

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081624\
 Data File : VN083347.D
 Acq On : 16 Aug 2024 12:16
 Operator : JC\MD
 Sample : VN0816MBL01
 Misc : 5.00g/5mL/10uL1/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816MBL01

Quant Time: Aug 17 01:42:35 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	8.230	168	135793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	260332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	272327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123180	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111066	57.462	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.920%
35) Dibromofluoromethane	8.165	113	89050	54.802	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.600%
50) Toluene-d8	10.565	98	330343	54.499	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.000%
62) 4-Bromofluorobenzene	12.847	95	136946	57.952	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	115.900%

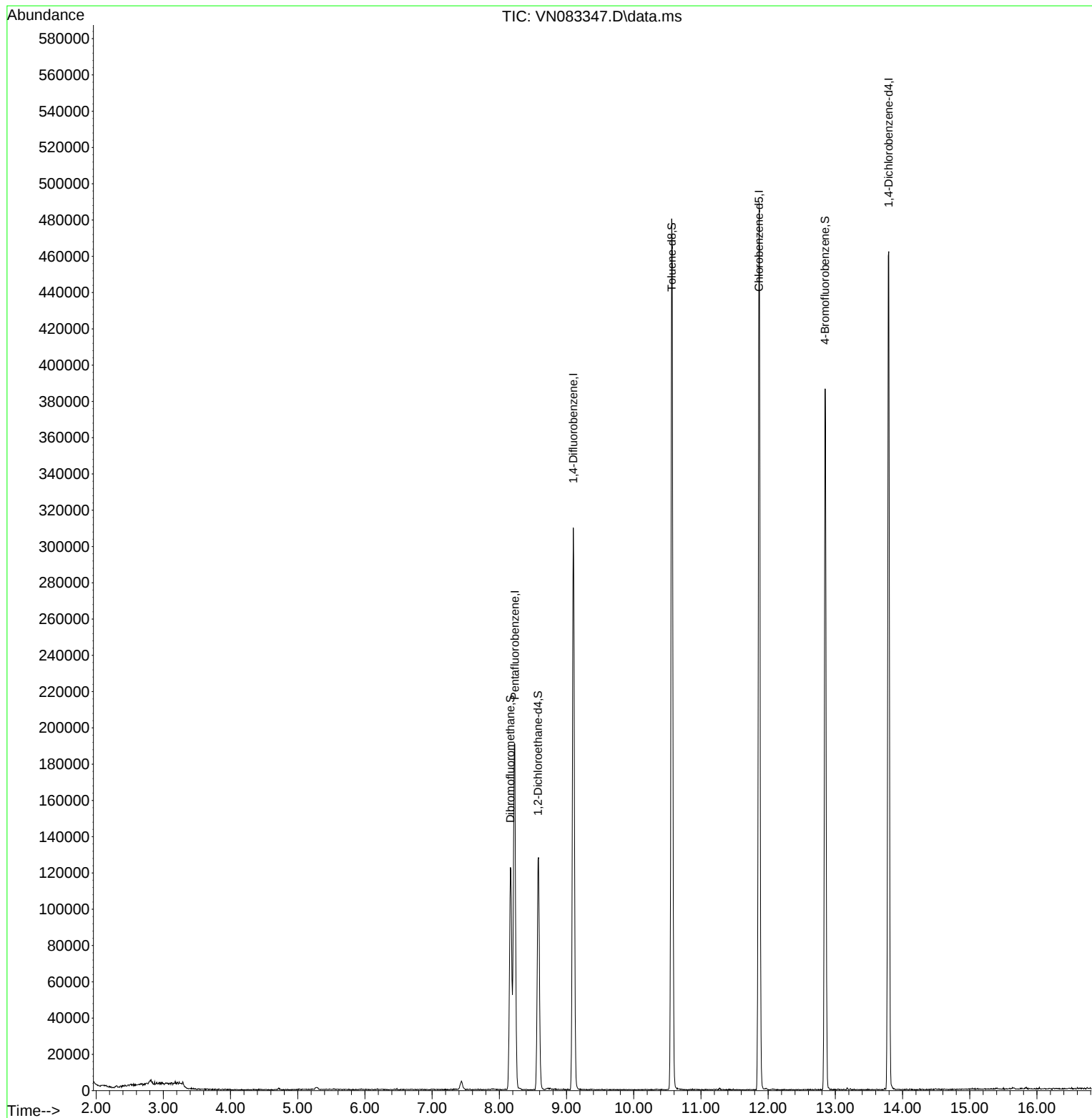
Target Compounds	Qvalue

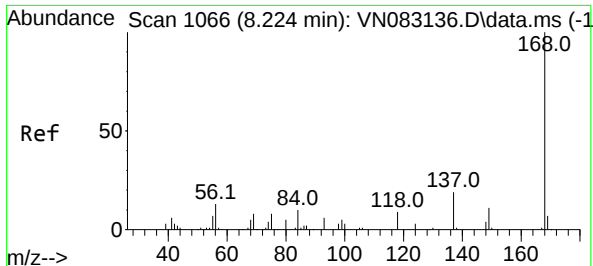
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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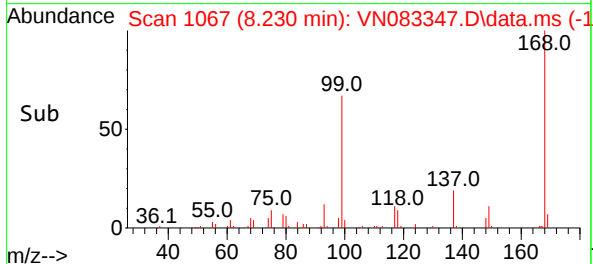
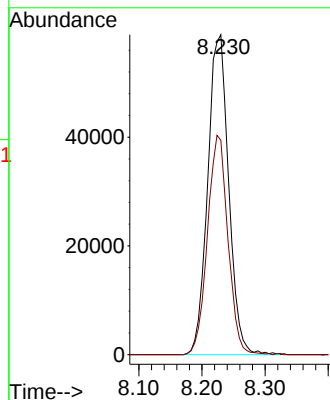
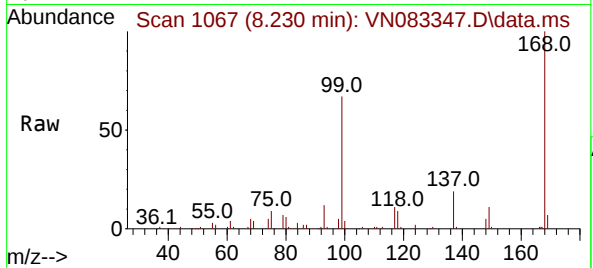




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN083347.D
Acq: 16 Aug 2024 12:16

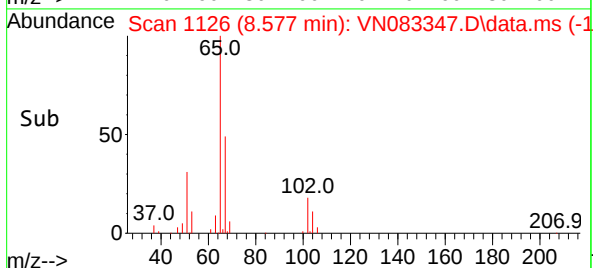
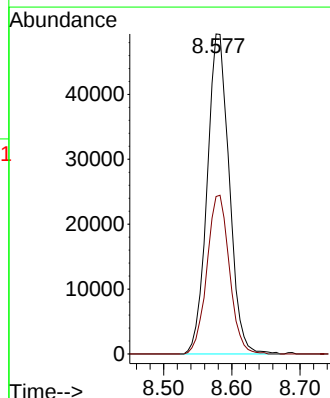
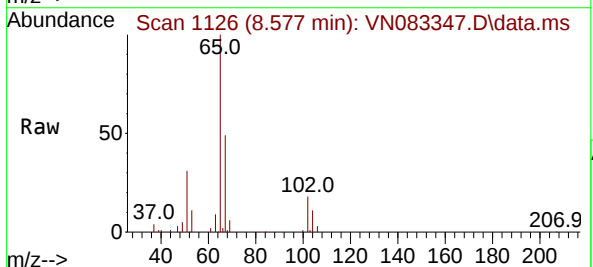
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBL01

