

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083336.D
 Acq On : 15 Aug 2024 17:13
 Operator : JC\MD
 Sample : P3456-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-WATER-REF-5

Quant Time: Aug 16 01:54:15 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	122319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	245832	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	113511	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	103983	59.724	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.440%
35) Dibromofluoromethane	8.171	113	83936	54.702	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.400%
50) Toluene-d8	10.571	98	306467	53.543	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.080%
62) 4-Bromofluorobenzene	12.853	95	125650	56.308	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	112.620%

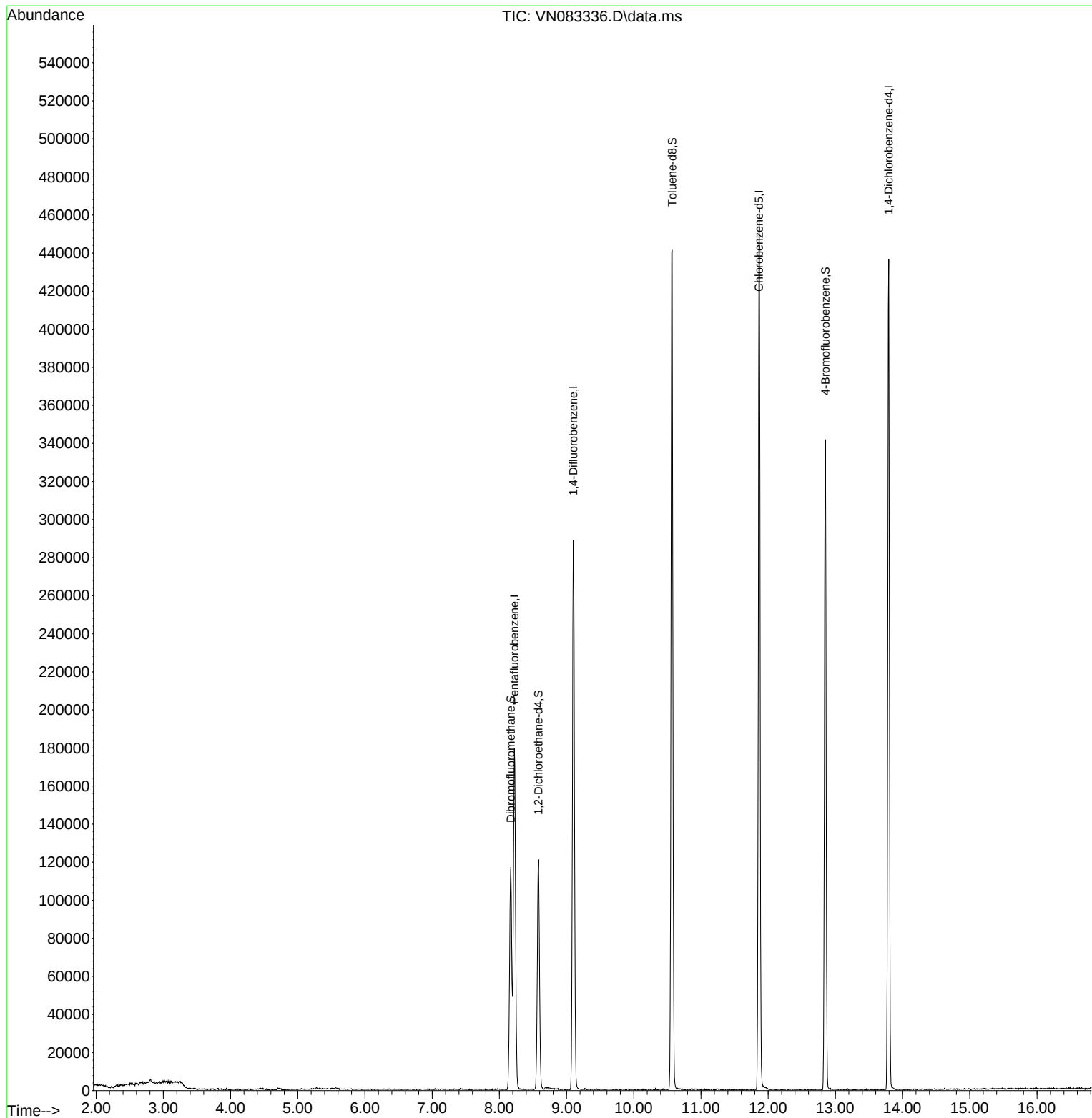
Target Compounds	Qvalue

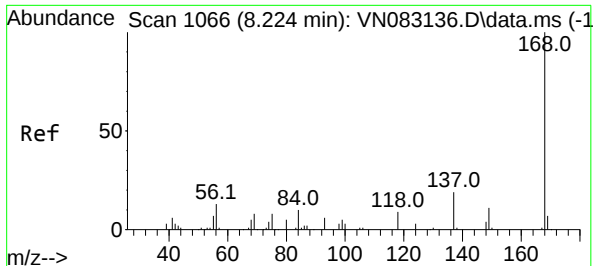
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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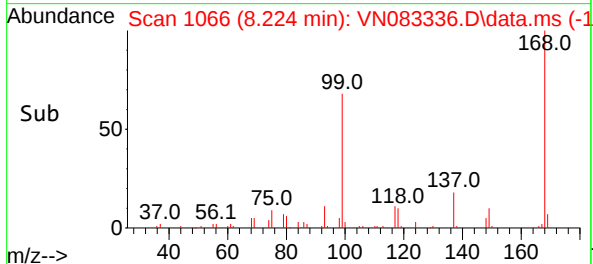
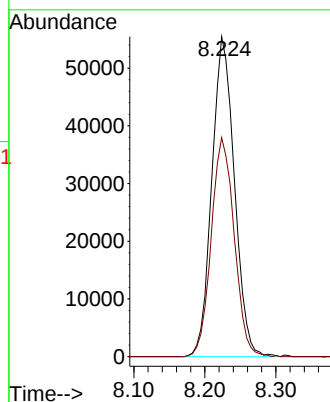
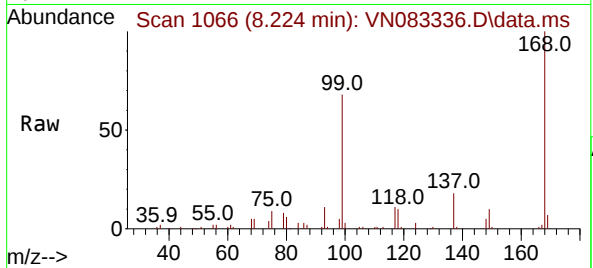




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083336.D
Acq: 15 Aug 2024 17:13

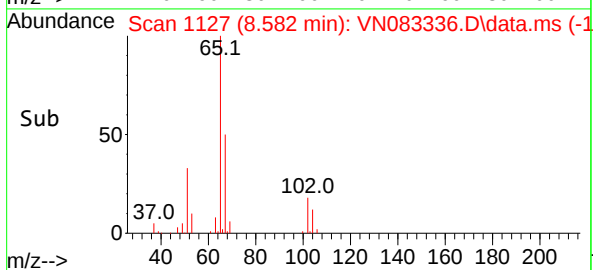
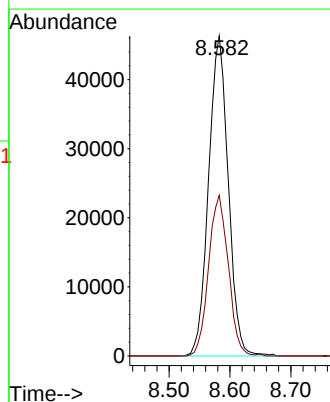
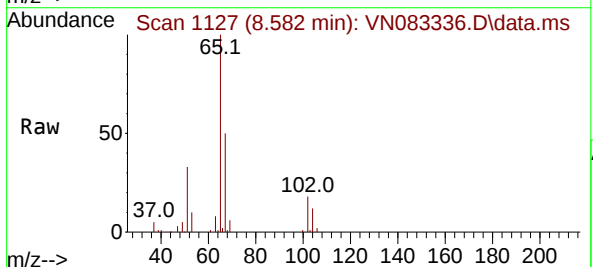
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

