

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080522\
 Data File : VN073753.D
 Acq On : 05 Aug 2022 11:15
 Operator : JC\MD
 Sample : VN0805MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0805MBL01

Quant Time: Aug 07 20:46:34 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	428613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	679698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	634936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	312717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	233638	44.730	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.460%
35) Dibromofluoromethane	7.951	113	222204	52.062	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.120%
50) Toluene-d8	10.381	98	722824	43.037	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	86.080%
62) 4-Bromofluorobenzene	12.675	95	275224	49.201	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.400%

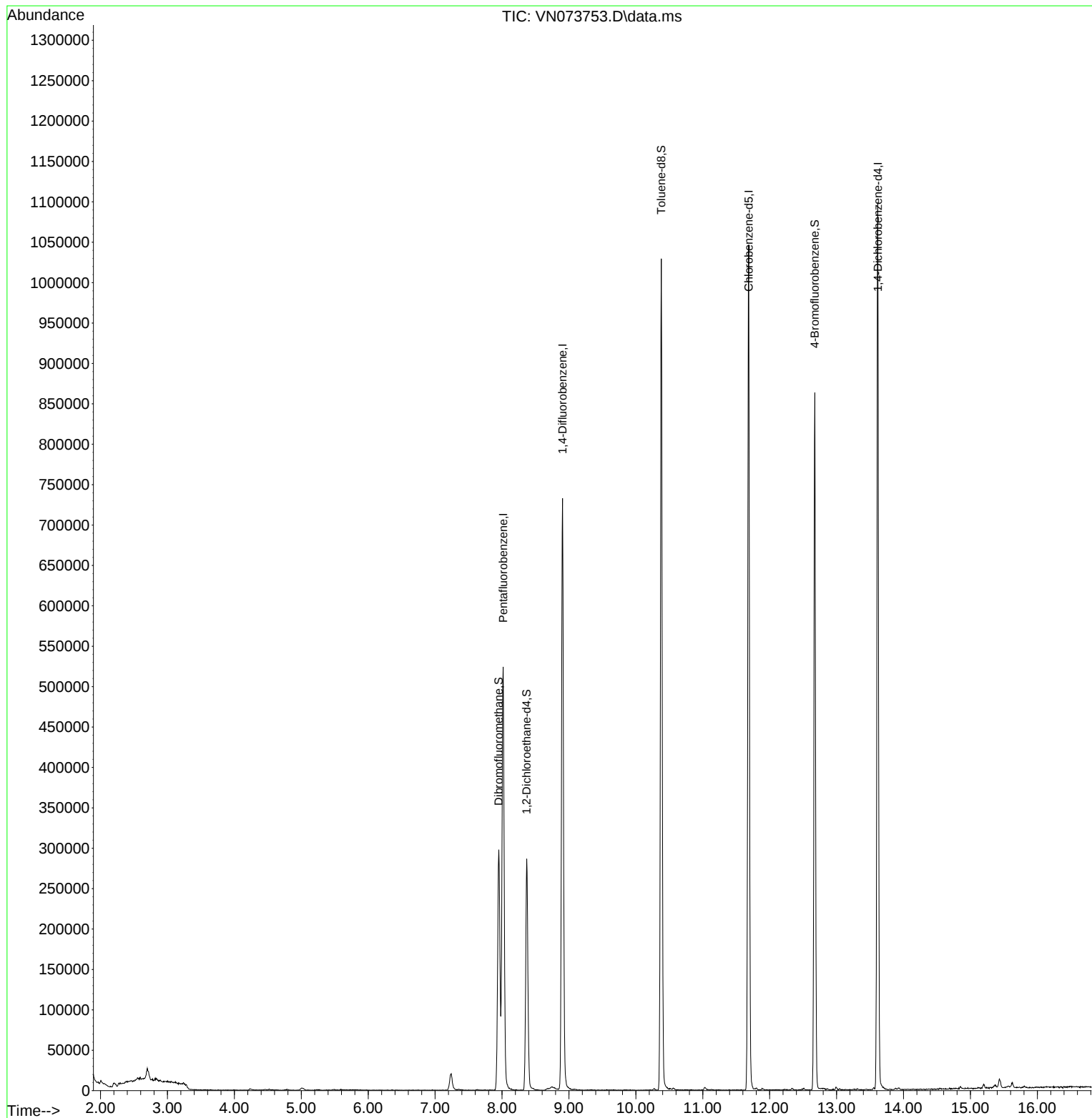
Target Compounds Qvalue

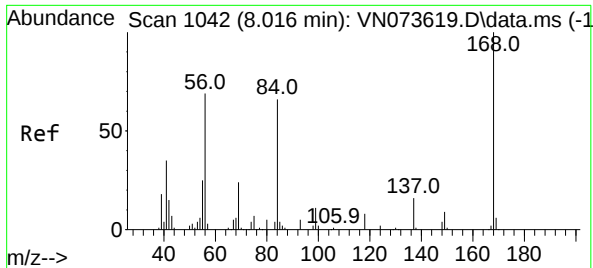
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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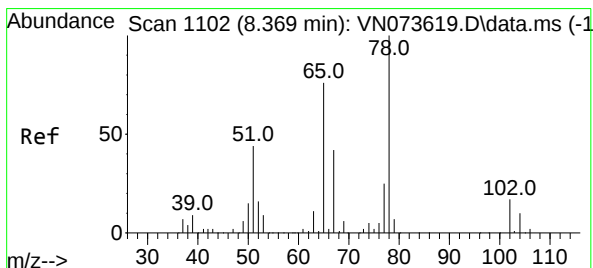
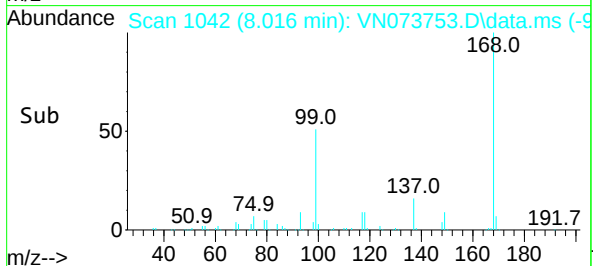
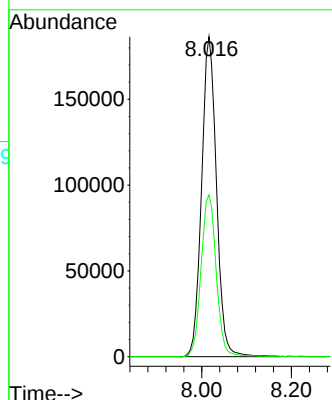
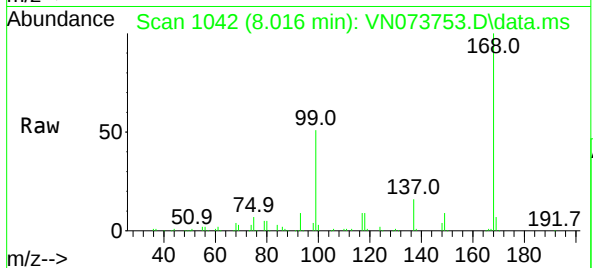




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN073753.D
Acq: 05 Aug 2022 11:15

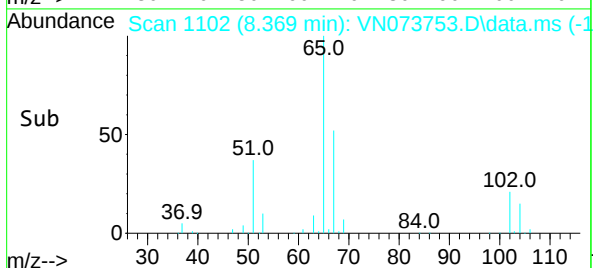
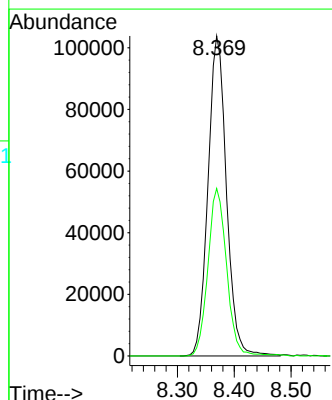
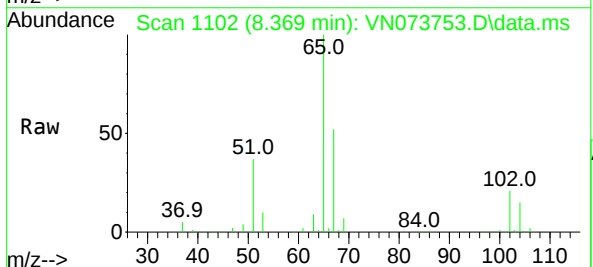
Instrument :
MSVOA_N
ClientSampleId :
VN0805MBL01

