

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081224\
 Data File : VN083227.D
 Acq On : 12 Aug 2024 10:46
 Operator : JC\MD
 Sample : VN0812WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBL01

Quant Time: Aug 13 04:12:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	155185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	297997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	309712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	137198	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	124957	56.570	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.140%
35) Dibromofluoromethane	8.165	113	99644	53.571	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.140%
50) Toluene-d8	10.565	98	373919	53.891	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.780%
62) 4-Bromofluorobenzene	12.847	95	159944	59.130	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	118.260%

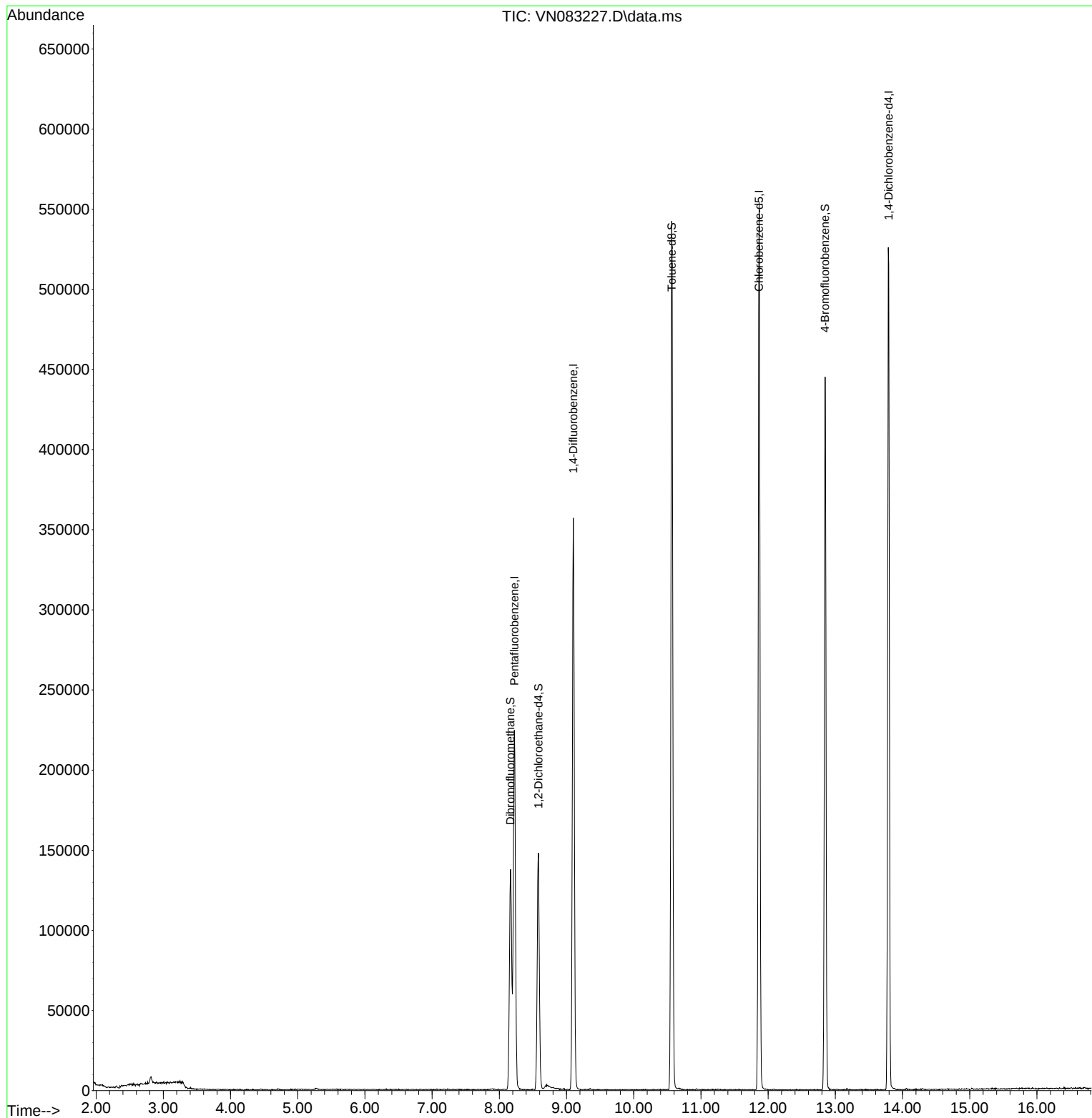
Target Compounds	Qvalue

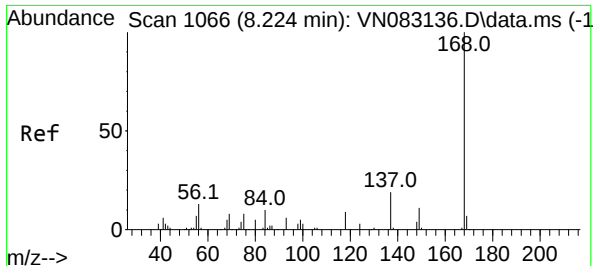
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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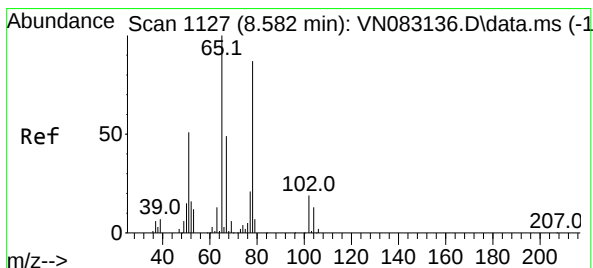
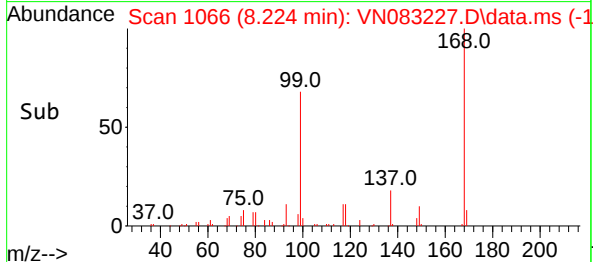
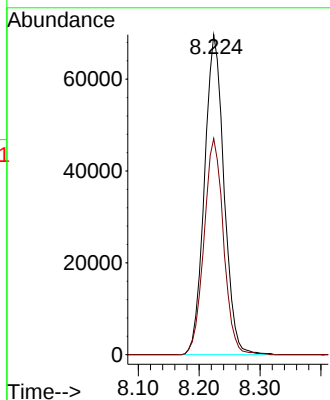
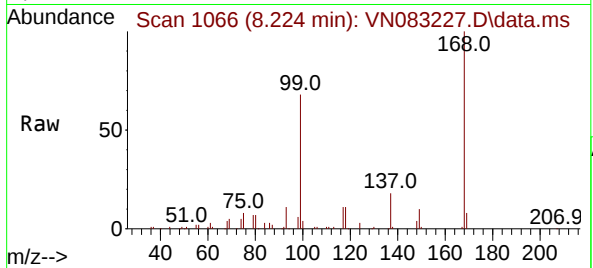




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083227.D
Acq: 12 Aug 2024 10:46

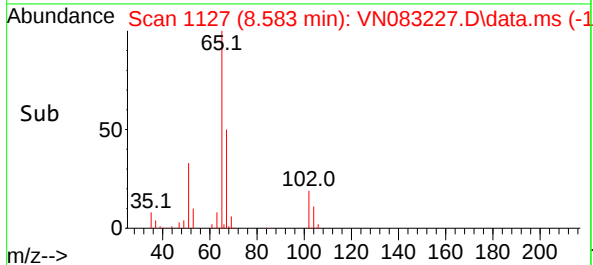
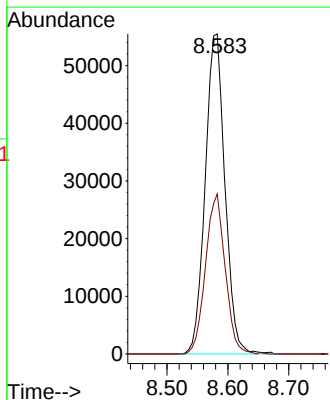
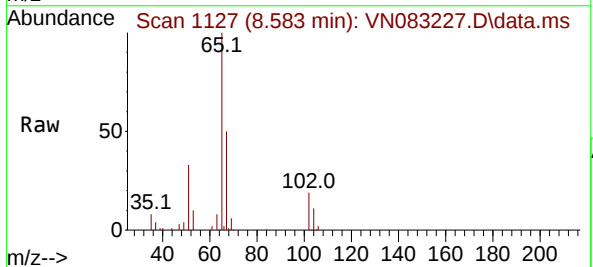
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBL01

