

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060324\
 Data File : VN082427.D
 Acq On : 03 Jun 2024 12:10
 Operator : JC\MD
 Sample : VN0603WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBL01

Quant Time: Jun 04 00:25:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	160117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	289154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	274624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	113554	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	136491	53.986	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.980%
35) Dibromofluoromethane	8.171	113	96623	54.321	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.640%
50) Toluene-d8	10.571	98	373942	54.834	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.660%
62) 4-Bromofluorobenzene	12.853	95	123557	50.762	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	101.520%

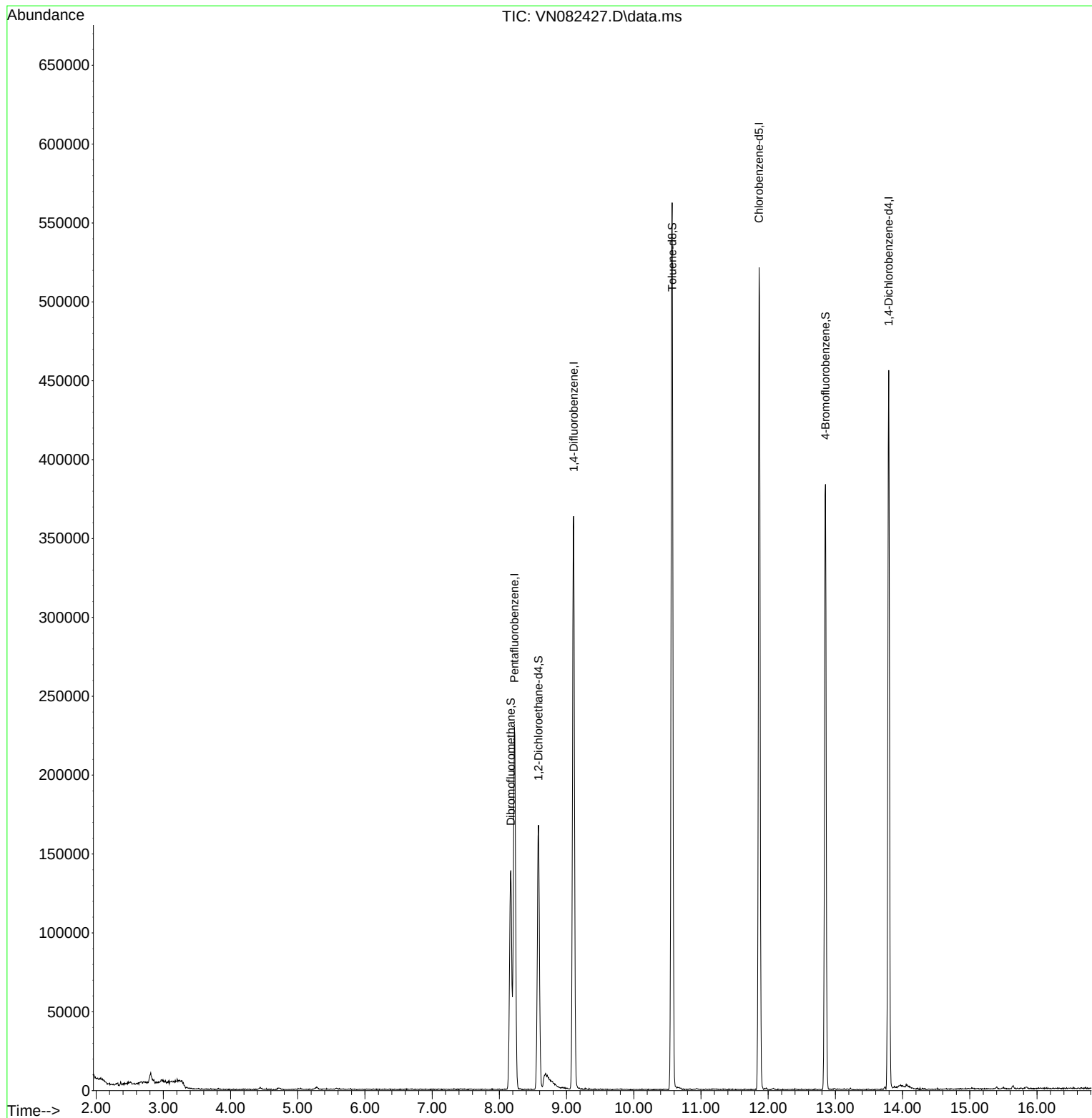
Target Compounds	Qvalue

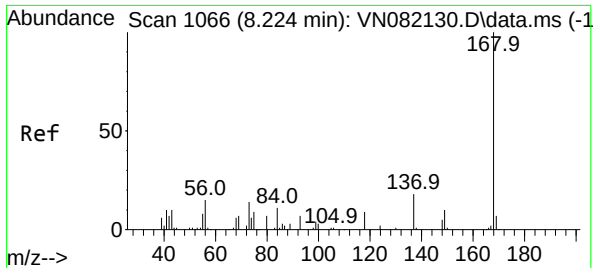
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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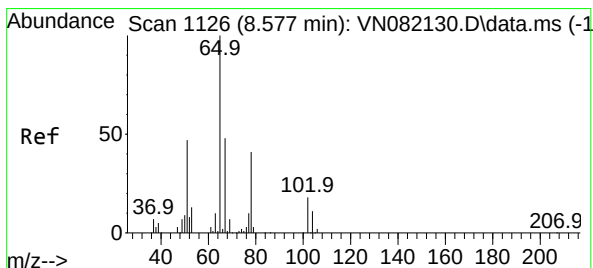
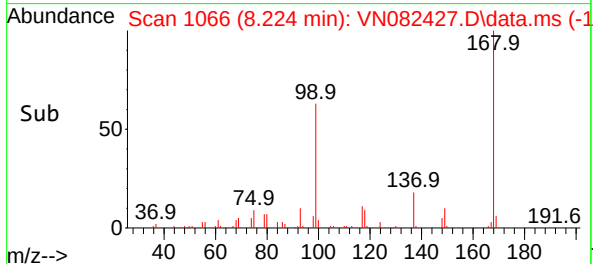
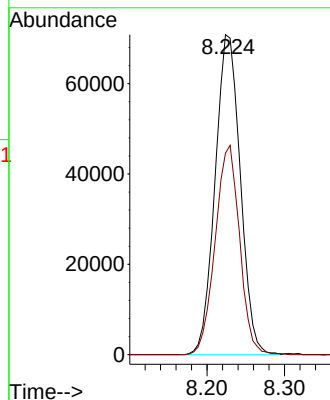
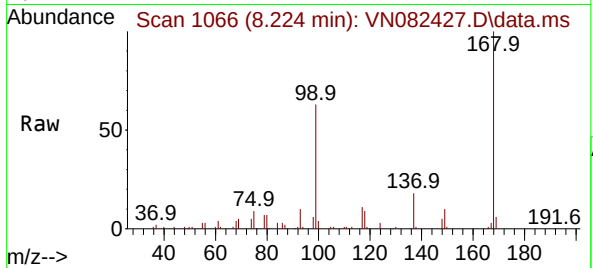




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082427.D
Acq: 03 Jun 2024 12:10

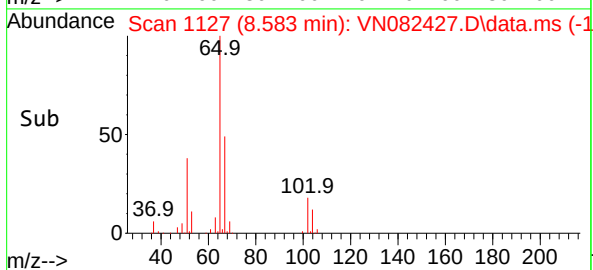
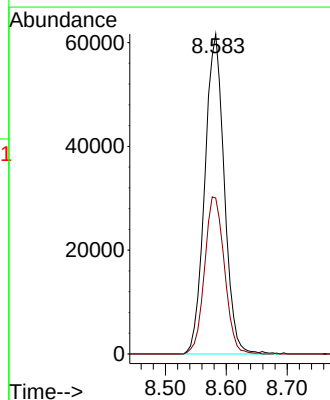
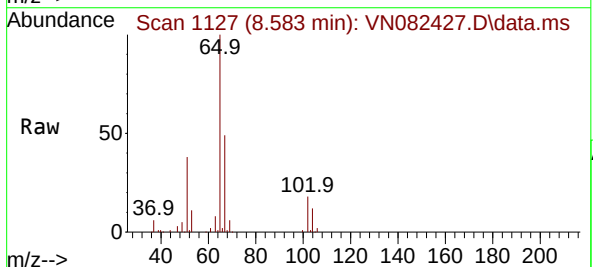
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBL01

