

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101722\
 Data File : VN074923.D
 Acq On : 17 Oct 2022 18:08
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 18 03:05:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 17 16:03:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	265028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	506857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	522297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	215443	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	389581	55.726	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.460%
35) Dibromofluoromethane	8.177	113	309604	54.329	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.660%
50) Toluene-d8	10.571	98	1146466	48.515	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.020%
62) 4-Bromofluorobenzene	12.847	95	272437	39.682	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	79.360%#

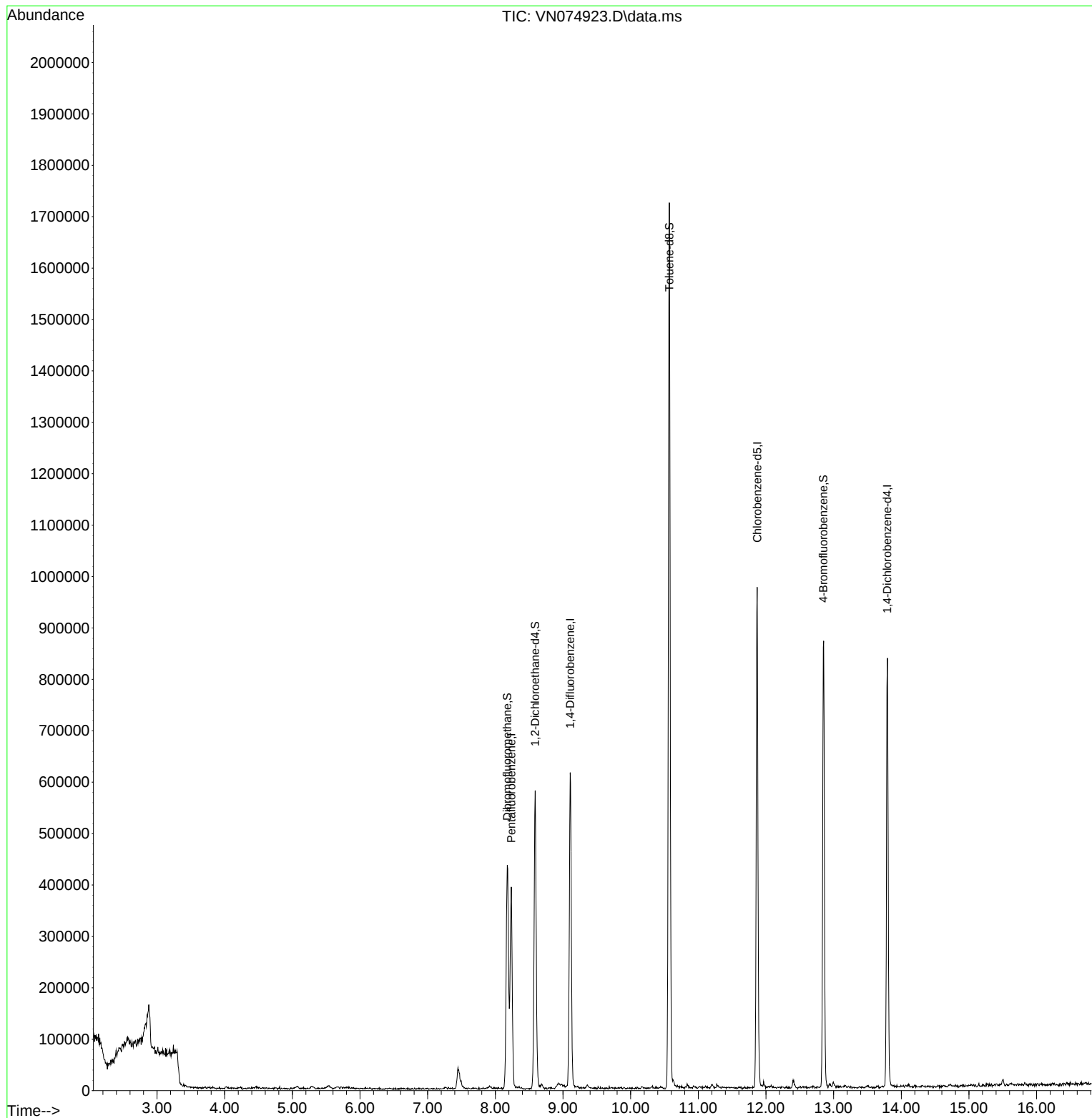
Target Compounds	Qvalue

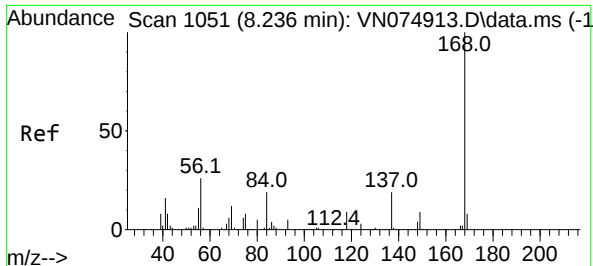
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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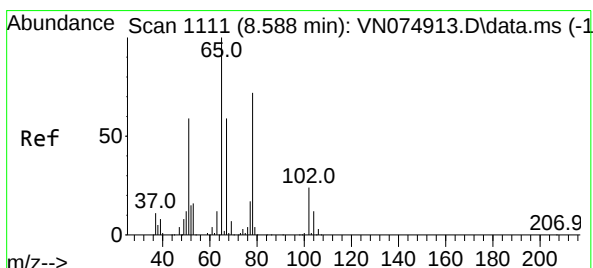
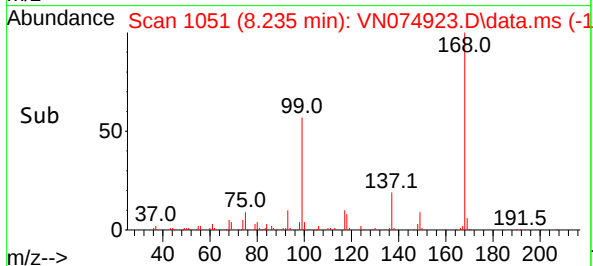
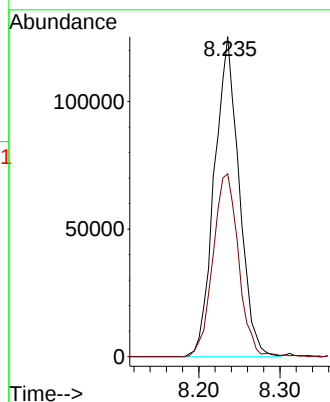
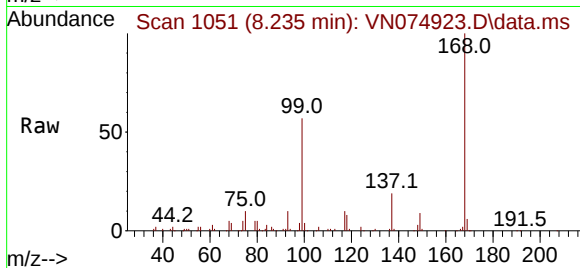




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.001 min
Lab File: VN074923.D
Acq: 17 Oct 2022 18:08

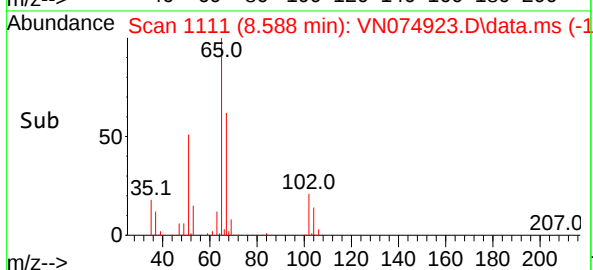
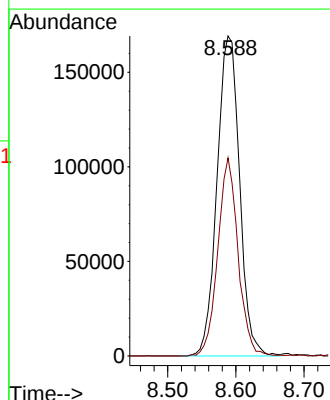
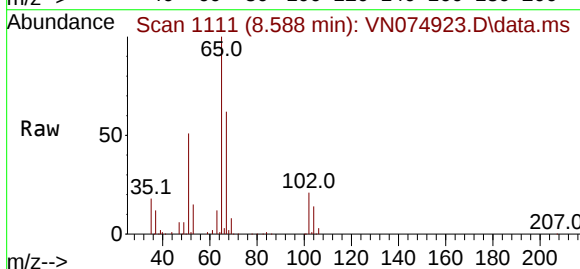
Instrument :
MSVOA_N
ClientSampleId :
IBLK

