

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041725\
 Data File : VN086322.D
 Acq On : 17 Apr 2025 15:18
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 18 02:57:10 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)

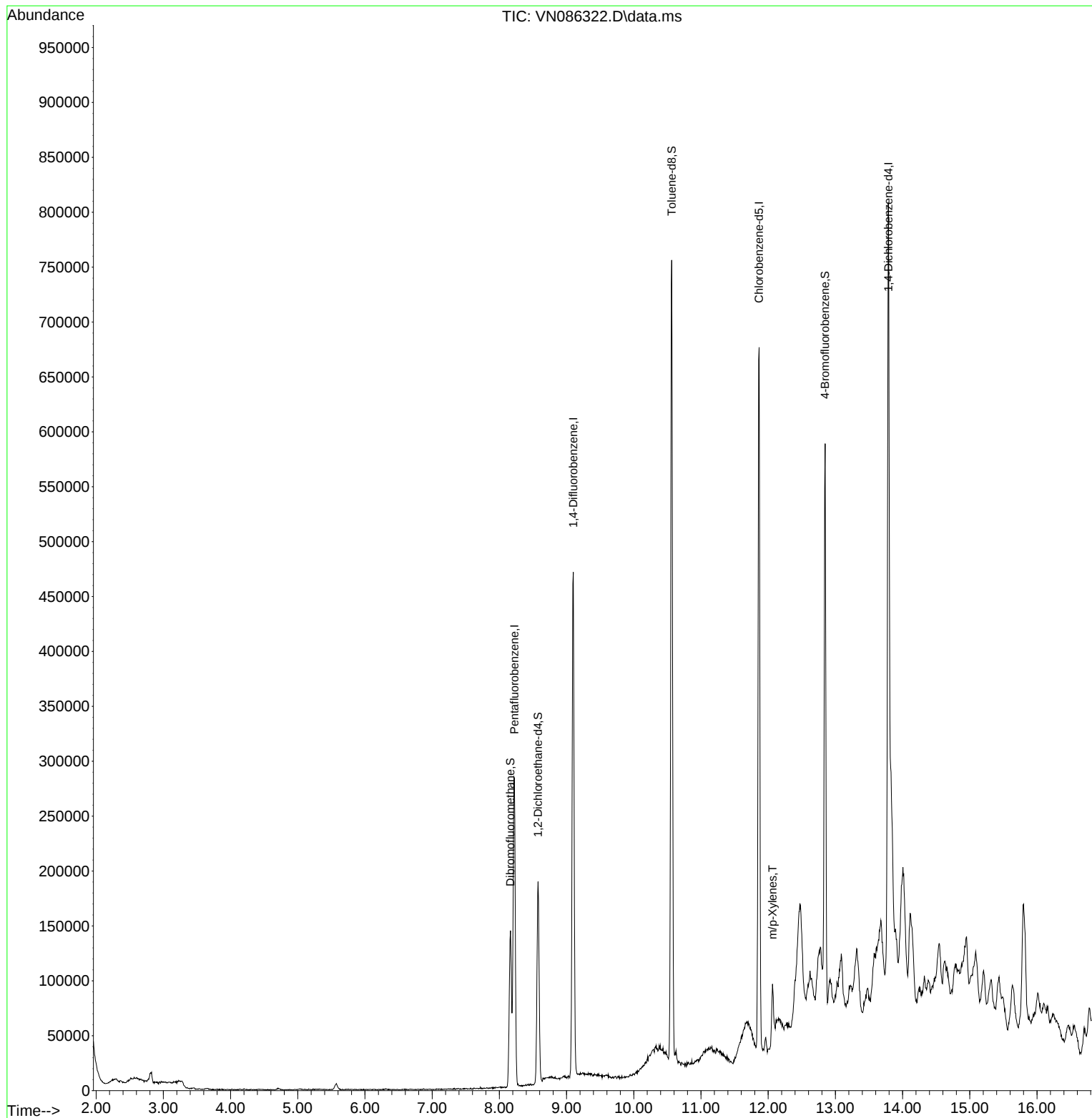
Internal Standards						
1) Pentafluorobenzene	8.224	168	210704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	409904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	384613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	172899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	150222	49.166	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.340%
35) Dibromofluoromethane	8.165	113	106546	56.006	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.020%
50) Toluene-d8	10.565	98	518940	51.039	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.080%
62) 4-Bromofluorobenzene	12.847	95	195648	52.757	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.520%
Target Compounds						
					Qvalue	
68) m/p-Xylenes	12.065	106	17884	3.082	ug/l	88

