

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080824\
 Data File : VN083146.D
 Acq On : 08 Aug 2024 11:11
 Operator : JC\MD
 Sample : VN0808WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808WBL01

Quant Time: Aug 08 13:32:54 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	142718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	261987	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	113951	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	110118	54.207	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.420%
35) Dibromofluoromethane	8.171	113	88438	54.082	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.160%
50) Toluene-d8	10.565	98	336424	55.152	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.300%
62) 4-Bromofluorobenzene	12.847	95	138755	58.347	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	116.700%

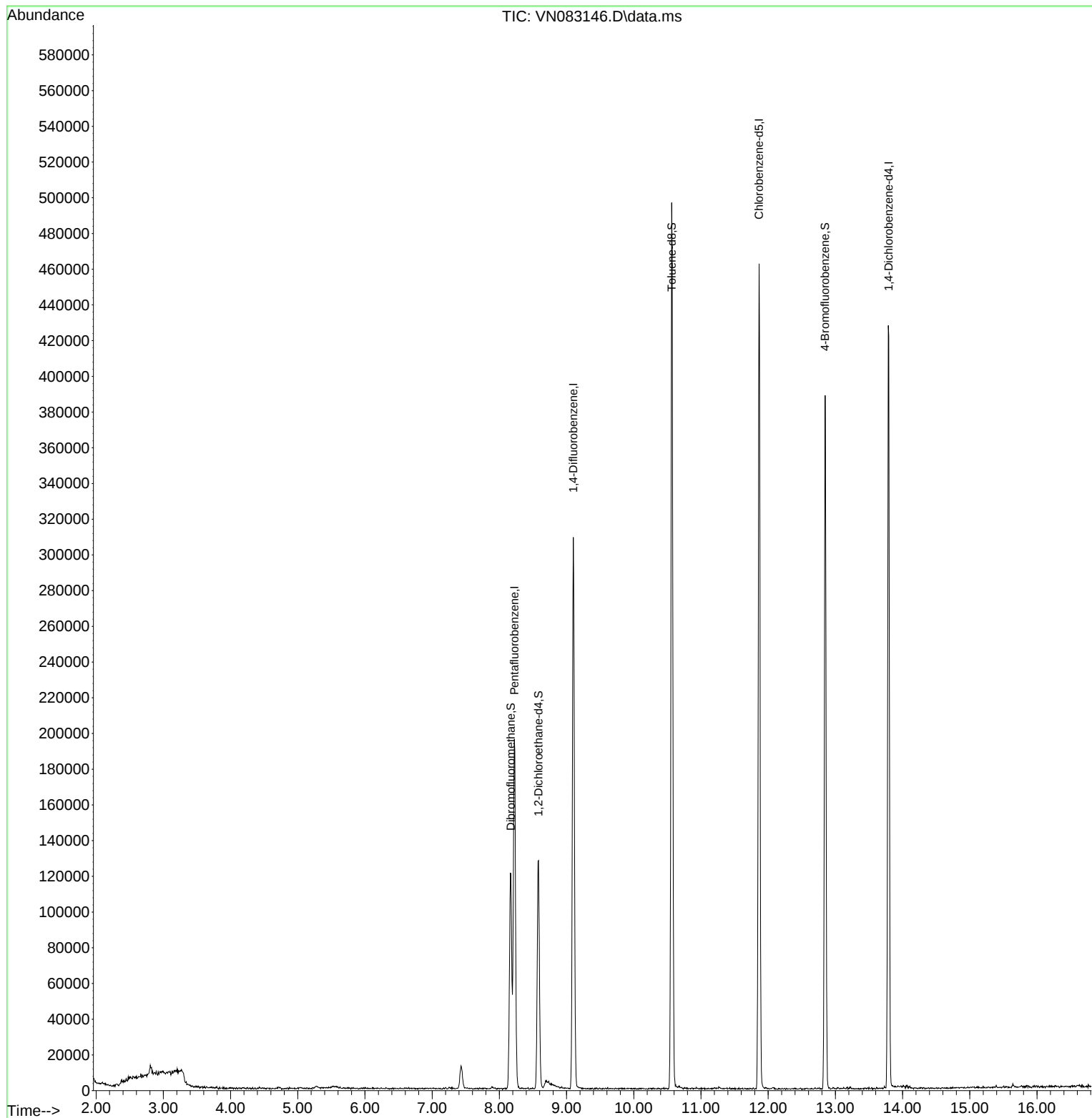
Target Compounds	Qvalue

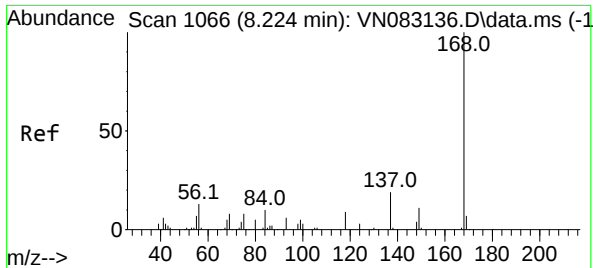
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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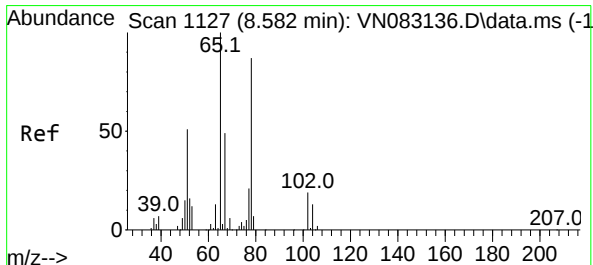
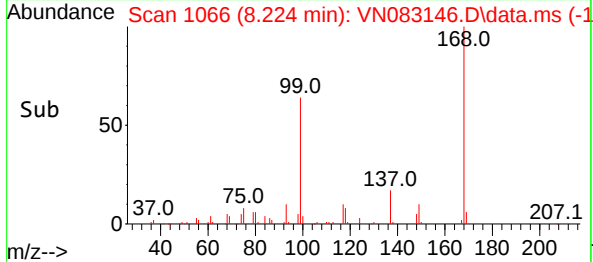
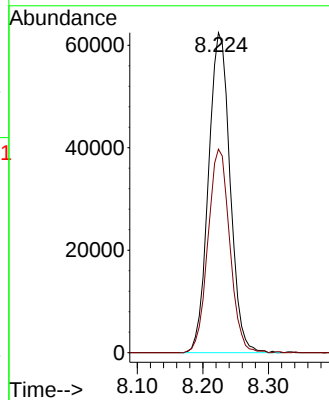
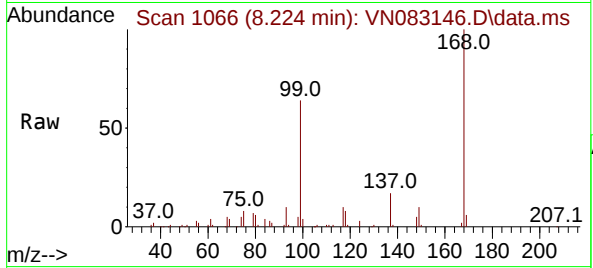




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083146.D
Acq: 08 Aug 2024 11:11

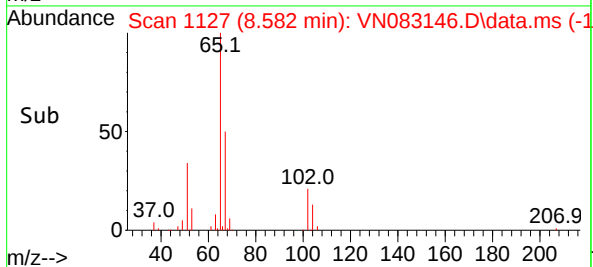
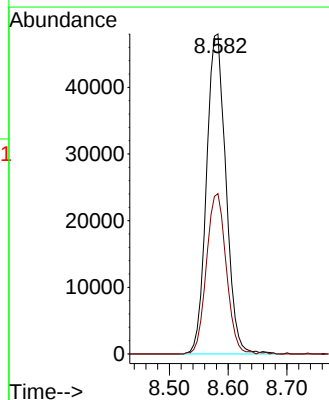
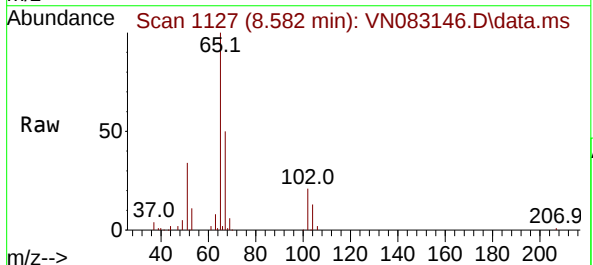
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

