

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042222\
 Data File : VN072147.D
 Acq On : 22 Apr 2022 11:01
 Operator : JC\MD
 Sample : VN0422WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBL01

Quant Time: Apr 23 03:12:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.087	168	438923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	741923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	768836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	271048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	238686	47.634	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.260%
35) Dibromofluoromethane	8.016	113	219351	50.243	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.480%
50) Toluene-d8	10.439	98	918592	51.435	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.860%
62) 4-Bromofluorobenzene	12.727	95	301145	52.137	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.280%

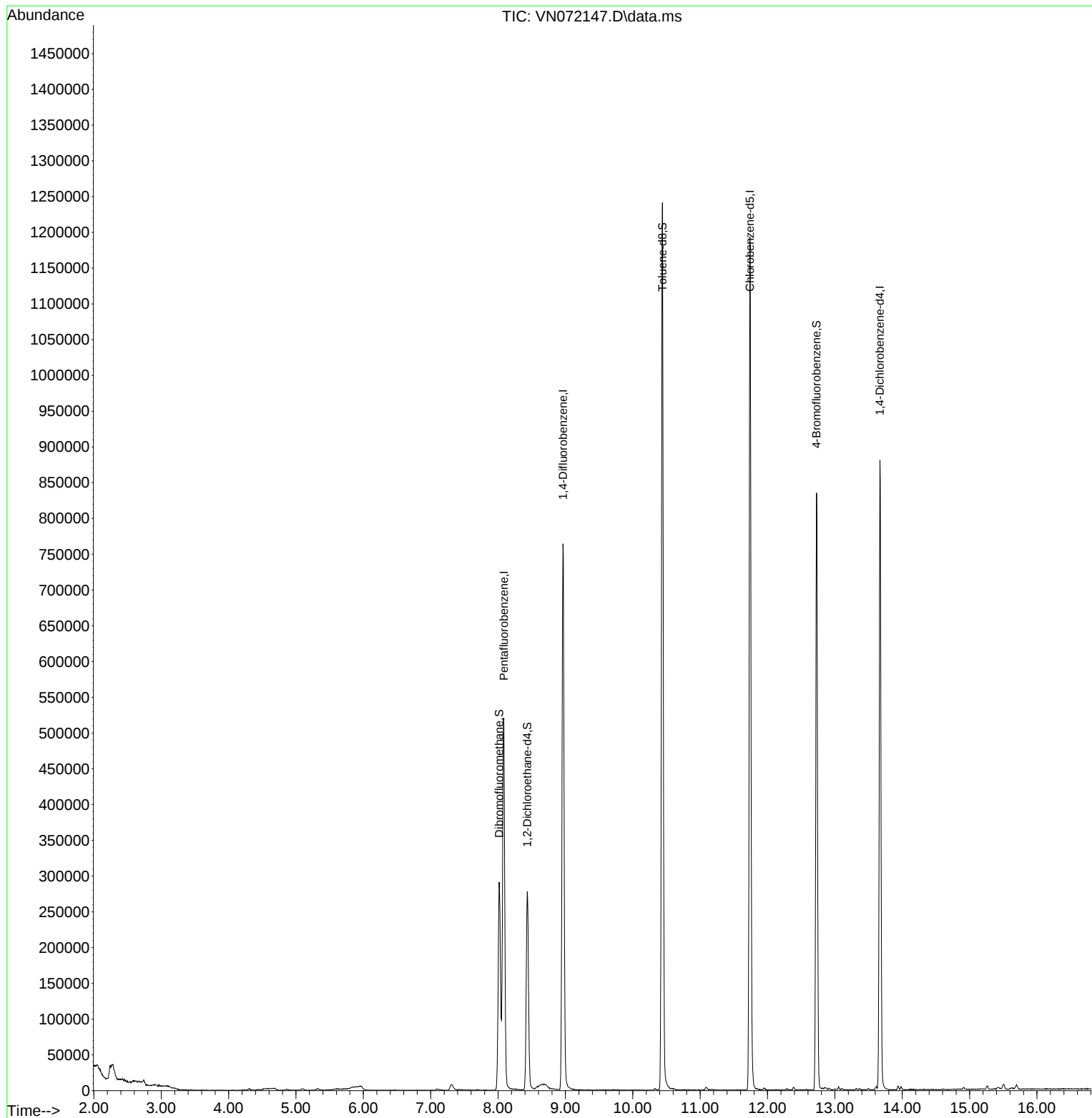
Target Compounds	Qvalue

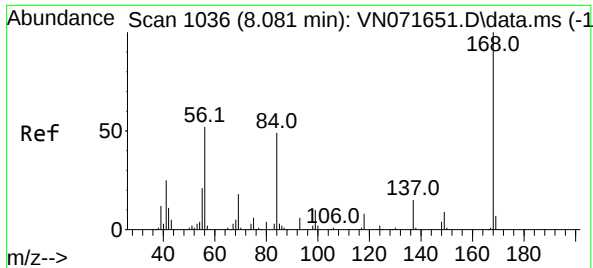
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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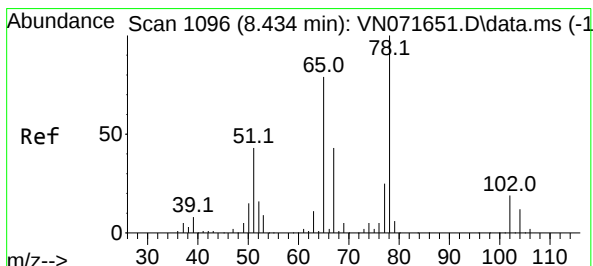
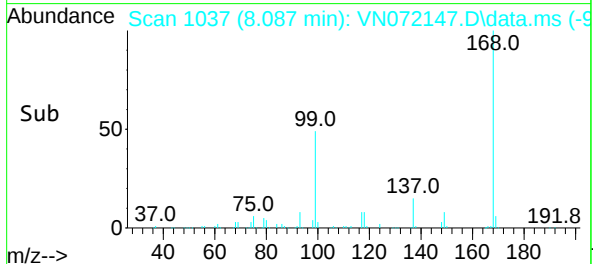
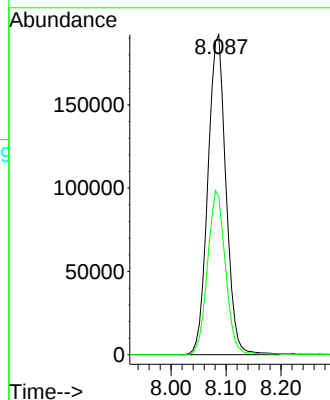
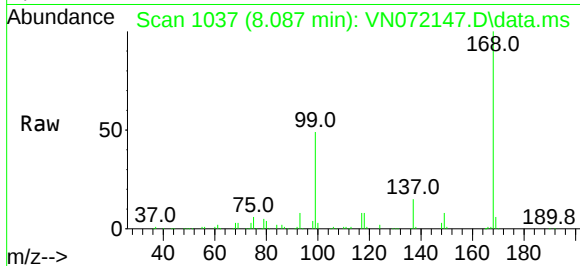




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN072147.D
Acq: 22 Apr 2022 11:01

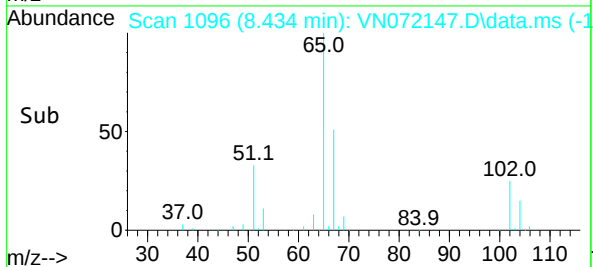
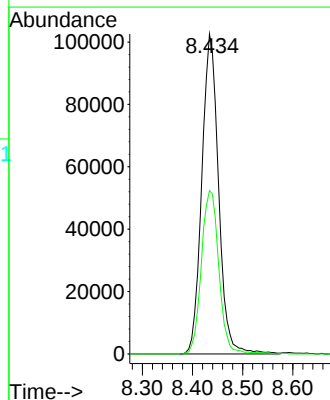
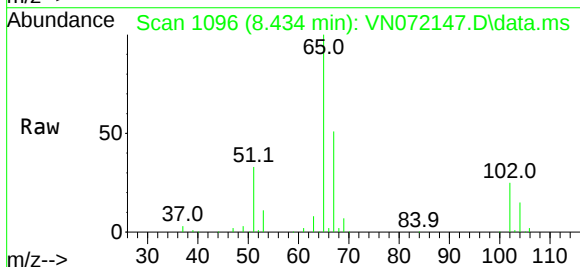
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBL01

