

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083280.D
 Acq On : 14 Aug 2024 06:04
 Operator : JC\MD
 Sample : P3450-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-02-080124

Quant Time: Aug 14 07:58:40 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	8.229	168	134786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	268637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	277365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	110960	57.836	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.680%
35) Dibromofluoromethane	8.171	113	87310	52.070	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.140%
50) Toluene-d8	10.565	98	334654	53.504	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.000%
62) 4-Bromofluorobenzene	12.847	95	138623	56.848	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	113.700%

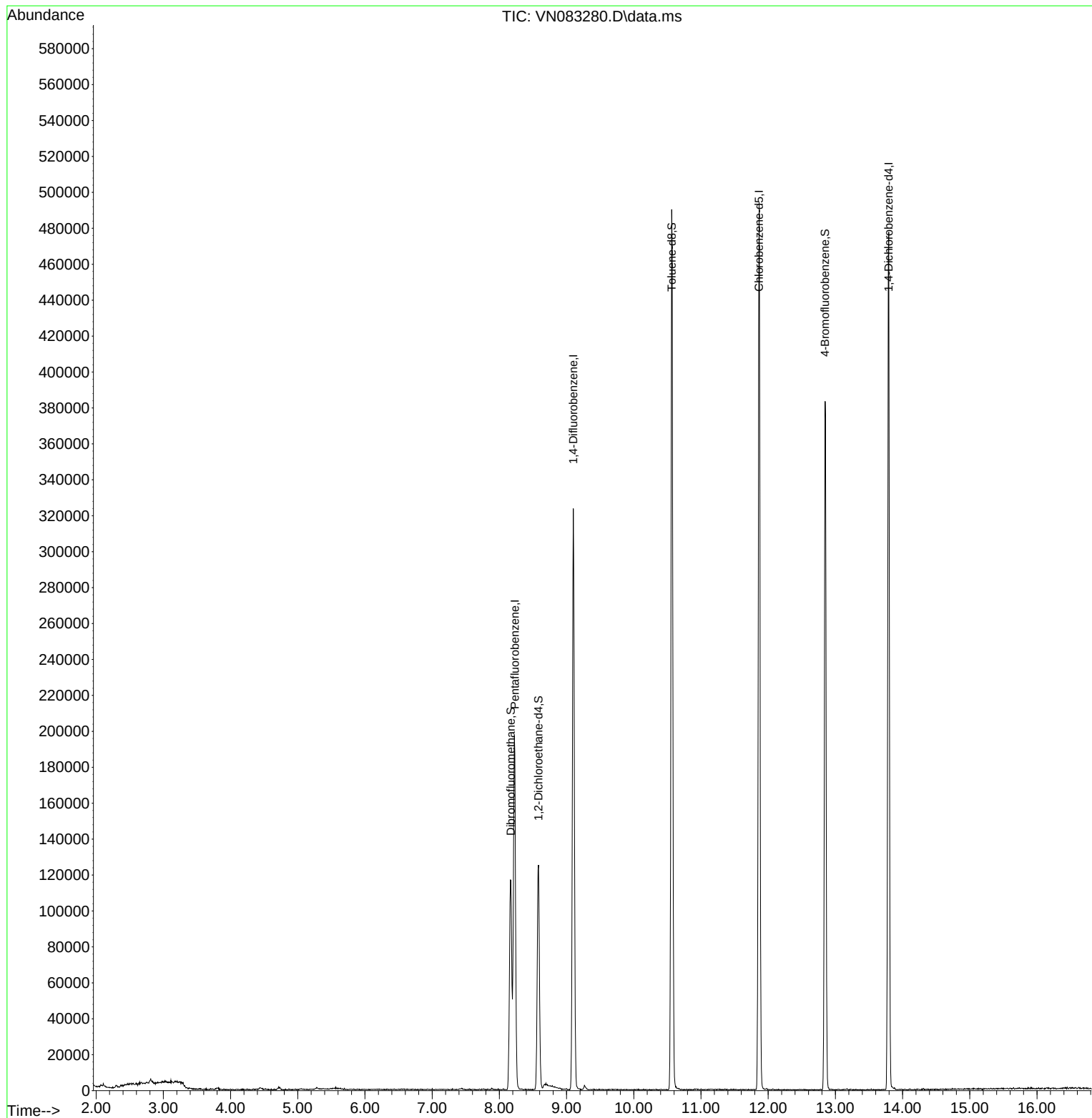
Target Compounds	Qvalue

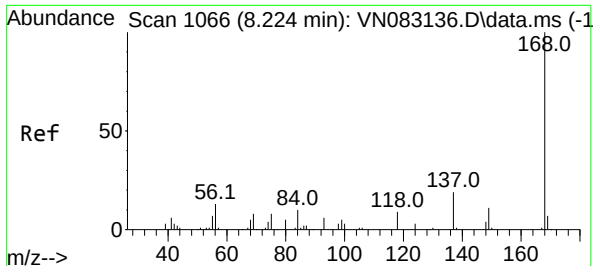
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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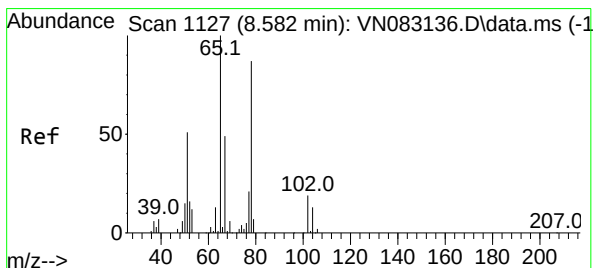
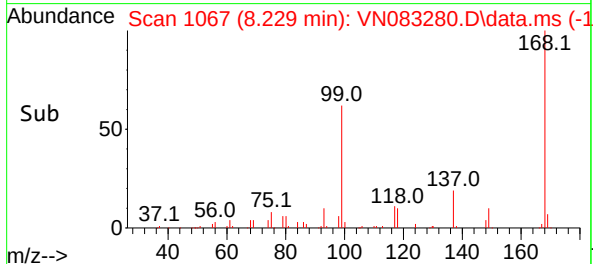
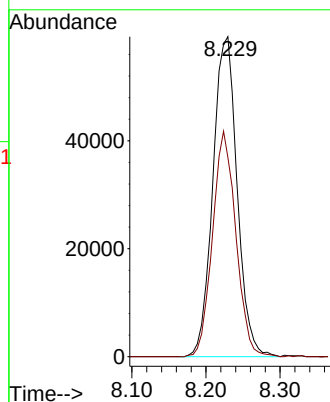
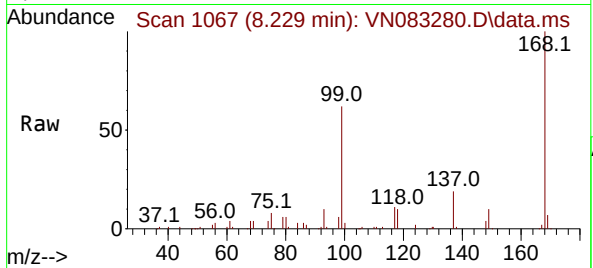




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN083280.D
Acq: 14 Aug 2024 06:04

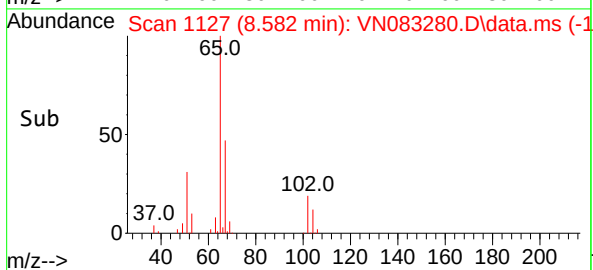
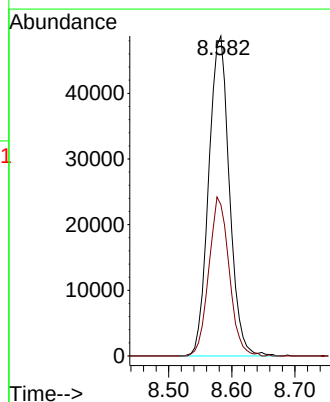
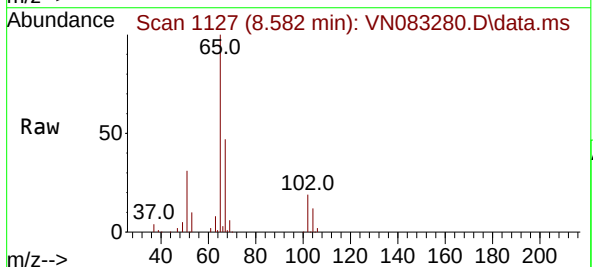
Instrument :
MSVOA_N
ClientSampleId :
TB-02-080124