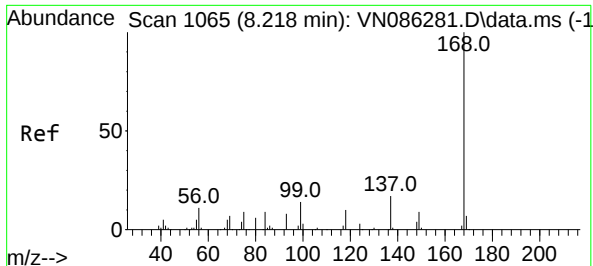
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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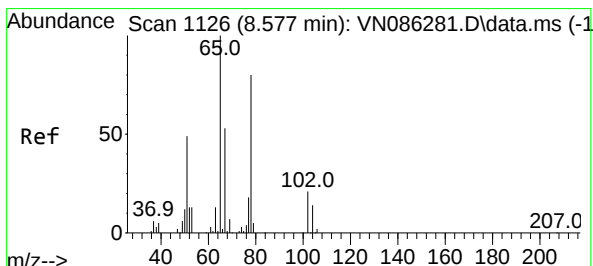
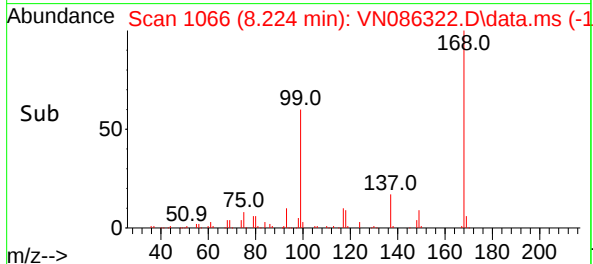
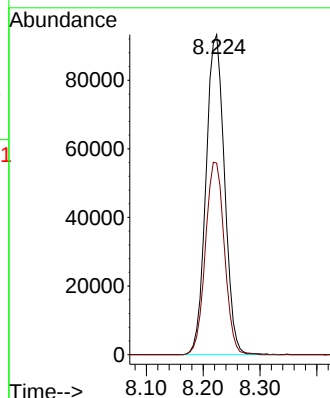
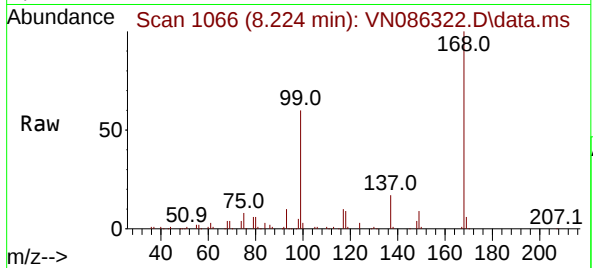




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN086322.D
Acq: 17 Apr 2025 15:18

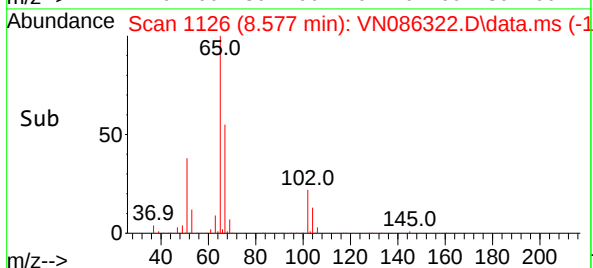
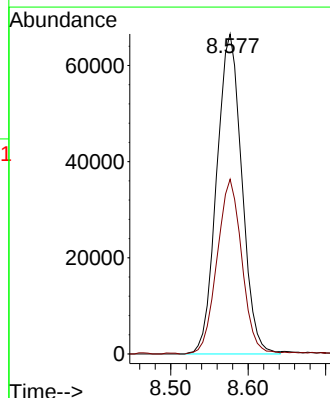
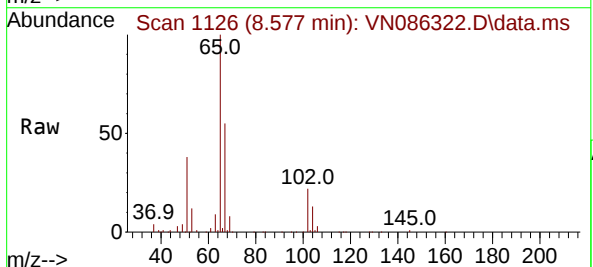
Instrument :
MSVOA_N
ClientSampleId :
IBLK

