

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062722\
 Data File : VN073151.D
 Acq On : 27 Jun 2022 10:34
 Operator : JC\MD
 Sample : VN0627WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBL01

Quant Time: Jun 28 06:35:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	323875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	521128	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	481657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	241812	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	190308	43.462	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.920%
35) Dibromofluoromethane	7.951	113	164480	51.064	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.120%
50) Toluene-d8	10.375	98	548653	45.776	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.560%
62) 4-Bromofluorobenzene	12.669	95	239441	55.557	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.120%

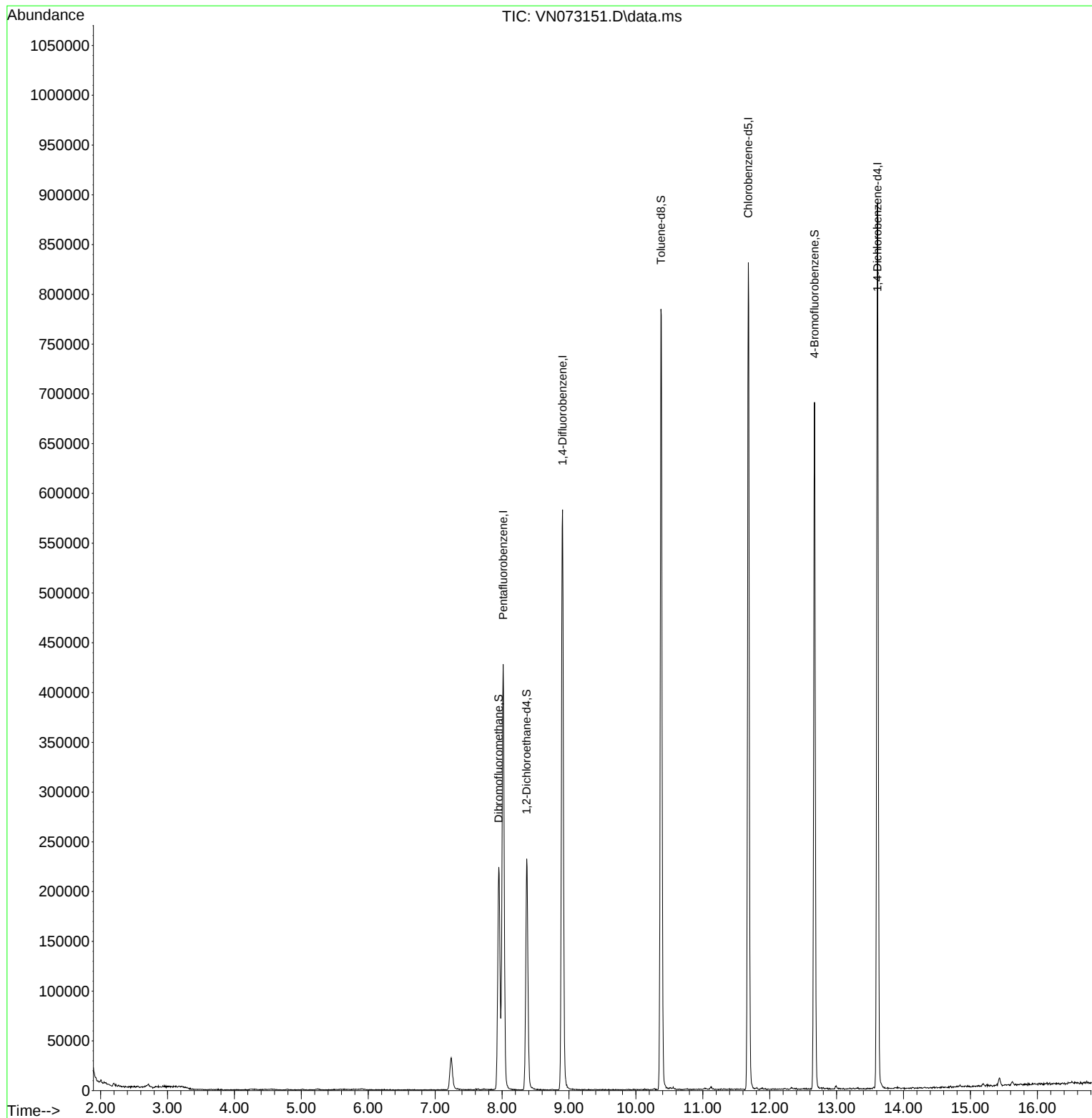
Target Compounds	Qvalue

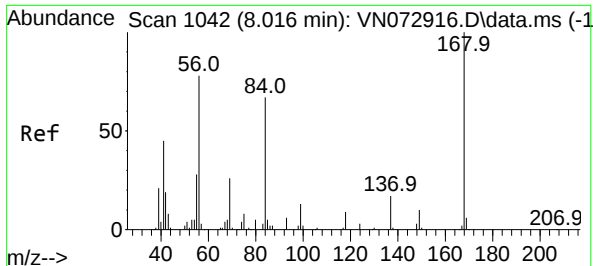
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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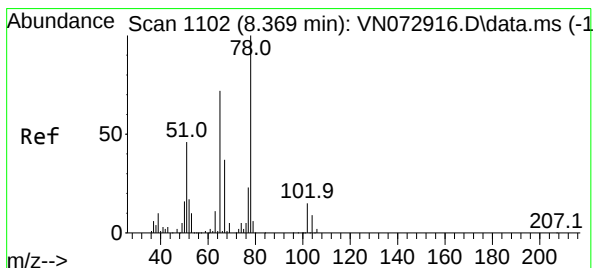
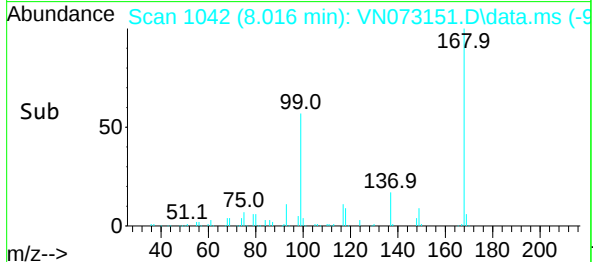
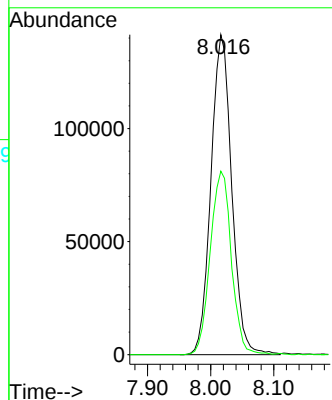
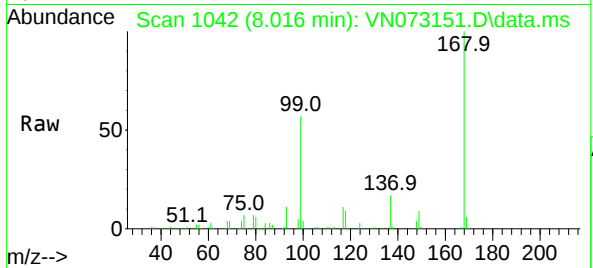




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073151.D
Acq: 27 Jun 2022 10:34

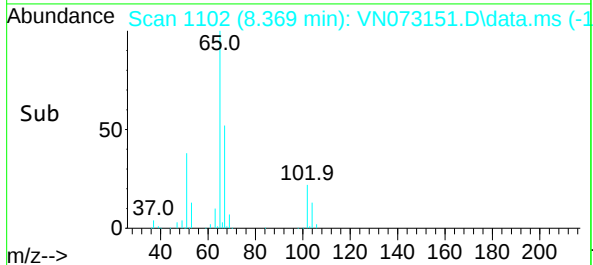
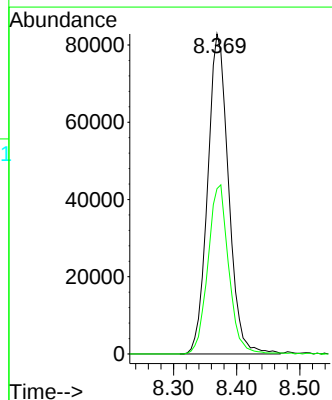
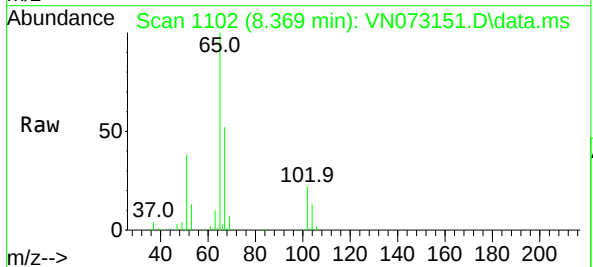
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBL01

