

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070122\
 Data File : VN073293.D
 Acq On : 01 Jul 2022 13:33
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: Jul 04 05:04:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	321736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	526411	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.681	117	491588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	249069	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	197011	42.417	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.840%
35) Dibromofluoromethane	7.951	113	166970	47.675	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.340%
50) Toluene-d8	10.381	98	559555	44.984	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.960%
62) 4-Bromofluorobenzene	12.669	95	250852	52.477	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.960%

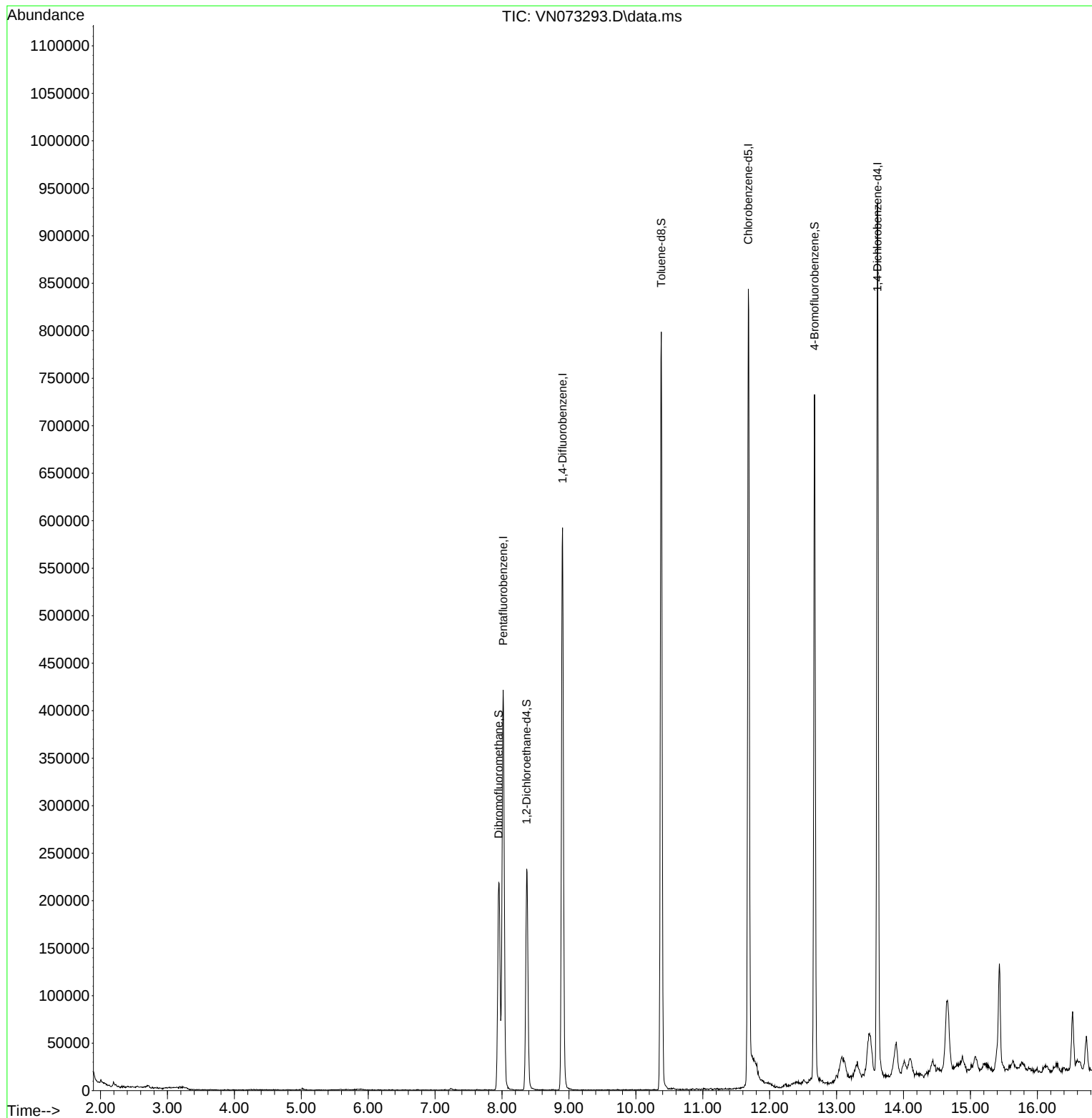
Target Compounds	Qvalue

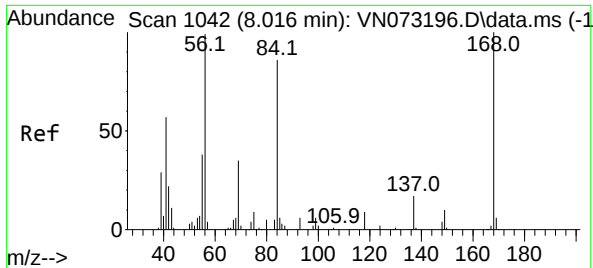
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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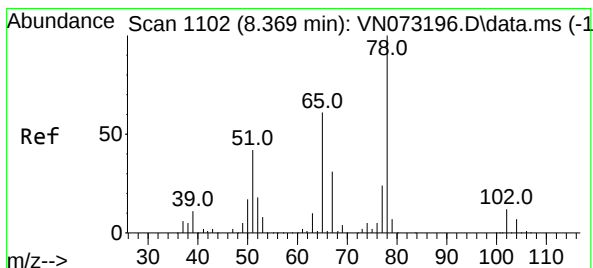
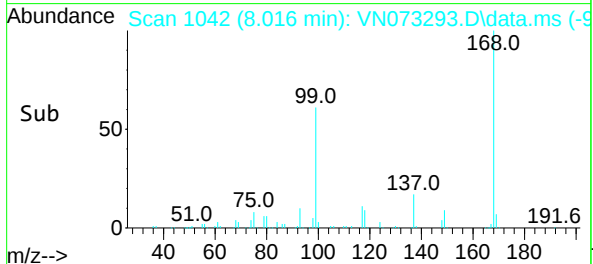
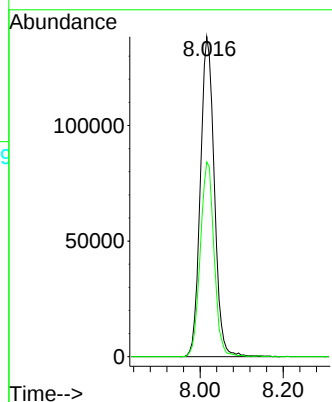
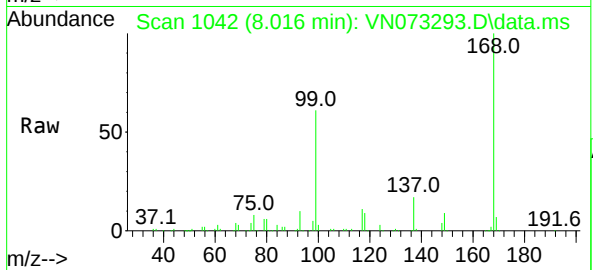




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN073293.D
Acq: 01 Jul 2022 13:33

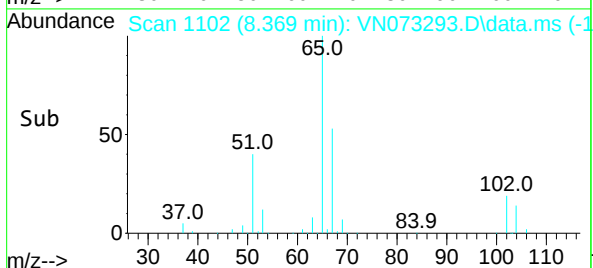
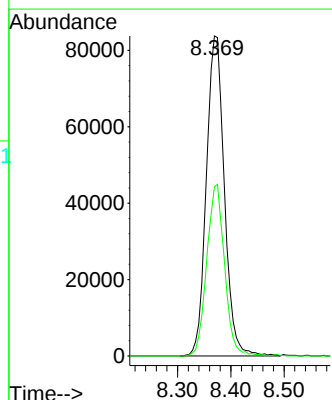
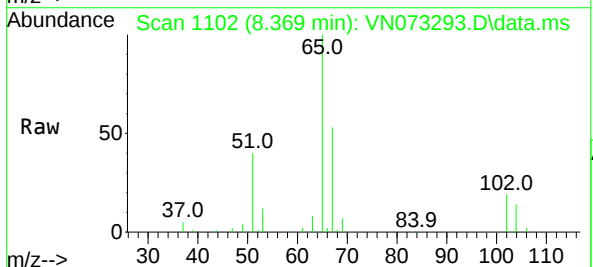
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

