

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
 Data File : VN081892.D
 Acq On : 26 Apr 2024 20:54
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 26 23:08:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	222096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	415340	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	363799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143761	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	158780	42.359	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.720%
35) Dibromofluoromethane	8.165	113	118081	47.219	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.440%
50) Toluene-d8	10.571	98	505818	51.502	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.000%
62) 4-Bromofluorobenzene	12.847	95	177058	45.605	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	91.200%

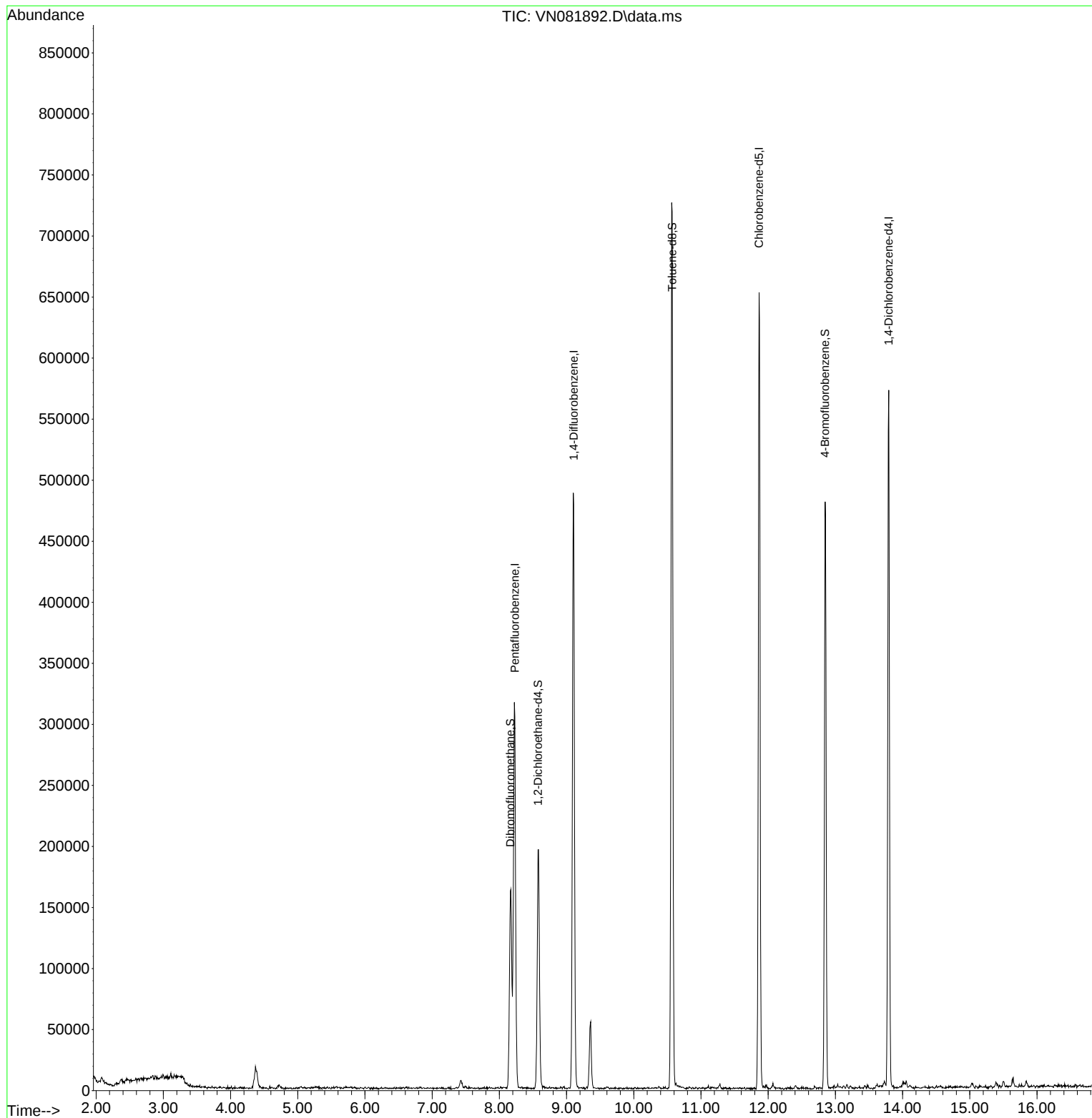
Target Compounds	Qvalue

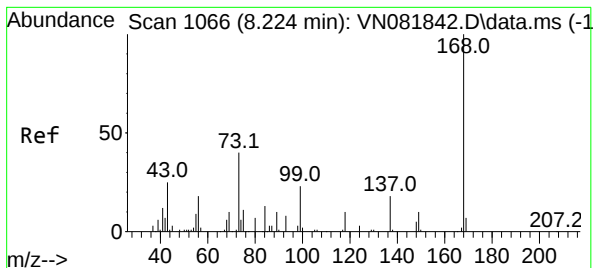
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VN081892.D

Acq: 26 Apr 2024 20:54

Instrument :

MSVOA_N

ClientSampleId :

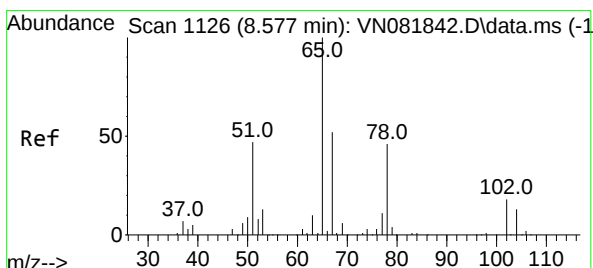
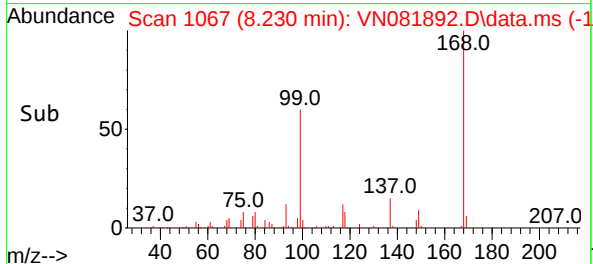
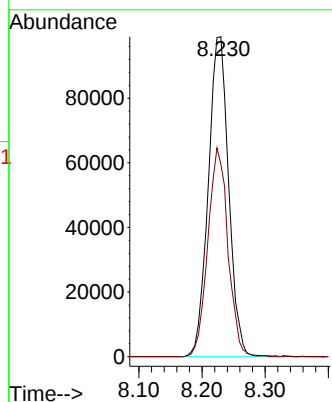
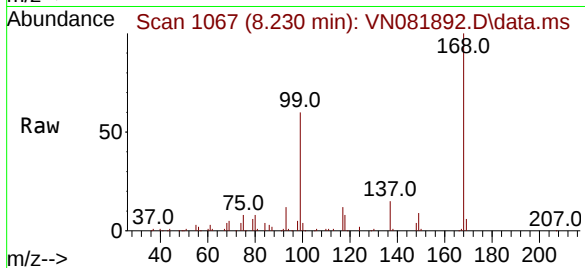
IBLK

Tgt Ion:168 Resp: 222096

Ion Ratio Lower Upper

168 100

99 60.1 48.2 72.4



#33

1,2-Dichloroethane-d4

Concen: 42.359 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081892.D

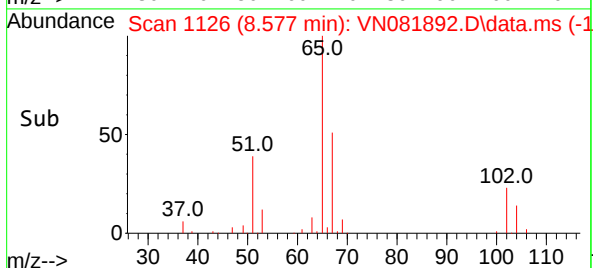
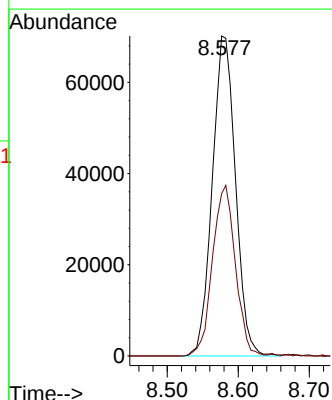
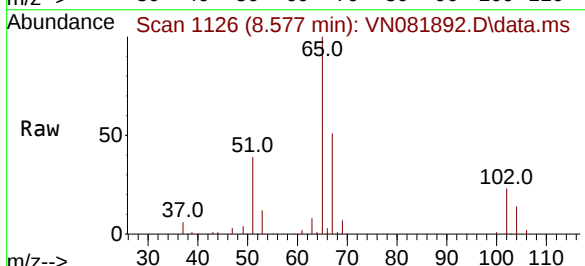
Acq: 26 Apr 2024 20:54

