

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022525\
 Data File : VN085852.D
 Acq On : 25 Feb 2025 13:12
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 25 23:32:09 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	202503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	381753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	317010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	112020	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	159632	60.803	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	121.600%
35) Dibromofluoromethane	8.165	113	141415	56.611	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	113.220%
50) Toluene-d8	10.565	98	450557	49.574	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.140%
62) 4-Bromofluorobenzene	12.847	95	121584	40.603	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	81.200%

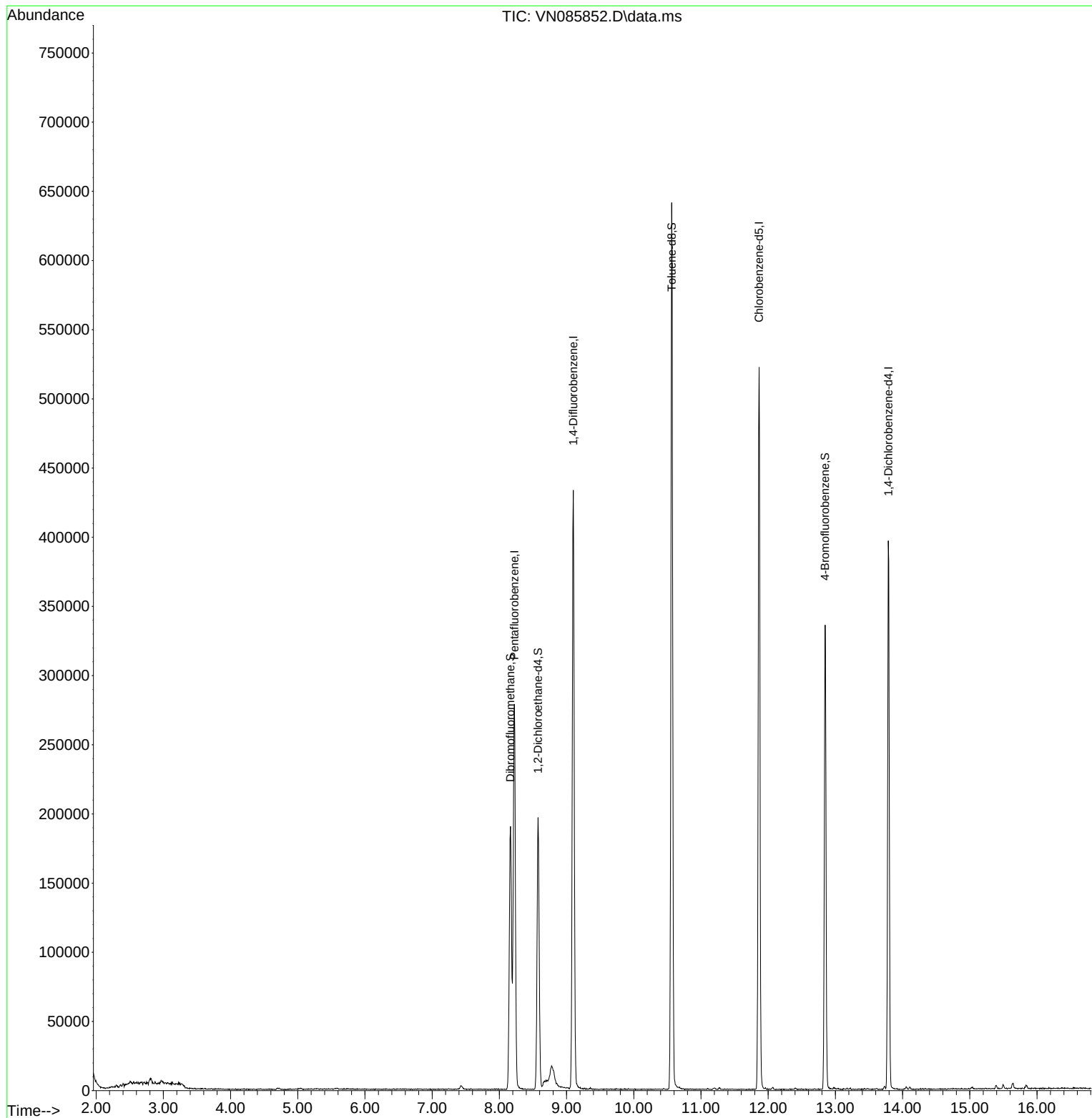
Target Compounds	Qvalue

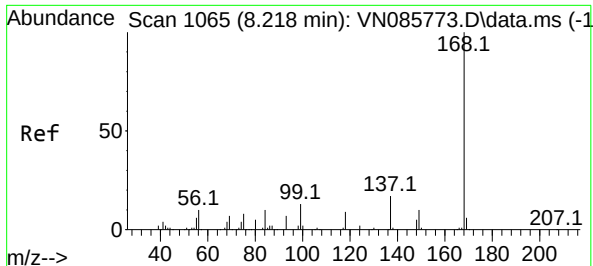
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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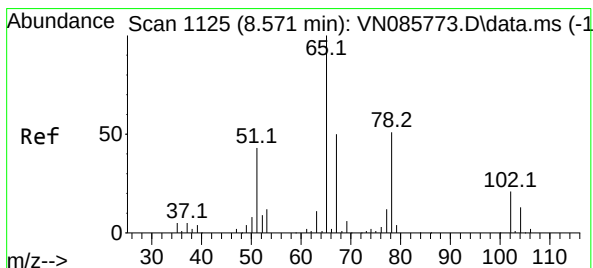
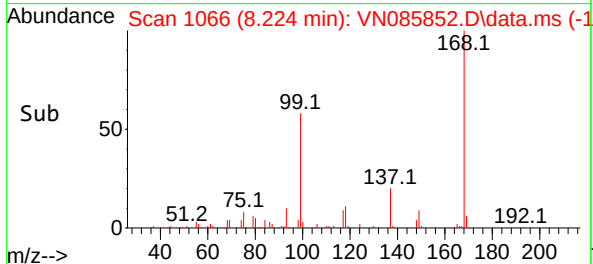
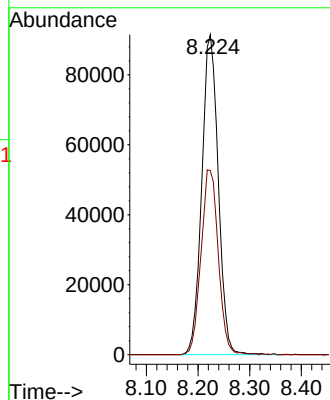
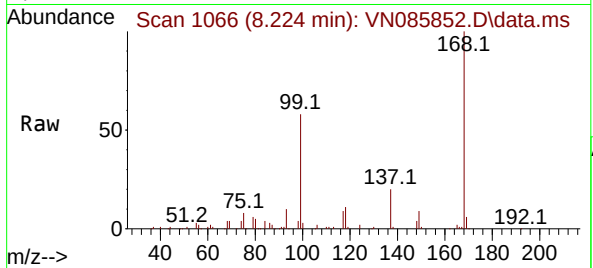




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085852.D
Acq: 25 Feb 2025 13:12

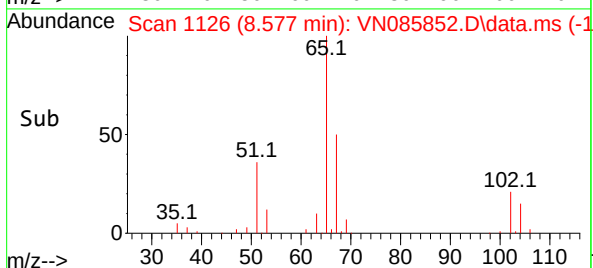
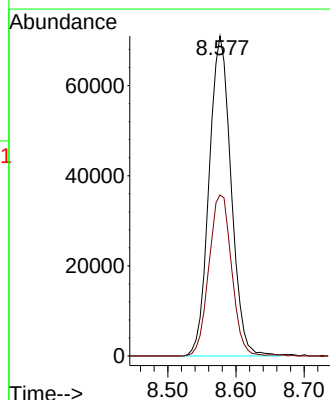
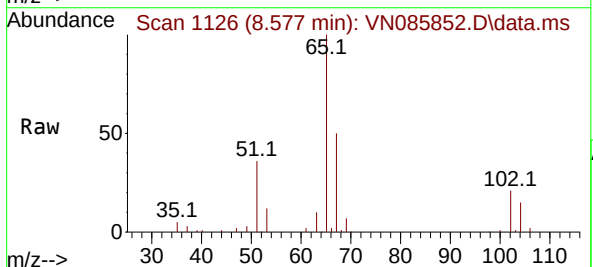
Instrument :
MSVOA_N
ClientSampleId :
IBLK