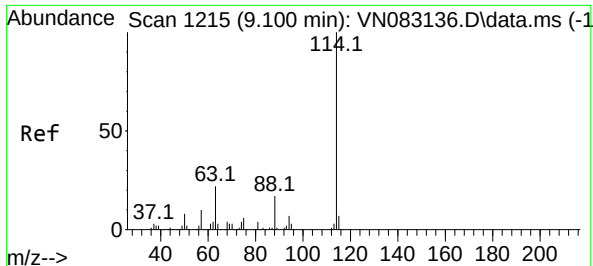
Tgt Ion:168 Resp: 134786
Ion Ratio Lower Upper
168 100
99 62.3 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 57.836 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN083280.D
Acq: 14 Aug 2024 06:04

Tgt Ion: 65 Resp: 110960
Ion Ratio Lower Upper
65 100
67 48.7 0.0 104.4

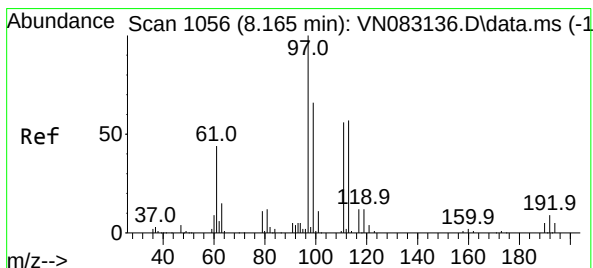
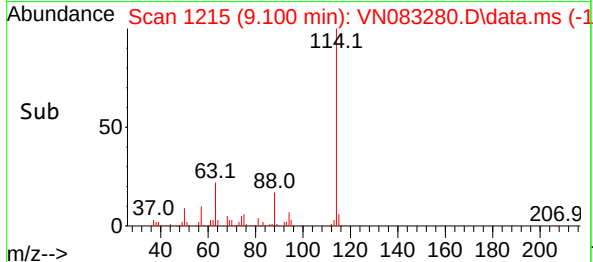
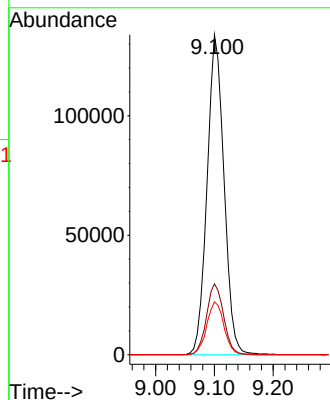
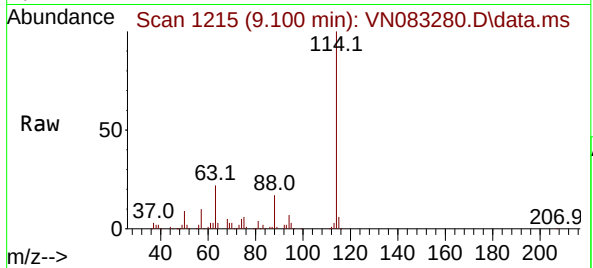




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083280.D
Acq: 14 Aug 2024 06:04

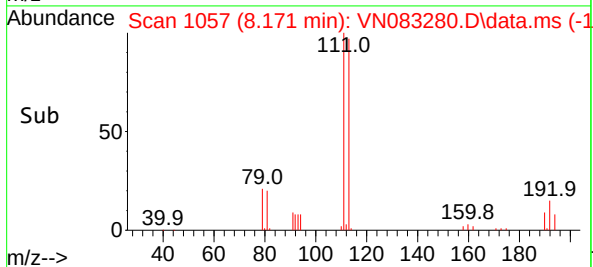
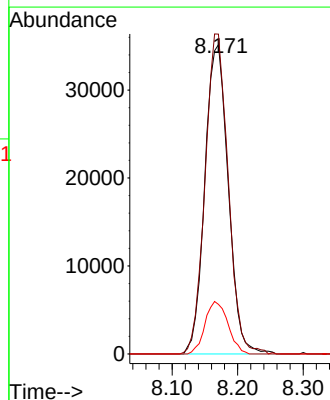
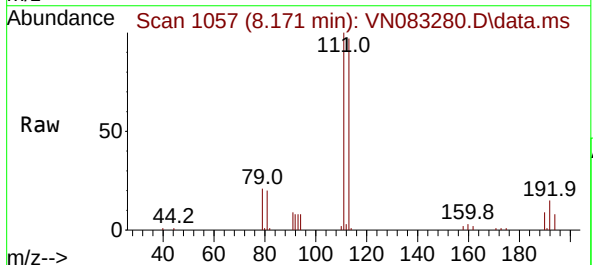
Instrument :
MSVOA_N
ClientSampleId :
TB-02-080124

