

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031925\
 Data File : VN086007.D
 Acq On : 19 Mar 2025 14:16
 Operator : JC\MD
 Sample : VN0319WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBL01

Quant Time: Mar 20 01:30:10 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	127231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	225185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	200403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	82500	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	98233	56.384	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.760%
35) Dibromofluoromethane	8.165	113	83134	52.892	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.780%
50) Toluene-d8	10.565	98	272057	47.692	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.380%
62) 4-Bromofluorobenzene	12.847	95	87895	43.205	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	86.420%

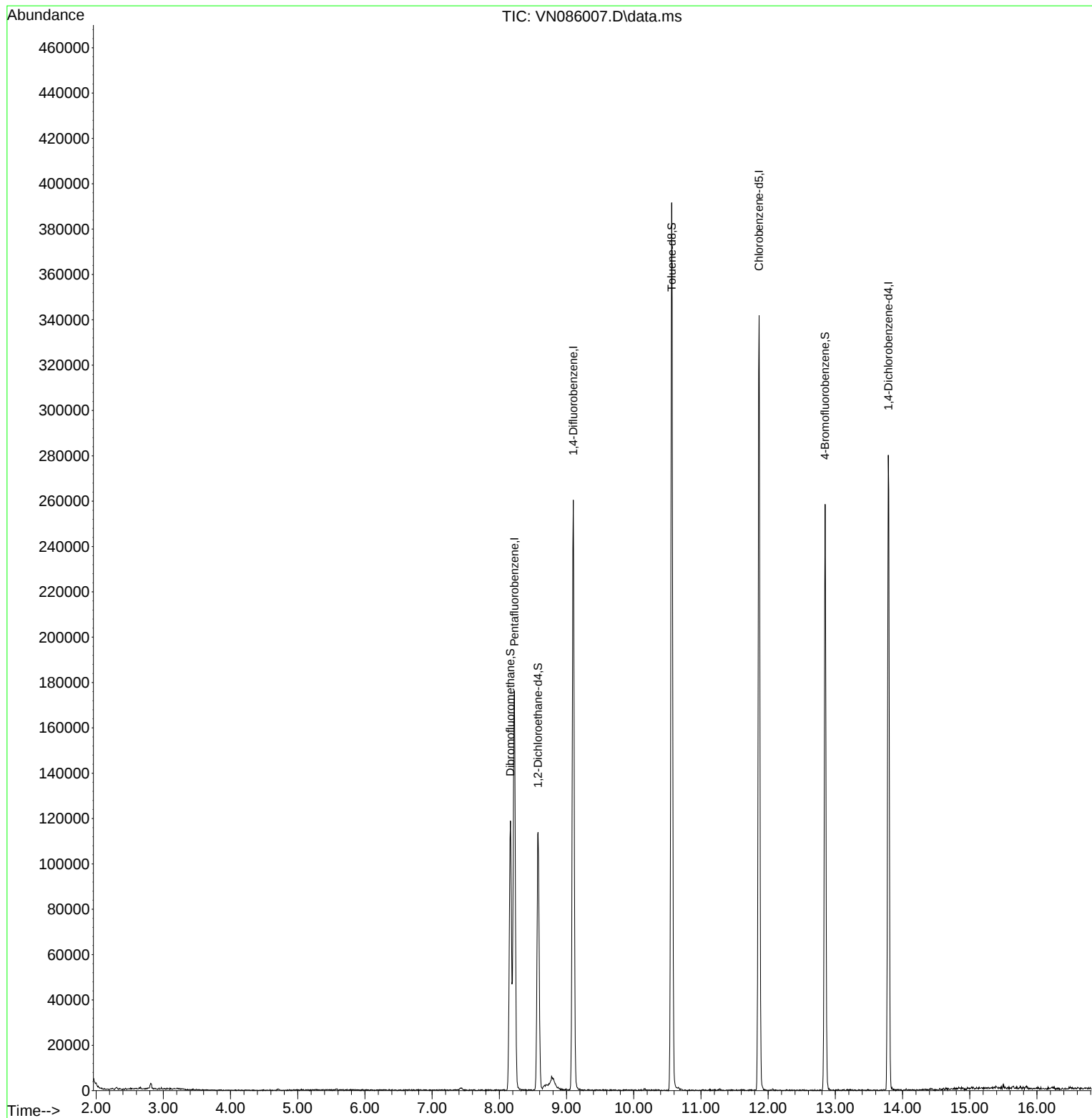
Target Compounds	Qvalue

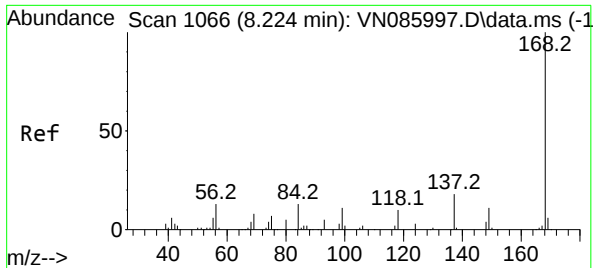
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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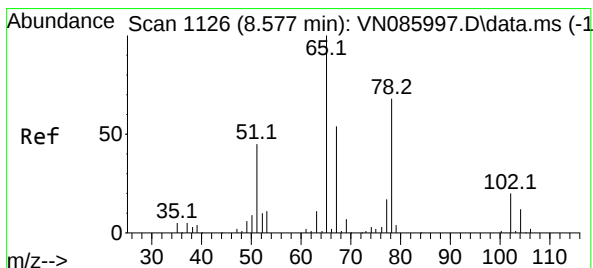
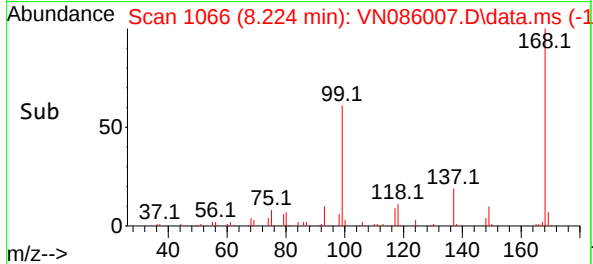
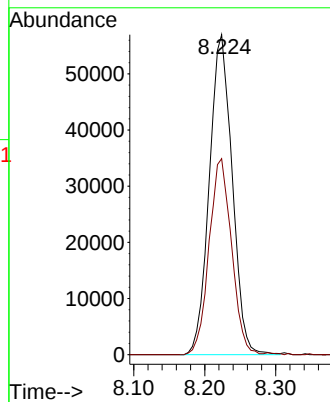
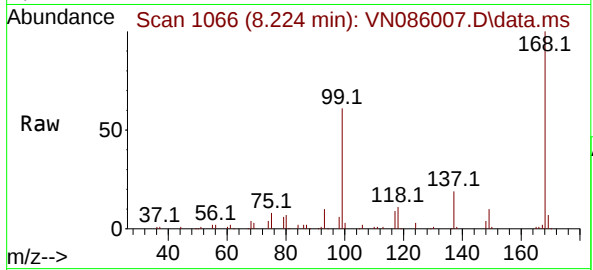




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086007.D
Acq: 19 Mar 2025 14:16

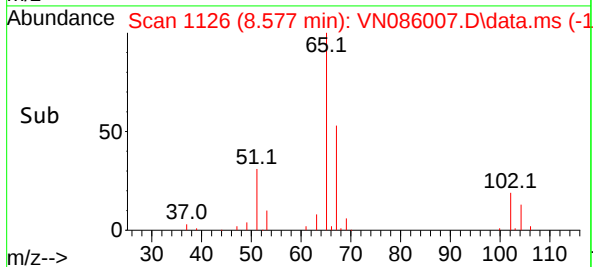
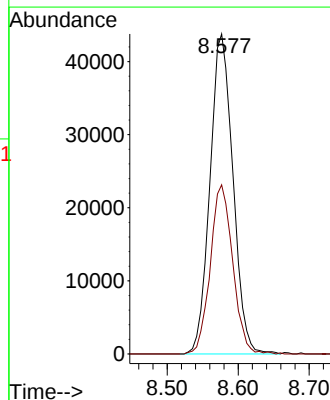
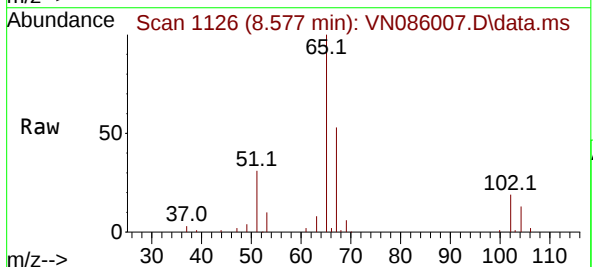
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBL01

