

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071222\
 Data File : VN073429.D
 Acq On : 12 Jul 2022 11:47
 Operator : JC\MD
 Sample : VN0712WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712WBL01

Quant Time: Jul 13 06:16:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	274187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	468435	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	433660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	206247	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	209832	53.012	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.020%
35) Dibromofluoromethane	7.951	113	171781	55.119	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.240%
50) Toluene-d8	10.375	98	548950	49.594	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.180%
62) 4-Bromofluorobenzene	12.669	95	232972	54.768	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.540%

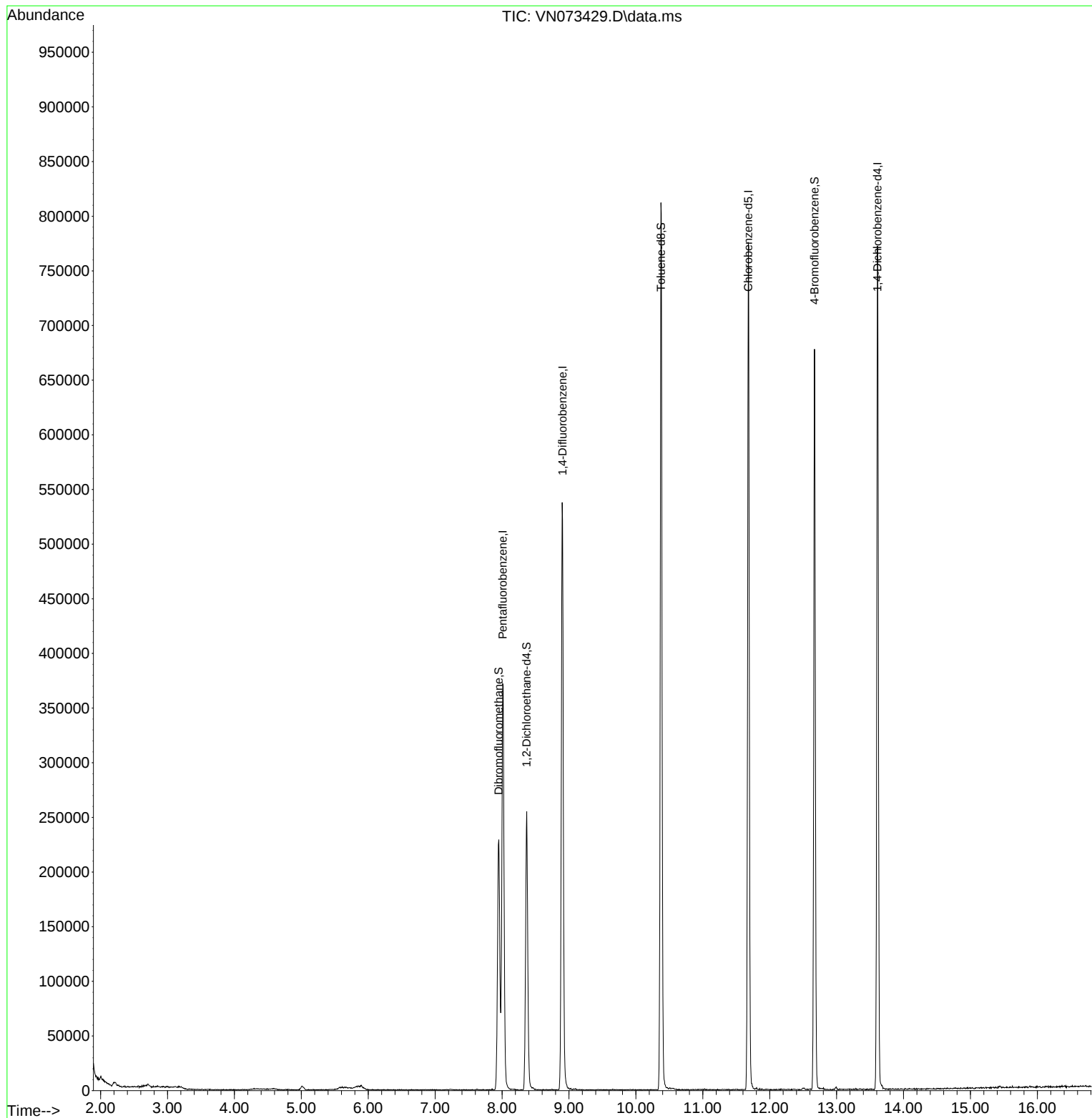
Target Compounds	Qvalue

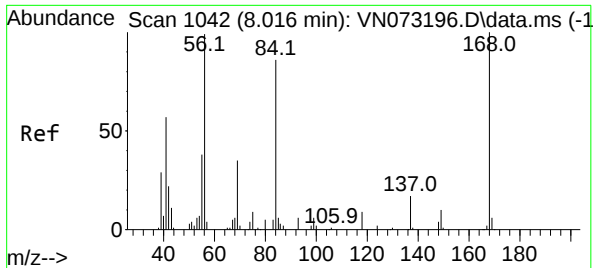
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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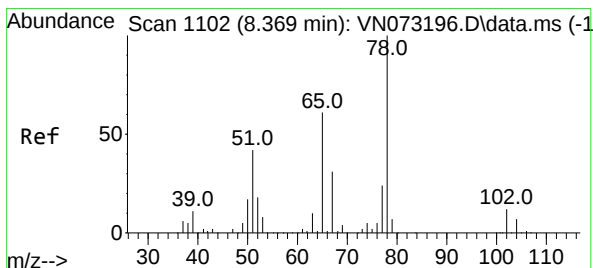
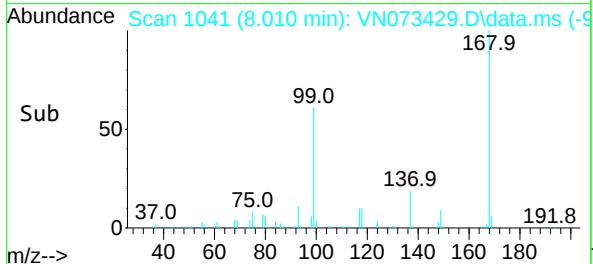
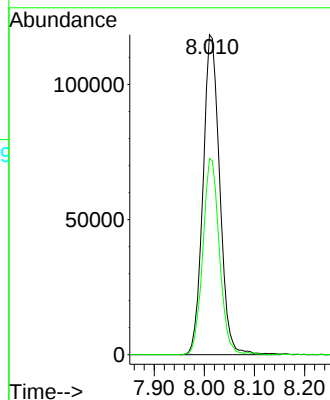
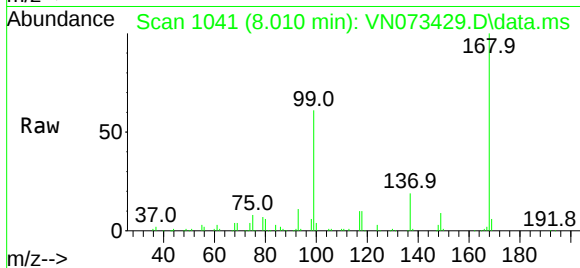




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VN073429.D
Acq: 12 Jul 2022 11:47

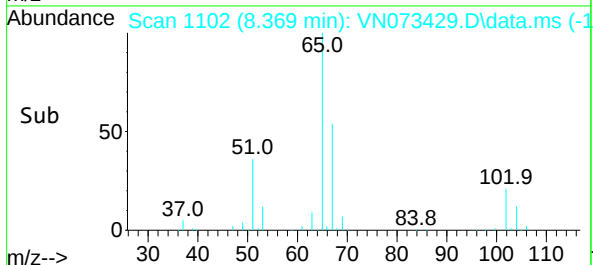
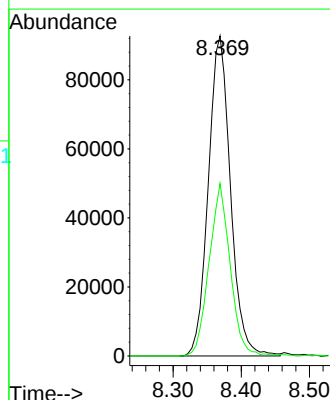
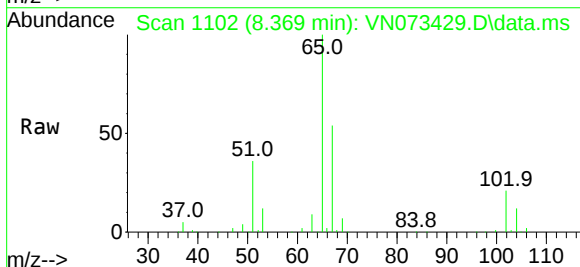
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBL01

