

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042622\
 Data File : VN072197.D
 Acq On : 26 Apr 2022 14:01
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 27 06:29:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	274985	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	519665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	562098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	197314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	207230	49.088	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.180%
35) Dibromofluoromethane	8.016	113	162835	48.956	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.920%
50) Toluene-d8	10.439	98	666339	50.983	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.960%
62) 4-Bromofluorobenzene	12.727	95	252594	58.227	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	116.460%

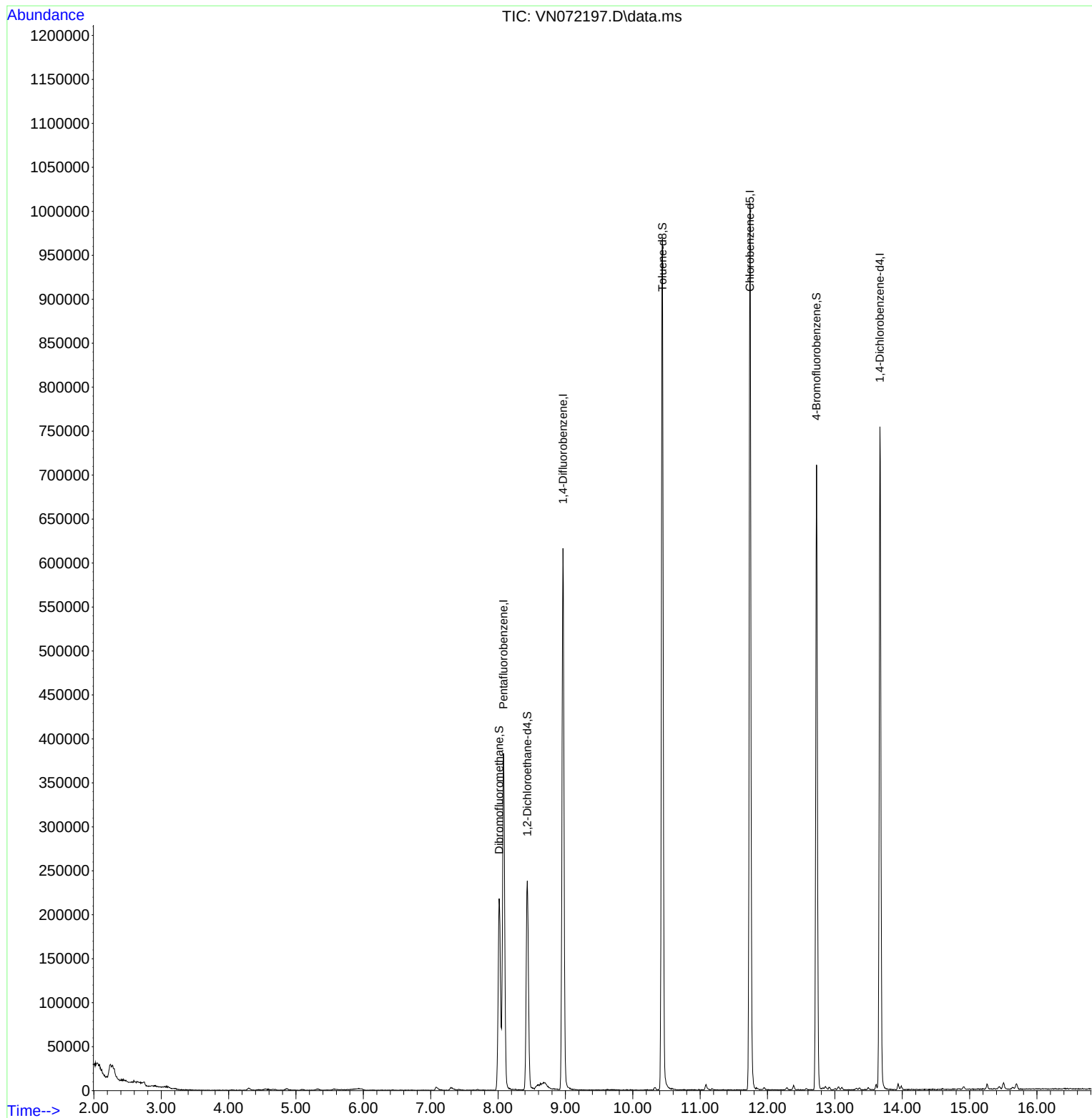
Target Compounds	Qvalue

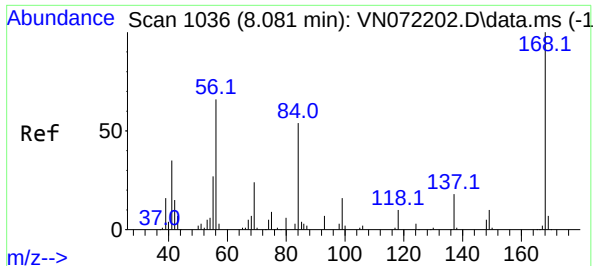
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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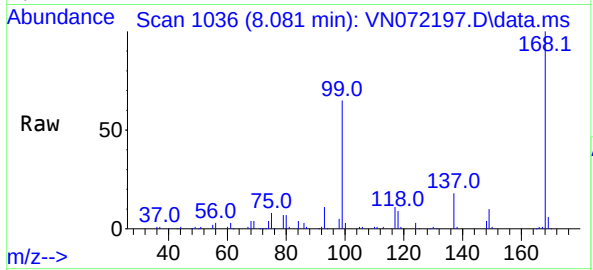
Quant Time: Apr 27 06:29:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
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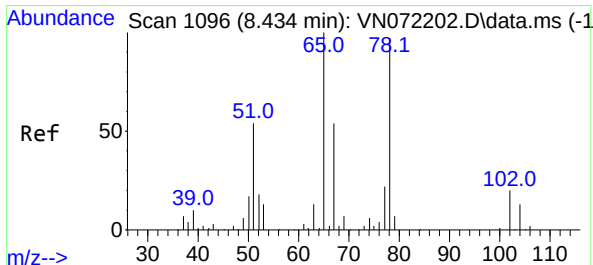
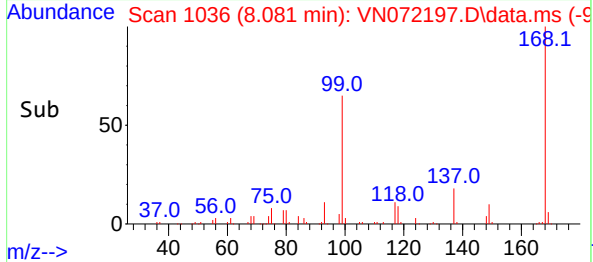
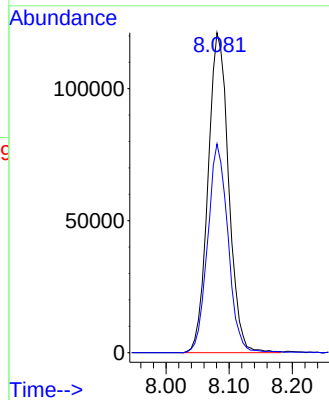


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072197.D
Acq: 26 Apr 2022 14:01

Instrument :
MSVOA_N
ClientSampleId :
IBLK

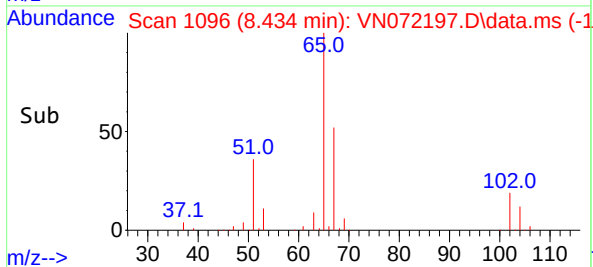
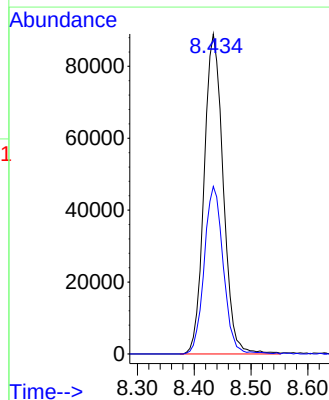
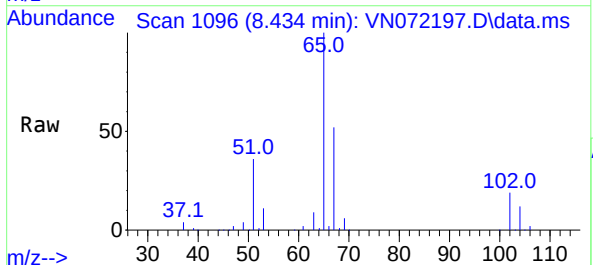