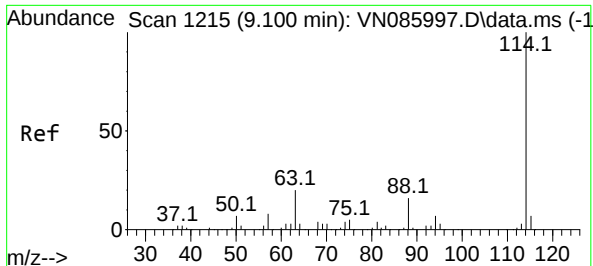
Tgt Ion:168 Resp: 127231
Ion Ratio Lower Upper
168 100
99 61.3 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 56.384 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086007.D
Acq: 19 Mar 2025 14:16

Tgt Ion: 65 Resp: 98233
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.2

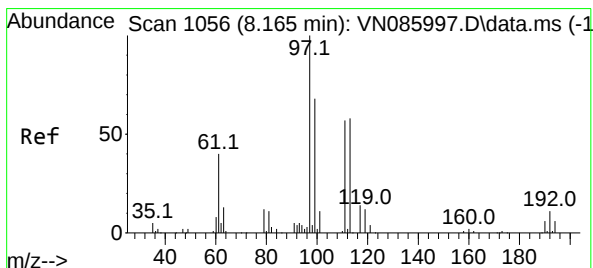
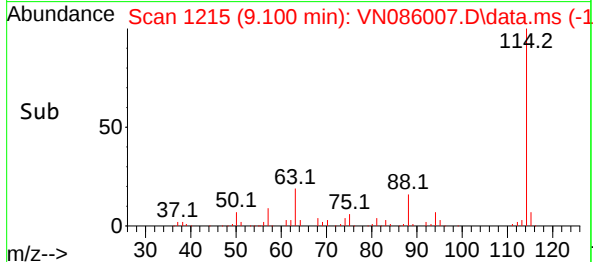
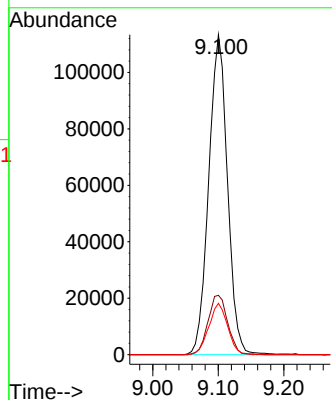
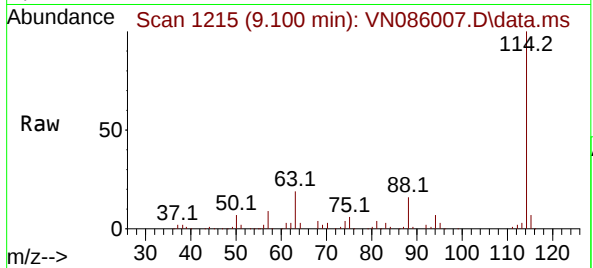




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086007.D
Acq: 19 Mar 2025 14:16

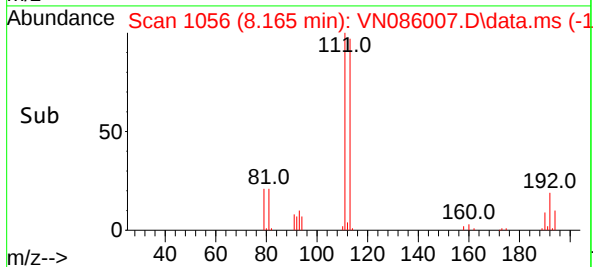
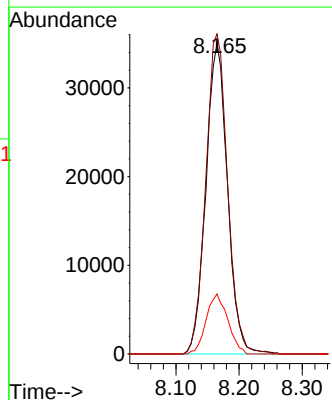
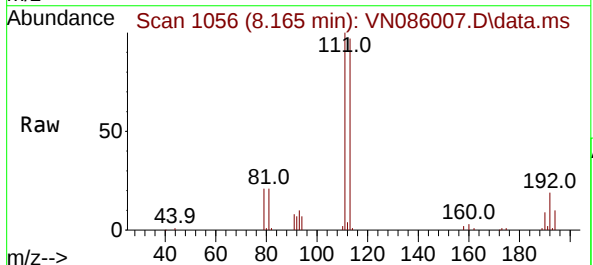
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBL01

