

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082422\
 Data File : VN074088.D
 Acq On : 24 Aug 2022 13:47
 Operator : JC\MD
 Sample : N4244-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-105I

Quant Time: Aug 25 07:53:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	616826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	928529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.687	117	769845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	336729	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	311276	51.811	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.620%
35) Dibromofluoromethane	7.952	113	277074	50.458	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.920%
50) Toluene-d8	10.381	98	1024181	48.158	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.320%
62) 4-Bromofluorobenzene	12.669	95	322807	45.735	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.480%

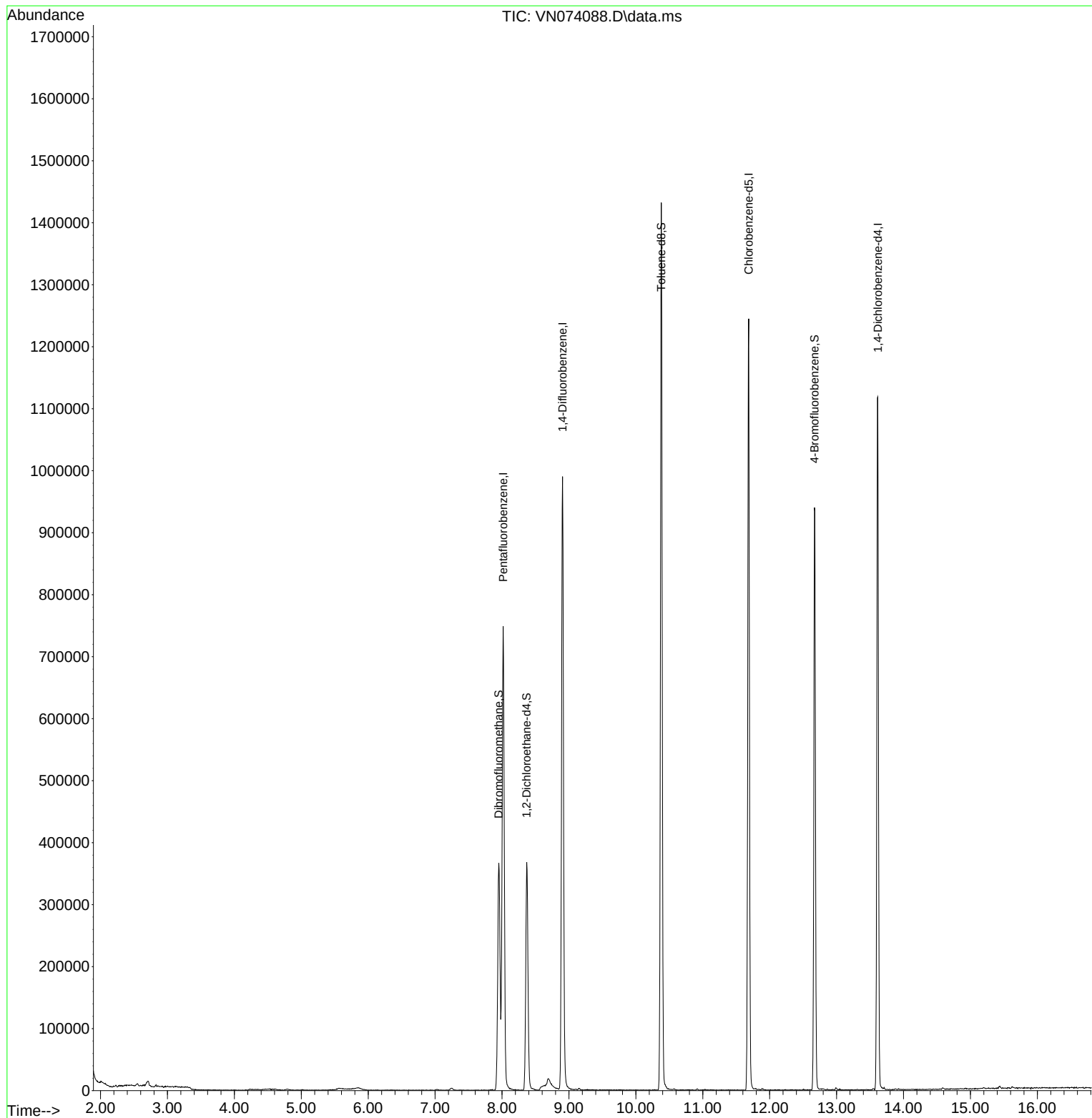
Target Compounds	Qvalue

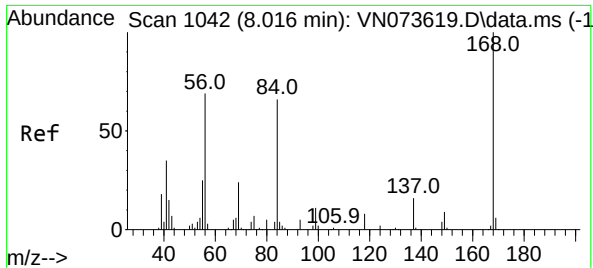
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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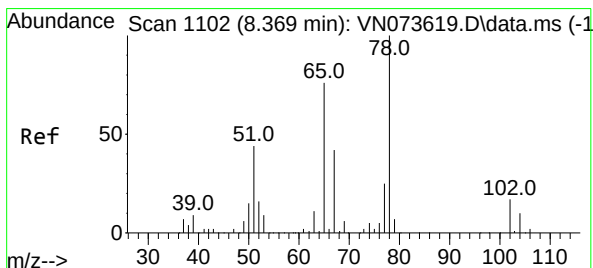
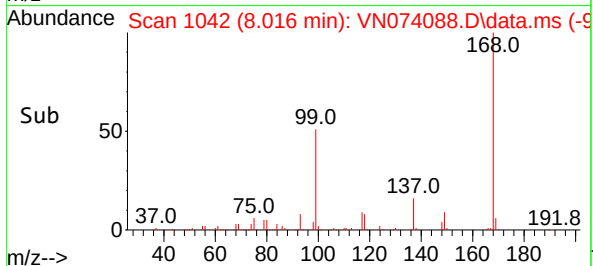
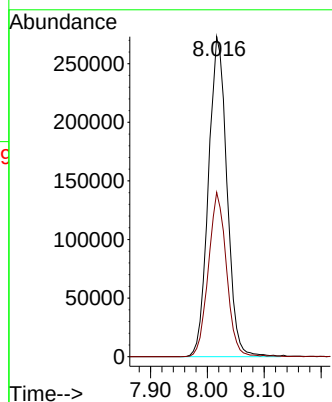
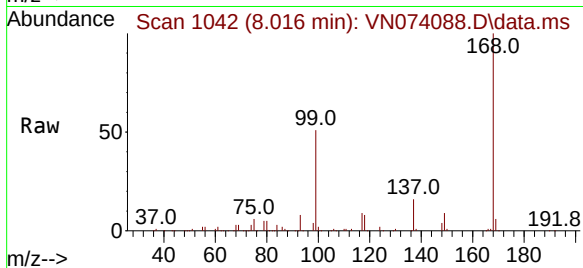




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN074088.D
Acq: 24 Aug 2022 13:47

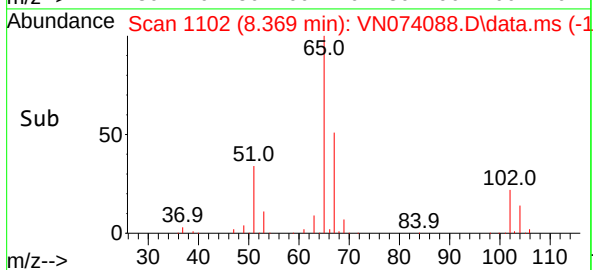
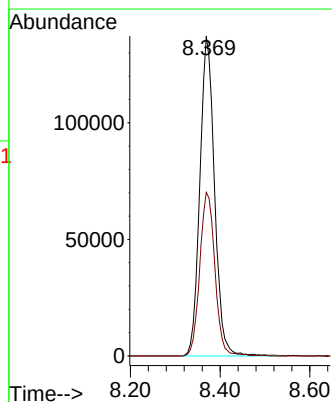
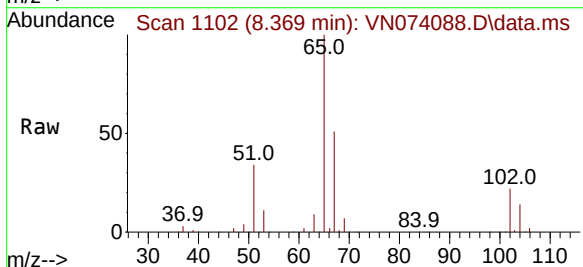
Instrument :
MSVOA_N
ClientSampleId :
MW-105I

