

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083282.D
 Acq On : 14 Aug 2024 06:52
 Operator : JC\MD
 Sample : P3467-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-03-080224

Quant Time: Aug 14 07:59:21 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	125566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	250081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	102560	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	102974	57.615	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.220%
35) Dibromofluoromethane	8.171	113	80717	51.710	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.420%
50) Toluene-d8	10.565	98	309544	53.161	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.320%
62) 4-Bromofluorobenzene	12.847	95	121499	53.523	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	107.040%

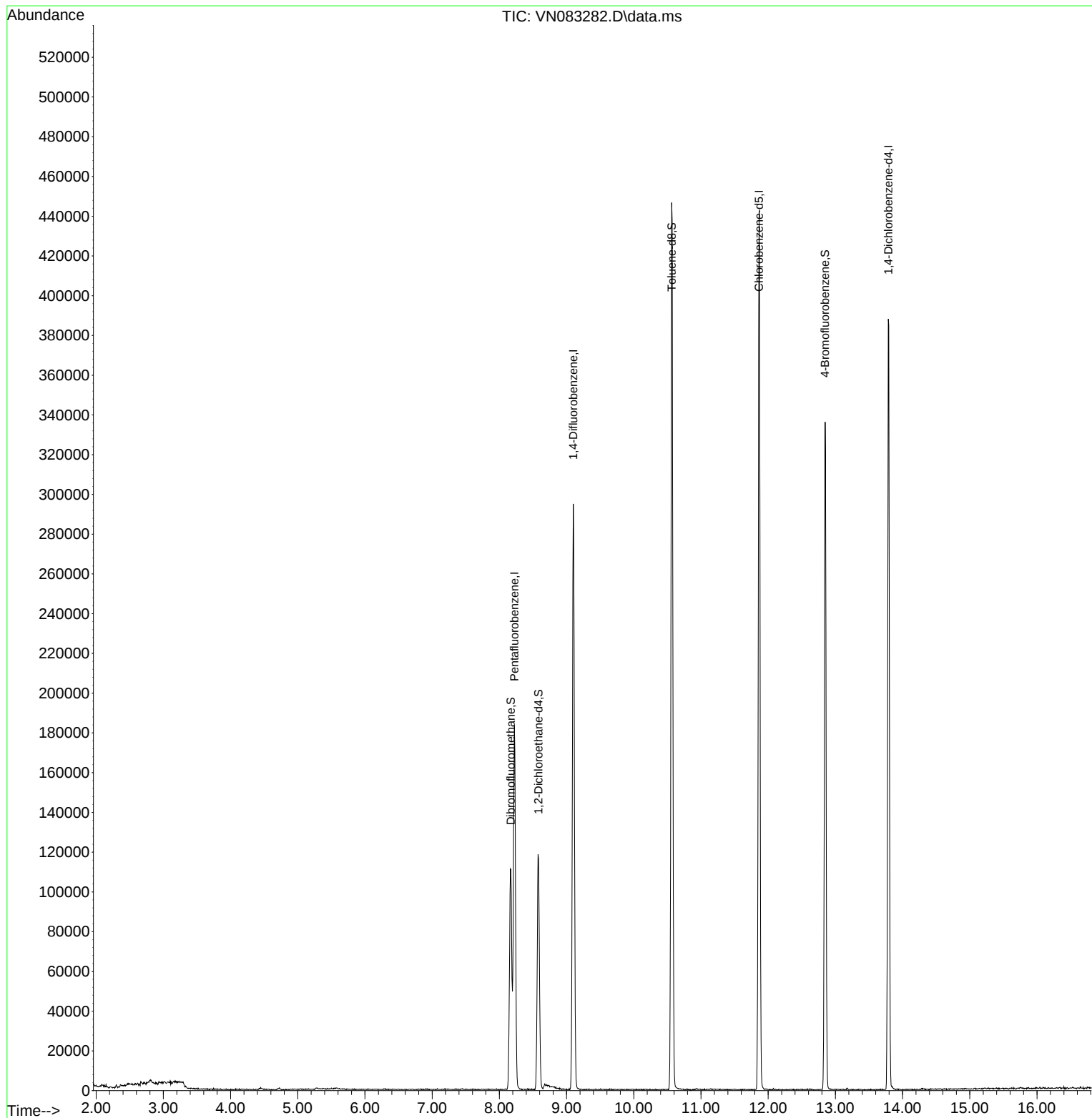
Target Compounds	Qvalue

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

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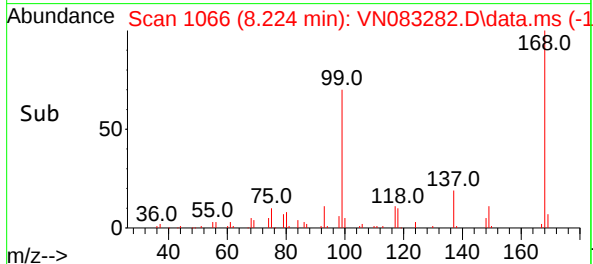
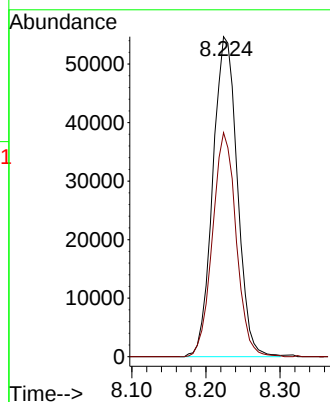
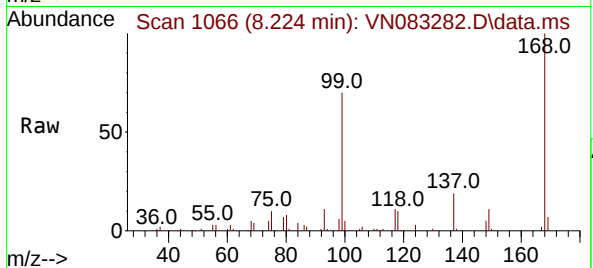




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083282.D
Acq: 14 Aug 2024 06:52

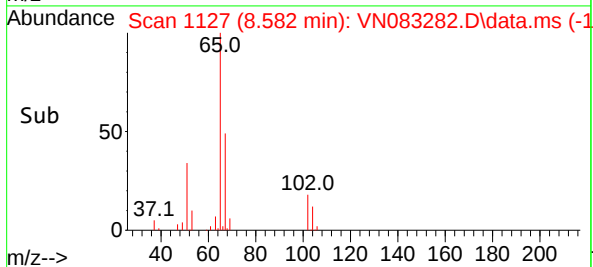
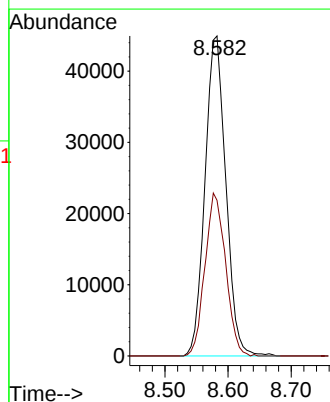
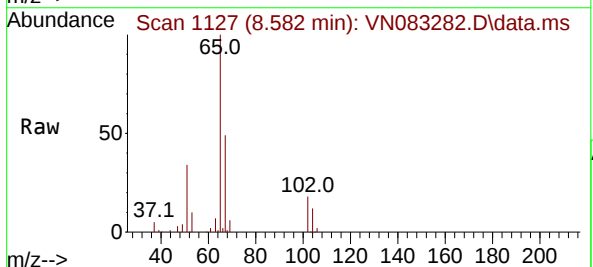
Instrument :
MSVOA_N
ClientSampleId :
TB-03-080224

Tgt Ion:168 Resp: 125566
Ion Ratio Lower Upper
168 100
99 70.0 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 57.615 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN083282.D
Acq: 14 Aug 2024 06:52