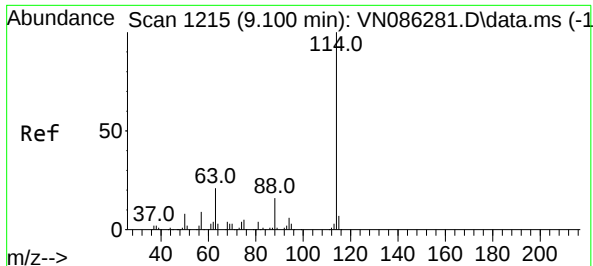
Tgt Ion:168 Resp: 210704
Ion Ratio Lower Upper
168 100
99 59.9 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 49.166 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086322.D
Acq: 17 Apr 2025 15:18

Tgt Ion: 65 Resp: 150222
Ion Ratio Lower Upper
65 100
67 54.0 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: VN086322.D

Acq: 17 Apr 2025 15:18

Instrument :

MSVOA_N

ClientSampleId :

IBLK

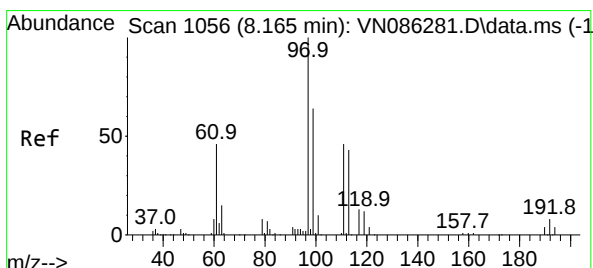
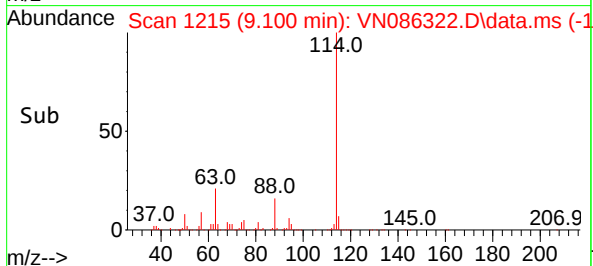
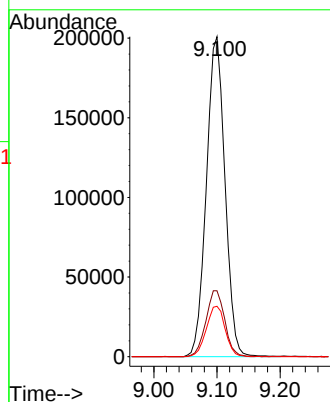
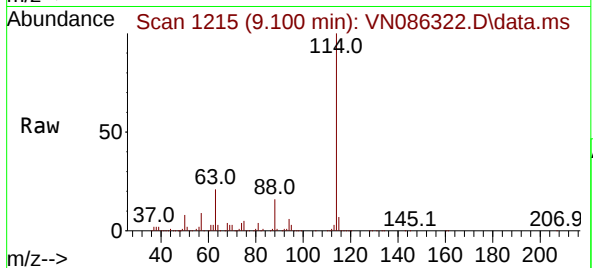
Tgt Ion:114 Resp: 409904

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

88 15.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.006 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086322.D