Tgt Ion:168 Resp: 122319
Ion Ratio Lower Upper
168 100
99 68.5 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 59.724 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083336.D
Acq: 15 Aug 2024 17:13

Tgt Ion: 65 Resp: 103983
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: VN083336.D

Acq: 15 Aug 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-5

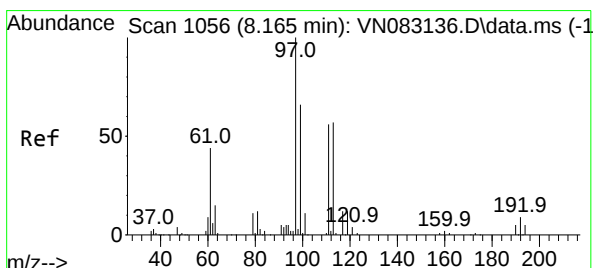
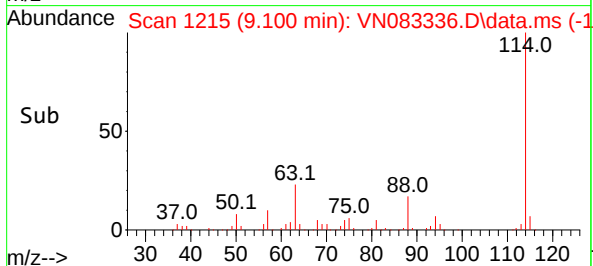
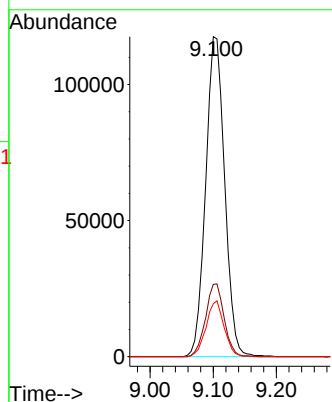
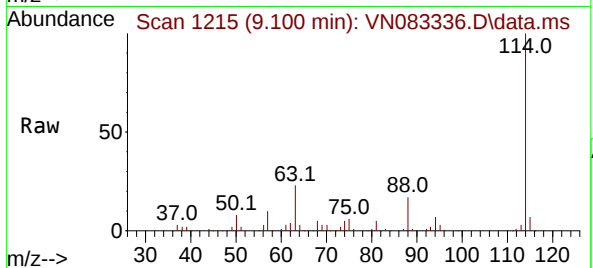
Tgt Ion:114 Resp: 245832

Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.6

88 16.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.702 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083336.D

Acq: 15 Aug 2024 17:13

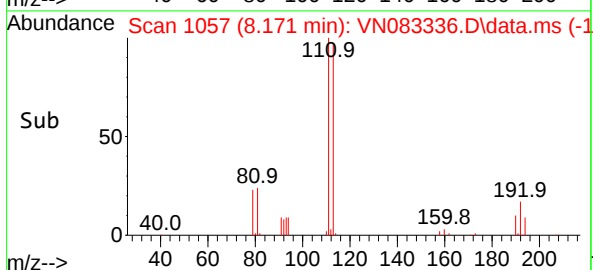
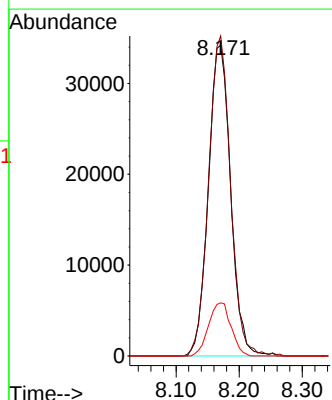
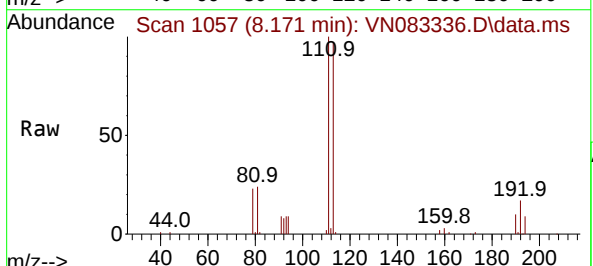
Tgt Ion:113 Resp: 83936