Tgt Ion: 65 Resp: 102974
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.4

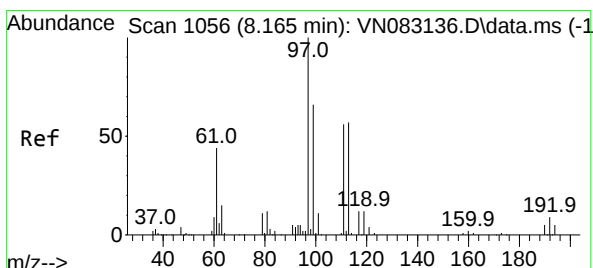
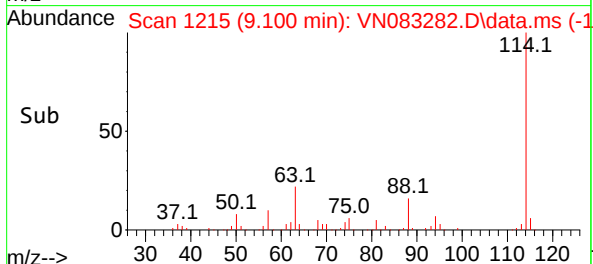
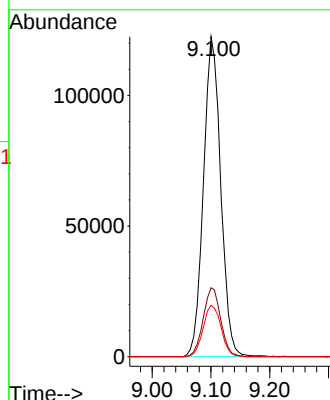
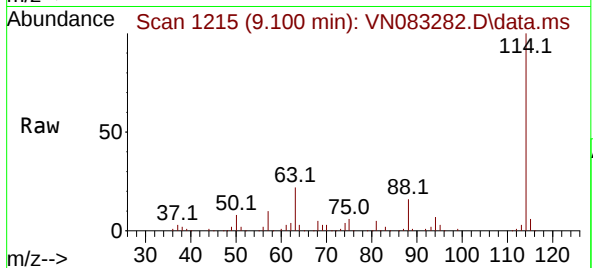




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083282.D
Acq: 14 Aug 2024 06:52

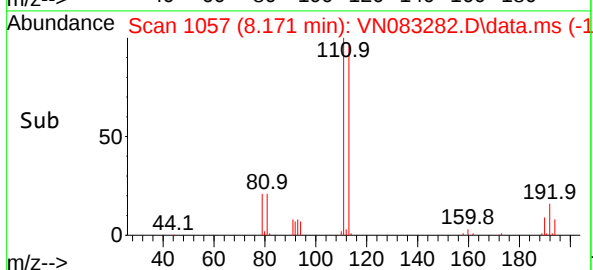
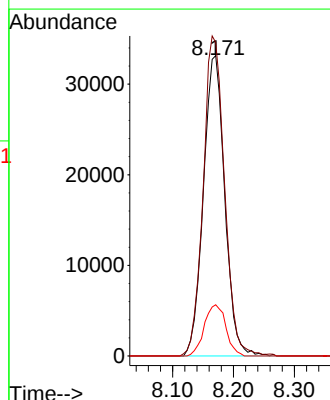
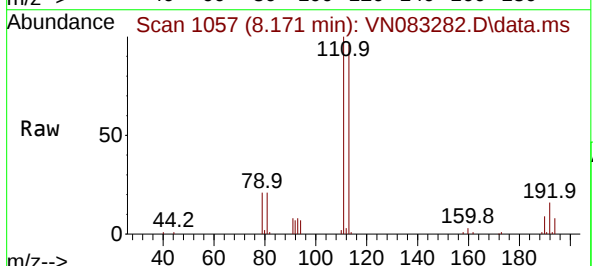
Instrument :
MSVOA_N
ClientSampleId :
TB-03-080224

