

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050124\
 Data File : VN081947.D
 Acq On : 01 May 2024 11:15
 Operator : JC\MD
 Sample : VN0501WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0501WBL01

Quant Time: May 02 01:30:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	211752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	411362	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	363836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	139033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	157265	44.005	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.000%
35) Dibromofluoromethane	8.165	113	119107	48.090	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.180%
50) Toluene-d8	10.565	98	501176	51.523	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.040%
62) 4-Bromofluorobenzene	12.847	95	169713	44.136	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	88.280%

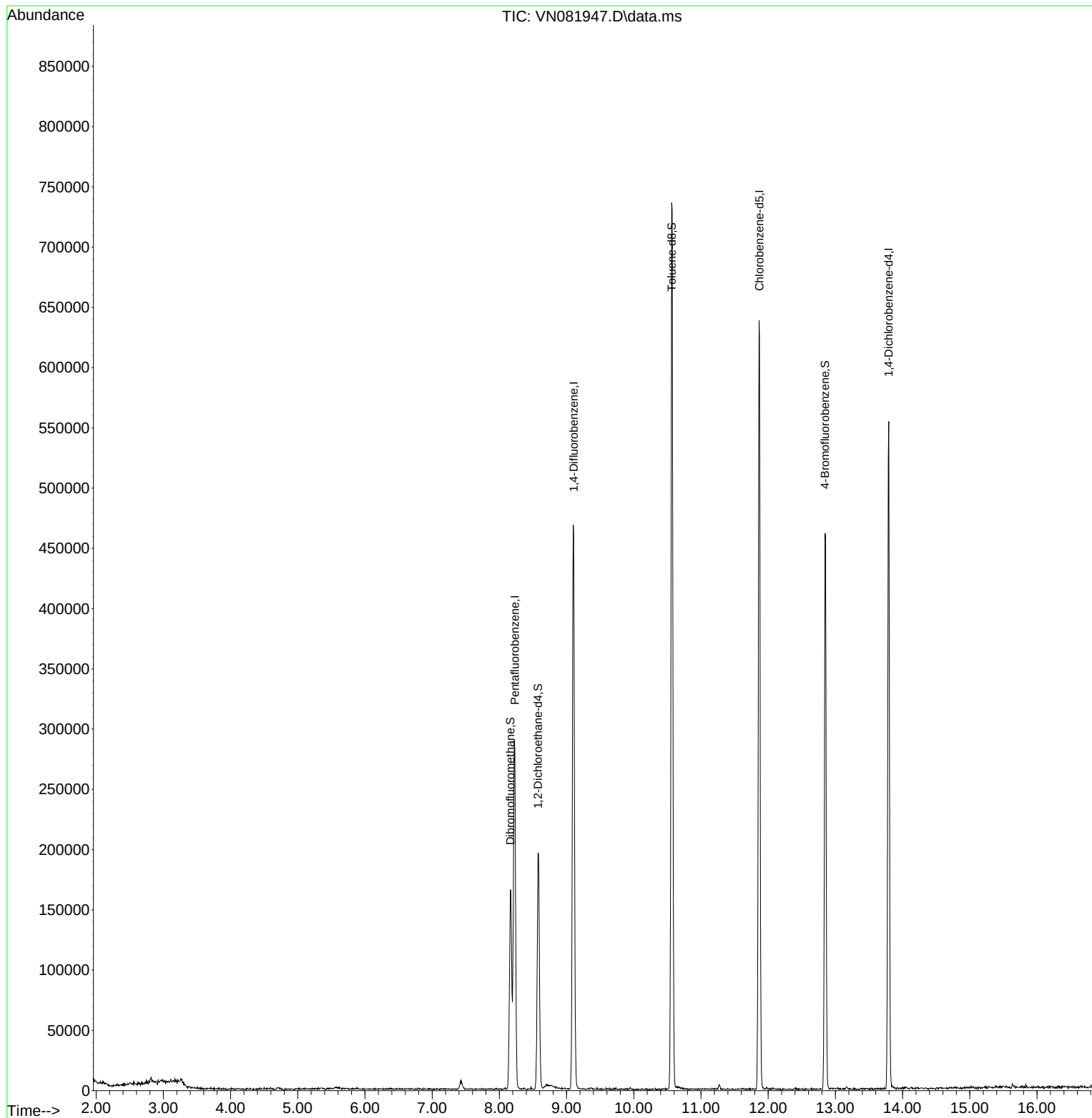
Target Compounds	Qvalue

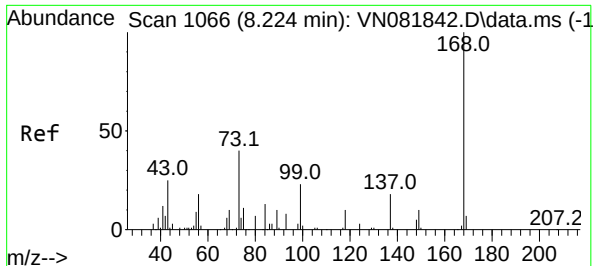
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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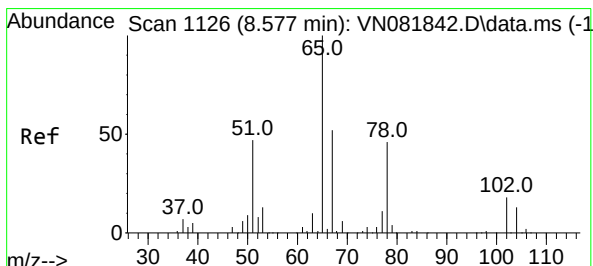
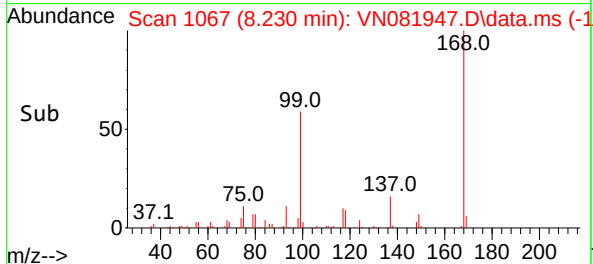
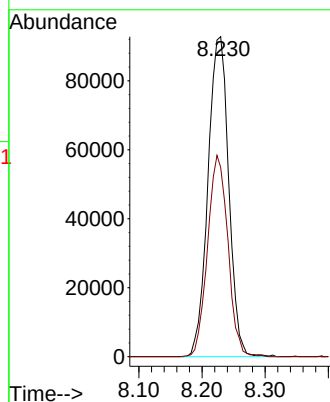
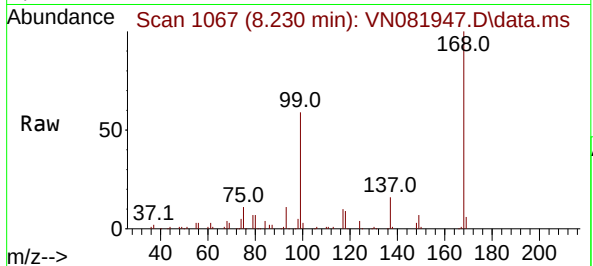




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081947.D
Acq: 01 May 2024 11:15

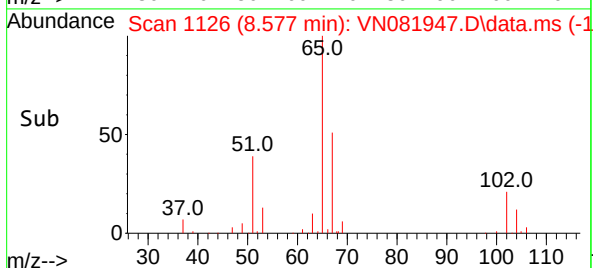
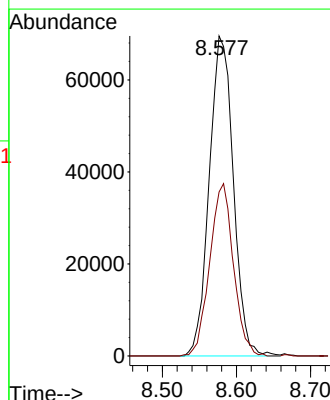
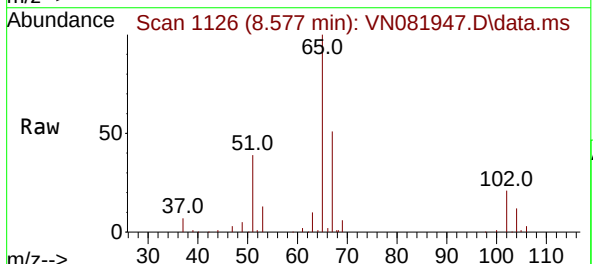
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBL01

