

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062422\
 Data File : VN073076.D
 Acq On : 24 Jun 2022 11:44
 Operator : JC\MD
 Sample : VN0624WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBL02

Quant Time: Jun 24 23:03:59 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	277880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	445458	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	398194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	186652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	166643	44.357	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.720%
35) Dibromofluoromethane	7.951	113	143869	52.253	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.500%
50) Toluene-d8	10.374	98	462382	45.132	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.260%
62) 4-Bromofluorobenzene	12.668	95	193106	52.417	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.840%

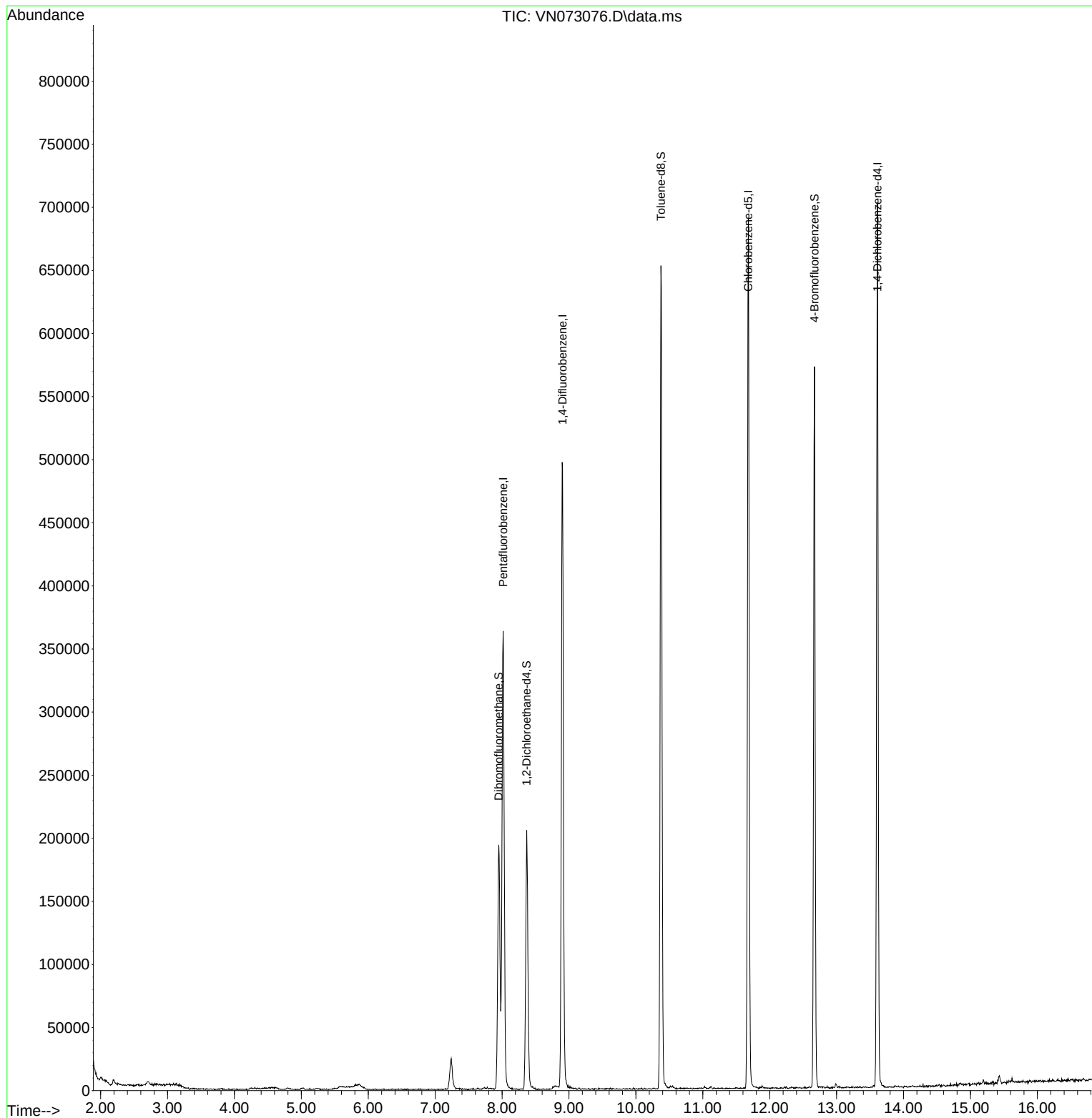
Target Compounds	Qvalue

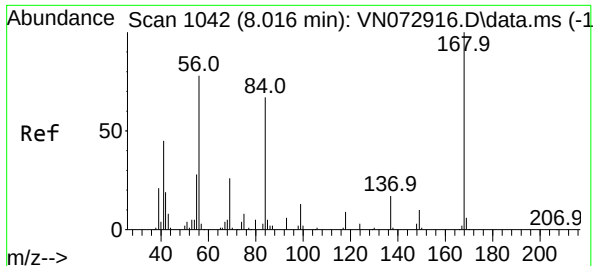
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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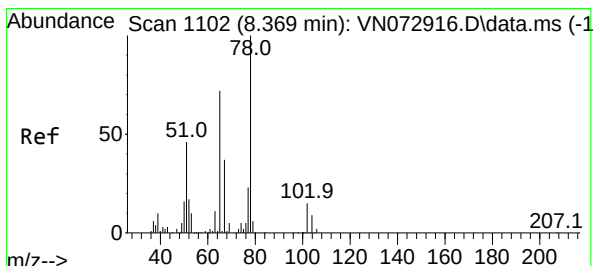
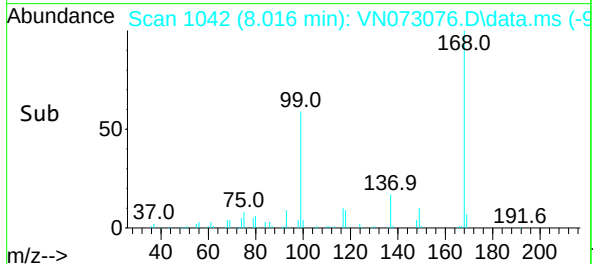
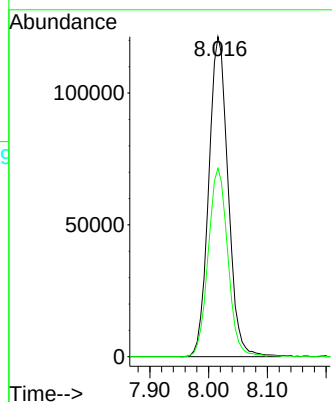
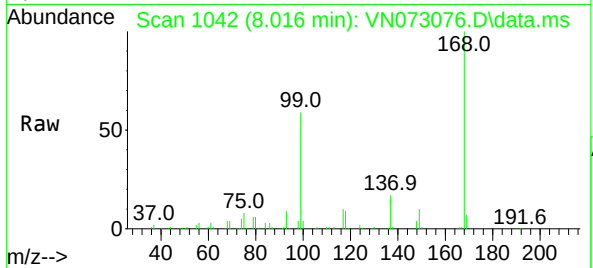




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073076.D
Acq: 24 Jun 2022 11:44

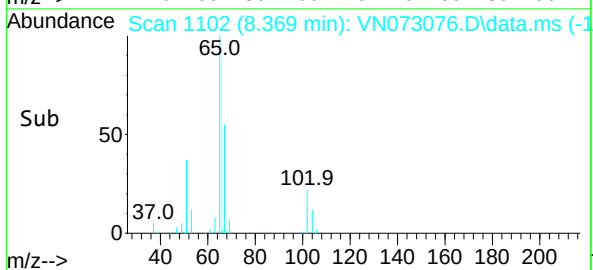
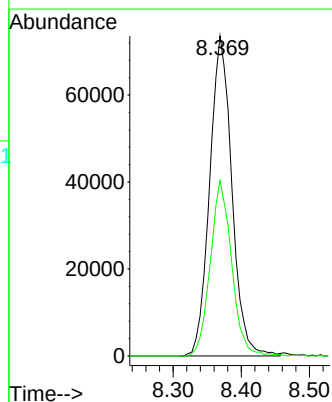
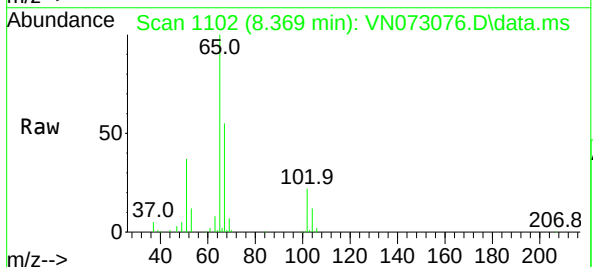
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL02

