

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082224\
 Data File : VN083440.D
 Acq On : 22 Aug 2024 16:57
 Operator : JC\MD
 Sample : P3656-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Aug 23 01:42:27 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	125065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	258161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131271	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	102545	57.604	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.200%
35) Dibromofluoromethane	8.165	113	81439	50.540	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.080%
50) Toluene-d8	10.565	98	291215	48.448	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.900%
62) 4-Bromofluorobenzene	12.847	95	135791	57.947	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	115.900%

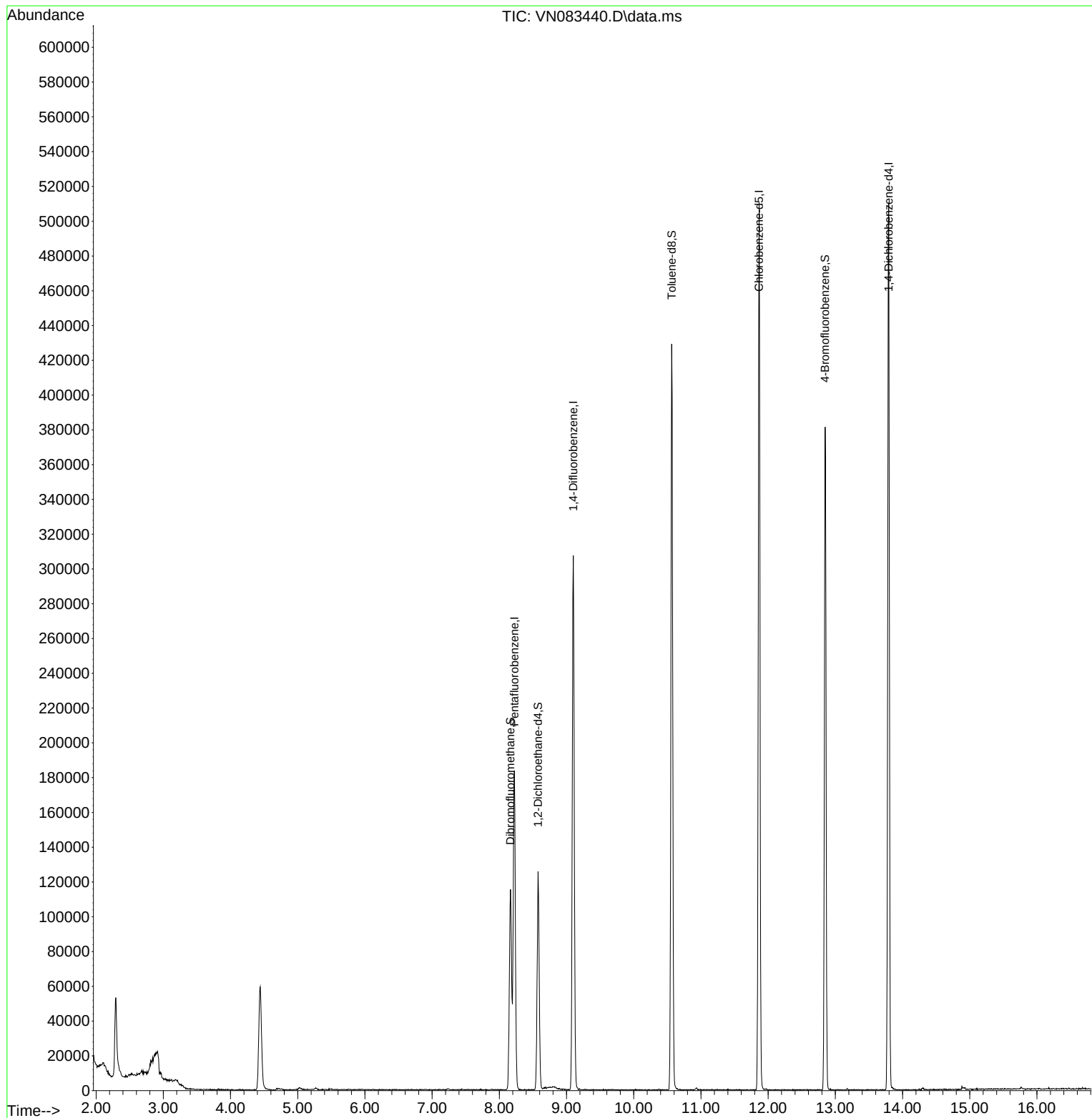
Target Compounds	Qvalue

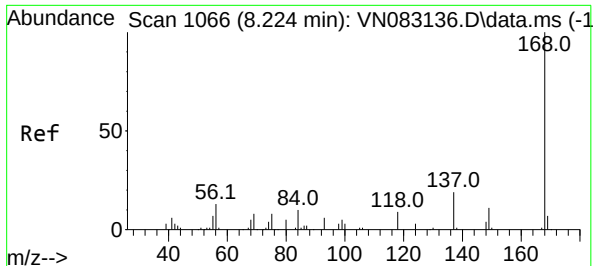
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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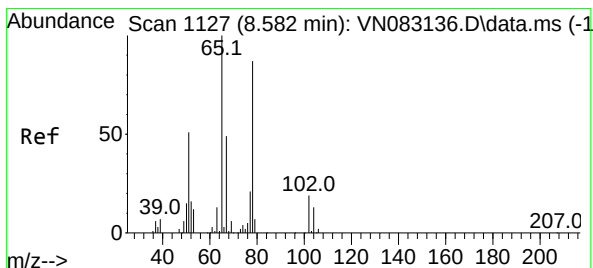
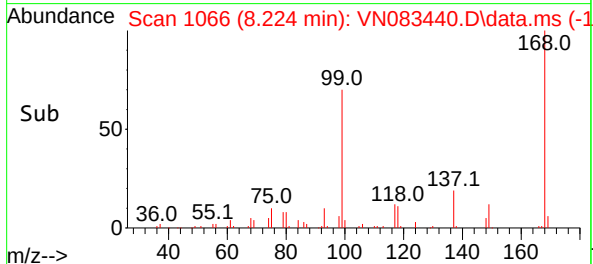
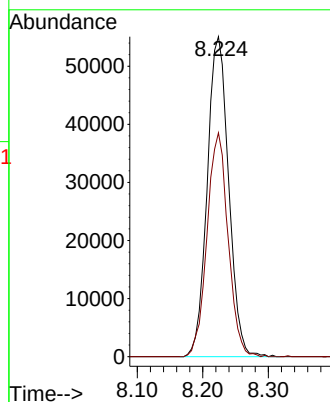
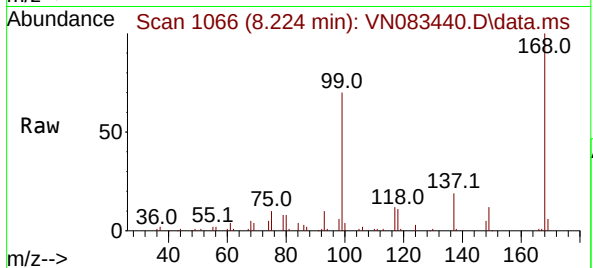




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083440.D
Acq: 22 Aug 2024 16:57

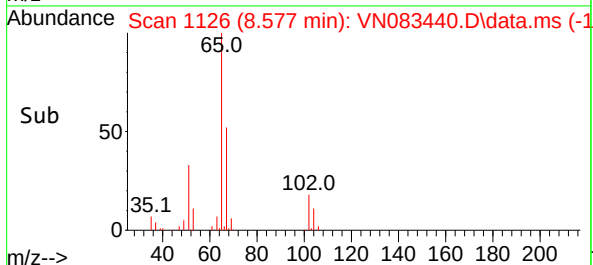
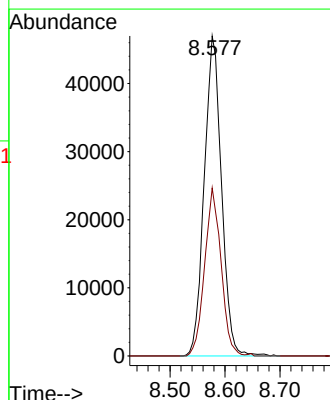
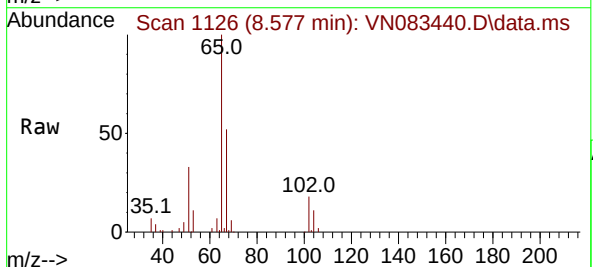
Instrument :
MSVOA_N
ClientSampleId :
MW-1

