

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010925\
 Data File : VN085414.D
 Acq On : 09 Jan 2025 17:35
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 10 00:25:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

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

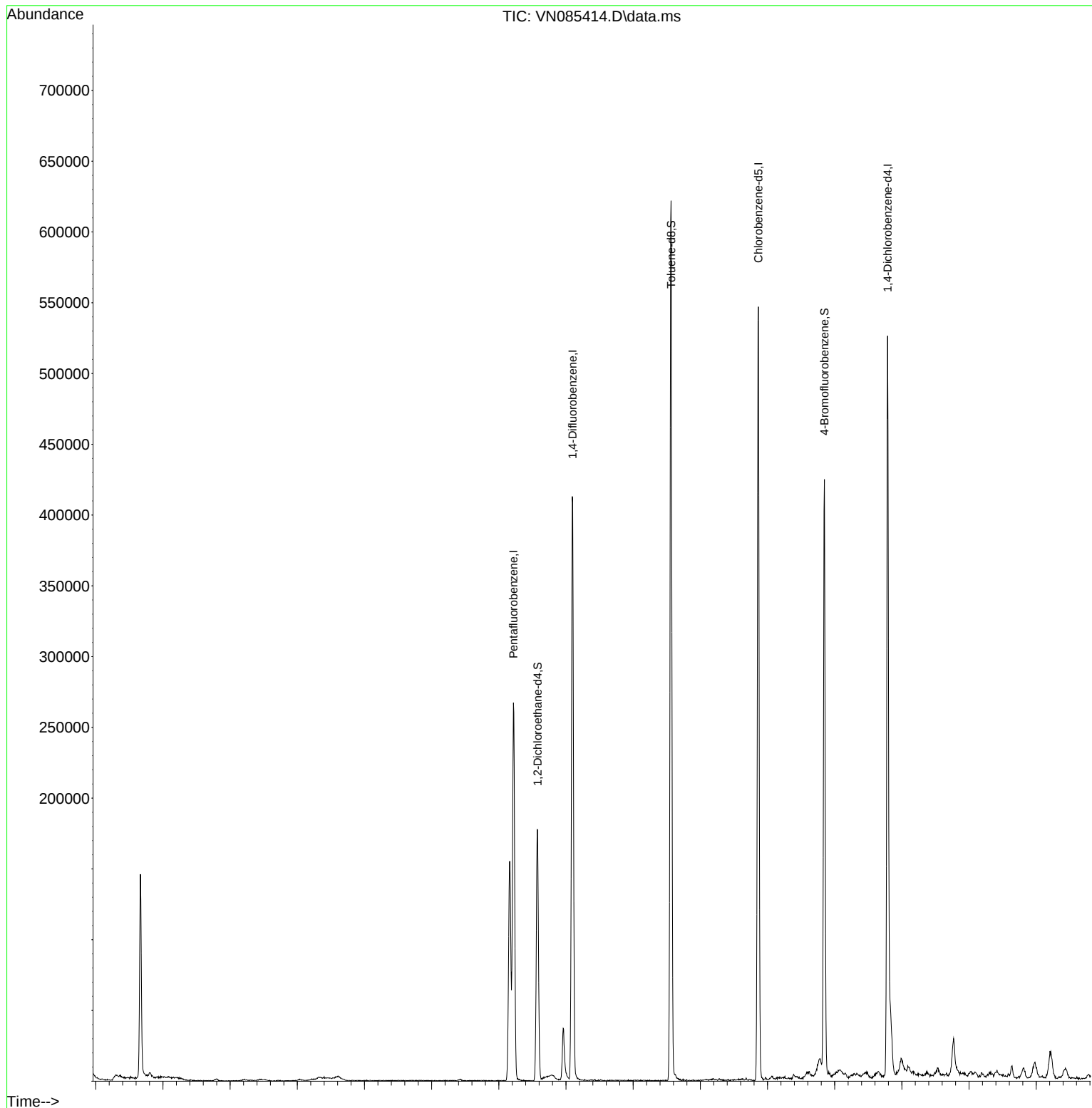
Internal Standards						
1) Pentafluorobenzene	8.218	168	185275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	354078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	303108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	144515	54.688	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.380%
35) Dibromofluoromethane	8.165	113	113378	51.327	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.660%
50) Toluene-d8	10.565	98	421209	51.964	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.920%
62) 4-Bromofluorobenzene	12.847	95	143689	53.376	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.760%
Target Compounds						
95) Naphthalene	15.641	128	8295	1.228	ug/l	Qvalue 97