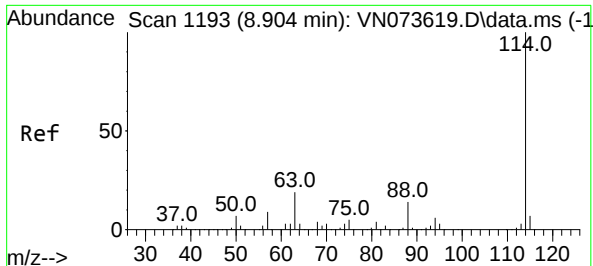
Tgt Ion:168 Resp: 428613
Ion Ratio Lower Upper
168 100
99 50.6 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 44.730 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073753.D
Acq: 05 Aug 2022 11:15

Tgt Ion: 65 Resp: 233638
Ion Ratio Lower Upper
65 100
67 52.9 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: VN073753.D

Acq: 05 Aug 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0805MBL01

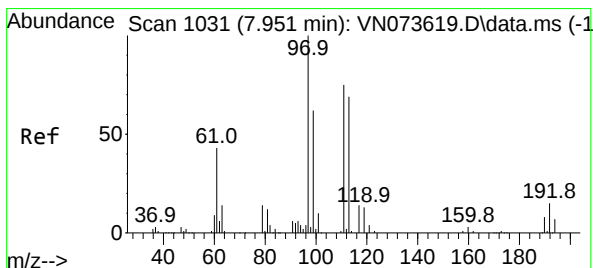
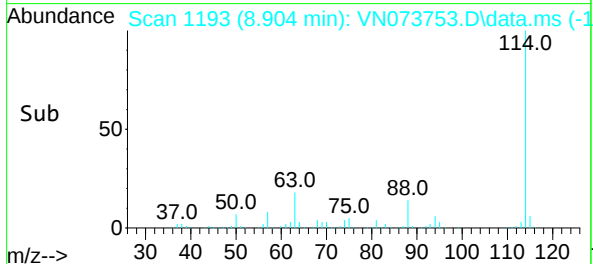
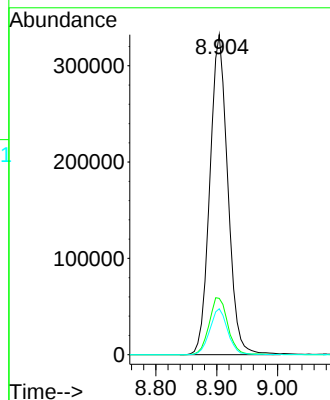
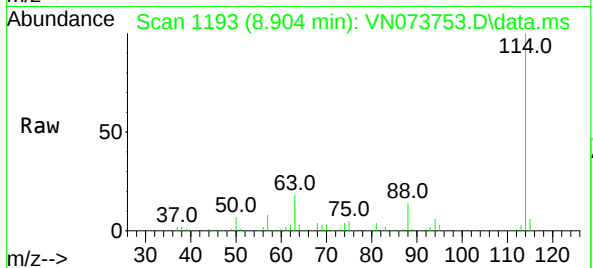
Tgt Ion:114 Resp: 679698

Ion Ratio Lower Upper

114 100

63 17.6 0.0 40.0

88 14.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.062 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073753.D