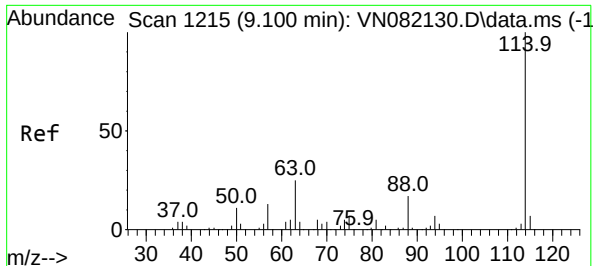
Tgt Ion:168 Resp: 160117
Ion Ratio Lower Upper
168 100
99 63.0 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 53.986 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082427.D
Acq: 03 Jun 2024 12:10

Tgt Ion: 65 Resp: 136491
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082427.D

Acq: 03 Jun 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :

VN0603WBL01

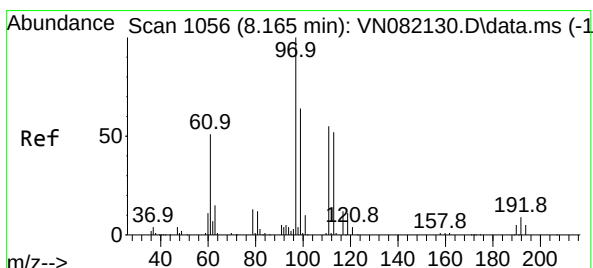
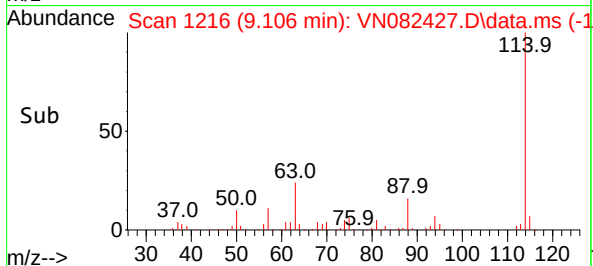
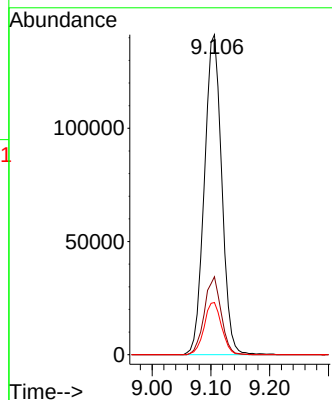
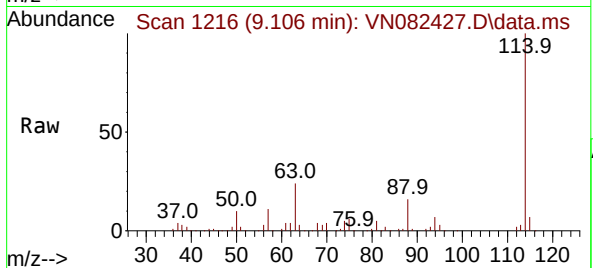
Tgt Ion:114 Resp: 289154

Ion Ratio Lower Upper

114 100

63 24.3 0.0 41.0

88 16.3 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.321 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082427.D

Acq: 03 Jun 2024 12:10

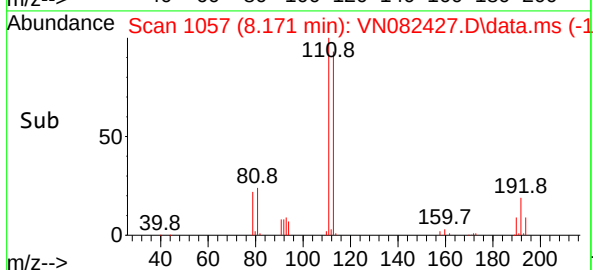
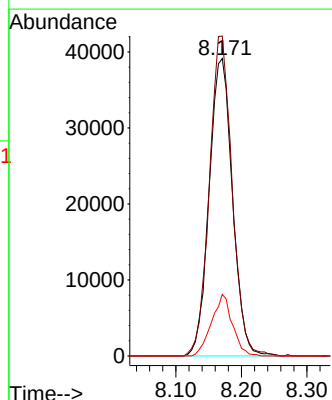
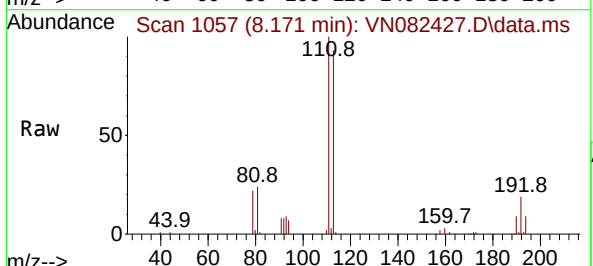
Tgt Ion:113 Resp: 96623