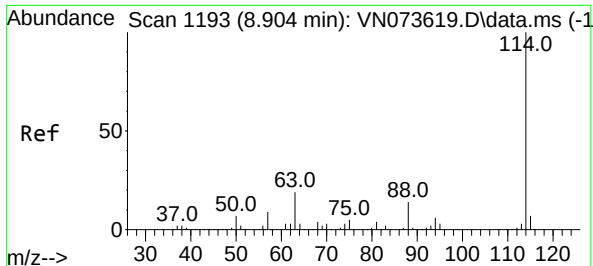
Tgt Ion:168 Resp: 616826
Ion Ratio Lower Upper
168 100
99 51.4 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 51.811 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN074088.D
Acq: 24 Aug 2022 13:47

Tgt Ion: 65 Resp: 311276
Ion Ratio Lower Upper
65 100
67 52.7 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: VN074088.D

Acq: 24 Aug 2022 13:47

Instrument :

MSVOA_N

ClientSampleId :

MW-105I

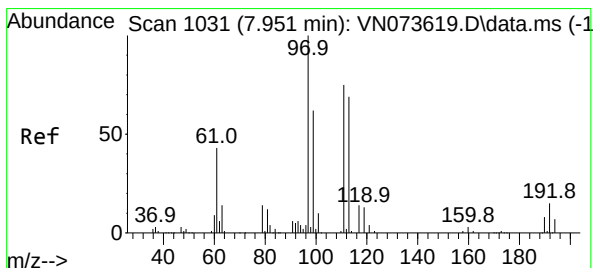
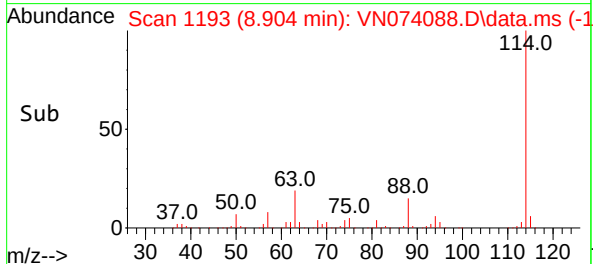
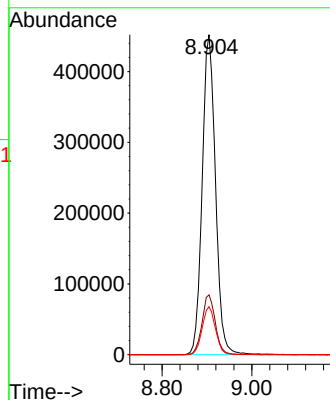
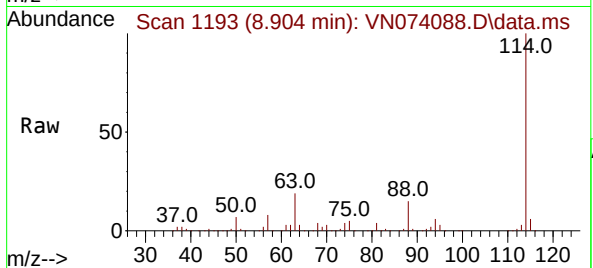
Tgt Ion:114 Resp: 928529

Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.0

88 15.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.458 ug/l

RT: 7.952 min Scan# 1031

Delta R.T. 0.001 min

Lab File: VN074088.D

Acq: 24 Aug 2022 13:47

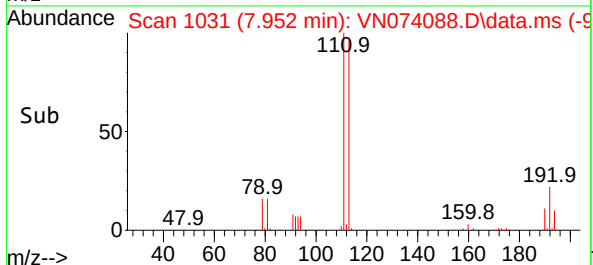
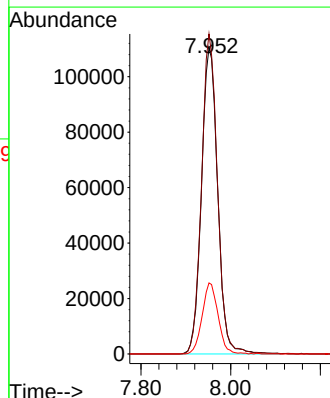
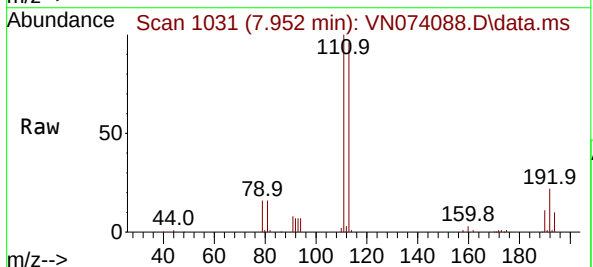
Tgt Ion:113 Resp: 277074

