

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083570.D
 Acq On : 30 Aug 2024 12:05
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Aug 31 00:36:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:23:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	112236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	232851	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115641	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	103980	66.288	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	132.580%#
35) Dibromofluoromethane	8.165	113	83343	59.468	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	118.940%
50) Toluene-d8	10.565	98	298058	54.448	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.900%
62) 4-Bromofluorobenzene	12.847	95	127725	63.176	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	126.360%#

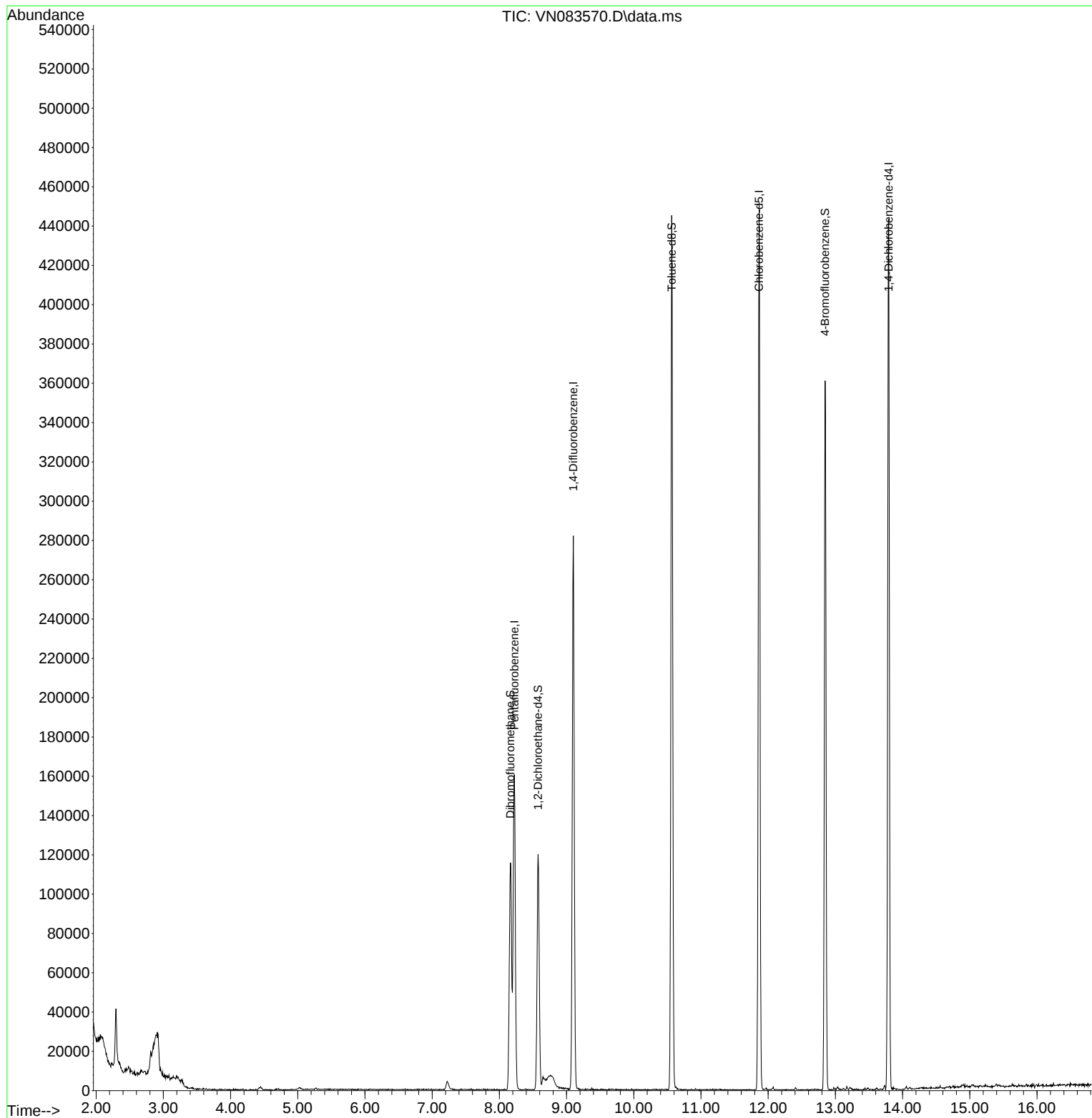
Target Compounds	Qvalue

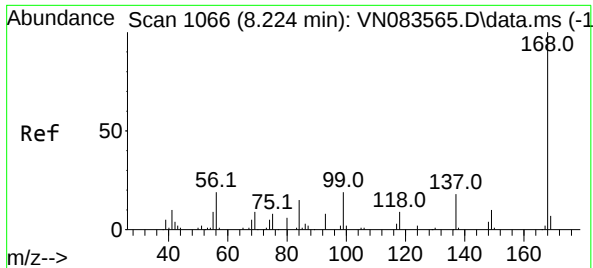
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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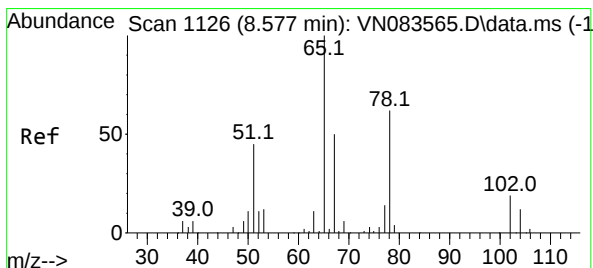
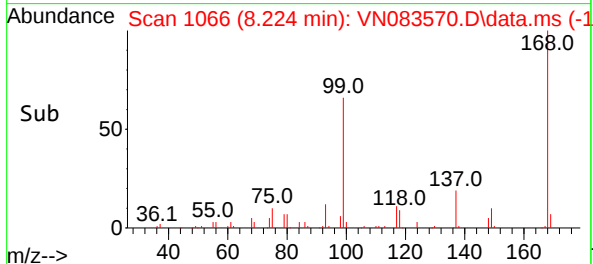
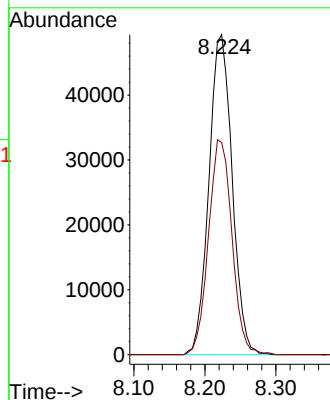
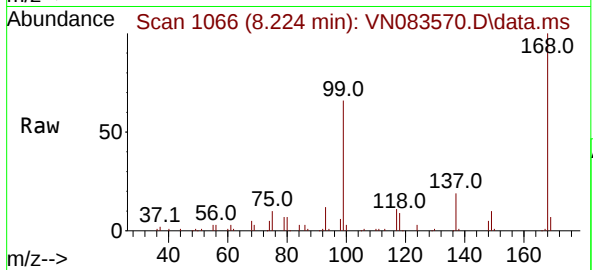




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083570.D
Acq: 30 Aug 2024 12:05

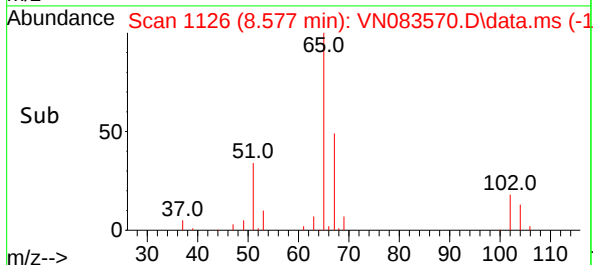
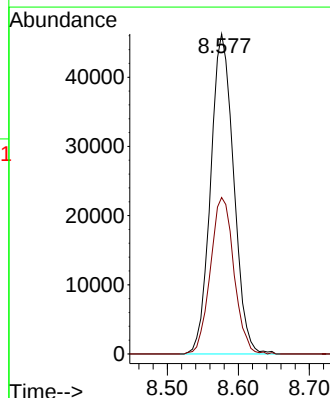
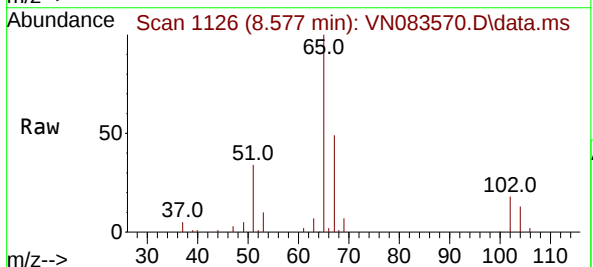
Instrument :
MSVOA_N
ClientSampleId :
IBLK

