

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083329.D
 Acq On : 15 Aug 2024 14:23
 Operator : JC\MD
 Sample : P3619-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 917-J-WS-081424

Quant Time: Aug 16 01:51:19 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	120522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	240679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	254903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115939	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	104914	61.157	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	122.320%
35) Dibromofluoromethane	8.171	113	81821	54.465	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.940%
50) Toluene-d8	10.565	98	304994	54.426	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.860%
62) 4-Bromofluorobenzene	12.847	95	127478	58.351	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	116.700%

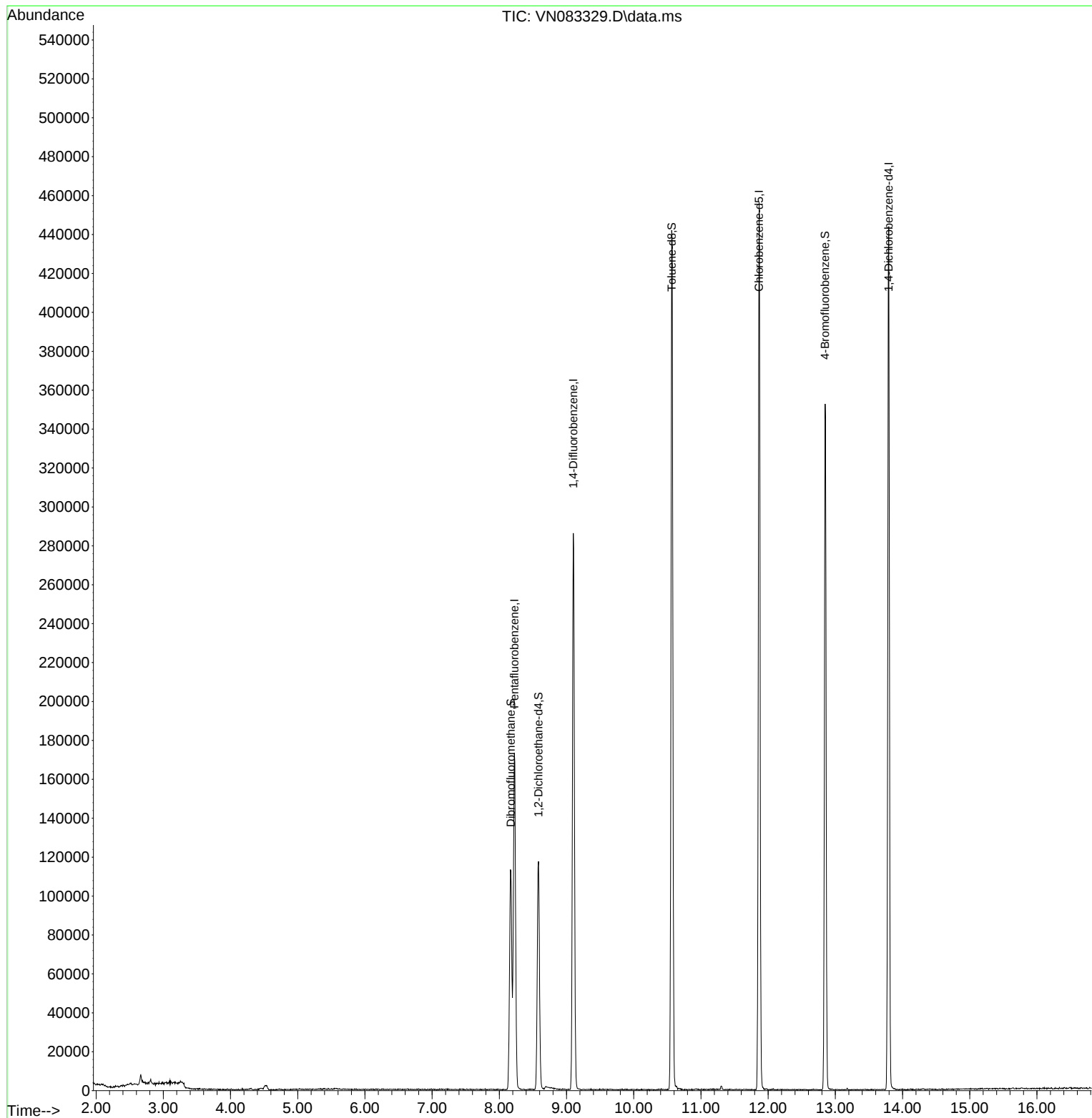
Target Compounds	Qvalue

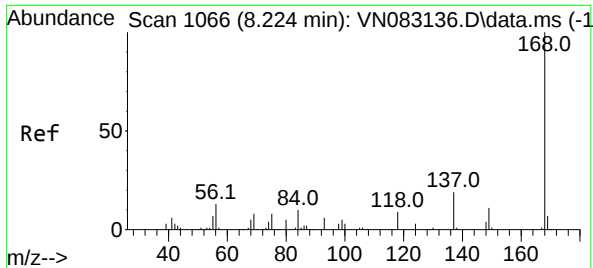
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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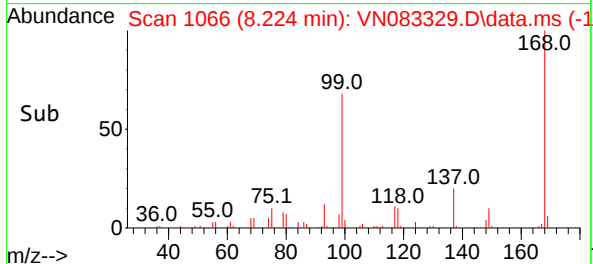
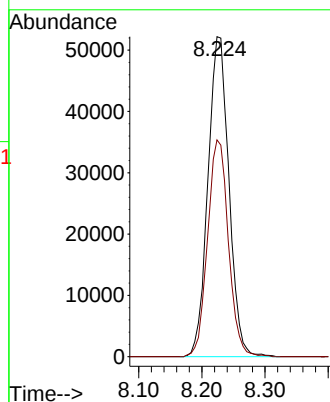
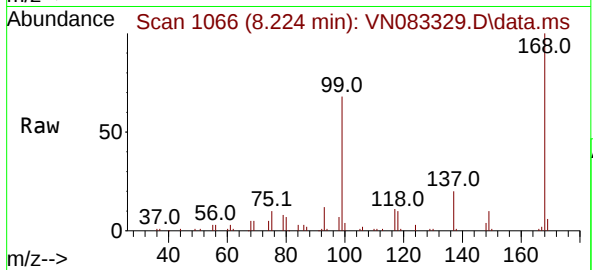




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083329.D
Acq: 15 Aug 2024 14:23

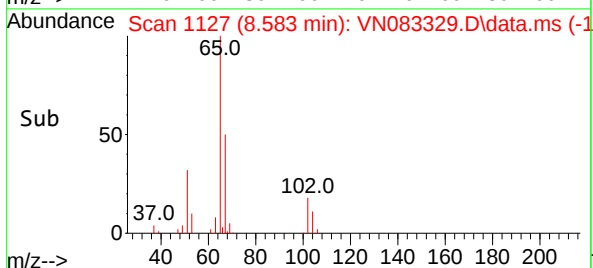
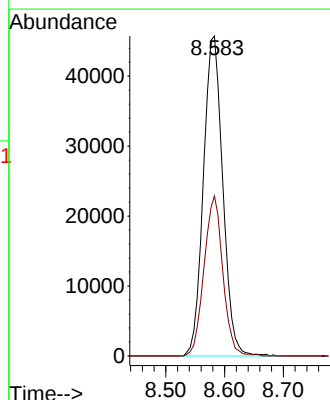
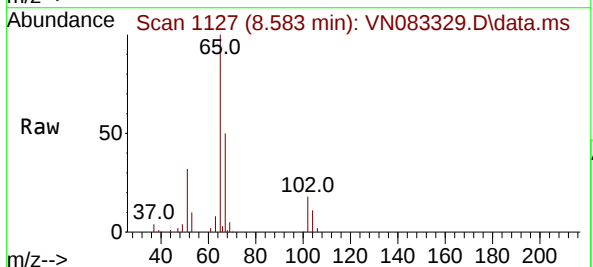
Instrument :
MSVOA_N
ClientSampleId :
917-J-WS-081424

