

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083326.D
 Acq On : 15 Aug 2024 13:10
 Operator : JC\MD
 Sample : P3617-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: Aug 16 01:50:13 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	128329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	251863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	258981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114574	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	106675	58.400	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.800%
35) Dibromofluoromethane	8.171	113	83676	53.226	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.460%
50) Toluene-d8	10.571	98	313083	53.389	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.780%
62) 4-Bromofluorobenzene	12.853	95	128174	56.064	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	112.120%

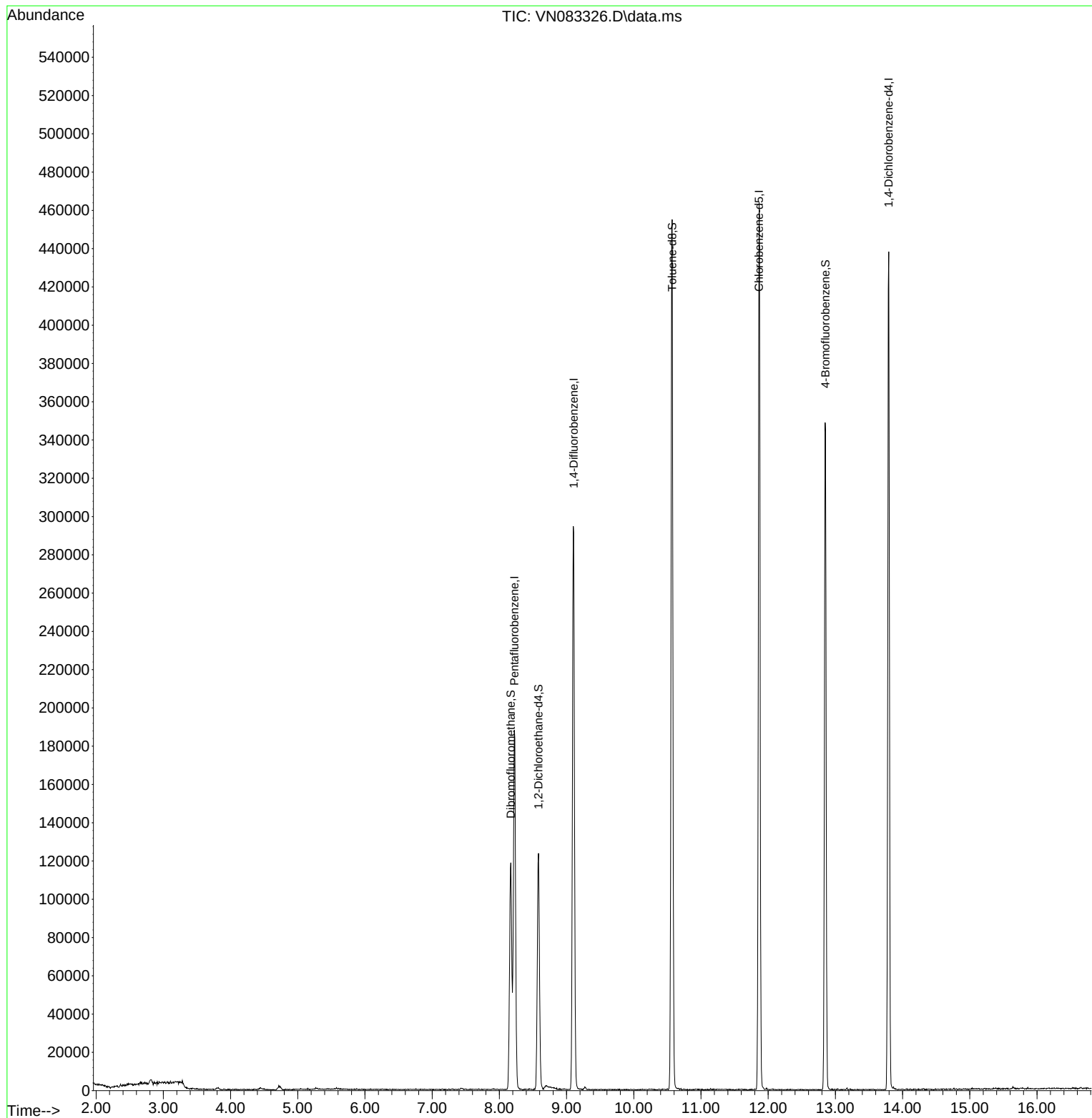
Target Compounds	Qvalue

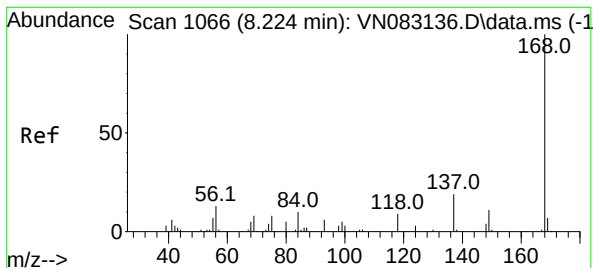
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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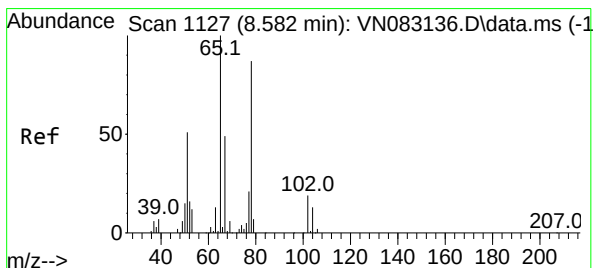
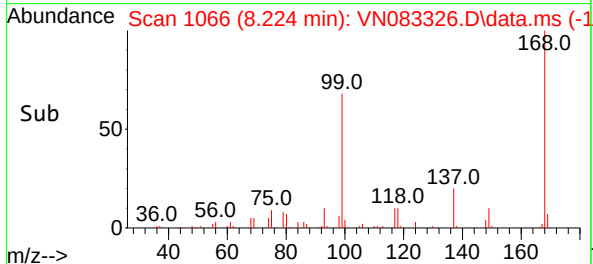
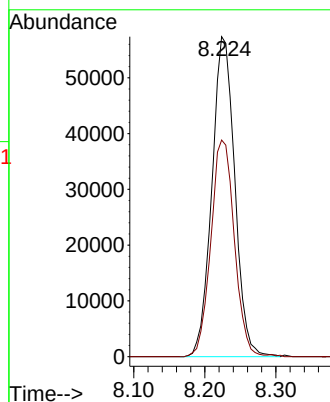
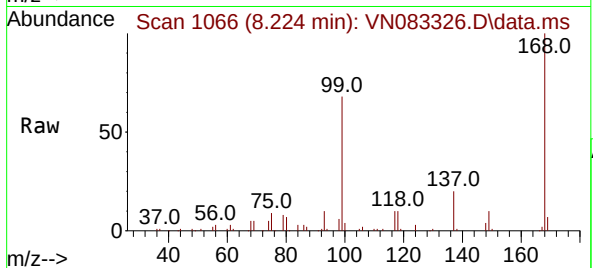




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083326.D
Acq: 15 Aug 2024 13:10

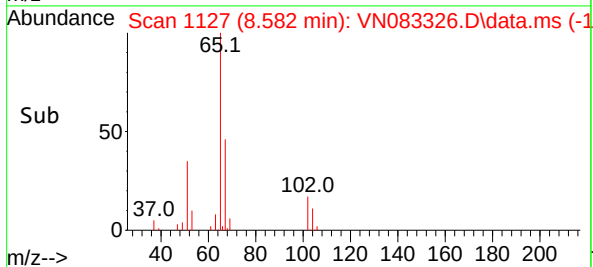
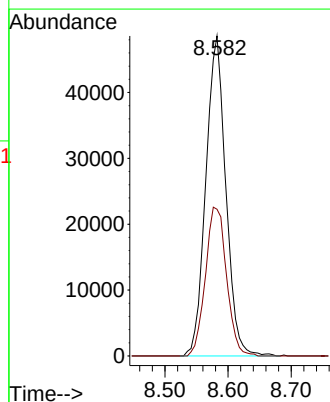
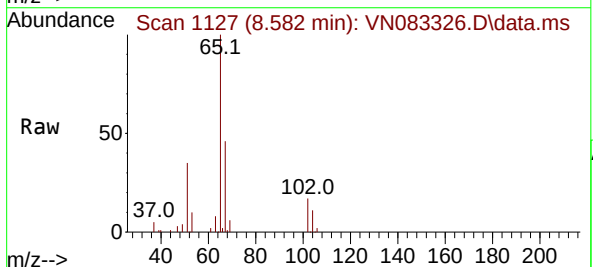
Instrument :
MSVOA_N
ClientSampleId :
TB