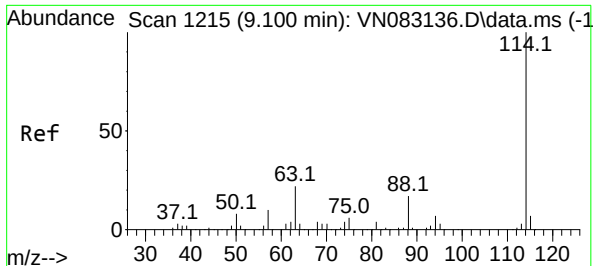
Tgt Ion:168 Resp: 125065
Ion Ratio Lower Upper
168 100
99 70.0 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 57.604 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083440.D
Acq: 22 Aug 2024 16:57

Tgt Ion: 65 Resp: 102545
Ion Ratio Lower Upper
65 100
67 49.9 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083440.D

Acq: 22 Aug 2024 16:57

Instrument :

MSVOA_N

ClientSampleId :

MW-1

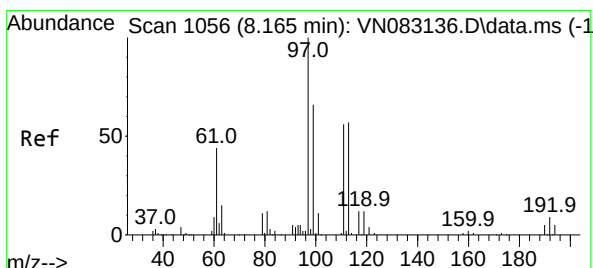
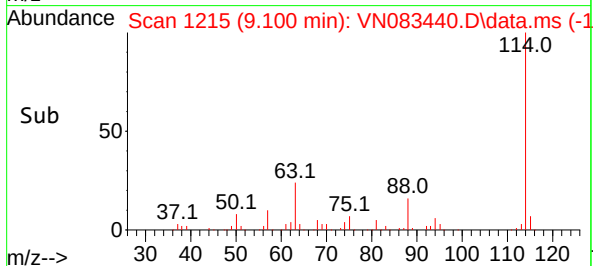
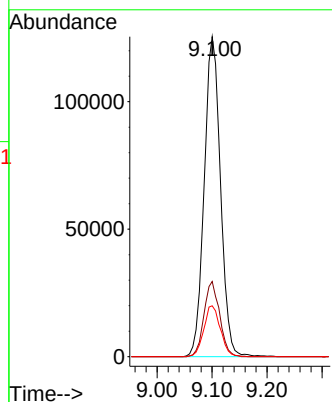
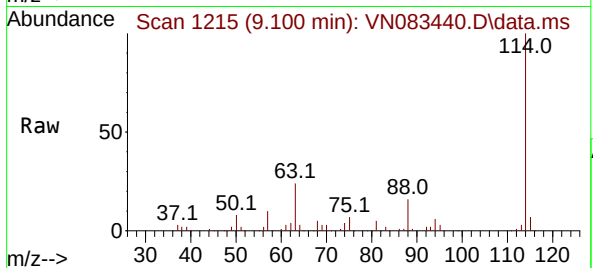
Tgt Ion:114 Resp: 258161

Ion Ratio Lower Upper

114 100

63 23.5 0.0 44.6

88 15.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.540 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083440.D

Acq: 22 Aug 2024 16:57

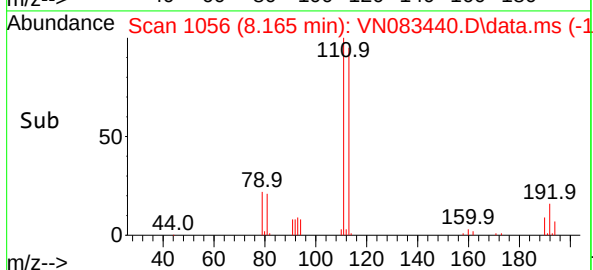
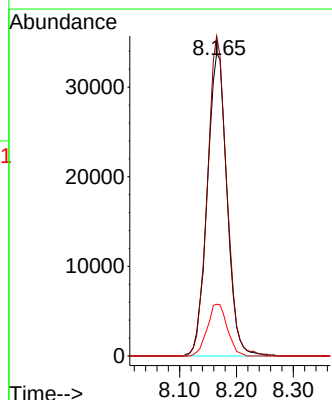
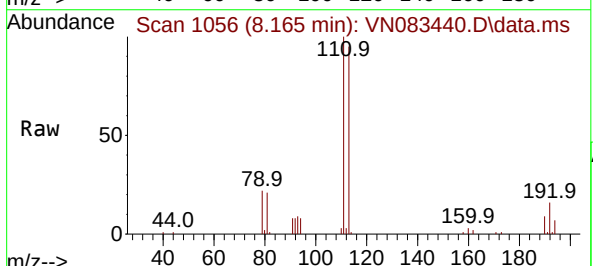
Tgt Ion:113 Resp: 81439