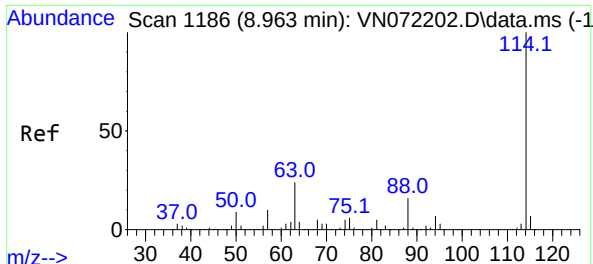
Tgt Ion:168 Resp: 274985
Ion Ratio Lower Upper
168 100
99 65.3 42.3 63.5#



#33
1,2-Dichloroethane-d4
Concen: 49.088 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072197.D
Acq: 26 Apr 2022 14:01

Tgt Ion: 65 Resp: 207230
Ion Ratio Lower Upper
65 100
67 52.2 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: VN072197.D

Acq: 26 Apr 2022 14:01

Instrument :

MSVOA_N

ClientSampleId :

IBLK

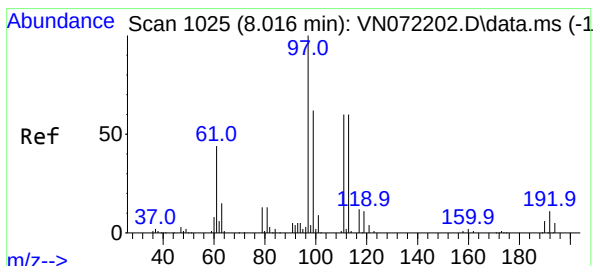
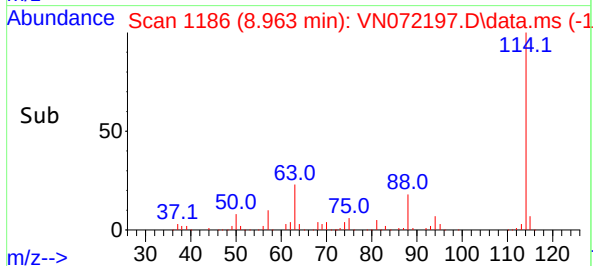
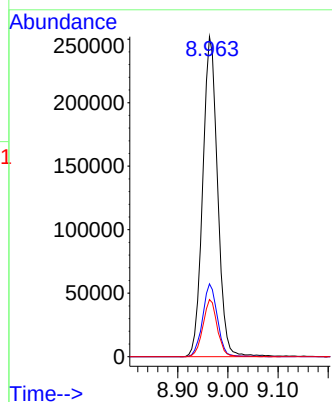
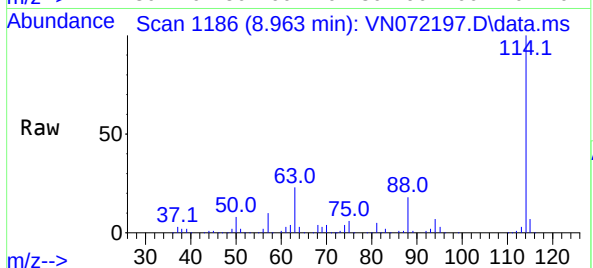
Tgt Ion:114 Resp: 519665

Ion Ratio Lower Upper

114 100

63 22.7 0.0 40.0

88 17.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.956 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.000 min

