

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041222\
 Data File : VN071965.D
 Acq On : 12 Apr 2022 19:50
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 13 04:48:08 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	8.086	168	616701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1039794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1081249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	408645	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	332179	47.182	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.360%
35) Dibromofluoromethane	8.016	113	294500	48.132	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.260%
50) Toluene-d8	10.439	98	1301998	52.018	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.040%
62) 4-Bromofluorobenzene	12.727	95	449273	55.500	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.000%

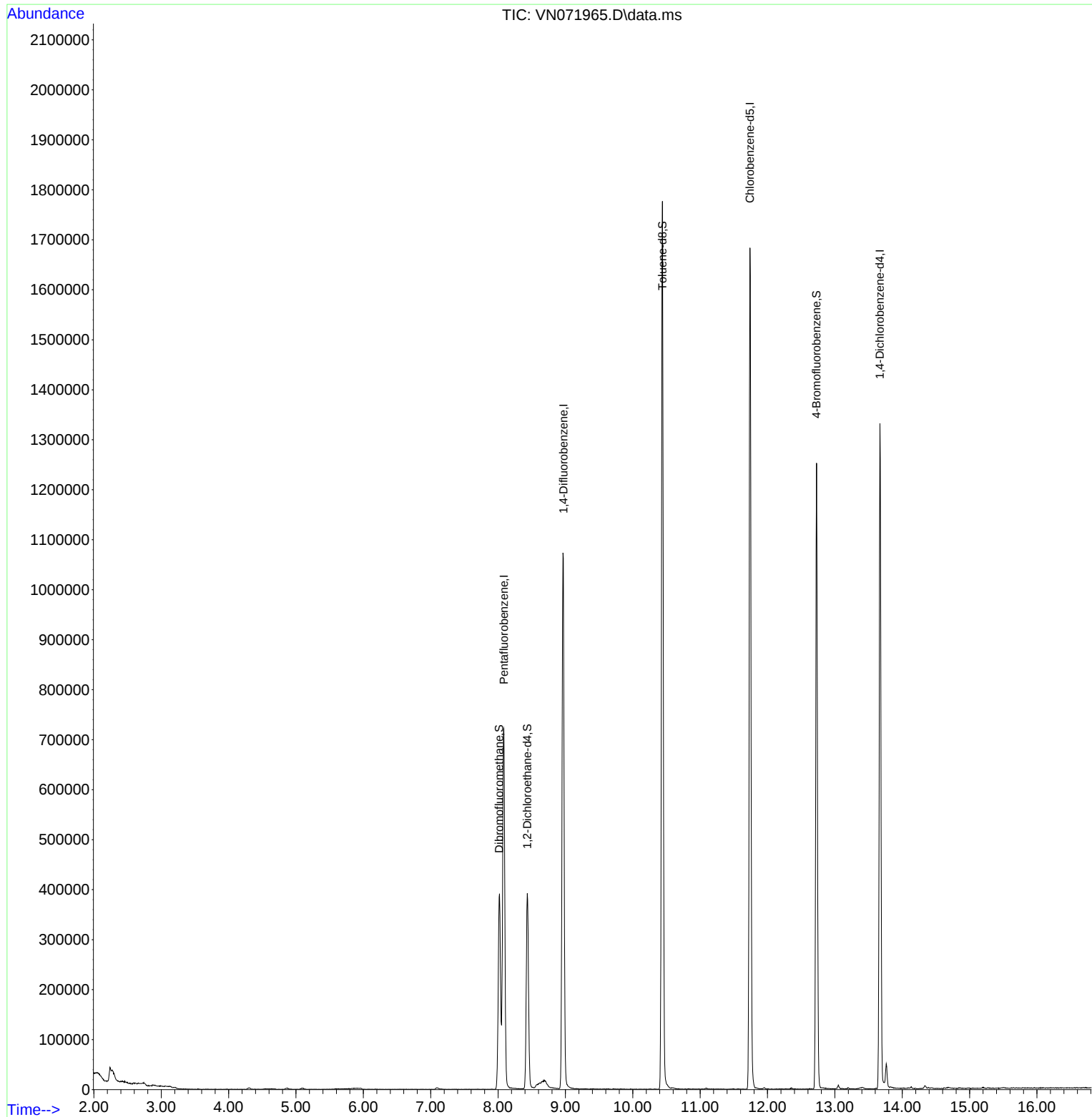
Target Compounds	Qvalue

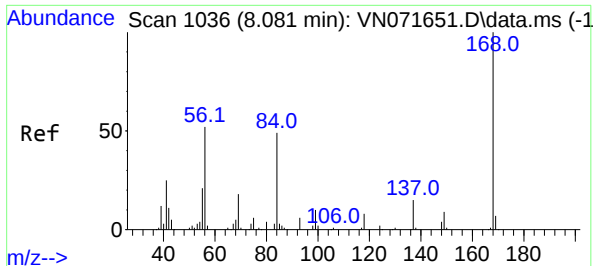
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 1036

Delta R.T. 0.005 min

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ClientSampleId :

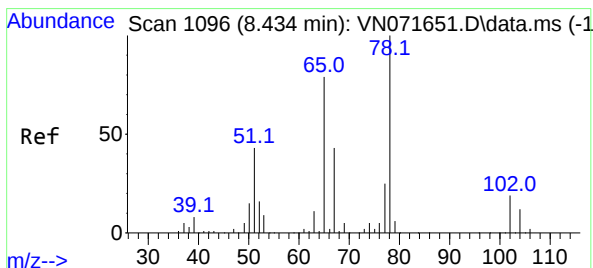
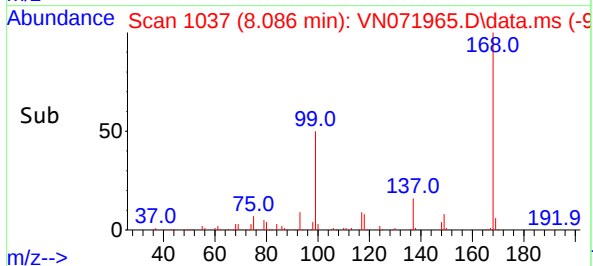
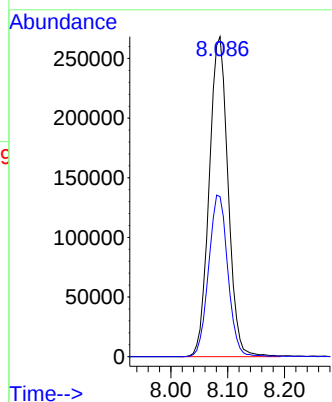
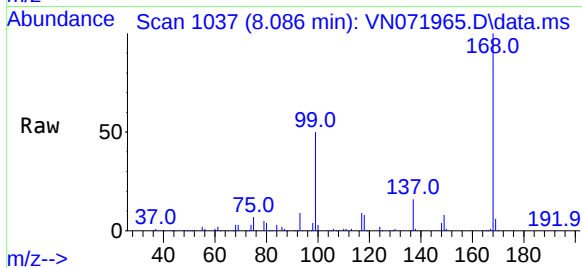
IBLK

Tgt Ion:168 Resp: 616701

Ion Ratio Lower Upper

168 100

99 50.0 42.3 63.5



1,2-Dichloroethane-d4

Concen: 47.182 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN071965.D

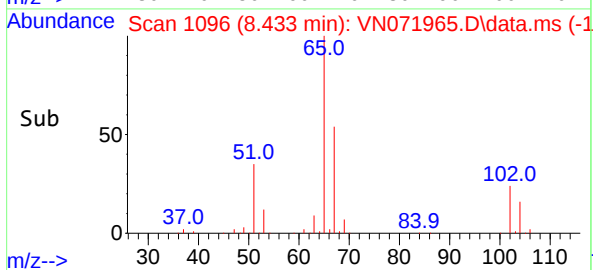
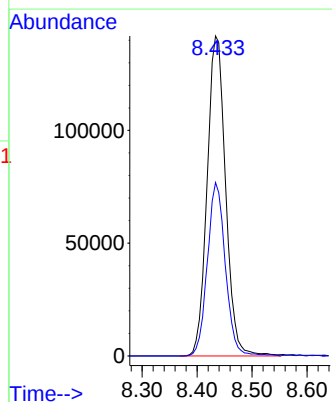
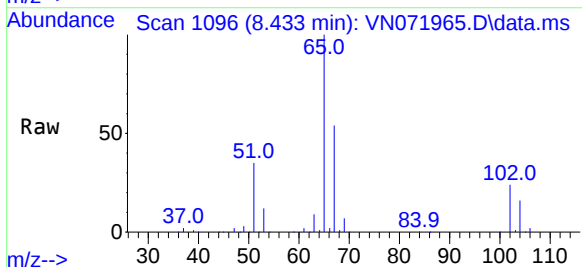
Acq: 12 Apr 2022 19:50