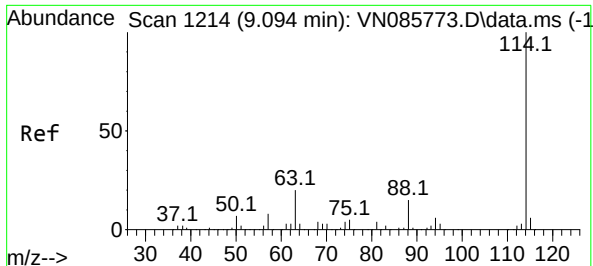
Tgt Ion:168 Resp: 202503
Ion Ratio Lower Upper
168 100
99 57.5 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 60.803 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085852.D
Acq: 25 Feb 2025 13:12

Tgt Ion: 65 Resp: 159632
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085852.D

Acq: 25 Feb 2025 13:12

Instrument :

MSVOA_N

ClientSampleId :

IBLK

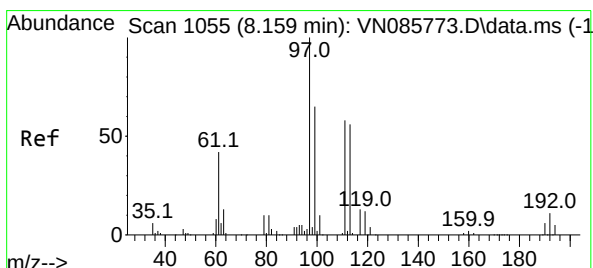
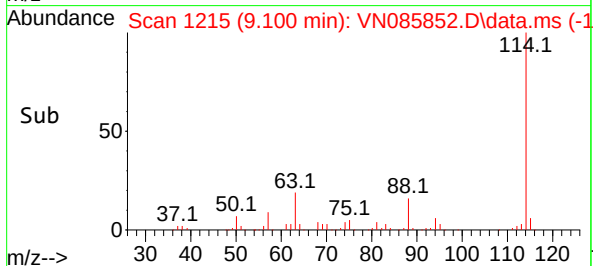
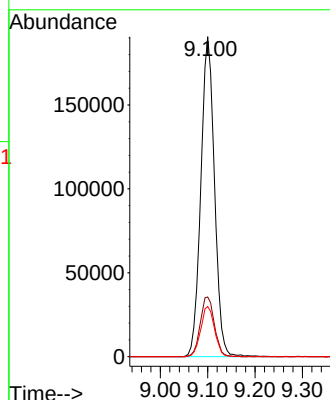
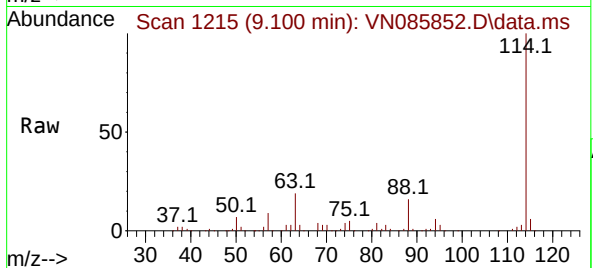
Tgt Ion:114 Resp: 381753

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.2

88 15.6 0.0 30.0



#35

Dibromofluoromethane

Concen: 56.611 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085852.D

Acq: 25 Feb 2025 13:12

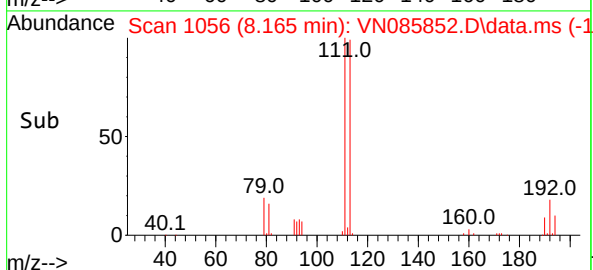
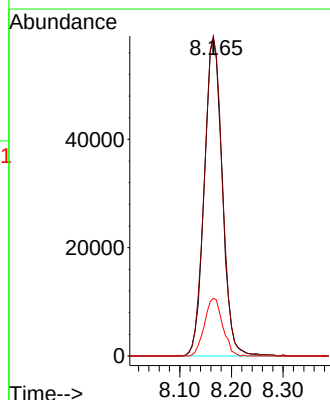
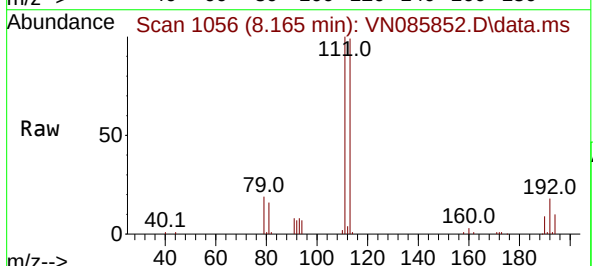
Tgt Ion:113 Resp: 141415