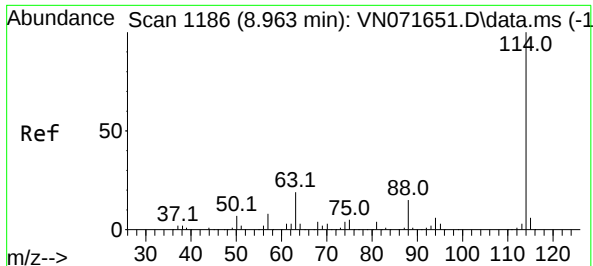
Tgt Ion:168 Resp: 438923
Ion Ratio Lower Upper
168 100
99 49.4 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 47.634 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072147.D
Acq: 22 Apr 2022 11:01

Tgt Ion: 65 Resp: 238686
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072147.D

Acq: 22 Apr 2022 11:01

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBL01

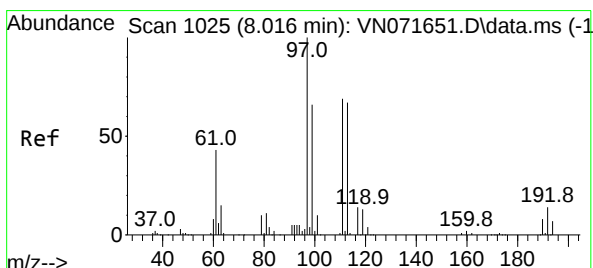
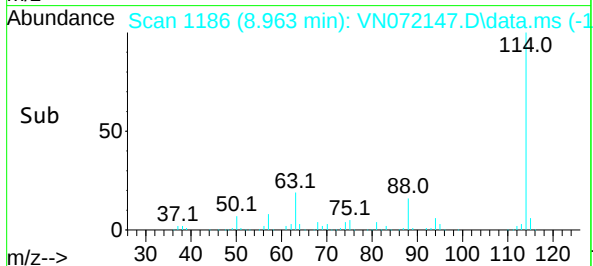
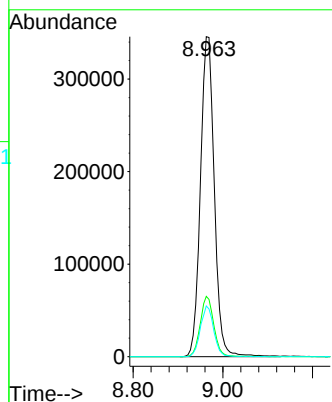
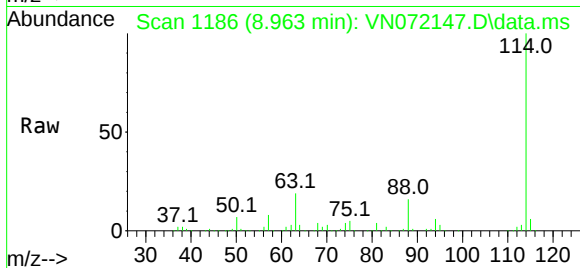
Tgt Ion:114 Resp: 741923

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.0

88 15.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.243 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072147.D

Acq: 22 Apr 2022 11:01

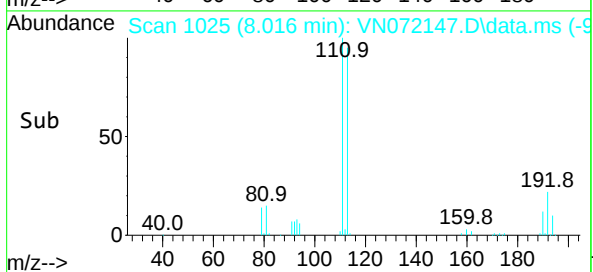
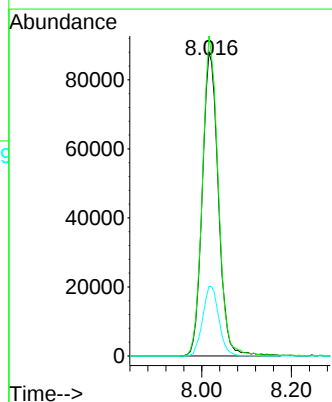
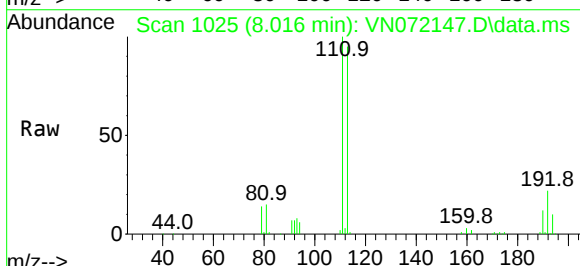
Tgt Ion:113 Resp: 219351

