

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070622\
 Data File : VN073337.D
 Acq On : 06 Jul 2022 11:45
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 07 04:21:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	254507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	428135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	388418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	189202	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	165431	45.026	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.060%
35) Dibromofluoromethane	7.951	113	137511	48.276	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.560%
50) Toluene-d8	10.380	98	444955	43.982	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	87.960%
62) 4-Bromofluorobenzene	12.668	95	193743	49.833	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.660%

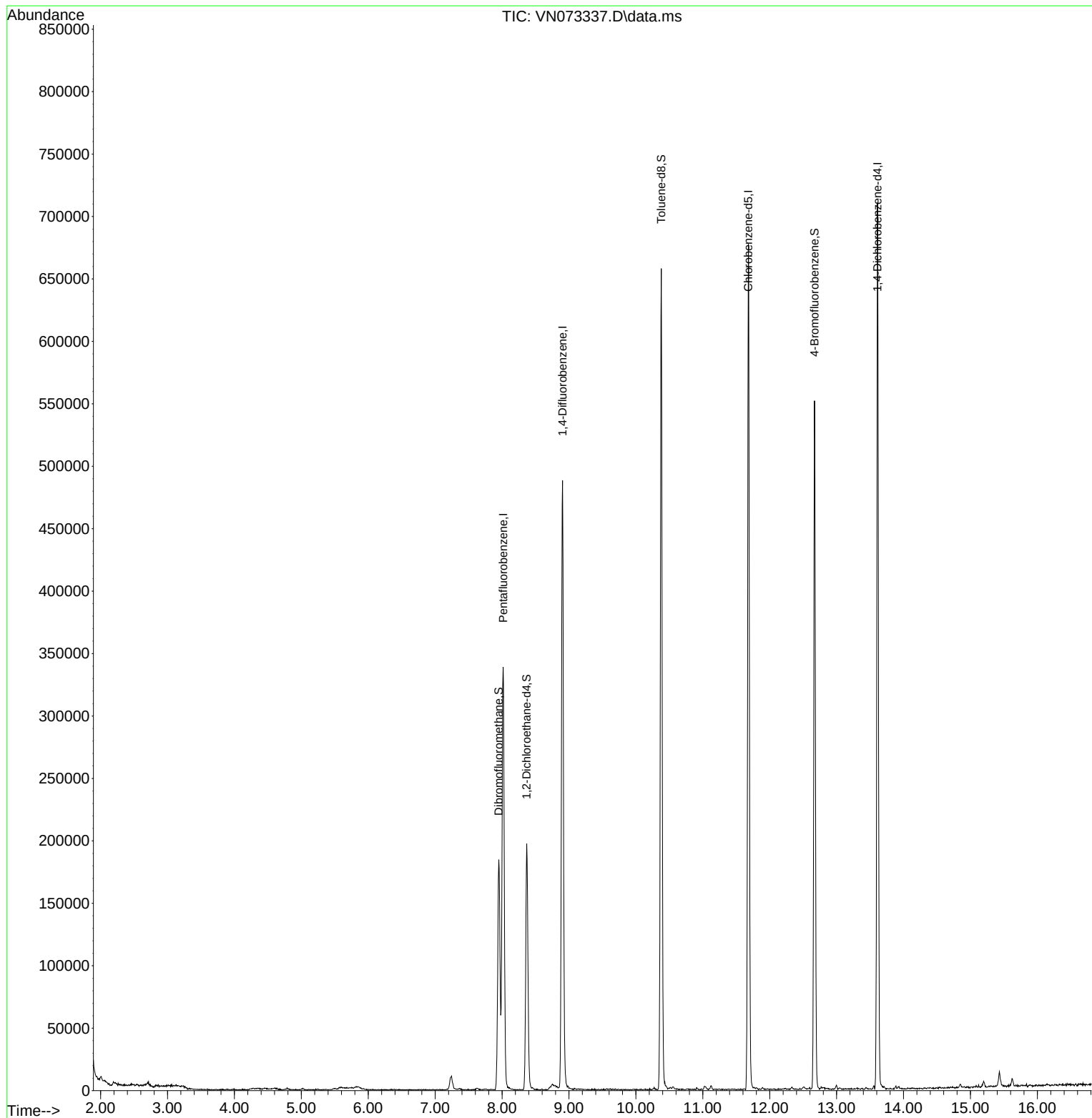
Target Compounds	Qvalue

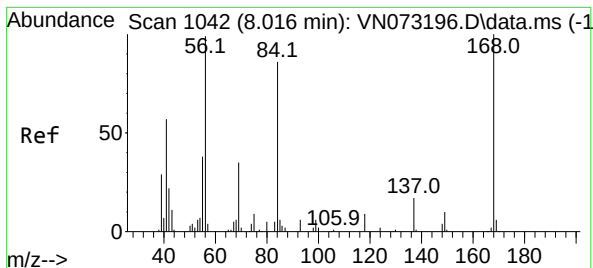
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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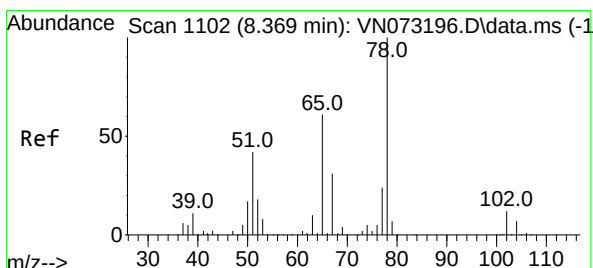
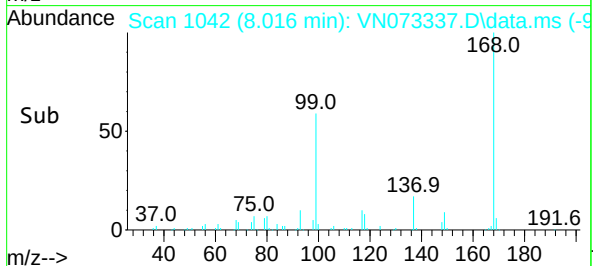
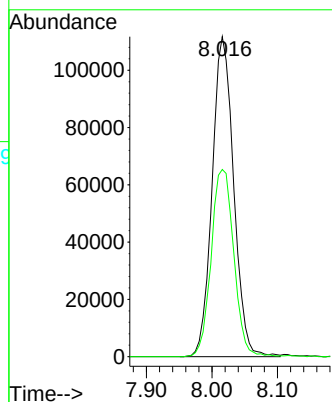
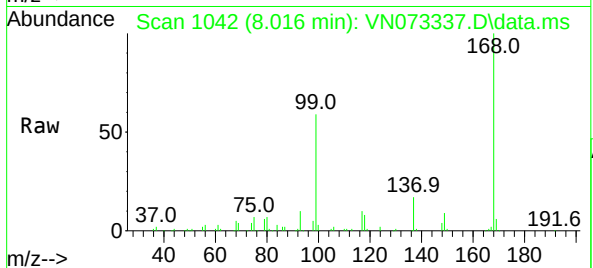




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073337.D
Acq: 06 Jul 2022 11:45

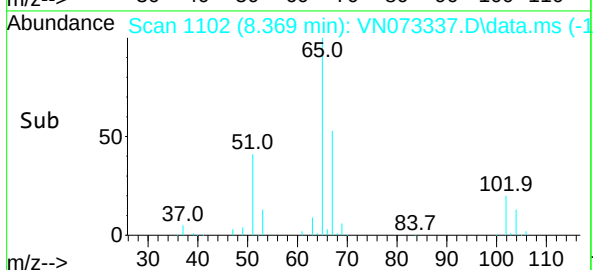
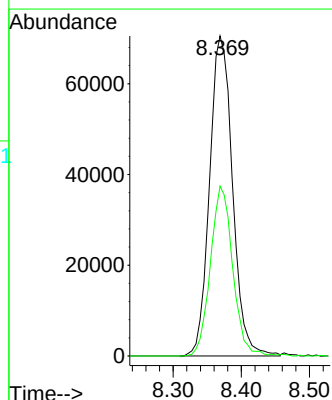
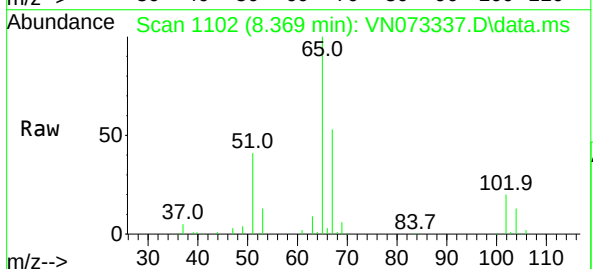
Instrument :
MSVOA_N
ClientSampleId :
IBLK