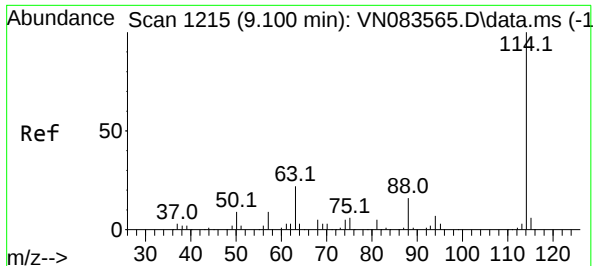
Tgt Ion:168 Resp: 112236
Ion Ratio Lower Upper
168 100
99 66.3 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 66.288 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083570.D
Acq: 30 Aug 2024 12:05

Tgt Ion: 65 Resp: 103980
Ion Ratio Lower Upper
65 100
67 50.0 0.0 100.8

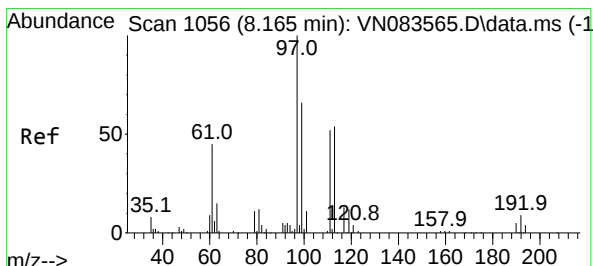
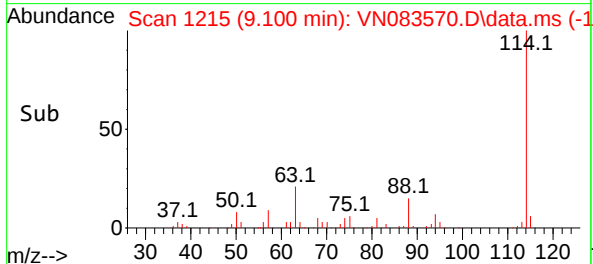
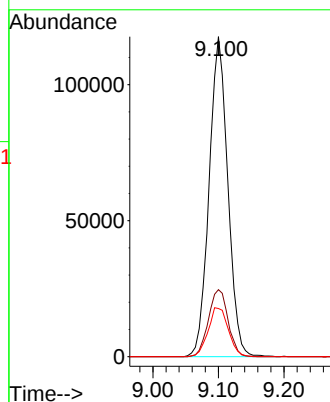
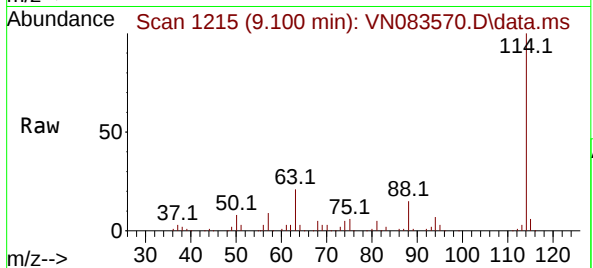




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083570.D
Acq: 30 Aug 2024 12:05

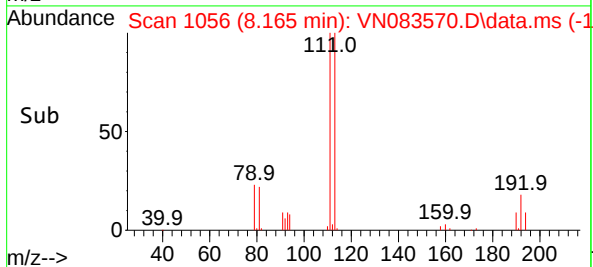
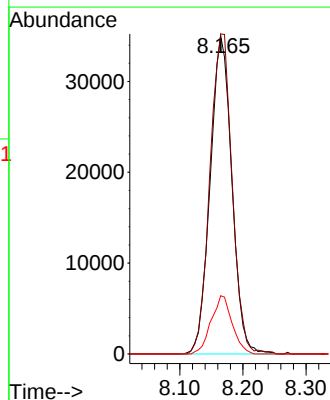
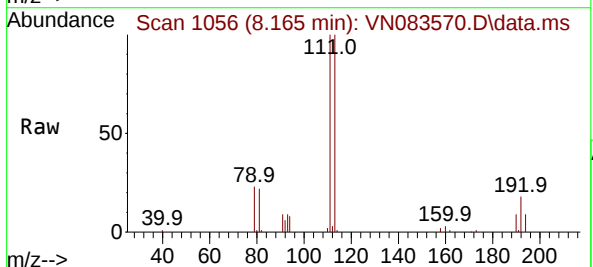
Instrument :
MSVOA_N
ClientSampleId :
IBLK