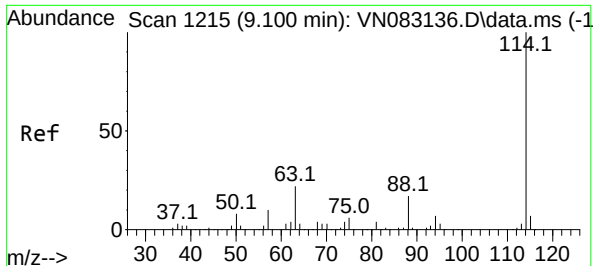
Tgt Ion:168 Resp: 128329
Ion Ratio Lower Upper
168 100
99 67.7 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 58.400 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083326.D
Acq: 15 Aug 2024 13:10

Tgt Ion: 65 Resp: 106675
Ion Ratio Lower Upper
65 100
67 49.1 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN083326.D

Acq: 15 Aug 2024 13:10

Instrument :

MSVOA_N

ClientSampleId :

TB

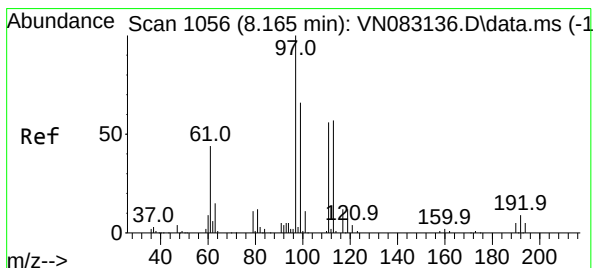
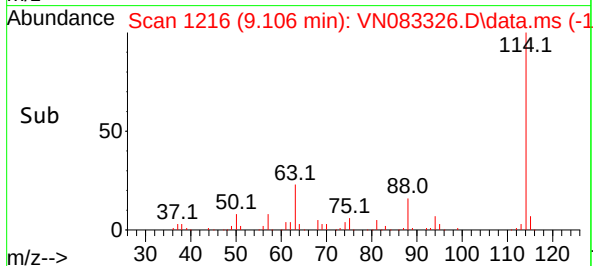
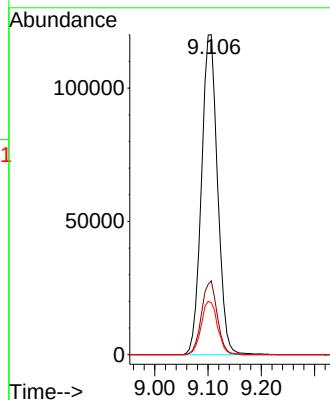
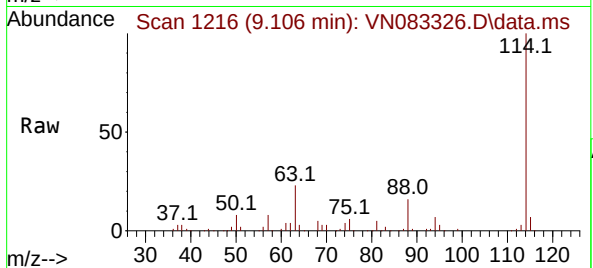
Tgt Ion:114 Resp: 251863

Ion Ratio Lower Upper

114 100

63 23.1 0.0 44.6

88 16.3 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.226 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083326.D

Acq: 15 Aug 2024 13:10

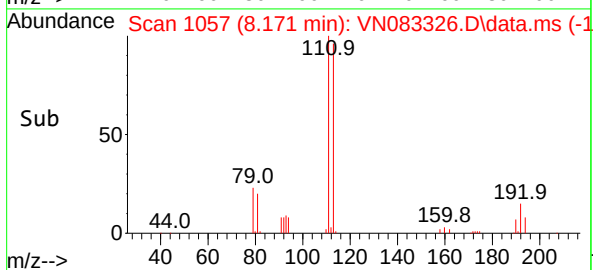
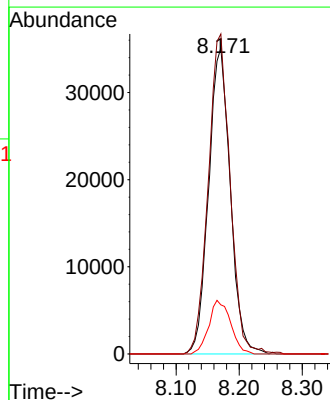
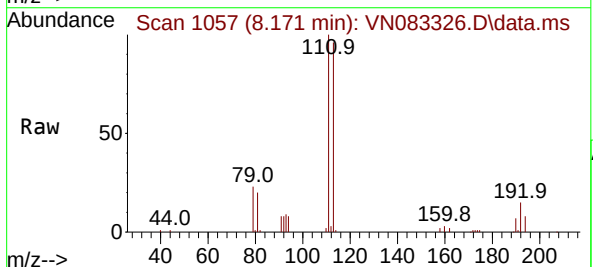
Tgt Ion:113 Resp: 83676

