

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081924\
 Data File : VN083385.D
 Acq On : 19 Aug 2024 20:19
 Operator : JC\MD
 Sample : P3662-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-02-081624

Quant Time: Aug 20 04:51:46 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	135819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	269145	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123277	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	102353	52.944	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.880%
35) Dibromofluoromethane	8.165	113	82881	49.336	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.680%
50) Toluene-d8	10.565	98	306790	48.956	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.920%
62) 4-Bromofluorobenzene	12.847	95	123810	50.678	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.360%

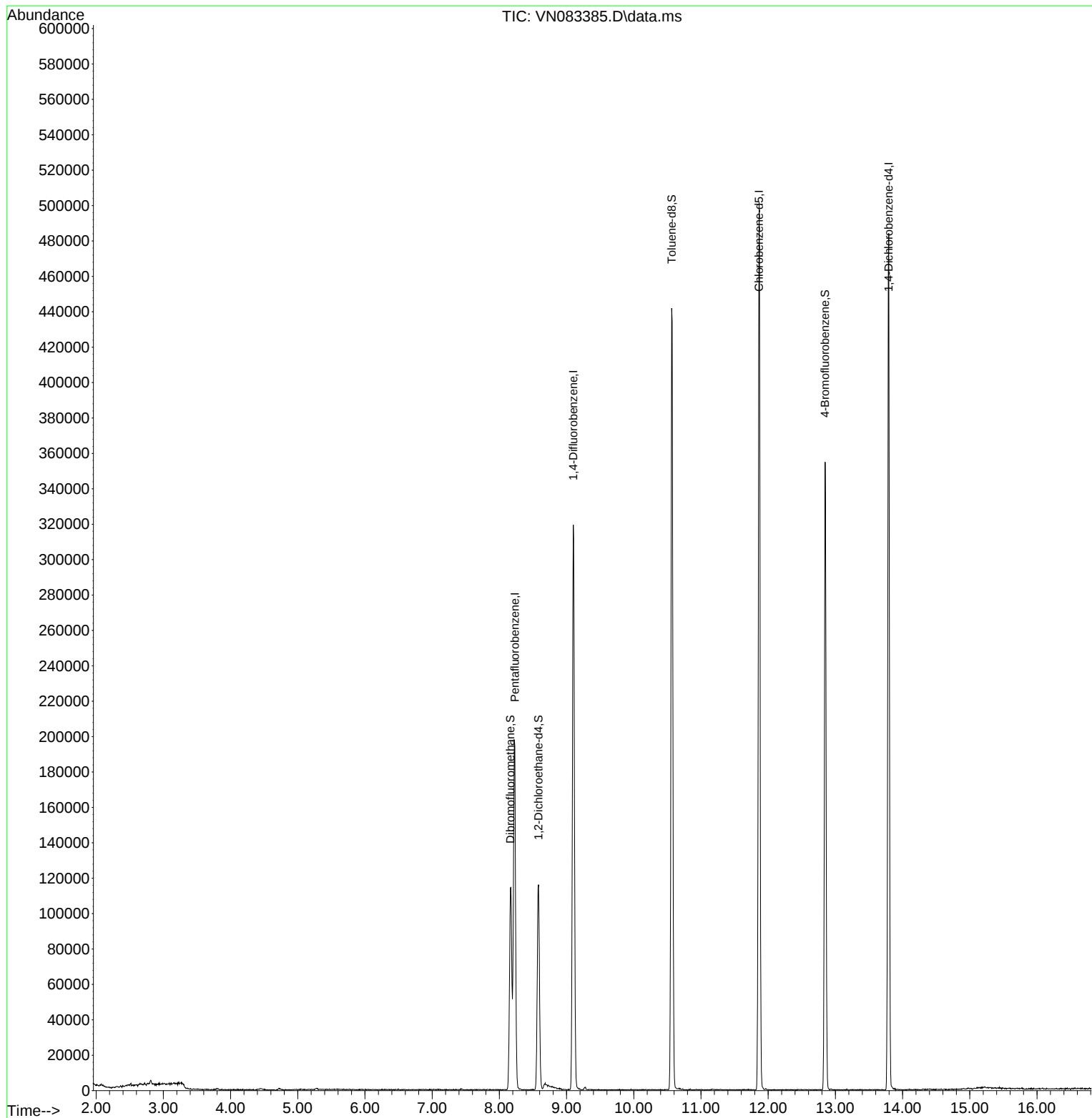
Target Compounds	Qvalue

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

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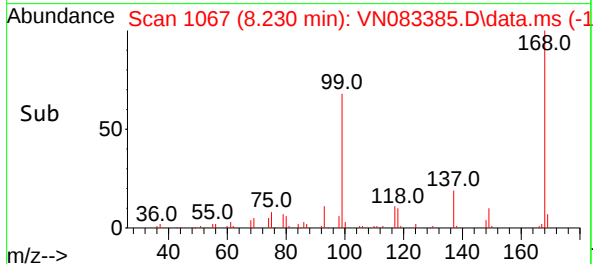
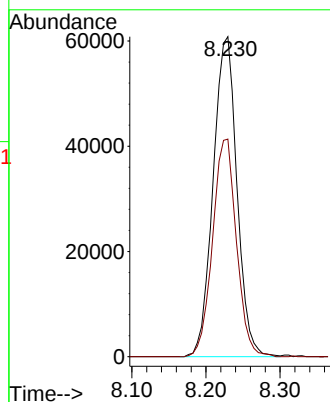
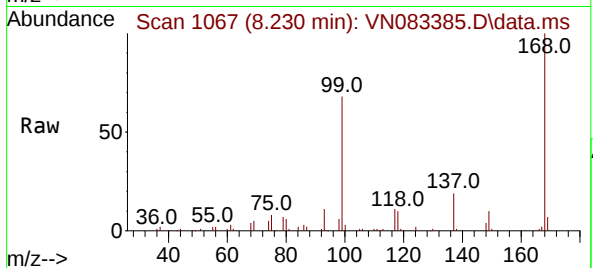




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN083385.D
Acq: 19 Aug 2024 20:19

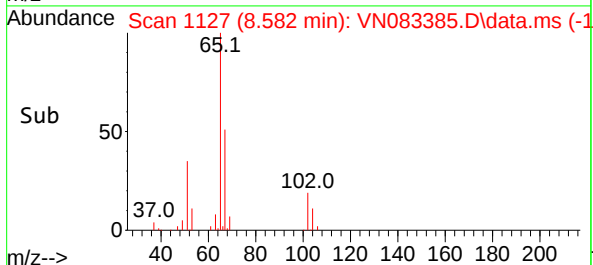
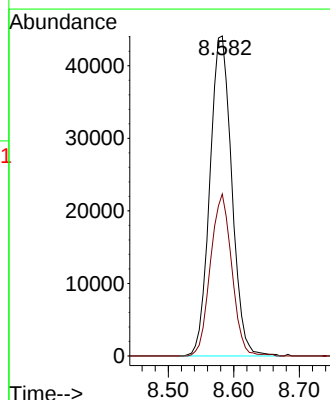
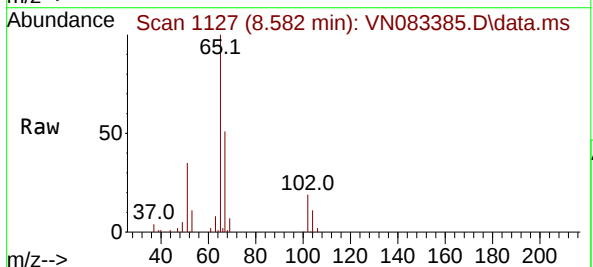
Instrument :
MSVOA_N
ClientSampleId :
TB-02-081624

Tgt Ion:168 Resp: 135819
Ion Ratio Lower Upper
168 100
99 68.0 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 52.944 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083385.D
Acq: 19 Aug 2024 20:19