Tgt Ion:168 Resp: 120522
Ion Ratio Lower Upper
168 100
99 67.8 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 61.157 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083329.D
Acq: 15 Aug 2024 14:23

Tgt Ion: 65 Resp: 104914
Ion Ratio Lower Upper
65 100
67 48.5 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: VN083329.D

Acq: 15 Aug 2024 14:23

Instrument :

MSVOA_N

ClientSampleId :

917-J-WS-081424

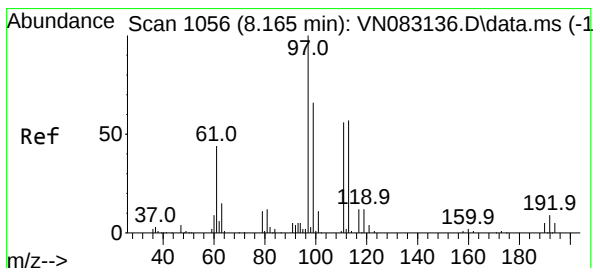
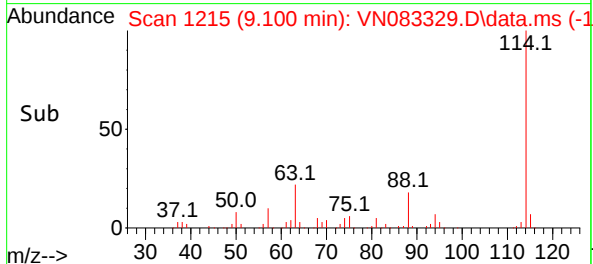
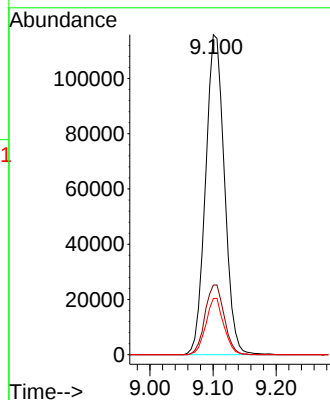
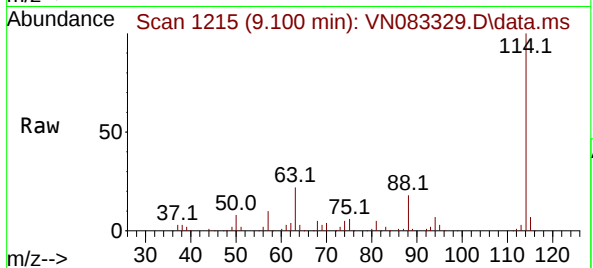
Tgt Ion:114 Resp: 240679

Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.6

88 17.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.465 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083329.D

Acq: 15 Aug 2024 14:23

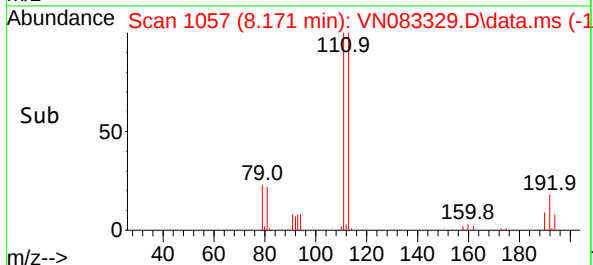
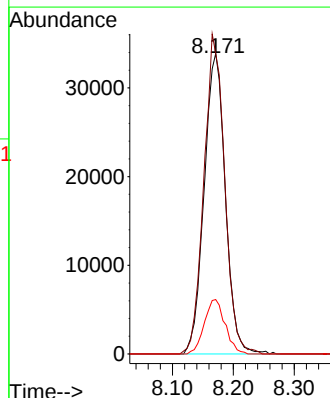
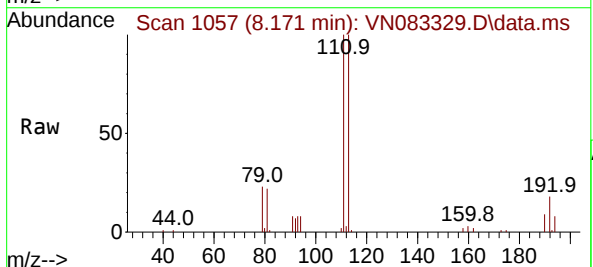
Tgt Ion:113 Resp: 81821

