

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022125\
 Data File : VN085803.D
 Acq On : 21 Feb 2025 15:18
 Operator : JC\MD
 Sample : VN0221MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221MBL01

Quant Time: Feb 22 02:34:50 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	204832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	385455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	338285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	121413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	168613	63.494	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 126.980%#	
35) Dibromofluoromethane	8.165	113	147054	58.303	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 116.600%	
50) Toluene-d8	10.565	98	474451	51.702	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.400%	
62) 4-Bromofluorobenzene	12.847	95	129280	42.758	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 85.520%	

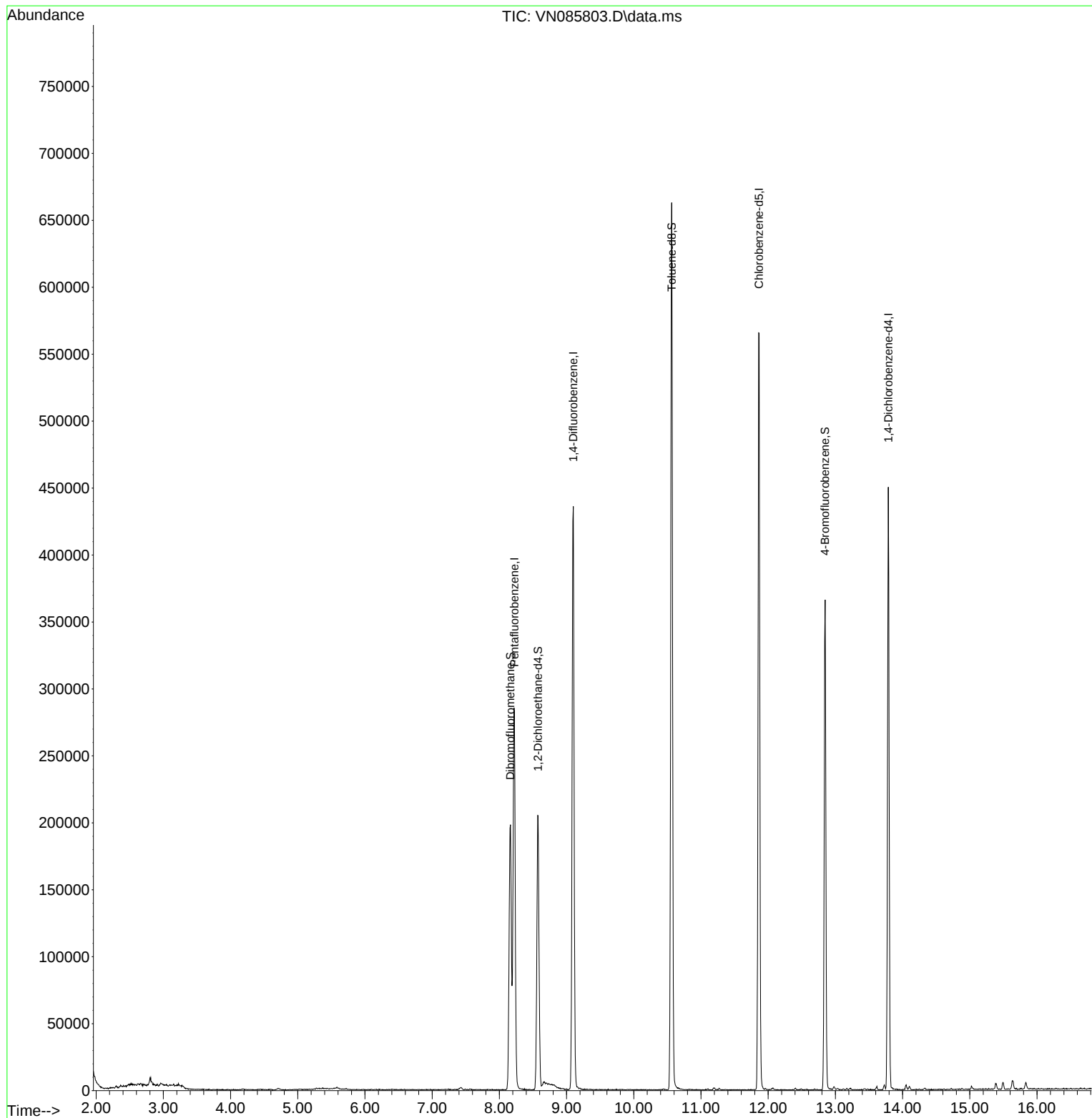
Target Compounds	Qvalue

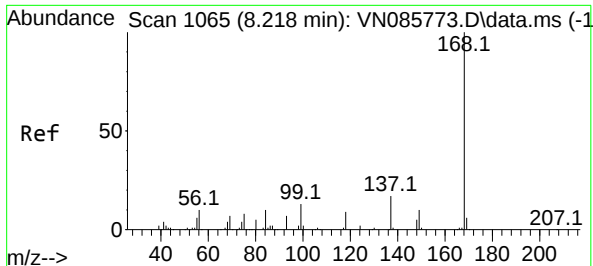
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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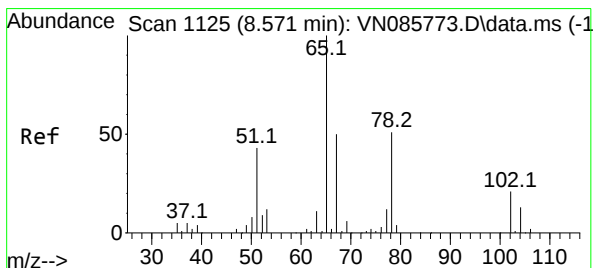
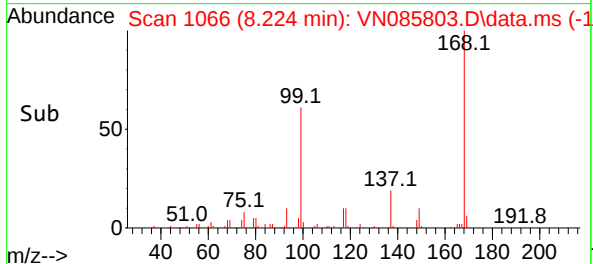
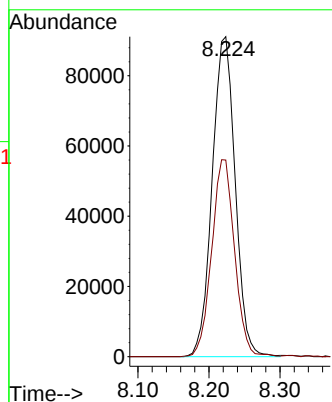
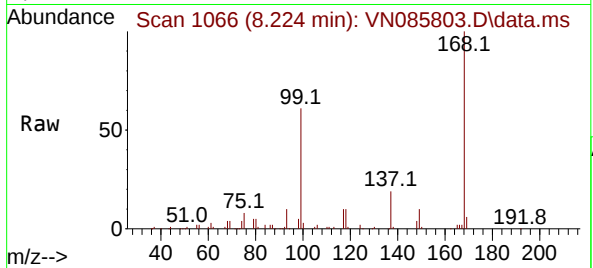




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085803.D
Acq: 21 Feb 2025 15:18

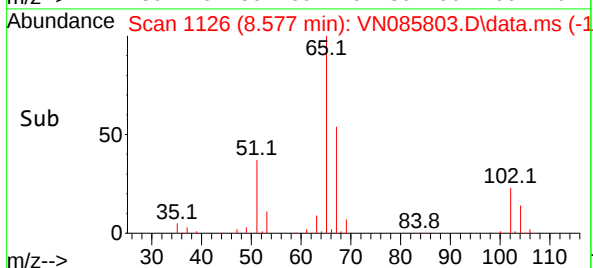
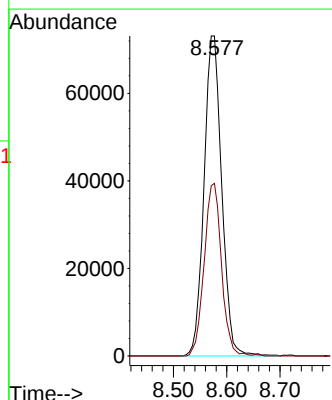
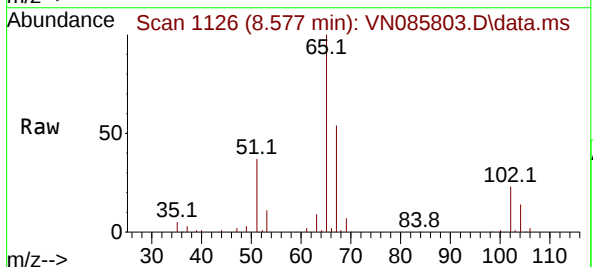
Instrument :
MSVOA_N
ClientSampleId :
VN0221MBL01