Tgt Ion: 65 Resp: 102353
Ion Ratio Lower Upper
65 100
67 49.3 0.0 104.4

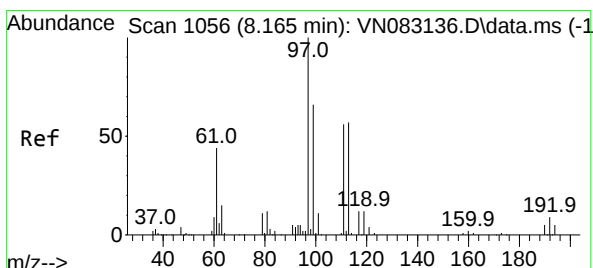
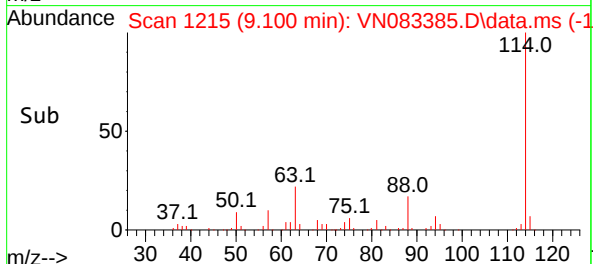
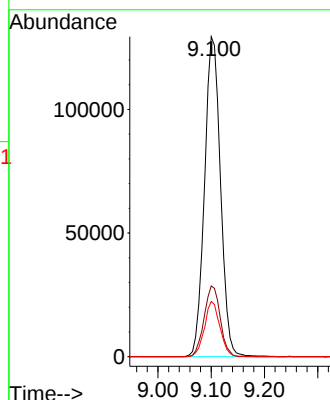
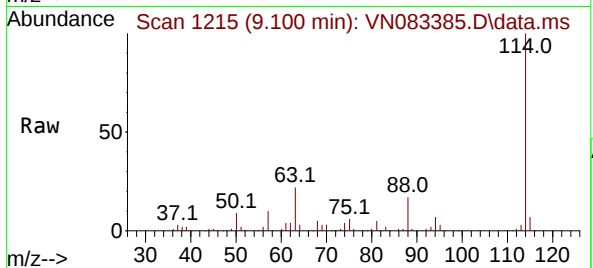




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083385.D
Acq: 19 Aug 2024 20:19

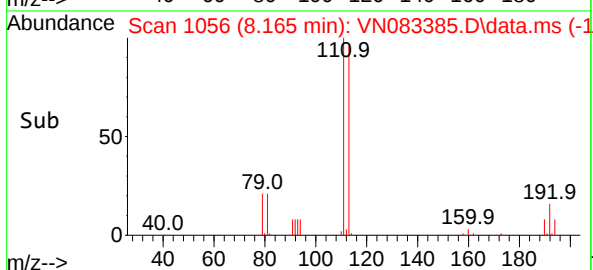
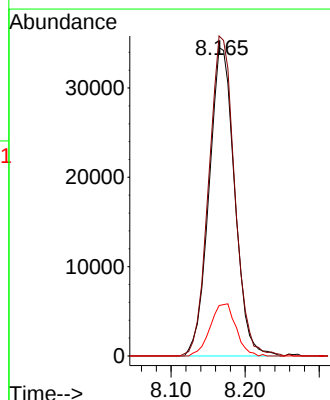
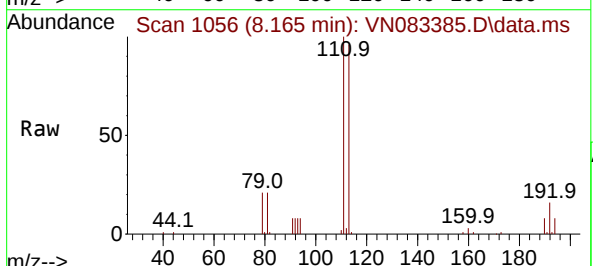
Instrument :
MSVOA_N
ClientSampleId :
TB-02-081624