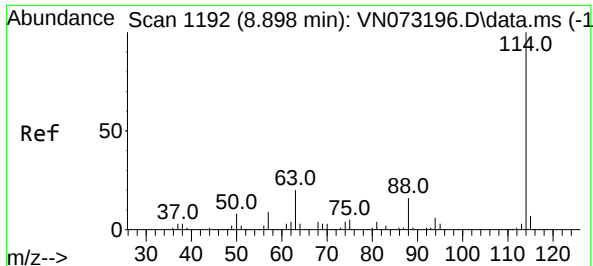
Tgt Ion:168 Resp: 321736
Ion Ratio Lower Upper
168 100
99 60.9 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 42.417 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073293.D
Acq: 01 Jul 2022 13:33

Tgt Ion: 65 Resp: 197011
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073293.D

Acq: 01 Jul 2022 13:33

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

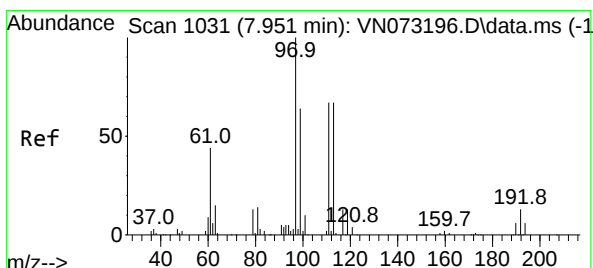
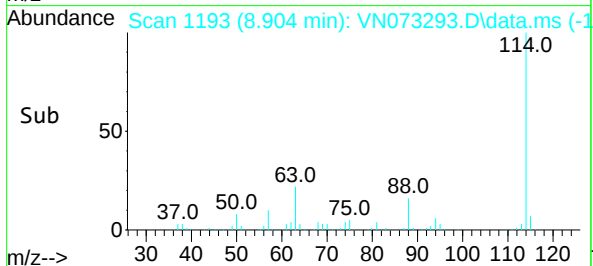
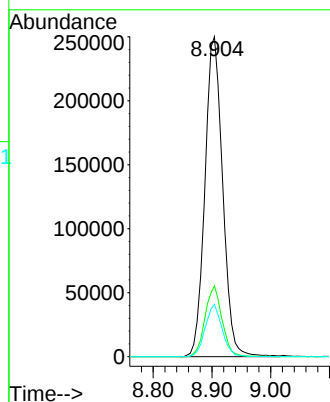
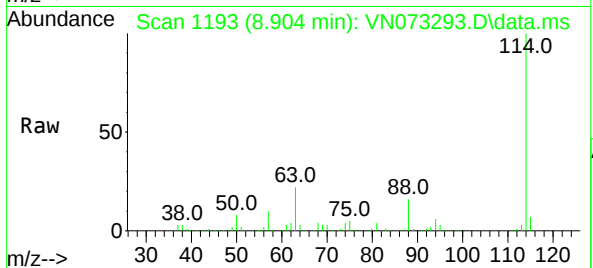
Tgt Ion:114 Resp: 526411

Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.0

88 16.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.675 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073293.D

Acq: 01 Jul 2022 13:33

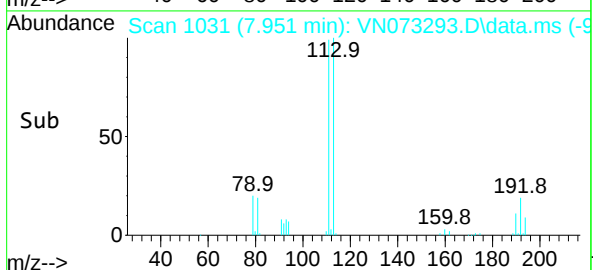
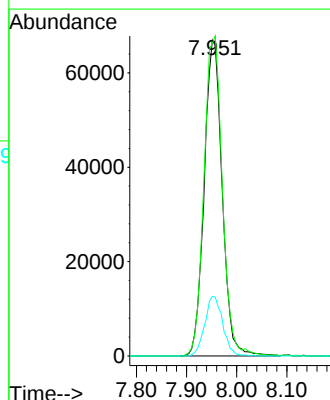
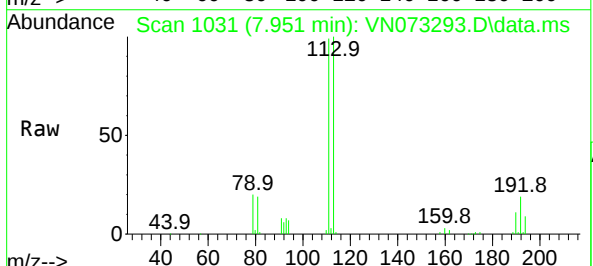
Tgt Ion:113 Resp: 166970

