

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083328.D
 Acq On : 15 Aug 2024 13:59
 Operator : JC\MD
 Sample : P3622-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: Aug 16 01:50:57 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	8.223	168	117380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	237490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	242732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102910	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	102220	61.181	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	122.360%
35) Dibromofluoromethane	8.171	113	81097	54.708	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.420%
50) Toluene-d8	10.570	98	299653	54.191	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.380%
62) 4-Bromofluorobenzene	12.847	95	118251	54.854	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.700%

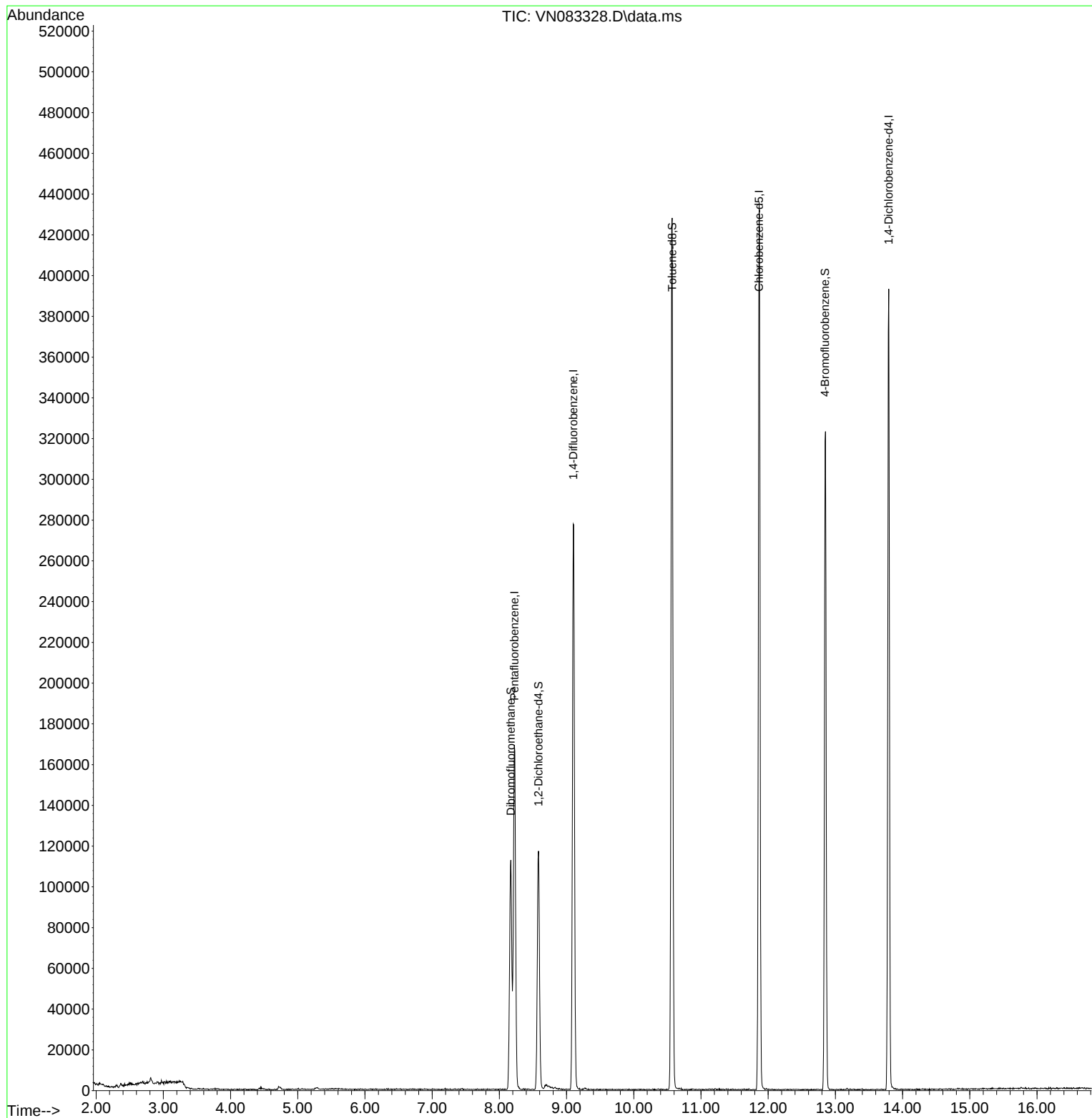
Target Compounds	Qvalue

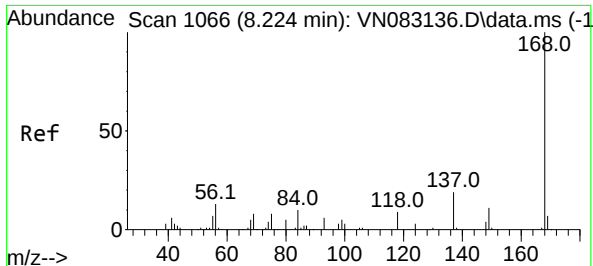
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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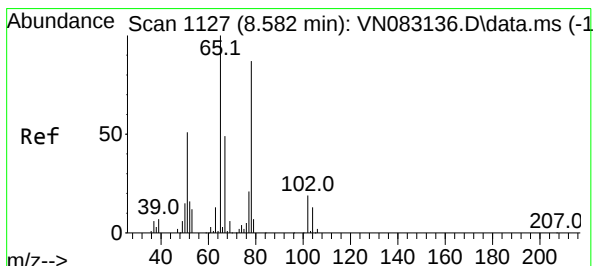
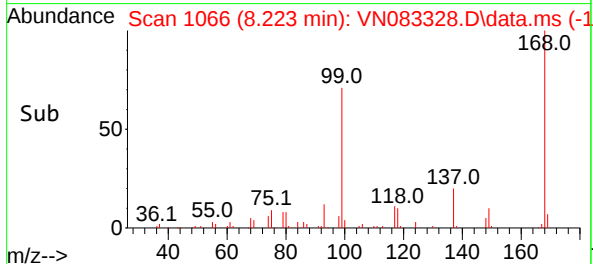
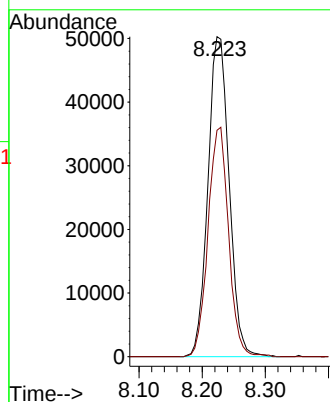
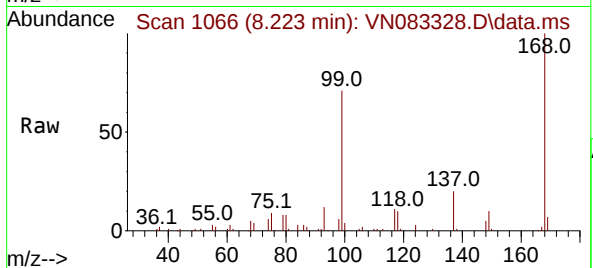




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.223 min Scan# 1066
Delta R.T. -0.001 min
Lab File: VN083328.D
Acq: 15 Aug 2024 13:59

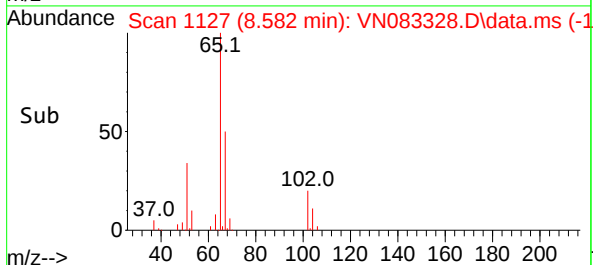
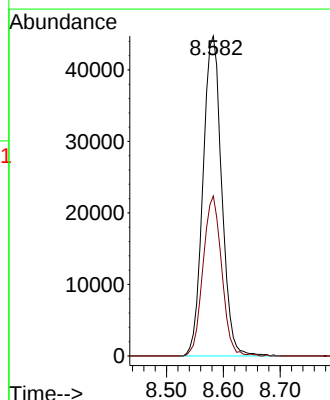
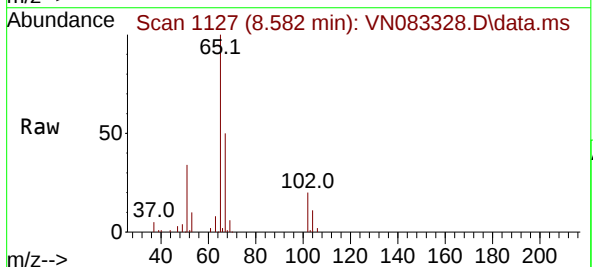
Instrument :
MSVOA_N
ClientSampleId :
TB

