

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
 Data File : VN072906.D
 Acq On : 17 Jun 2022 02:31
 Operator : JC\MD
 Sample : N3339-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: Jun 17 06:09:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 17 06:04:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	407787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	633193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	558011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	237853	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	345343	45.838	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.680%
35) Dibromofluoromethane	7.951	113	287435	49.974	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.940%
50) Toluene-d8	10.375	98	984006	43.707	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	87.420%
62) 4-Bromofluorobenzene	12.669	95	359089	45.979	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.960%

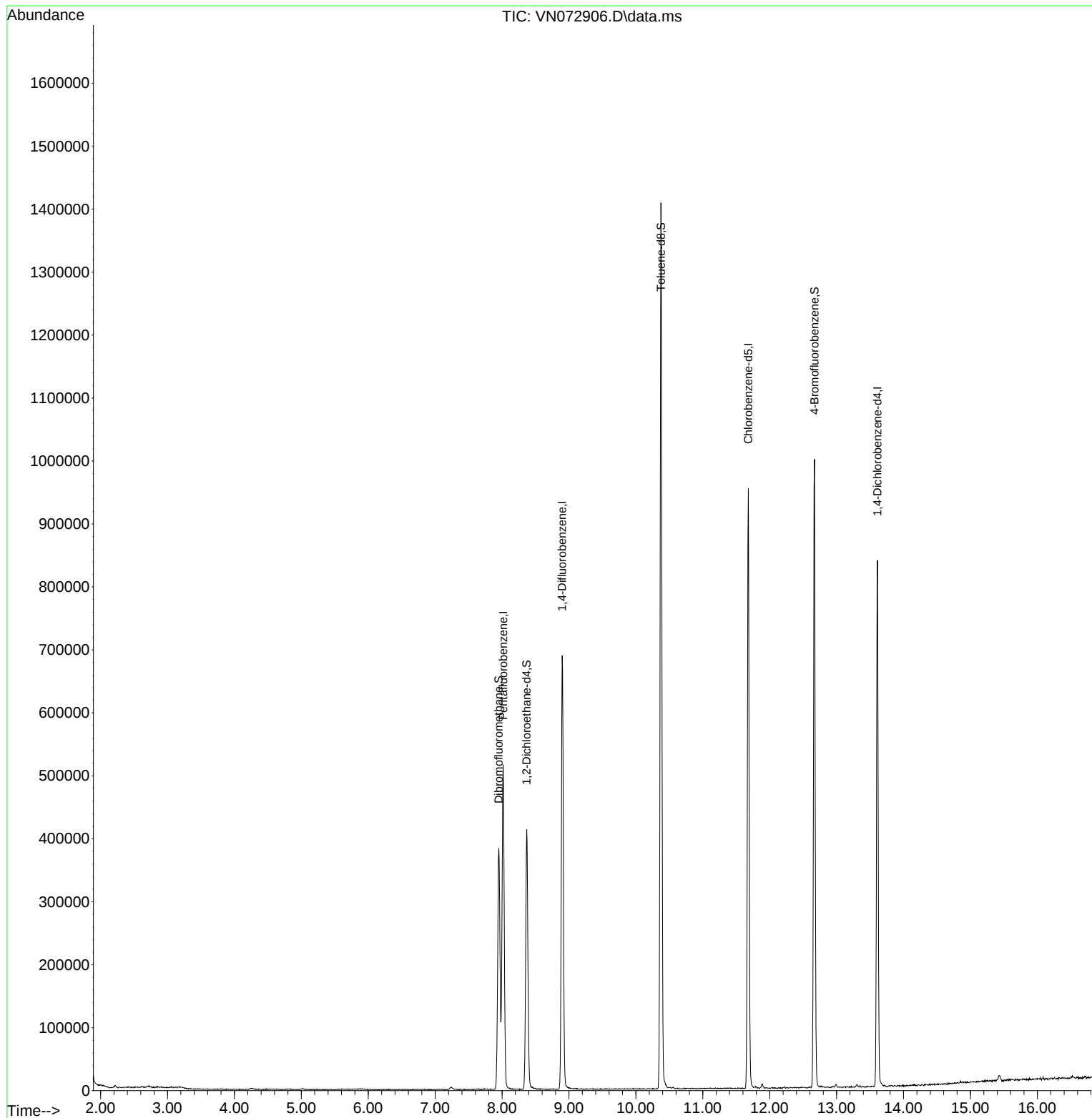
Target Compounds	Qvalue

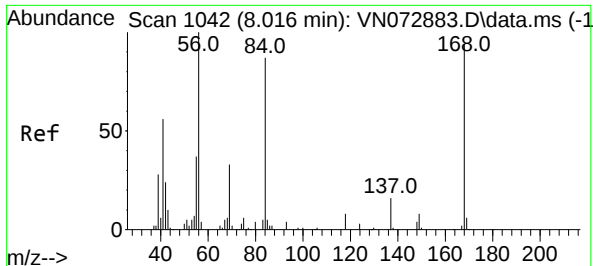
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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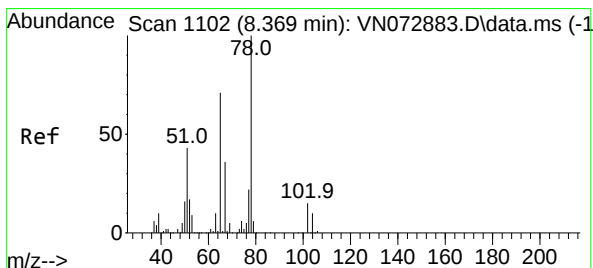
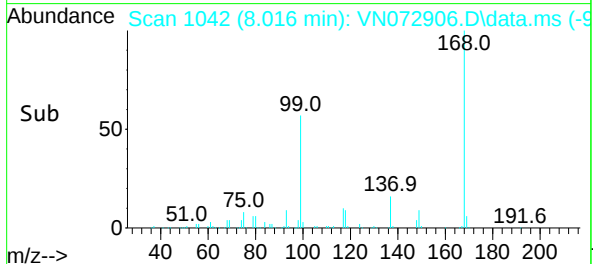
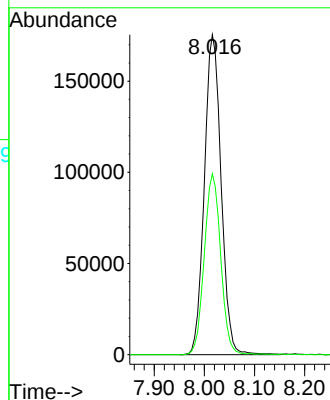
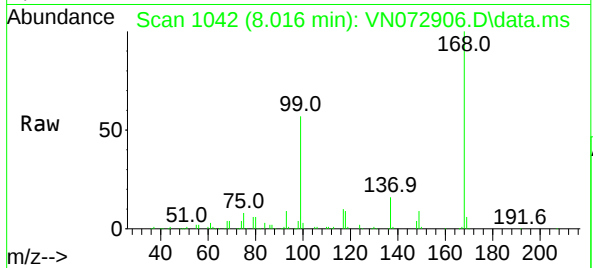




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN072906.D
Acq: 17 Jun 2022 02:31

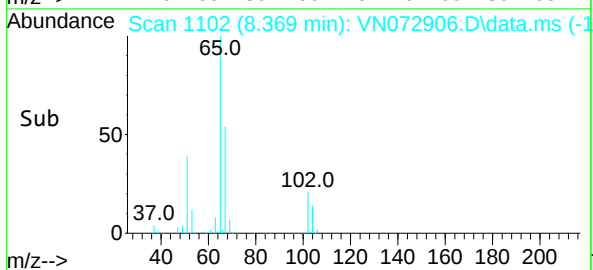
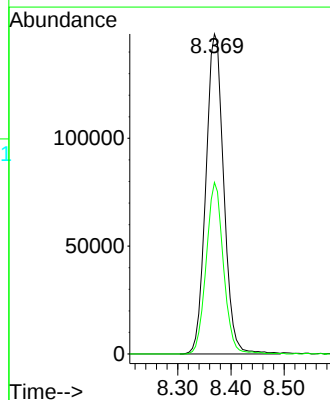
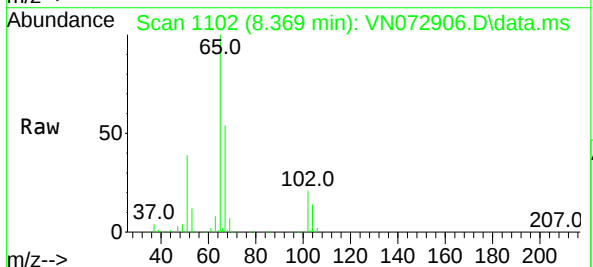
Instrument :
MSVOA_N
ClientSampleId :
TB