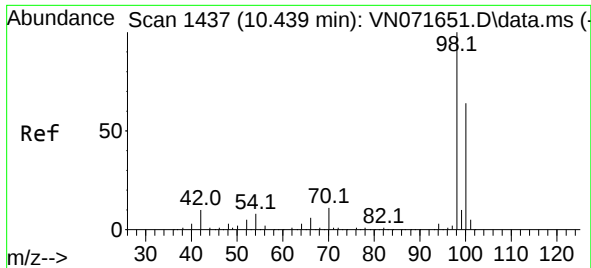
Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 22.9 17.0 25.6

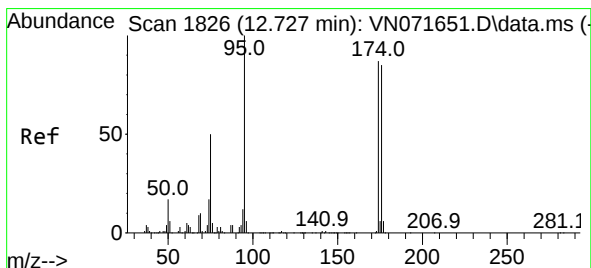
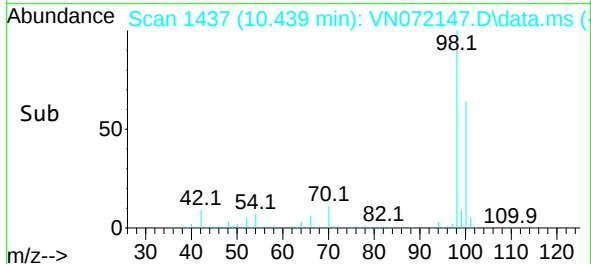
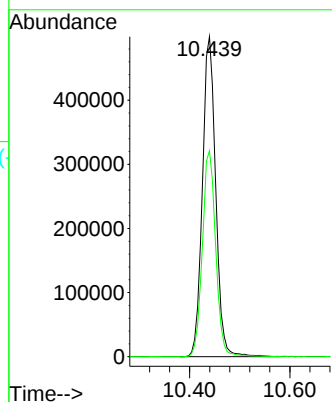
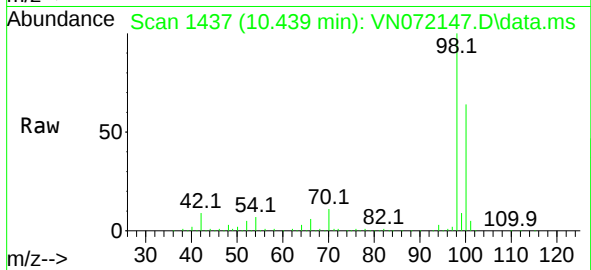




#50
Toluene-d8
Concen: 51.435 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072147.D
Acq: 22 Apr 2022 11:01