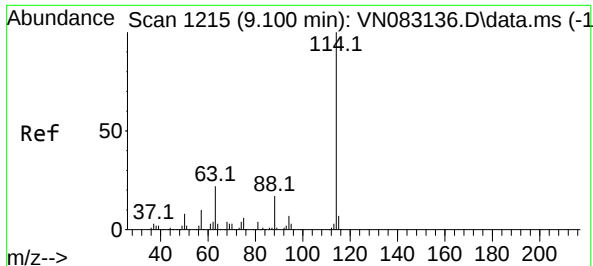
Tgt Ion:168 Resp: 117380
Ion Ratio Lower Upper
168 100
99 70.8 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 61.181 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083328.D
Acq: 15 Aug 2024 13:59

Tgt Ion: 65 Resp: 102220
Ion Ratio Lower Upper
65 100
67 49.6 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: VN083328.D

Acq: 15 Aug 2024 13:59

Instrument :

MSVOA_N

ClientSampleId :

TB

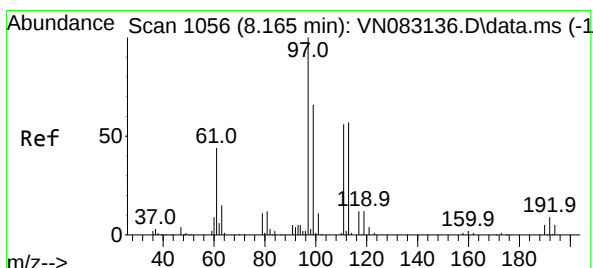
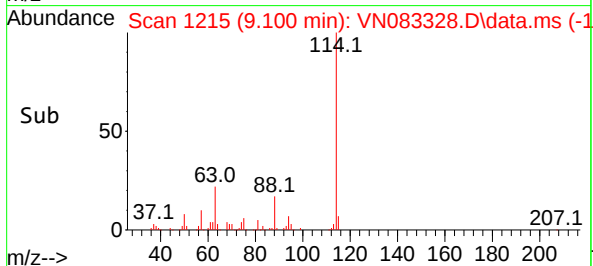
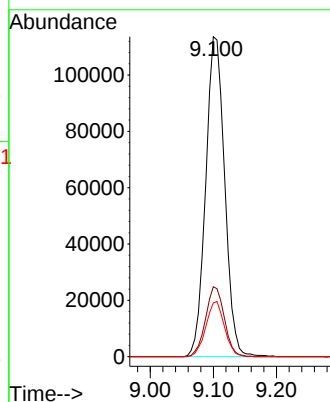
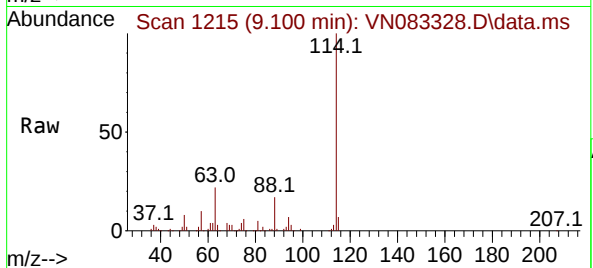
Tgt Ion:114 Resp: 237490

Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.6

88 16.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.708 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083328.D