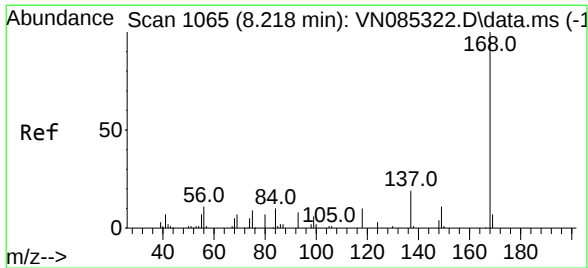
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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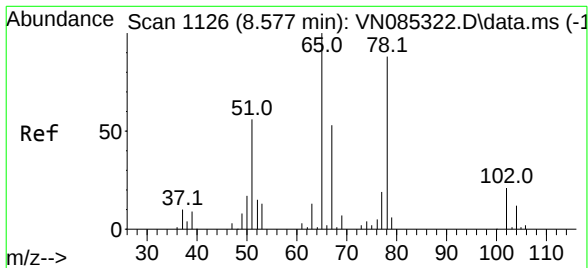
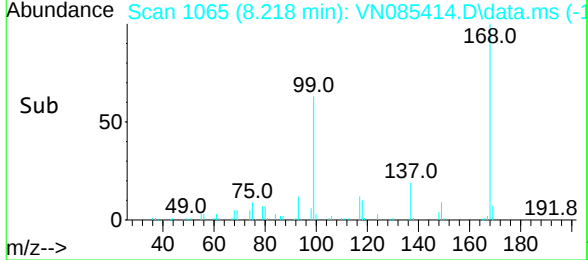
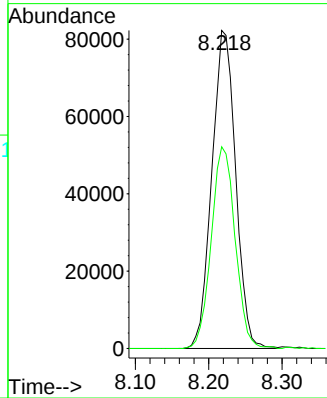
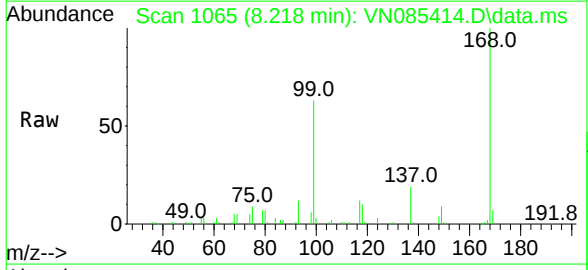




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085414.D
Acq: 09 Jan 2025 17:35

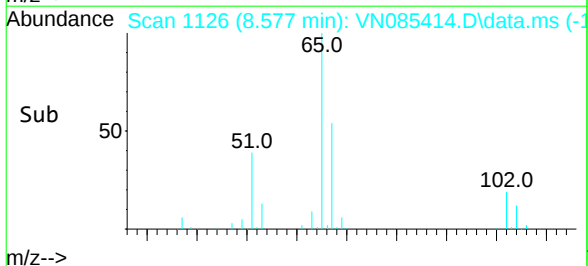
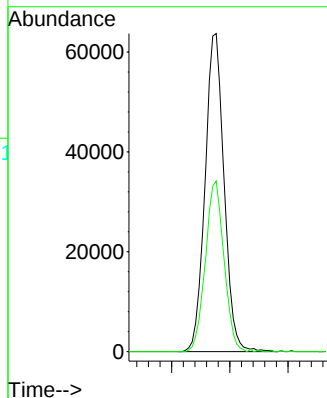
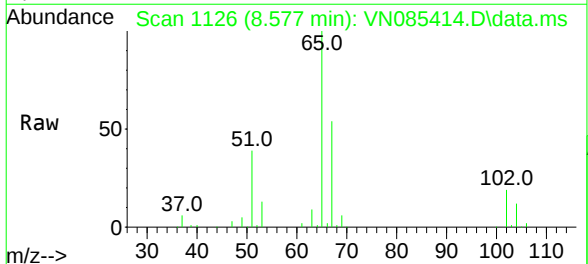
Instrument :
MSVOA_N
ClientSampleId :
IBLK