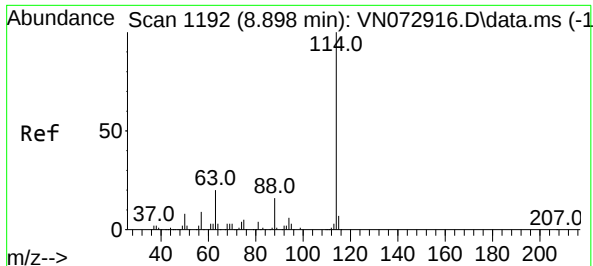
Tgt Ion:168 Resp: 323875
Ion Ratio Lower Upper
168 100
99 57.3 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 43.462 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073151.D
Acq: 27 Jun 2022 10:34

Tgt Ion: 65 Resp: 190308
Ion Ratio Lower Upper
65 100
67 52.7 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: VN073151.D

Acq: 27 Jun 2022 10:34

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBL01

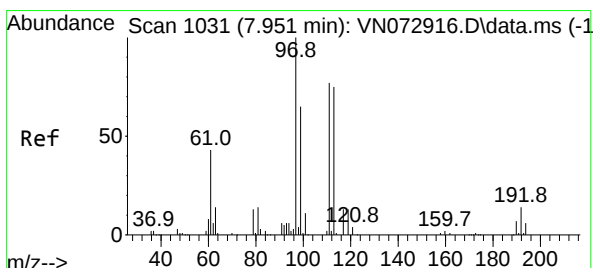
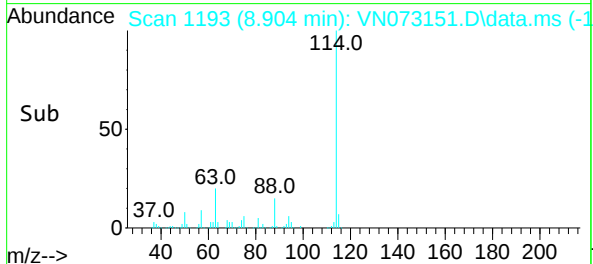
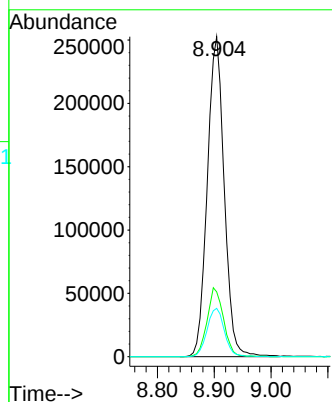
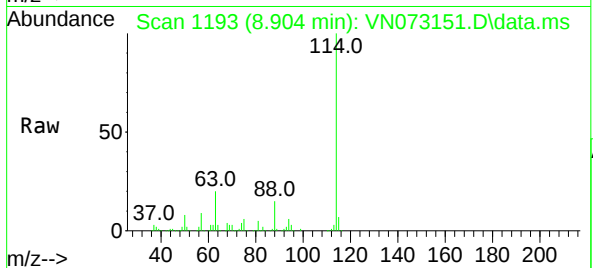
Tgt Ion:114 Resp: 521128

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

88 15.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.064 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073151.D

Acq: 27 Jun 2022 10:34

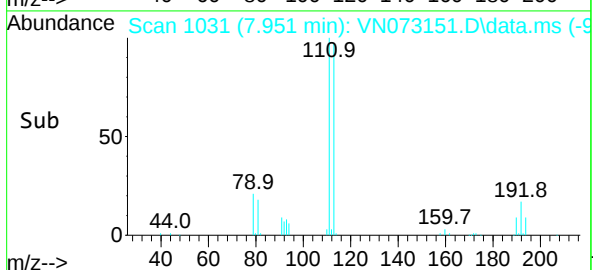
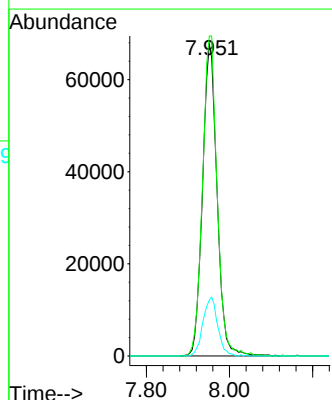
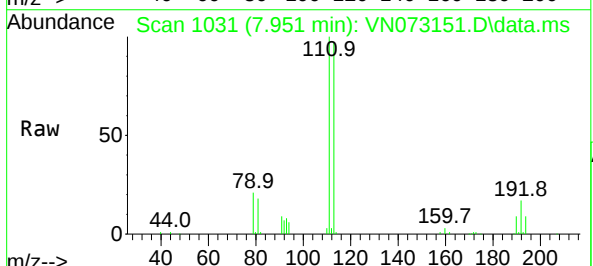
Tgt Ion:113 Resp: 164480