Acq: 15 Aug 2024 13:59

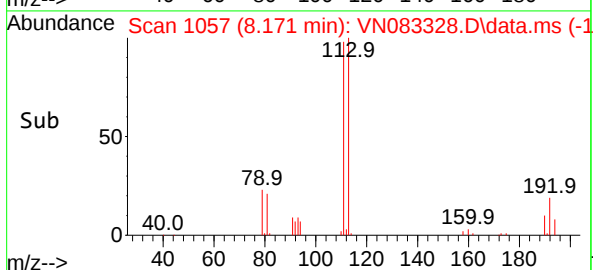
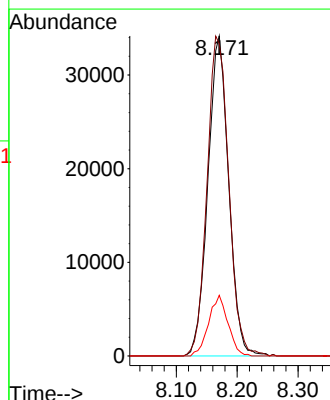
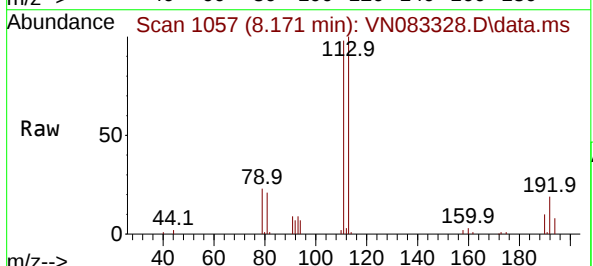
Tgt Ion:113 Resp: 81097

Ion Ratio Lower Upper

113 100

111 103.8 82.4 123.6

192 17.6 14.9 22.3

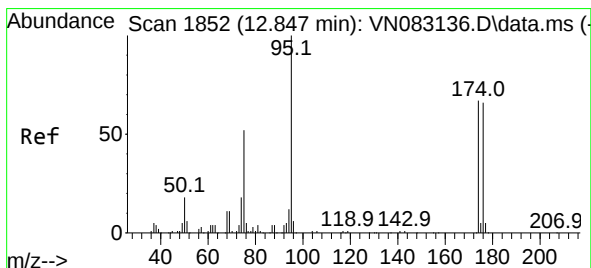
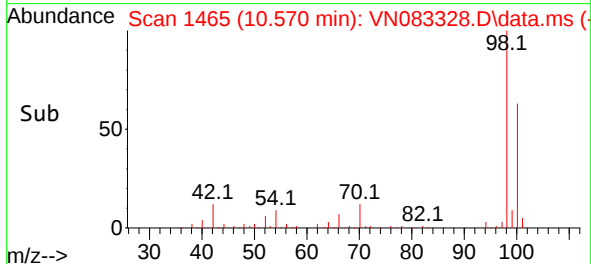
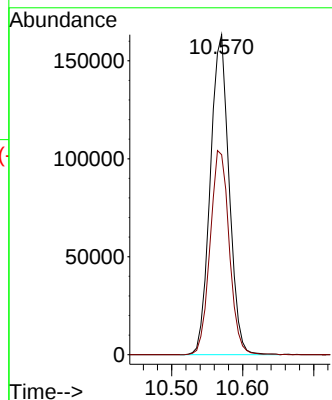
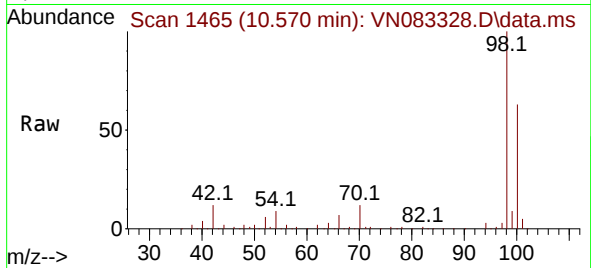




#50
Toluene-d8
Concen: 54.191 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN083328.D
Acq: 15 Aug 2024 13:59