Tgt Ion:114 Resp: 269145
Ion Ratio Lower Upper
114 100
63 22.1 0.0 44.6
88 17.3 0.0 31.4



#35
Dibromofluoromethane
Concen: 49.336 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083385.D
Acq: 19 Aug 2024 20:19

Tgt Ion:113 Resp: 82881
Ion Ratio Lower Upper
113 100
111 104.7 82.4 123.6
192 17.0 14.9 22.3

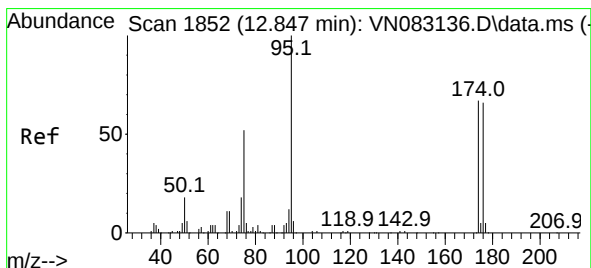
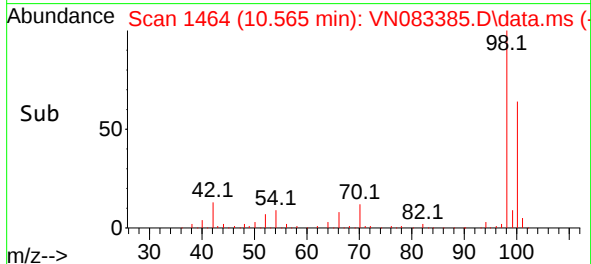
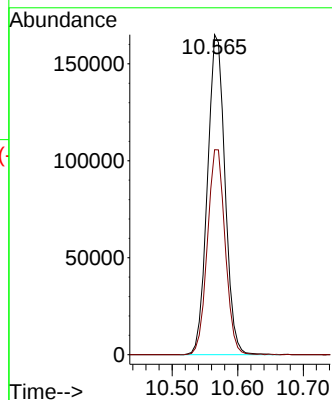
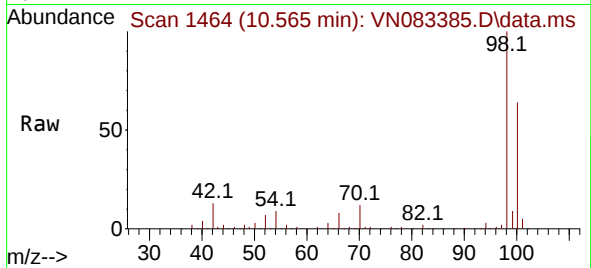




#50
Toluene-d8
Concen: 48.956 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083385.D
Acq: 19 Aug 2024 20:19

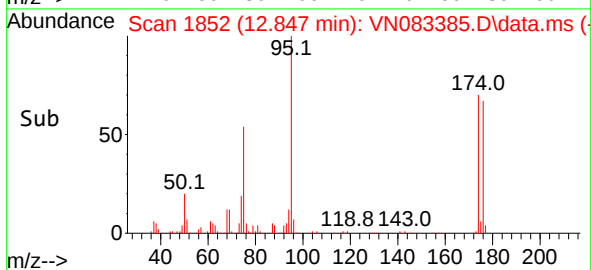
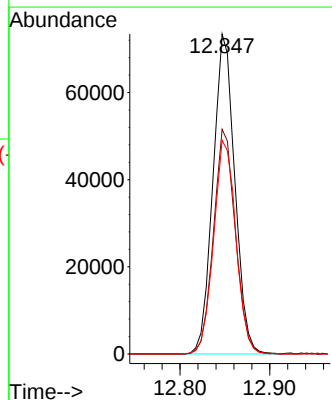
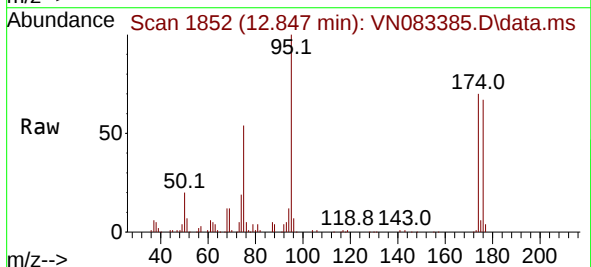
Instrument :
MSVOA_N
ClientSampleId :
TB-02-081624