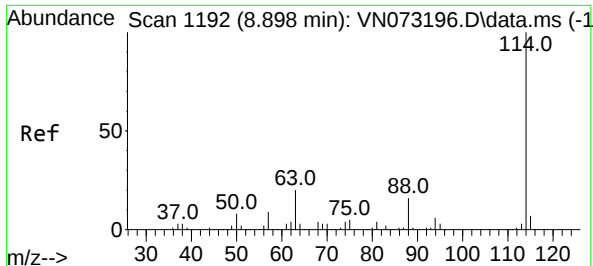
Tgt Ion:168 Resp: 274187
Ion Ratio Lower Upper
168 100
99 61.3 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 53.012 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073429.D
Acq: 12 Jul 2022 11:47

Tgt Ion: 65 Resp: 209832
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073429.D

Acq: 12 Jul 2022 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBL01

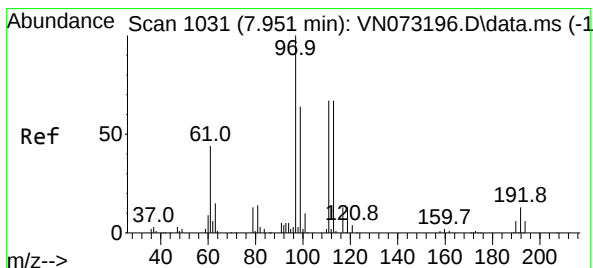
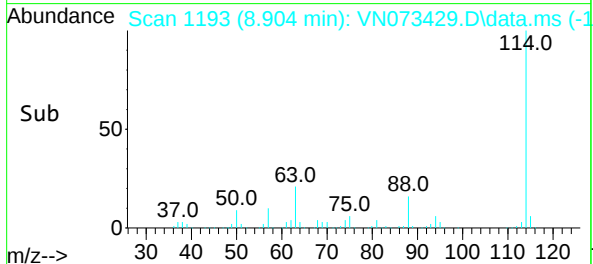
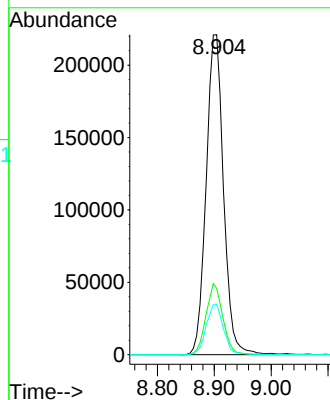
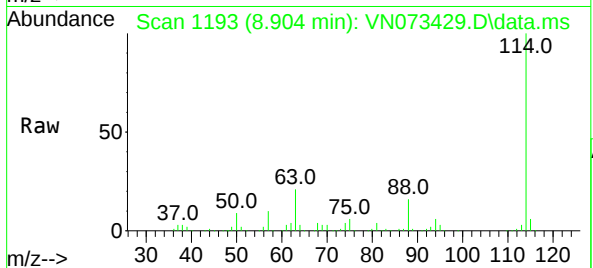
Tgt Ion:114 Resp: 468435

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.0

88 15.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 55.119 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073429.D

Acq: 12 Jul 2022 11:47

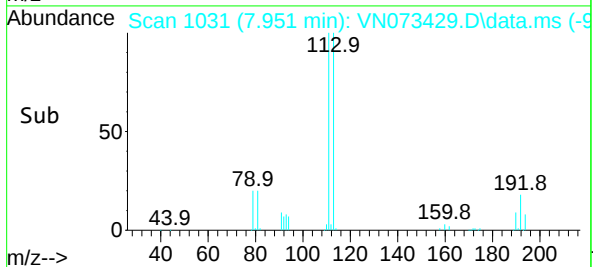
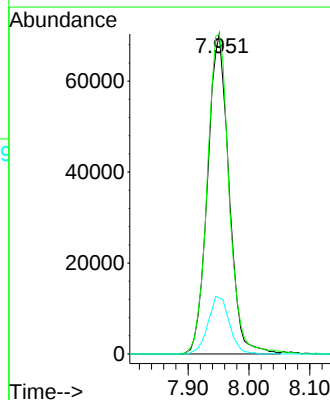
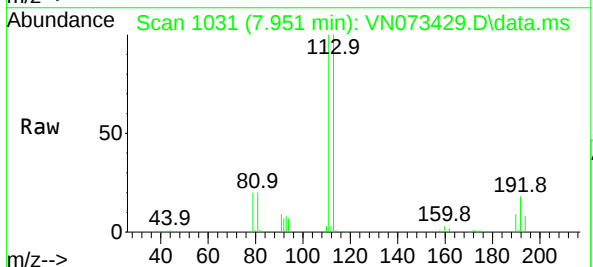
Tgt Ion:113 Resp: 171781

