

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082222\
 Data File : VN074044.D
 Acq On : 22 Aug 2022 13:47
 Operator : JC\MD
 Sample : VN0822WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0822WBL01

Quant Time: Aug 22 14:08:47 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	482130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	739794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	712325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	409891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	239770	51.059	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.120%	
35) Dibromofluoromethane	7.951	113	233543	53.381	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.760%	
50) Toluene-d8	10.380	98	779461	46.001	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 92.000%	
62) 4-Bromofluorobenzene	12.668	95	339252	60.328	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 120.660%	

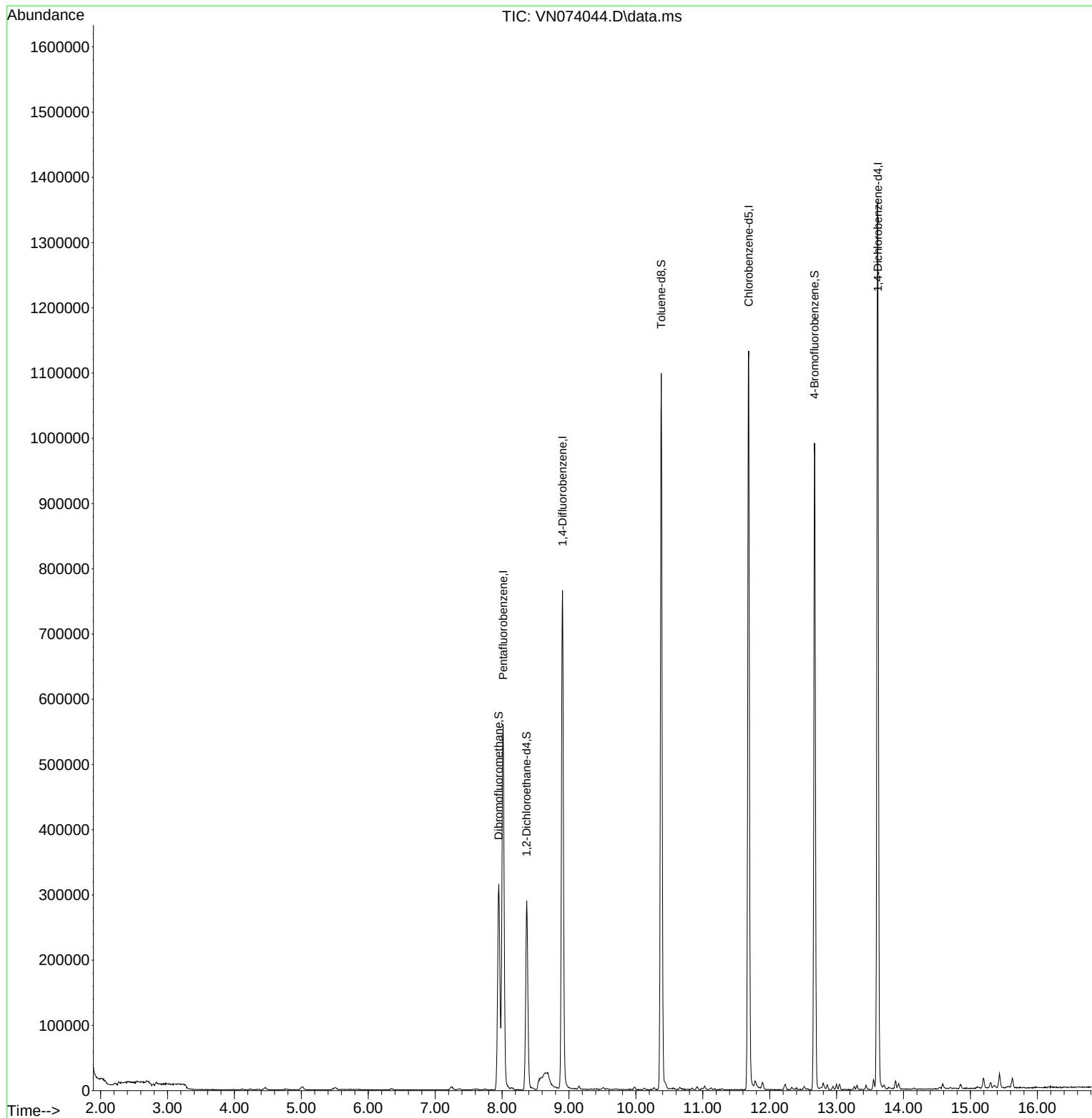
Target Compounds Qvalue

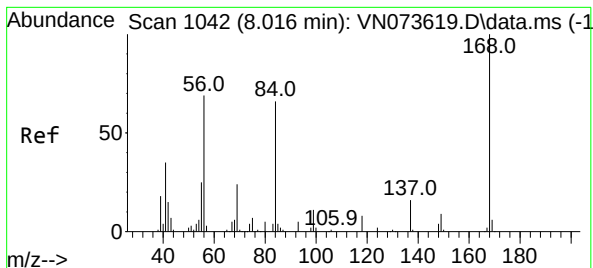
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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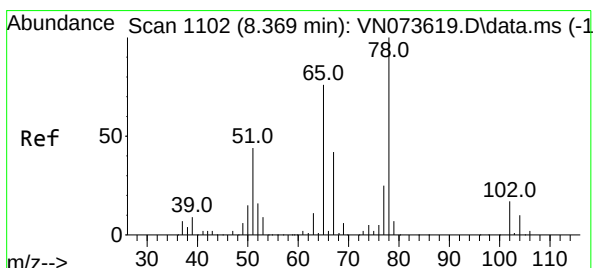
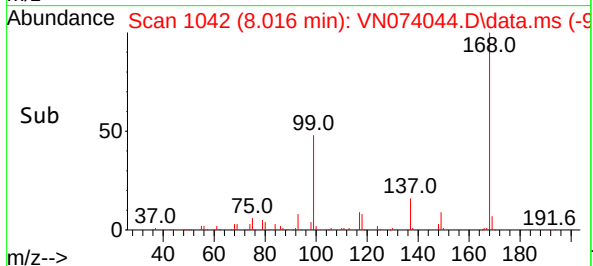
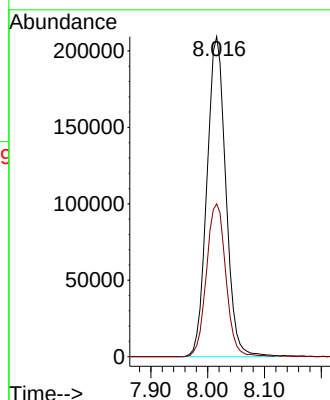
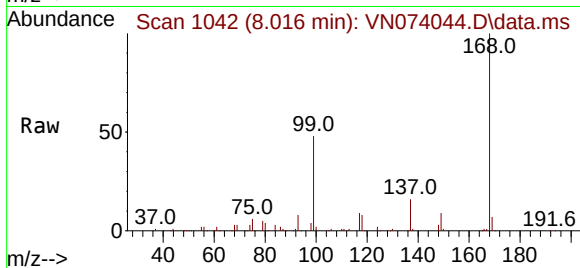




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074044.D
Acq: 22 Aug 2022 13:47

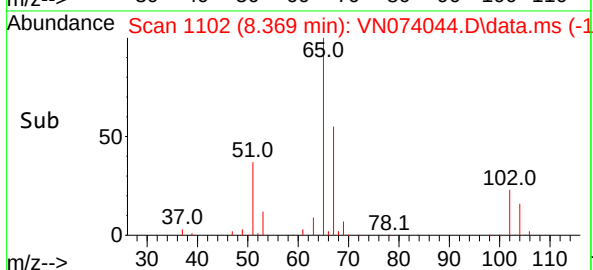
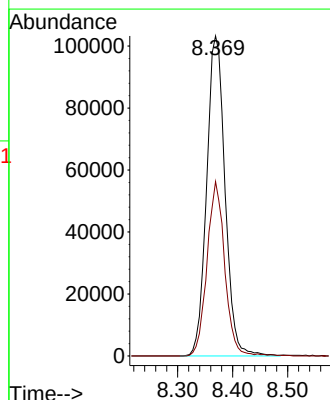
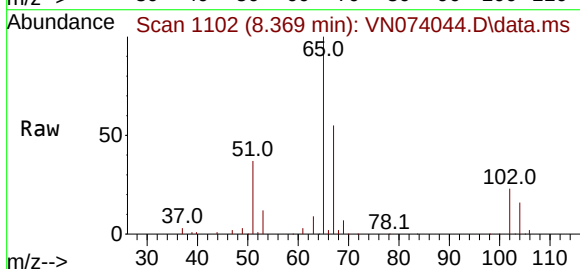
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBL01

