

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081022\
 Data File : VN073794.D
 Acq On : 10 Aug 2022 12:58
 Operator : JC\MD
 Sample : VN0810MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810MBL01

Quant Time: Aug 10 22:53:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	418213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	651243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	594474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	264279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	225602	44.265	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.540%
35) Dibromofluoromethane	7.951	113	216949	53.052	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.100%
50) Toluene-d8	10.380	98	690449	42.906	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	85.820%#
62) 4-Bromofluorobenzene	12.674	95	242049	43.240	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.480%

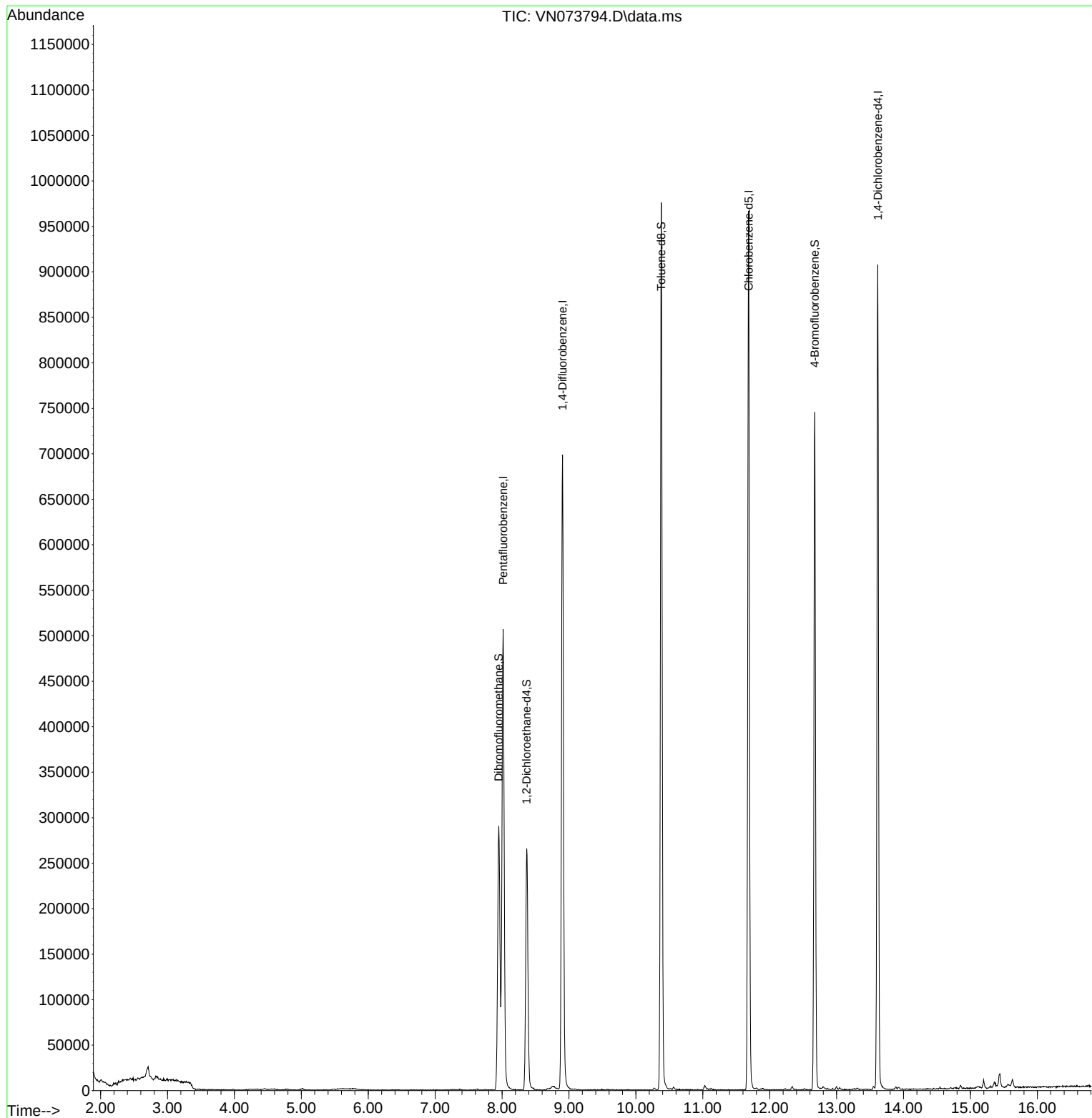
Target Compounds	Qvalue

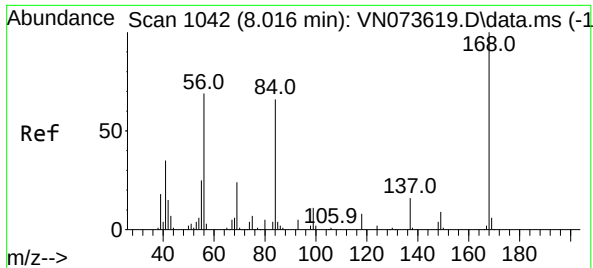
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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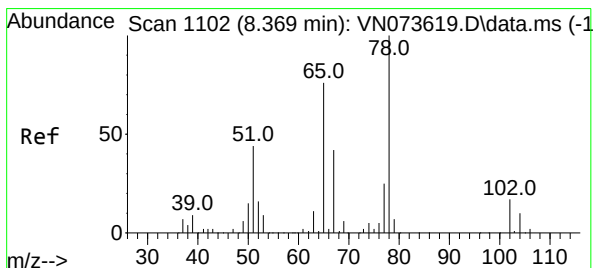
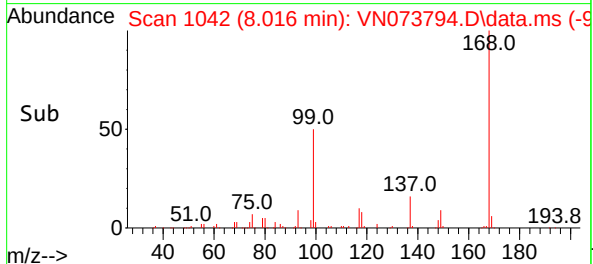
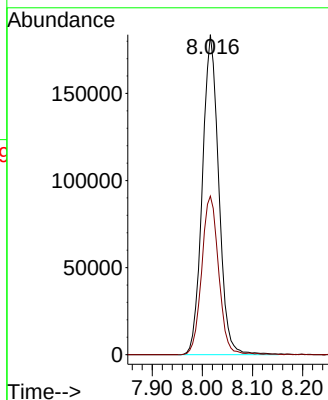
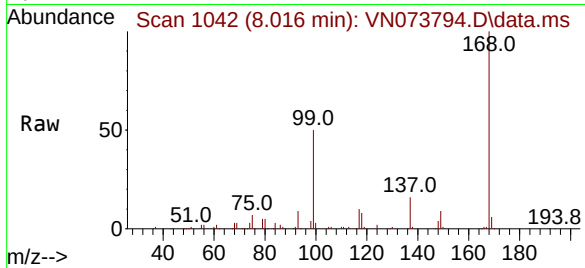




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073794.D
Acq: 10 Aug 2022 12:58

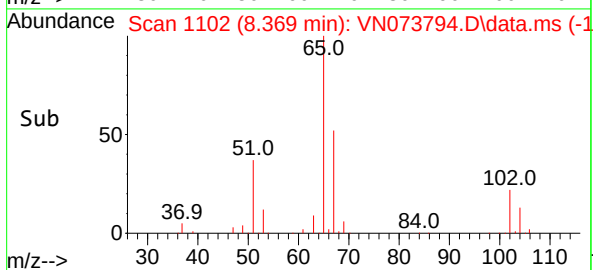
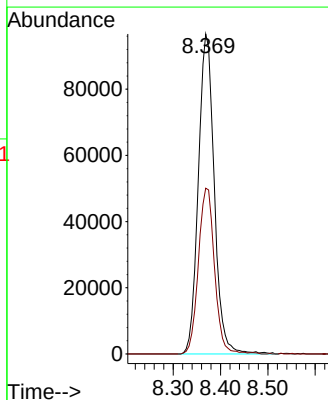
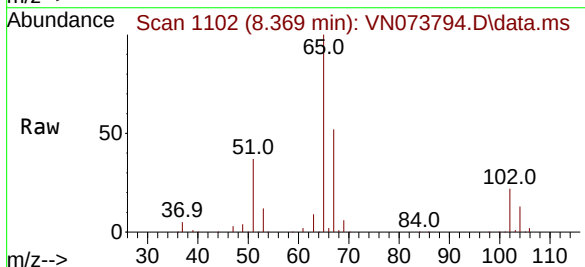
Instrument :
MSVOA_N
ClientSampleId :
VN0810MBL01