Tgt Ion:168 Resp: 155185
Ion Ratio Lower Upper
168 100
99 67.6 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 56.570 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083227.D
Acq: 12 Aug 2024 10:46

Tgt Ion: 65 Resp: 124957
Ion Ratio Lower Upper
65 100
67 49.7 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083227.D

Acq: 12 Aug 2024 10:46

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBL01

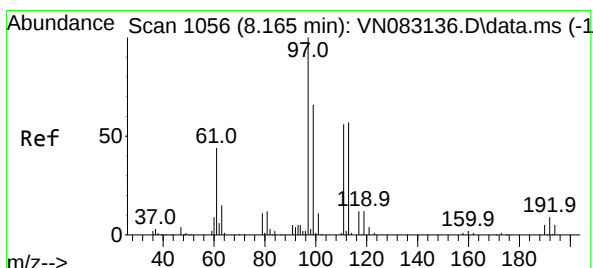
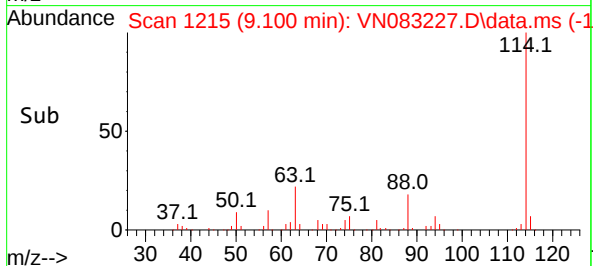
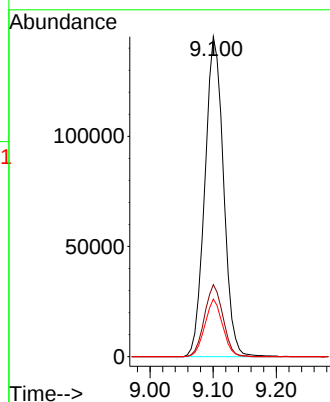
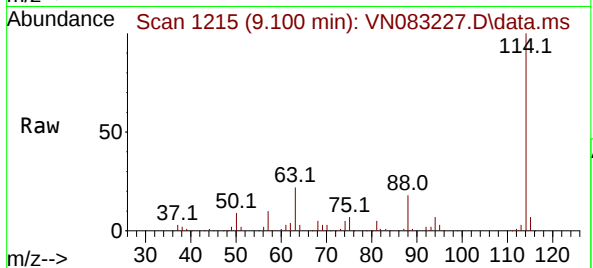
Tgt Ion:114 Resp: 297997

Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.6

88 18.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.571 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083227.D

Acq: 12 Aug 2024 10:46

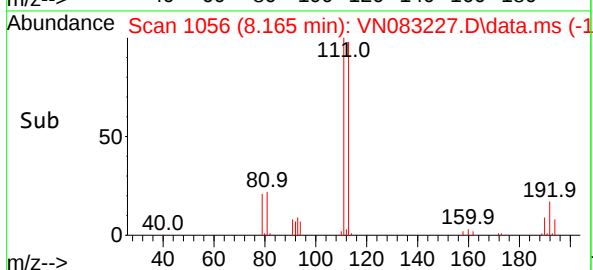
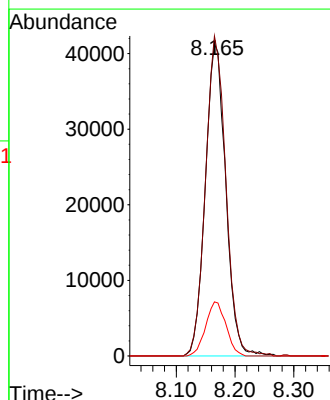
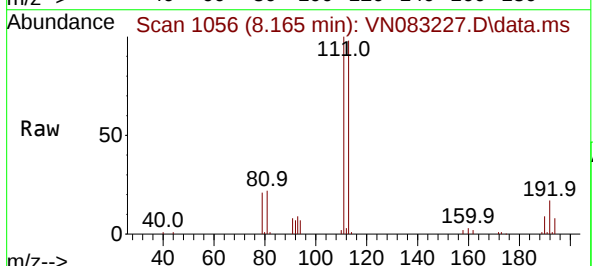
Tgt Ion:113 Resp: 99644