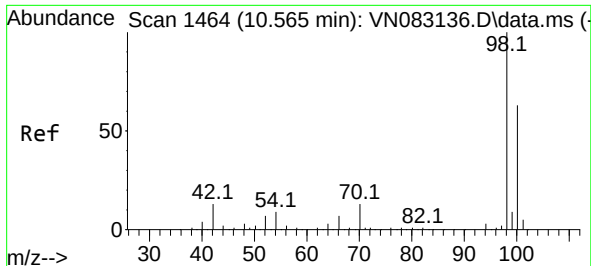
Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

192 17.3 14.9 22.3

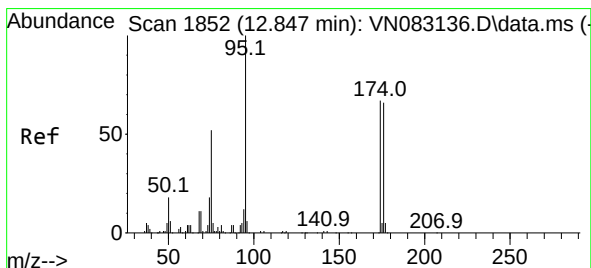
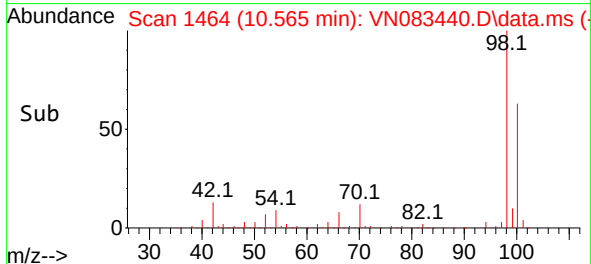
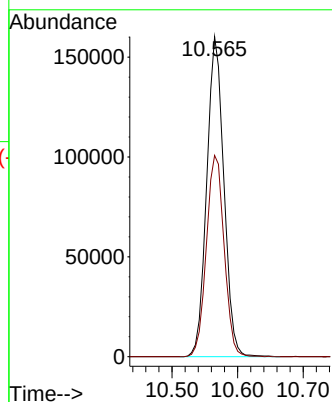
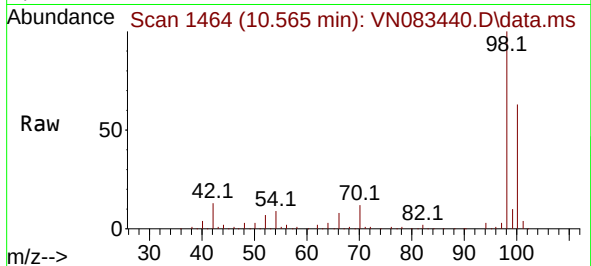




#50
Toluene-d8
Concen: 48.448 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083440.D
Acq: 22 Aug 2024 16:57