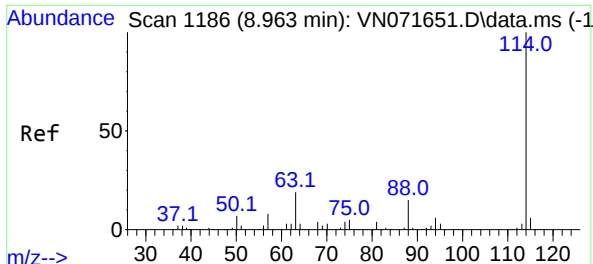
Tgt Ion: 65 Resp: 332179

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1186

Delta R.T. 0.006 min

Lab File: VN071965.D

Acq: 12 Apr 2022 19:50

Instrument :

MSVOA_N

ClientSampleId :

IBLK

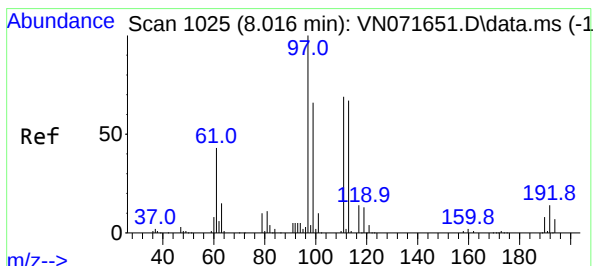
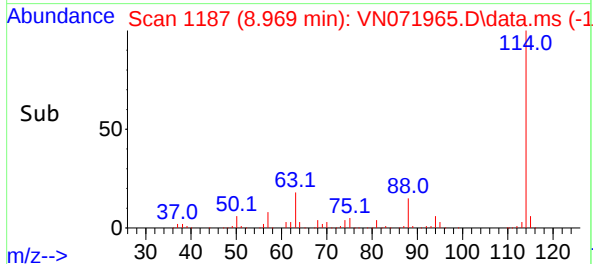
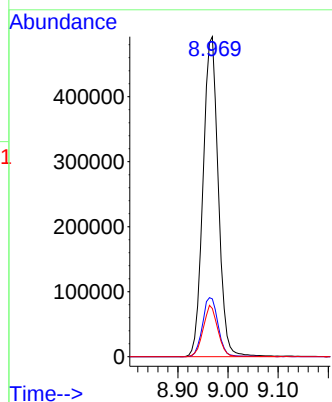
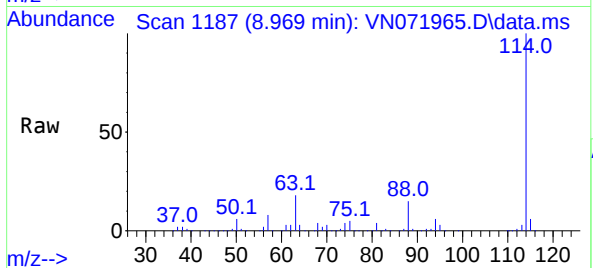
Tgt Ion:114 Resp: 1039794

Ion Ratio Lower Upper

114 100

63 18.1 0.0 40.0

88 15.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.132 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN071965.D

