

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022224\
 Data File : VN081126.D
 Acq On : 22 Feb 2024 11:26
 Operator : JC\MD
 Sample : VN0222WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBL01

Quant Time: Feb 23 04:20:13 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	328099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	608103	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	521259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	209083	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	198974	49.477	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.960%
35) Dibromofluoromethane	8.165	113	166705	48.480	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.960%
50) Toluene-d8	10.565	98	561304	45.959	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.920%
62) 4-Bromofluorobenzene	12.853	95	199571	43.488	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.980%

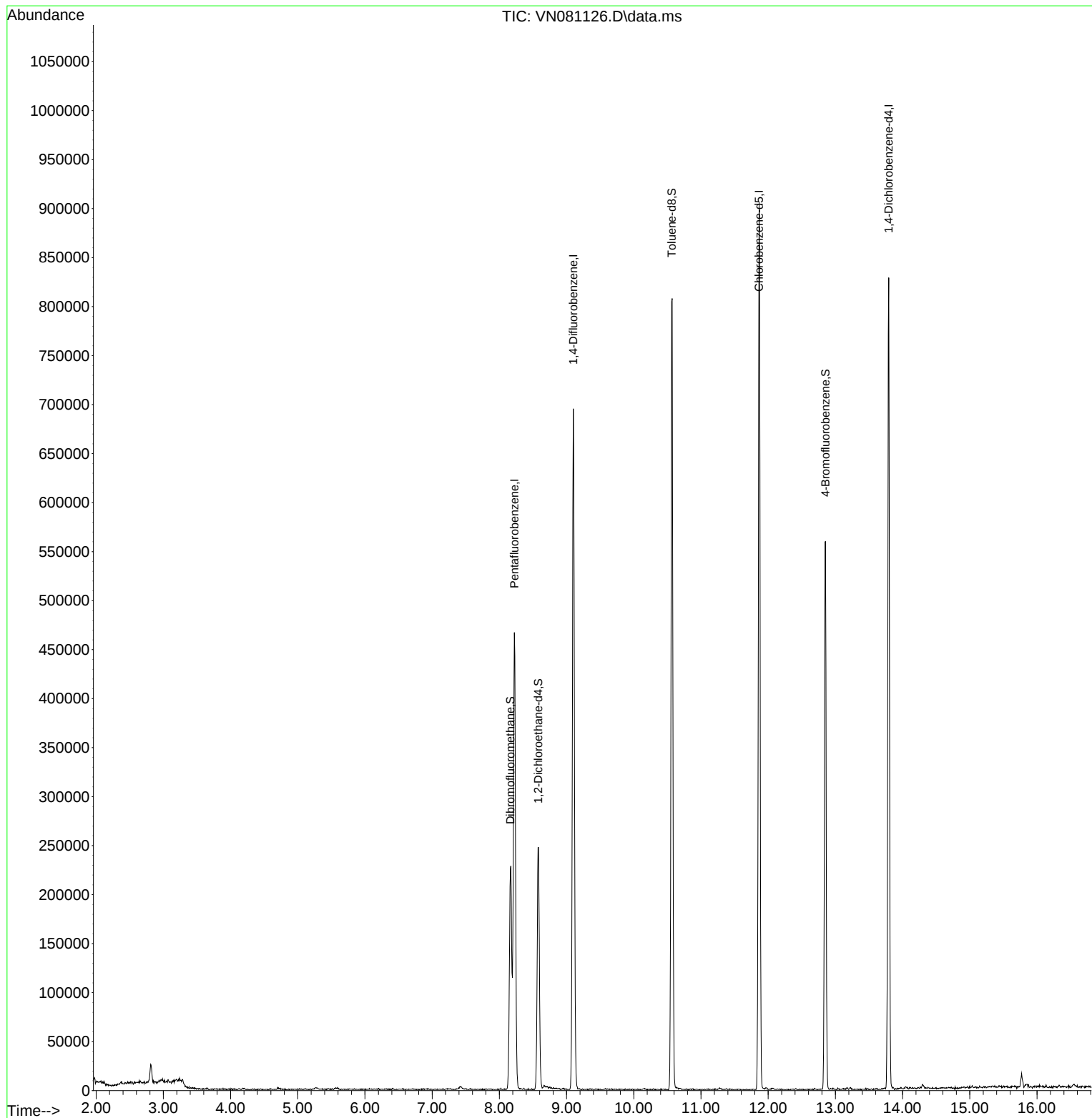
Target Compounds	Qvalue

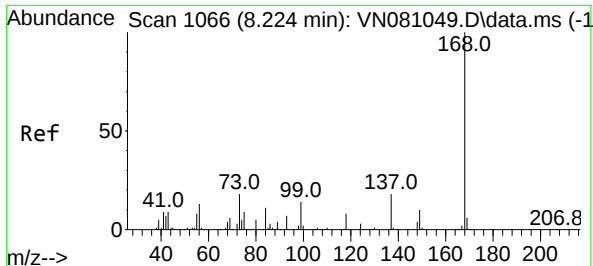
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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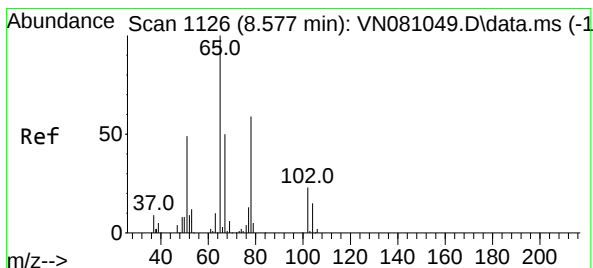
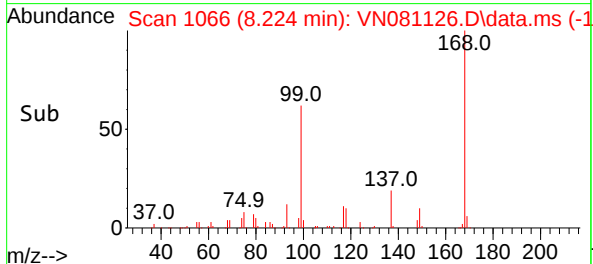
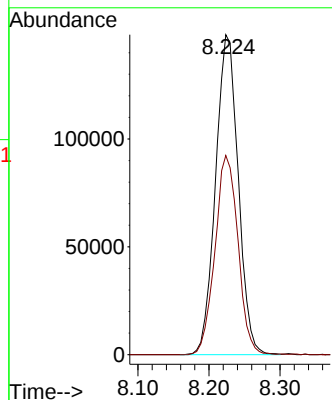
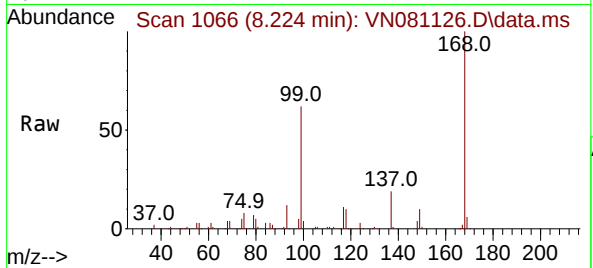




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081126.D
Acq: 22 Feb 2024 11:26

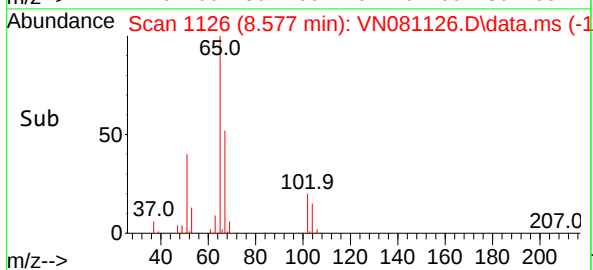
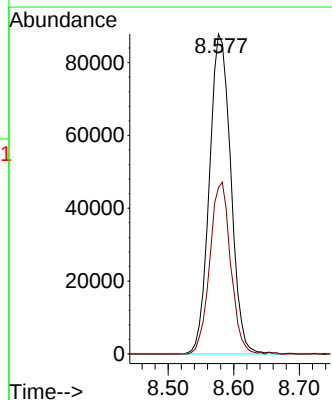
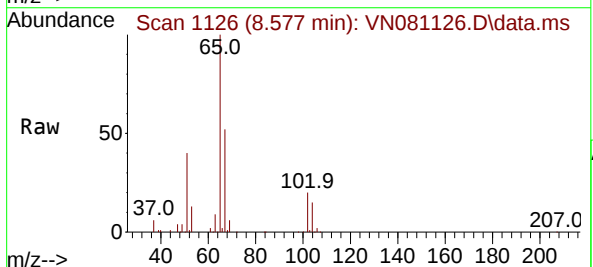
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBL01

