

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021925\
 Data File : VN085791.D
 Acq On : 19 Feb 2025 15:32
 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 20 00:49:30 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	8.218	168	237544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	441696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	395623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	159848	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	182354	59.212	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	118.420%
35) Dibromofluoromethane	8.165	113	156626	54.191	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.380%
50) Toluene-d8	10.565	98	543597	51.694	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.380%
62) 4-Bromofluorobenzene	12.847	95	165235	47.692	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.380%

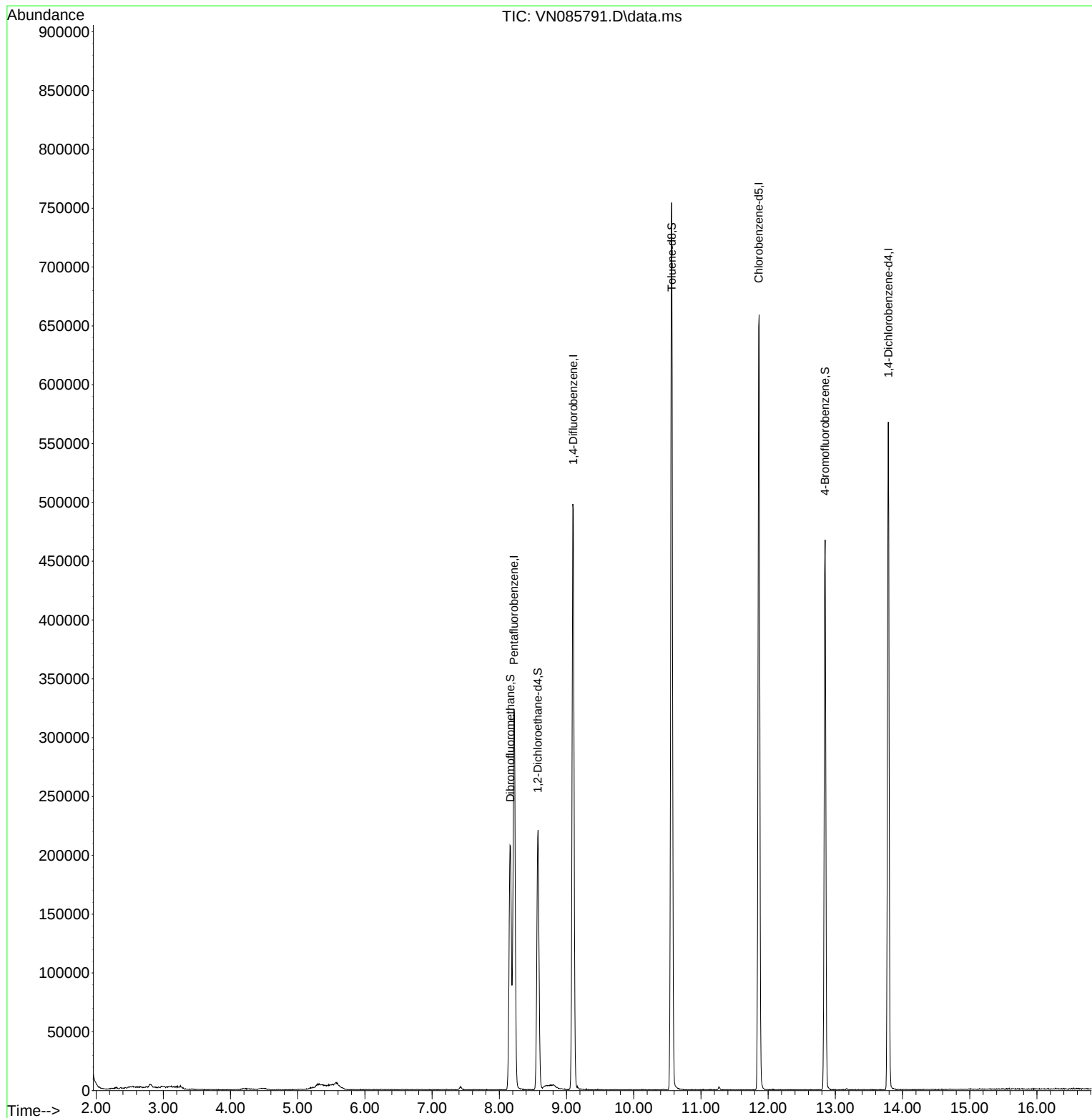
Target Compounds	Qvalue

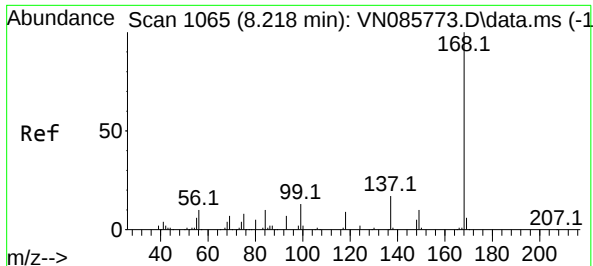
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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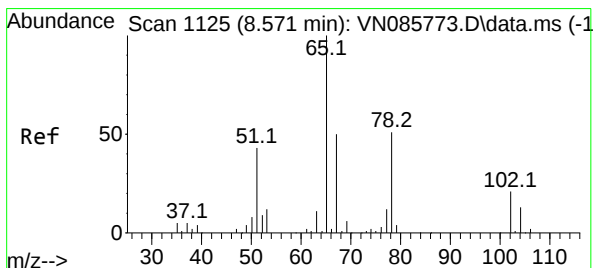
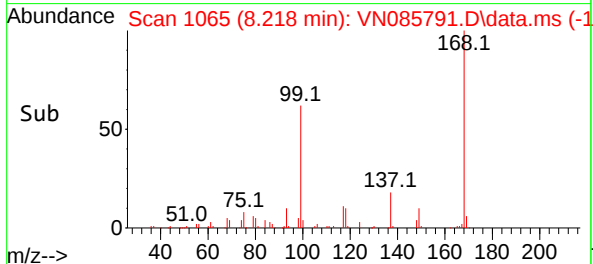
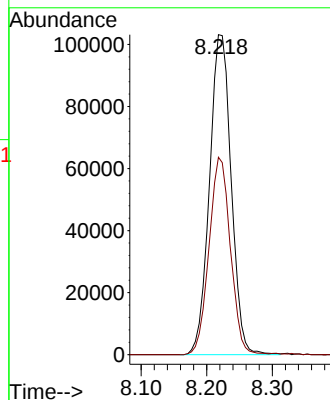
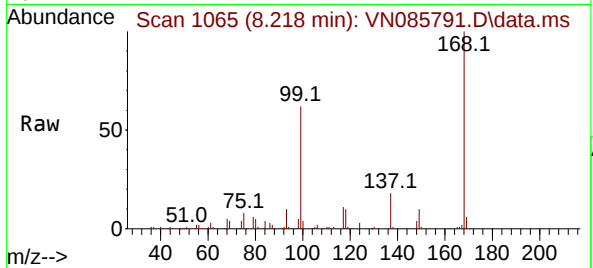




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085791.D
Acq: 19 Feb 2025 15:32

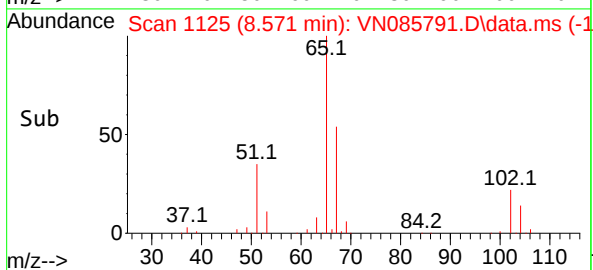
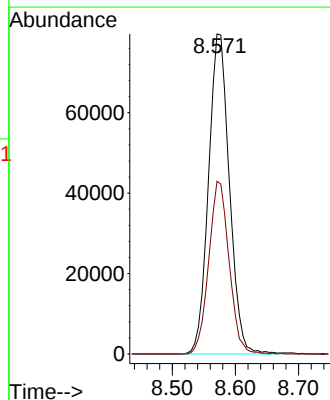
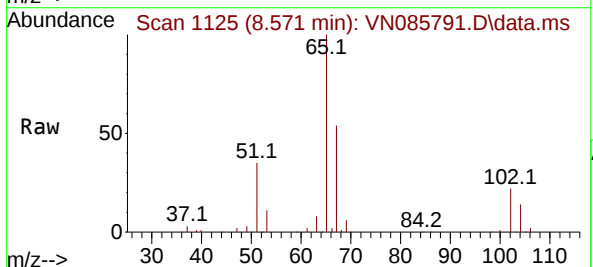
Instrument :
MSVOA_N
ClientSampleId :
IBLK