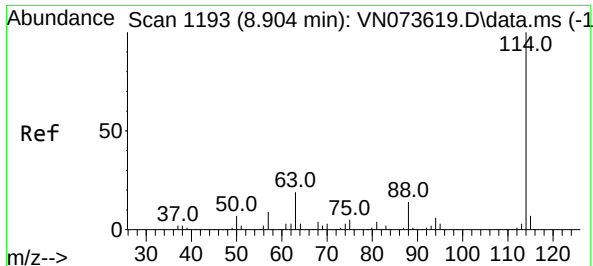
Tgt Ion:168 Resp: 482130
Ion Ratio Lower Upper
168 100
99 47.7 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 51.059 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074044.D
Acq: 22 Aug 2022 13:47

Tgt Ion: 65 Resp: 239770
Ion Ratio Lower Upper
65 100
67 52.6 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: VN074044.D

Acq: 22 Aug 2022 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0822WBL01

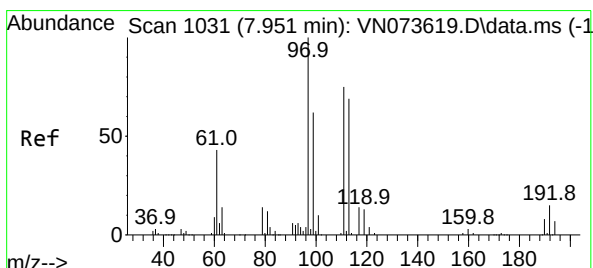
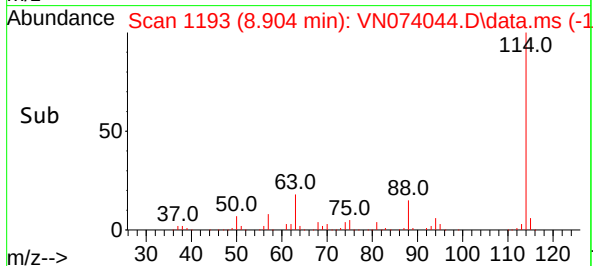
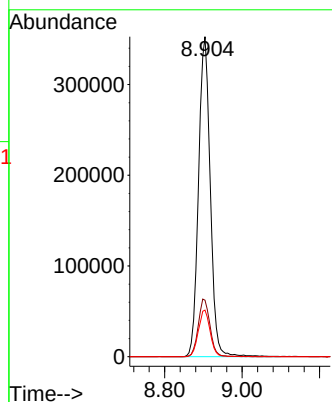
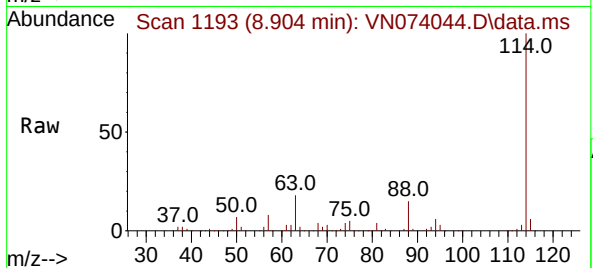
Tgt Ion:114 Resp: 739794

Ion Ratio Lower Upper

114 100

63 17.7 0.0 40.0

88 14.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.381 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074044.D

Acq: 22 Aug 2022 13:47

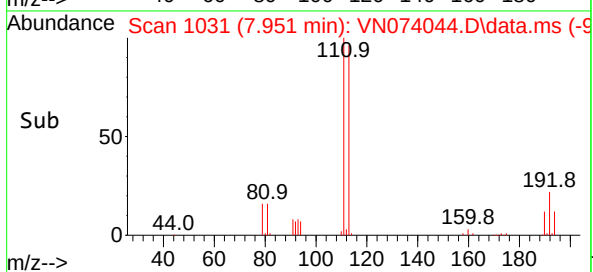
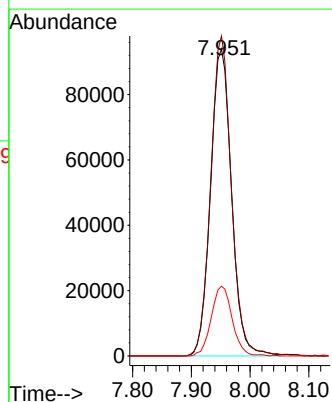
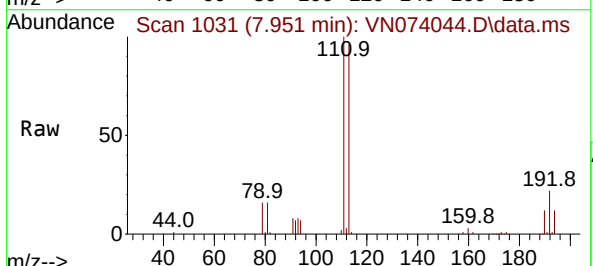
Tgt Ion:113 Resp: 233543