Acq: 12 Apr 2022 19:50

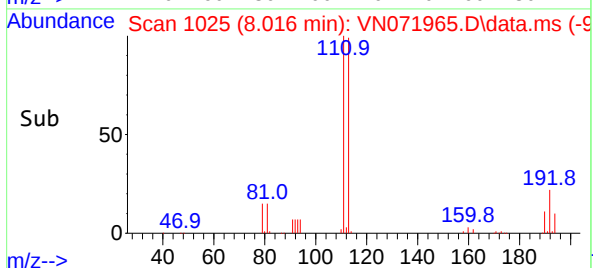
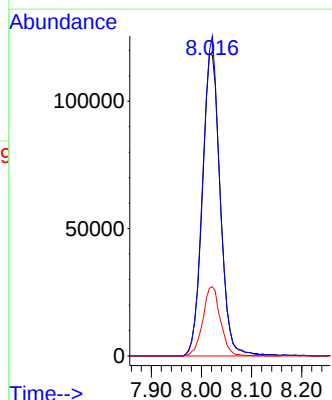
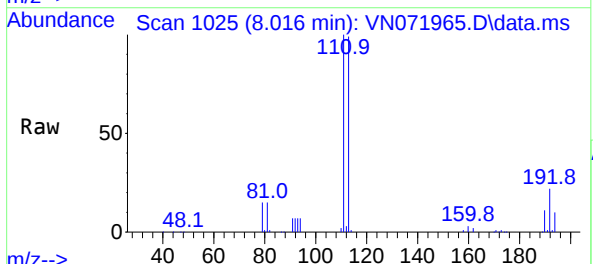
Tgt Ion:113 Resp: 294500

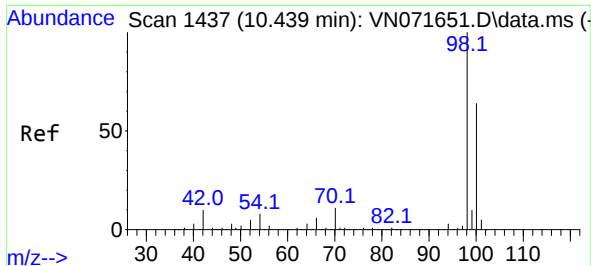
Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

192 22.5 17.0 25.6

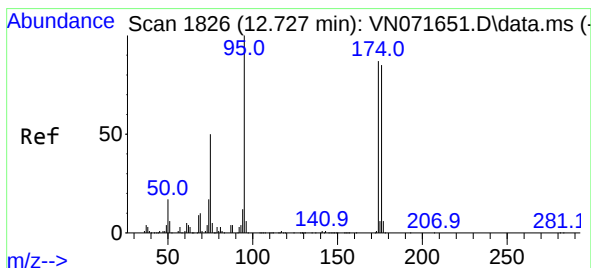
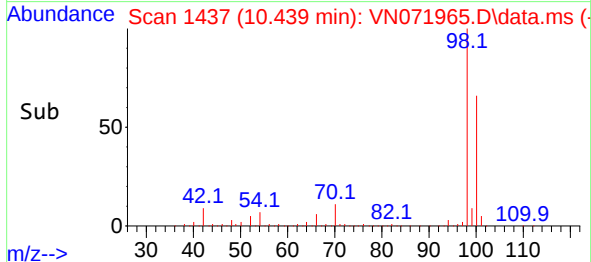
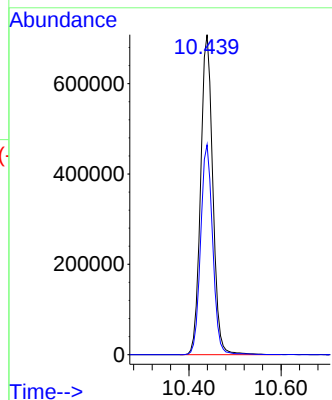
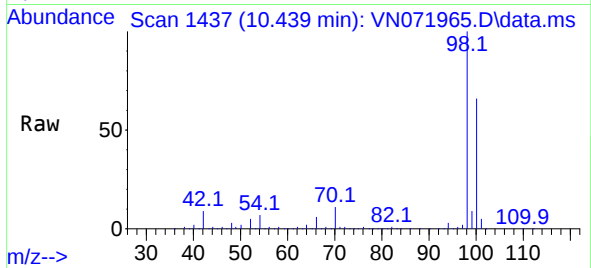




#50
Toluene-d8
Concen: 52.018 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071965.D
Acq: 12 Apr 2022 19:50