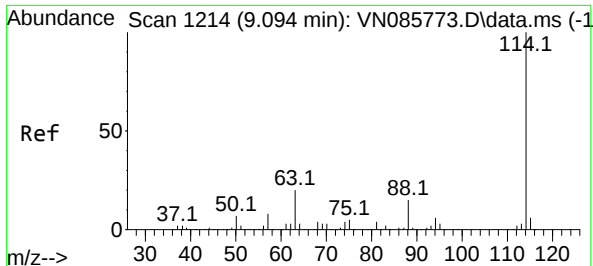
Tgt Ion:168 Resp: 237544
Ion Ratio Lower Upper
168 100
99 61.7 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 59.212 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VN085791.D
Acq: 19 Feb 2025 15:32

Tgt Ion: 65 Resp: 182354
Ion Ratio Lower Upper
65 100
67 52.6 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: VN085791.D

Acq: 19 Feb 2025 15:32

Instrument :

MSVOA_N

ClientSampleId :

IBLK

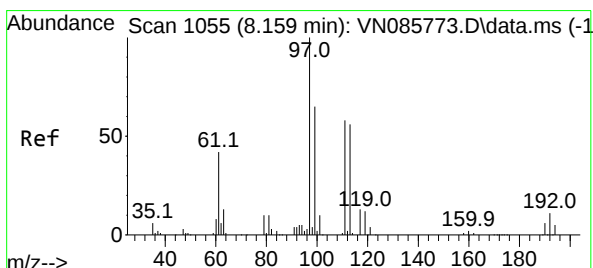
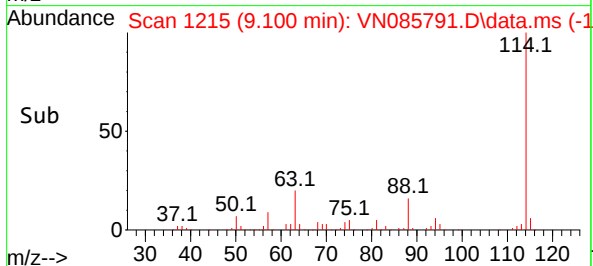
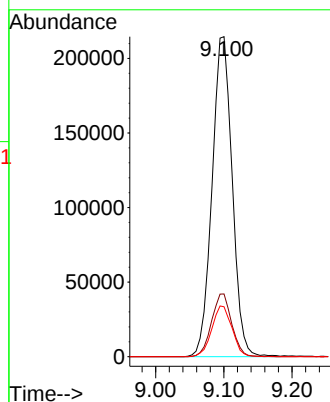
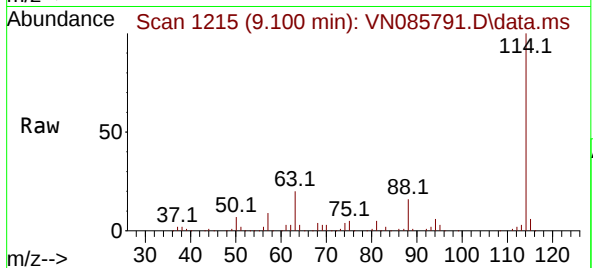
Tgt Ion:114 Resp: 441696

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.2

88 15.6 0.0 30.0



#35

Dibromofluoromethane

Concen: 54.191 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085791.D

Acq: 19 Feb 2025 15:32

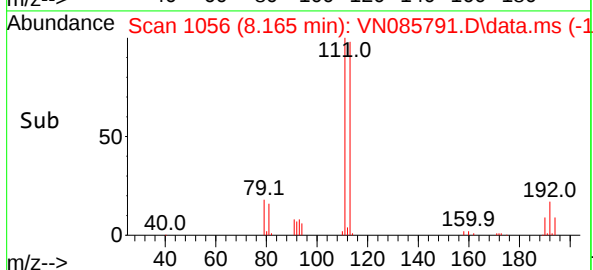
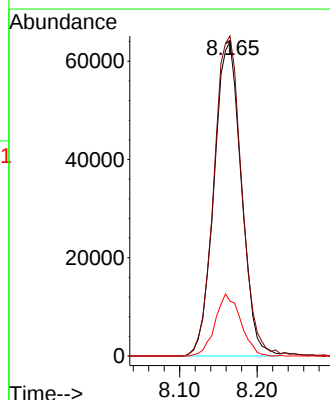
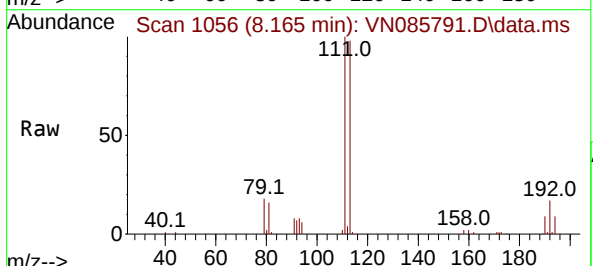
Tgt Ion:113 Resp: 156626