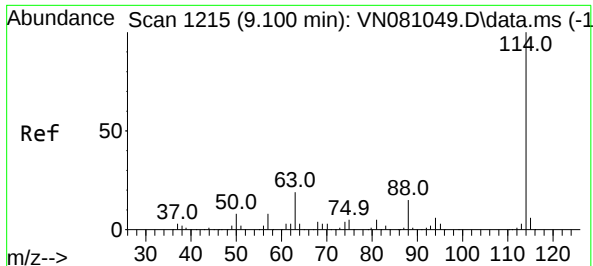
Tgt Ion:168 Resp: 328099
Ion Ratio Lower Upper
168 100
99 62.2 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 49.477 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081126.D
Acq: 22 Feb 2024 11:26

Tgt Ion: 65 Resp: 198974
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.4

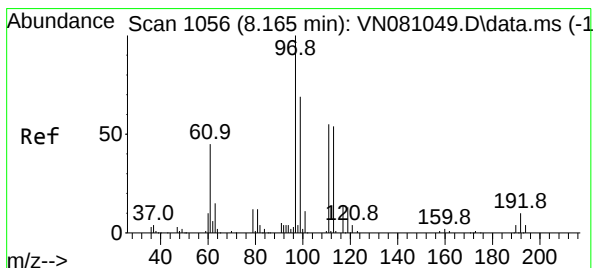
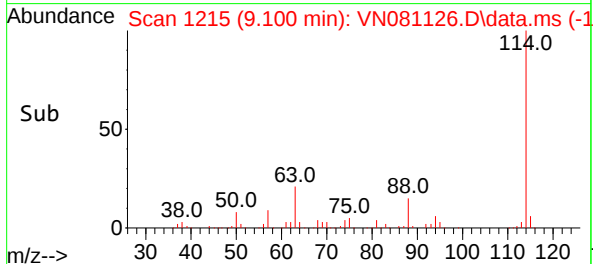
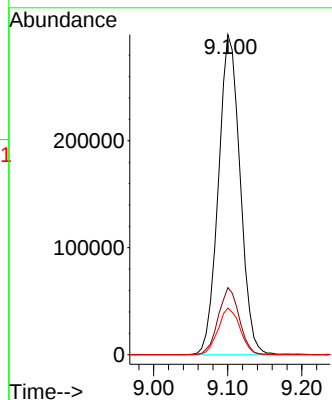
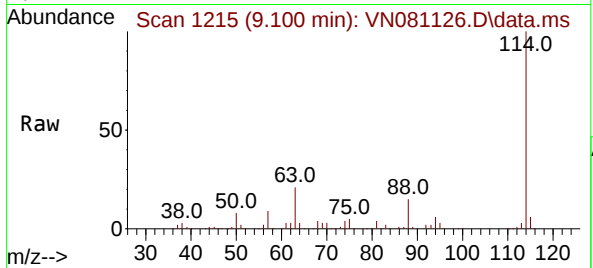




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081126.D
Acq: 22 Feb 2024 11:26

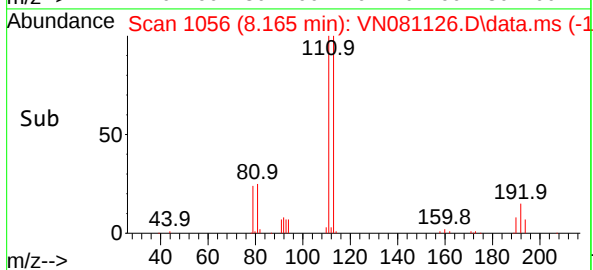
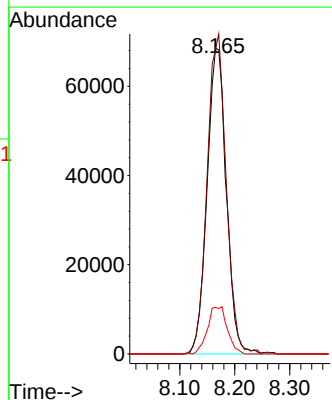
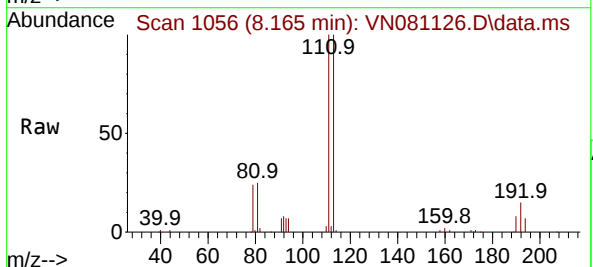
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBL01