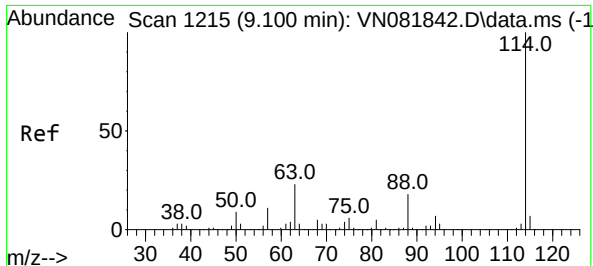
Tgt Ion:168 Resp: 211752
Ion Ratio Lower Upper
168 100
99 59.2 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 44.005 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081947.D
Acq: 01 May 2024 11:15

Tgt Ion: 65 Resp: 157265
Ion Ratio Lower Upper
65 100
67 53.0 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081947.D

Acq: 01 May 2024 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBL01

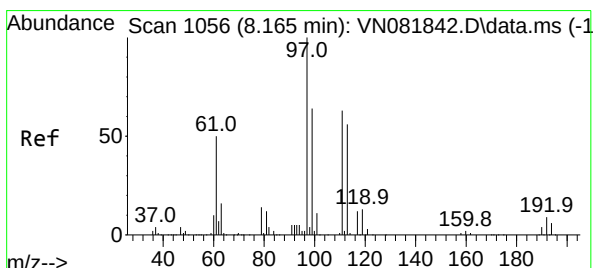
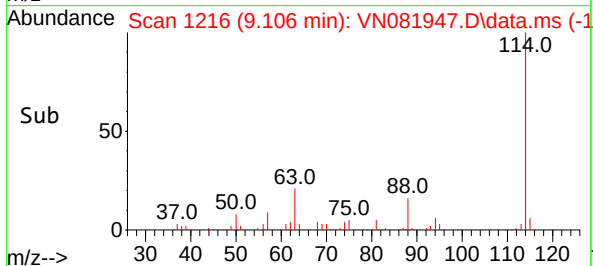
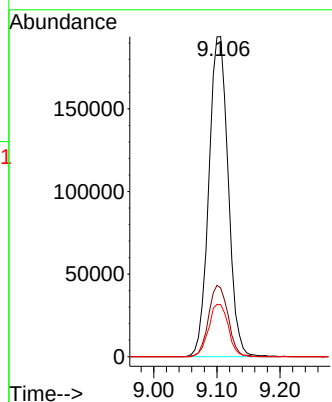
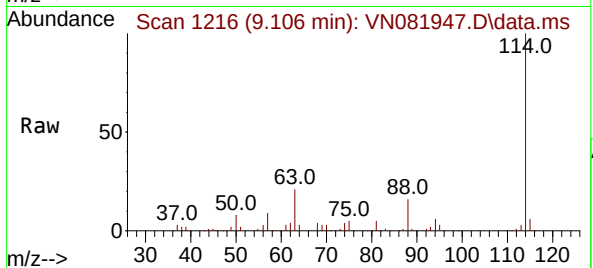
Tgt Ion:114 Resp: 411362

Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.0

88 16.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.090 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081947.D

Acq: 01 May 2024 11:15

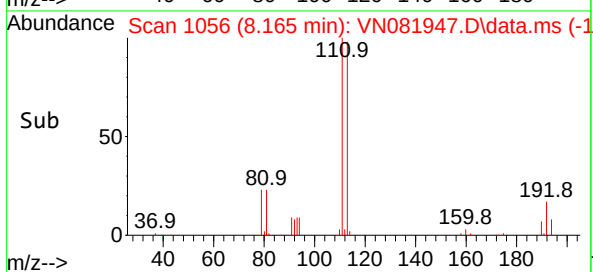
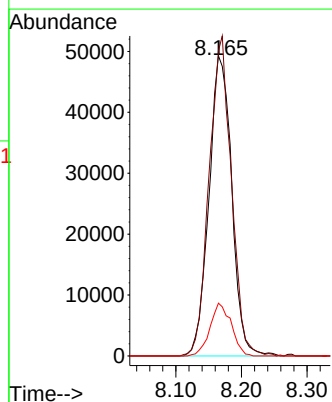
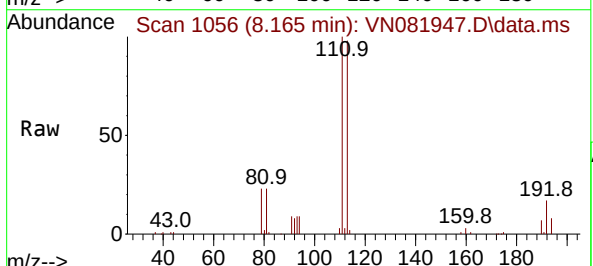
Tgt Ion:113 Resp: 119107