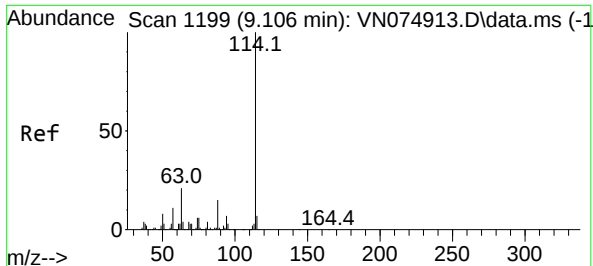
Tgt Ion:168 Resp: 265028
Ion Ratio Lower Upper
168 100
99 57.2 47.6 71.4



#33
1,2-Dichloroethane-d4
Concen: 55.726 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074923.D
Acq: 17 Oct 2022 18:08

Tgt Ion: 65 Resp: 389581
Ion Ratio Lower Upper
65 100
67 55.7 0.0 108.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074923.D

Acq: 17 Oct 2022 18:08

Instrument :

MSVOA_N

ClientSampleId :

IBLK

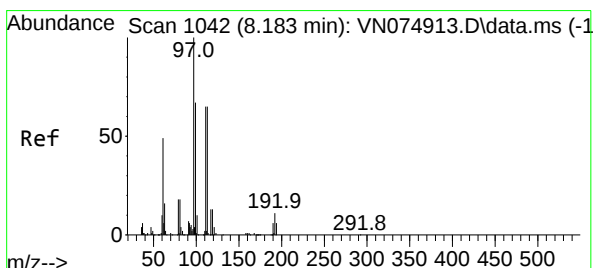
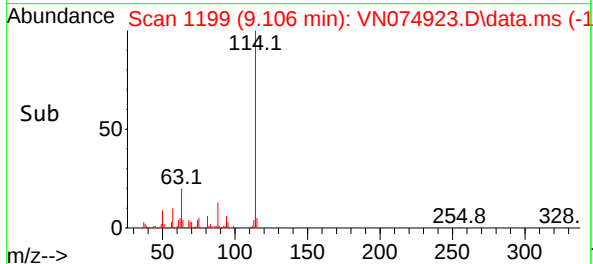
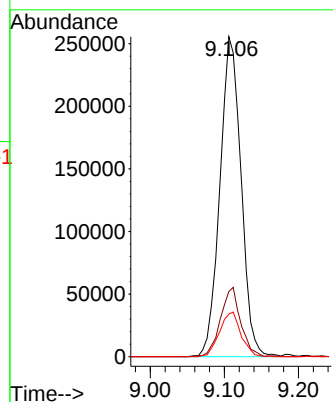
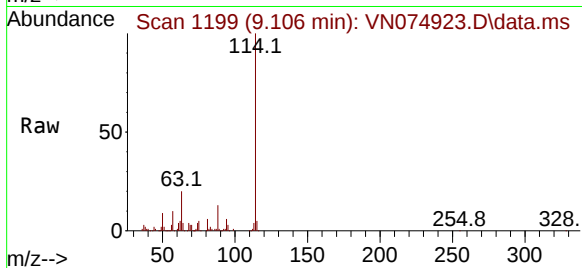
Tgt Ion:114 Resp: 506857

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.2

88 13.3 0.0 30.2



#35

Dibromofluoromethane

Concen: 54.329 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VN074923.D

Acq: 17 Oct 2022 18:08

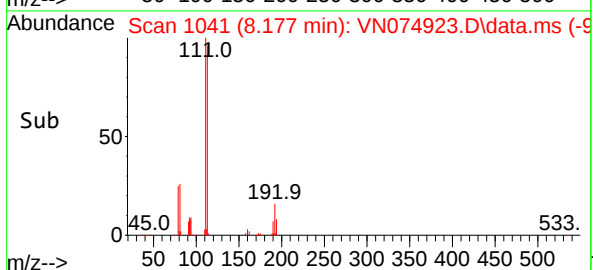
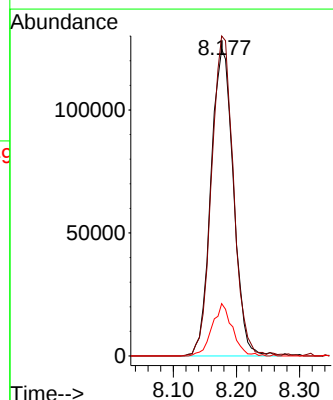
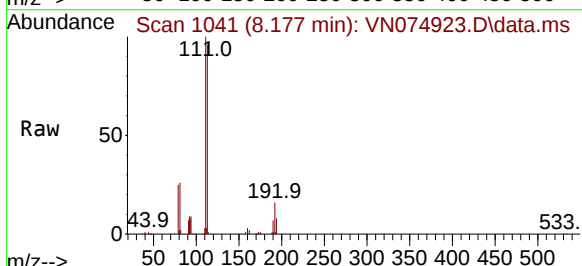
Tgt Ion:113 Resp: 309604