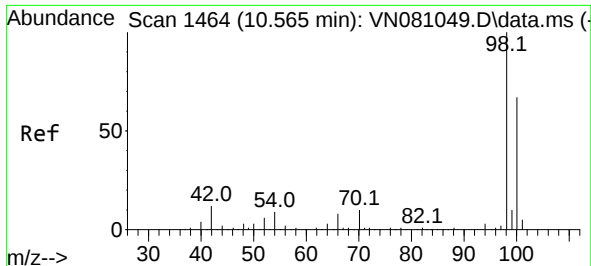
Tgt Ion:114 Resp: 608103
Ion Ratio Lower Upper
114 100
63 20.9 0.0 48.0
88 14.6 0.0 34.8



#35
Dibromofluoromethane
Concen: 48.480 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081126.D
Acq: 22 Feb 2024 11:26

Tgt Ion:113 Resp: 166705
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 15.9 12.5 18.7

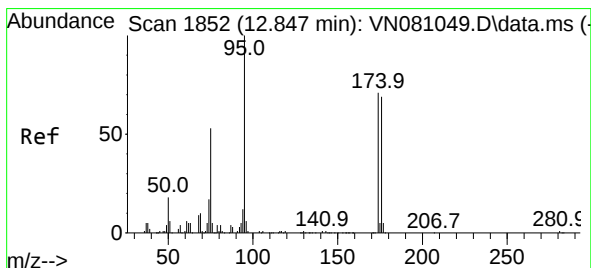
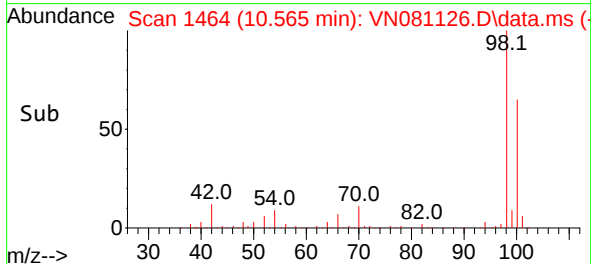
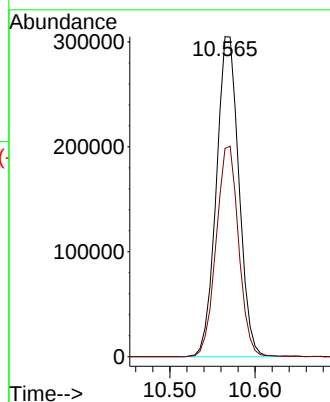
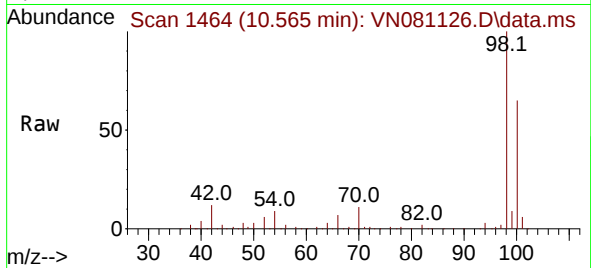




#50
Toluene-d8
Concen: 45.959 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN081126.D
Acq: 22 Feb 2024 11:26