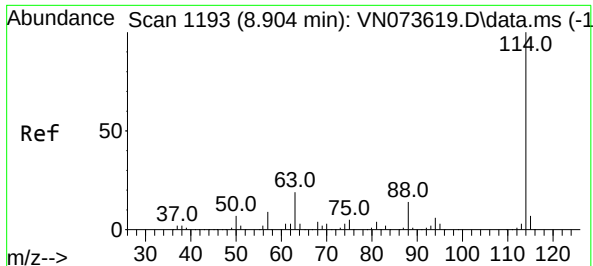
Tgt Ion:168 Resp: 418213
Ion Ratio Lower Upper
168 100
99 49.5 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 44.265 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073794.D
Acq: 10 Aug 2022 12:58

Tgt Ion: 65 Resp: 225602
Ion Ratio Lower Upper
65 100
67 52.4 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: VN073794.D

Acq: 10 Aug 2022 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0810MBL01

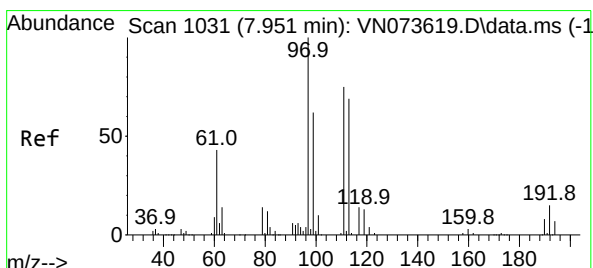
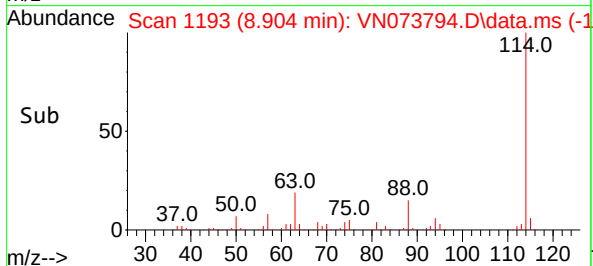
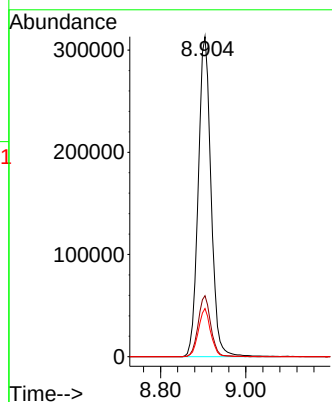
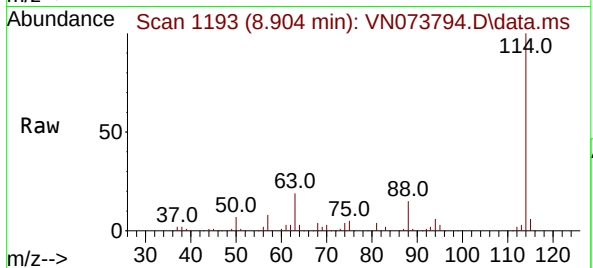
Tgt Ion:114 Resp: 651243

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

88 15.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.052 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073794.D

Acq: 10 Aug 2022 12:58

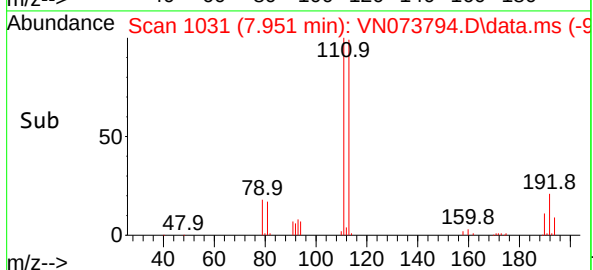
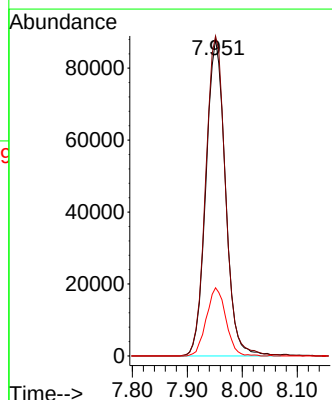
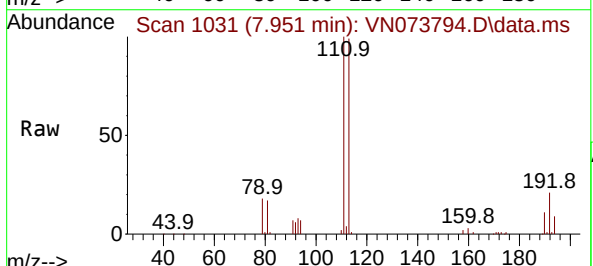
Tgt Ion:113 Resp: 216949