Acq: 17 Apr 2025 15:18

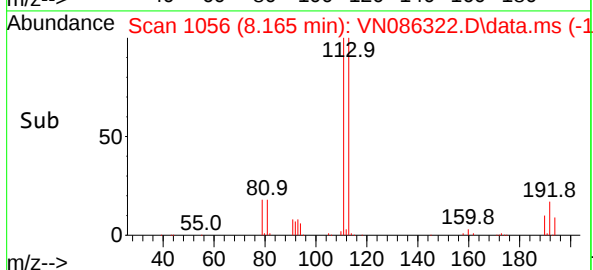
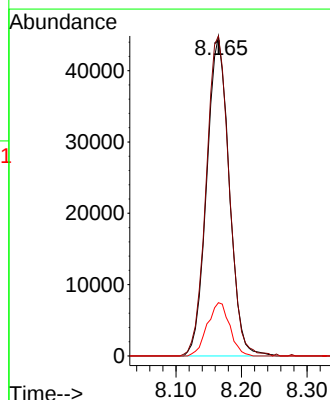
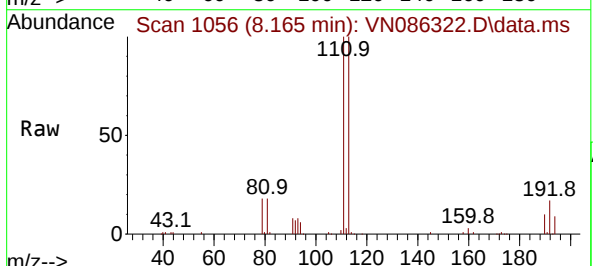
Tgt Ion:113 Resp: 106546

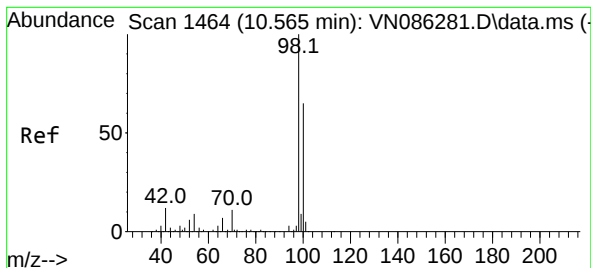
Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.0

192 16.7 13.7 20.5

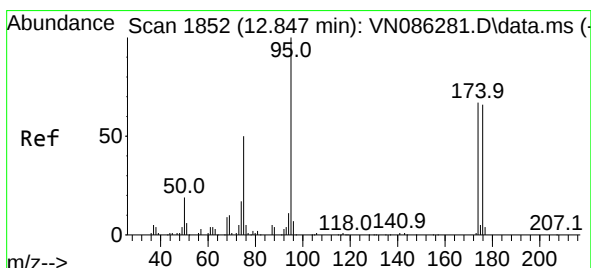
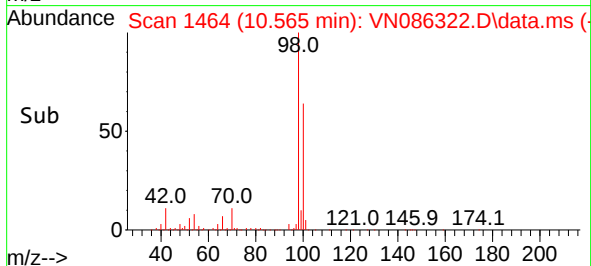
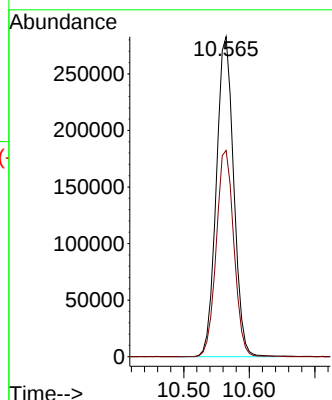
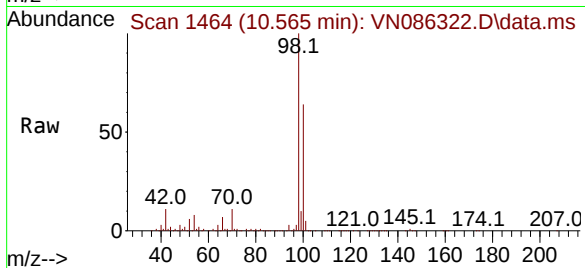