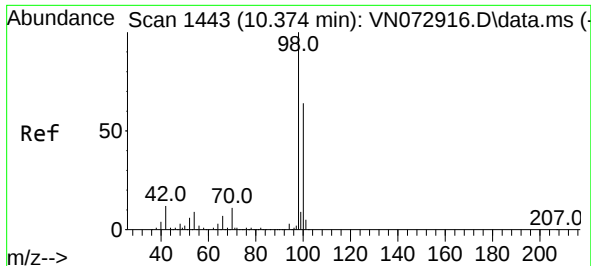
Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

192 19.1 17.0 25.6

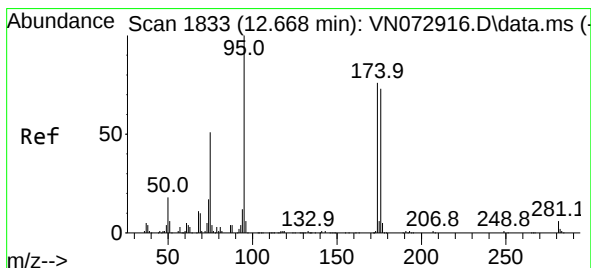
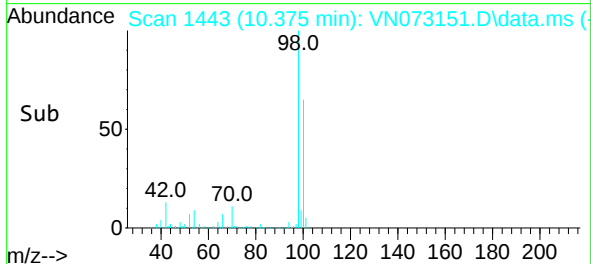
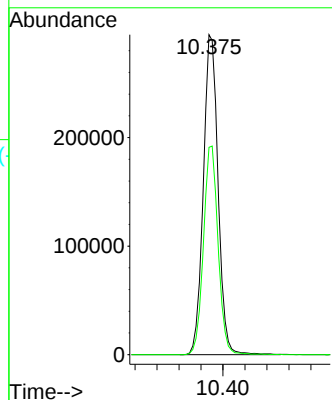
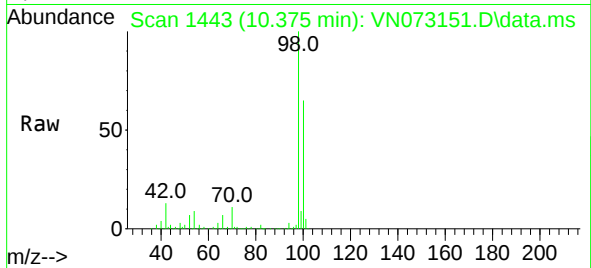




#50
Toluene-d8
Concen: 45.776 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073151.D
Acq: 27 Jun 2022 10:34