Ion Ratio Lower Upper

113 100

111 104.1 82.4 123.6

192 17.7 14.9 22.3

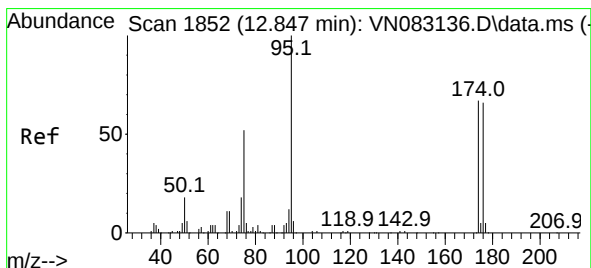
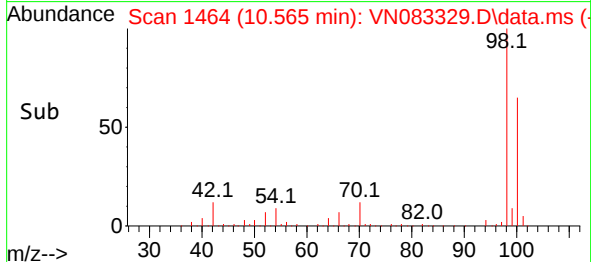
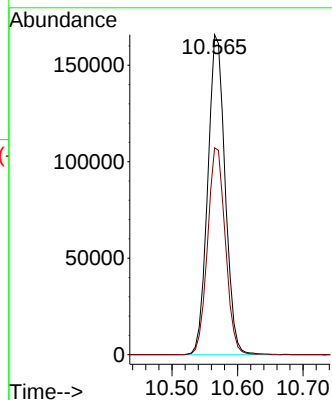
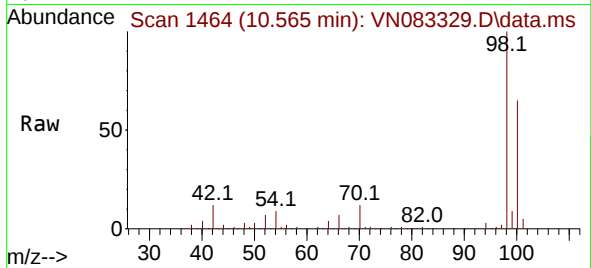




#50
Toluene-d8
Concen: 54.426 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083329.D
Acq: 15 Aug 2024 14:23