Tgt Ion:168 Resp: 135793
Ion Ratio Lower Upper
168 100
99 67.0 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 57.462 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083347.D
Acq: 16 Aug 2024 12:16

Tgt Ion: 65 Resp: 111066
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.4

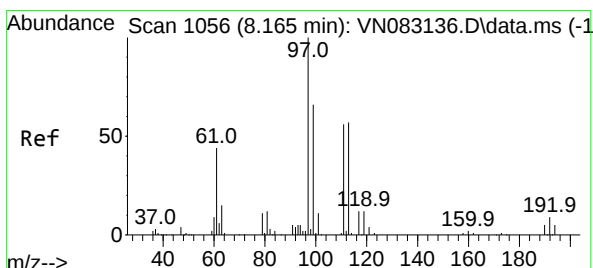
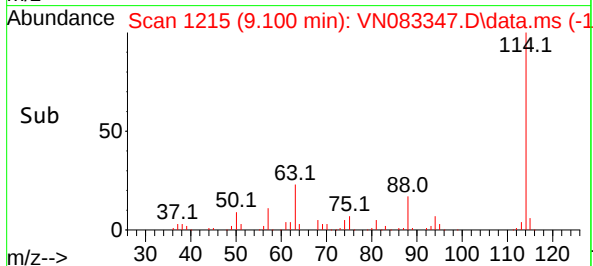
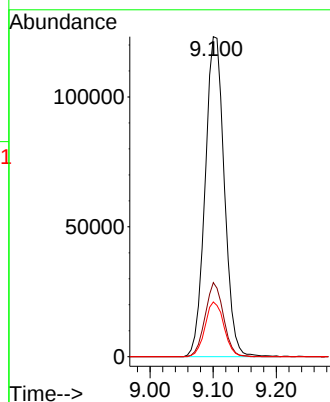
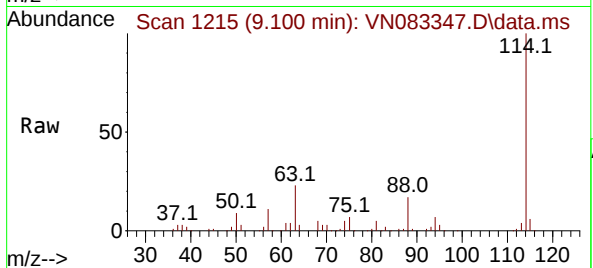




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN083347.D
Acq: 16 Aug 2024 12:16

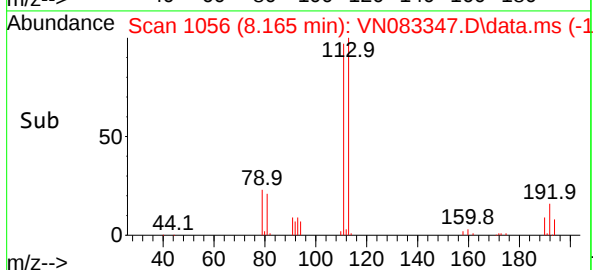
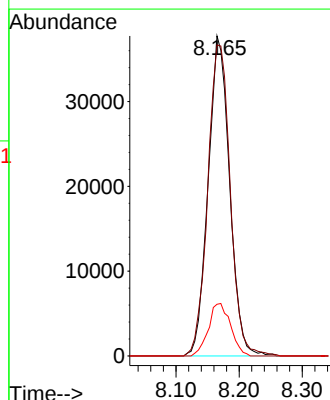
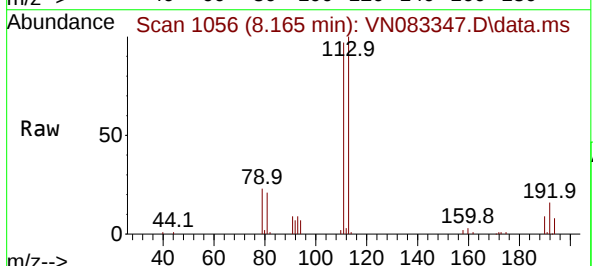
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBL01