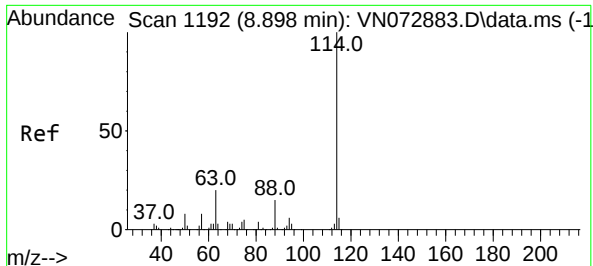
Tgt Ion:168 Resp: 407787
Ion Ratio Lower Upper
168 100
99 56.6 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 45.838 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN072906.D
Acq: 17 Jun 2022 02:31

Tgt Ion: 65 Resp: 345343
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN072906.D

Acq: 17 Jun 2022 02:31

Instrument :

MSVOA_N

ClientSampleId :

TB

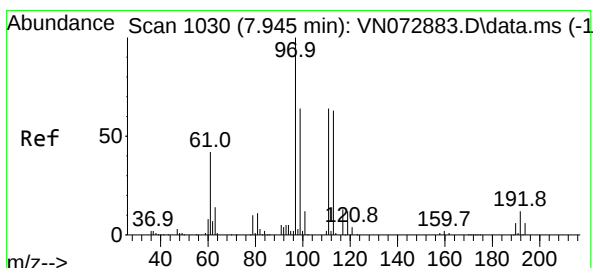
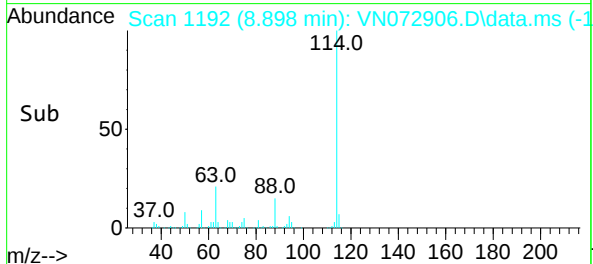
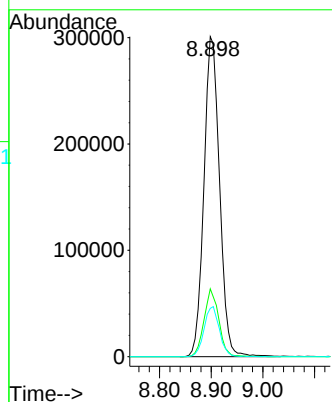
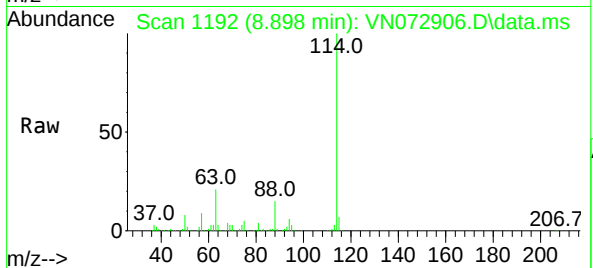
Tgt Ion:114 Resp: 633193

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.0

88 15.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.974 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VN072906.D

Acq: 17 Jun 2022 02:31

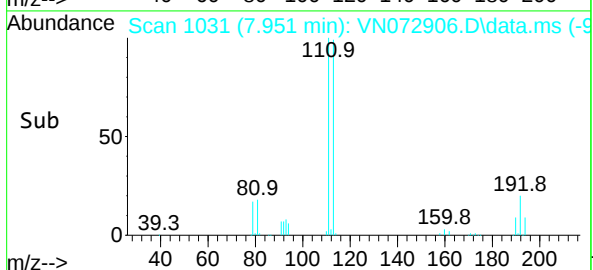
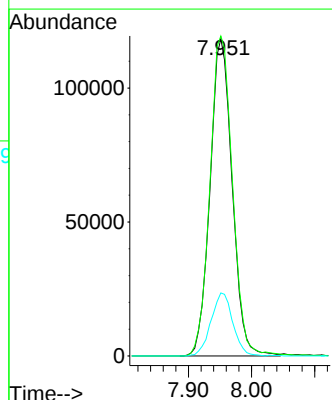
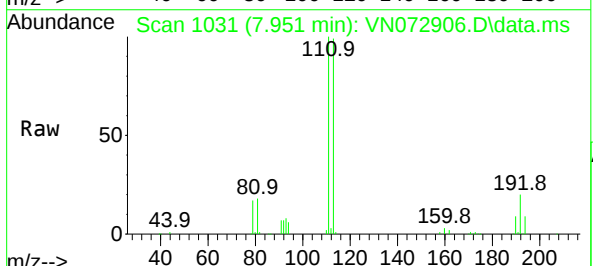
Tgt Ion:113 Resp: 287435