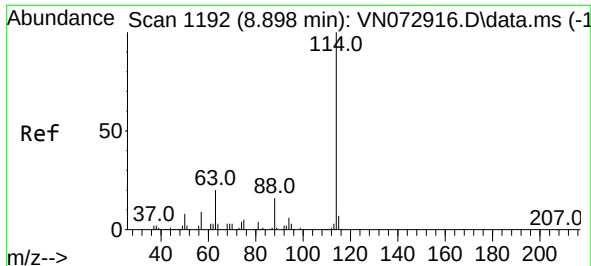
Tgt Ion:168 Resp: 277880
Ion Ratio Lower Upper
168 100
99 58.9 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 44.357 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073076.D
Acq: 24 Jun 2022 11:44

Tgt Ion: 65 Resp: 166643
Ion Ratio Lower Upper
65 100
67 52.8 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: VN073076.D

Acq: 24 Jun 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBL02

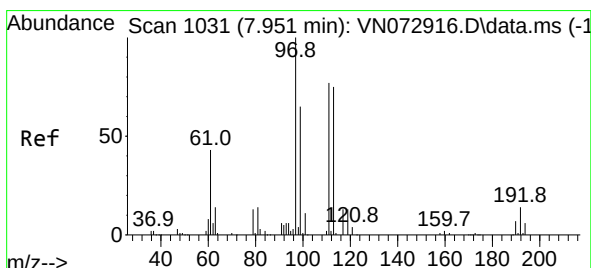
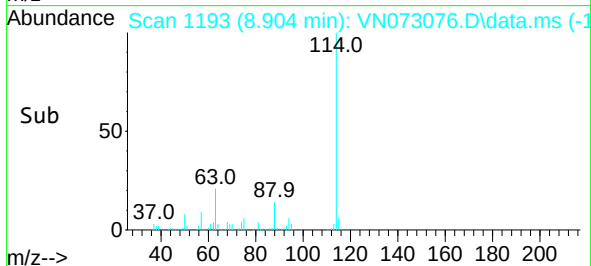
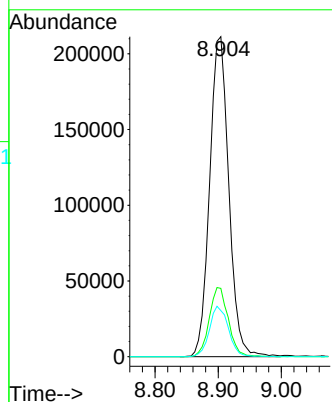
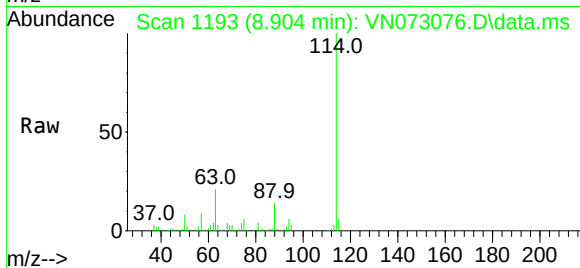
Tgt Ion:114 Resp: 445458

Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.0

88 14.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.253 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073076.D

Acq: 24 Jun 2022 11:44

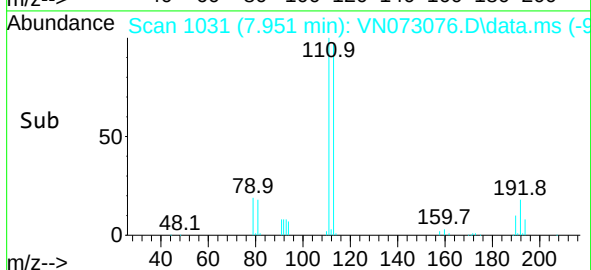
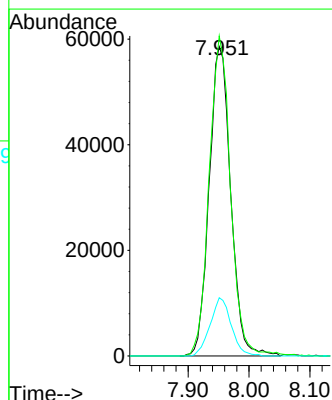
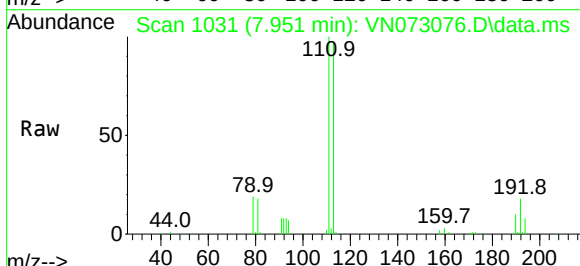
Tgt Ion:113 Resp: 143869