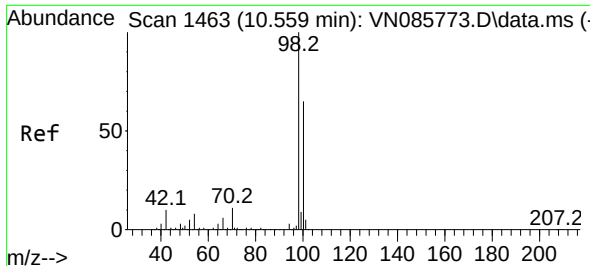
Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.4

192 18.4 14.7 22.1

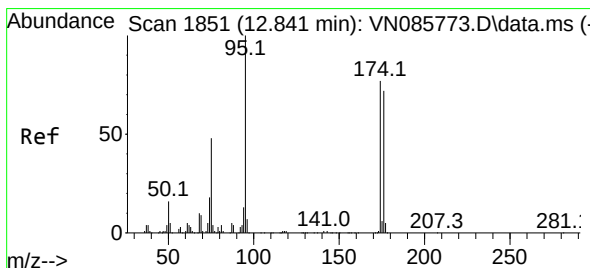
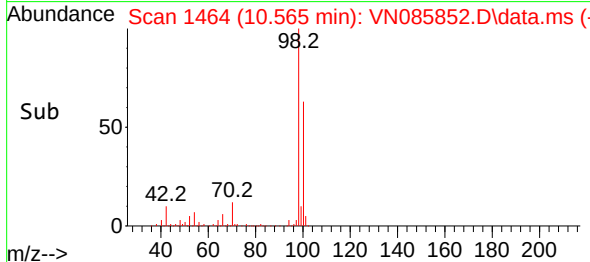
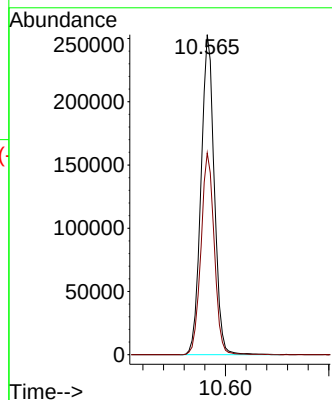
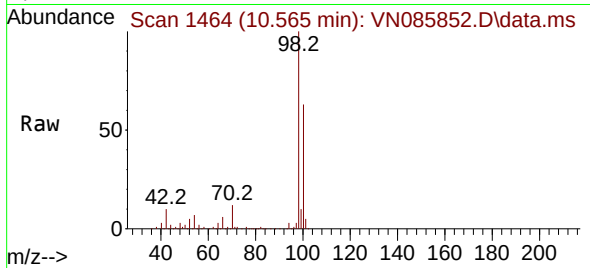




#50
Toluene-d8
Concen: 49.574 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085852.D
Acq: 25 Feb 2025 13:12

