

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
 Data File : VN073892.D
 Acq On : 15 Aug 2022 12:28
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Aug 15 23:56:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 15 23:50:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	632321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	895513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	818908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	419637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	286544	46.526	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.060%
35) Dibromofluoromethane	7.951	113	282053	53.258	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.520%
50) Toluene-d8	10.381	98	918532	44.783	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.560%
62) 4-Bromofluorobenzene	12.669	95	361415	53.093	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.180%

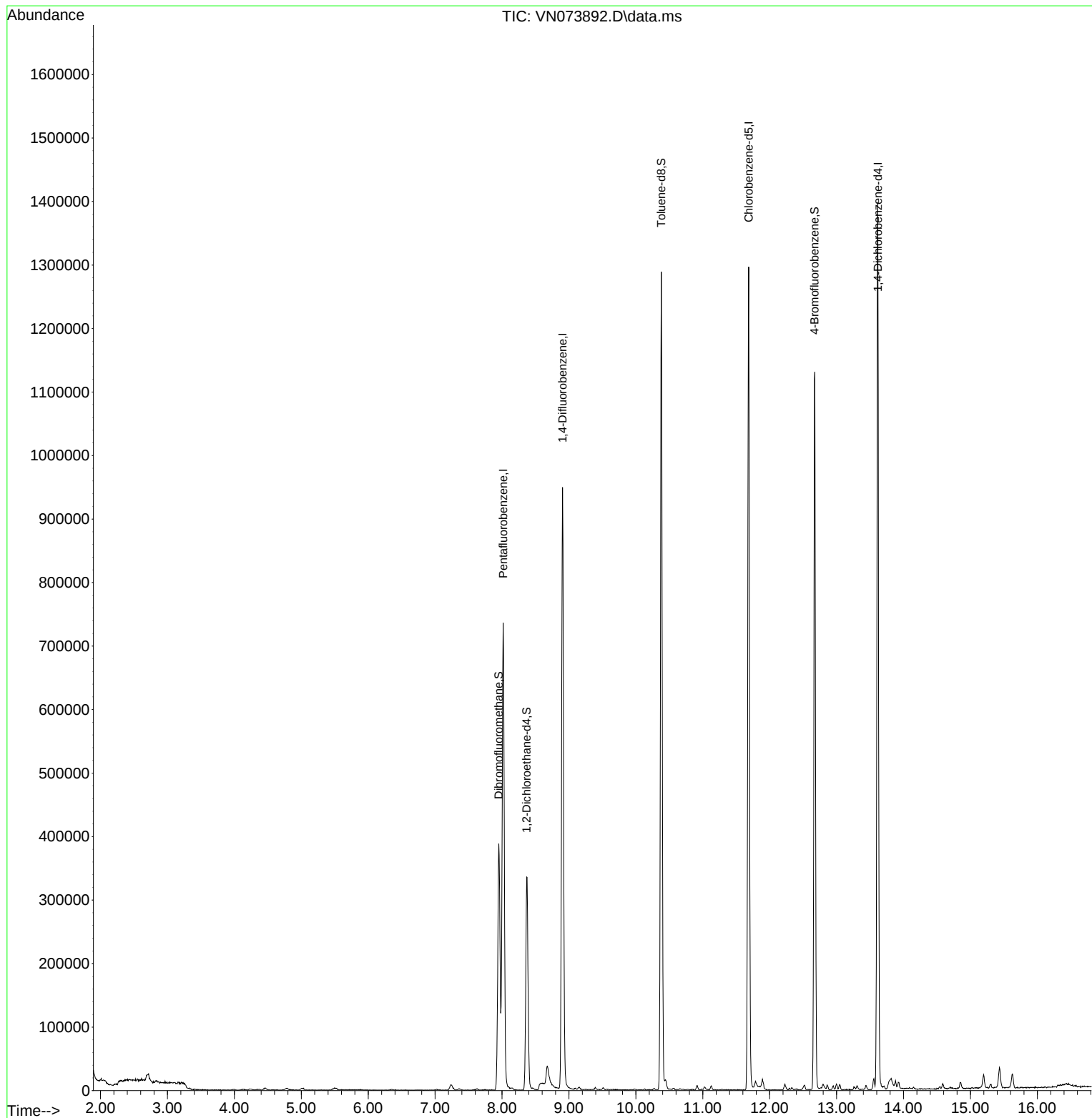
Target Compounds	Qvalue

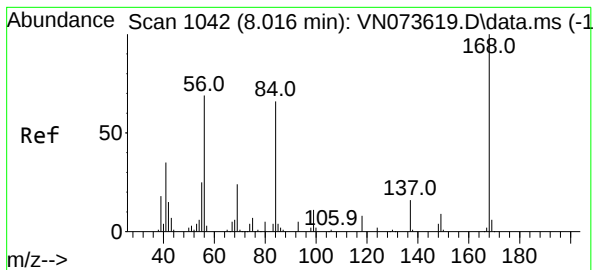
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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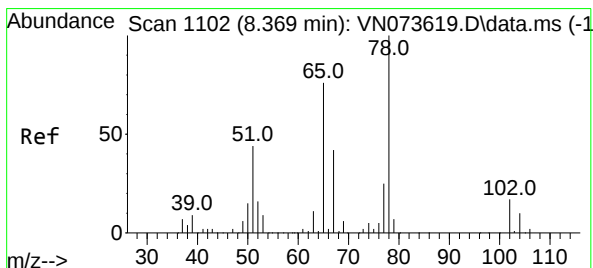
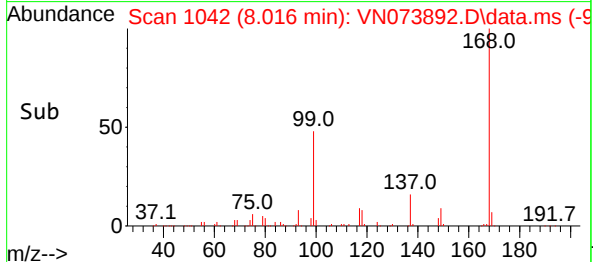
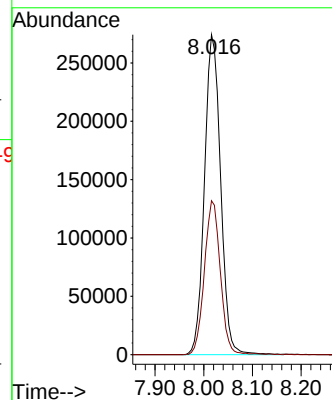
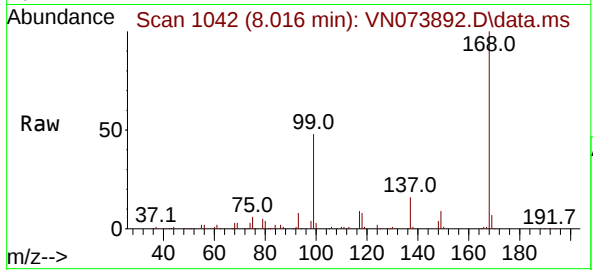




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073892.D
Acq: 15 Aug 2022 12:28

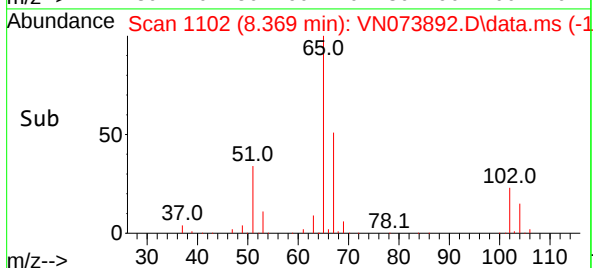
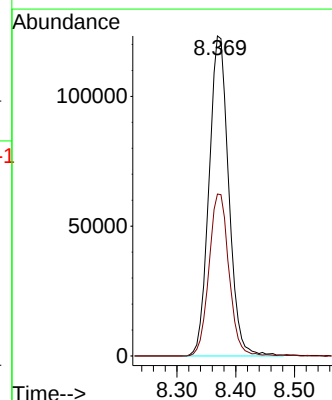
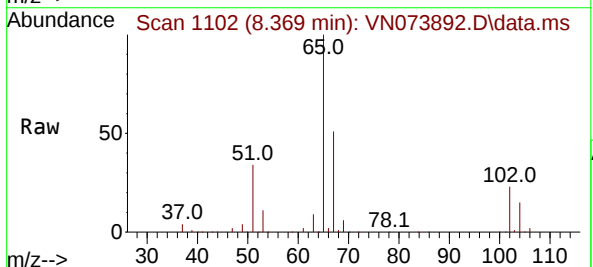
Instrument :
MSVOA_N
ClientSampleId :
IBLK

