

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032525\
 Data File : VN086091.D
 Acq On : 25 Mar 2025 11:02
 Operator : JC\MD
 Sample : VN0325MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325MBL01

Quant Time: Mar 26 03:13:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	180020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	329970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	287970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114422	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	132527	53.762	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.520%
35) Dibromofluoromethane	8.165	113	119150	51.734	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.460%
50) Toluene-d8	10.565	98	393152	47.034	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.060%
62) 4-Bromofluorobenzene	12.847	95	118229	39.661	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	79.320%

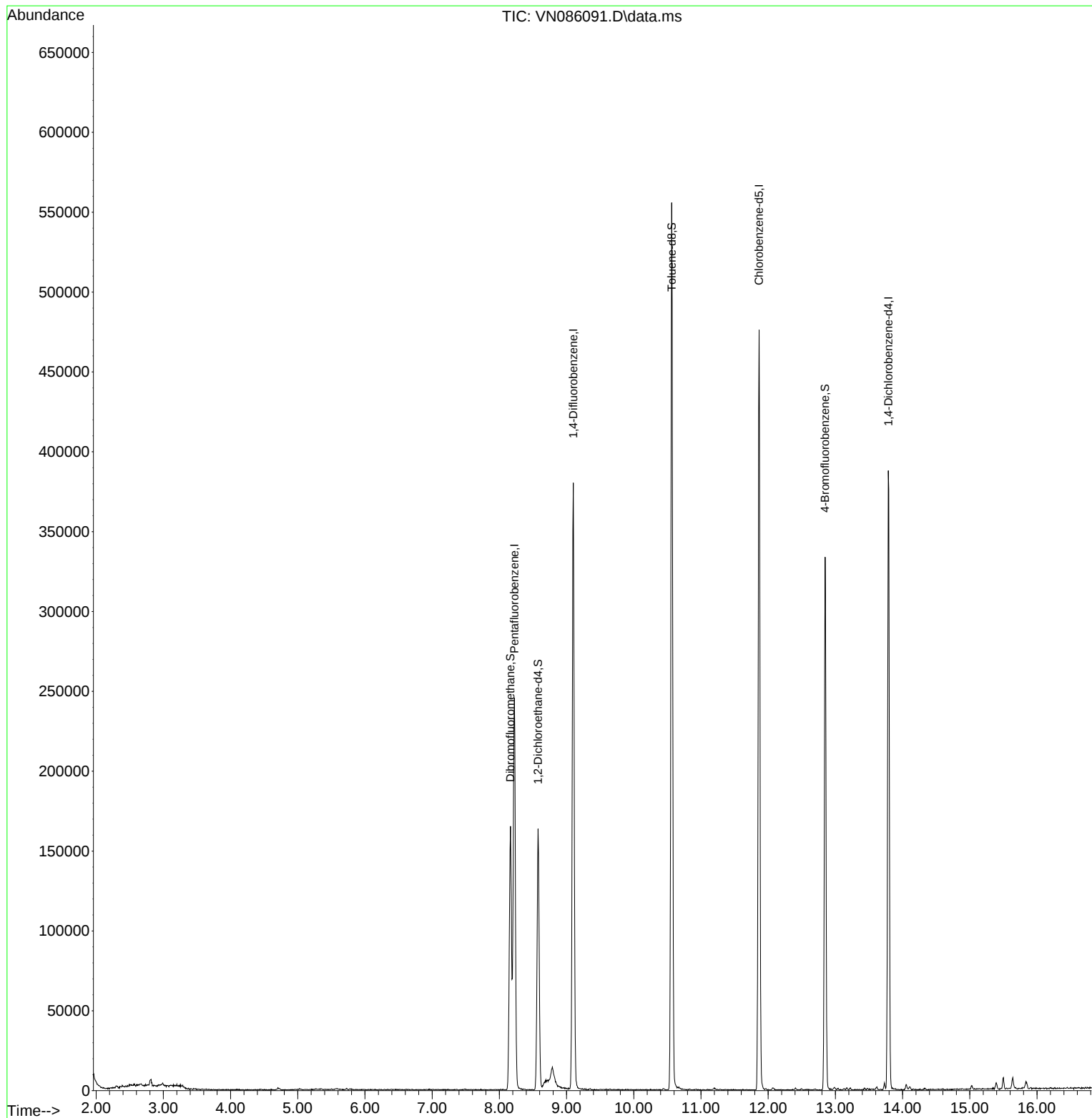
Target Compounds	Qvalue

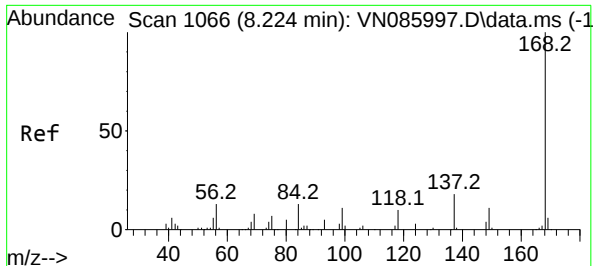
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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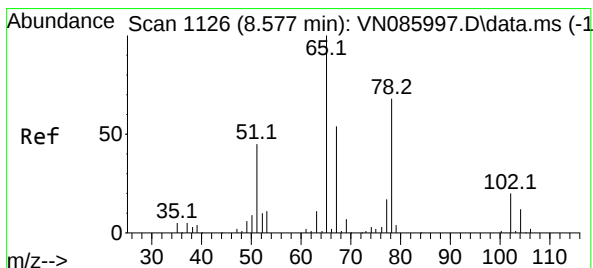
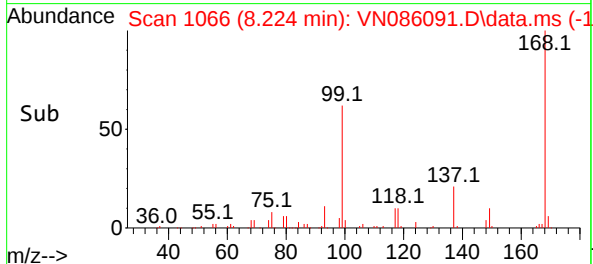
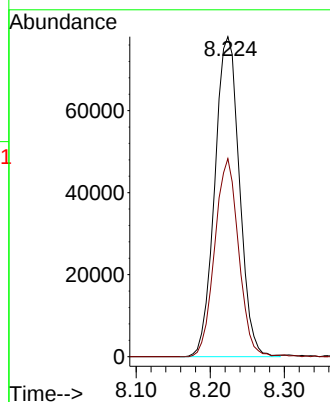
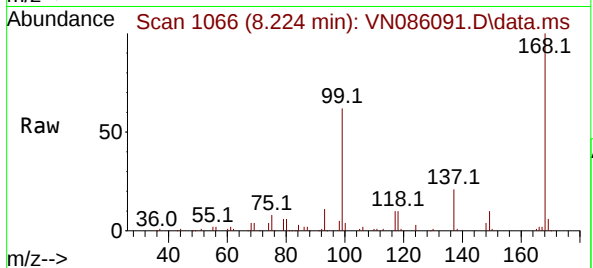




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086091.D
Acq: 25 Mar 2025 11:02

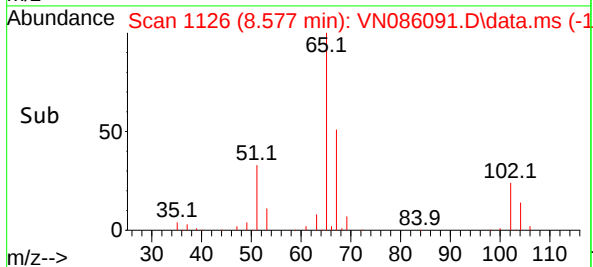
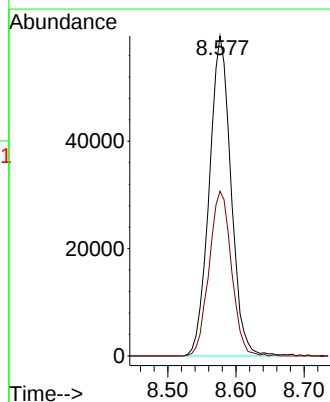
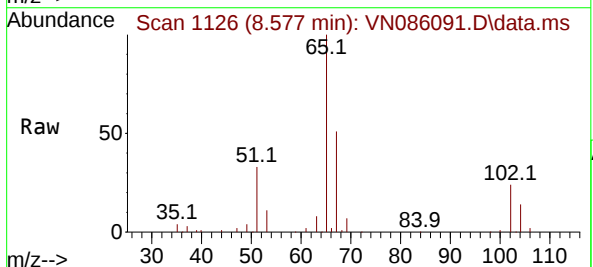
Instrument :
MSVOA_N
ClientSampleId :
VN0325MBL01