Tgt Ion:168 Resp: 142718
Ion Ratio Lower Upper
168 100
99 63.6 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 54.207 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083146.D
Acq: 08 Aug 2024 11:11

Tgt Ion: 65 Resp: 110118
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.4

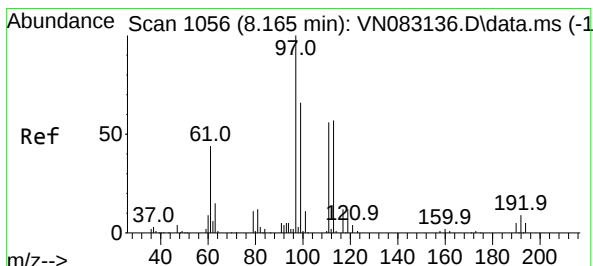
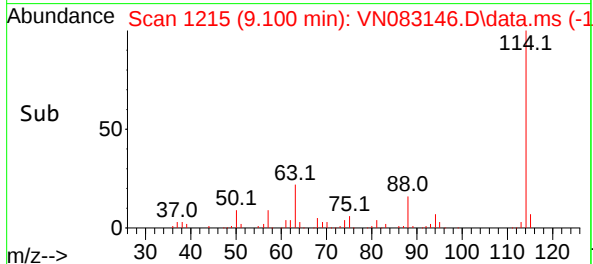
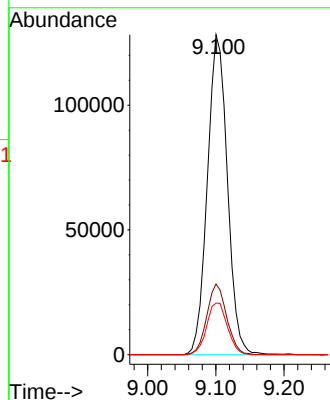
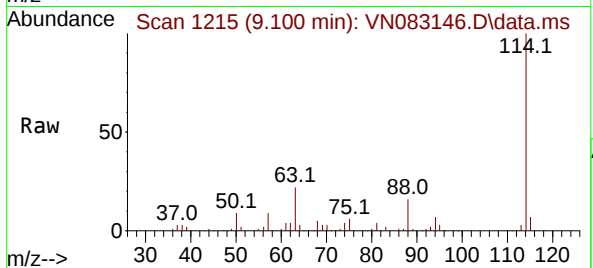




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083146.D
Acq: 08 Aug 2024 11:11

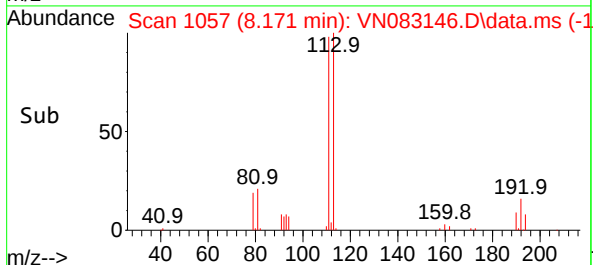
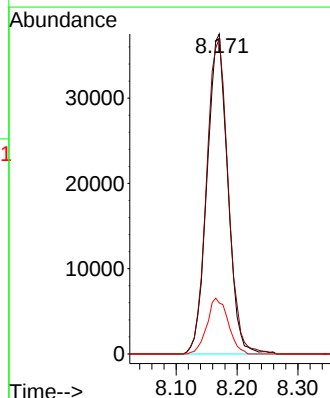
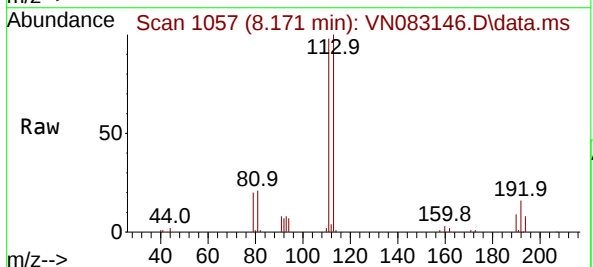
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

