

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080122\
 Data File : VN073658.D
 Acq On : 01 Aug 2022 14:30
 Operator : JC\MD
 Sample : N3974-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Aug 02 05:01:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	359494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	587876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	556574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	269075	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	215689	49.233	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.460%
35) Dibromofluoromethane	7.951	113	200269	54.252	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.500%
50) Toluene-d8	10.380	98	659133	45.375	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.740%
62) 4-Bromofluorobenzene	12.674	95	246454	50.653	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.300%

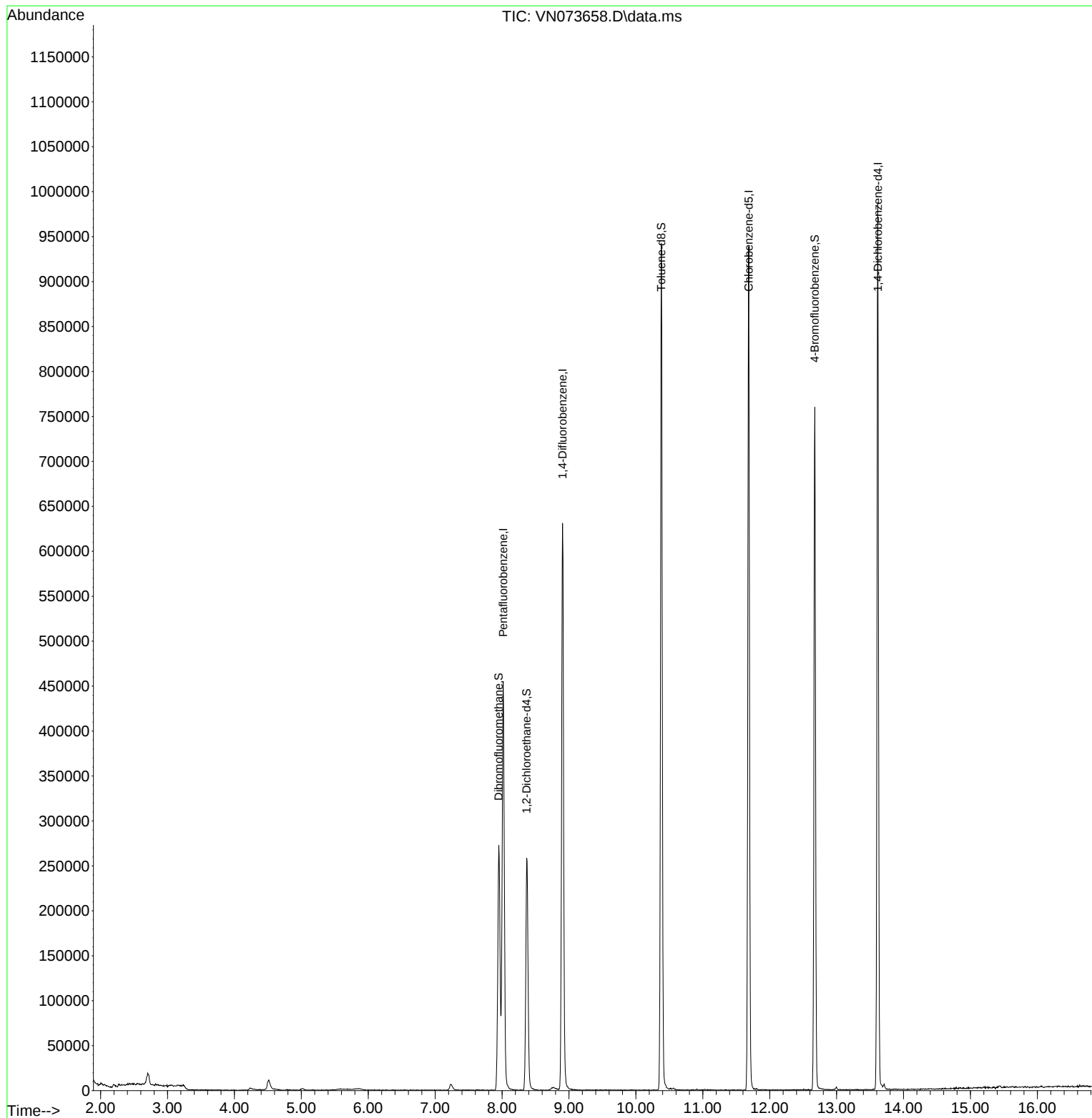
Target Compounds	Qvalue

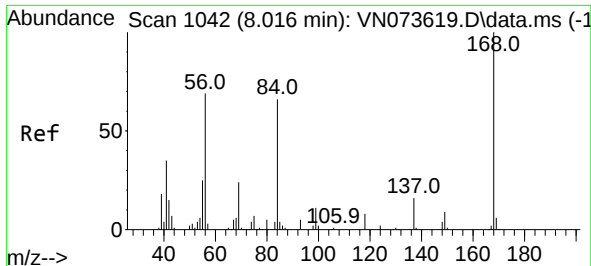
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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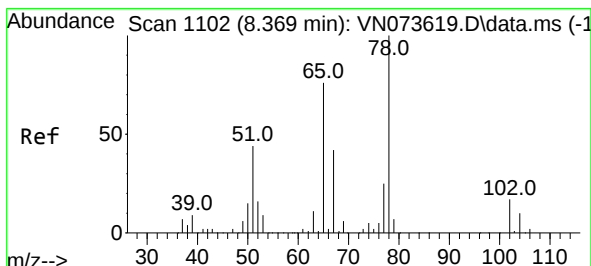
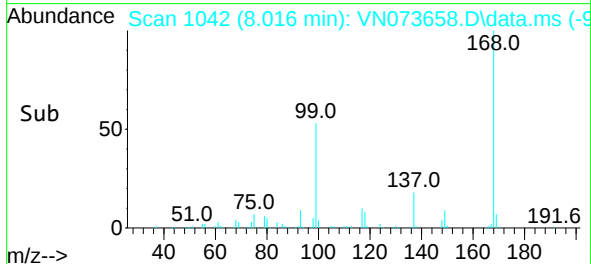
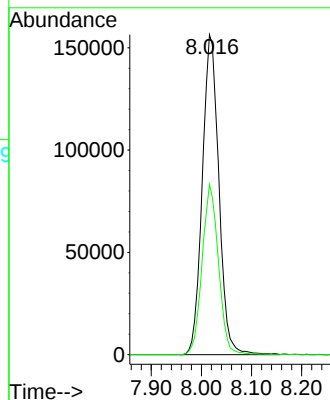
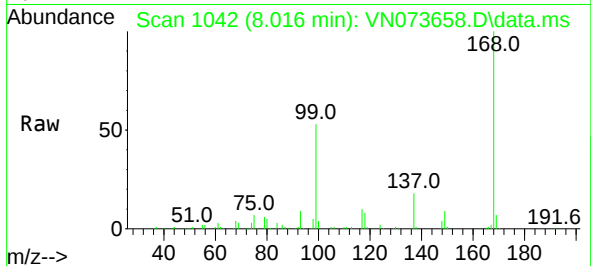




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073658.D
Acq: 01 Aug 2022 14:30

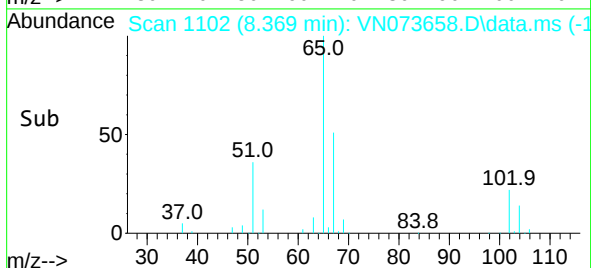
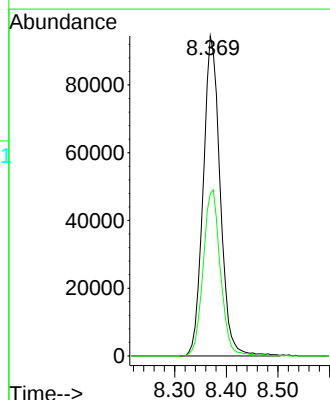
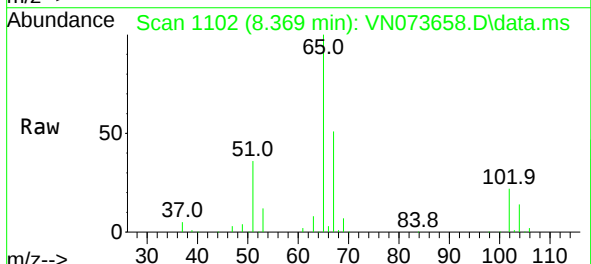
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