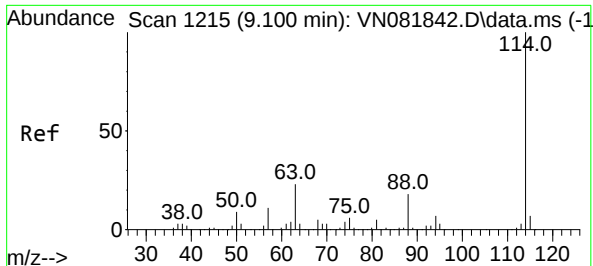
Tgt Ion: 65 Resp: 158780

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081892.D

Acq: 26 Apr 2024 20:54

Instrument :

MSVOA_N

ClientSampleId :

IBLK

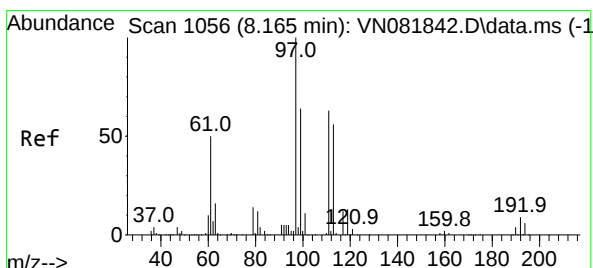
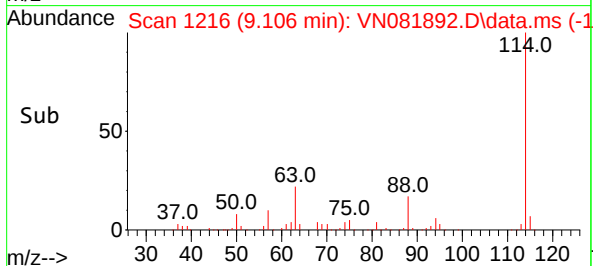
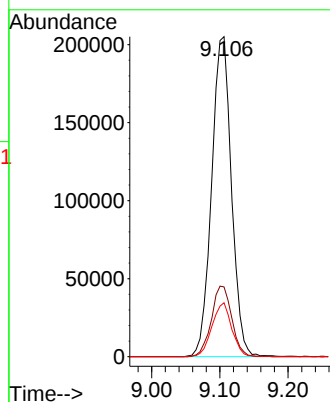
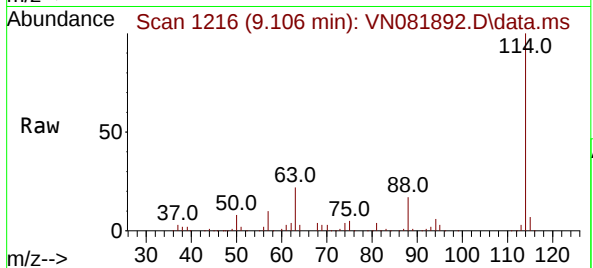
Tgt Ion:114 Resp: 415340

Ion Ratio Lower Upper

114 100

63 21.8 0.0 41.0

88 16.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 47.219 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081892.D

Acq: 26 Apr 2024 20:54

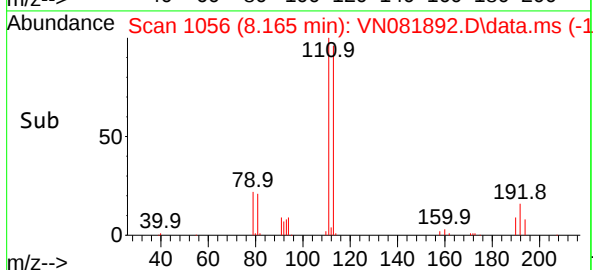
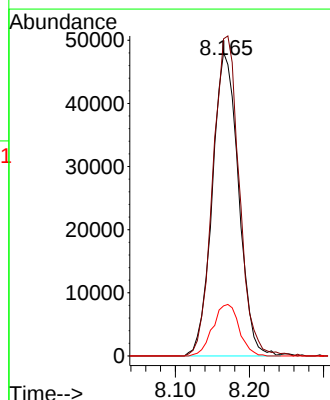
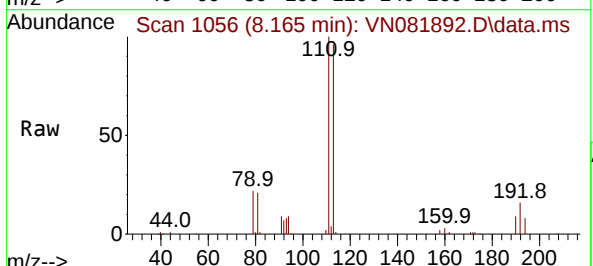
Tgt Ion:113 Resp: 118081