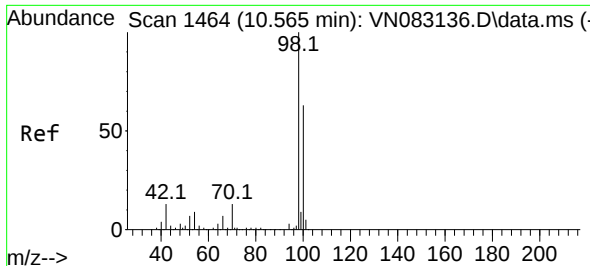
Ion Ratio Lower Upper

113 100

111 101.4 82.4 123.6

192 17.2 14.9 22.3

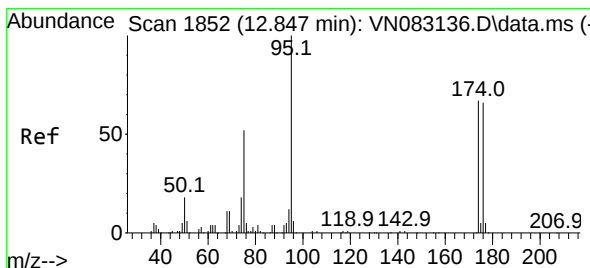
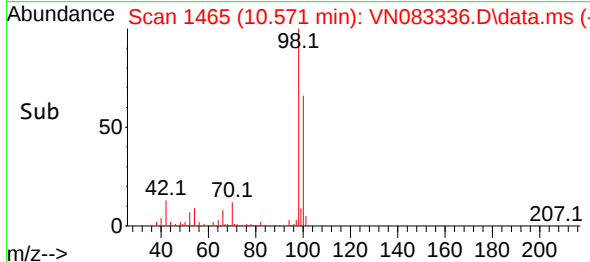
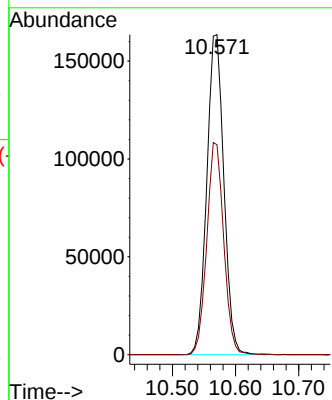
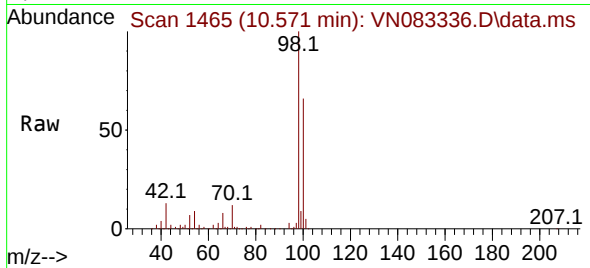




#50
Toluene-d8
Concen: 53.543 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN083336.D
Acq: 15 Aug 2024 17:13