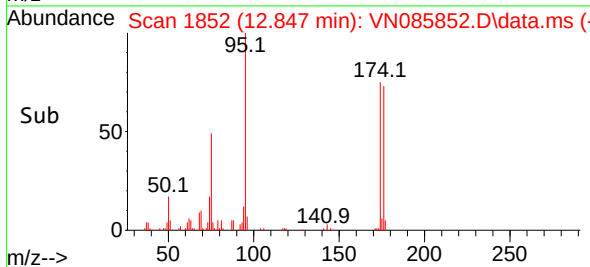
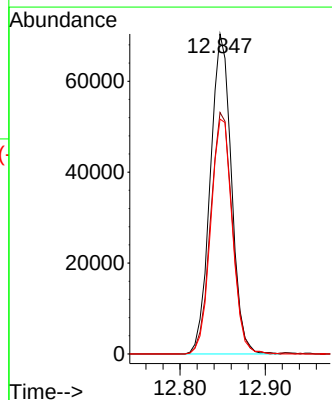
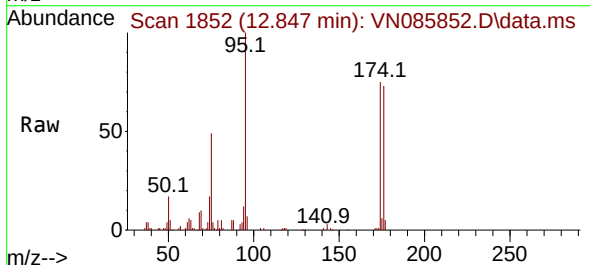
Instrument :
MSVOA_N
ClientSampleId :
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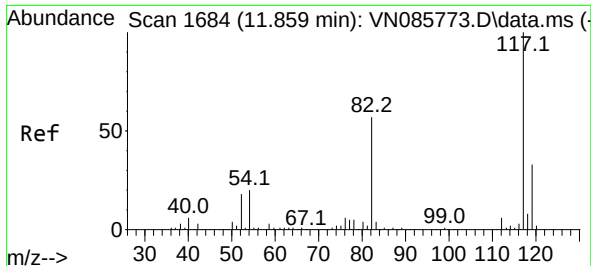
Tgt Ion: 98 Resp: 450557
Ion Ratio Lower Upper
98 100
100 62.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 40.603 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085852.D
Acq: 25 Feb 2025 13:12

Tgt Ion: 95 Resp: 121584
Ion Ratio Lower Upper
95 100
174 77.6 0.0 152.4
176 74.7 0.0 146.6

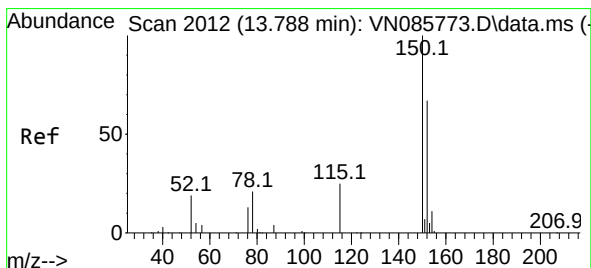
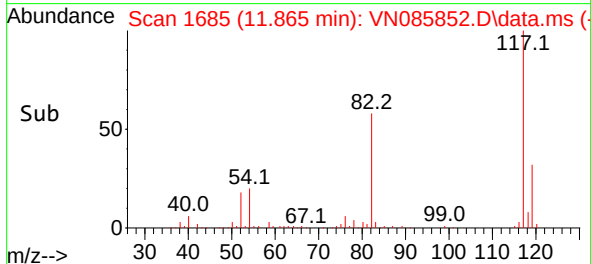
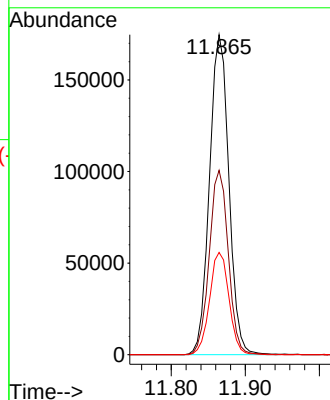
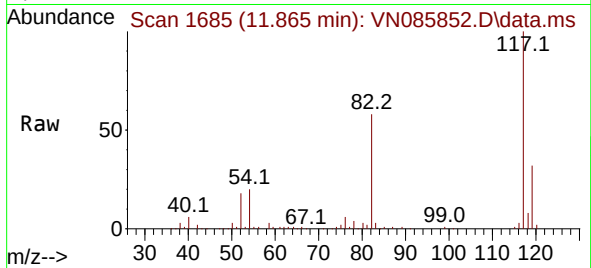




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085852.D
Acq: 25 Feb 2025 13:12

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 317010
Ion Ratio Lower Upper
117 100
82 57.6 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: VN085852.D
Acq: 25 Feb 2025 13:12

Tgt Ion:152 Resp: 112020
Ion Ratio Lower Upper
152 100
115 61.6 30.4 91.3
150 159.0 0.0 345.4

