

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041725\
 Data File : VN086323.D
 Acq On : 17 Apr 2025 15:42
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 18 01:32:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

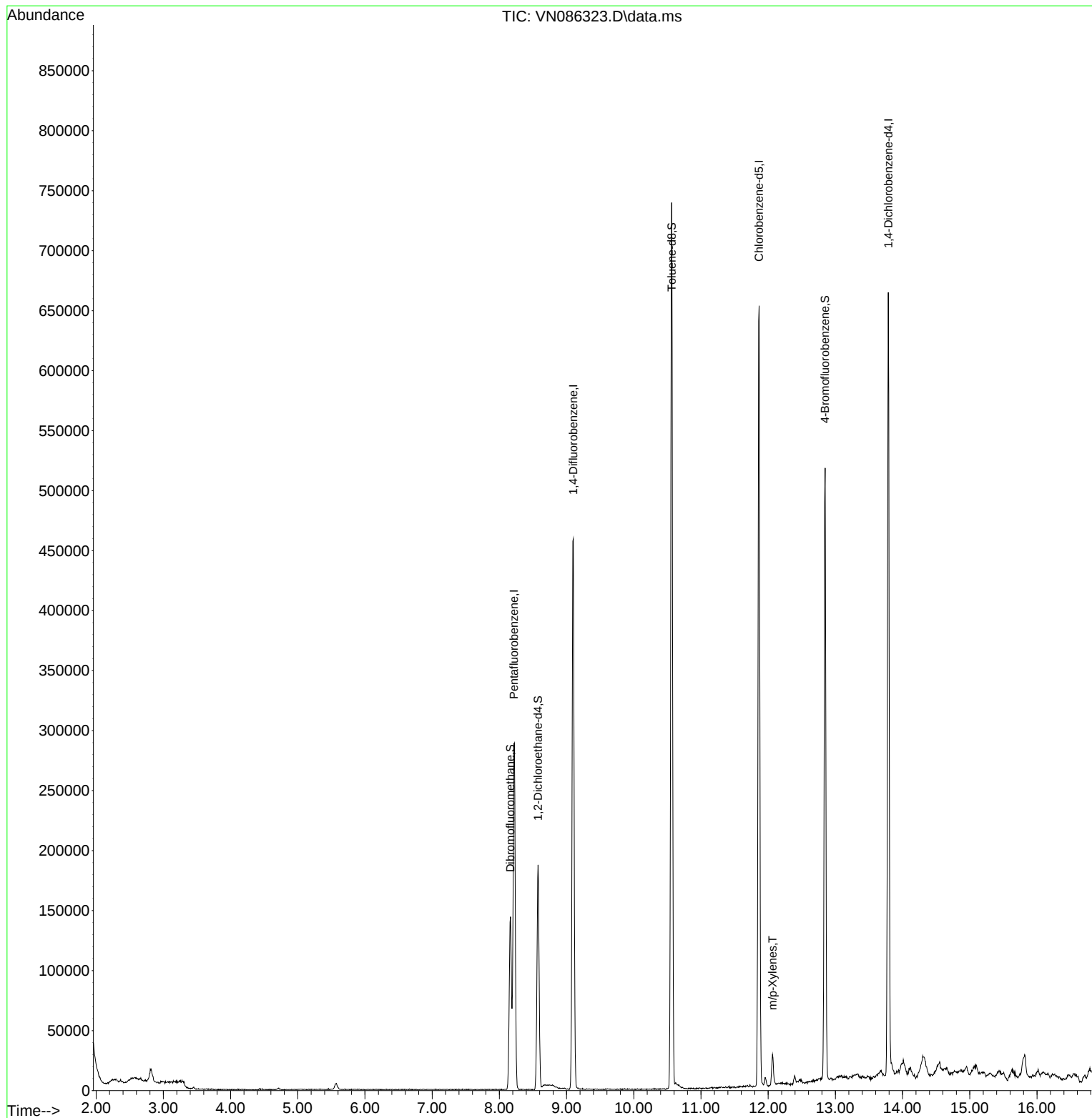
Internal Standards						
1) Pentafluorobenzene	8.218	168	213344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	413360	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	379743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	172906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	152250	49.213	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.420%
35) Dibromofluoromethane	8.165	113	106643	55.588	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.180%
50) Toluene-d8	10.565	98	518432	50.563	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.120%
62) 4-Bromofluorobenzene	12.847	95	191313	51.156	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.320%
Target Compounds						Qvalue
68) m/p-Xylenes	12.065	106	8447	1.474	ug/l	99