Tgt Ion:114 Resp: 250081
Ion Ratio Lower Upper
114 100
63 21.5 0.0 44.6
88 16.0 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.710 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083282.D
Acq: 14 Aug 2024 06:52

Tgt Ion:113 Resp: 80717
Ion Ratio Lower Upper
113 100
111 106.5 82.4 123.6
192 17.2 14.9 22.3

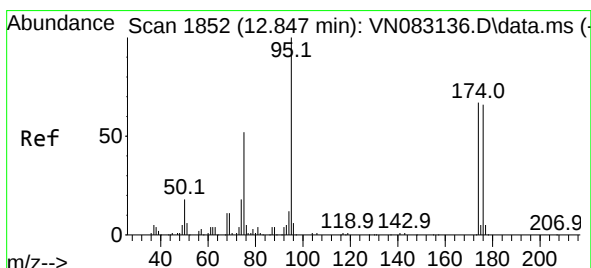
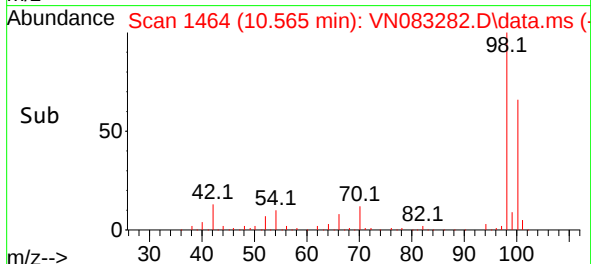
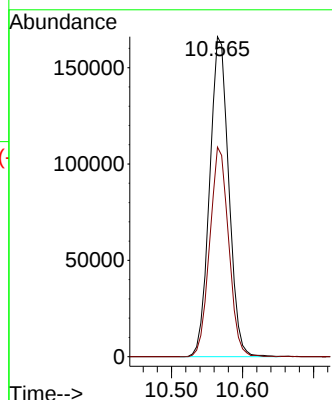
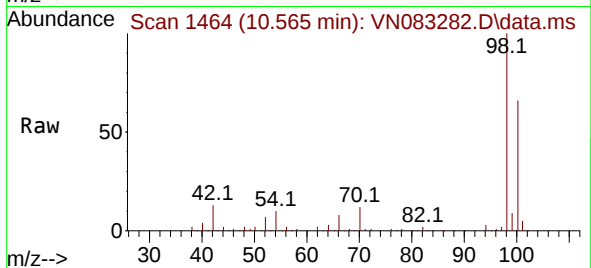




#50
Toluene-d8
Concen: 53.161 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083282.D
Acq: 14 Aug 2024 06:52

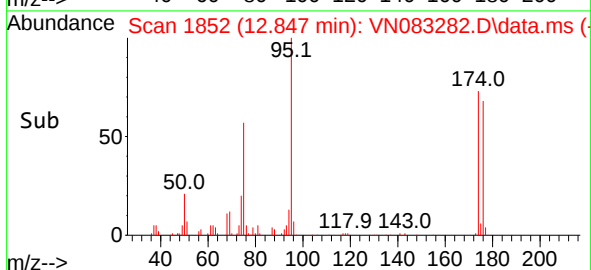
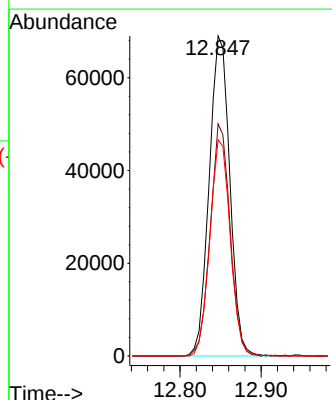
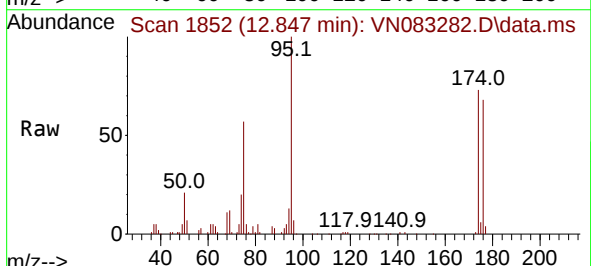
Instrument :
MSVOA_N
ClientSampleId :
TB-03-080224