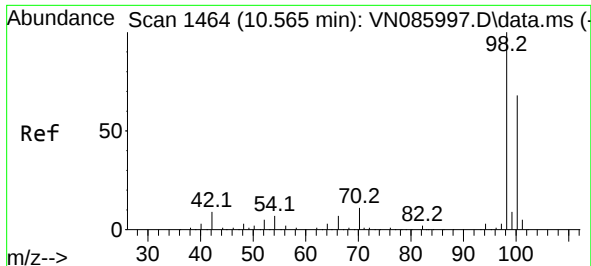
Tgt Ion:114 Resp: 225185
Ion Ratio Lower Upper
114 100
63 18.6 0.0 39.6
88 16.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 52.892 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086007.D
Acq: 19 Mar 2025 14:16

Tgt Ion:113 Resp: 83134
Ion Ratio Lower Upper
113 100
111 104.2 81.8 122.8
192 19.4 15.9 23.9

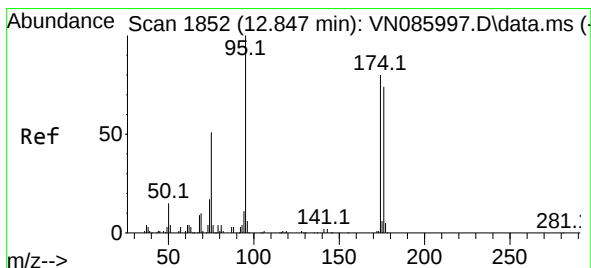
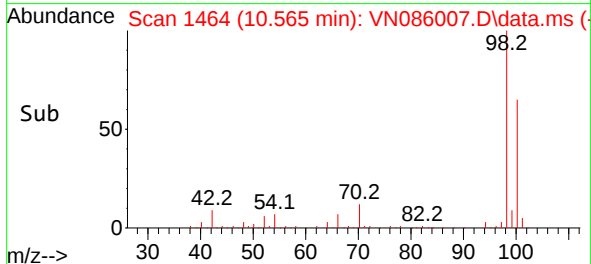
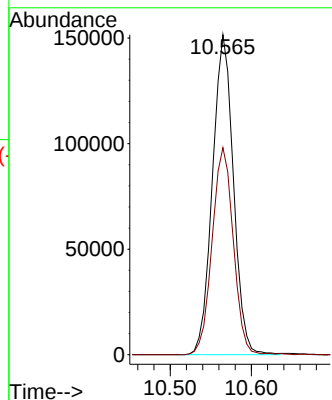
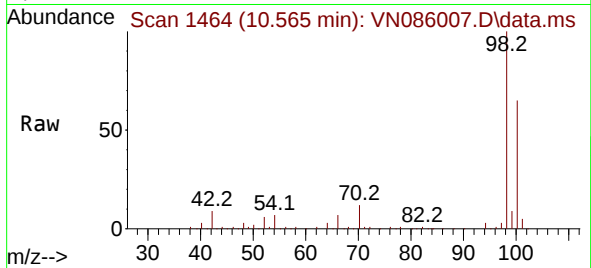




#50
Toluene-d8
Concen: 47.692 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086007.D
Acq: 19 Mar 2025 14:16