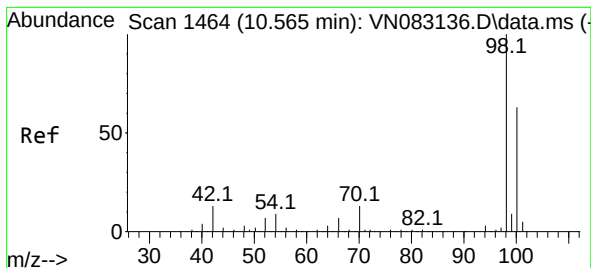
Tgt Ion:114 Resp: 268637
Ion Ratio Lower Upper
114 100
63 22.1 0.0 44.6
88 16.5 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.070 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083280.D
Acq: 14 Aug 2024 06:04

Tgt Ion:113 Resp: 87310
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 16.6 14.9 22.3





#50

Toluene-d8

Concen: 53.504 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083280.D

Acq: 14 Aug 2024 06:04

Instrument :

MSVOA_N

ClientSampleId :

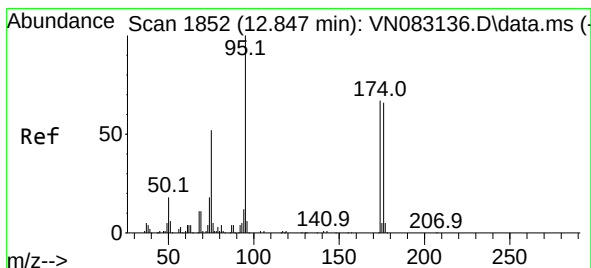
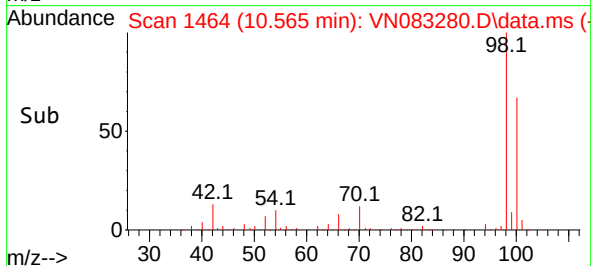
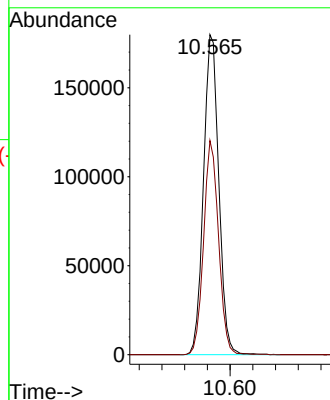
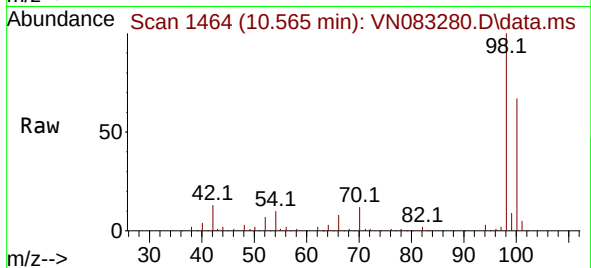
TB-02-080124

Tgt Ion: 98 Resp: 334654

Ion Ratio Lower Upper

98 100

100 65.5 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 56.848 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN083280.D