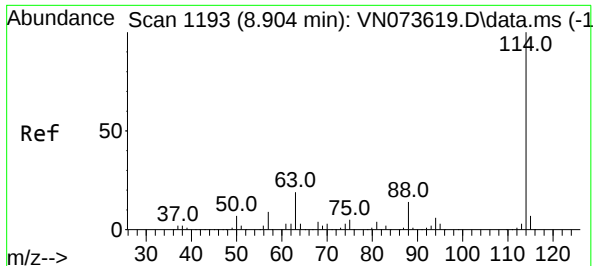
Tgt Ion:168 Resp: 632321
Ion Ratio Lower Upper
168 100
99 48.1 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 46.526 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073892.D
Acq: 15 Aug 2022 12:28

Tgt Ion: 65 Resp: 286544
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073892.D

Acq: 15 Aug 2022 12:28

Instrument :

MSVOA_N

ClientSampleId :

IBLK

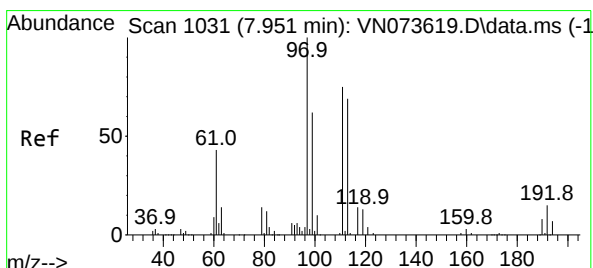
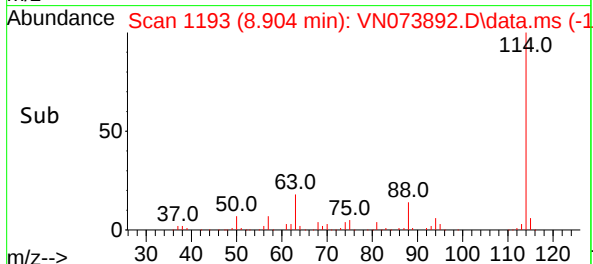
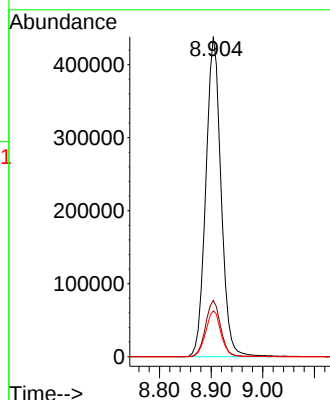
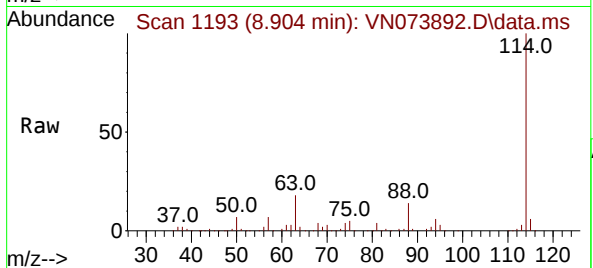
Tgt Ion:114 Resp: 895513

Ion Ratio Lower Upper

114 100

63 17.6 0.0 40.0

88 14.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.258 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073892.D

Acq: 15 Aug 2022 12:28

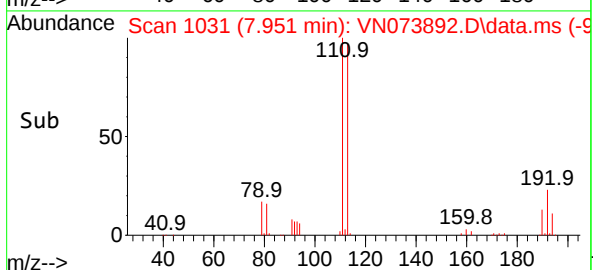
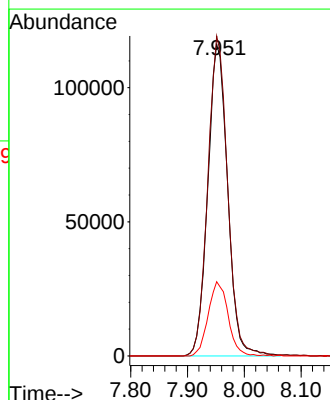
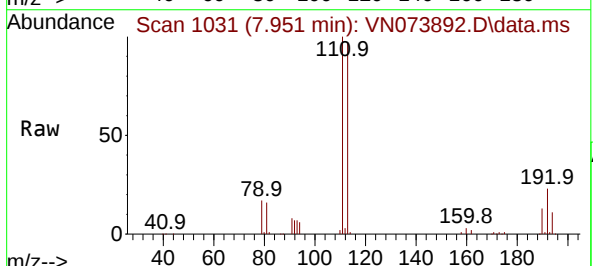
Tgt Ion:113 Resp: 282053