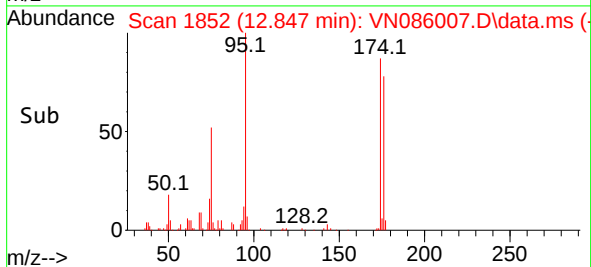
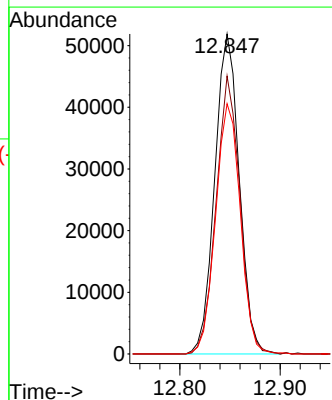
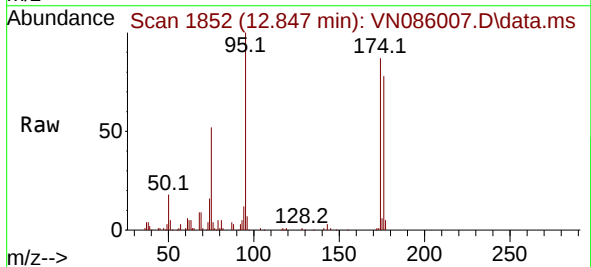
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBL01

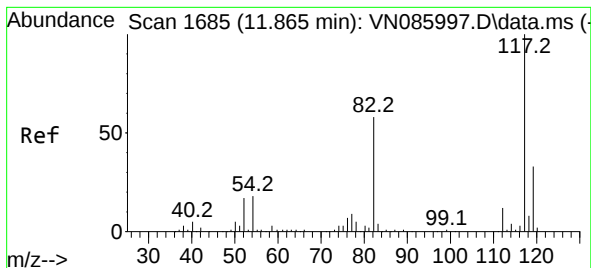
Tgt Ion: 98 Resp: 272057
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 43.205 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086007.D
Acq: 19 Mar 2025 14:16

Tgt Ion: 95 Resp: 87895
Ion Ratio Lower Upper
95 100
174 84.5 0.0 156.8
176 79.2 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: VN086007.D

Acq: 19 Mar 2025 14:16

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBL01

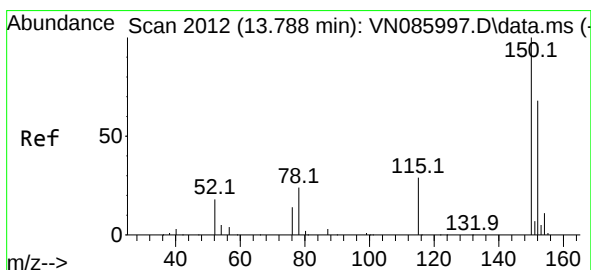
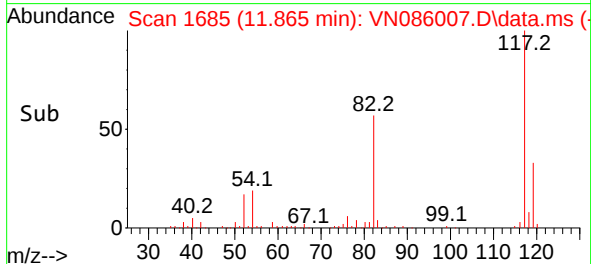
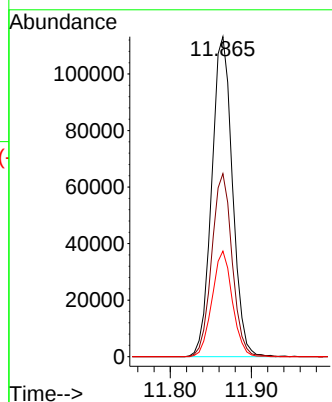
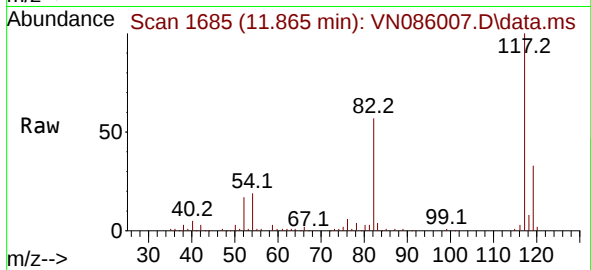
Tgt Ion:117 Resp: 200403

Ion Ratio Lower Upper

117 100

82 57.2 46.7 70.1

119 33.0 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: VN086007.D

Acq: 19 Mar 2025 14:16

Tgt Ion:152 Resp: 82500

Ion Ratio Lower Upper

152 100

115 60.5 31.1 93.2

150 159.1 0.0 359.6