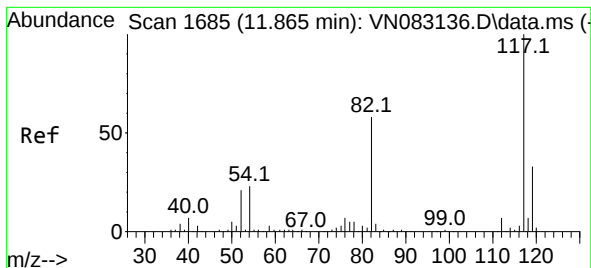
Tgt Ion: 98 Resp: 306790
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 50.678 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083385.D
Acq: 19 Aug 2024 20:19

Tgt Ion: 95 Resp: 123810
Ion Ratio Lower Upper
95 100
174 70.5 0.0 159.2
176 68.1 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: VN083385.D

Acq: 19 Aug 2024 20:19

Instrument :

MSVOA_N

ClientSampleId :

TB-02-081624

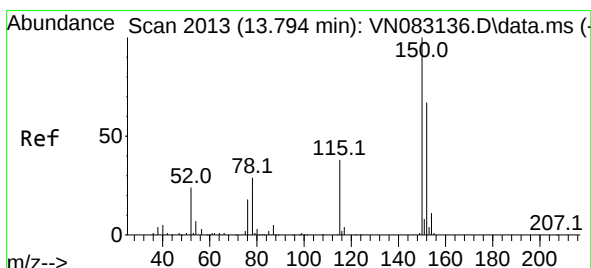
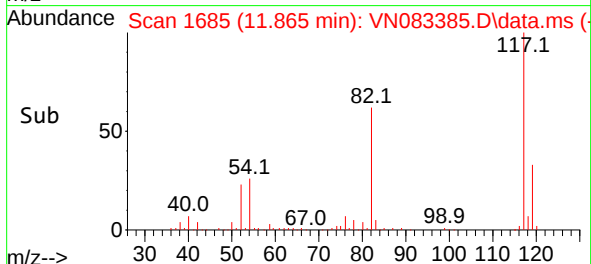
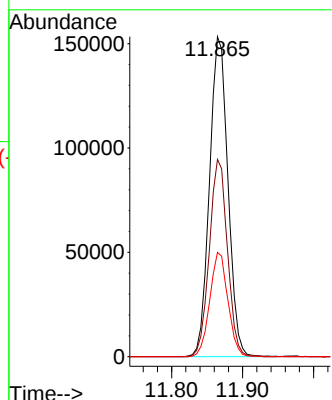
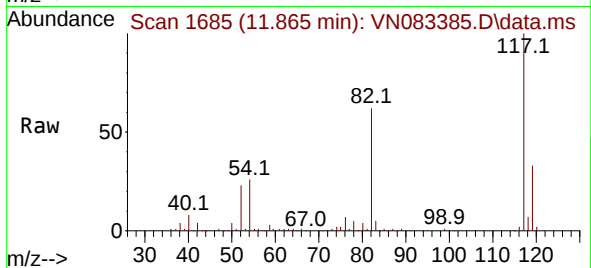
Tgt Ion:117 Resp: 276231

Ion Ratio Lower Upper

117 100

82 61.6 47.5 71.3

119 32.6 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: VN083385.D

Acq: 19 Aug 2024 20:19

Tgt Ion:152 Resp: 123277

Ion Ratio Lower Upper

152 100

115 64.7 30.6 91.6

150 156.3 0.0 348.6