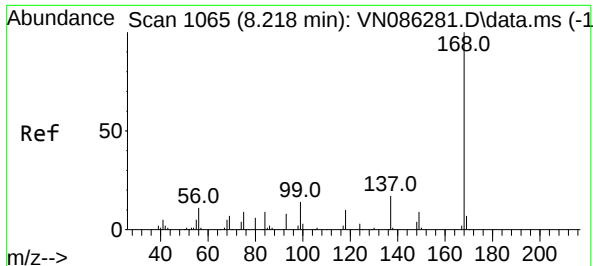
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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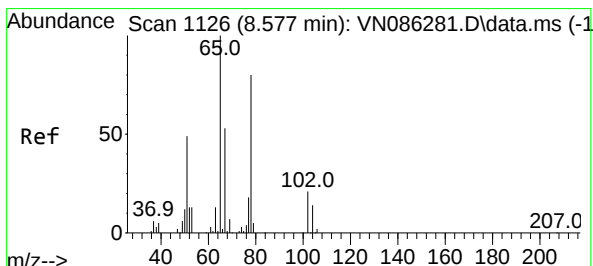
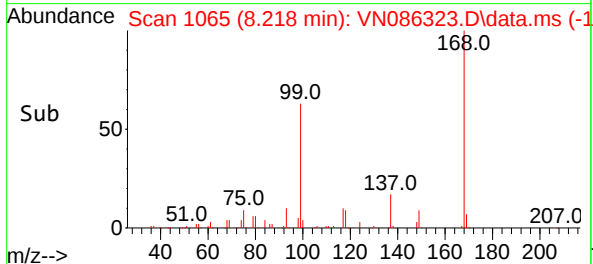
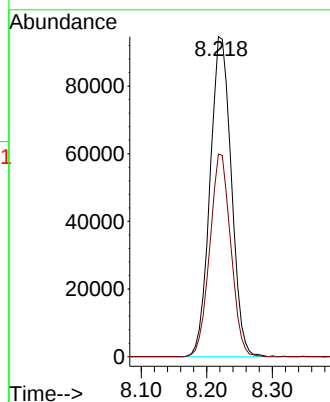
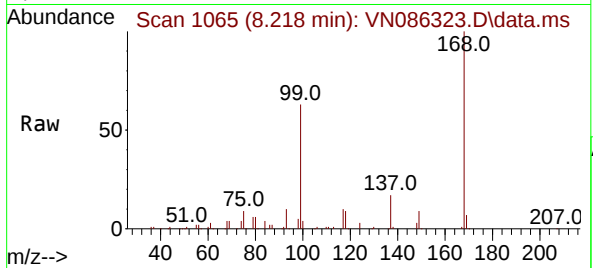




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086323.D
Acq: 17 Apr 2025 15:42

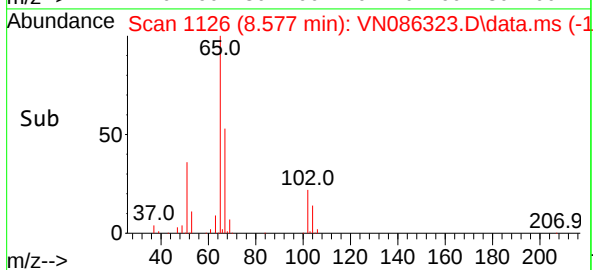
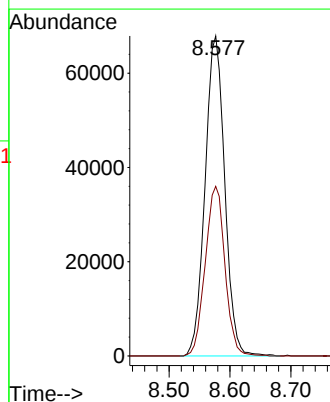
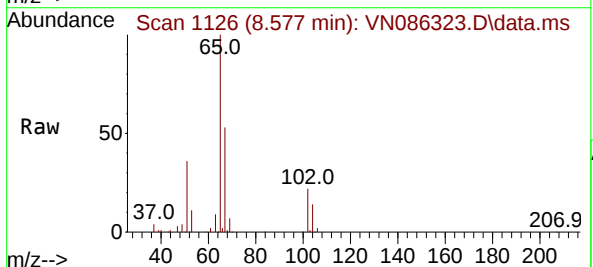
Instrument :
MSVOA_N
ClientSampleId :
IBLK