Tgt Ion:114 Resp: 261987
Ion Ratio Lower Upper
114 100
63 22.1 0.0 44.6
88 16.1 0.0 31.4



#35
Dibromofluoromethane
Concen: 54.082 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083146.D
Acq: 08 Aug 2024 11:11

Tgt Ion:113 Resp: 88438
Ion Ratio Lower Upper
113 100
111 103.2 82.4 123.6
192 17.8 14.9 22.3

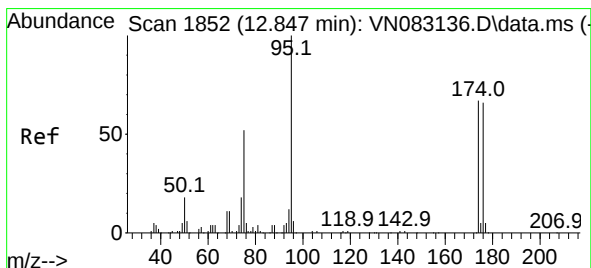
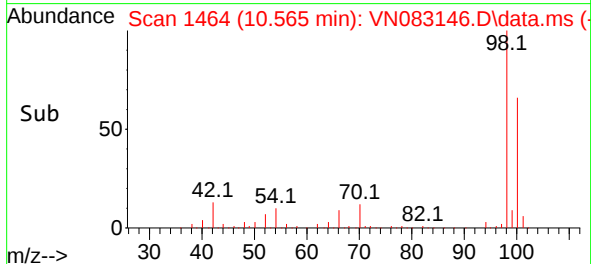
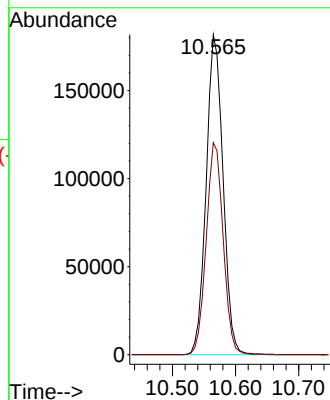
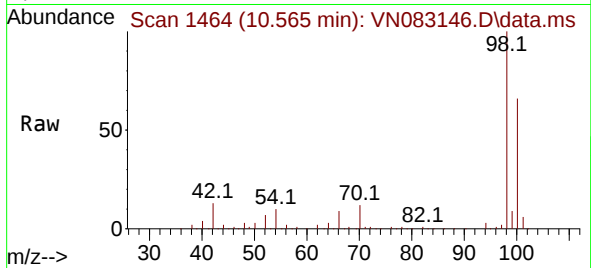




#50
Toluene-d8
Concen: 55.152 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083146.D
Acq: 08 Aug 2024 11:11

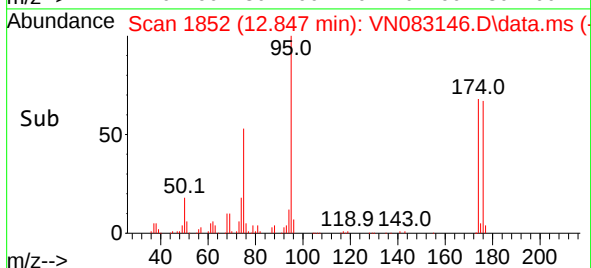
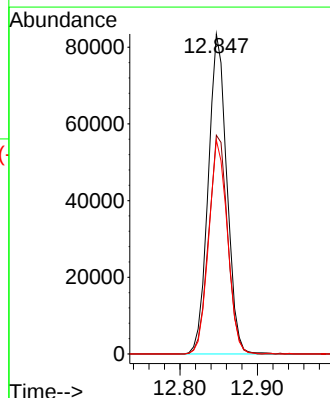
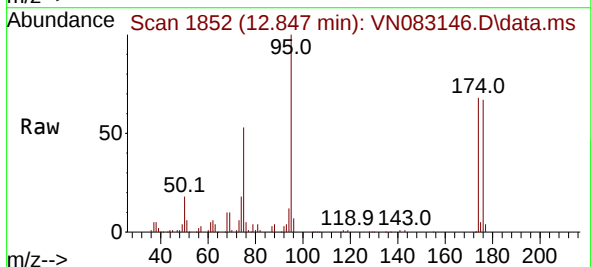
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

