

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022525\
 Data File : VN085856.D
 Acq On : 25 Feb 2025 14:49
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 25 23:38:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	329988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	583305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	530333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	237734	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	203067	47.466	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.940%
35) Dibromofluoromethane	8.165	113	181817	47.635	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.280%
50) Toluene-d8	10.565	98	717859	51.693	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.380%
62) 4-Bromofluorobenzene	12.847	95	270607	59.143	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	118.280%

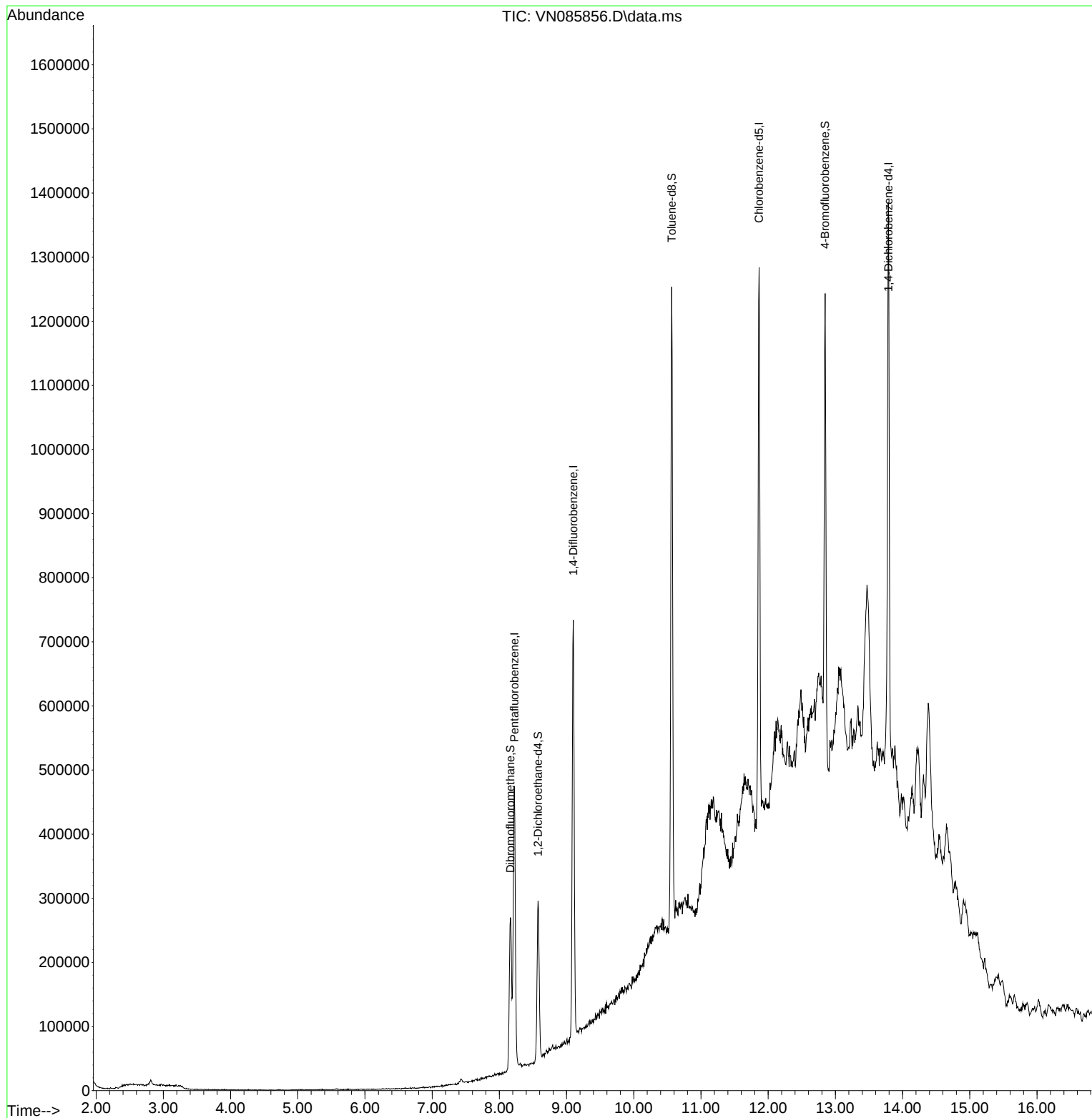
Target Compounds	Qvalue

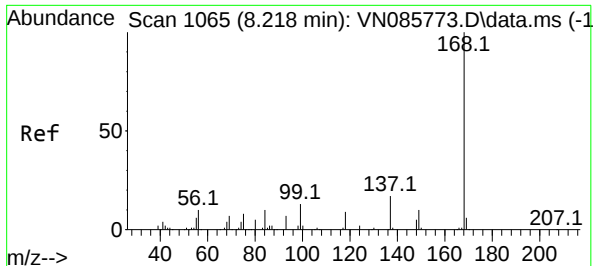
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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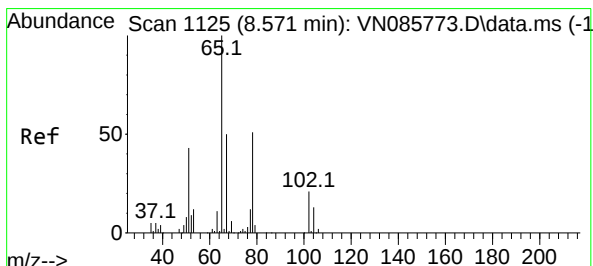
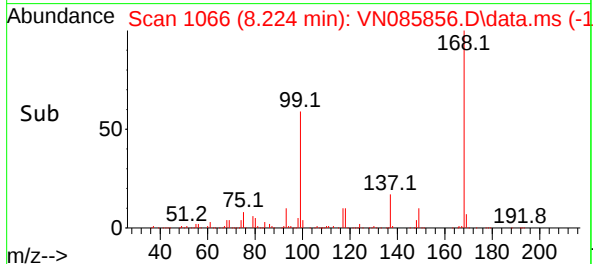
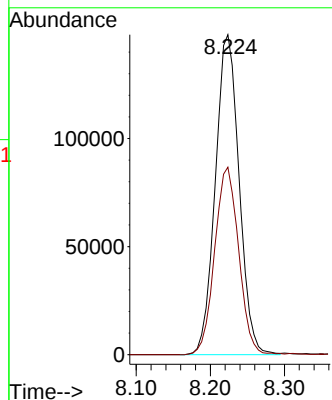
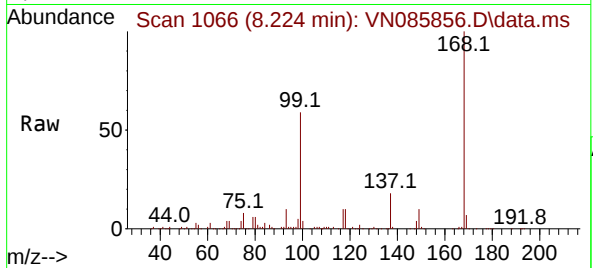




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085856.D
Acq: 25 Feb 2025 14:49

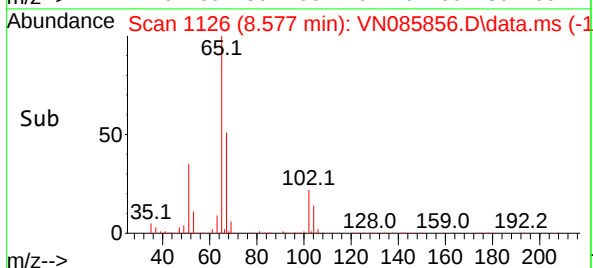
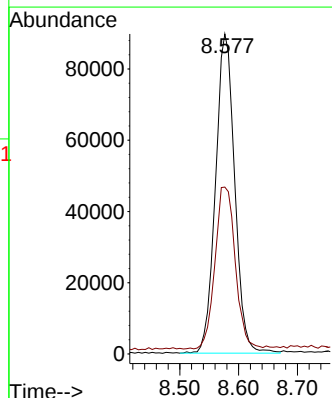
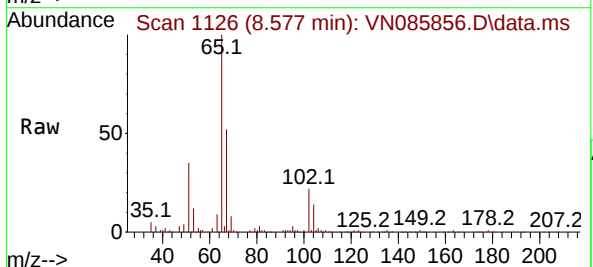
Instrument :
MSVOA_N
ClientSampleId :
IBLK