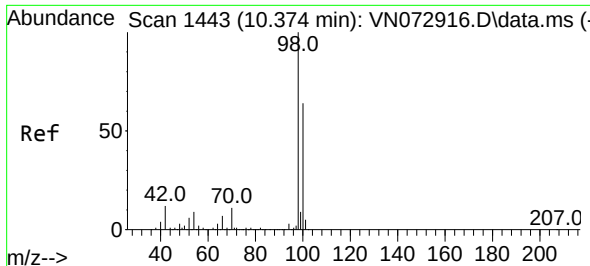
Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 18.5 17.0 25.6

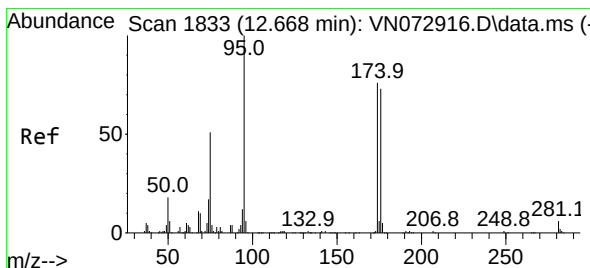
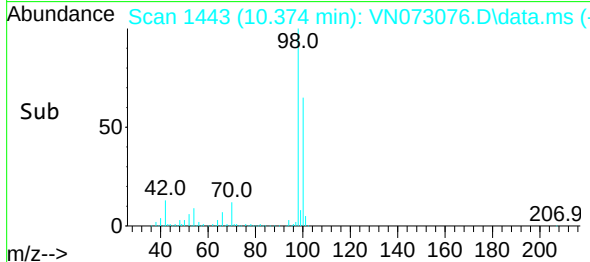
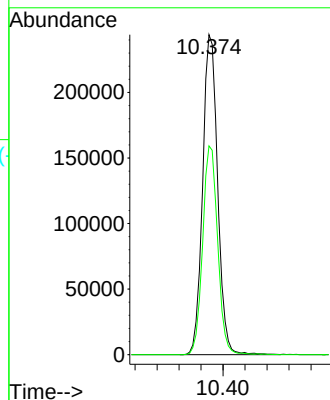
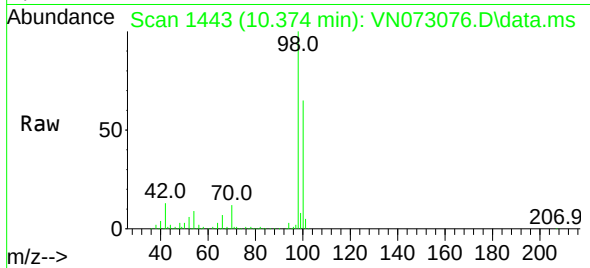




#50
Toluene-d8
Concen: 45.132 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073076.D
Acq: 24 Jun 2022 11:44