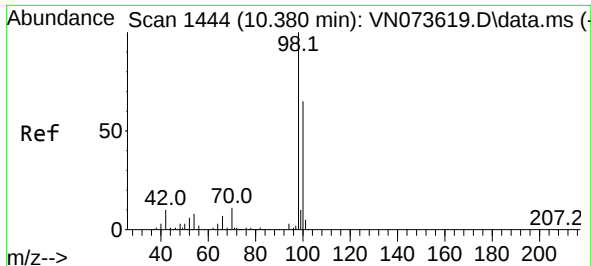
Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 23.8 17.0 25.6

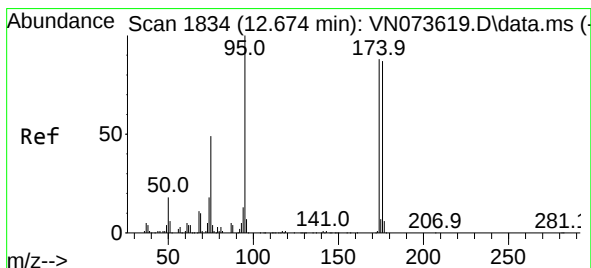
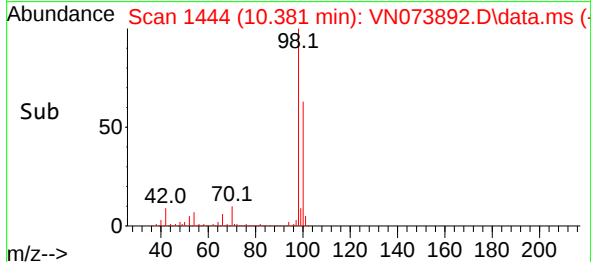
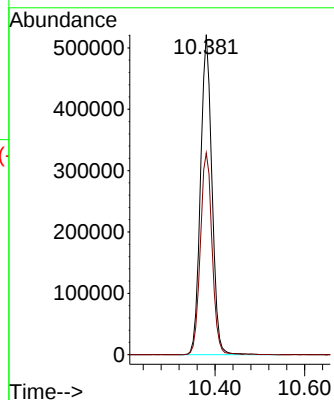
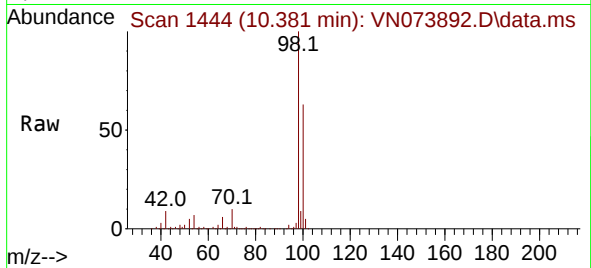




#50
Toluene-d8
Concen: 44.783 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073892.D
Acq: 15 Aug 2022 12:28