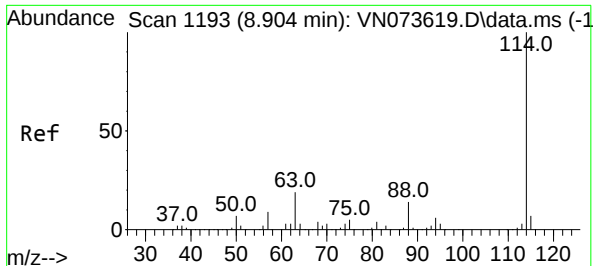
Tgt Ion:168 Resp: 359494
Ion Ratio Lower Upper
168 100
99 53.2 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 49.233 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073658.D
Acq: 01 Aug 2022 14:30

Tgt Ion: 65 Resp: 215689
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073658.D

Acq: 01 Aug 2022 14:30

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

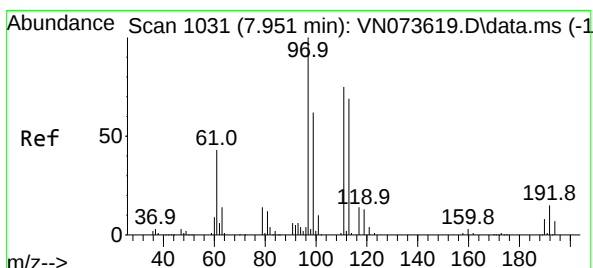
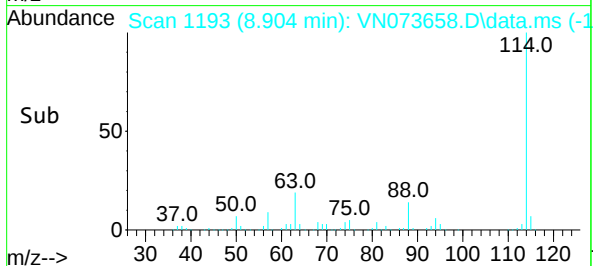
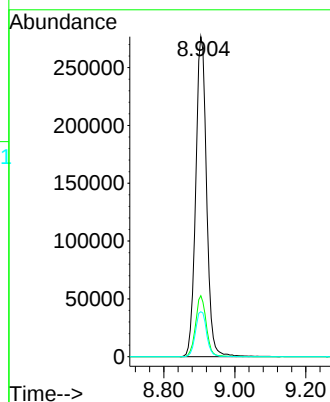
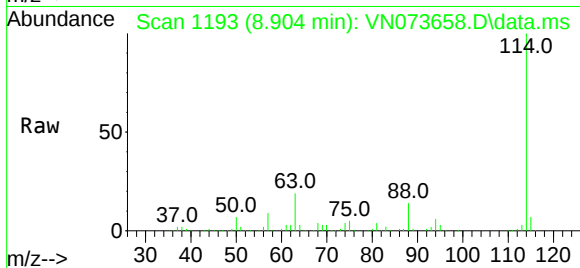
Tgt Ion:114 Resp: 587876

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

88 14.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.252 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073658.D

Acq: 01 Aug 2022 14:30

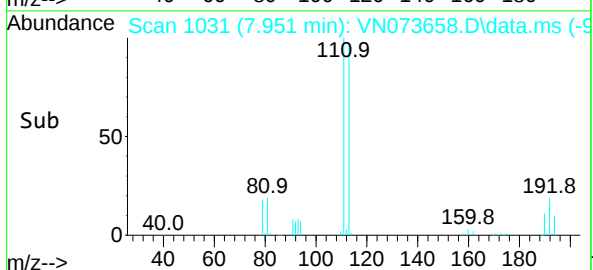
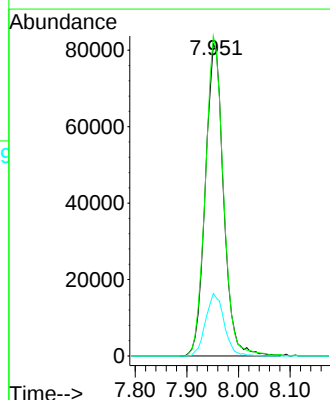
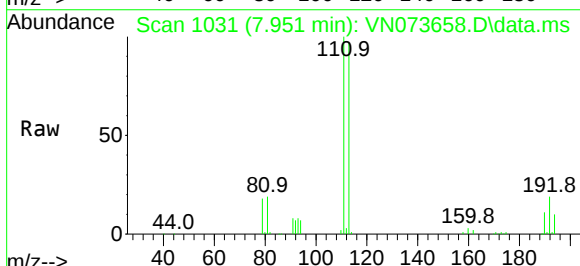
Tgt Ion:113 Resp: 200269