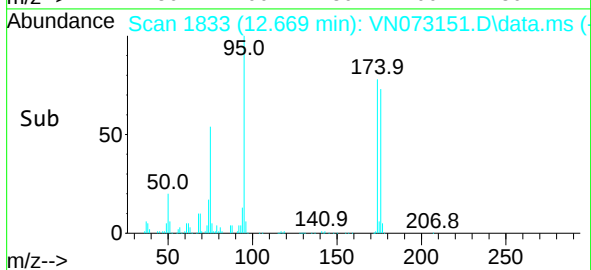
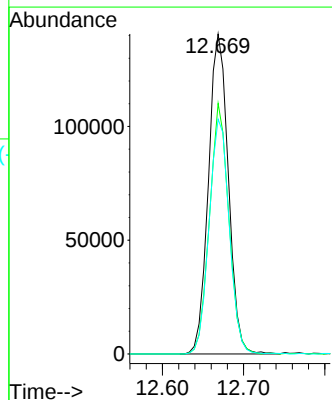
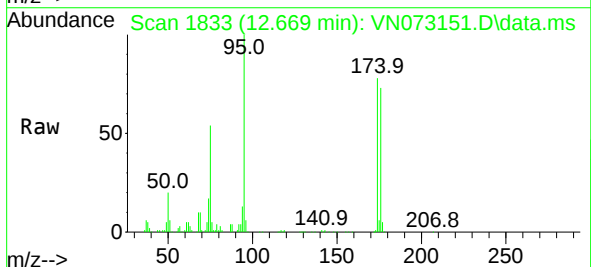
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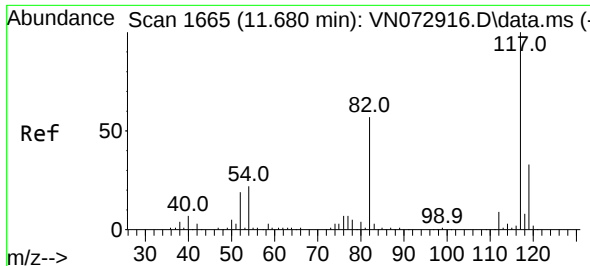
Tgt Ion: 98 Resp: 548653
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 55.557 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073151.D
Acq: 27 Jun 2022 10:34

Tgt Ion: 95 Resp: 239441
Ion Ratio Lower Upper
95 100
174 75.8 0.0 167.6
176 74.1 0.0 163.4

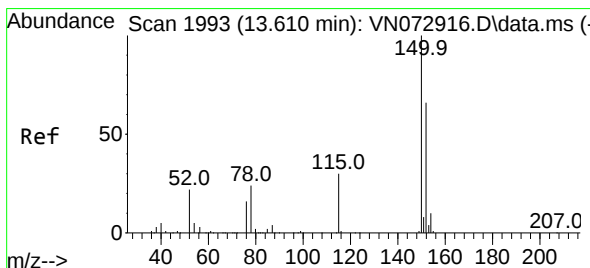
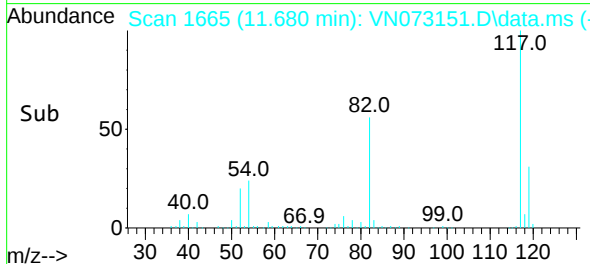
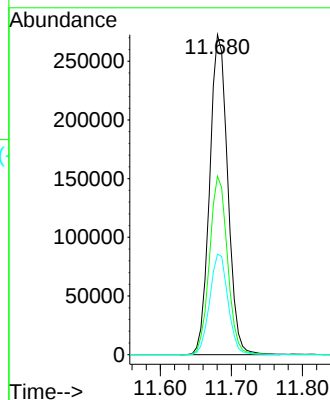
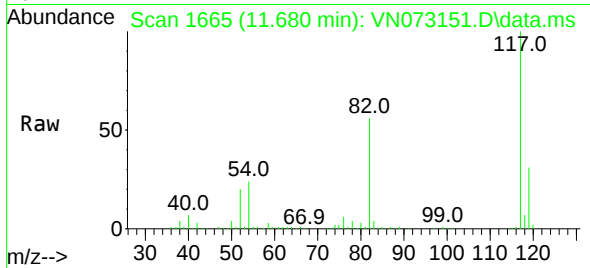




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073151.D
Acq: 27 Jun 2022 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBL01

Tgt Ion:117 Resp: 481657
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.2
119 31.4 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: VN073151.D
Acq: 27 Jun 2022 10:34

Tgt Ion:152 Resp: 241812
Ion Ratio Lower Upper
152 100
115 59.2 28.9 86.7
150 156.9 0.0 356.2