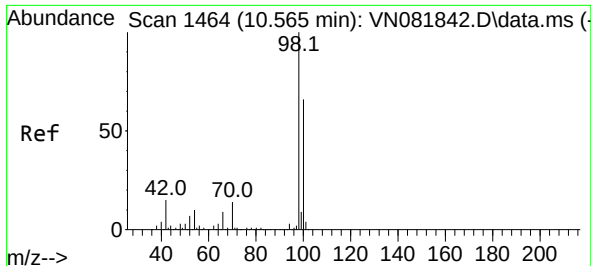
Ion Ratio Lower Upper

113 100

111 103.9 83.4 125.2

192 16.4 14.0 21.0

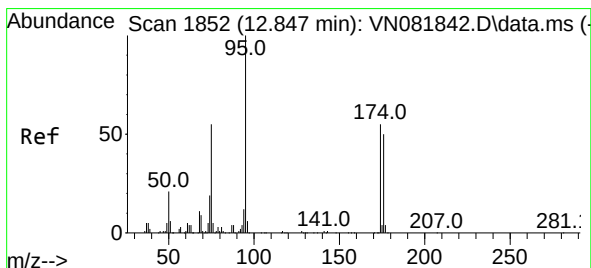
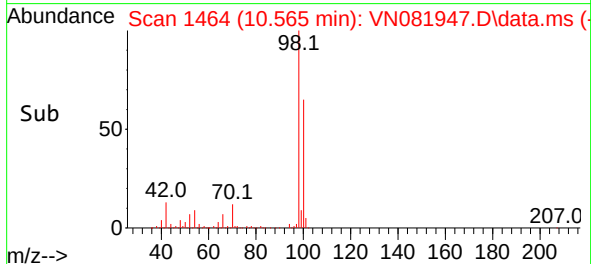
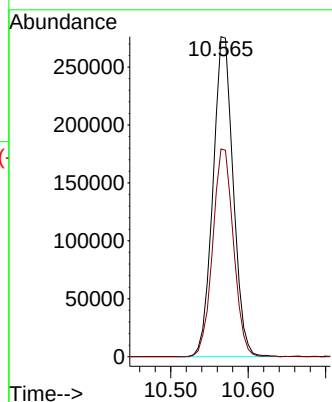
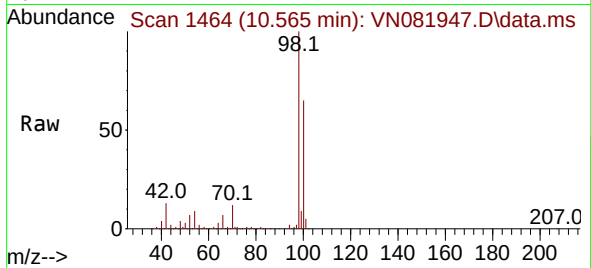




#50
Toluene-d8
Concen: 51.523 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081947.D
Acq: 01 May 2024 11:15