Lab File: VN072197.D

Acq: 26 Apr 2022 14:01

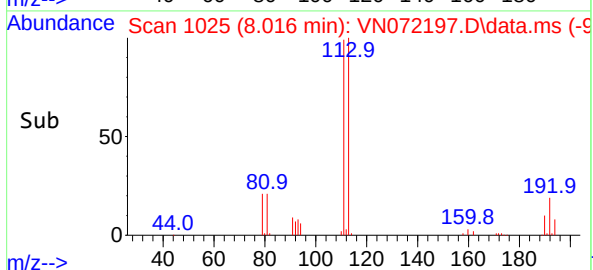
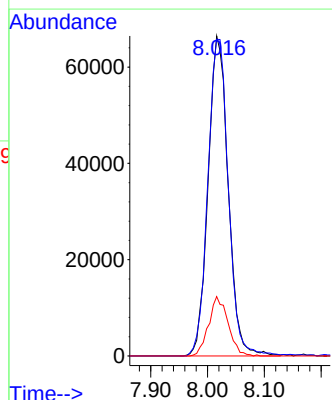
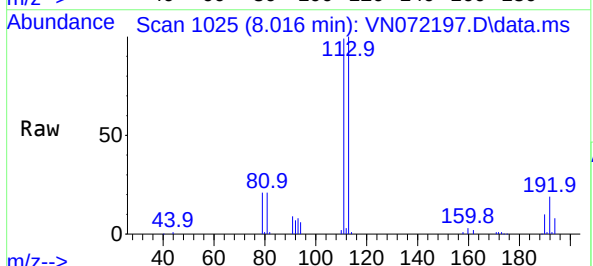
Tgt Ion:113 Resp: 162835

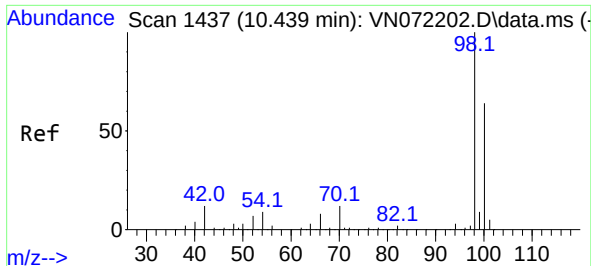
Ion Ratio Lower Upper

113 100

111 101.3 81.4 122.0

192 18.0 17.0 25.6

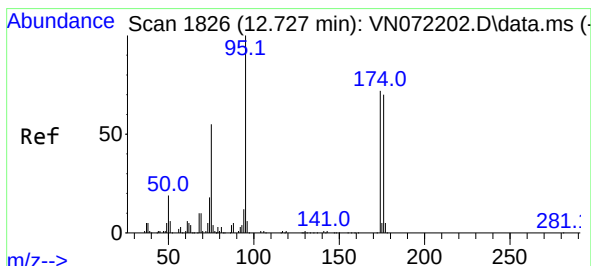
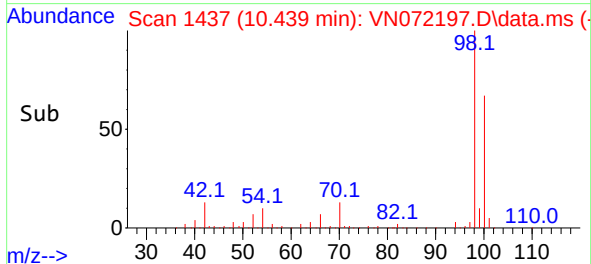
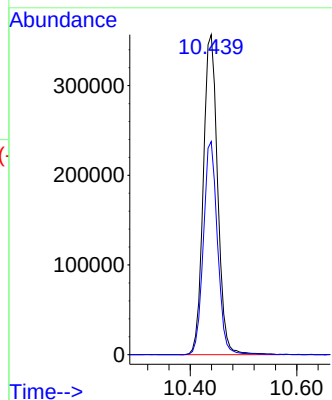
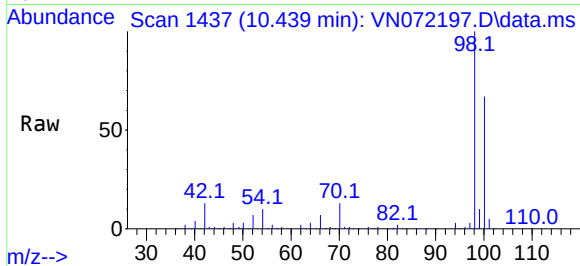




#50
Toluene-d8
Concen: 50.983 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072197.D
Acq: 26 Apr 2022 14:01