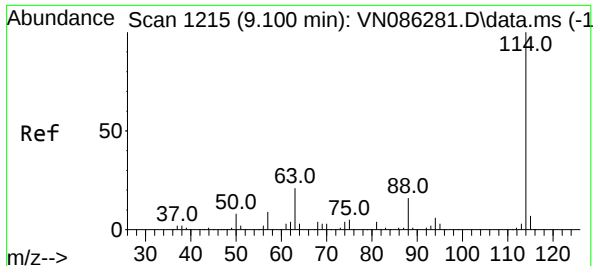
Tgt Ion:168 Resp: 213344
Ion Ratio Lower Upper
168 100
99 63.3 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 49.213 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086323.D
Acq: 17 Apr 2025 15:42

Tgt Ion: 65 Resp: 152250
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086323.D

Acq: 17 Apr 2025 15:42

Instrument :

MSVOA_N

ClientSampleId :

IBLK

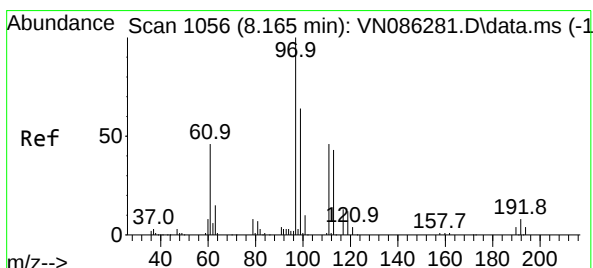
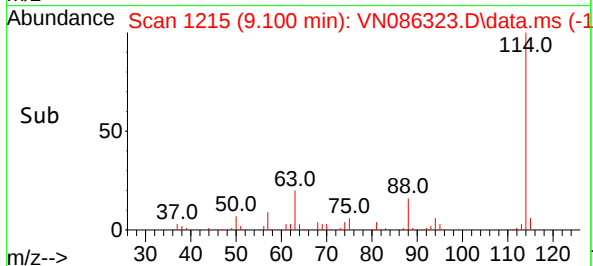
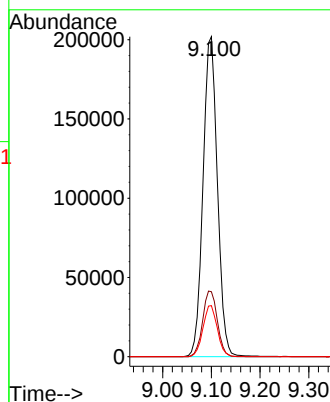
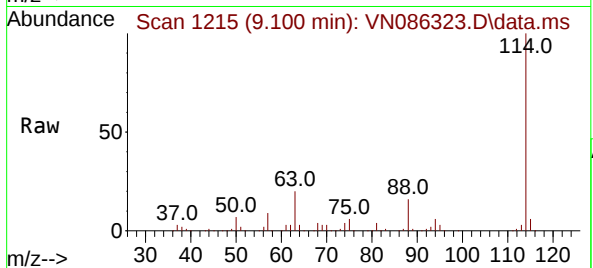
Tgt Ion:114 Resp: 413360

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

88 15.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.588 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086323.D