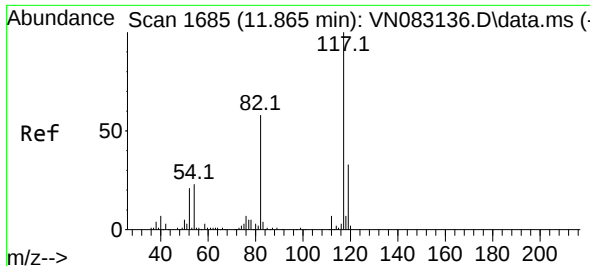
Tgt Ion: 98 Resp: 309544
Ion Ratio Lower Upper
98 100
100 65.0 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 53.523 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083282.D
Acq: 14 Aug 2024 06:52

Tgt Ion: 95 Resp: 121499
Ion Ratio Lower Upper
95 100
174 69.8 0.0 159.2
176 66.6 0.0 147.6

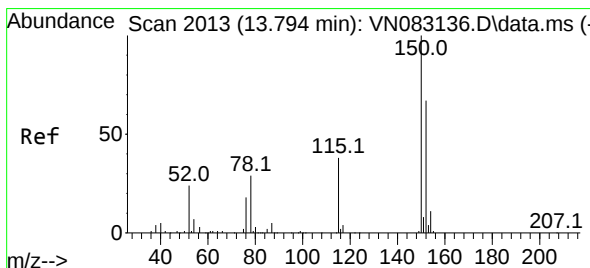
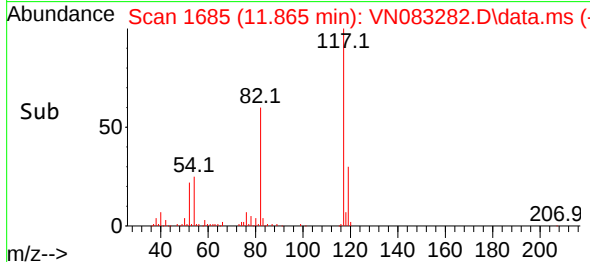
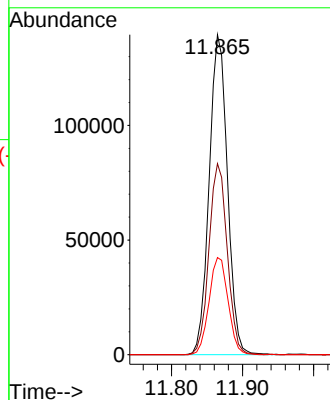
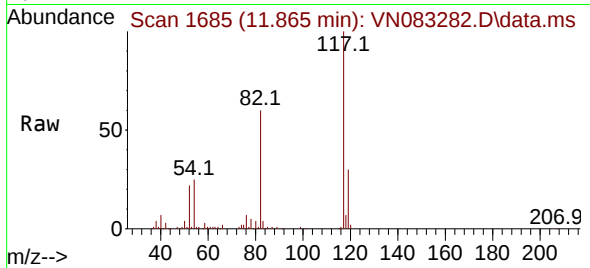




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083282.D
Acq: 14 Aug 2024 06:52

Instrument :
MSVOA_N
ClientSampleId :
TB-03-080224

Tgt Ion:117 Resp: 249322
Ion Ratio Lower Upper
117 100
82 59.7 47.5 71.3
119 30.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN083282.D
Acq: 14 Aug 2024 06:52

Tgt Ion:152 Resp: 102560
Ion Ratio Lower Upper
152 100
115 65.1 30.6 91.6
150 156.1 0.0 348.6