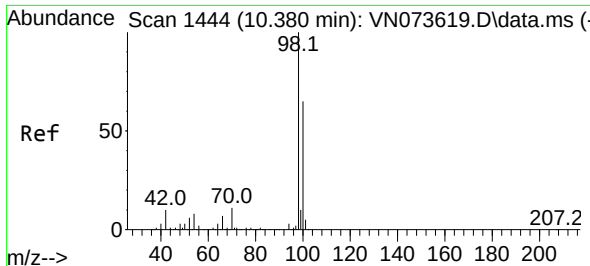
Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 22.8 17.0 25.6

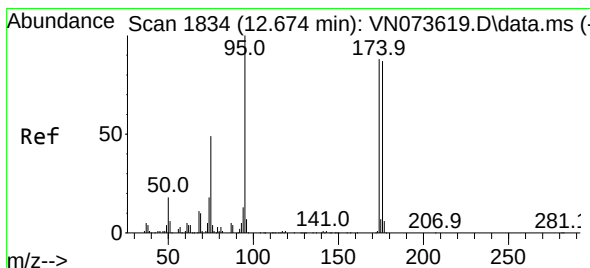
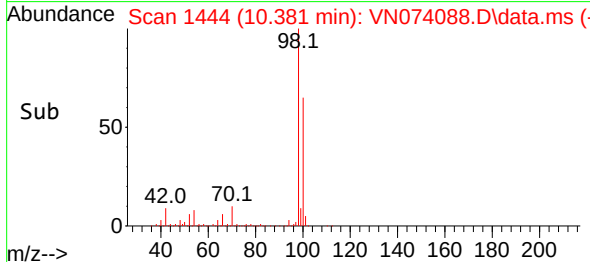
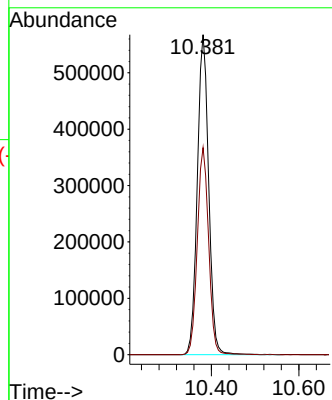
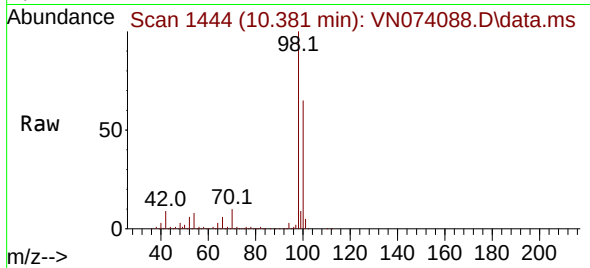




#50
Toluene-d8
Concen: 48.158 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074088.D
Acq: 24 Aug 2022 13:47