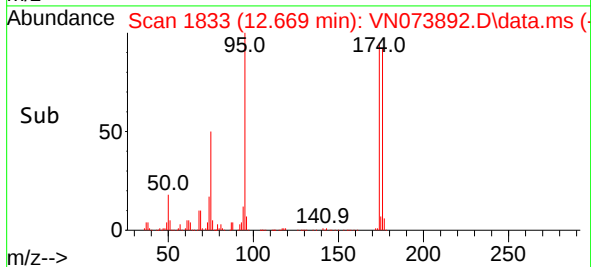
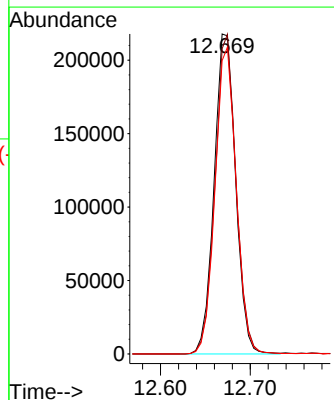
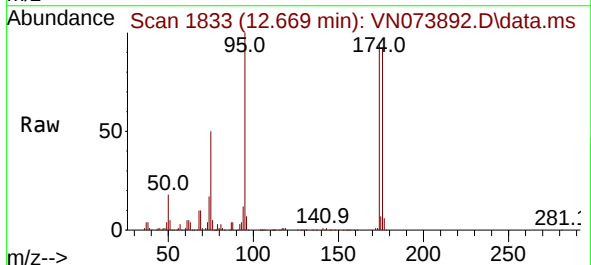
Instrument :
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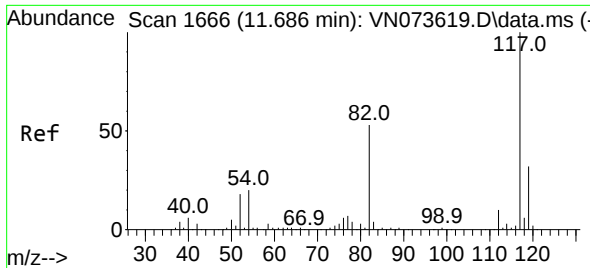
Tgt Ion: 98 Resp: 918532
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 53.093 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN073892.D
Acq: 15 Aug 2022 12:28

Tgt Ion: 95 Resp: 361415
Ion Ratio Lower Upper
95 100
174 98.0 0.0 167.6
176 94.6 0.0 163.4

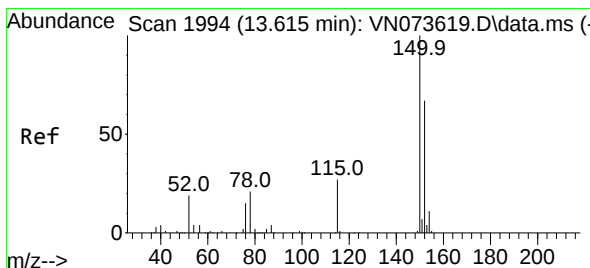
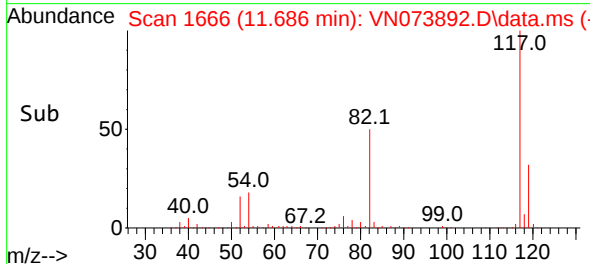
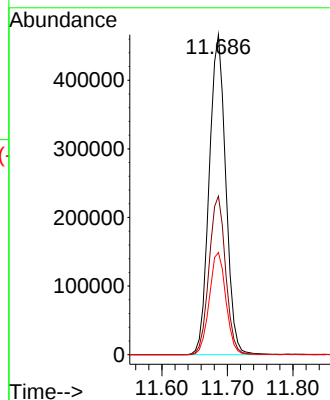
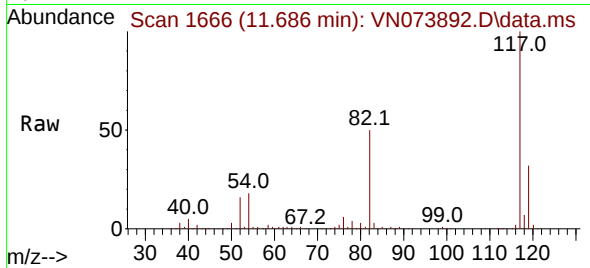




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073892.D
Acq: 15 Aug 2022 12:28

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 818908
Ion Ratio Lower Upper
117 100
82 49.6 44.2 66.2
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073892.D
Acq: 15 Aug 2022 12:28

Tgt Ion:152 Resp: 419637
Ion Ratio Lower Upper
152 100
115 53.4 28.9 86.7
150 155.8 0.0 356.2