Acq: 05 Aug 2022 11:15

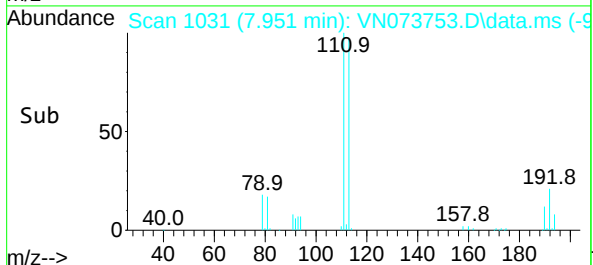
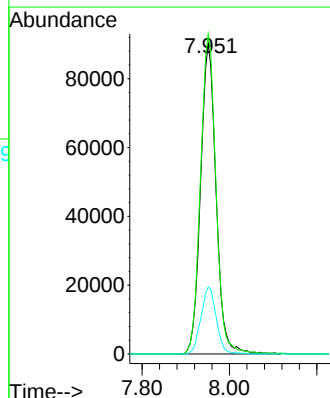
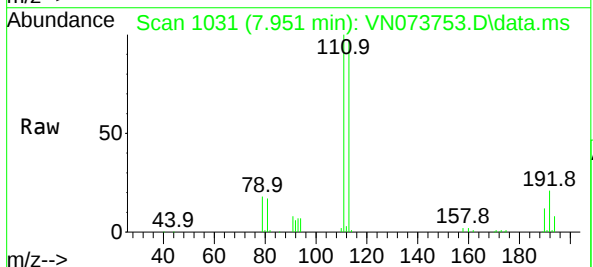
Tgt Ion:113 Resp: 222204

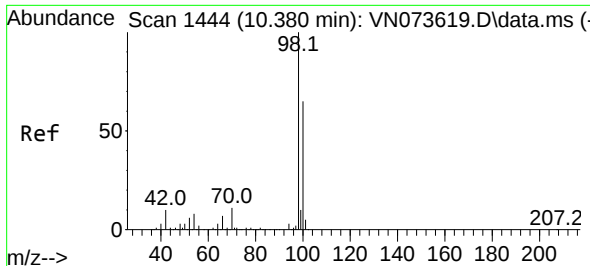
Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 21.4 17.0 25.6

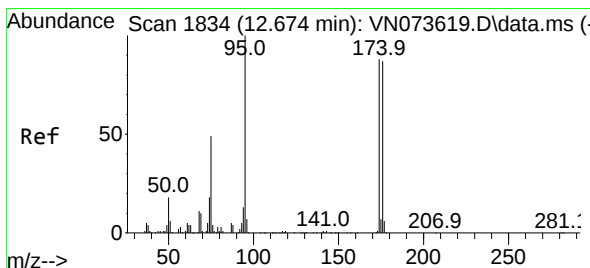
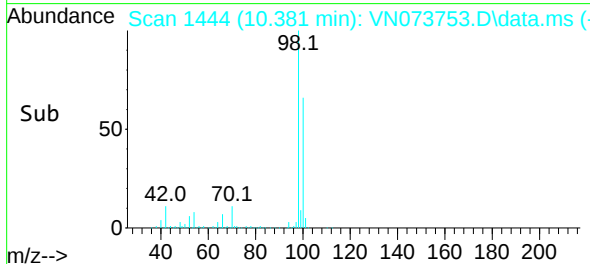
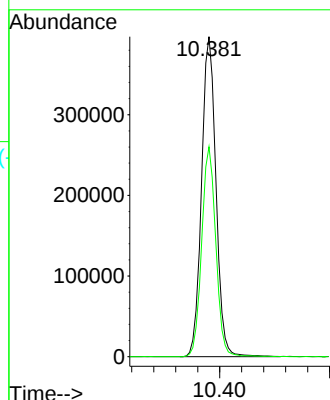
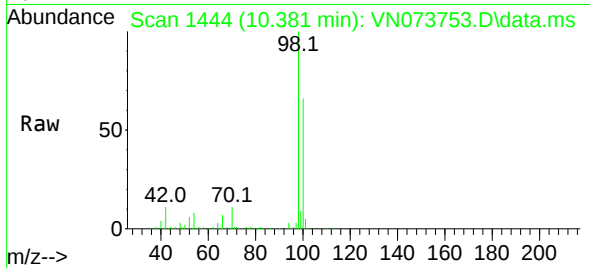




#50
Toluene-d8
Concen: 43.037 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073753.D
Acq: 05 Aug 2022 11:15