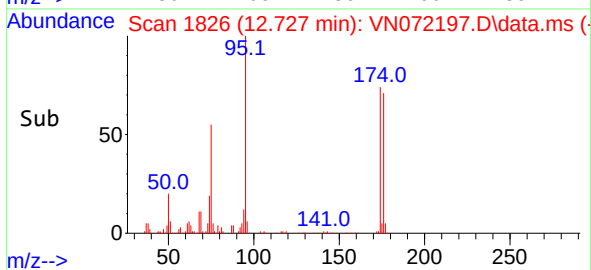
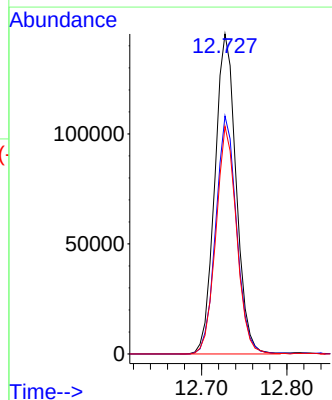
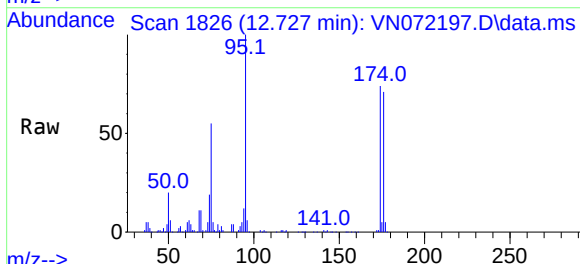
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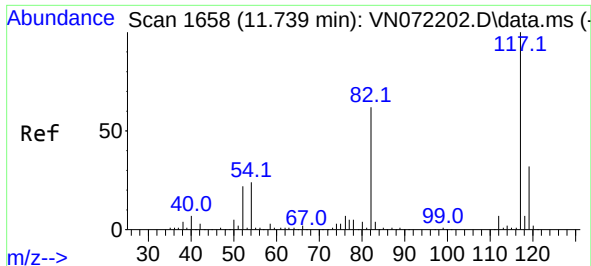
Tgt Ion: 98 Resp: 666339
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 58.227 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072197.D
Acq: 26 Apr 2022 14:01

Tgt Ion: 95 Resp: 252594
Ion Ratio Lower Upper
95 100
174 72.8 0.0 167.6
176 68.7 0.0 163.4

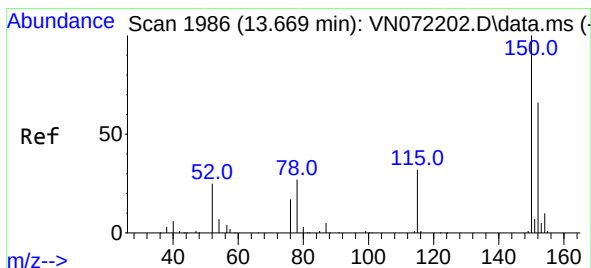
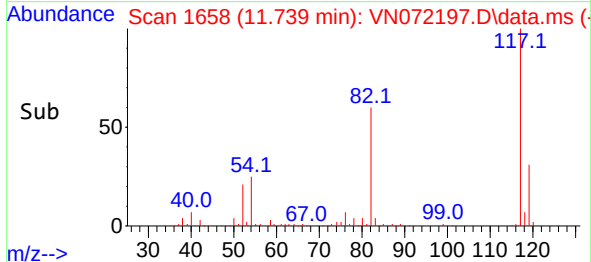
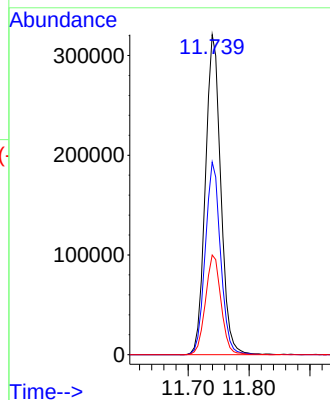
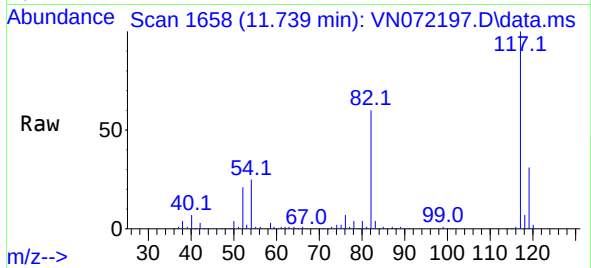




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072197.D
Acq: 26 Apr 2022 14:01

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 562098
Ion Ratio Lower Upper
117 100
82 60.2 44.2 66.2
119 31.2 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: VN072197.D
Acq: 26 Apr 2022 14:01

Tgt Ion:152 Resp: 197314
Ion Ratio Lower Upper
152 100
115 63.1 28.9 86.7
150 158.7 0.0 356.2