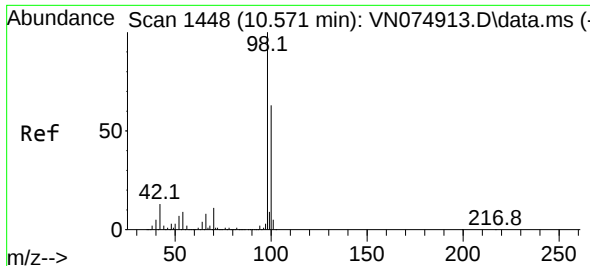
Ion Ratio Lower Upper

113 100

111 101.0 82.9 124.3

192 15.4 14.2 21.2

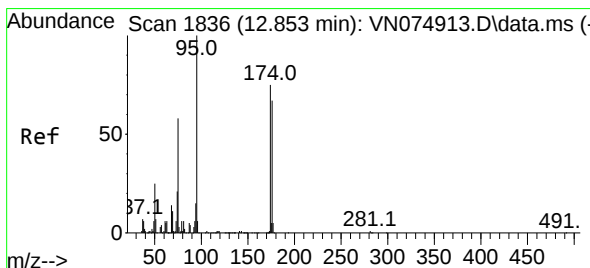
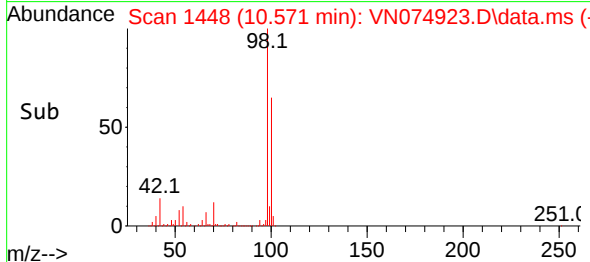
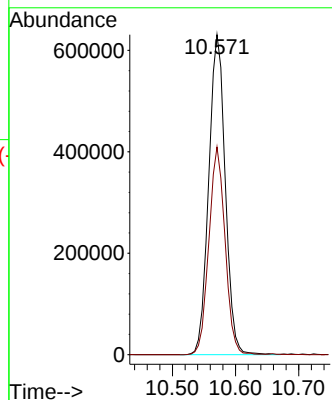
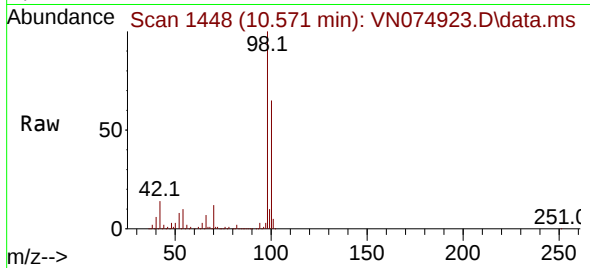




#50
Toluene-d8
Concen: 48.515 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074923.D
Acq: 17 Oct 2022 18:08