Acq: 14 Aug 2024 06:04

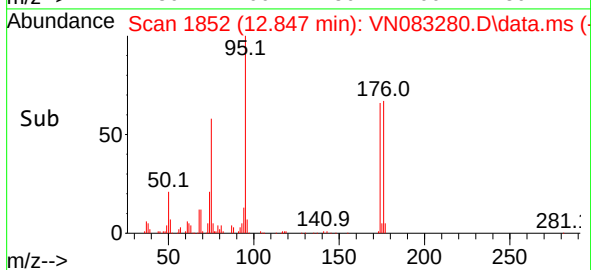
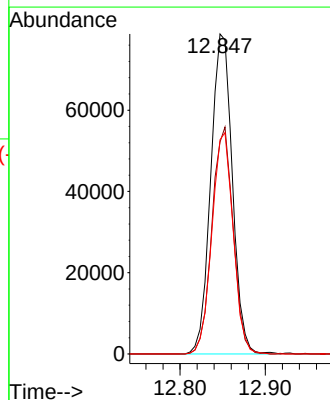
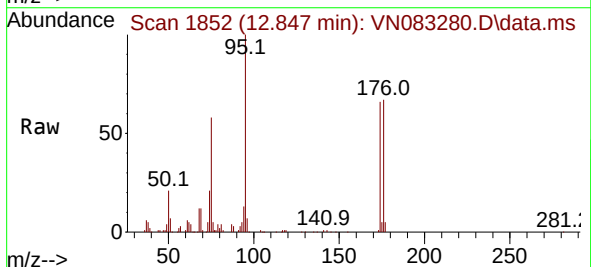
Tgt Ion: 95 Resp: 138623

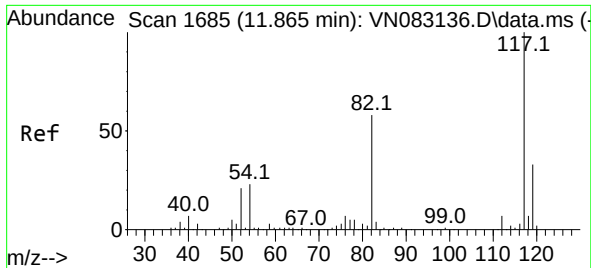
Ion Ratio Lower Upper

95 100

174 69.7 0.0 159.2

176 68.1 0.0 147.6

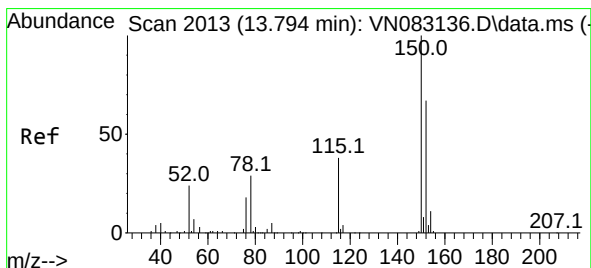
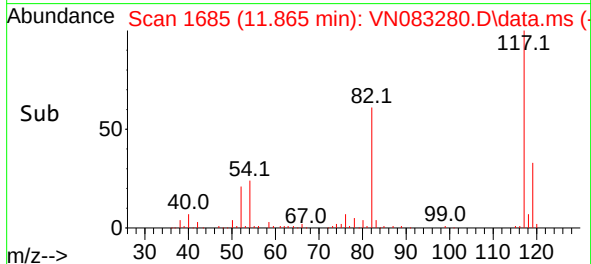
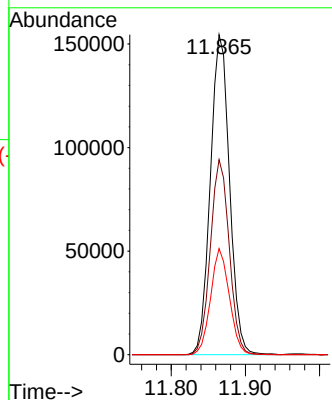
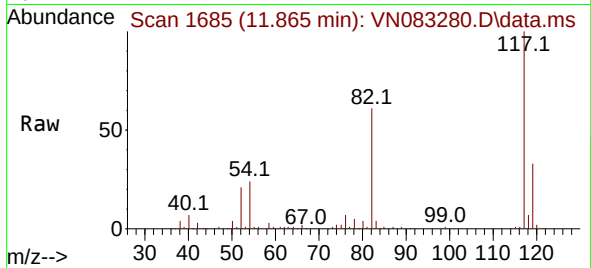




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083280.D
Acq: 14 Aug 2024 06:04

Instrument :
MSVOA_N
ClientSampleId :
TB-02-080124

Tgt Ion:117 Resp: 277365
Ion Ratio Lower Upper
117 100
82 61.0 47.5 71.3
119 33.1 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: VN083280.D
Acq: 14 Aug 2024 06:04

Tgt Ion:152 Resp: 122978
Ion Ratio Lower Upper
152 100
115 65.9 30.6 91.6
150 158.3 0.0 348.6