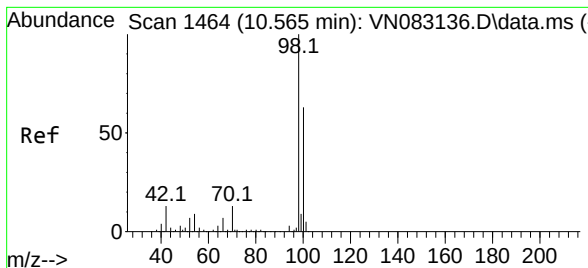
Ion Ratio Lower Upper

113 100

111 105.3 82.4 123.6

192 17.6 14.9 22.3

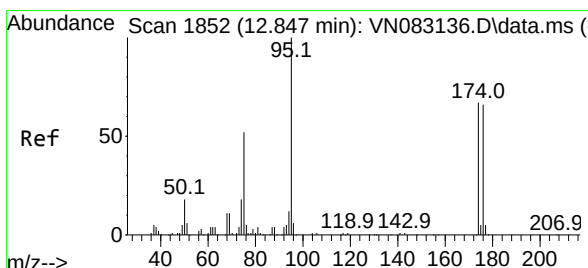
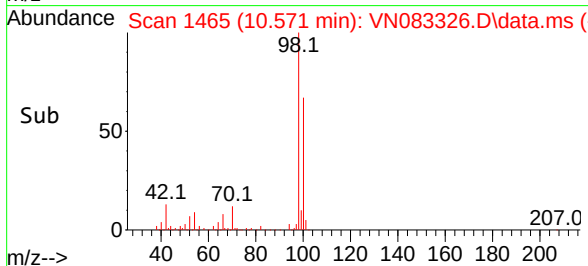
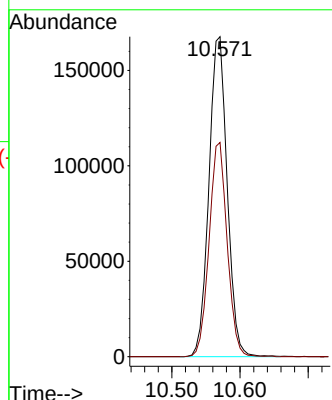
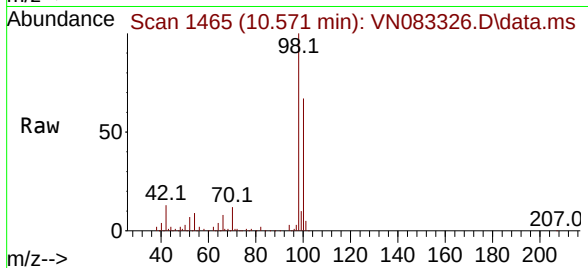




#50
Toluene-d8
Concen: 53.389 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN083326.D
Acq: 15 Aug 2024 13:10