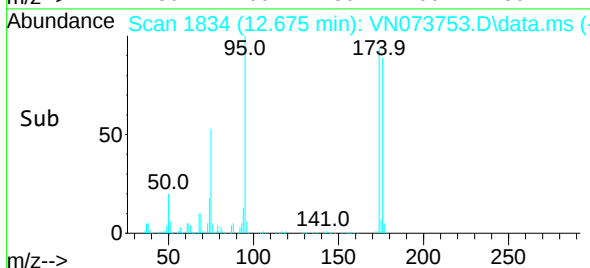
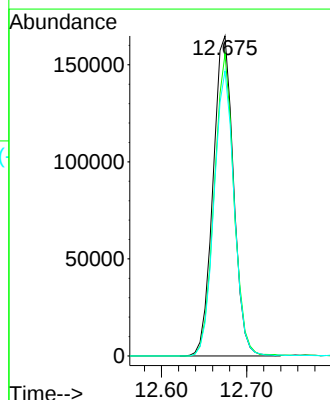
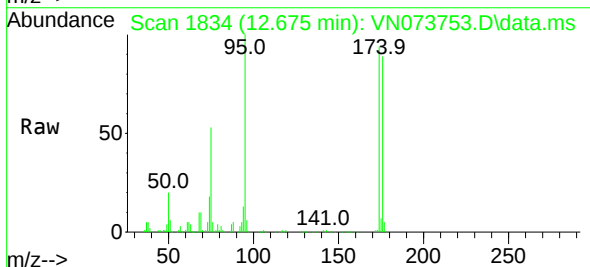
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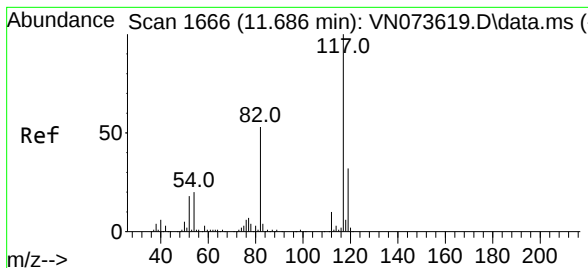
Tgt Ion: 98 Resp: 722824
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.201 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN073753.D
Acq: 05 Aug 2022 11:15

Tgt Ion: 95 Resp: 275224
Ion Ratio Lower Upper
95 100
174 90.8 0.0 167.6
176 87.5 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073753.D

Acq: 05 Aug 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0805MBL01

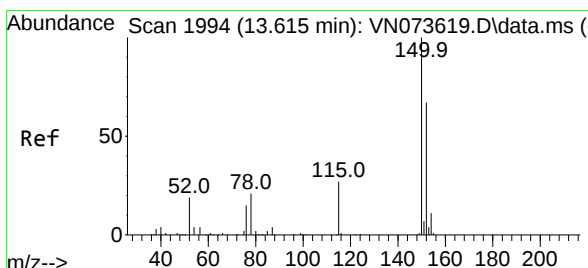
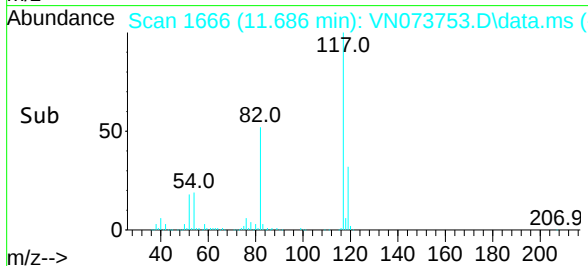
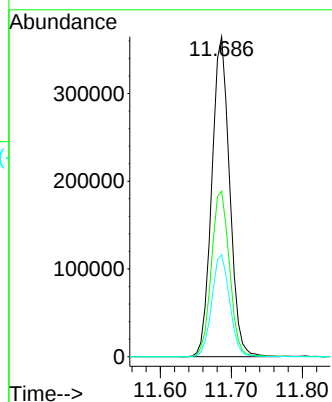
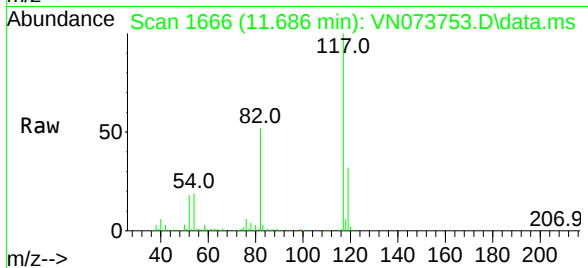
Tgt Ion:117 Resp: 634936

Ion Ratio Lower Upper

117 100

82 51.8 44.2 66.2

119 31.9 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: VN073753.D

Acq: 05 Aug 2022 11:15

Tgt Ion:152 Resp: 312717

Ion Ratio Lower Upper

152 100

115 56.9 28.9 86.7

150 157.3 0.0 356.2

