

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082322\
 Data File : VN074060.D
 Acq On : 23 Aug 2022 11:22
 Operator : JC\MD
 Sample : VN0823WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0823WBL01

Quant Time: Aug 23 18:52:51 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	464529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	761830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	642795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	268261	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	282116	62.353	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	124.700%
35) Dibromofluoromethane	7.951	113	243926	54.141	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.280%
50) Toluene-d8	10.381	98	845586	48.460	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.920%
62) 4-Bromofluorobenzene	12.669	95	260618	45.004	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.000%

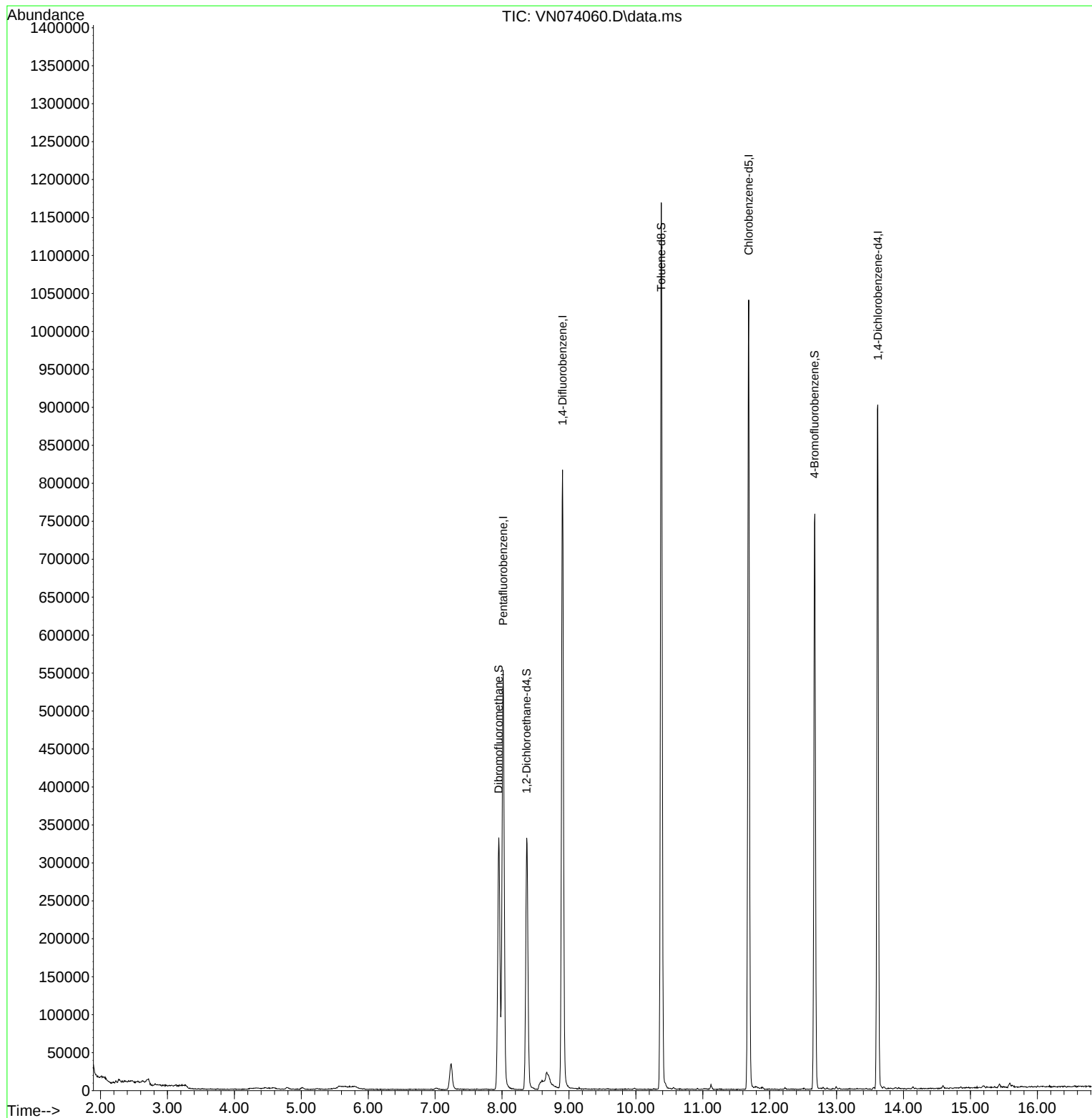
Target Compounds	Qvalue

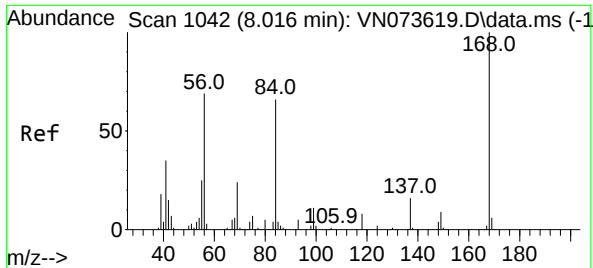
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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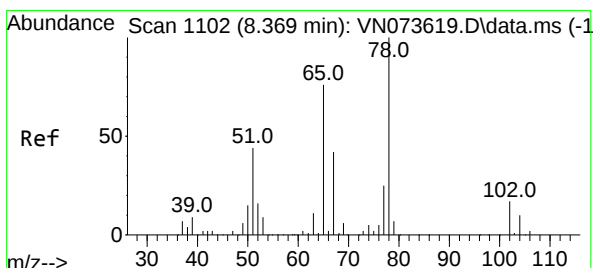
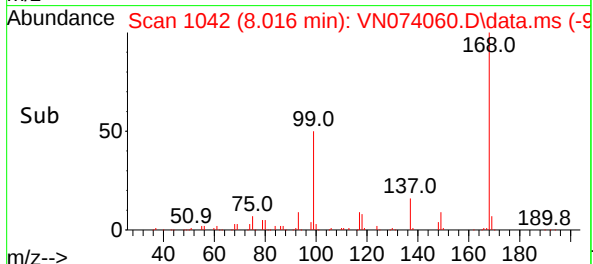
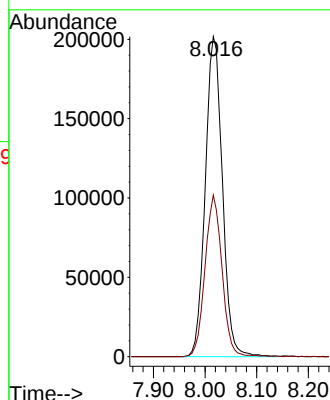
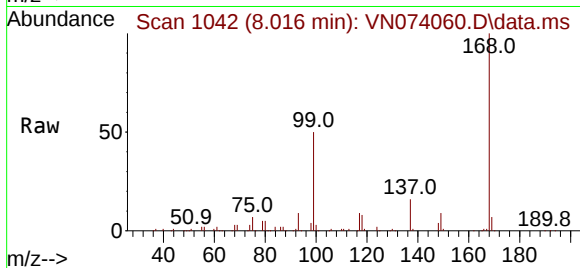




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074060.D
Acq: 23 Aug 2022 11:22

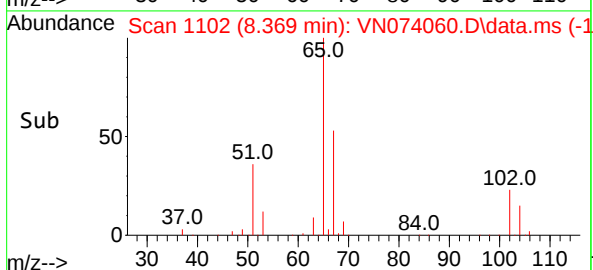
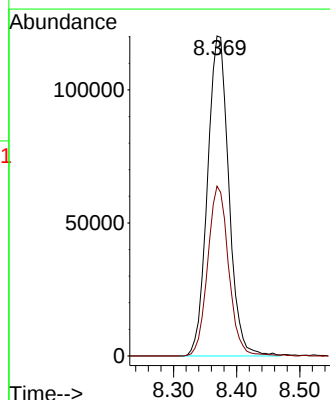
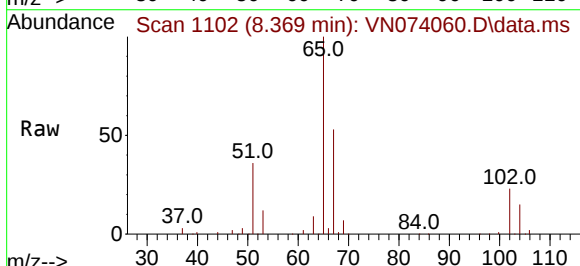
Instrument :
MSVOA_N
ClientSampleId :
VN0823WBL01