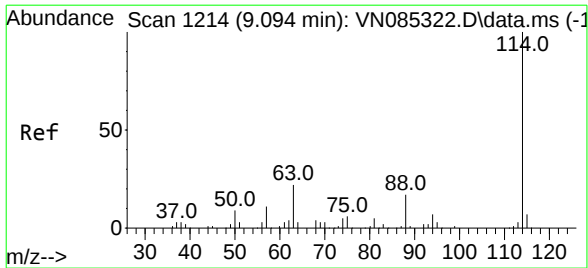
Tgt Ion:168 Resp: 185275
Ion Ratio Lower Upper
168 100
99 63.4 51.0 76.4



#33
1,2-Dichloroethane-d4
Concen: 54.688 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN085414.D
Acq: 09 Jan 2025 17:35

Tgt Ion: 65 Resp: 144515
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.0

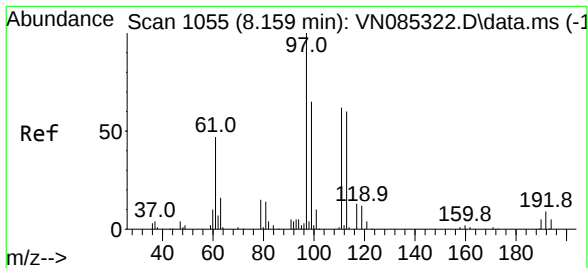
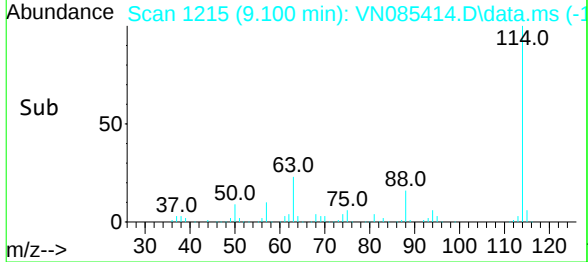
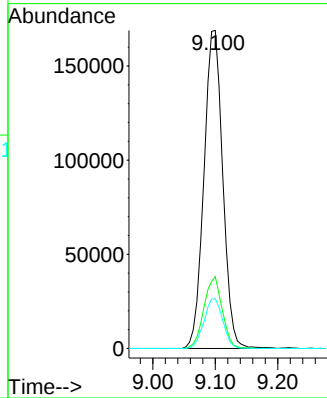
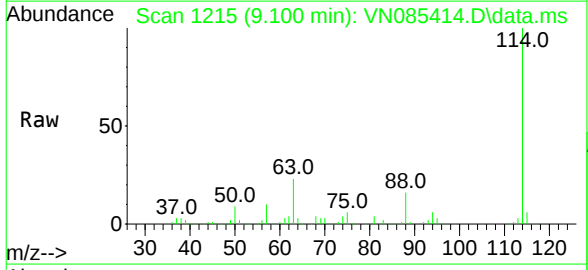




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VN085414.D
Acq: 09 Jan 2025 17:35