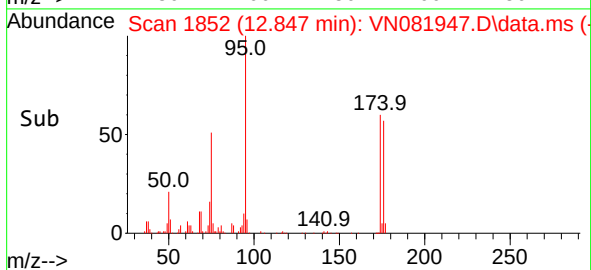
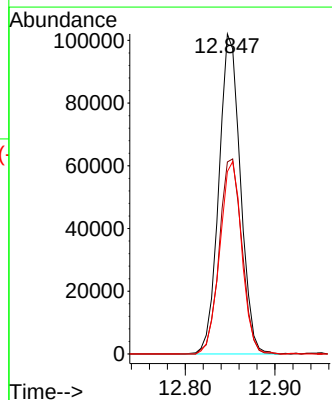
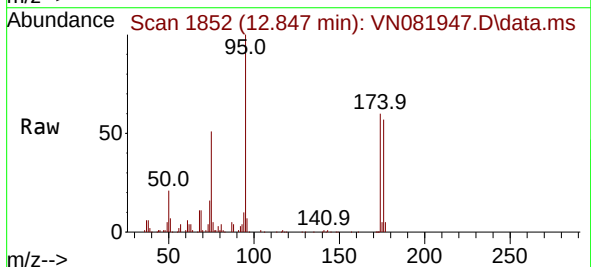
Instrument :
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VN0501WBL01

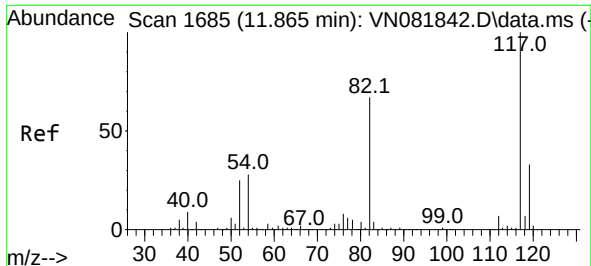
Tgt Ion: 98 Resp: 501176
Ion Ratio Lower Upper
98 100
100 66.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 44.136 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081947.D
Acq: 01 May 2024 11:15

Tgt Ion: 95 Resp: 169713
Ion Ratio Lower Upper
95 100
174 63.9 0.0 160.6
176 61.6 0.0 152.8

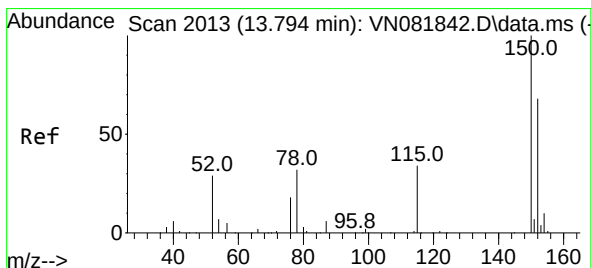
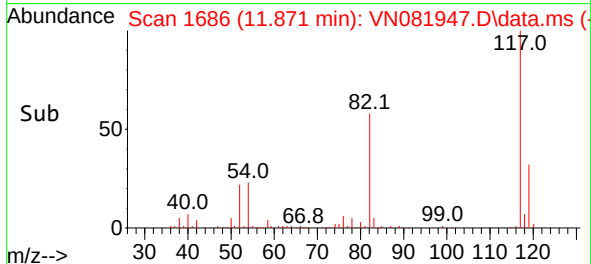
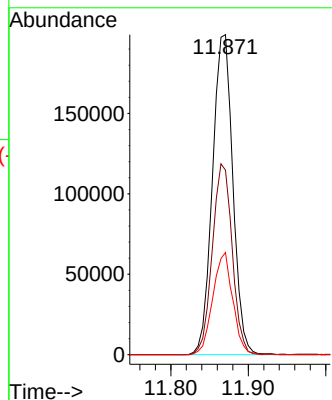
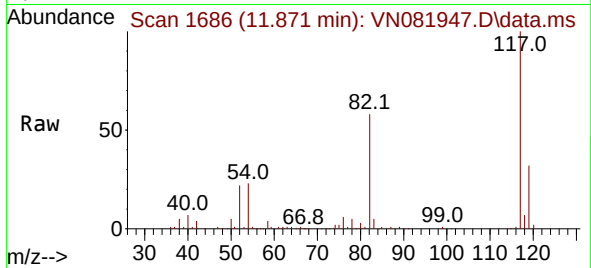




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081947.D
Acq: 01 May 2024 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0501WBL01

Tgt Ion:117 Resp: 363836
Ion Ratio Lower Upper
117 100
82 57.7 44.6 66.8
119 31.9 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: VN081947.D
Acq: 01 May 2024 11:15

Tgt Ion:152 Resp: 139033
Ion Ratio Lower Upper
152 100
115 63.7 30.4 91.3
150 158.3 0.0 353.2