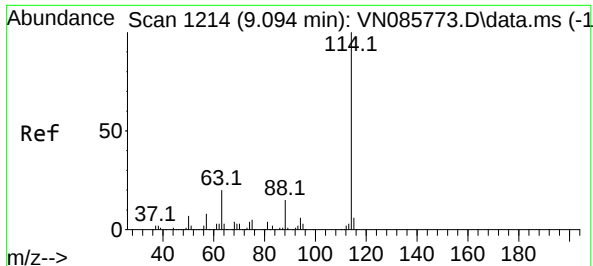
Tgt Ion:168 Resp: 329988
Ion Ratio Lower Upper
168 100
99 58.6 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 47.466 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085856.D
Acq: 25 Feb 2025 14:49

Tgt Ion: 65 Resp: 203067
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.2

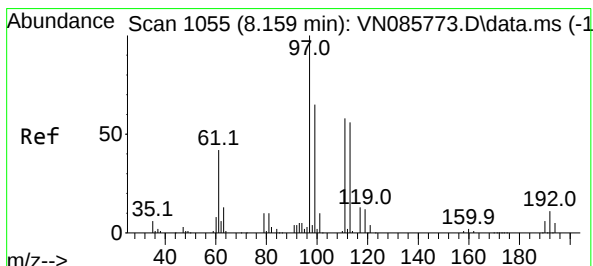
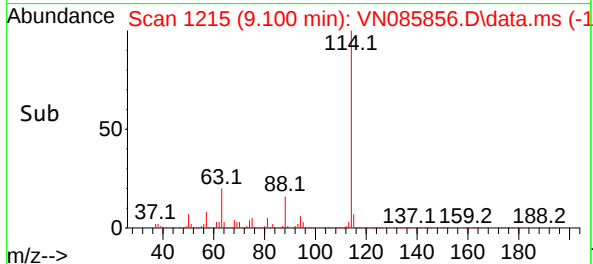
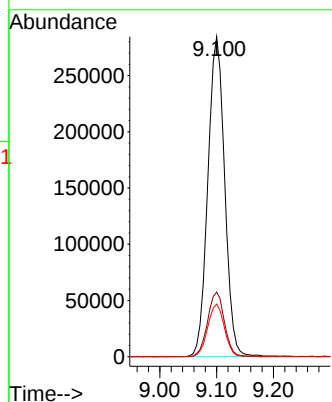
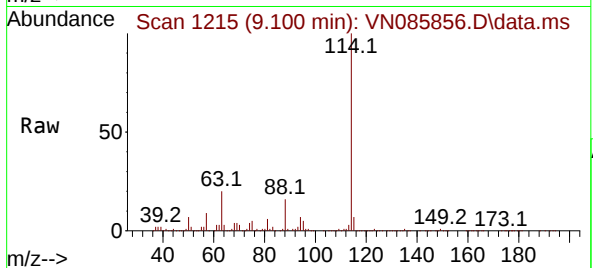




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085856.D
Acq: 25 Feb 2025 14:49

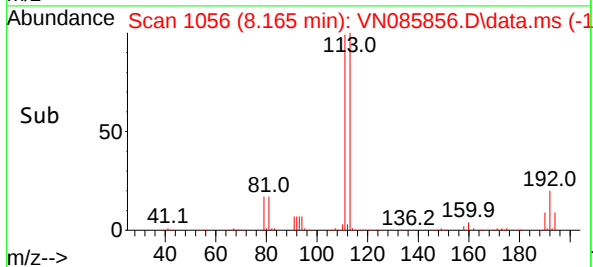
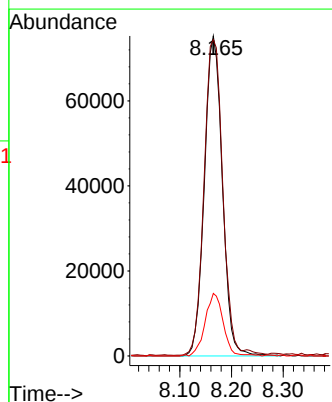
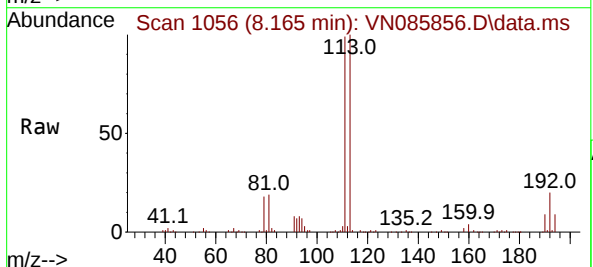
Instrument :
MSVOA_N
ClientSampleId :
IBLK