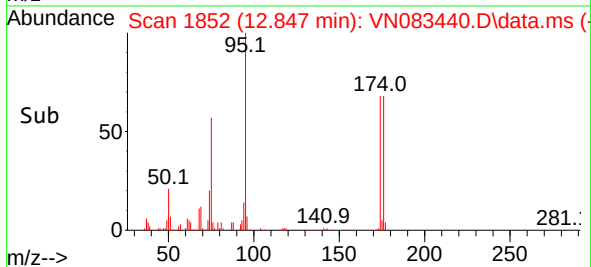
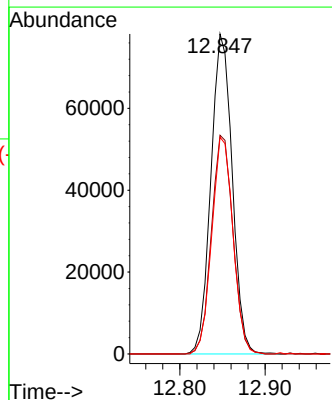
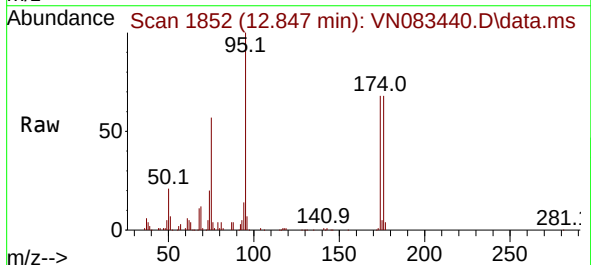
Instrument :
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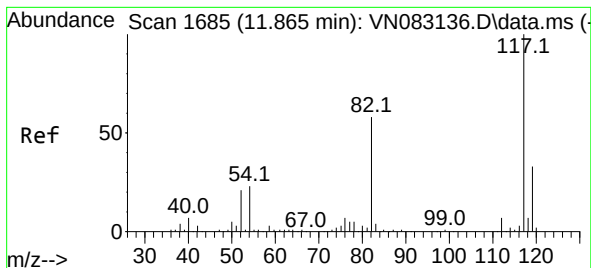
Tgt Ion: 98 Resp: 291215
Ion Ratio Lower Upper
98 100
100 65.2 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 57.947 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083440.D
Acq: 22 Aug 2024 16:57

Tgt Ion: 95 Resp: 135791
Ion Ratio Lower Upper
95 100
174 69.0 0.0 159.2
176 67.5 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: VN083440.D

Acq: 22 Aug 2024 16:57

Instrument :

MSVOA_N

ClientSampleId :

MW-1

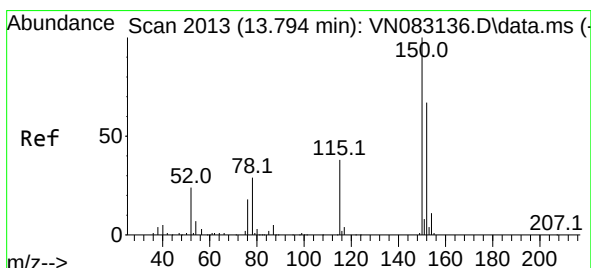
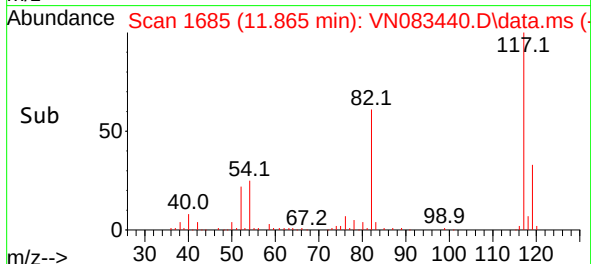
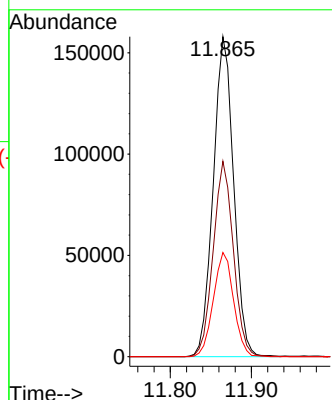
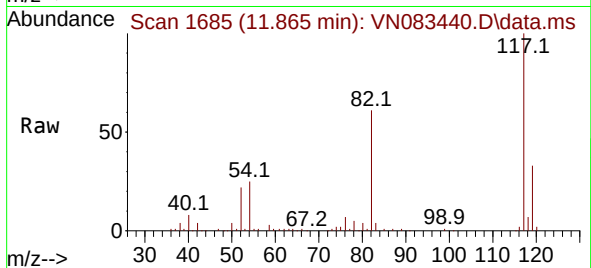
Tgt Ion:117 Resp: 276312

Ion Ratio Lower Upper

117 100

82 61.1 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: VN083440.D

Acq: 22 Aug 2024 16:57

Tgt Ion:152 Resp: 131271

Ion Ratio Lower Upper

152 100

115 65.5 30.6 91.6

150 157.8 0.0 348.6