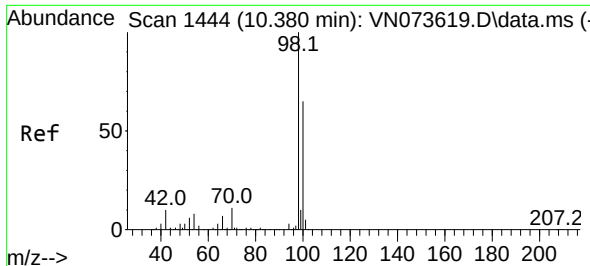
Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

192 22.6 17.0 25.6

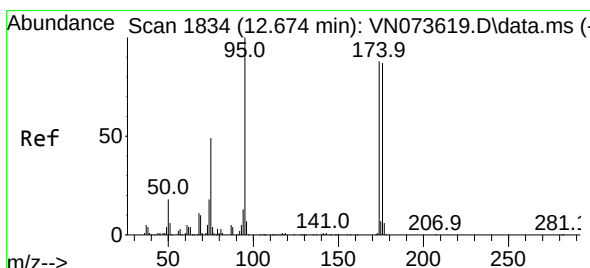
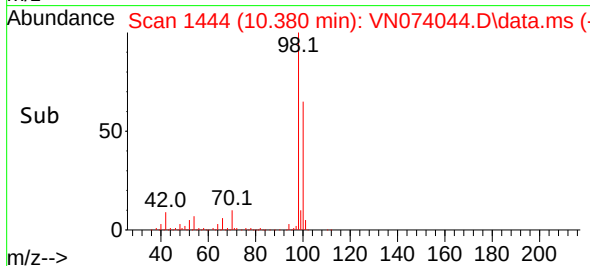
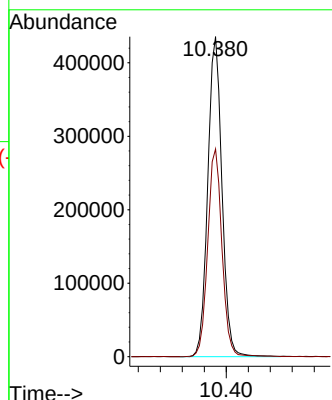
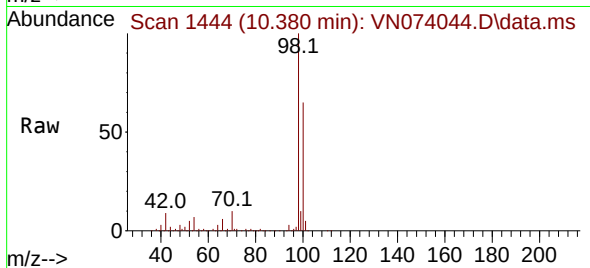




#50
Toluene-d8
Concen: 46.001 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074044.D
Acq: 22 Aug 2022 13:47