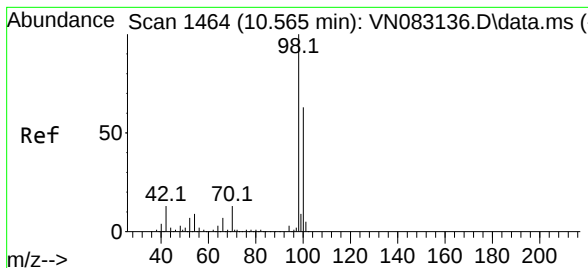
Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

192 17.2 14.9 22.3

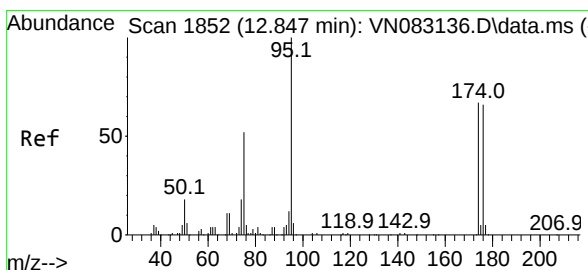
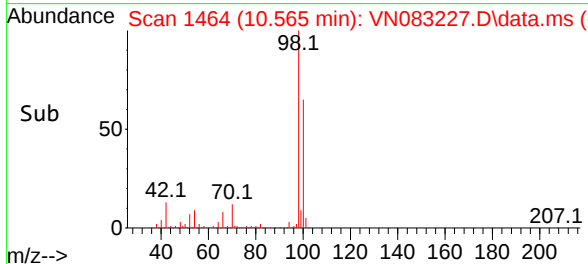
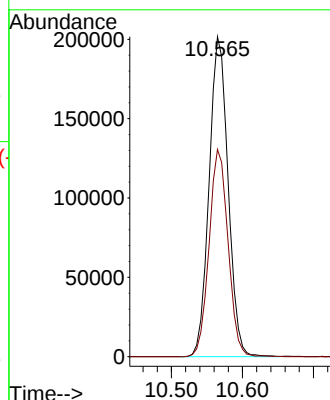
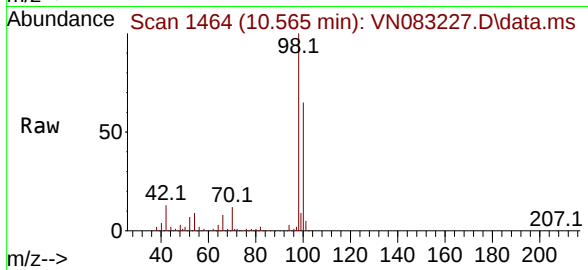




#50
Toluene-d8
Concen: 53.891 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083227.D
Acq: 12 Aug 2024 10:46