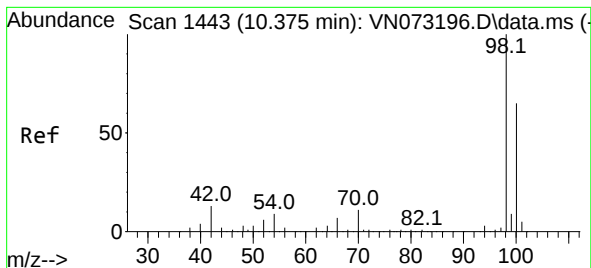
Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 17.9 17.0 25.6

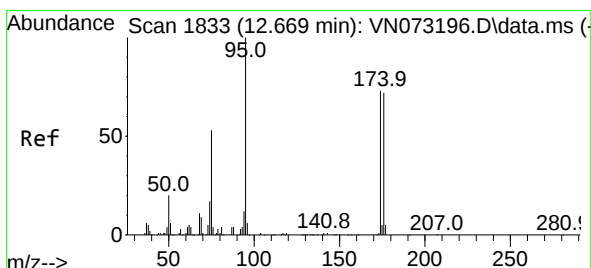
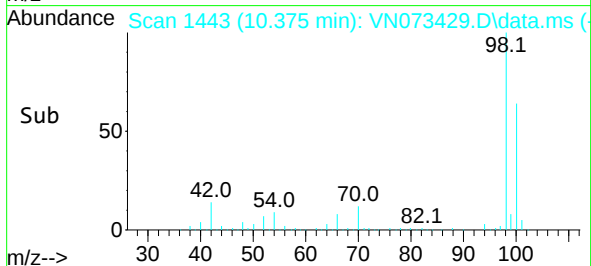
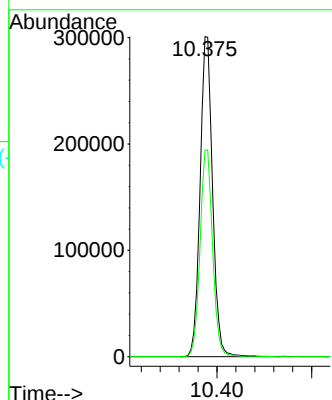
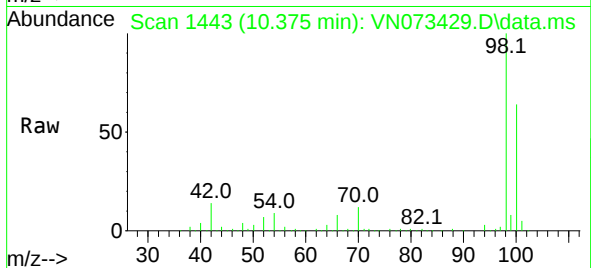




#50
Toluene-d8
Concen: 49.594 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073429.D
Acq: 12 Jul 2022 11:47