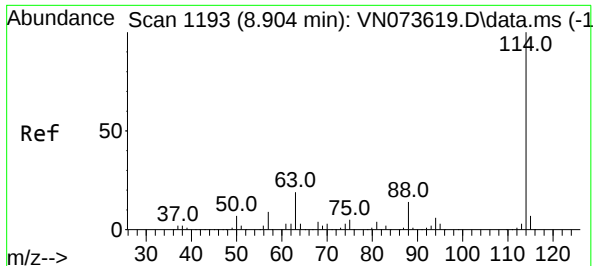
Tgt Ion:168 Resp: 464529
Ion Ratio Lower Upper
168 100
99 50.5 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 62.353 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074060.D
Acq: 23 Aug 2022 11:22

Tgt Ion: 65 Resp: 282116
Ion Ratio Lower Upper
65 100
67 52.2 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: VN074060.D

Acq: 23 Aug 2022 11:22

Instrument :

MSVOA_N

ClientSampleId :

VN0823WBL01

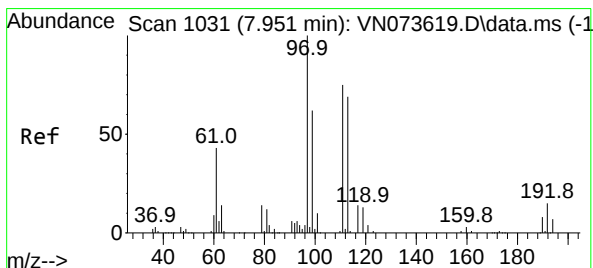
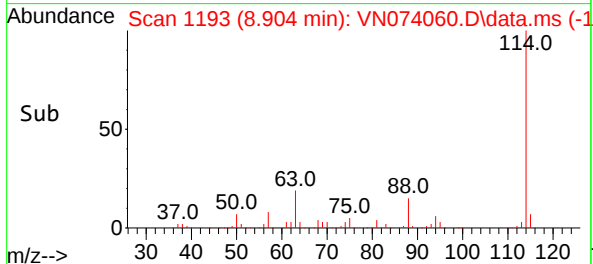
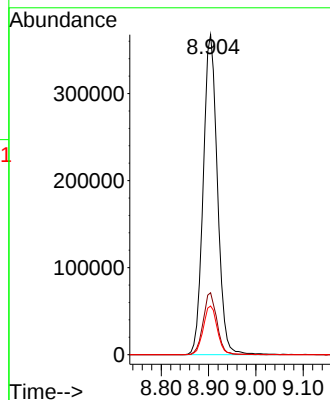
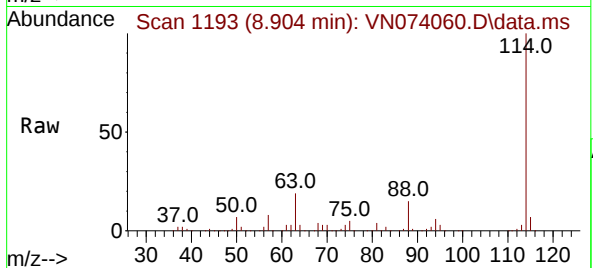
Tgt Ion:114 Resp: 761830

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

88 15.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.141 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074060.D

Acq: 23 Aug 2022 11:22

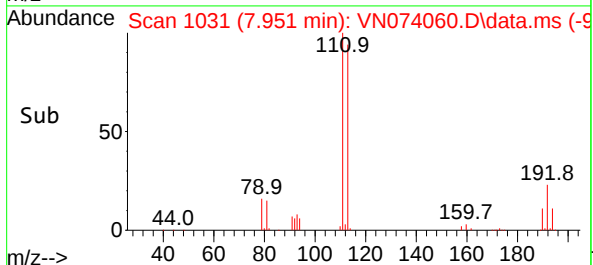
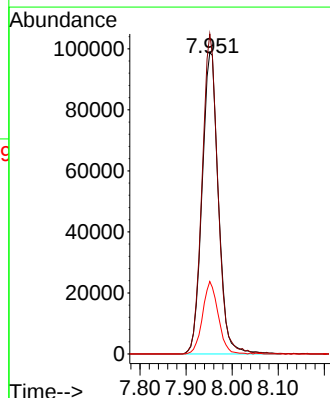
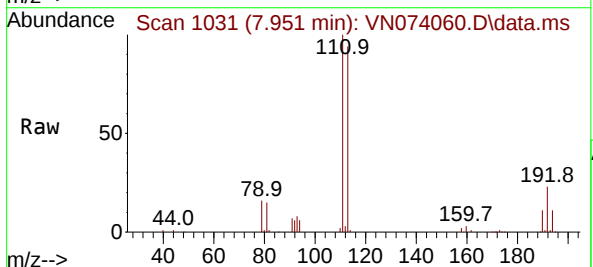
Tgt Ion:113 Resp: 243926