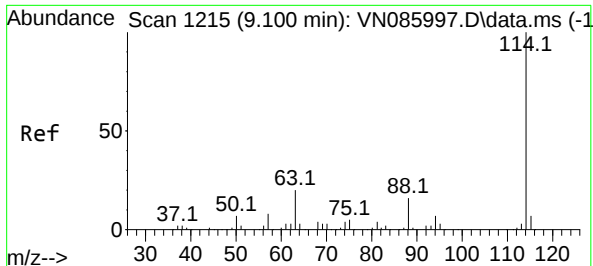
Tgt Ion:168 Resp: 180020
Ion Ratio Lower Upper
168 100
99 61.9 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 53.762 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086091.D
Acq: 25 Mar 2025 11:02

Tgt Ion: 65 Resp: 132527
Ion Ratio Lower Upper
65 100
67 52.8 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086091.D

Acq: 25 Mar 2025 11:02

Instrument :

MSVOA_N

ClientSampleId :

VN0325MBL01

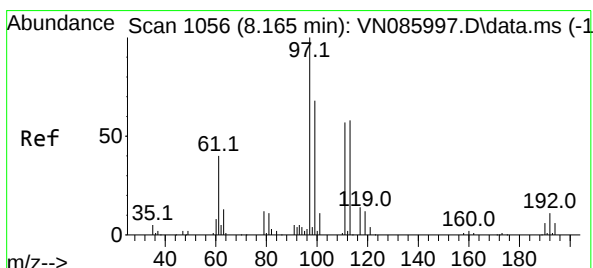
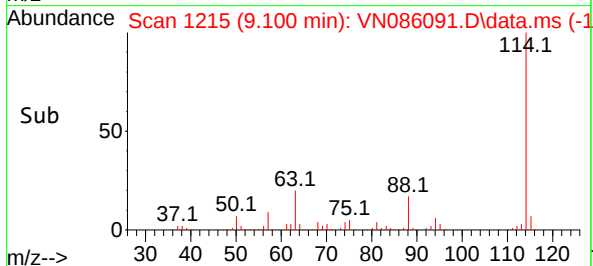
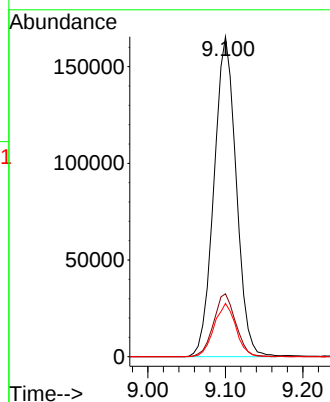
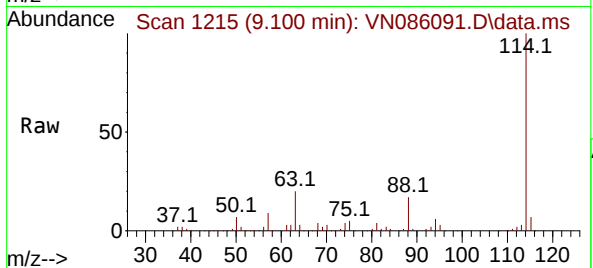
Tgt Ion:114 Resp: 329970

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

88 16.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.734 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086091.D

Acq: 25 Mar 2025 11:02

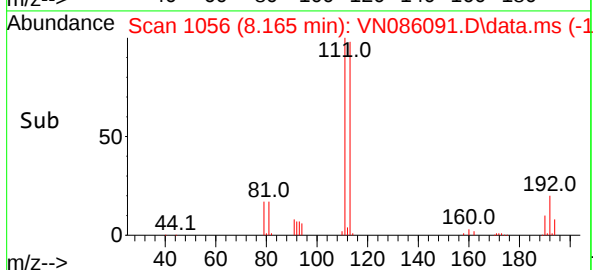
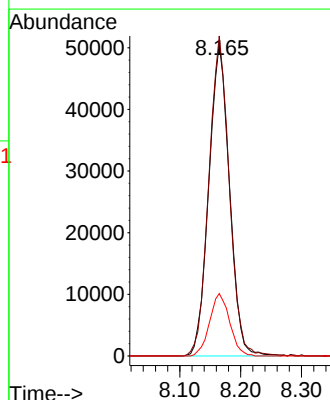
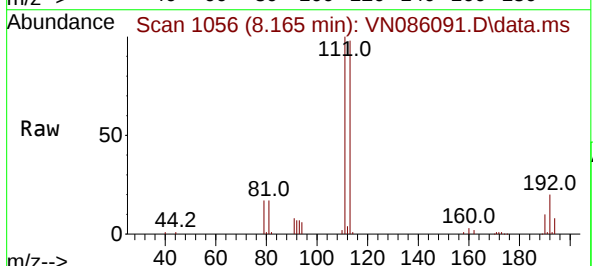
Tgt Ion:113 Resp: 119150