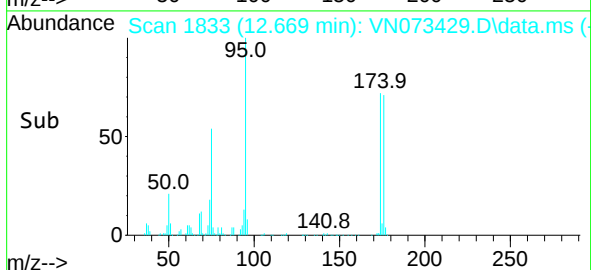
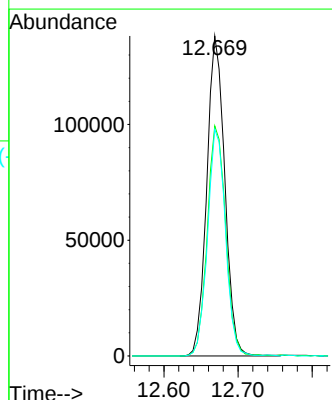
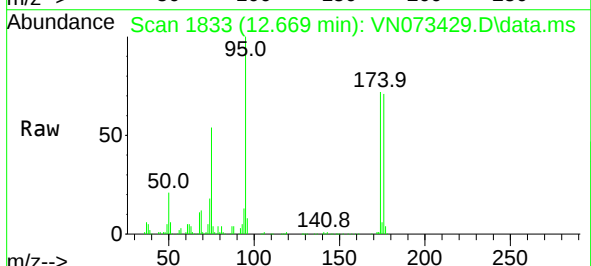
Instrument :
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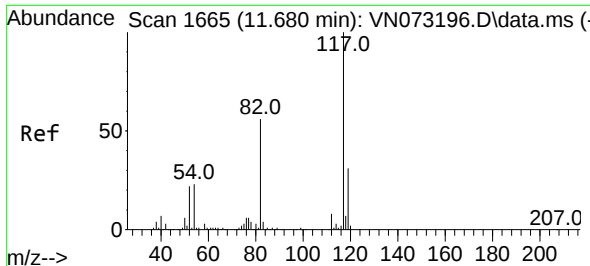
Tgt Ion: 98 Resp: 548950
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 54.768 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073429.D
Acq: 12 Jul 2022 11:47

Tgt Ion: 95 Resp: 232972
Ion Ratio Lower Upper
95 100
174 73.6 0.0 167.6
176 70.3 0.0 163.4

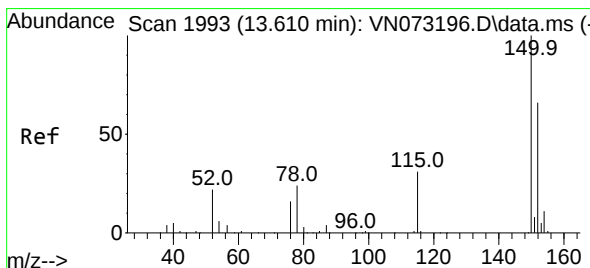
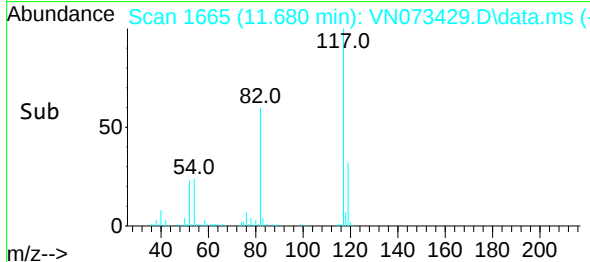
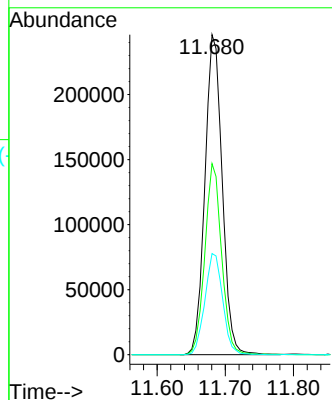
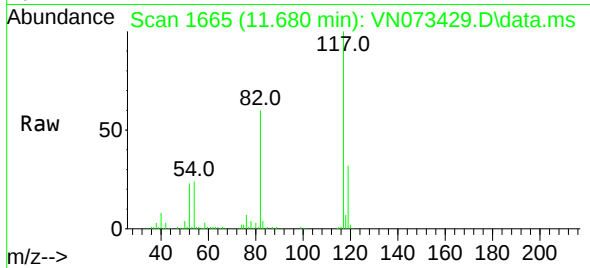




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073429.D
Acq: 12 Jul 2022 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN0712WBL01

Tgt Ion:117 Resp: 433660
Ion Ratio Lower Upper
117 100
82 59.7 44.2 66.2
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073429.D
Acq: 12 Jul 2022 11:47

Tgt Ion:152 Resp: 206247
Ion Ratio Lower Upper
152 100
115 60.2 28.9 86.7
150 157.0 0.0 356.2