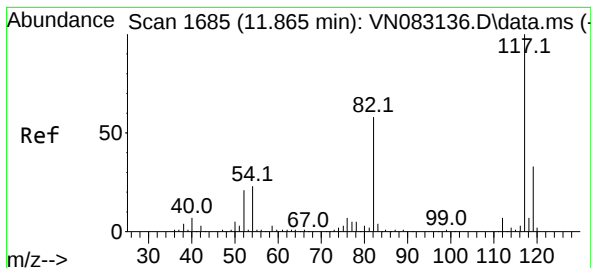
Tgt Ion: 98 Resp: 336424
Ion Ratio Lower Upper
98 100
100 66.6 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 58.347 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083146.D
Acq: 08 Aug 2024 11:11

Tgt Ion: 95 Resp: 138755
Ion Ratio Lower Upper
95 100
174 69.8 0.0 159.2
176 67.2 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: VN083146.D

Acq: 08 Aug 2024 11:11

Instrument :

MSVOA_N

ClientSampleId :

VN0808WBL01

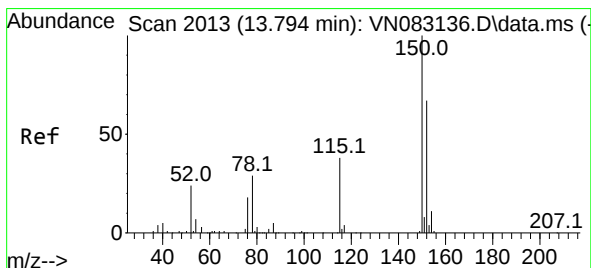
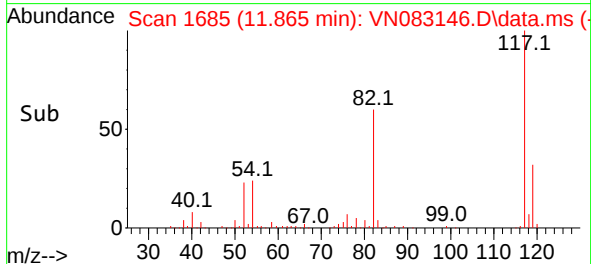
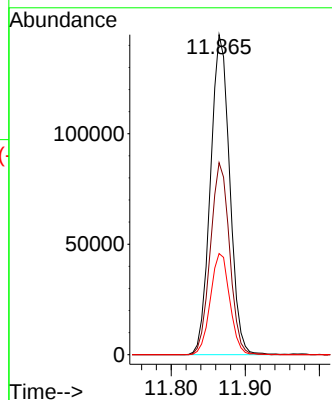
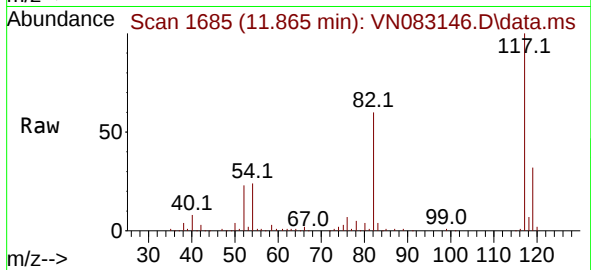
Tgt Ion:117 Resp: 261054

Ion Ratio Lower Upper

117 100

82 60.0 47.5 71.3

119 31.6 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: VN083146.D

Acq: 08 Aug 2024 11:11

Tgt Ion:152 Resp: 113951

Ion Ratio Lower Upper

152 100

115 63.5 30.6 91.6

150 155.7 0.0 348.6