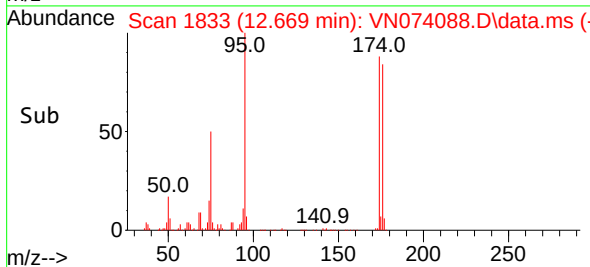
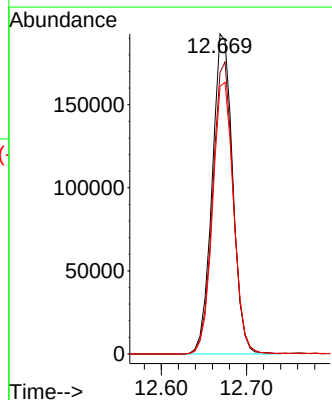
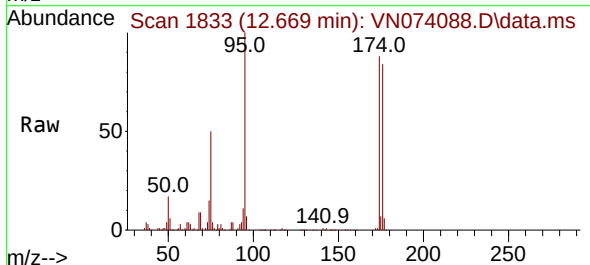
Instrument :
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MW-105I

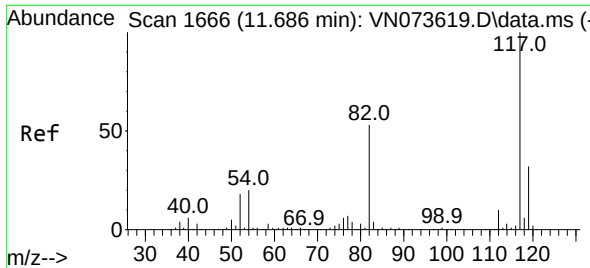
Tgt Ion: 98 Resp: 1024181
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.735 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN074088.D
Acq: 24 Aug 2022 13:47

Tgt Ion: 95 Resp: 322807
Ion Ratio Lower Upper
95 100
174 91.4 0.0 167.6
176 86.4 0.0 163.4

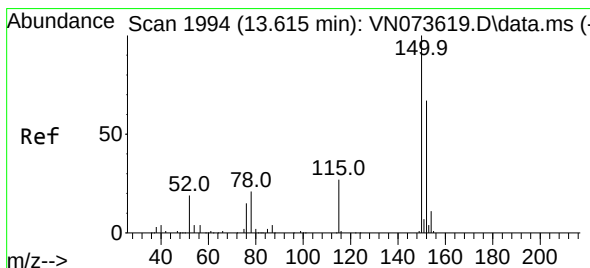
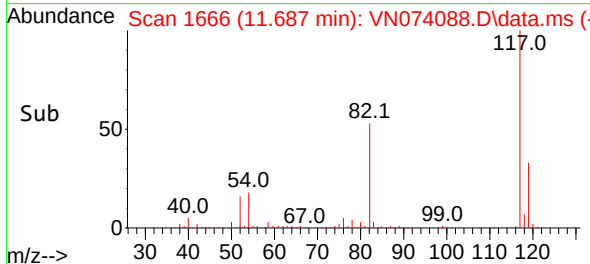
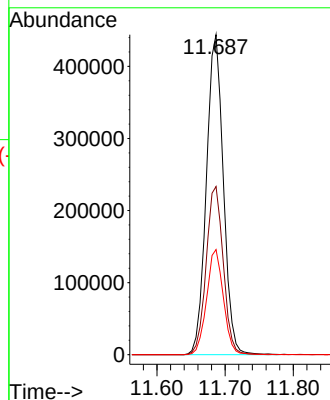
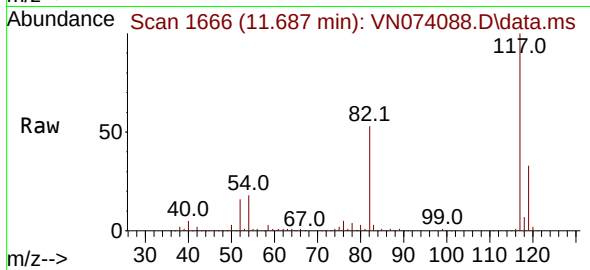




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.687 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN074088.D
Acq: 24 Aug 2022 13:47

Instrument :
MSVOA_N
ClientSampleId :
MW-105I

Tgt Ion:117 Resp: 769845
Ion Ratio Lower Upper
117 100
82 52.5 44.2 66.2
119 32.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074088.D
Acq: 24 Aug 2022 13:47

Tgt Ion:152 Resp: 336729
Ion Ratio Lower Upper
152 100
115 54.7 28.9 86.7
150 158.4 0.0 356.2