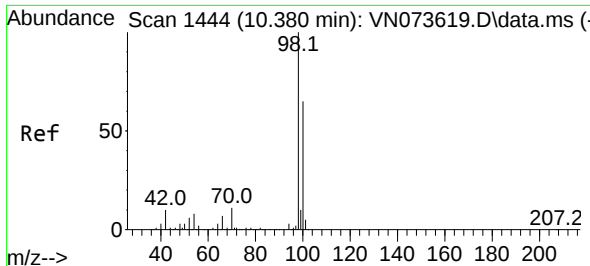
Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 23.0 17.0 25.6

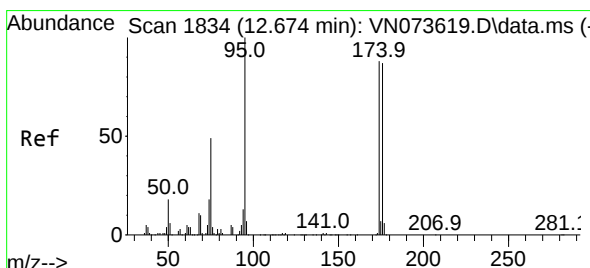
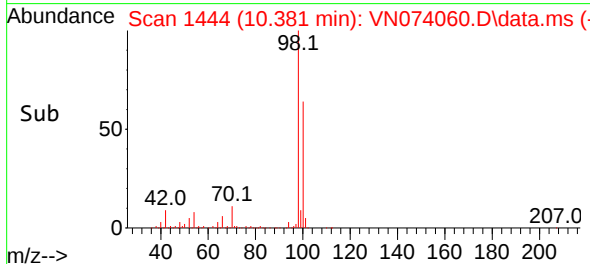
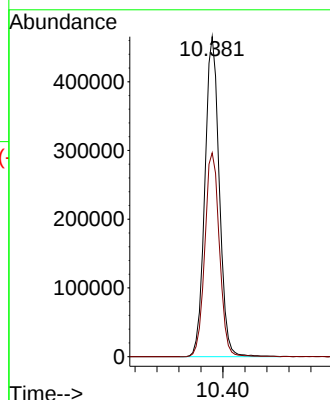
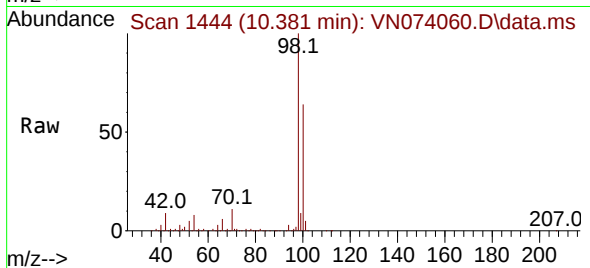




#50
Toluene-d8
Concen: 48.460 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074060.D
Acq: 23 Aug 2022 11:22