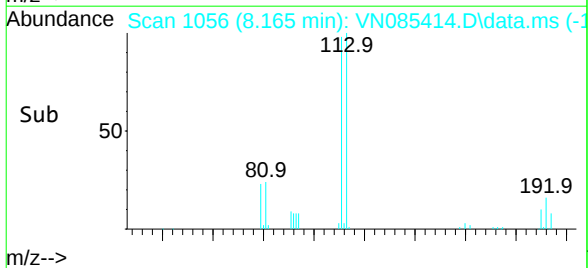
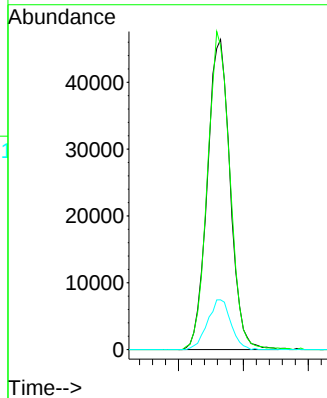
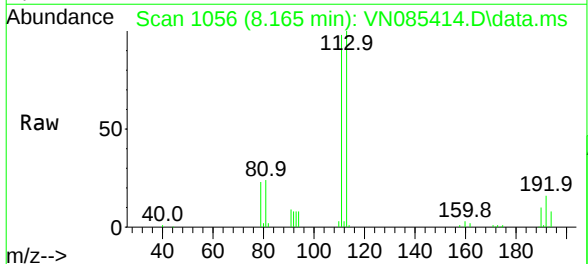
Instrument :
MSVOA_N
ClientSampleId :
IBLK

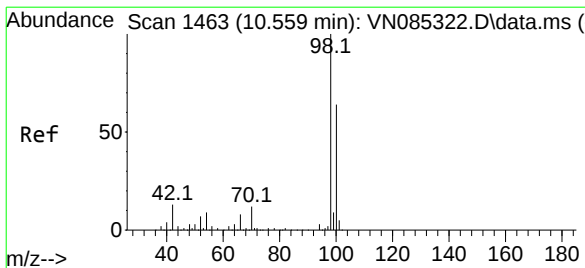
Tgt Ion:114 Resp: 354078
Ion Ratio Lower Upper
114 100
63 22.6 0.0 43.4
88 15.6 0.0 33.6



#35
Dibromofluoromethane
Concen: 51.327 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085414.D
Acq: 09 Jan 2025 17:35

Tgt Ion:113 Resp: 113378
Ion Ratio Lower Upper
113 100
111 100.9 80.5 120.7
192 16.4 12.9 19.3





#50

Toluene-d8

Concen: 51.964 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085414.D

Acq: 09 Jan 2025 17:35

Instrument :

MSVOA_N

ClientSampleId :

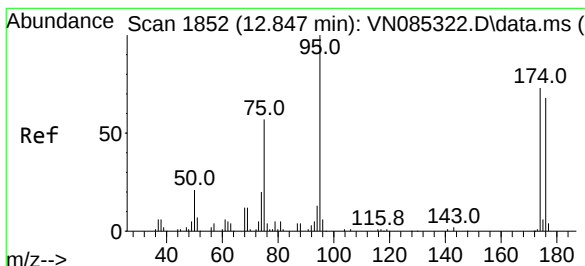
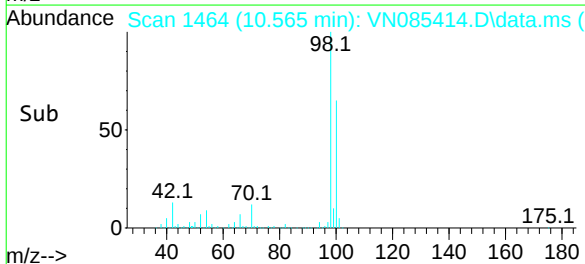
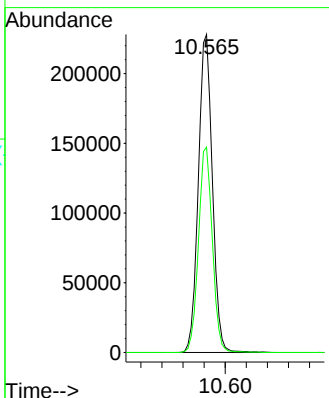
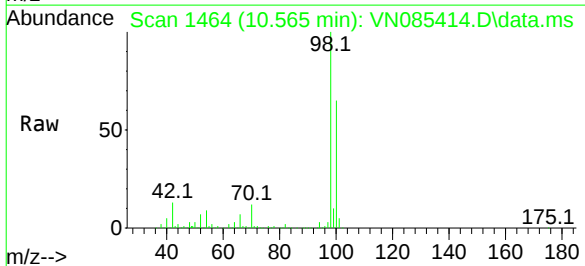
IBLK