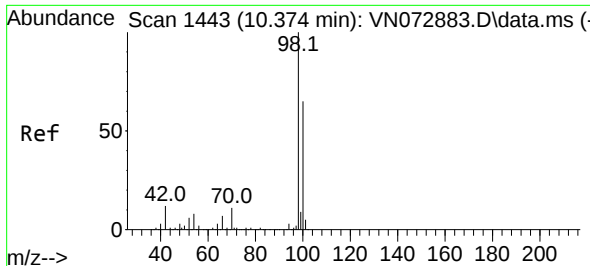
Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 19.7 17.0 25.6

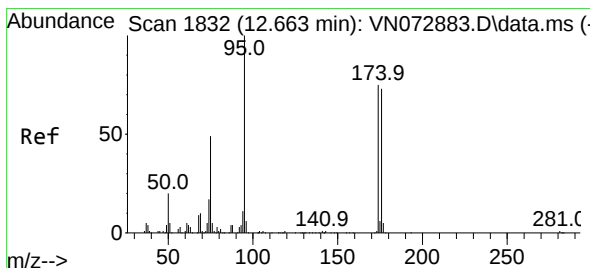
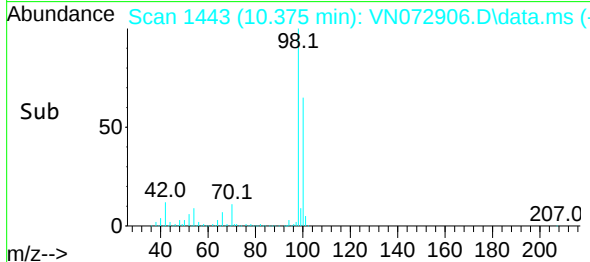
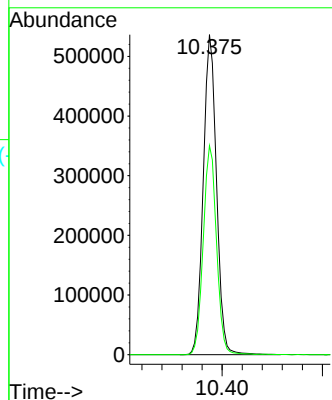
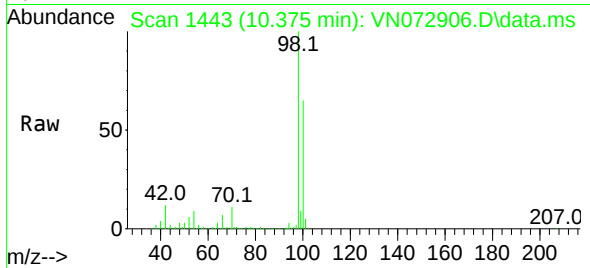




#50
Toluene-d8
Concen: 43.707 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072906.D
Acq: 17 Jun 2022 02:31