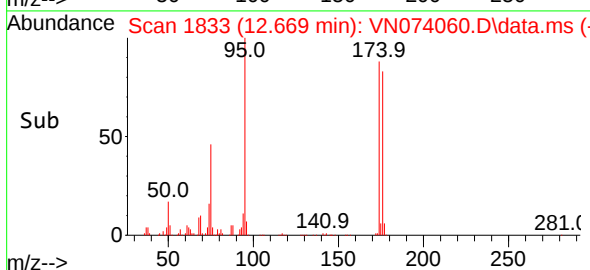
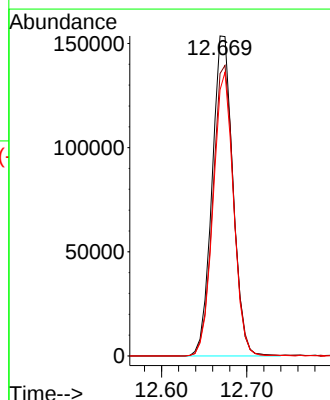
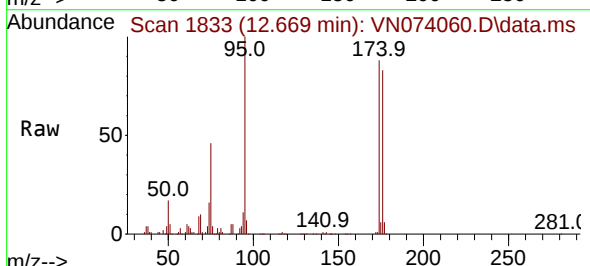
Instrument :
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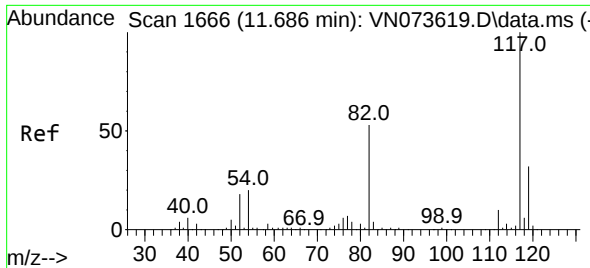
Tgt Ion: 98 Resp: 845586
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.004 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN074060.D
Acq: 23 Aug 2022 11:22

Tgt Ion: 95 Resp: 260618
Ion Ratio Lower Upper
95 100
174 90.7 0.0 167.6
176 86.2 0.0 163.4

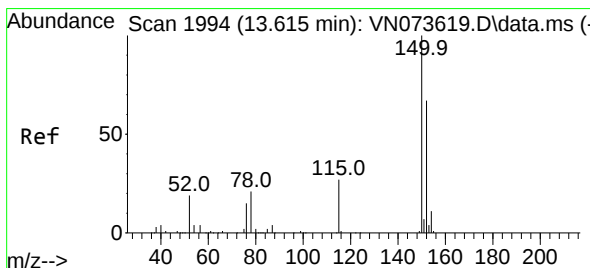
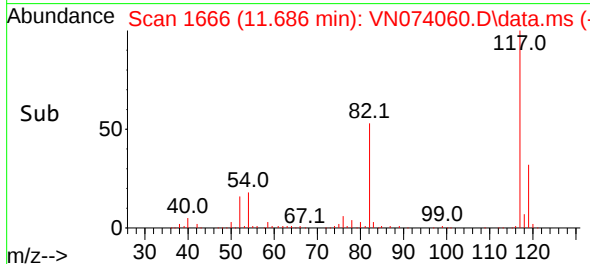
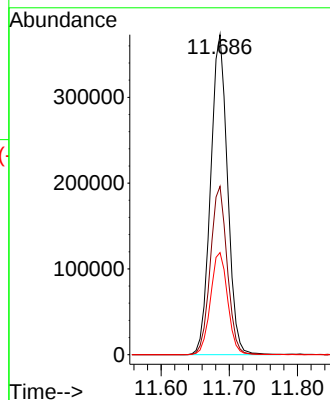
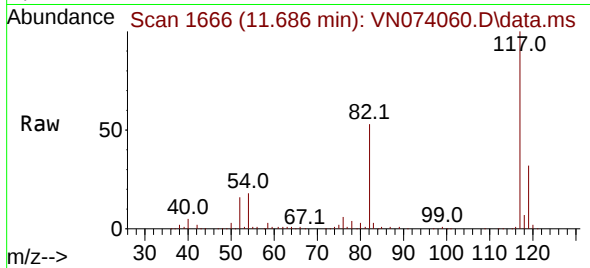




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074060.D
Acq: 23 Aug 2022 11:22

Instrument :
MSVOA_N
ClientSampleId :
VN0823WBL01

Tgt Ion:117 Resp: 642795
Ion Ratio Lower Upper
117 100
82 52.6 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. 0.001 min
Lab File: VN074060.D
Acq: 23 Aug 2022 11:22

Tgt Ion:152 Resp: 268261
Ion Ratio Lower Upper
152 100
115 55.6 28.9 86.7
150 157.6 0.0 356.2