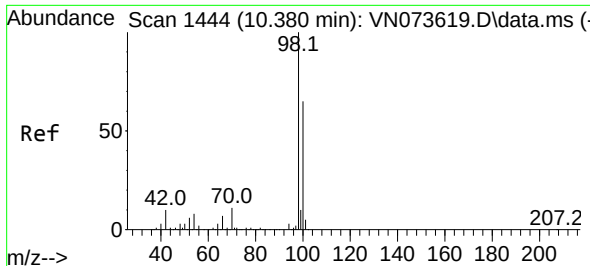
Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

192 21.6 17.0 25.6

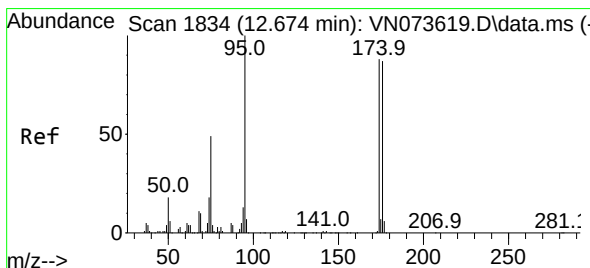
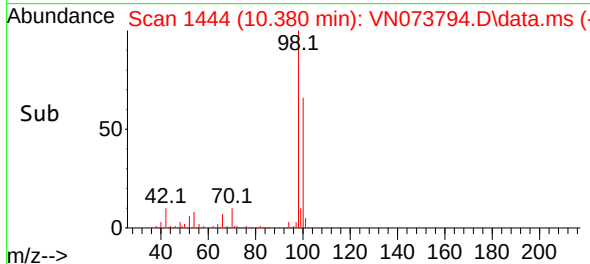
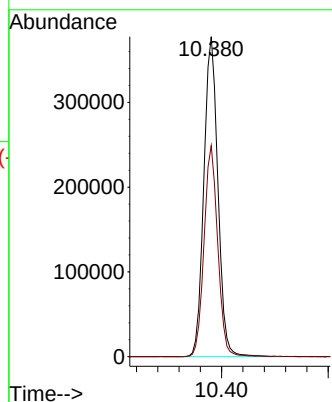
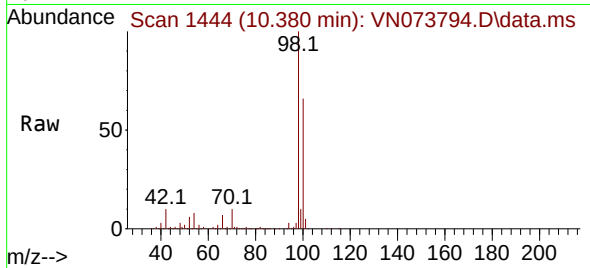




#50
Toluene-d8
Concen: 42.906 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073794.D
Acq: 10 Aug 2022 12:58