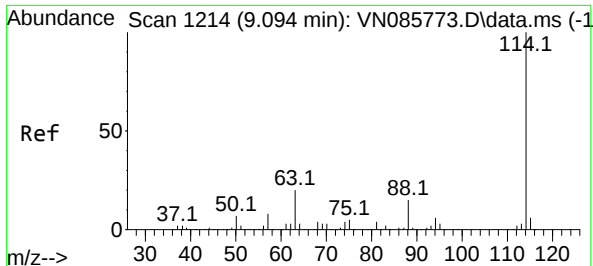
Tgt Ion:168 Resp: 204832
Ion Ratio Lower Upper
168 100
99 61.5 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 63.494 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085803.D
Acq: 21 Feb 2025 15:18

Tgt Ion: 65 Resp: 168613
Ion Ratio Lower Upper
65 100
67 52.7 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: VN085803.D

Acq: 21 Feb 2025 15:18

Instrument :

MSVOA_N

ClientSampleId :

VN0221MBL01

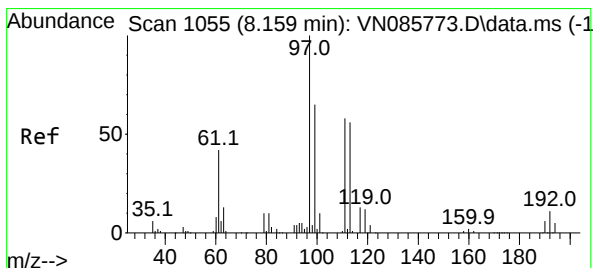
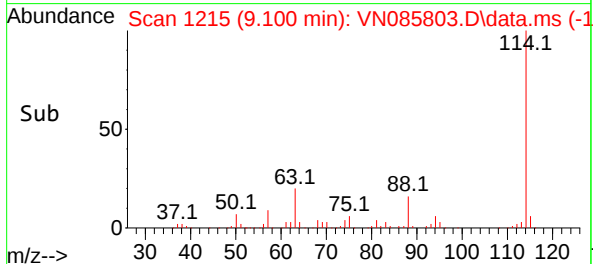
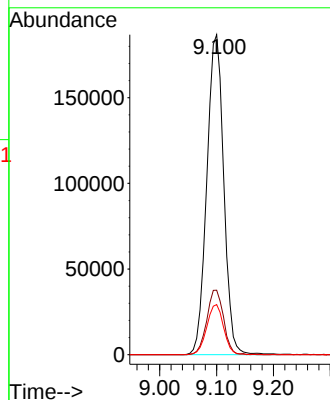
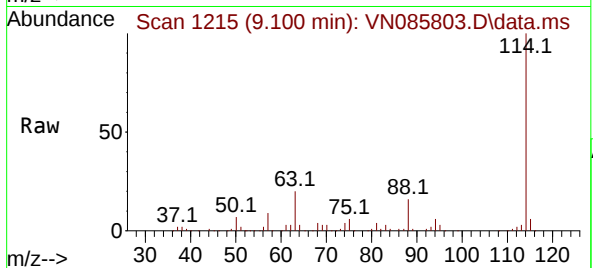
Tgt Ion:114 Resp: 385455

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.2

88 15.7 0.0 30.0



#35

Dibromofluoromethane

Concen: 58.303 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085803.D

Acq: 21 Feb 2025 15:18

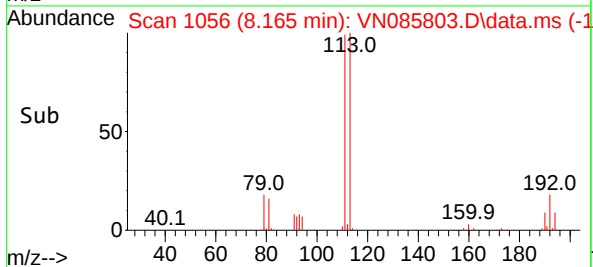
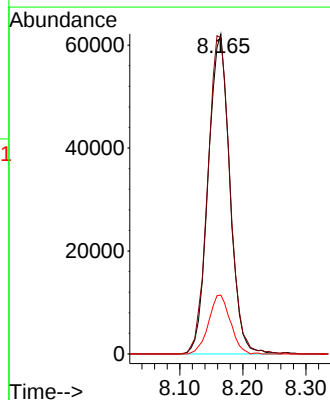
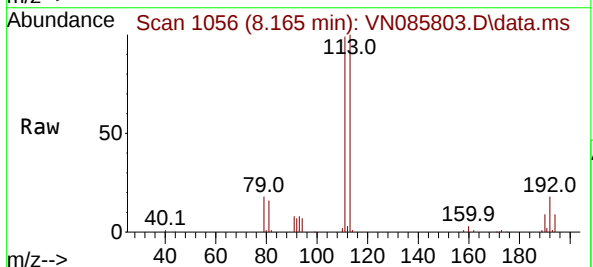
Tgt Ion:113 Resp: 147054