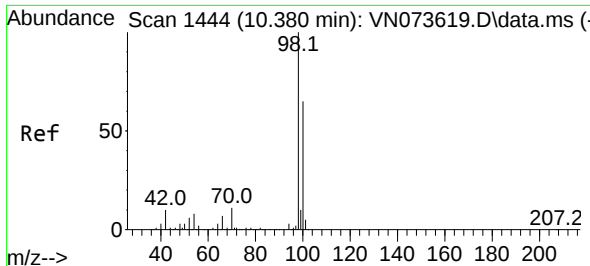
Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

192 20.3 17.0 25.6

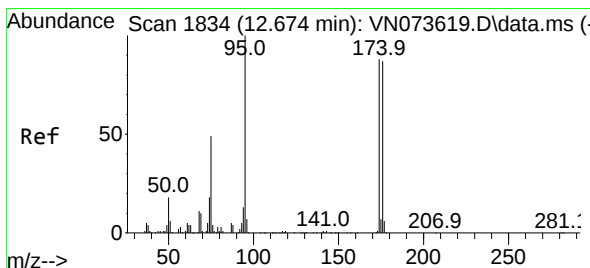
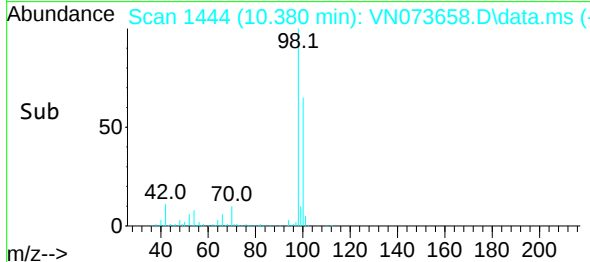
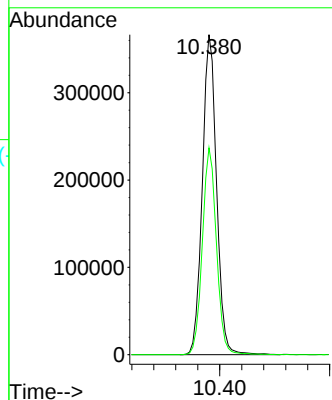
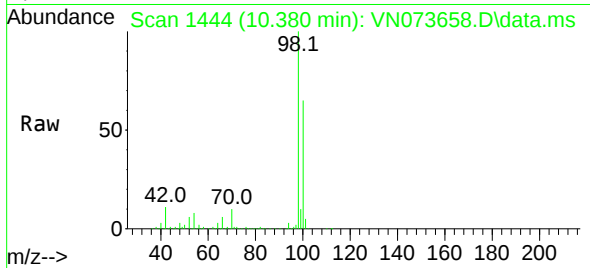




#50
Toluene-d8
Concen: 45.375 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073658.D
Acq: 01 Aug 2022 14:30