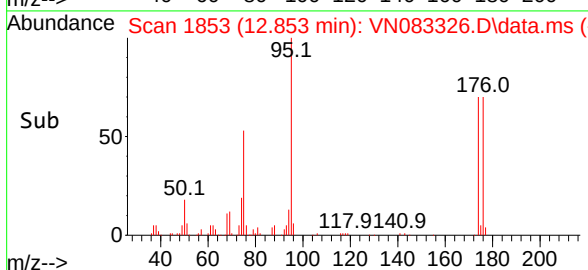
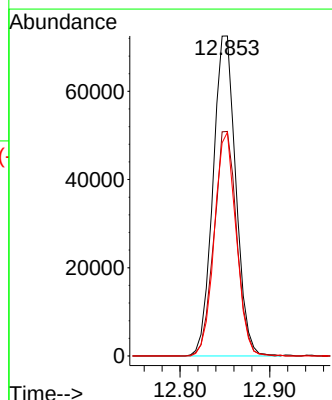
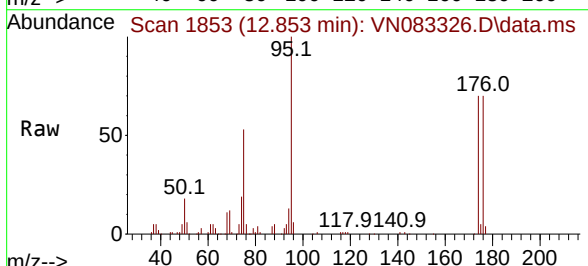
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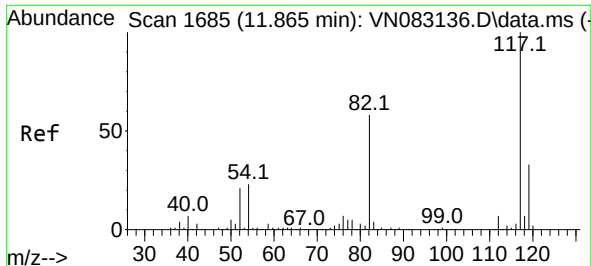
Tgt Ion: 98 Resp: 313083
Ion Ratio Lower Upper
98 100
100 66.1 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 56.064 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083326.D
Acq: 15 Aug 2024 13:10

Tgt Ion: 95 Resp: 128174
Ion Ratio Lower Upper
95 100
174 69.6 0.0 159.2
176 66.6 0.0 147.6

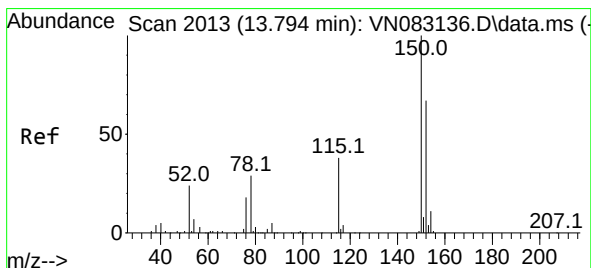
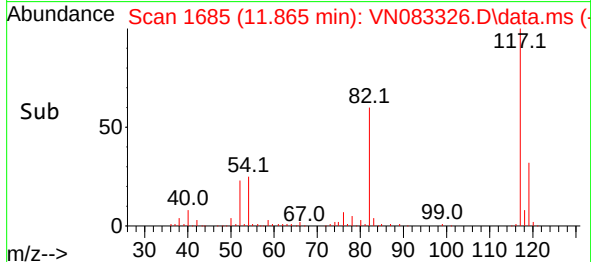
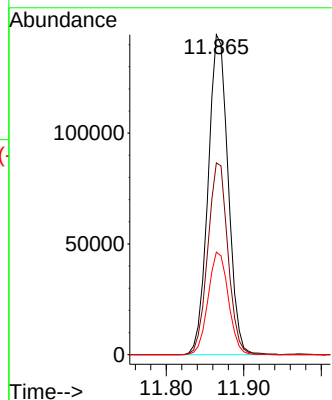
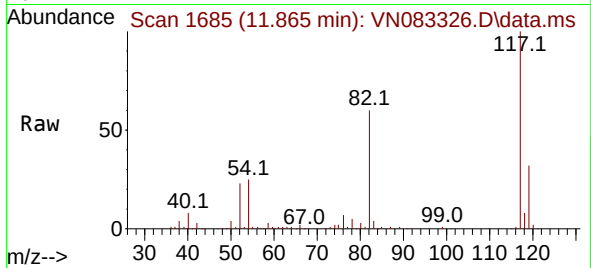




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083326.D
Acq: 15 Aug 2024 13:10

Instrument :
MSVOA_N
ClientSampleId :
TB

Tgt Ion:117 Resp: 258981
Ion Ratio Lower Upper
117 100
82 59.9 47.5 71.3
119 32.0 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: VN083326.D
Acq: 15 Aug 2024 13:10

Tgt Ion:152 Resp: 114574
Ion Ratio Lower Upper
152 100
115 64.9 30.6 91.6
150 158.6 0.0 348.6