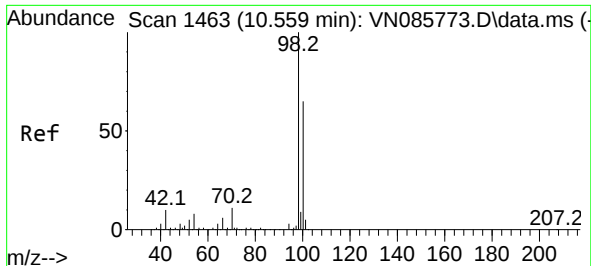
Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.4

192 18.5 14.7 22.1

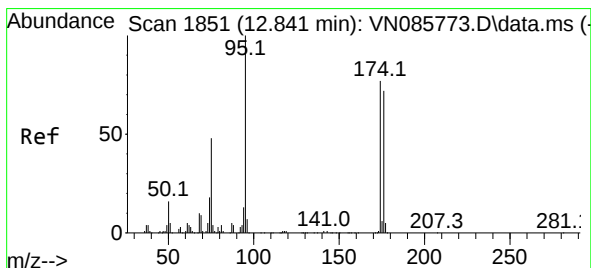
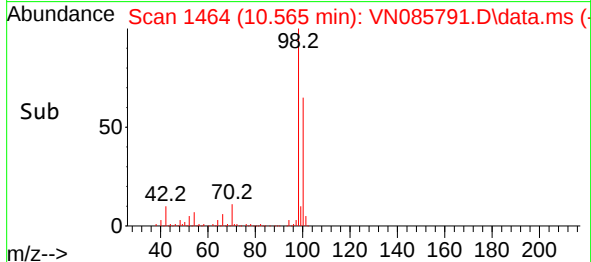
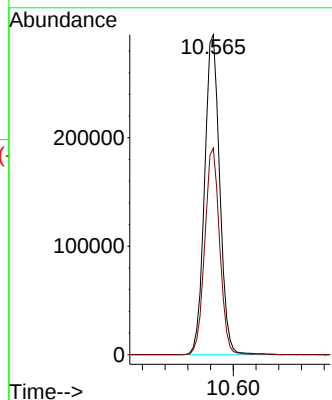
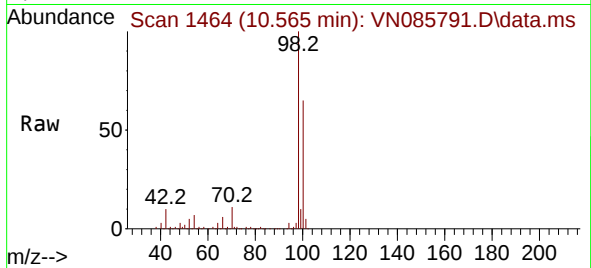




#50
Toluene-d8
Concen: 51.694 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085791.D
Acq: 19 Feb 2025 15:32

