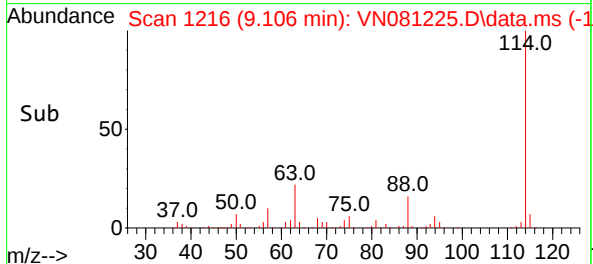
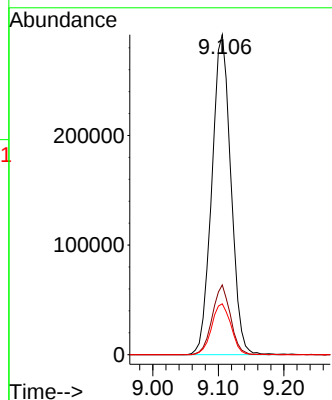
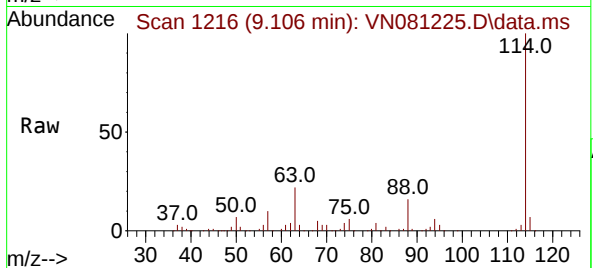
Tgt Ion:114 Resp: 588686

Ion Ratio Lower Upper

114 100

63 21.8 0.0 48.0

88 15.9 0.0 34.8



#35

Dibromofluoromethane

Concen: 51.331 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081225.D

Acq: 27 Feb 2024 17:36

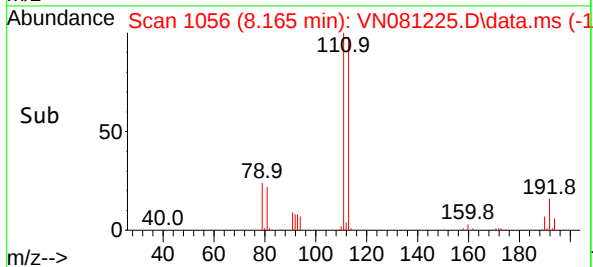
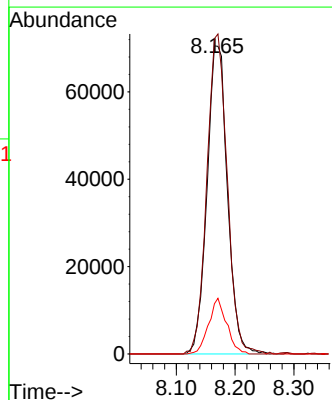
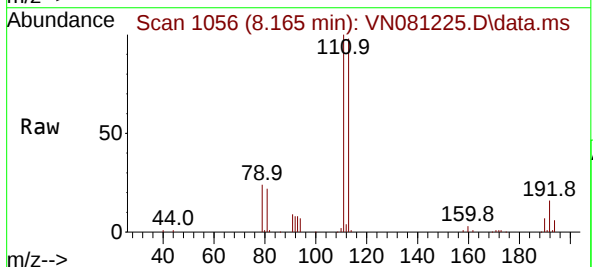
Tgt Ion:113 Resp: 170873

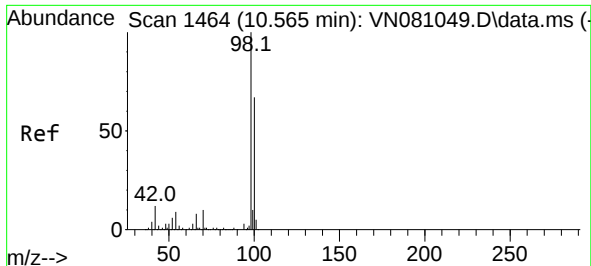
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 16.0 12.5 18.7

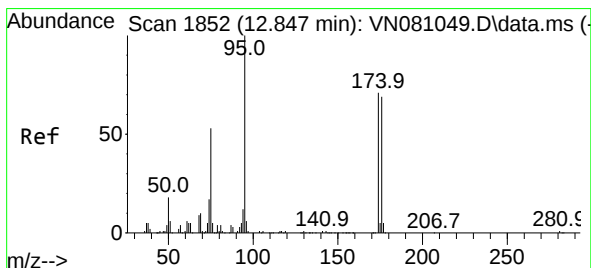
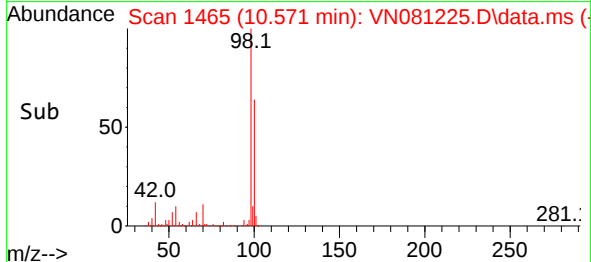
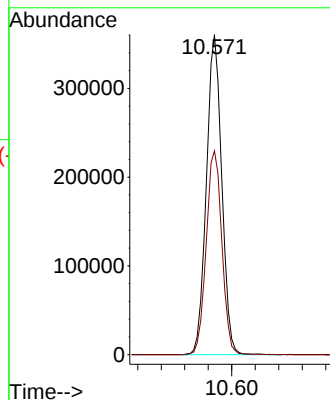
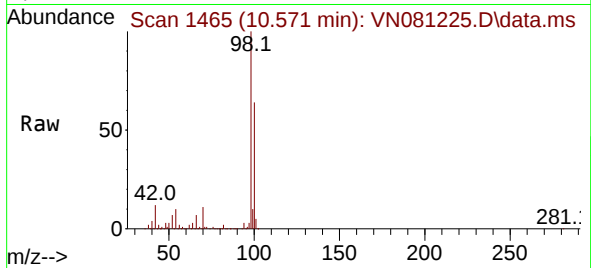