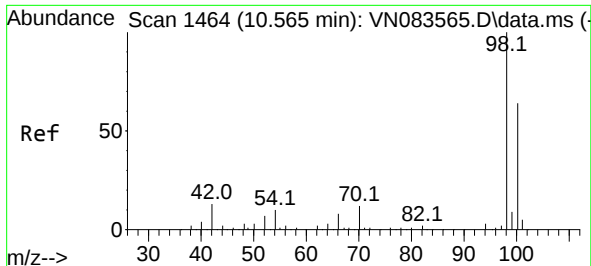
Tgt Ion:114 Resp: 232851
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.4
88 15.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 59.468 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083570.D
Acq: 30 Aug 2024 12:05

Tgt Ion:113 Resp: 83343
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 17.8 14.3 21.5

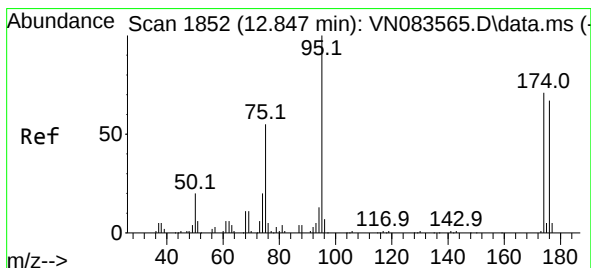
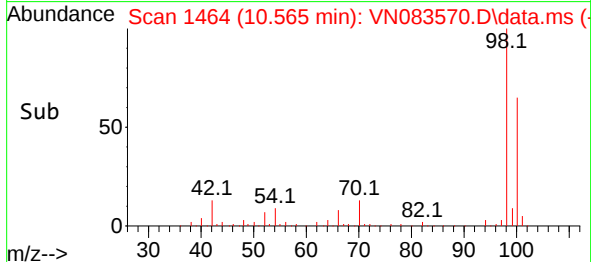
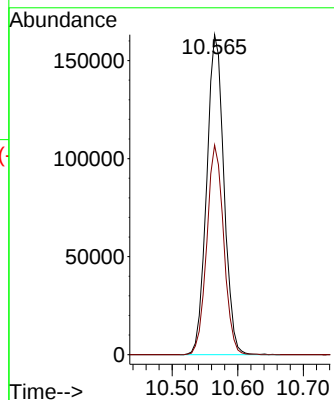
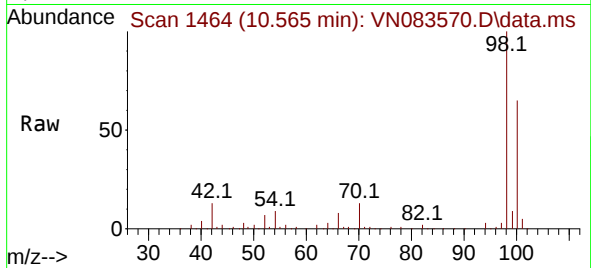




#50
Toluene-d8
Concen: 54.448 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083570.D
Acq: 30 Aug 2024 12:05