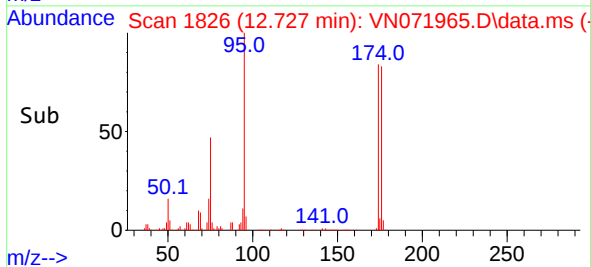
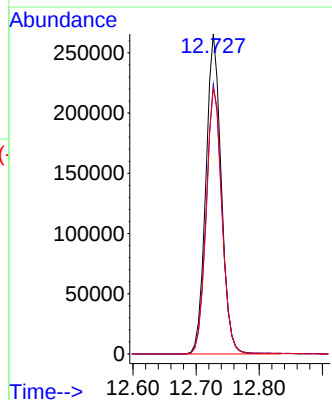
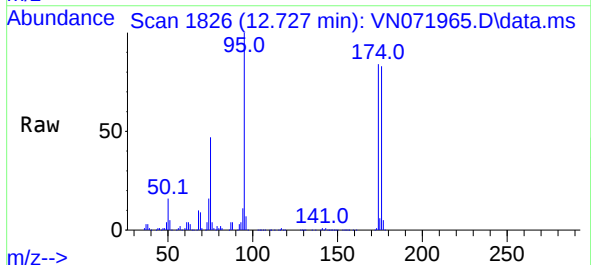
Instrument :
MSVOA_N
ClientSampleId :
IBLK

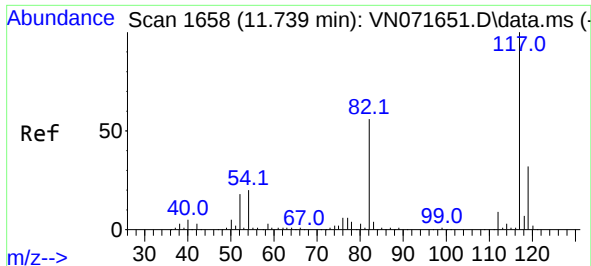
Tgt Ion: 98 Resp: 1301998
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 55.500 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071965.D
Acq: 12 Apr 2022 19:50

Tgt Ion: 95 Resp: 449273
Ion Ratio Lower Upper
95 100
174 85.7 0.0 167.6
176 84.6 0.0 163.4

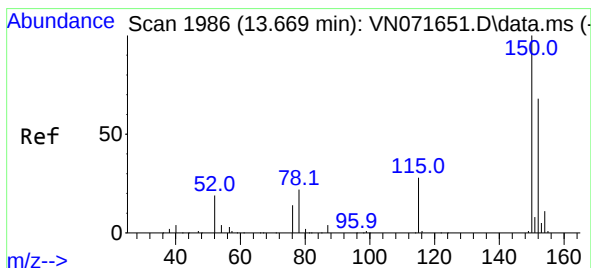
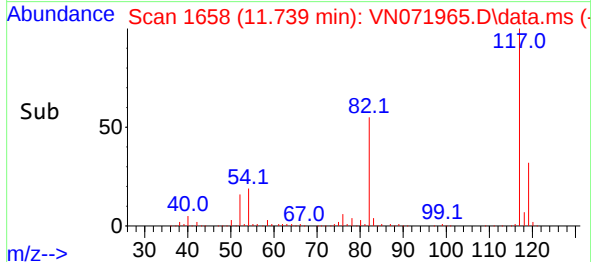
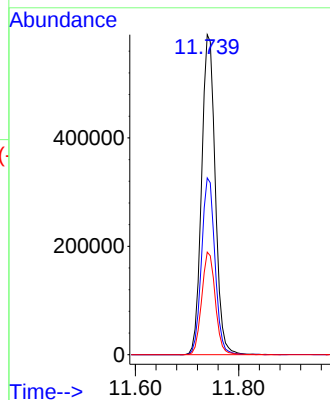
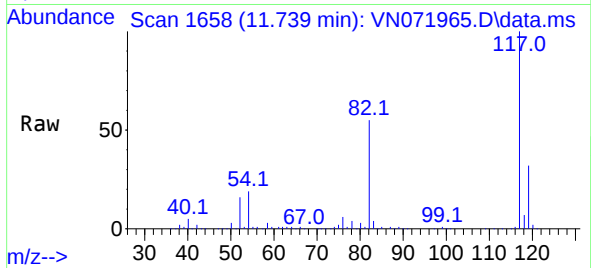




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071965.D
Acq: 12 Apr 2022 19:50

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 1081249
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.2
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071965.D
Acq: 12 Apr 2022 19:50

Tgt Ion:152 Resp: 408645
Ion Ratio Lower Upper
152 100
115 55.6 28.9 86.7
150 156.4 0.0 356.2