Acq: 17 Apr 2025 15:42

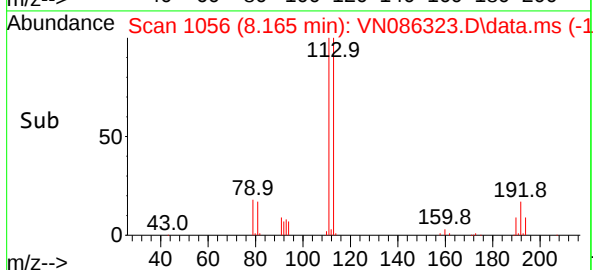
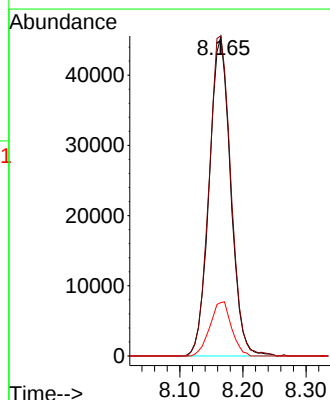
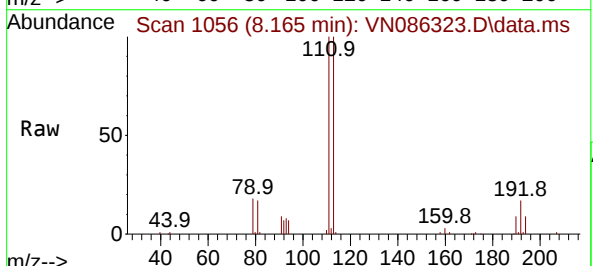
Tgt Ion:113 Resp: 106643

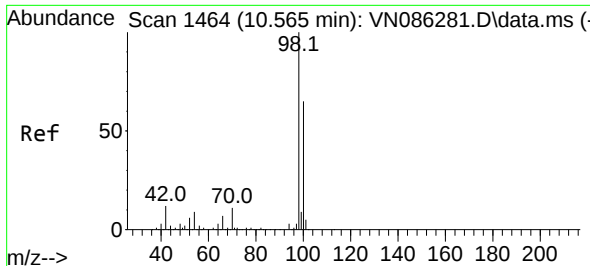
Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.0

192 17.1 13.7 20.5

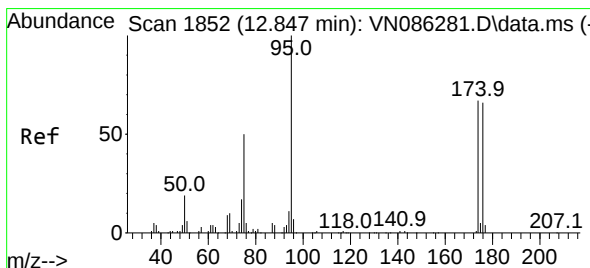
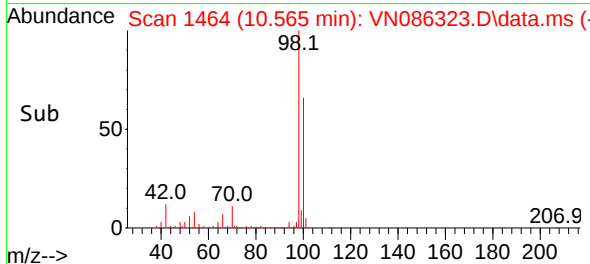
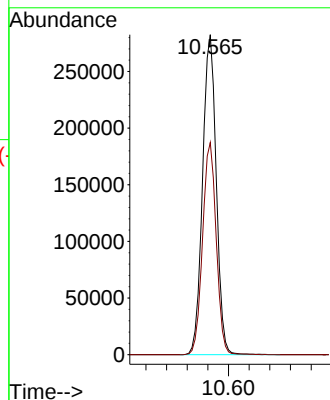
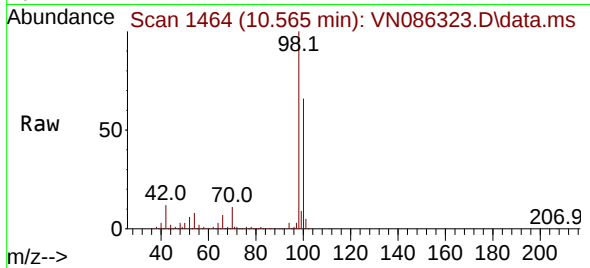