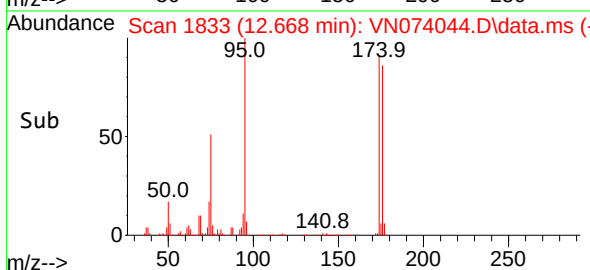
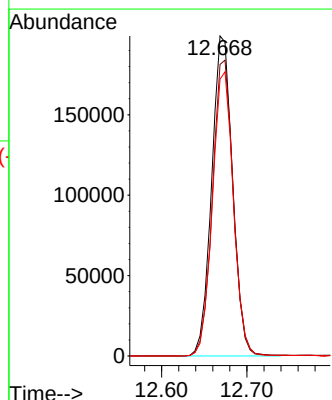
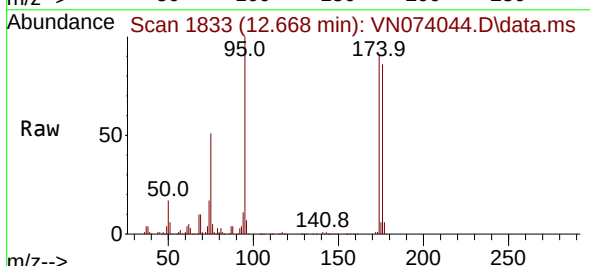
Instrument :
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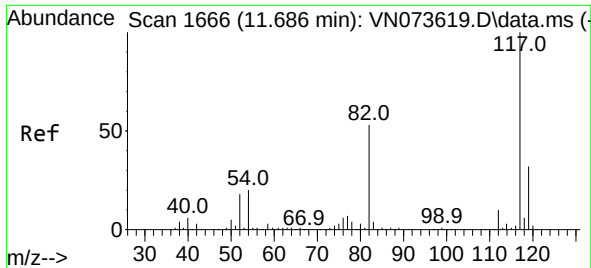
Tgt Ion: 98 Resp: 779461
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 60.328 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN074044.D
Acq: 22 Aug 2022 13:47

Tgt Ion: 95 Resp: 339252
Ion Ratio Lower Upper
95 100
174 92.4 0.0 167.6
176 88.7 0.0 163.4

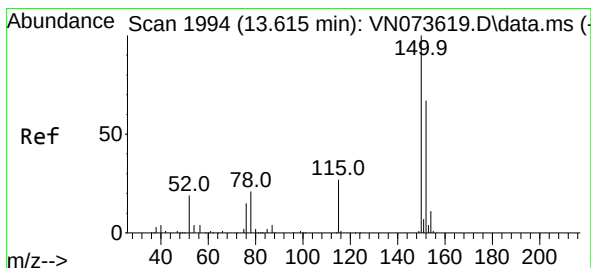
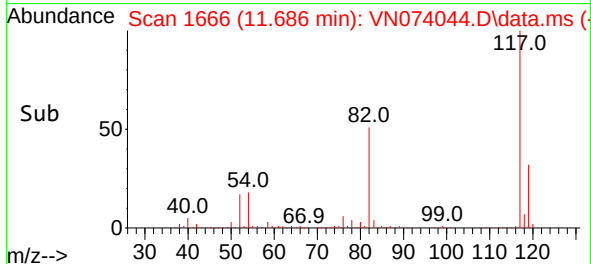
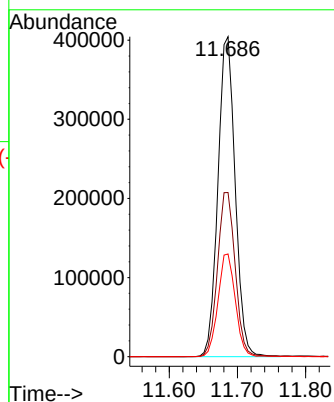
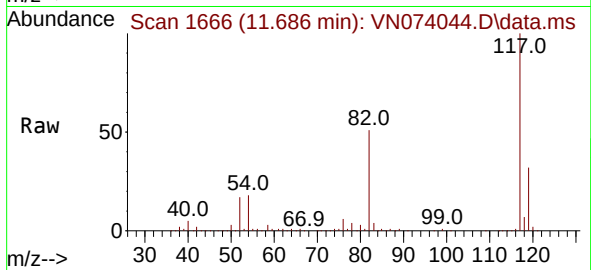




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074044.D
Acq: 22 Aug 2022 13:47

Instrument :
MSVOA_N
ClientSampleId :
VN0822WBL01

Tgt Ion:117 Resp: 712325
Ion Ratio Lower Upper
117 100
82 51.3 44.2 66.2
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074044.D
Acq: 22 Aug 2022 13:47

Tgt Ion:152 Resp: 409891
Ion Ratio Lower Upper
152 100
115 55.3 28.9 86.7
150 155.7 0.0 356.2