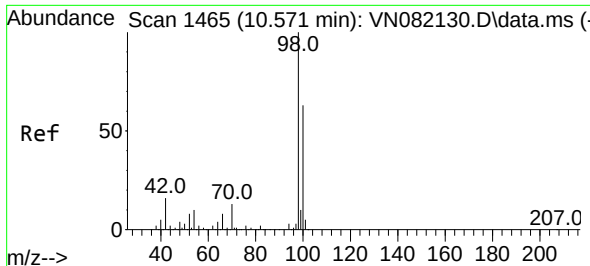
Ion Ratio Lower Upper

113 100

111 104.6 83.4 125.2

192 18.5 14.0 21.0

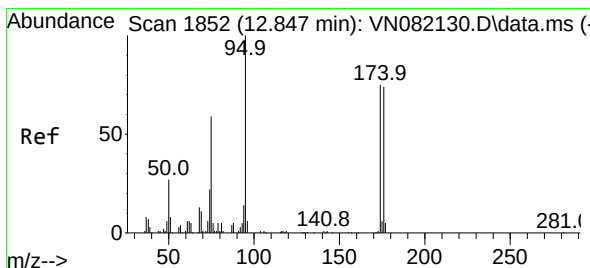
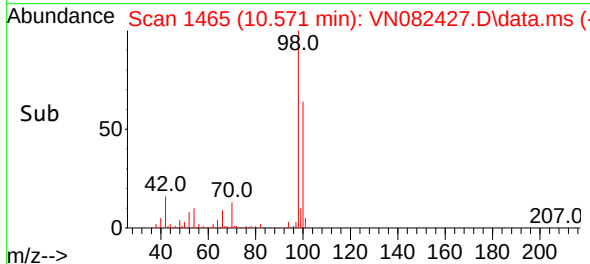
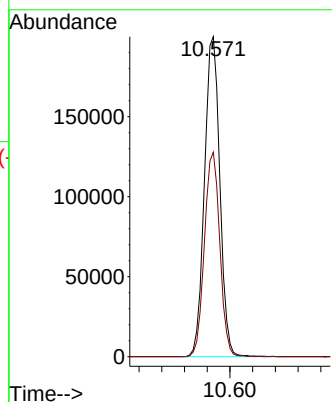
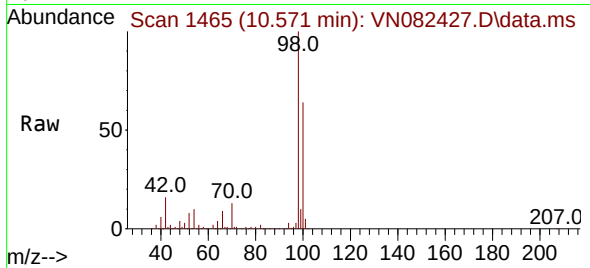




#50
Toluene-d8
Concen: 54.834 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082427.D
Acq: 03 Jun 2024 12:10