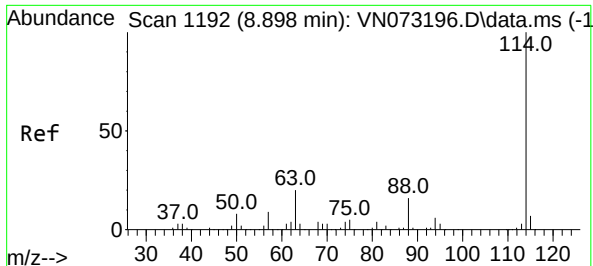
Tgt Ion:168 Resp: 254507
Ion Ratio Lower Upper
168 100
99 58.5 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 45.026 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073337.D
Acq: 06 Jul 2022 11:45

Tgt Ion: 65 Resp: 165431
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073337.D

Acq: 06 Jul 2022 11:45

Instrument :

MSVOA_N

ClientSampleId :

IBLK

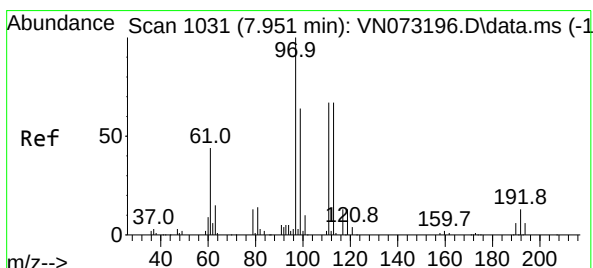
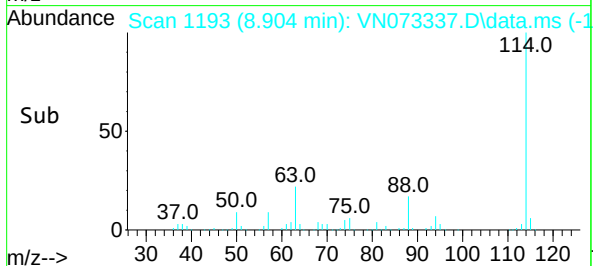
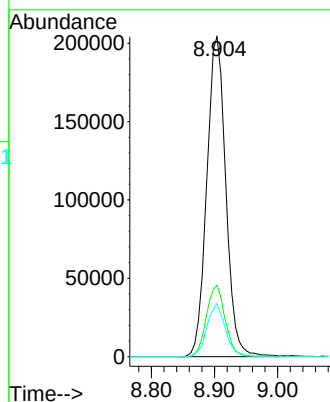
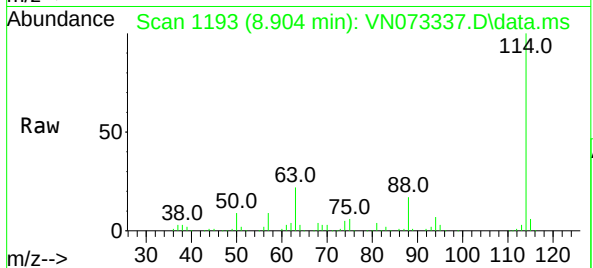
Tgt Ion:114 Resp: 428135

Ion Ratio Lower Upper

114 100

63 22.3 0.0 40.0

88 16.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.276 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073337.D

Acq: 06 Jul 2022 11:45

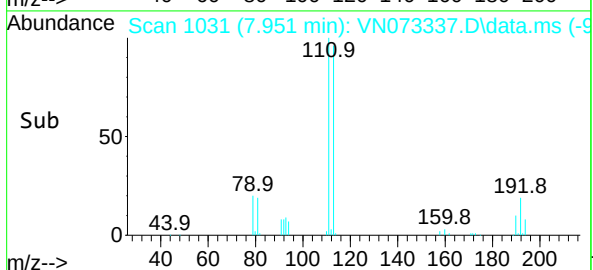
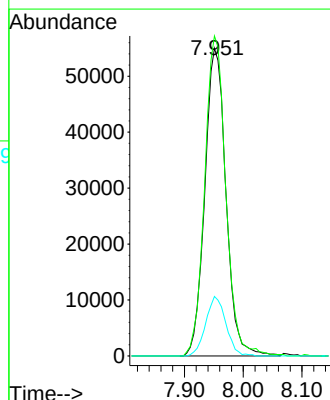
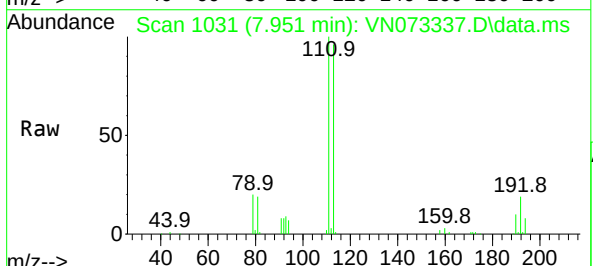
Tgt Ion:113 Resp: 137511