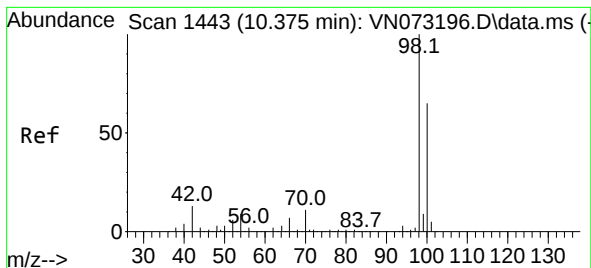
Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

192 18.8 17.0 25.6





#50

Toluene-d8

Concen: 44.984 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.006 min

Lab File: VN073293.D

Acq: 01 Jul 2022 13:33

Instrument :

MSVOA_N

ClientSampleId :

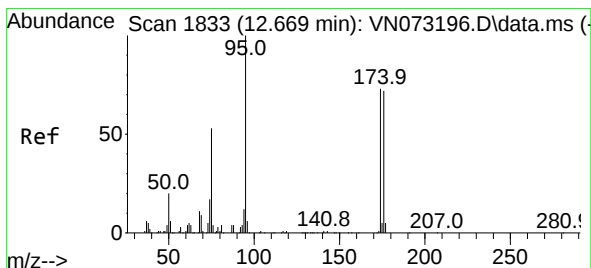
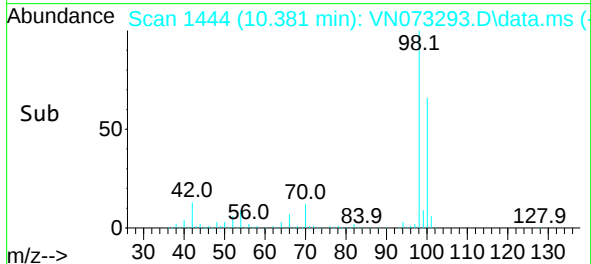
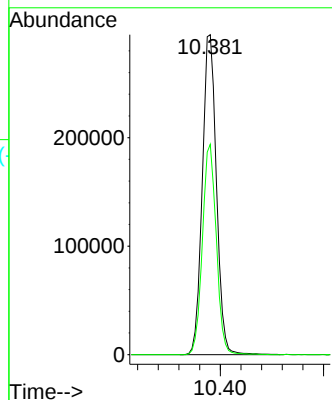
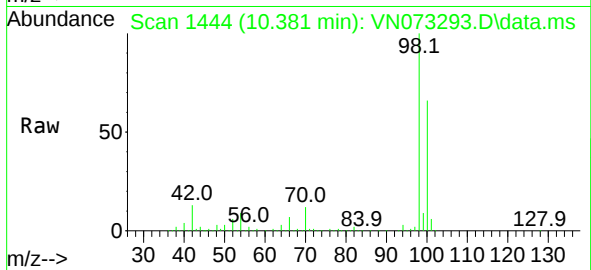
VIBLK