Tgt Ion: 98 Resp: 421209

Ion Ratio Lower Upper

98 100

100 63.9 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 53.376 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085414.D

Acq: 09 Jan 2025 17:35

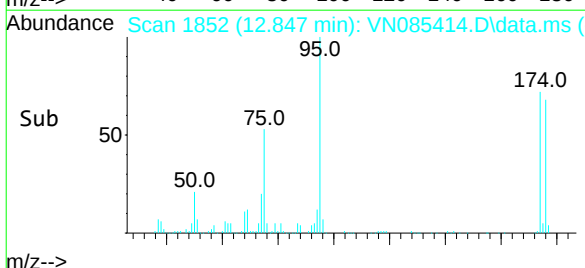
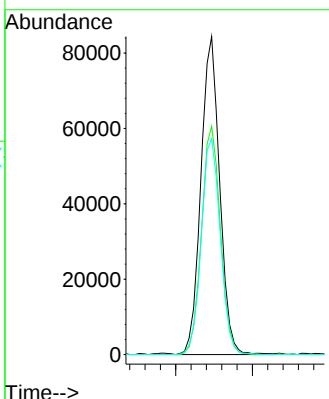
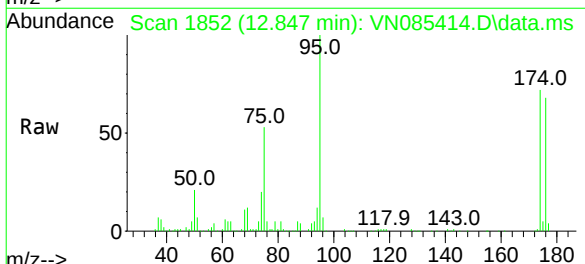
Tgt Ion: 95 Resp: 143689

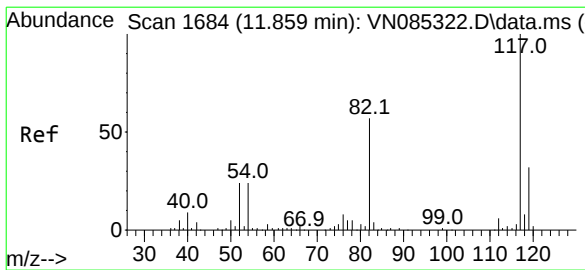
Ion Ratio Lower Upper

95 100

174 71.9 0.0 143.2

176 68.5 0.0 135.8

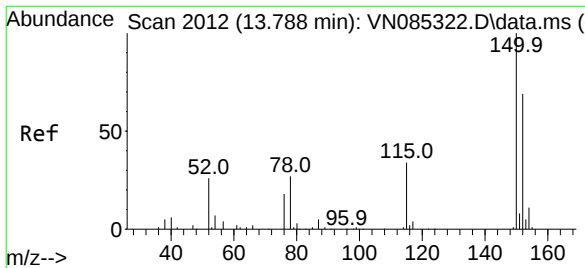
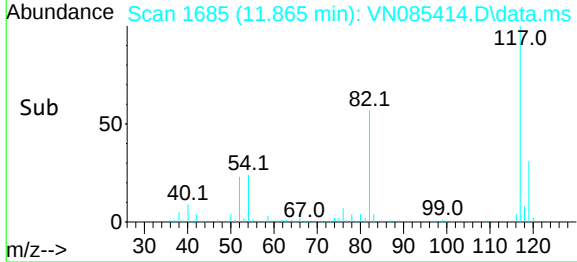
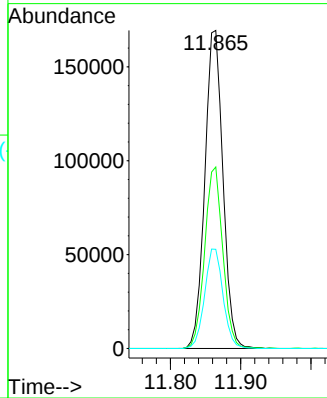
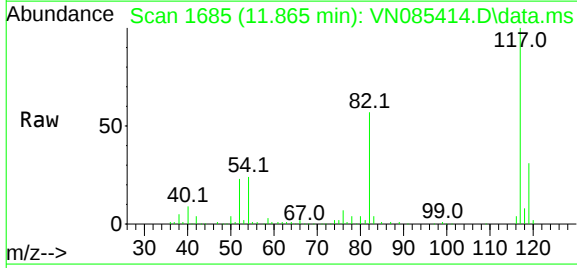