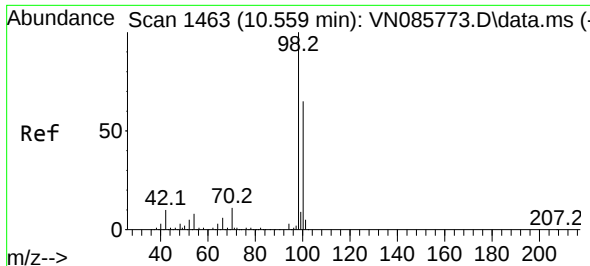
Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

192 18.6 14.7 22.1

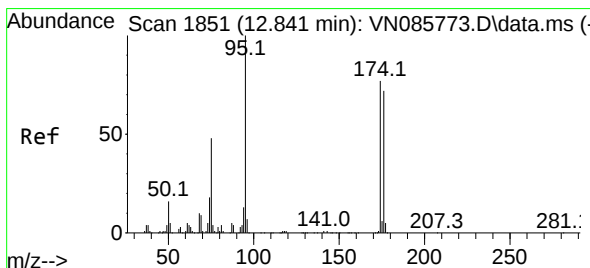
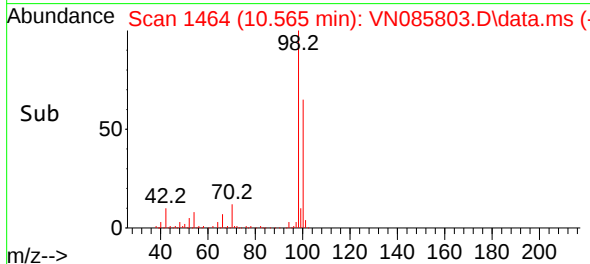
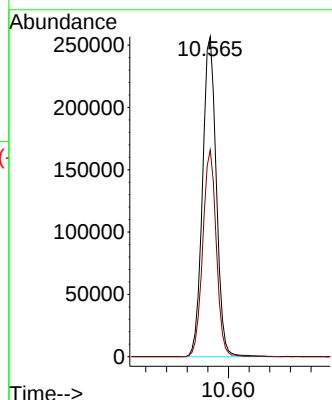
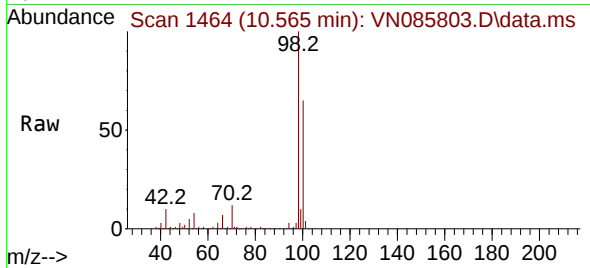




#50
Toluene-d8
Concen: 51.702 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085803.D
Acq: 21 Feb 2025 15:18