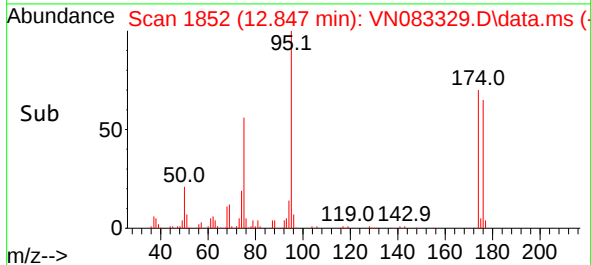
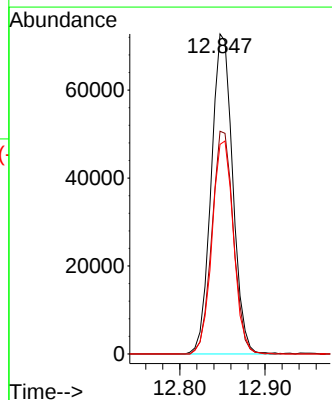
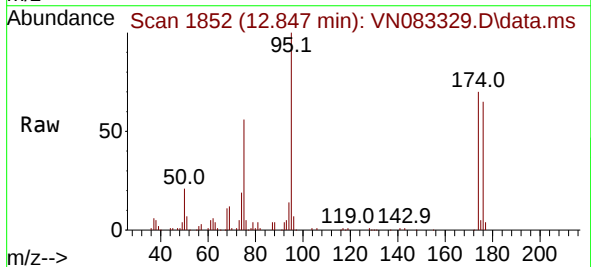
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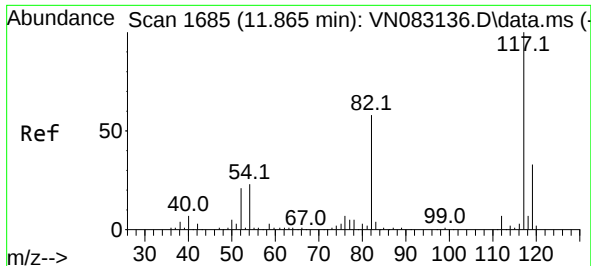
Tgt Ion: 98 Resp: 304994
Ion Ratio Lower Upper
98 100
100 66.1 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 58.351 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083329.D
Acq: 15 Aug 2024 14:23

Tgt Ion: 95 Resp: 127478
Ion Ratio Lower Upper
95 100
174 69.5 0.0 159.2
176 66.1 0.0 147.6

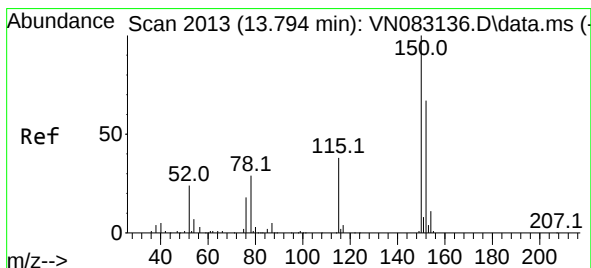
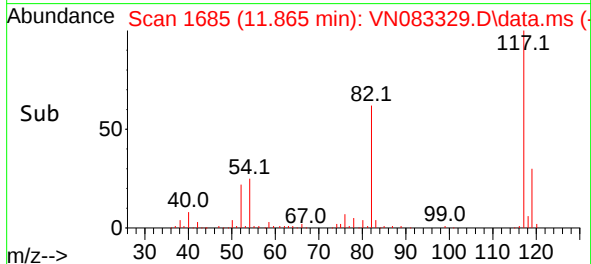
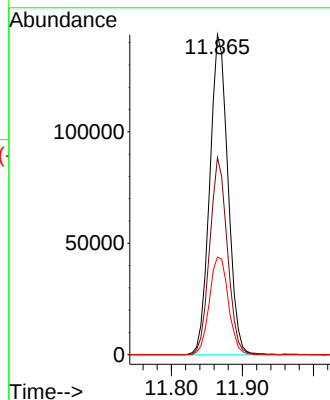
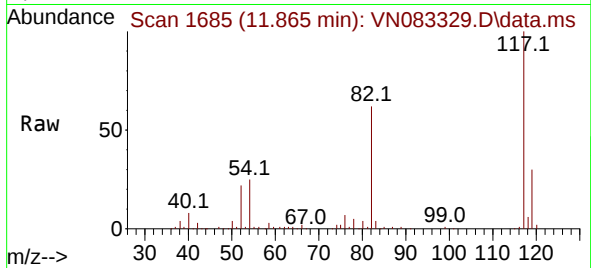




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083329.D
Acq: 15 Aug 2024 14:23

Instrument :
MSVOA_N
ClientSampleId :
917-J-WS-081424

Tgt Ion:117 Resp: 254903
Ion Ratio Lower Upper
117 100
82 61.6 47.5 71.3
119 30.5 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: VN083329.D
Acq: 15 Aug 2024 14:23

Tgt Ion:152 Resp: 115939
Ion Ratio Lower Upper
152 100
115 64.5 30.6 91.6
150 159.0 0.0 348.6