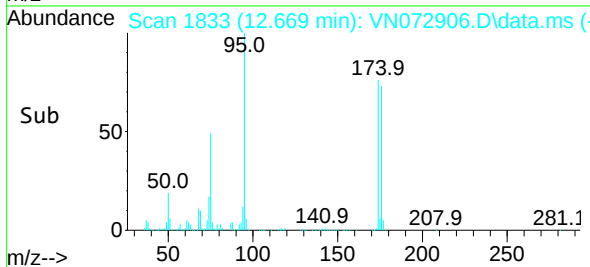
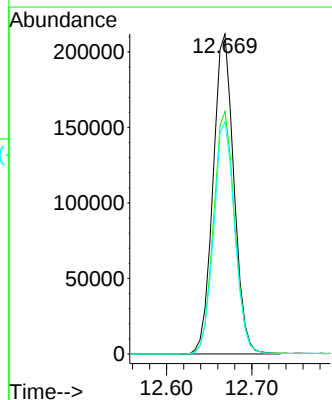
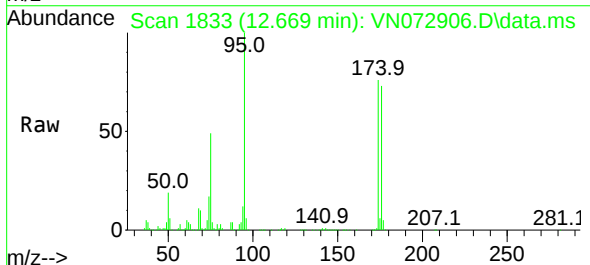
Instrument :
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ClientSampleId :
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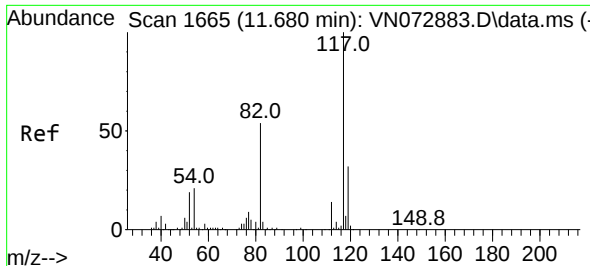
Tgt Ion: 98 Resp: 984006
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.979 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN072906.D
Acq: 17 Jun 2022 02:31

Tgt Ion: 95 Resp: 359089
Ion Ratio Lower Upper
95 100
174 77.3 0.0 167.6
176 73.7 0.0 163.4

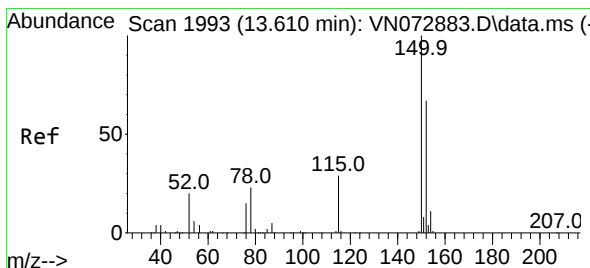
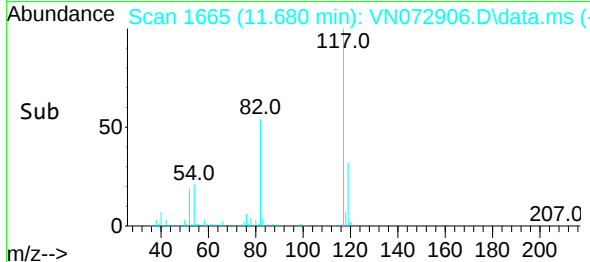
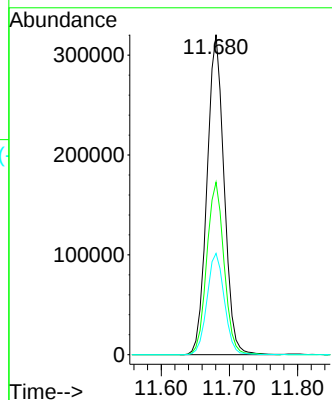
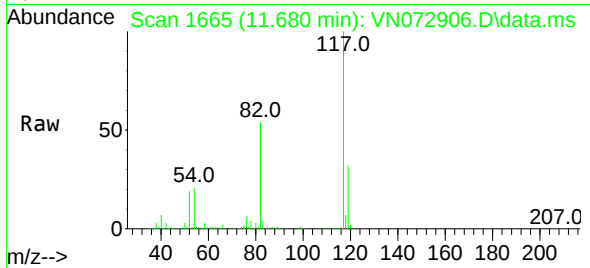




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072906.D
Acq: 17 Jun 2022 02:31

Instrument :
MSVOA_N
ClientSampleId :
TB

Tgt Ion:117 Resp: 558011
Ion Ratio Lower Upper
117 100
82 53.9 44.2 66.2
119 31.6 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: VN072906.D
Acq: 17 Jun 2022 02:31

Tgt Ion:152 Resp: 237853
Ion Ratio Lower Upper
152 100
115 58.5 28.9 86.7
150 157.5 0.0 356.2