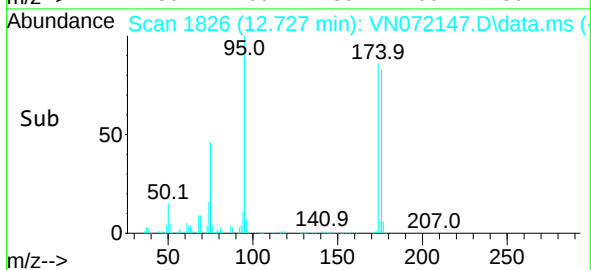
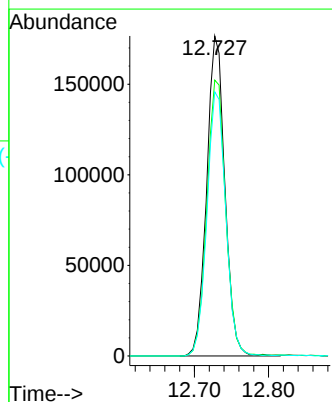
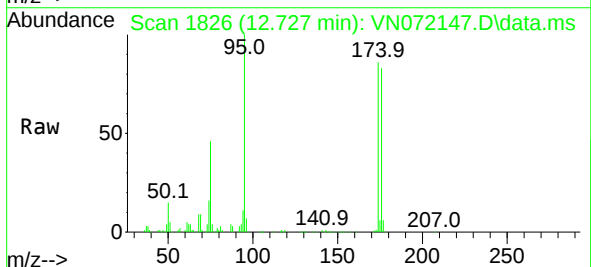
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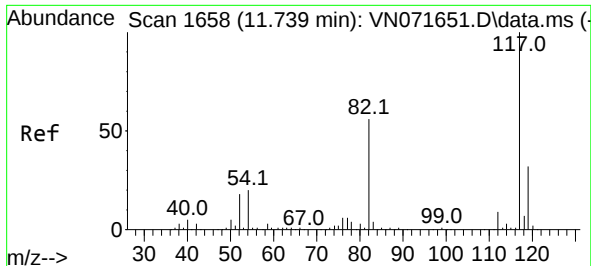
Tgt Ion: 98 Resp: 918592
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 52.137 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072147.D
Acq: 22 Apr 2022 11:01

Tgt Ion: 95 Resp: 301145
Ion Ratio Lower Upper
95 100
174 89.0 0.0 167.6
176 85.1 0.0 163.4

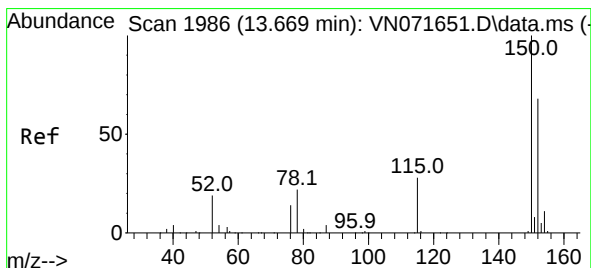
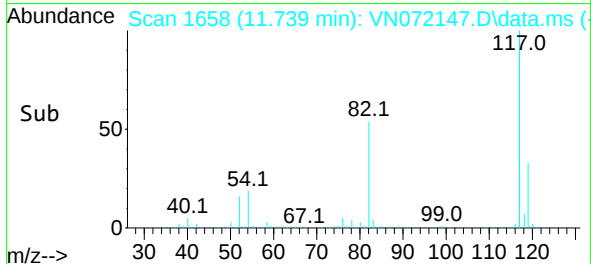
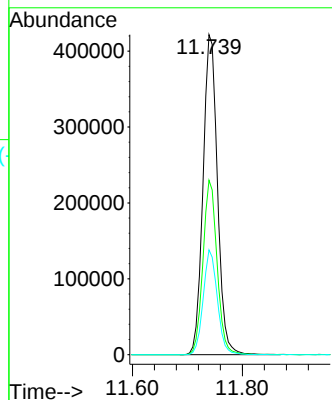
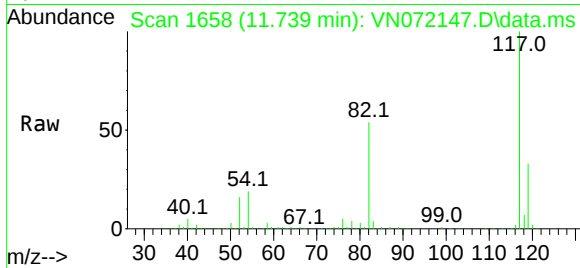




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072147.D
Acq: 22 Apr 2022 11:01

Instrument :
MSVOA_N
ClientSampleId :
VN0422WBL01

Tgt Ion:117 Resp: 768836
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 32.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072147.D
Acq: 22 Apr 2022 11:01

Tgt Ion:152 Resp: 271048
Ion Ratio Lower Upper
152 100
115 55.3 28.9 86.7
150 156.2 0.0 356.2