#50
Toluene-d8
Concen: 51.039 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086322.D
Acq: 17 Apr 2025 15:18

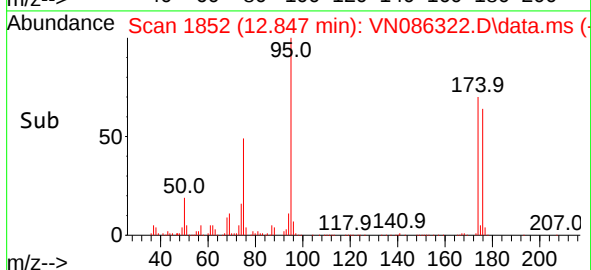
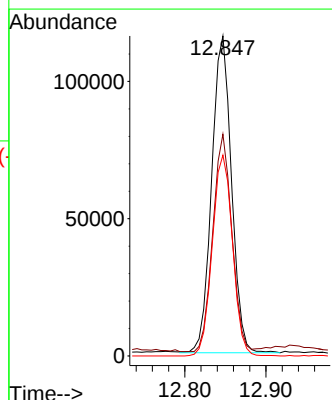
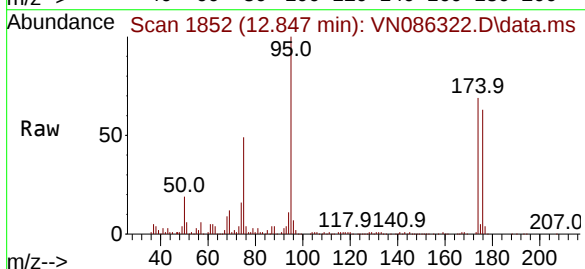
Instrument :
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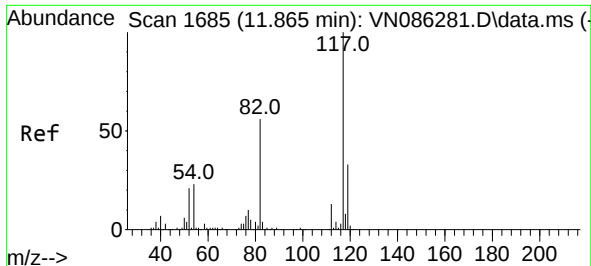
Tgt Ion: 98 Resp: 518940
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 52.757 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086322.D
Acq: 17 Apr 2025 15:18

Tgt Ion: 95 Resp: 195648
Ion Ratio Lower Upper
95 100
174 67.6 0.0 133.4
176 64.8 0.0 129.2

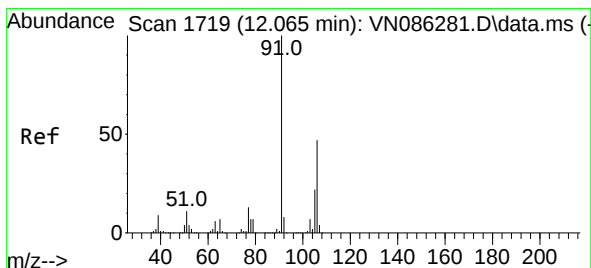
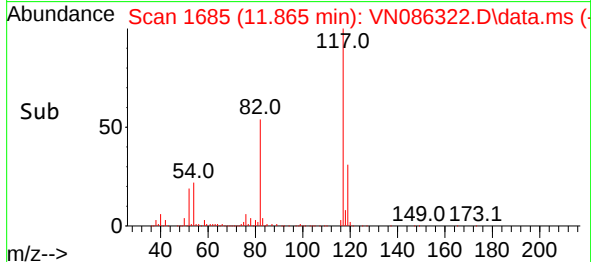
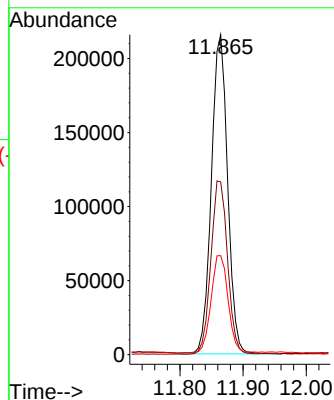
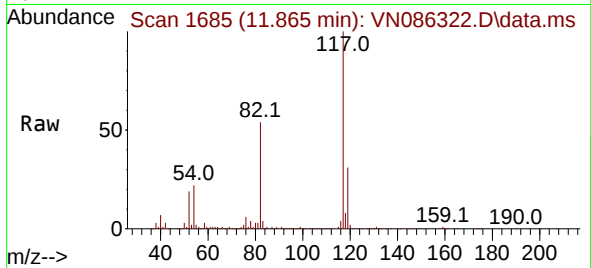