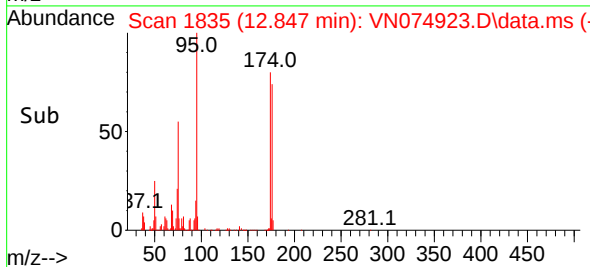
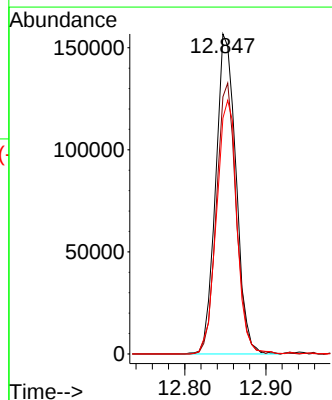
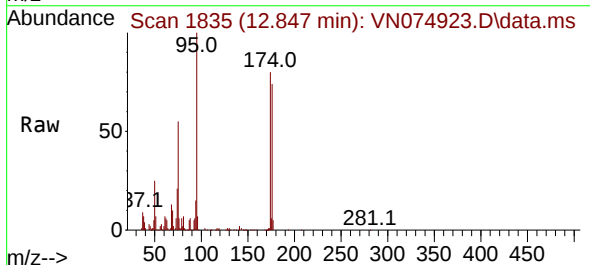
Instrument :
MSVOA_N
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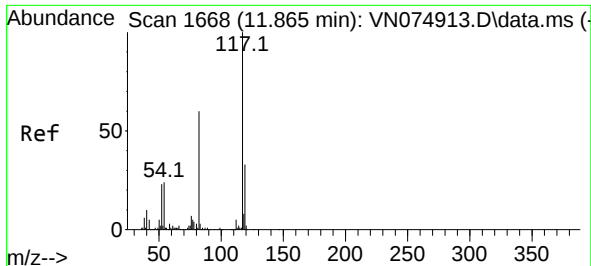
Tgt Ion: 98 Resp: 1146466
Ion Ratio Lower Upper
98 100
100 63.5 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 39.682 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN074923.D
Acq: 17 Oct 2022 18:08

Tgt Ion: 95 Resp: 272437
Ion Ratio Lower Upper
95 100
174 82.4 0.0 157.8
176 79.7 0.0 148.0

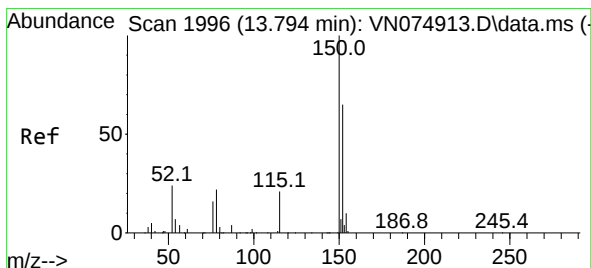
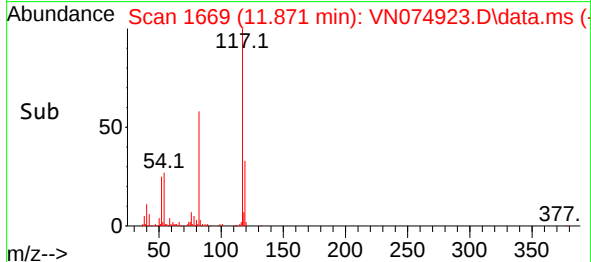
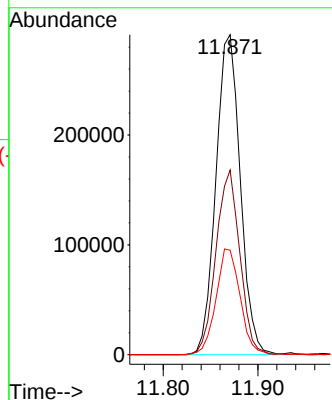
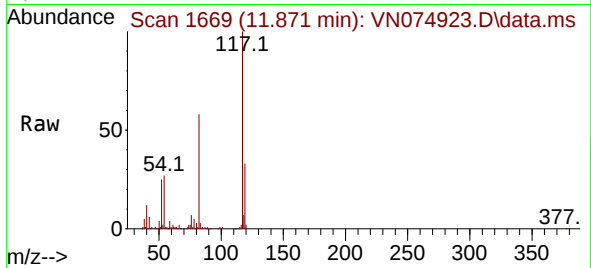




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN074923.D
Acq: 17 Oct 2022 18:08

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 522297
Ion Ratio Lower Upper
117 100
82 57.7 48.0 72.0
119 32.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074923.D
Acq: 17 Oct 2022 18:08

Tgt Ion:152 Resp: 215443
Ion Ratio Lower Upper
152 100
115 58.8 29.7 89.1
150 154.9 0.0 341.6