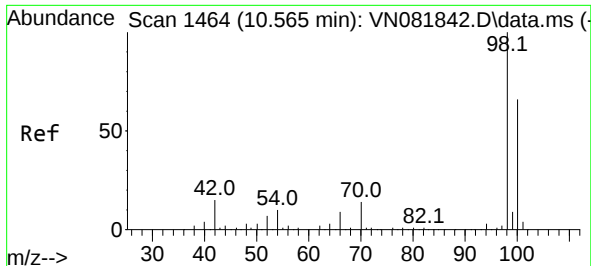
Ion Ratio Lower Upper

113 100

111 105.9 83.4 125.2

192 17.1 14.0 21.0

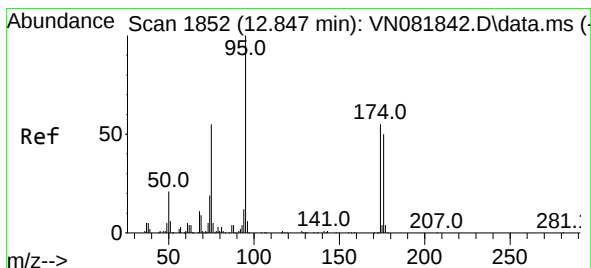
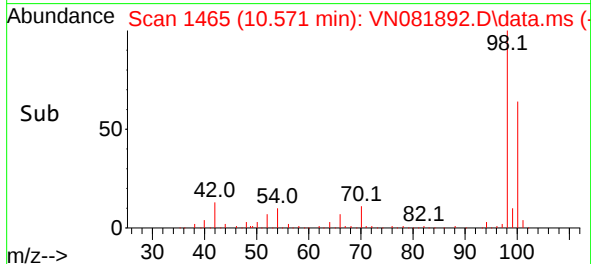
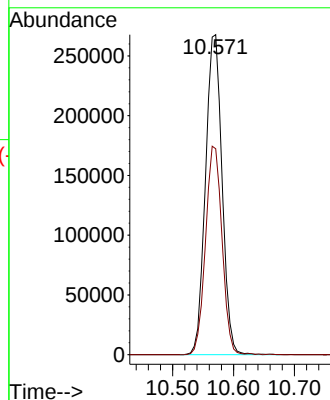
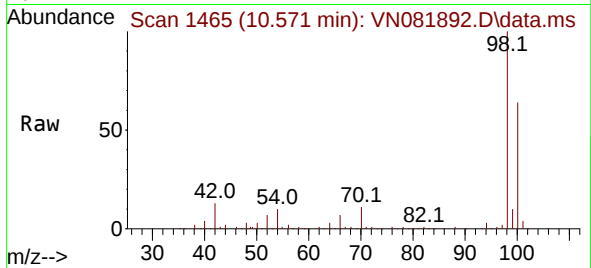




#50
Toluene-d8
Concen: 51.502 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081892.D
Acq: 26 Apr 2024 20:54