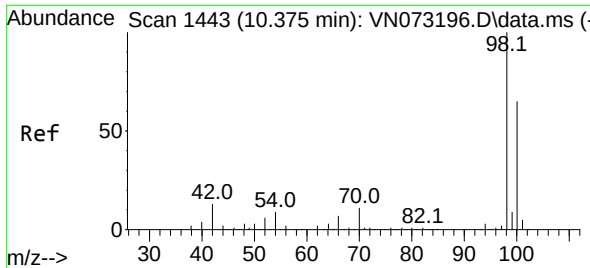
Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.0

192 18.5 17.0 25.6

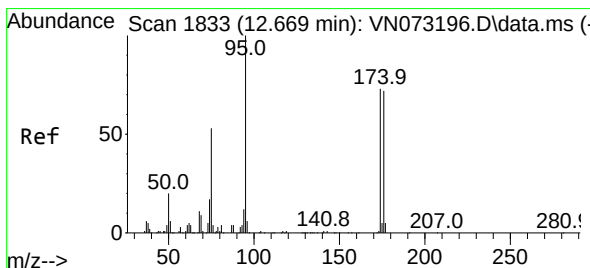
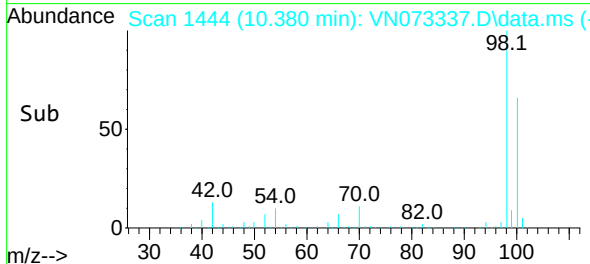
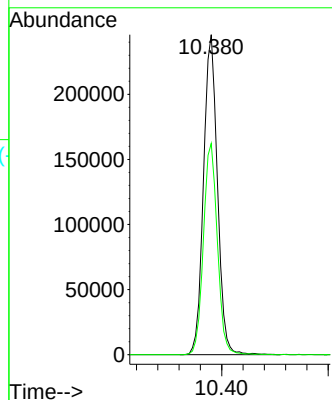
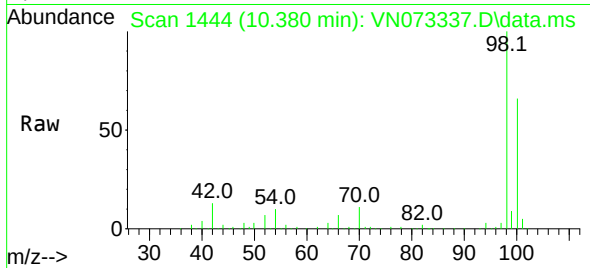




#50
Toluene-d8
Concen: 43.982 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073337.D
Acq: 06 Jul 2022 11:45