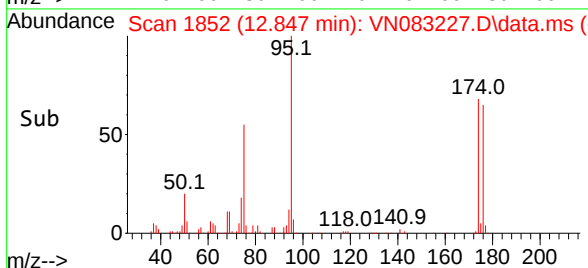
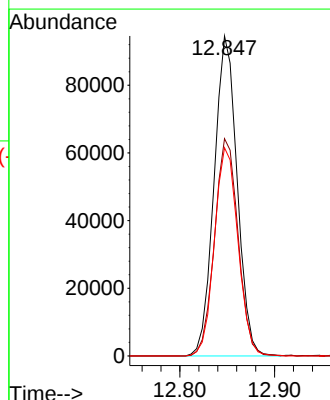
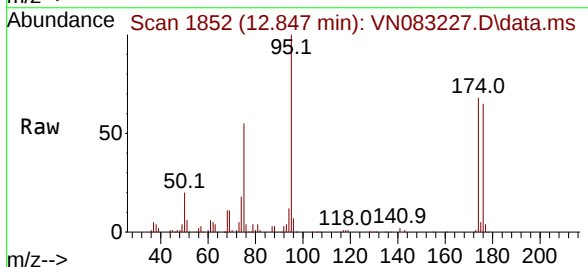
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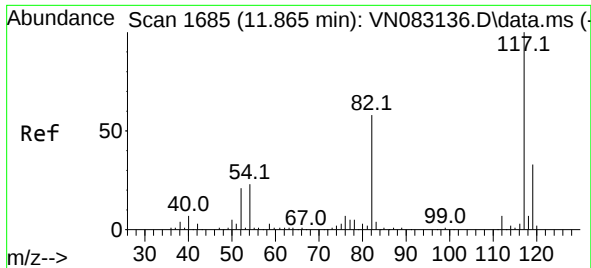
Tgt Ion: 98 Resp: 373919
Ion Ratio Lower Upper
98 100
100 64.9 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 59.130 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083227.D
Acq: 12 Aug 2024 10:46

Tgt Ion: 95 Resp: 159944
Ion Ratio Lower Upper
95 100
174 69.4 0.0 159.2
176 66.6 0.0 147.6

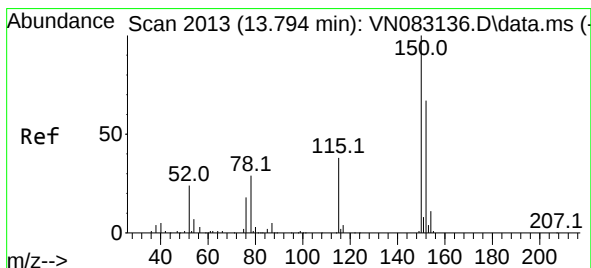
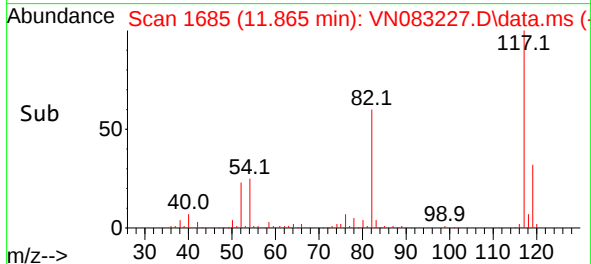
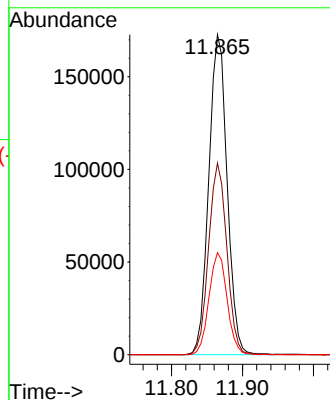
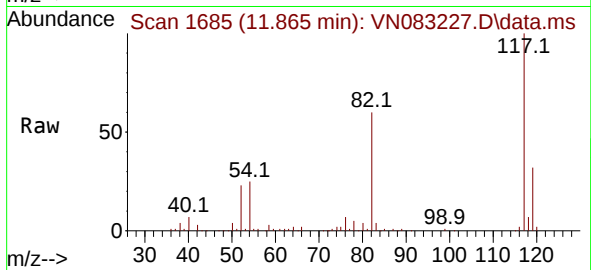




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083227.D
Acq: 12 Aug 2024 10:46

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBL01

Tgt Ion:117 Resp: 309712
Ion Ratio Lower Upper
117 100
82 59.9 47.5 71.3
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083227.D
Acq: 12 Aug 2024 10:46

Tgt Ion:152 Resp: 137198
Ion Ratio Lower Upper
152 100
115 65.2 30.6 91.6
150 159.2 0.0 348.6