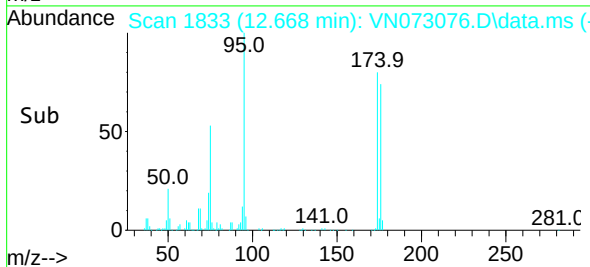
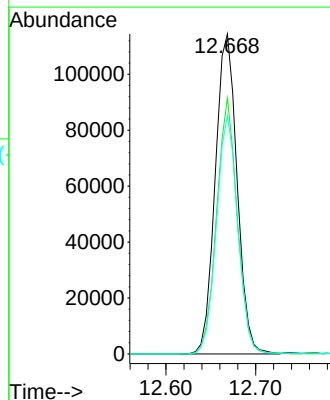
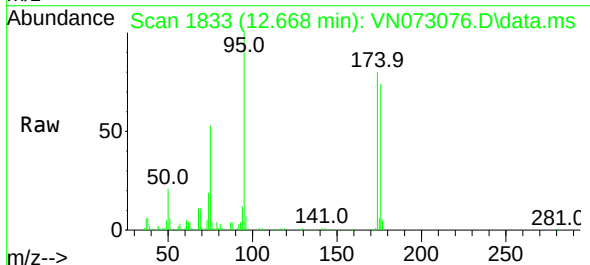
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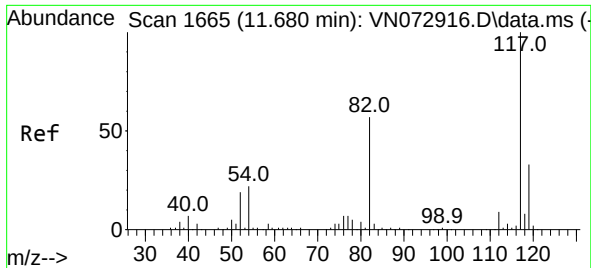
Tgt Ion: 98 Resp: 462382
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 52.417 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073076.D
Acq: 24 Jun 2022 11:44

Tgt Ion: 95 Resp: 193106
Ion Ratio Lower Upper
95 100
174 75.9 0.0 167.6
176 72.6 0.0 163.4

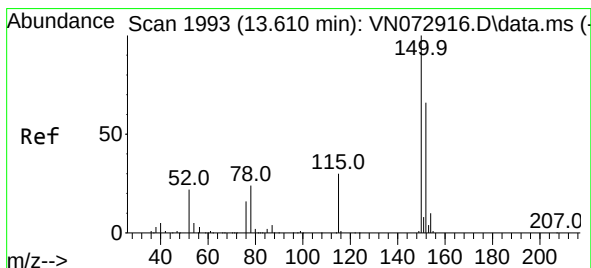
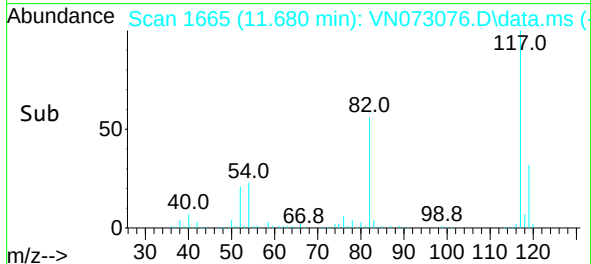
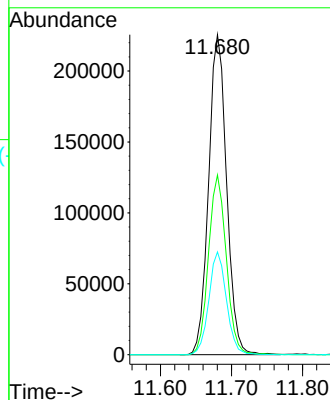
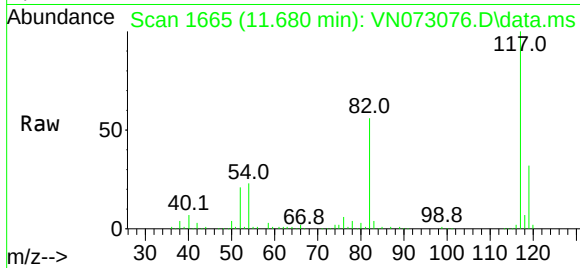




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073076.D
Acq: 24 Jun 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL02

Tgt Ion:117 Resp: 398194
Ion Ratio Lower Upper
117 100
82 56.2 44.2 66.2
119 32.1 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: VN073076.D
Acq: 24 Jun 2022 11:44

Tgt Ion:152 Resp: 186652
Ion Ratio Lower Upper
152 100
115 59.7 28.9 86.7
150 156.9 0.0 356.2