#50
Toluene-d8
Concen: 50.563 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086323.D
Acq: 17 Apr 2025 15:42

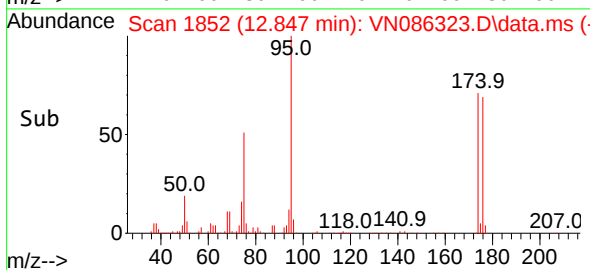
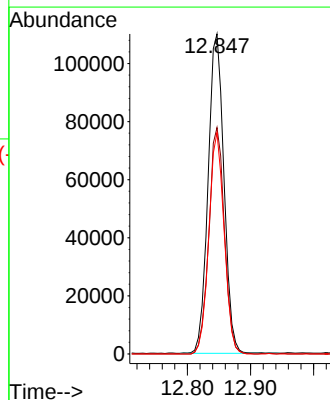
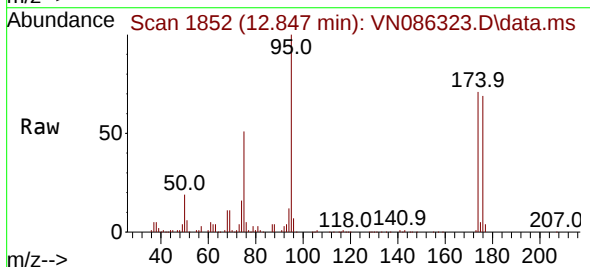
Instrument :
MSVOA_N
ClientSampleId :
IBLK

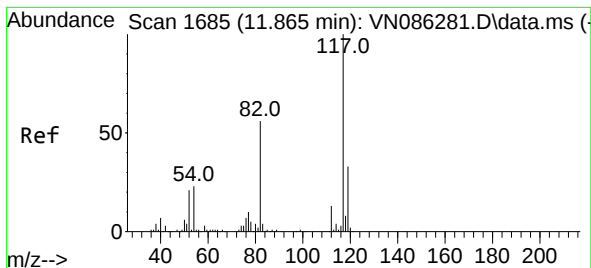
Tgt Ion: 98 Resp: 518432
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 51.156 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086323.D
Acq: 17 Apr 2025 15:42

Tgt Ion: 95 Resp: 191313
Ion Ratio Lower Upper
95 100
174 69.6 0.0 133.4
176 66.9 0.0 129.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086323.D

Acq: 17 Apr 2025 15:42

Instrument :

MSVOA_N

ClientSampleId :

IBLK

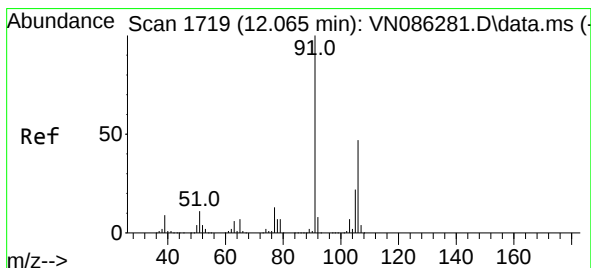
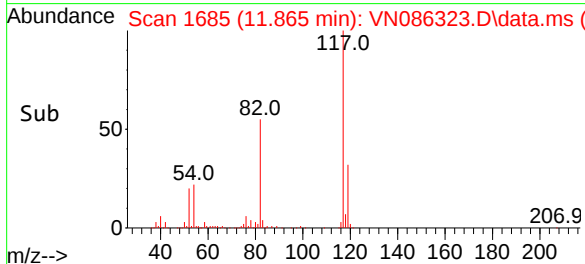
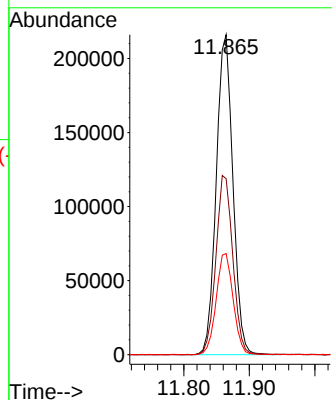
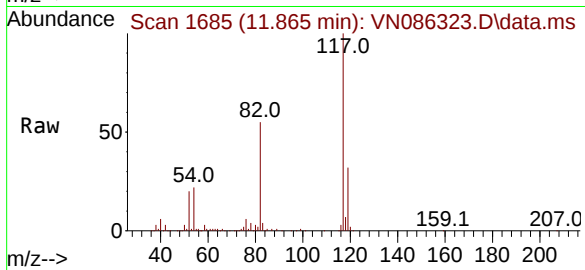
Tgt Ion:117 Resp: 379743