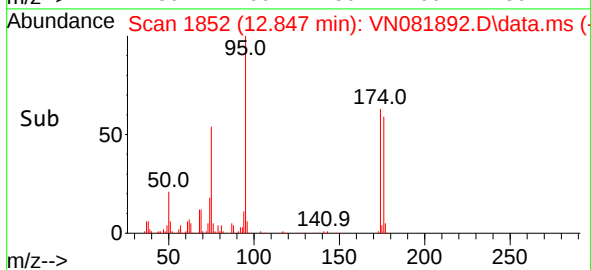
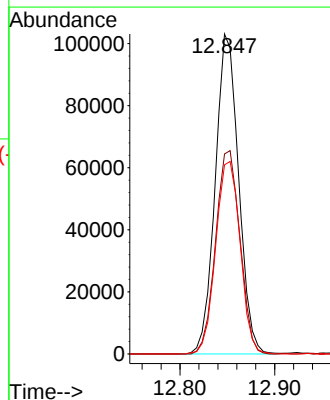
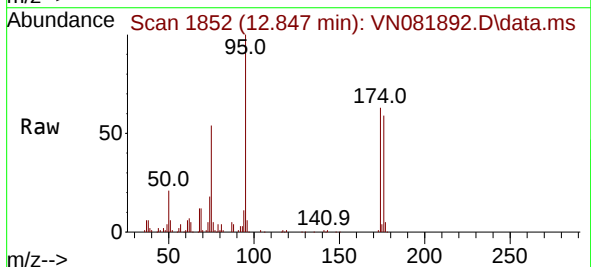
Instrument :
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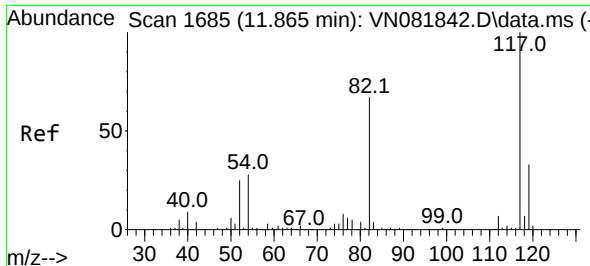
Tgt Ion: 98 Resp: 505818
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 45.605 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081892.D
Acq: 26 Apr 2024 20:54

Tgt Ion: 95 Resp: 177058
Ion Ratio Lower Upper
95 100
174 66.0 0.0 160.6
176 62.8 0.0 152.8

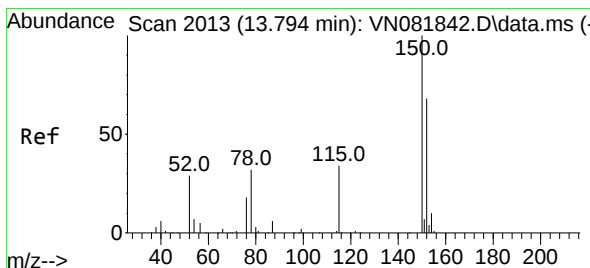
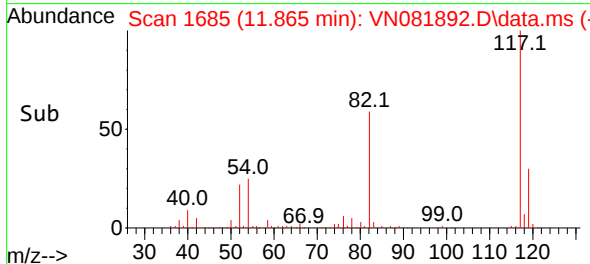
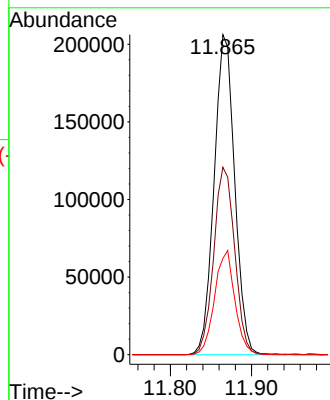
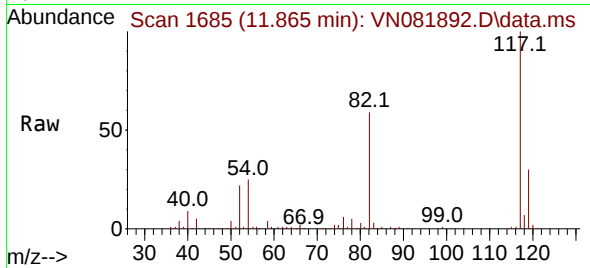




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081892.D
Acq: 26 Apr 2024 20:54

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 363799
Ion Ratio Lower Upper
117 100
82 58.6 44.6 66.8
119 30.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081892.D
Acq: 26 Apr 2024 20:54

Tgt Ion:152 Resp: 143761
Ion Ratio Lower Upper
152 100
115 64.5 30.4 91.3
150 161.4 0.0 353.2