Tgt Ion: 98 Resp: 559555

Ion Ratio Lower Upper

98 100

100 64.6 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 52.477 ug/l

RT: 12.669 min Scan# 1833

Delta R.T. -0.000 min

Lab File: VN073293.D

Acq: 01 Jul 2022 13:33

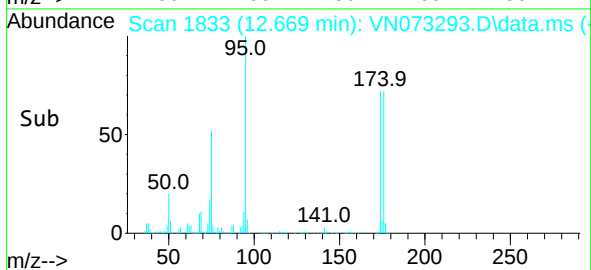
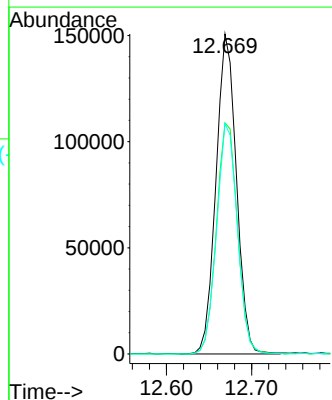
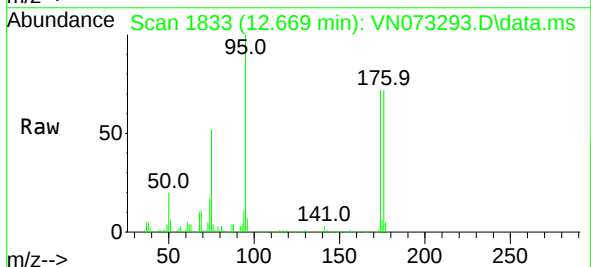
Tgt Ion: 95 Resp: 250852

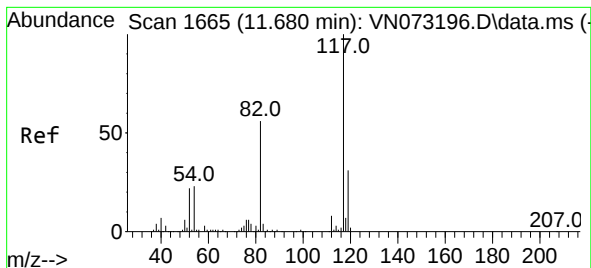
Ion Ratio Lower Upper

95 100

174 74.4 0.0 167.6

176 73.2 0.0 163.4

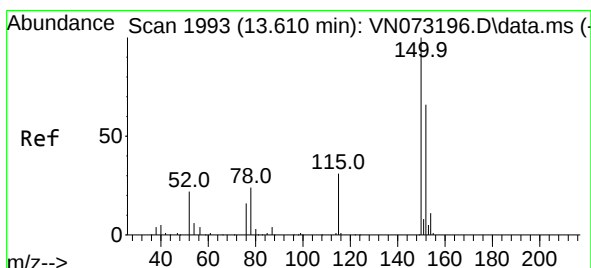
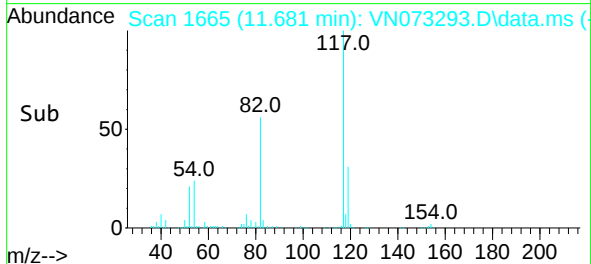
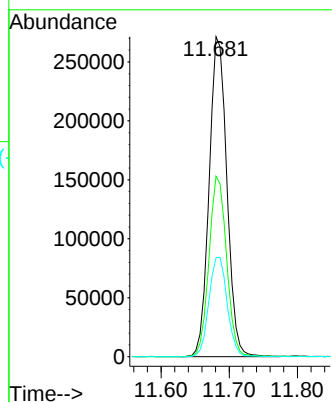
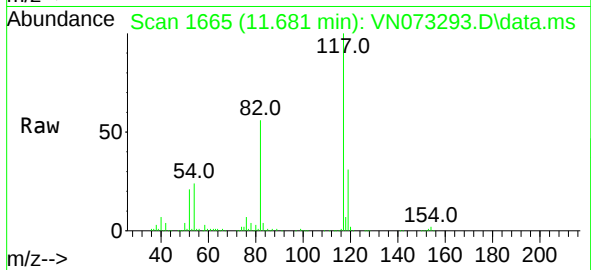




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.681 min Scan# 11665
Delta R.T. 0.001 min
Lab File: VN073293.D
Acq: 01 Jul 2022 13:33

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 491588
Ion Ratio Lower Upper
117 100
82 56.3 44.2 66.2
119 30.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073293.D
Acq: 01 Jul 2022 13:33

Tgt Ion:152 Resp: 249069
Ion Ratio Lower Upper
152 100
115 59.5 28.9 86.7
150 152.7 0.0 356.2