Tgt Ion:114 Resp: 260332
Ion Ratio Lower Upper
114 100
63 23.1 0.0 44.6
88 17.1 0.0 31.4



#35
Dibromofluoromethane
Concen: 54.802 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083347.D
Acq: 16 Aug 2024 12:16

Tgt Ion:113 Resp: 89050
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 17.0 14.9 22.3

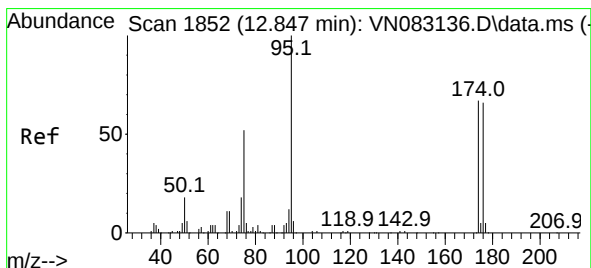
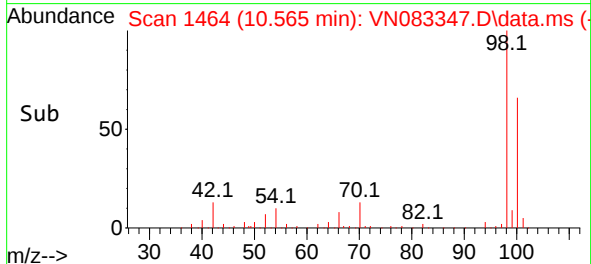
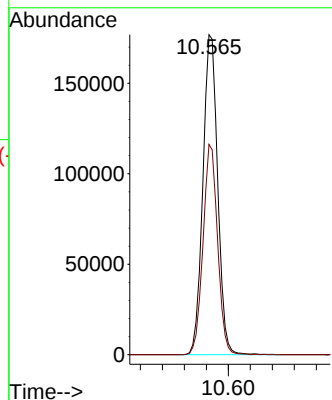
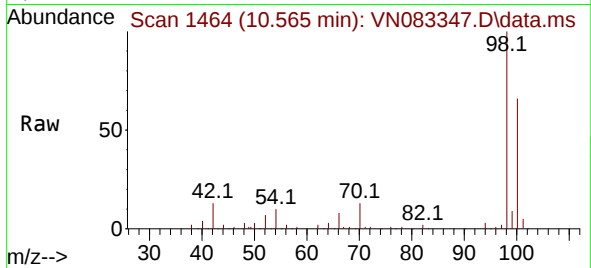




#50
Toluene-d8
Concen: 54.499 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083347.D
Acq: 16 Aug 2024 12:16

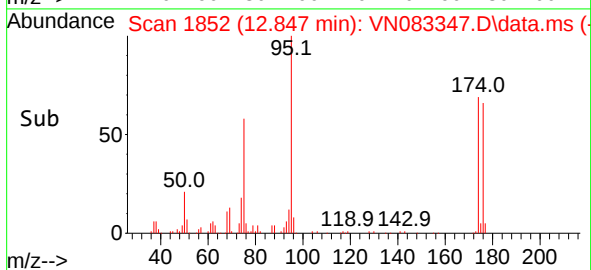
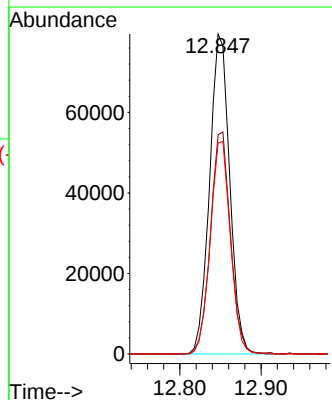
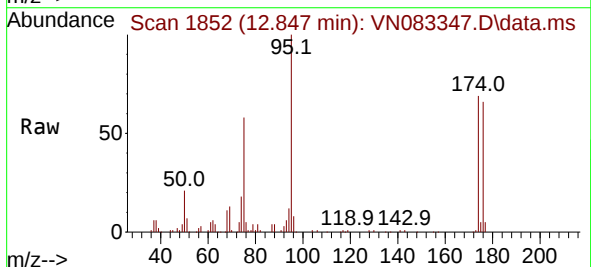
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBL01