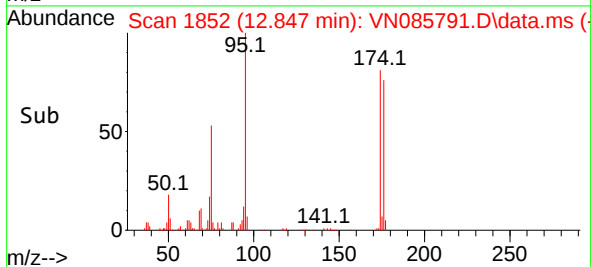
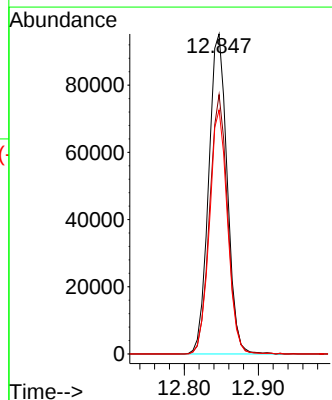
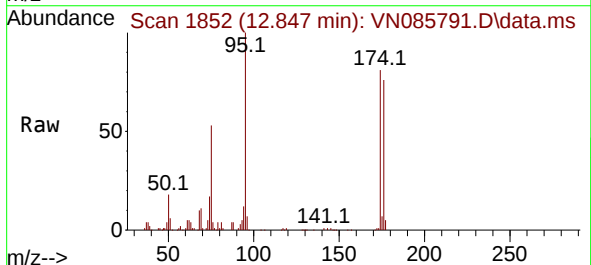
Instrument :
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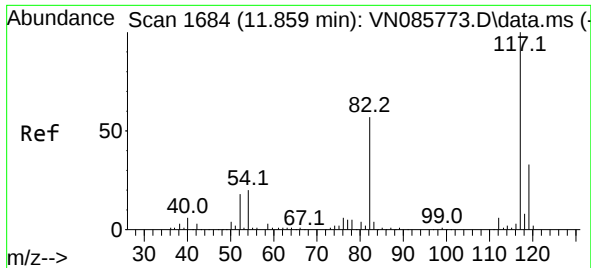
Tgt Ion: 98 Resp: 543597
Ion Ratio Lower Upper
98 100
100 63.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.692 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085791.D
Acq: 19 Feb 2025 15:32

Tgt Ion: 95 Resp: 165235
Ion Ratio Lower Upper
95 100
174 79.0 0.0 152.4
176 74.4 0.0 146.6

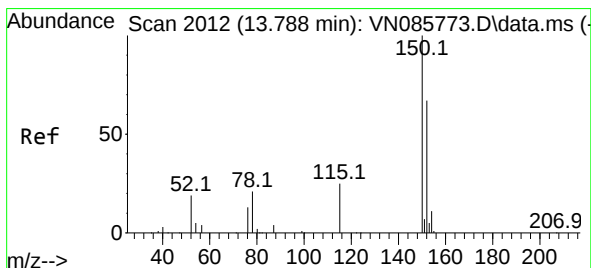
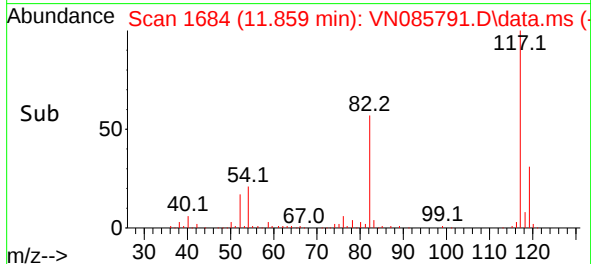
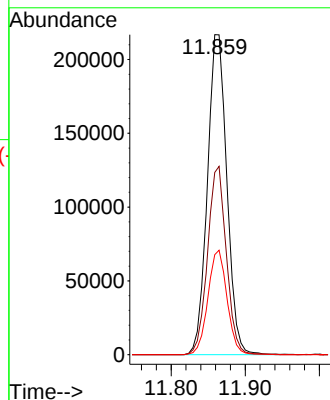
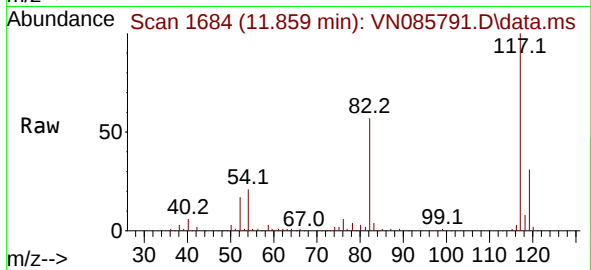




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN085791.D
Acq: 19 Feb 2025 15:32

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 395623
Ion Ratio Lower Upper
117 100
82 56.9 45.7 68.5
119 31.3 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: VN085791.D
Acq: 19 Feb 2025 15:32

Tgt Ion:152 Resp: 159848
Ion Ratio Lower Upper
152 100
115 60.9 30.4 91.3
150 157.1 0.0 345.4