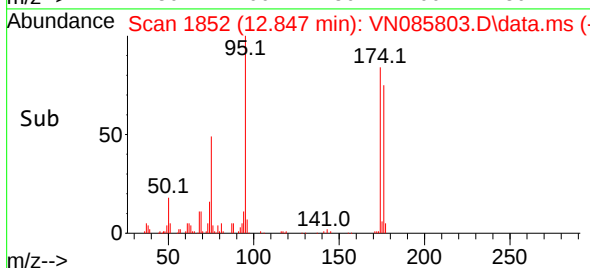
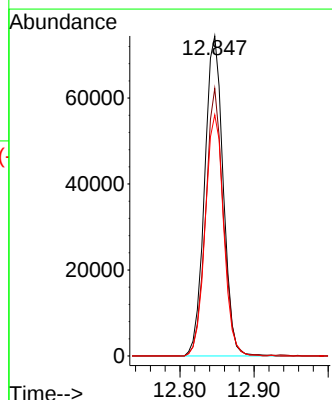
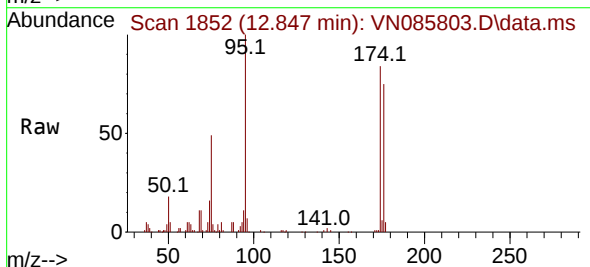
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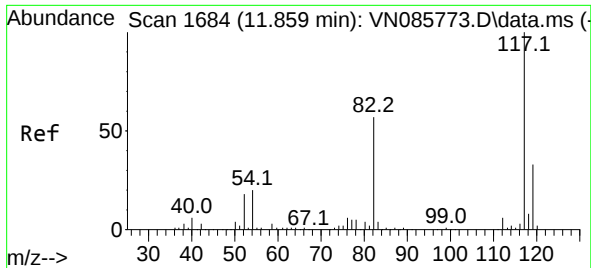
Tgt Ion: 98 Resp: 474451
Ion Ratio Lower Upper
98 100
100 63.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.758 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085803.D
Acq: 21 Feb 2025 15:18

Tgt Ion: 95 Resp: 129280
Ion Ratio Lower Upper
95 100
174 80.2 0.0 152.4
176 75.2 0.0 146.6

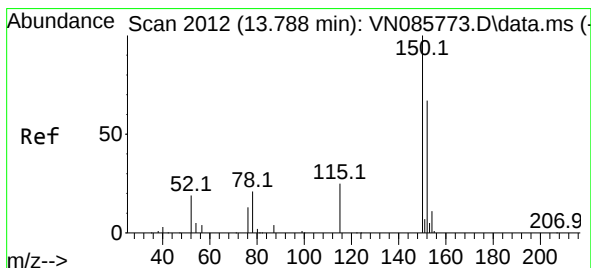
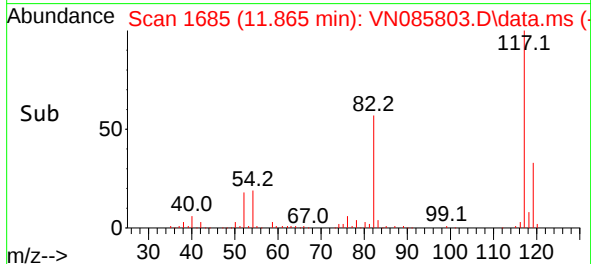
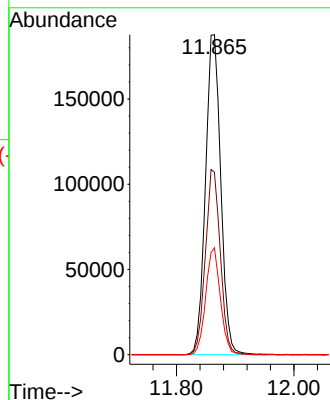
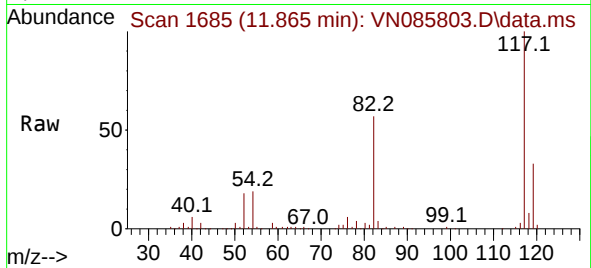




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085803.D
Acq: 21 Feb 2025 15:18

Instrument :
MSVOA_N
ClientSampleId :
VN0221MBL01

Tgt Ion:117 Resp: 338285
Ion Ratio Lower Upper
117 100
82 57.0 45.7 68.5
119 33.4 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: VN085803.D
Acq: 21 Feb 2025 15:18

Tgt Ion:152 Resp: 121413
Ion Ratio Lower Upper
152 100
115 61.3 30.4 91.3
150 158.4 0.0 345.4