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN086322.D
Acq: 17 Apr 2025 15:18

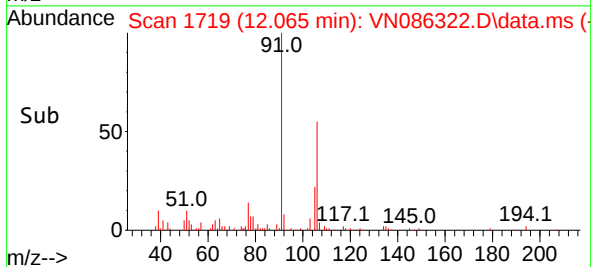
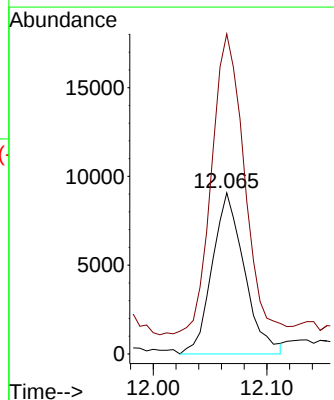
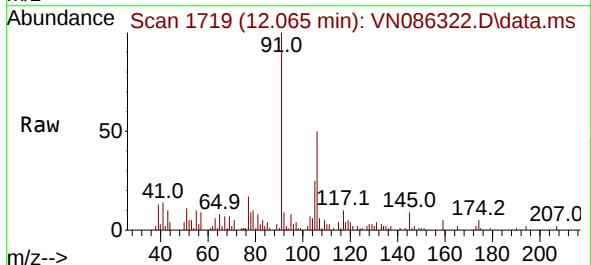
Instrument :
MSVOA_N
ClientSampleId :
IBLK

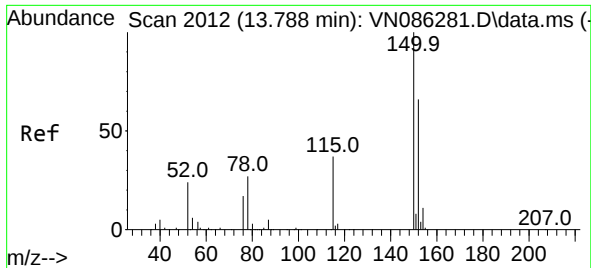
Tgt Ion:117 Resp: 384613
Ion Ratio Lower Upper
117 100
82 54.0 44.7 67.1
119 30.4 26.4 39.6



#68
m/p-Xylenes
Concen: 3.082 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086322.D
Acq: 17 Apr 2025 15:18

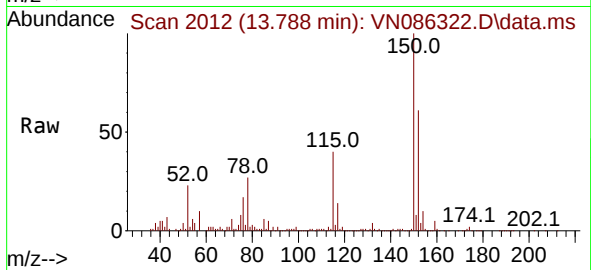
Tgt Ion:106 Resp: 17884
Ion Ratio Lower Upper
106 100
91 190.1 166.5 249.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086322.D
 Acq: 17 Apr 2025 15:18

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:152 Resp: 172899

Ion	Ratio	Lower	Upper
152	100		
115	64.2	31.9	95.9
150	157.5	0.0	352.0