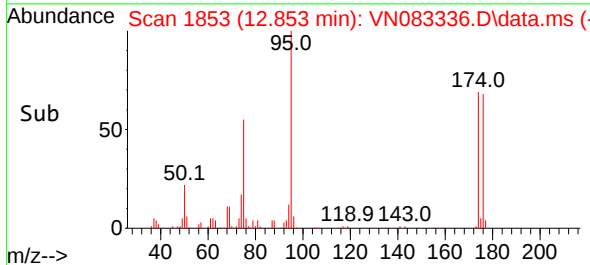
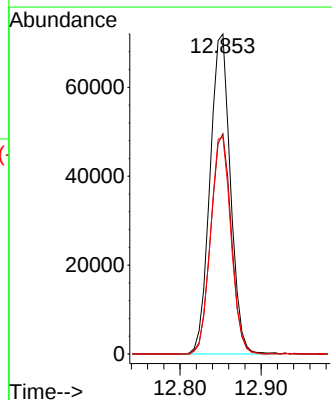
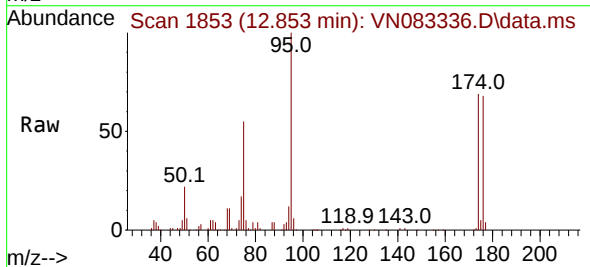
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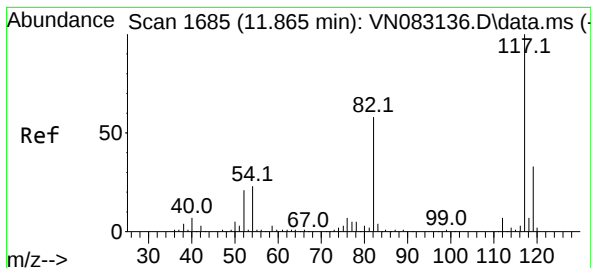
Tgt Ion: 98 Resp: 306467
Ion Ratio Lower Upper
98 100
100 65.7 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 56.308 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083336.D
Acq: 15 Aug 2024 17:13

Tgt Ion: 95 Resp: 125650
Ion Ratio Lower Upper
95 100
174 68.9 0.0 159.2
176 67.8 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: VN083336.D

Acq: 15 Aug 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-5

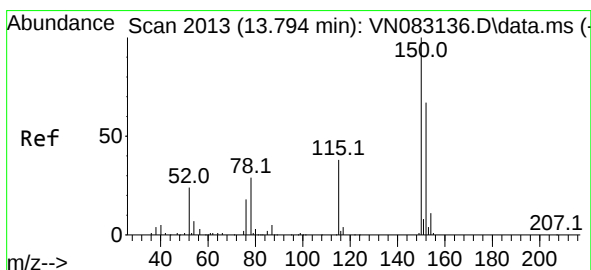
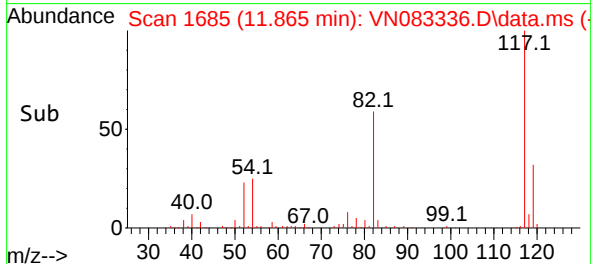
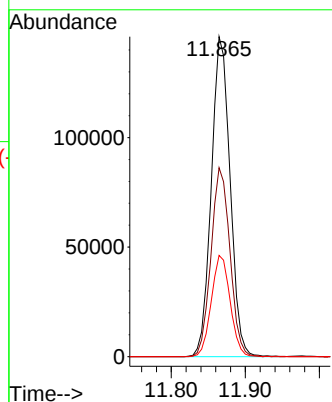
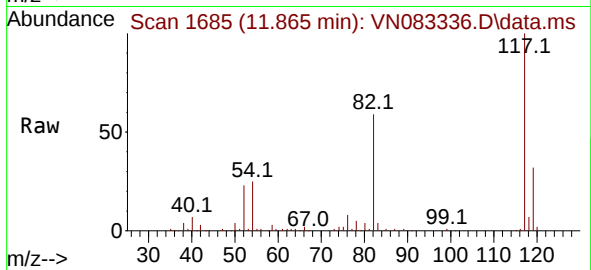
Tgt Ion:117 Resp: 256892

Ion Ratio Lower Upper

117 100

82 59.0 47.5 71.3

119 31.7 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: VN083336.D

Acq: 15 Aug 2024 17:13

Tgt Ion:152 Resp: 113511

Ion Ratio Lower Upper

152 100

115 63.5 30.6 91.6

150 156.3 0.0 348.6