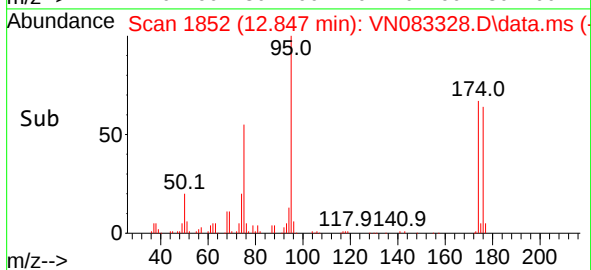
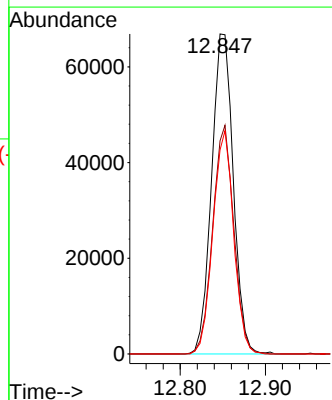
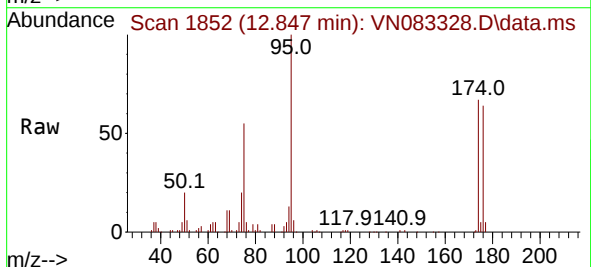
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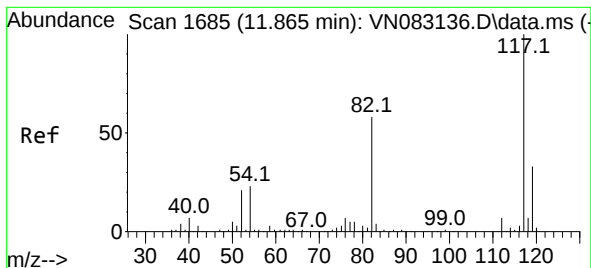
Tgt Ion: 98 Resp: 299653
Ion Ratio Lower Upper
98 100
100 64.9 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 54.854 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083328.D
Acq: 15 Aug 2024 13:59

Tgt Ion: 95 Resp: 118251
Ion Ratio Lower Upper
95 100
174 69.7 0.0 159.2
176 66.6 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.864 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083328.D

Acq: 15 Aug 2024 13:59

Instrument :

MSVOA_N

ClientSampleId :

TB

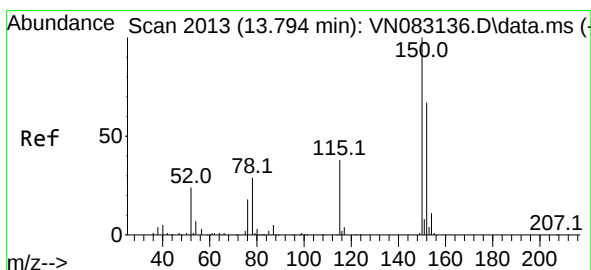
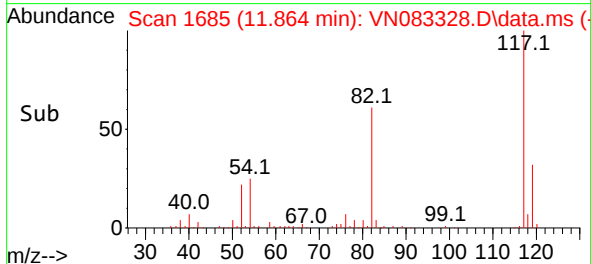
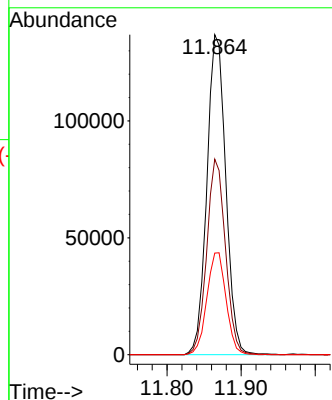
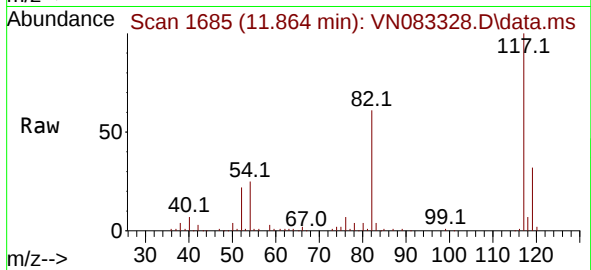
Tgt Ion:117 Resp: 242732

Ion Ratio Lower Upper

117 100

82 61.1 47.5 71.3

119 31.8 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: VN083328.D

Acq: 15 Aug 2024 13:59

Tgt Ion:152 Resp: 102910

Ion Ratio Lower Upper

152 100

115 64.3 30.6 91.6

150 158.1 0.0 348.6