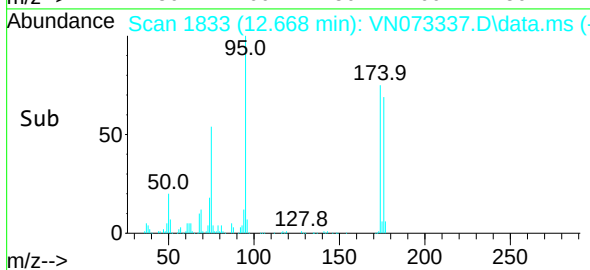
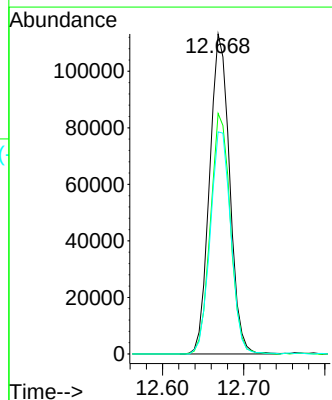
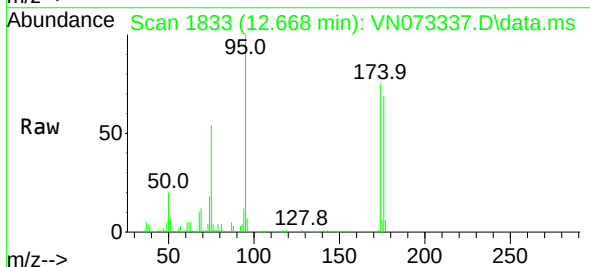
Instrument :
MSVOA_N
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IBLK

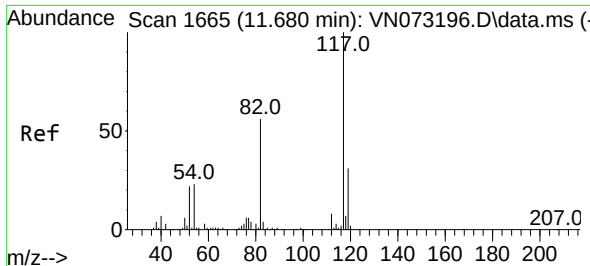
Tgt Ion: 98 Resp: 444955
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.833 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073337.D
Acq: 06 Jul 2022 11:45

Tgt Ion: 95 Resp: 193743
Ion Ratio Lower Upper
95 100
174 74.7 0.0 167.6
176 71.3 0.0 163.4

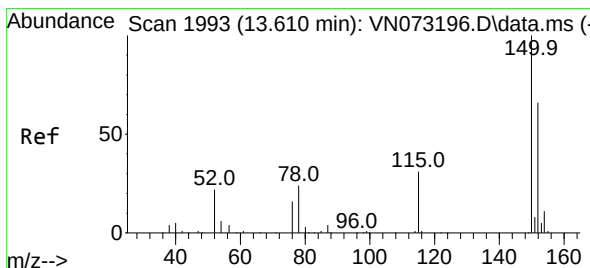
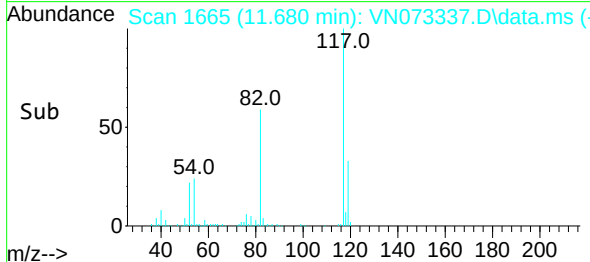
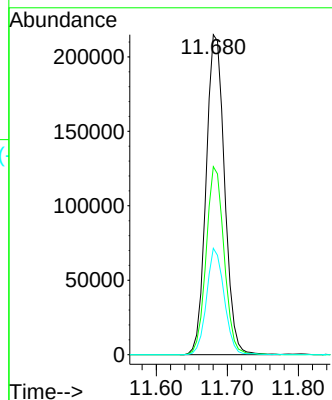
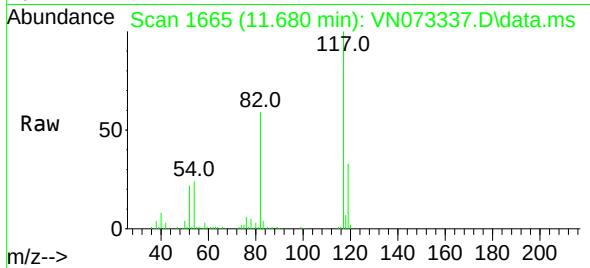




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073337.D
Acq: 06 Jul 2022 11:45

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 388418
Ion Ratio Lower Upper
117 100
82 58.7 44.2 66.2
119 33.2 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: VN073337.D
Acq: 06 Jul 2022 11:45

Tgt Ion:152 Resp: 189202
Ion Ratio Lower Upper
152 100
115 59.5 28.9 86.7
150 153.1 0.0 356.2