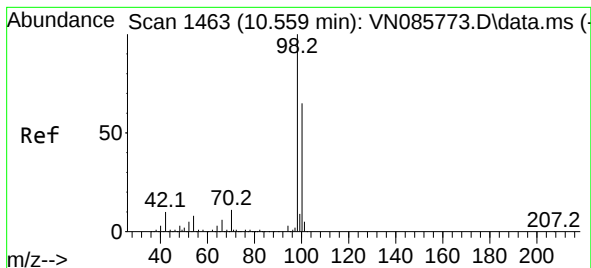
Tgt Ion:114 Resp: 583305
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.2
88 16.5 0.0 30.0



#35
Dibromofluoromethane
Concen: 47.635 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085856.D
Acq: 25 Feb 2025 14:49

Tgt Ion:113 Resp: 181817
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 19.7 14.7 22.1





#50

Toluene-d8

Concen: 51.693 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085856.D

Acq: 25 Feb 2025 14:49

Instrument :

MSVOA_N

ClientSampleId :

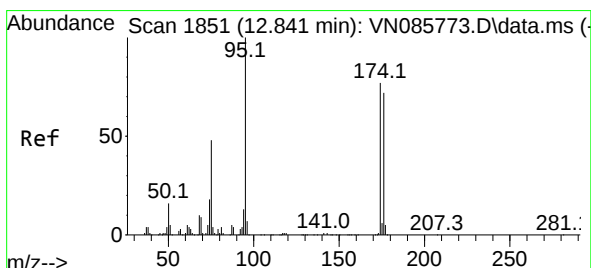
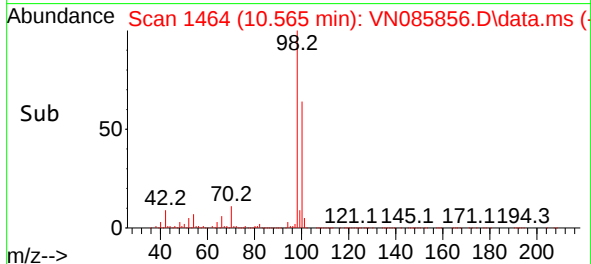
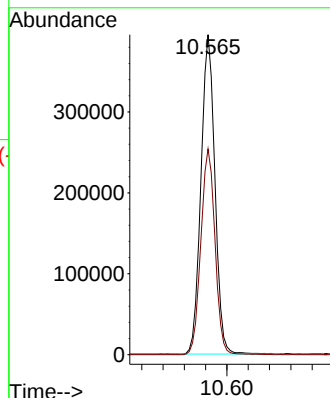
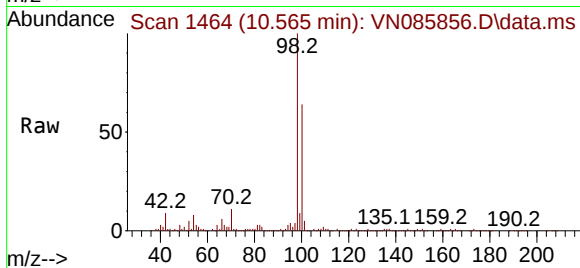
IBLK

Tgt Ion: 98 Resp: 717859

Ion Ratio Lower Upper

98 100

100 65.2 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 59.143 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.006 min