Ion Ratio Lower Upper

117 100

82 55.0 44.7 67.1

119 31.6 26.4 39.6



#68

m/p-Xylenes

Concen: 1.474 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.000 min

Lab File: VN086323.D

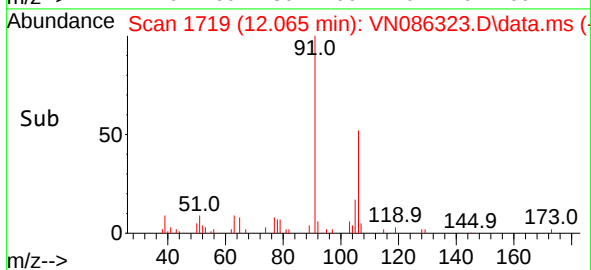
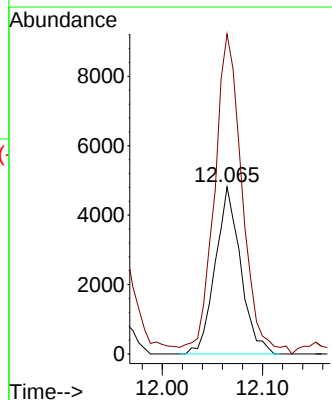
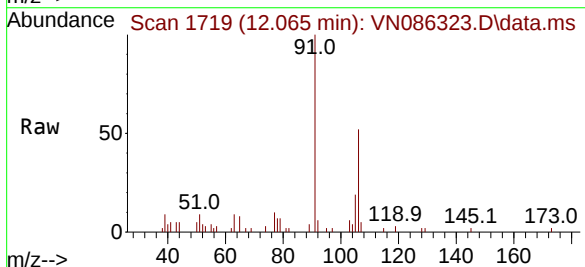
Acq: 17 Apr 2025 15:42

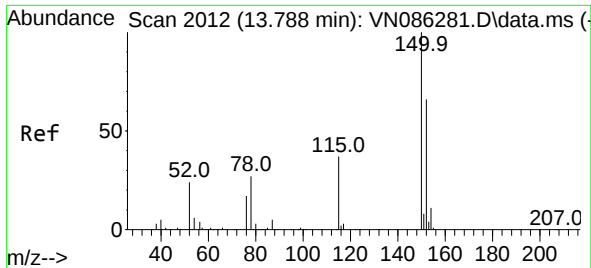
Tgt Ion:106 Resp: 8447

Ion Ratio Lower Upper

106 100

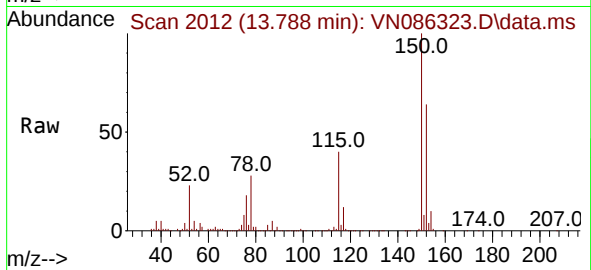
91 209.2 166.5 249.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086323.D
 Acq: 17 Apr 2025 15:42

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:152 Resp: 172906
 Ion Ratio Lower Upper
 152 100
 115 61.5 31.9 95.9
 150 157.9 0.0 352.0