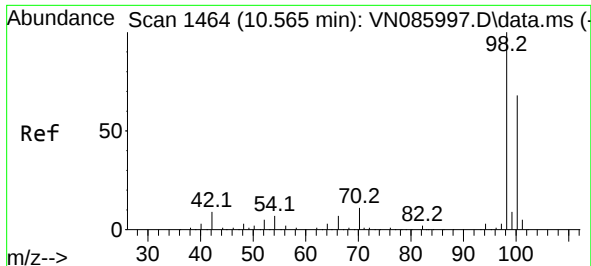
Ion Ratio Lower Upper

113 100

111 101.7 81.8 122.8

192 19.4 15.9 23.9

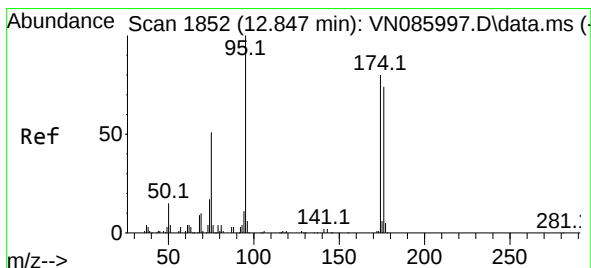
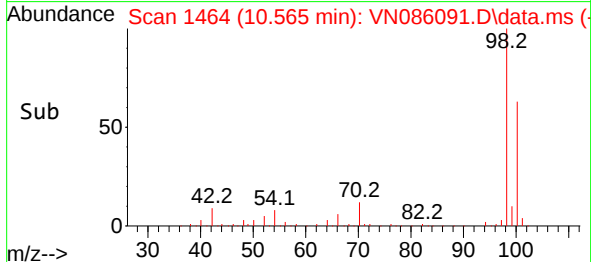
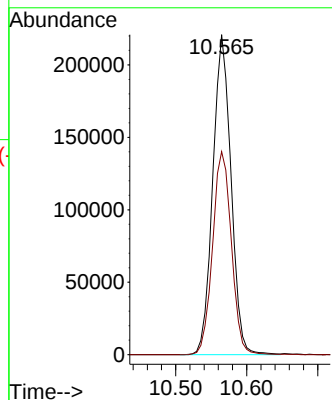
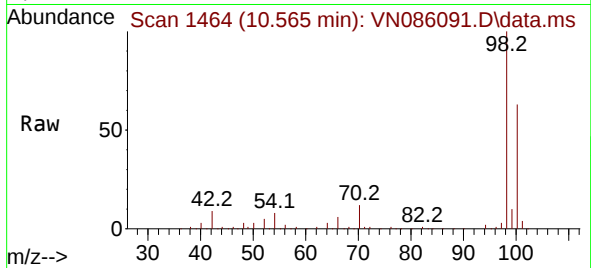




#50
Toluene-d8
Concen: 47.034 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086091.D
Acq: 25 Mar 2025 11:02