Lab File: VN085856.D

Acq: 25 Feb 2025 14:49

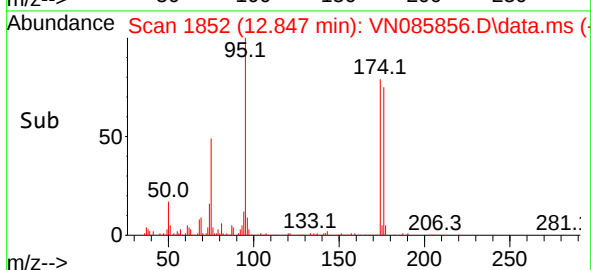
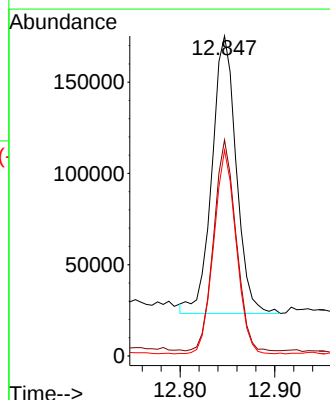
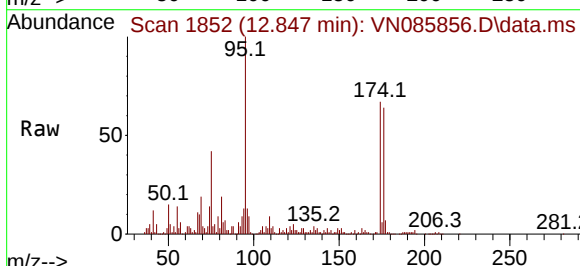
Tgt Ion: 95 Resp: 270607

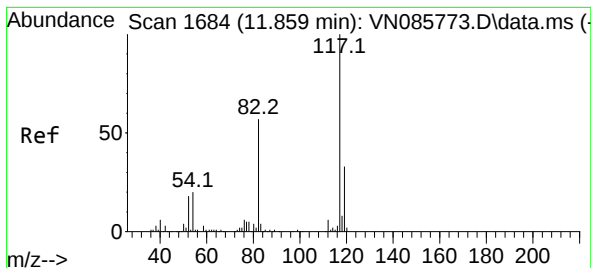
Ion Ratio Lower Upper

95 100

174 69.6 0.0 152.4

176 67.9 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085856.D

Acq: 25 Feb 2025 14:49

Instrument :

MSVOA_N

ClientSampleId :

IBLK

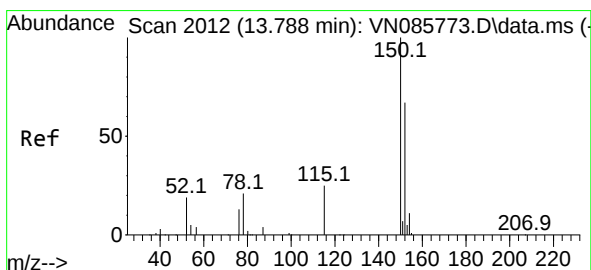
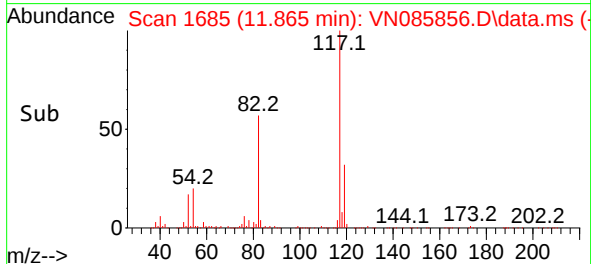
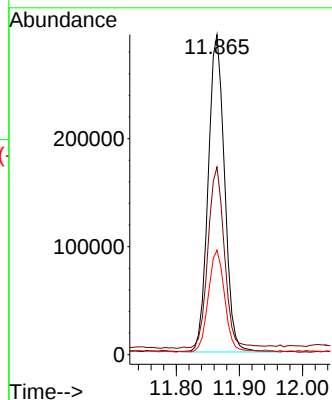
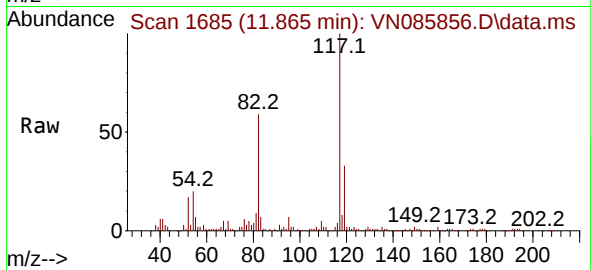
Tgt Ion:117 Resp: 530333

Ion Ratio Lower Upper

117 100

82 57.1 45.7 68.5

119 31.9 26.2 39.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085856.D

Acq: 25 Feb 2025 14:49

Tgt Ion:152 Resp: 237734

Ion Ratio Lower Upper

152 100

115 63.1 30.4 91.3

150 157.3 0.0 345.4