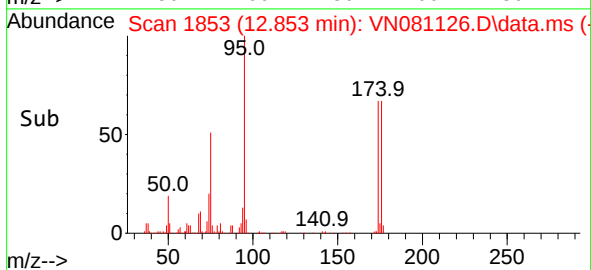
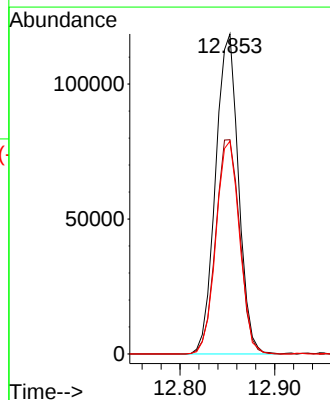
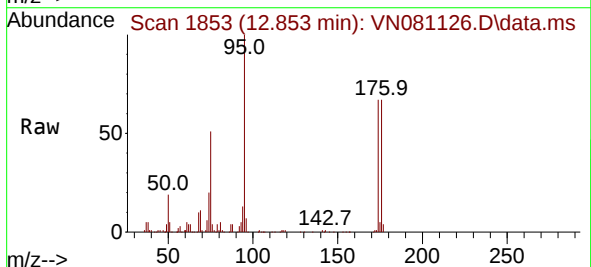
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBL01

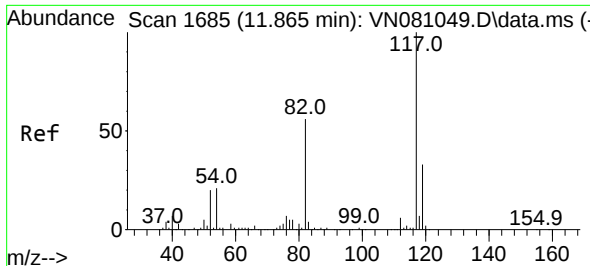
Tgt Ion: 98 Resp: 561304
Ion Ratio Lower Upper
98 100
100 65.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 43.488 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081126.D
Acq: 22 Feb 2024 11:26

Tgt Ion: 95 Resp: 199571
Ion Ratio Lower Upper
95 100
174 70.4 0.0 120.4
176 68.3 0.0 121.0

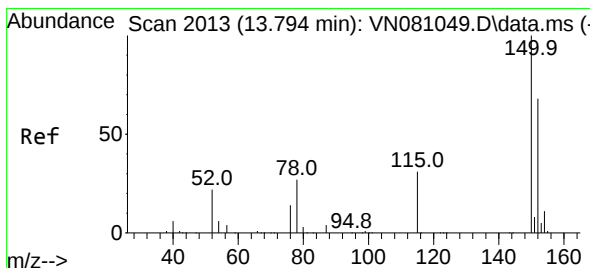
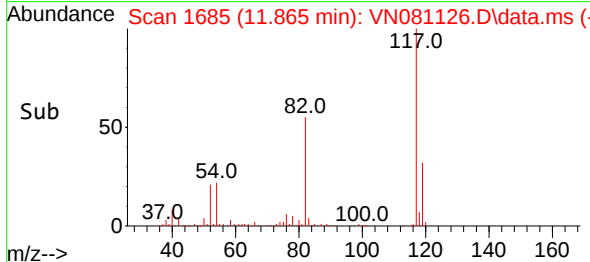
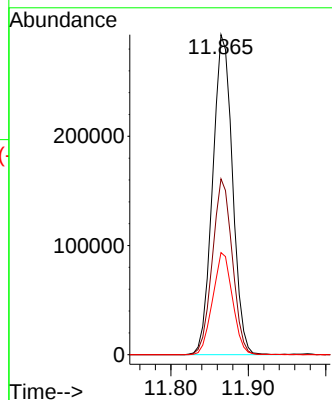
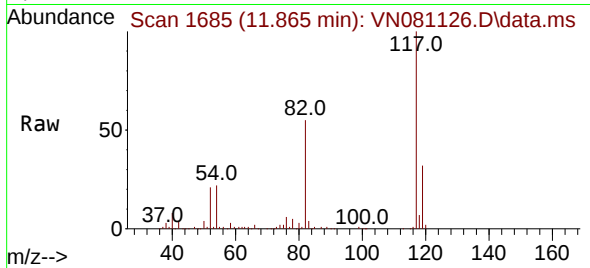




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081126.D
Acq: 22 Feb 2024 11:26

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBL01

Tgt Ion:117 Resp: 521259
Ion Ratio Lower Upper
117 100
82 55.0 52.7 79.1
119 31.9 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: VN081126.D
Acq: 22 Feb 2024 11:26

Tgt Ion:152 Resp: 209083
Ion Ratio Lower Upper
152 100
115 65.2 32.3 96.8
150 162.4 0.0 339.8