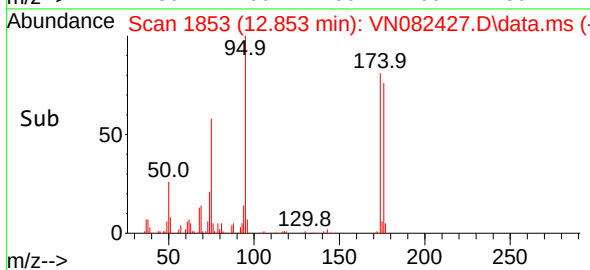
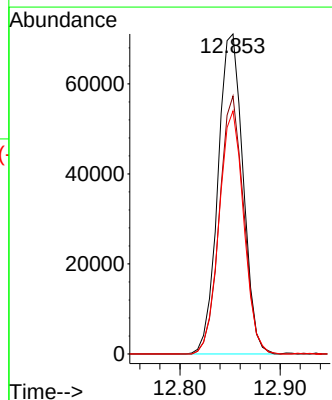
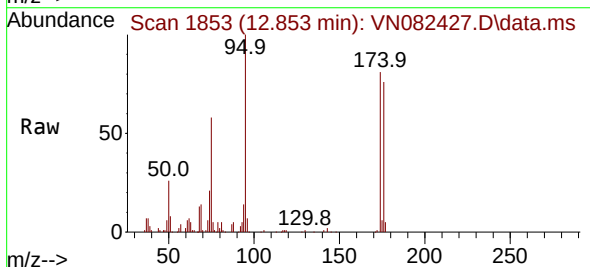
Instrument :
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VN0603WBL01

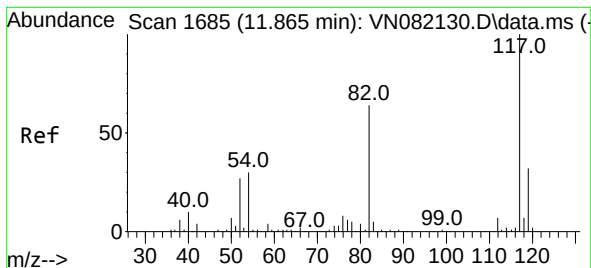
Tgt Ion: 98 Resp: 373942
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.762 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082427.D
Acq: 03 Jun 2024 12:10

Tgt Ion: 95 Resp: 123557
Ion Ratio Lower Upper
95 100
174 77.6 0.0 160.6
176 74.7 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082427.D

Acq: 03 Jun 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :

VN0603WBL01

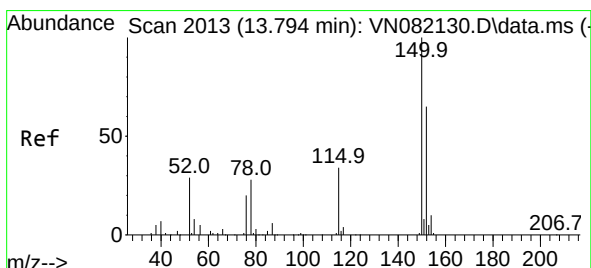
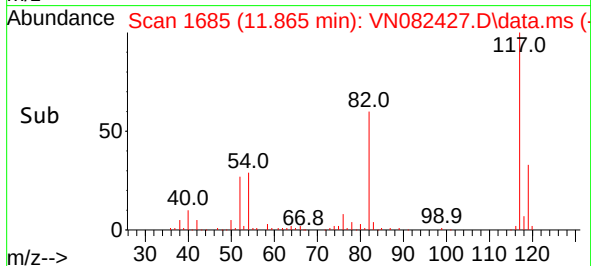
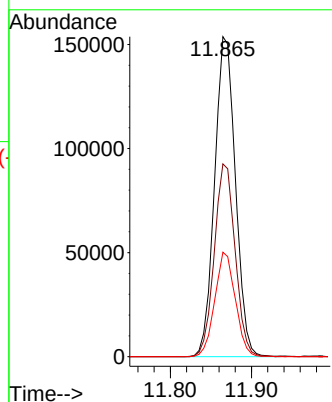
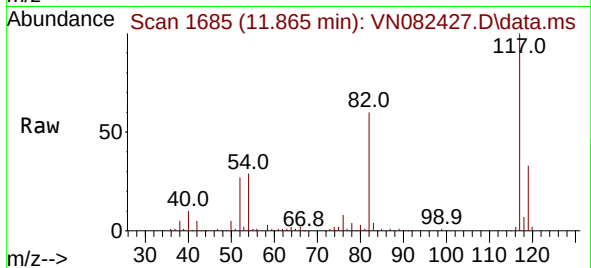
Tgt Ion:117 Resp: 274624

Ion Ratio Lower Upper

117 100

82 60.3 44.6 66.8

119 32.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN082427.D

Acq: 03 Jun 2024 12:10

Tgt Ion:152 Resp: 113554

Ion Ratio Lower Upper

152 100

115 60.9 30.4 91.3

150 156.1 0.0 353.2