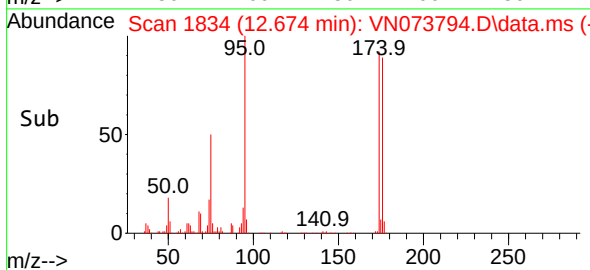
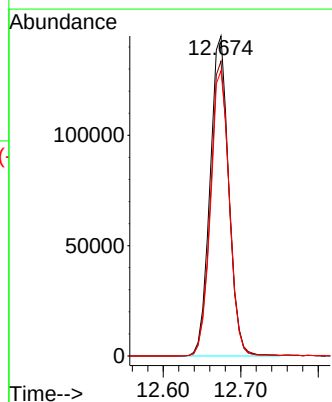
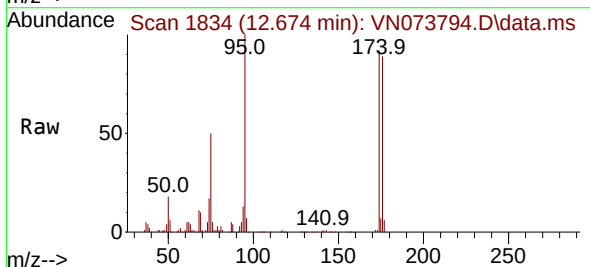
Instrument :
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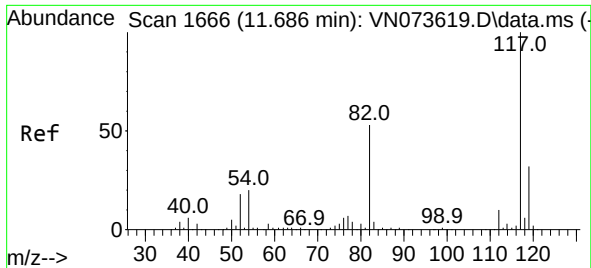
Tgt Ion: 98 Resp: 690449
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 43.240 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073794.D
Acq: 10 Aug 2022 12:58

Tgt Ion: 95 Resp: 242049
Ion Ratio Lower Upper
95 100
174 92.8 0.0 167.6
176 89.6 0.0 163.4

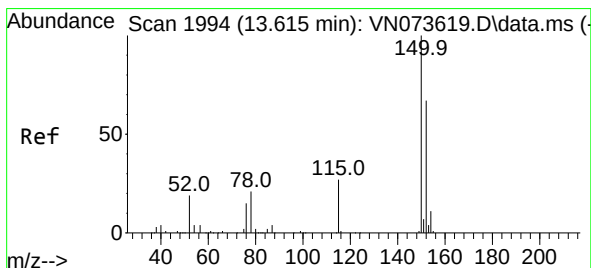
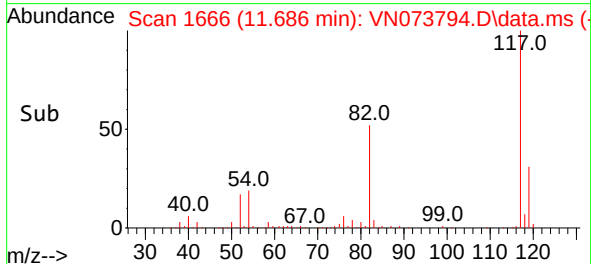
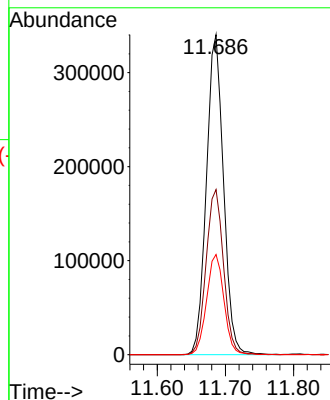
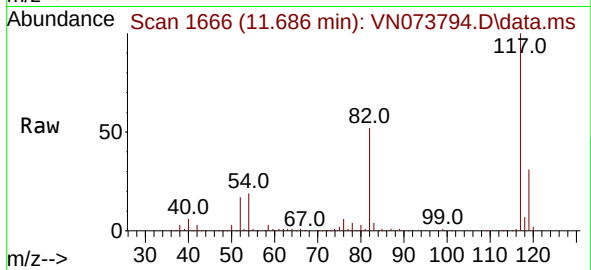




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073794.D
Acq: 10 Aug 2022 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN0810MBL01

Tgt Ion:117 Resp: 594474
Ion Ratio Lower Upper
117 100
82 51.6 44.2 66.2
119 31.3 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: VN073794.D
Acq: 10 Aug 2022 12:58

Tgt Ion:152 Resp: 264279
Ion Ratio Lower Upper
152 100
115 54.7 28.9 86.7
150 155.4 0.0 356.2