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085414.D
Acq: 09 Jan 2025 17:35

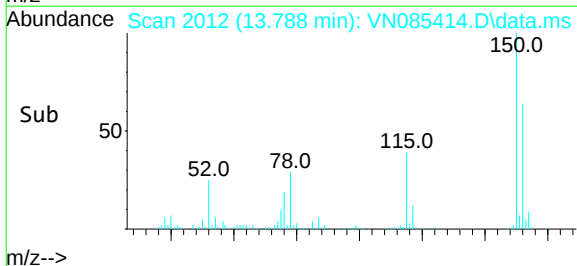
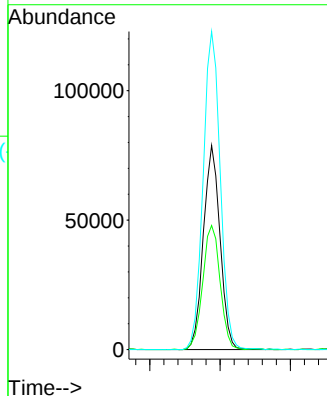
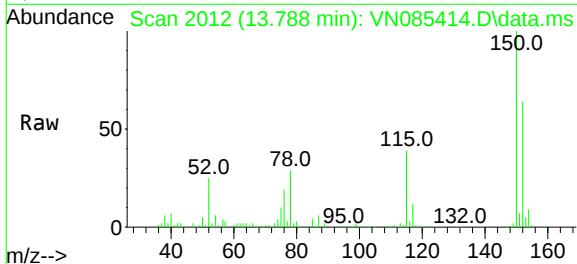
Instrument :
MSVOA_N
ClientSampleId :
IBLK

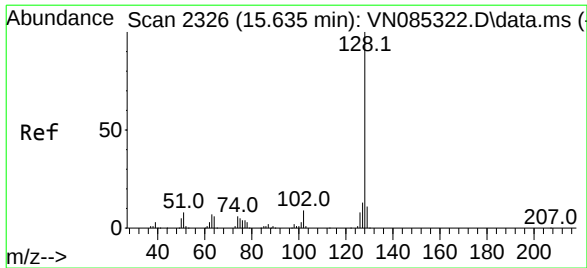
Tgt Ion:117 Resp: 303108
Ion Ratio Lower Upper
117 100
82 57.1 45.7 68.5
119 31.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085414.D
Acq: 09 Jan 2025 17:35

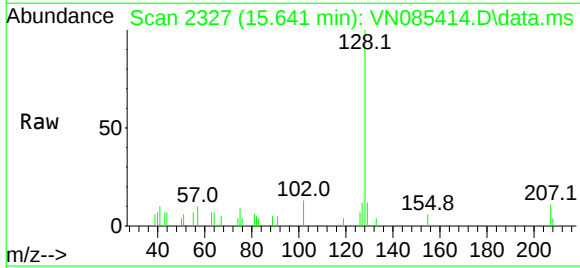
Tgt Ion:152 Resp: 129708
Ion Ratio Lower Upper
152 100
115 63.4 30.4 91.3
150 159.9 0.0 345.0





#95
Naphthalene
Concen: 1.228 ug/l
RT: 15.641 min Scan# 23
Delta R.T. 0.006 min
Lab File: VN085414.D
Acq: 09 Jan 2025 17:35

Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion:128 Resp: 8295
Ion Ratio Lower Upper
128 100
127 14.8 10.6 16.0
129 11.3 8.5 12.7