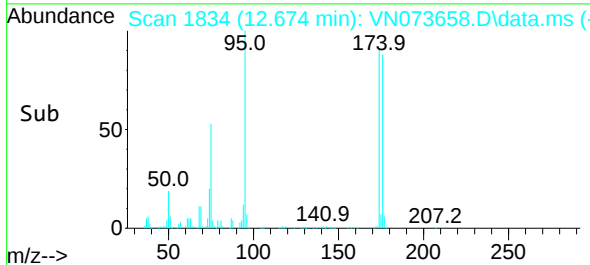
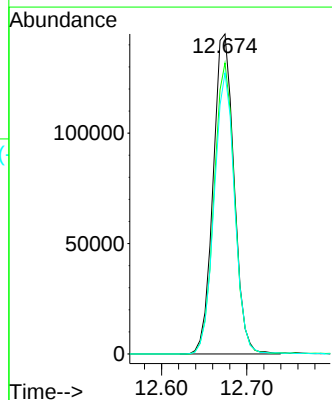
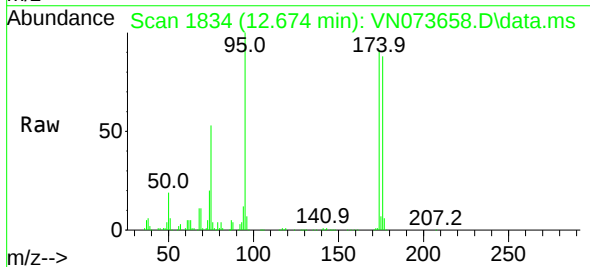
Instrument :
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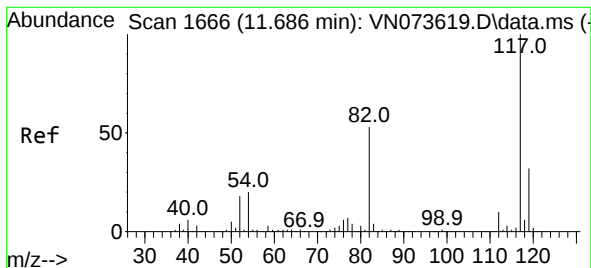
Tgt Ion: 98 Resp: 659133
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.653 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073658.D
Acq: 01 Aug 2022 14:30

Tgt Ion: 95 Resp: 246454
Ion Ratio Lower Upper
95 100
174 88.9 0.0 167.6
176 85.9 0.0 163.4

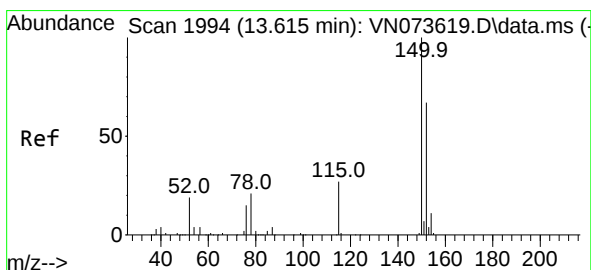
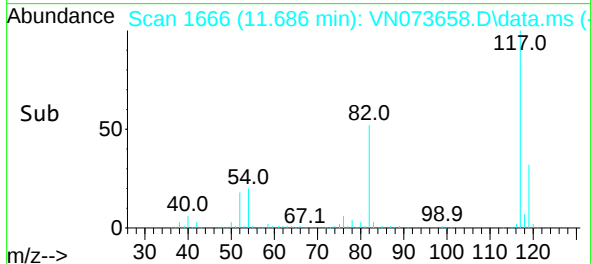
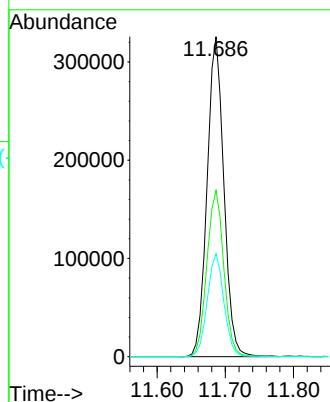
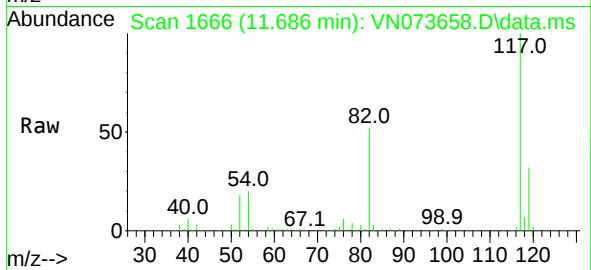




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073658.D
Acq: 01 Aug 2022 14:30

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:117 Resp: 556574
Ion Ratio Lower Upper
117 100
82 51.9 44.2 66.2
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073658.D
Acq: 01 Aug 2022 14:30

Tgt Ion:152 Resp: 269075
Ion Ratio Lower Upper
152 100
115 56.4 28.9 86.7
150 156.7 0.0 356.2