#50
Toluene-d8
Concen: 55.259 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081225.D
Acq: 27 Feb 2024 17:36

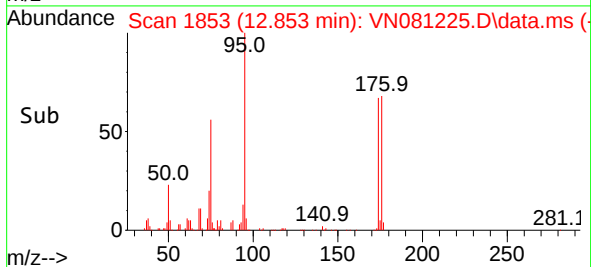
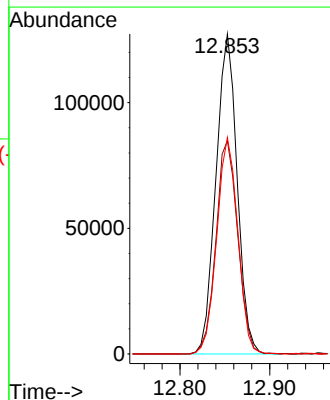
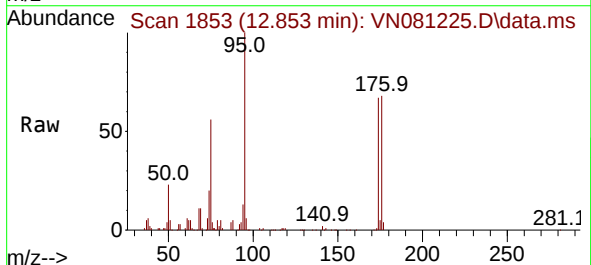
Instrument :
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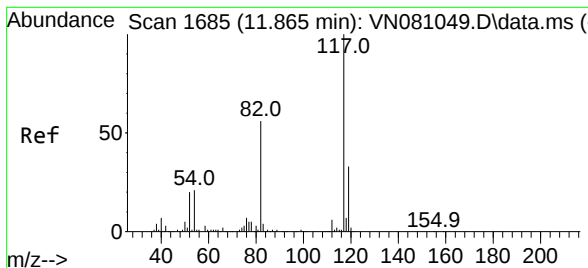
Tgt Ion: 98 Resp: 653331
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 47.013 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081225.D
Acq: 27 Feb 2024 17:36

Tgt Ion: 95 Resp: 208858
Ion Ratio Lower Upper
95 100
174 68.7 0.0 120.4
176 67.3 0.0 121.0

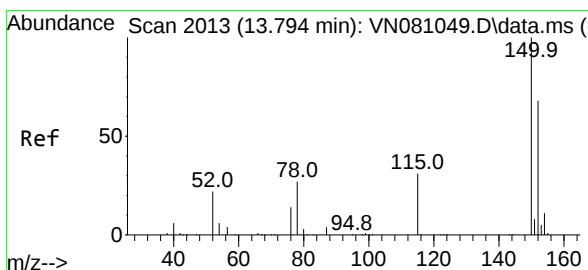
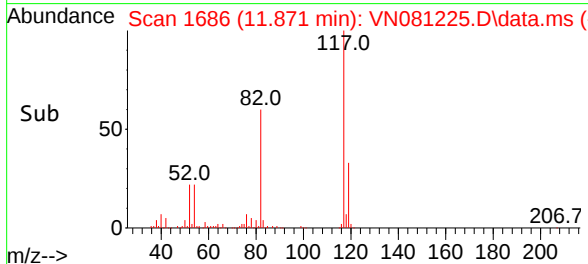
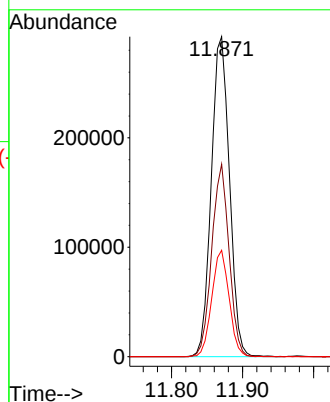
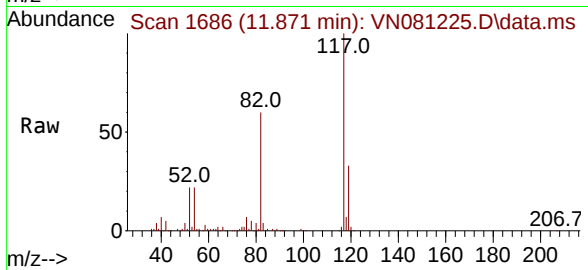




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081225.D
Acq: 27 Feb 2024 17:36

Instrument :
MSVOA_N
ClientSampleId :
TB06-20240222

Tgt Ion:117 Resp: 518438
Ion Ratio Lower Upper
117 100
82 60.2 52.7 79.1
119 33.2 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: VN081225.D
Acq: 27 Feb 2024 17:36

Tgt Ion:152 Resp: 198891
Ion Ratio Lower Upper
152 100
115 64.9 32.3 96.8
150 158.9 0.0 339.8