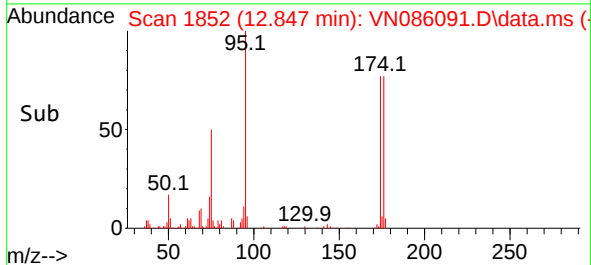
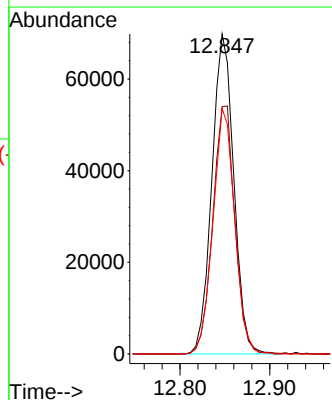
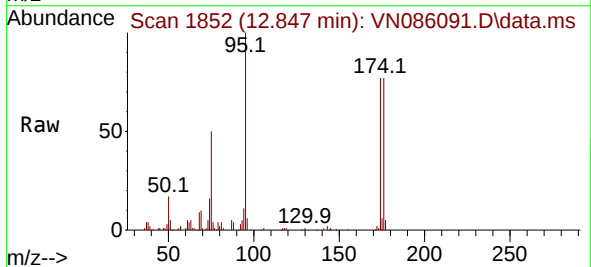
Instrument :
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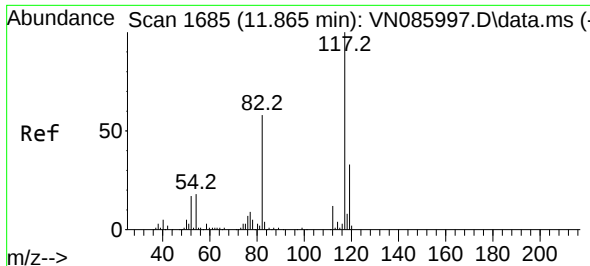
Tgt Ion: 98 Resp: 393152
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 39.661 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086091.D
Acq: 25 Mar 2025 11:02

Tgt Ion: 95 Resp: 118229
Ion Ratio Lower Upper
95 100
174 78.6 0.0 156.8
176 76.0 0.0 152.2

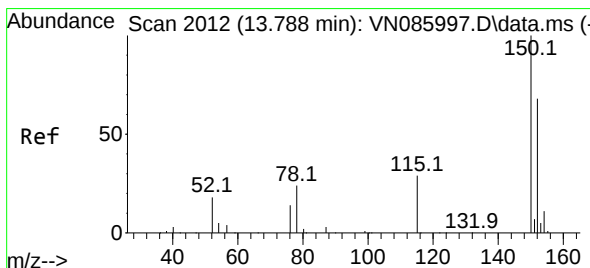
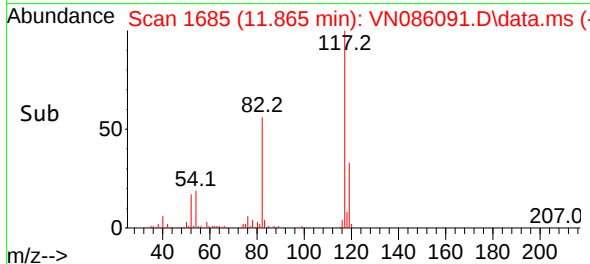
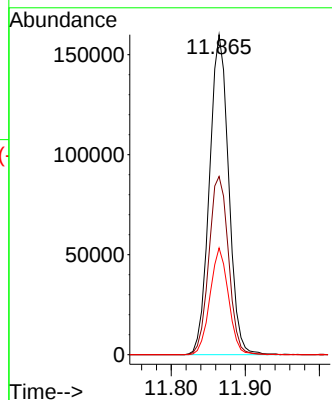
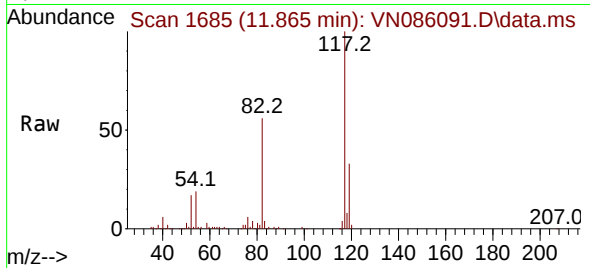




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086091.D
Acq: 25 Mar 2025 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0325MBL01

Tgt Ion:117 Resp: 287970
Ion Ratio Lower Upper
117 100
82 55.7 46.7 70.1
119 33.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086091.D
Acq: 25 Mar 2025 11:02

Tgt Ion:152 Resp: 114422
Ion Ratio Lower Upper
152 100
115 61.1 31.1 93.2
150 156.3 0.0 359.6