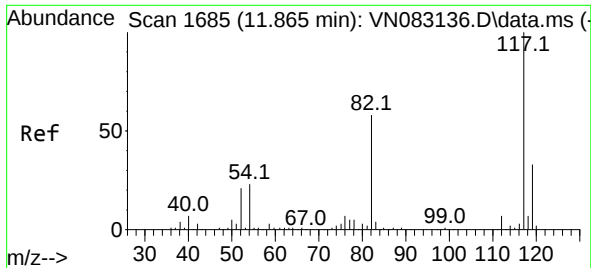
Tgt Ion: 98 Resp: 330343
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 57.952 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083347.D
Acq: 16 Aug 2024 12:16

Tgt Ion: 95 Resp: 136946
Ion Ratio Lower Upper
95 100
174 68.9 0.0 159.2
176 66.5 0.0 147.6

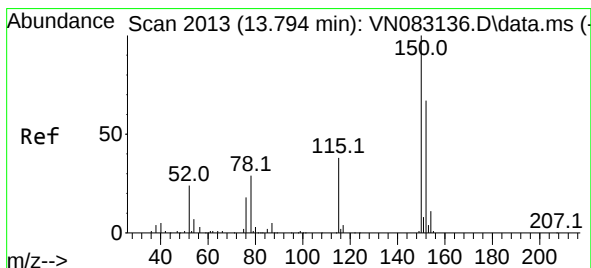
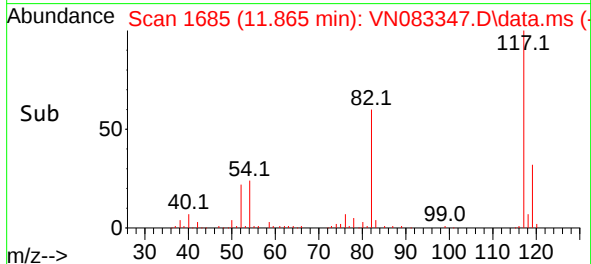
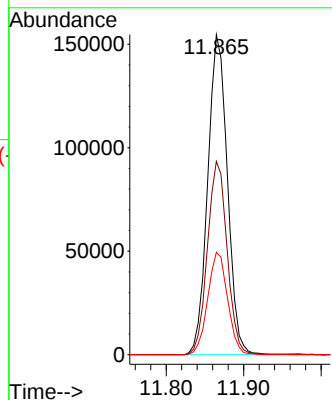
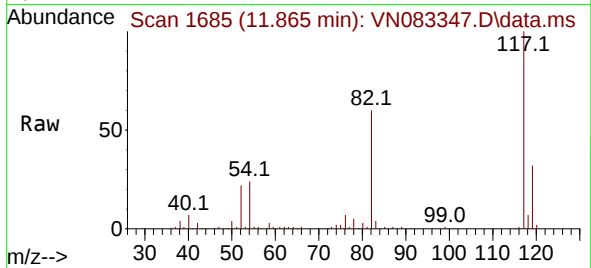




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN083347.D
Acq: 16 Aug 2024 12:16

Instrument :
MSVOA_N
ClientSampleId :
VN0816MBL01

Tgt Ion:117 Resp: 272327
Ion Ratio Lower Upper
117 100
82 60.4 47.5 71.3
119 32.0 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: VN083347.D
Acq: 16 Aug 2024 12:16

Tgt Ion:152 Resp: 123180
Ion Ratio Lower Upper
152 100
115 63.3 30.6 91.6
150 157.0 0.0 348.6