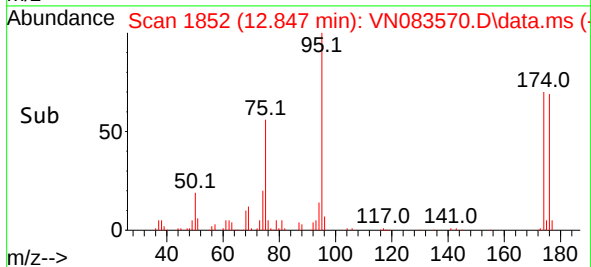
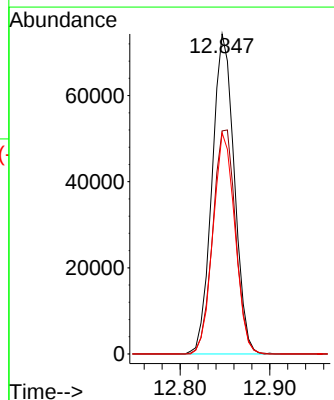
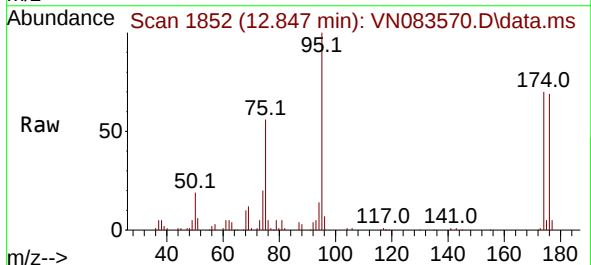
Instrument :
MSVOA_N
ClientSampleId :
IBLK

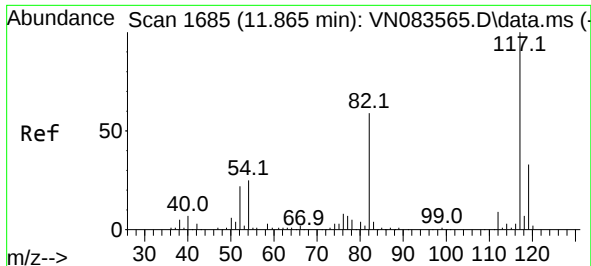
Tgt Ion: 98 Resp: 298058
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 63.176 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083570.D
Acq: 30 Aug 2024 12:05

Tgt Ion: 95 Resp: 127725
Ion Ratio Lower Upper
95 100
174 72.0 0.0 139.8
176 68.3 0.0 131.4

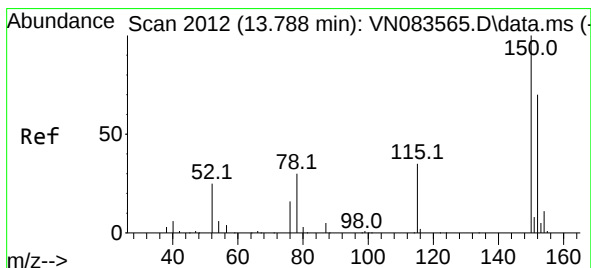
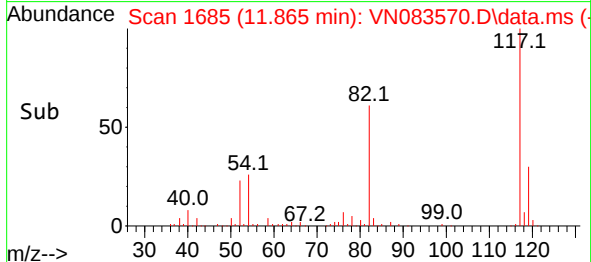
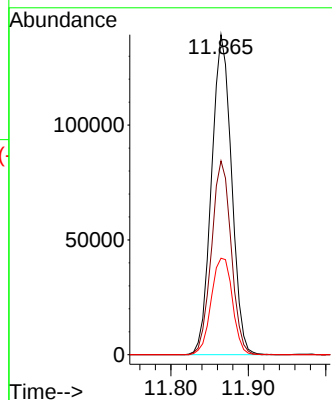
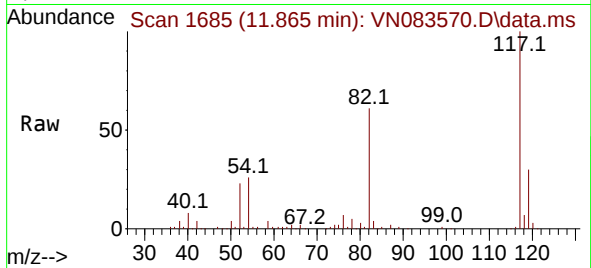




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083570.D
Acq: 30 Aug 2024 12:05

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 249567
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.0
119 30.1 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083570.D
Acq: 30 Aug 2024 12:05

Tgt Ion:152 Resp: 115641
Ion Ratio Lower Upper
152 100
115 64.3 32.2 96.6
150 158.2 0.0 348.6

