

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071922\
 Data File : VN073513.D
 Acq On : 19 Jul 2022 13:50
 Operator : JC\MD
 Sample : VN0719WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBL01

Quant Time: Jul 20 06:54:02 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	8.016	168	252086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	428400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	395375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	189020	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	173075	47.559	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.120%
35) Dibromofluoromethane	7.951	113	146085	51.254	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.500%
50) Toluene-d8	10.380	98	469558	46.385	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.780%
62) 4-Bromofluorobenzene	12.669	95	193588	49.763	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.520%

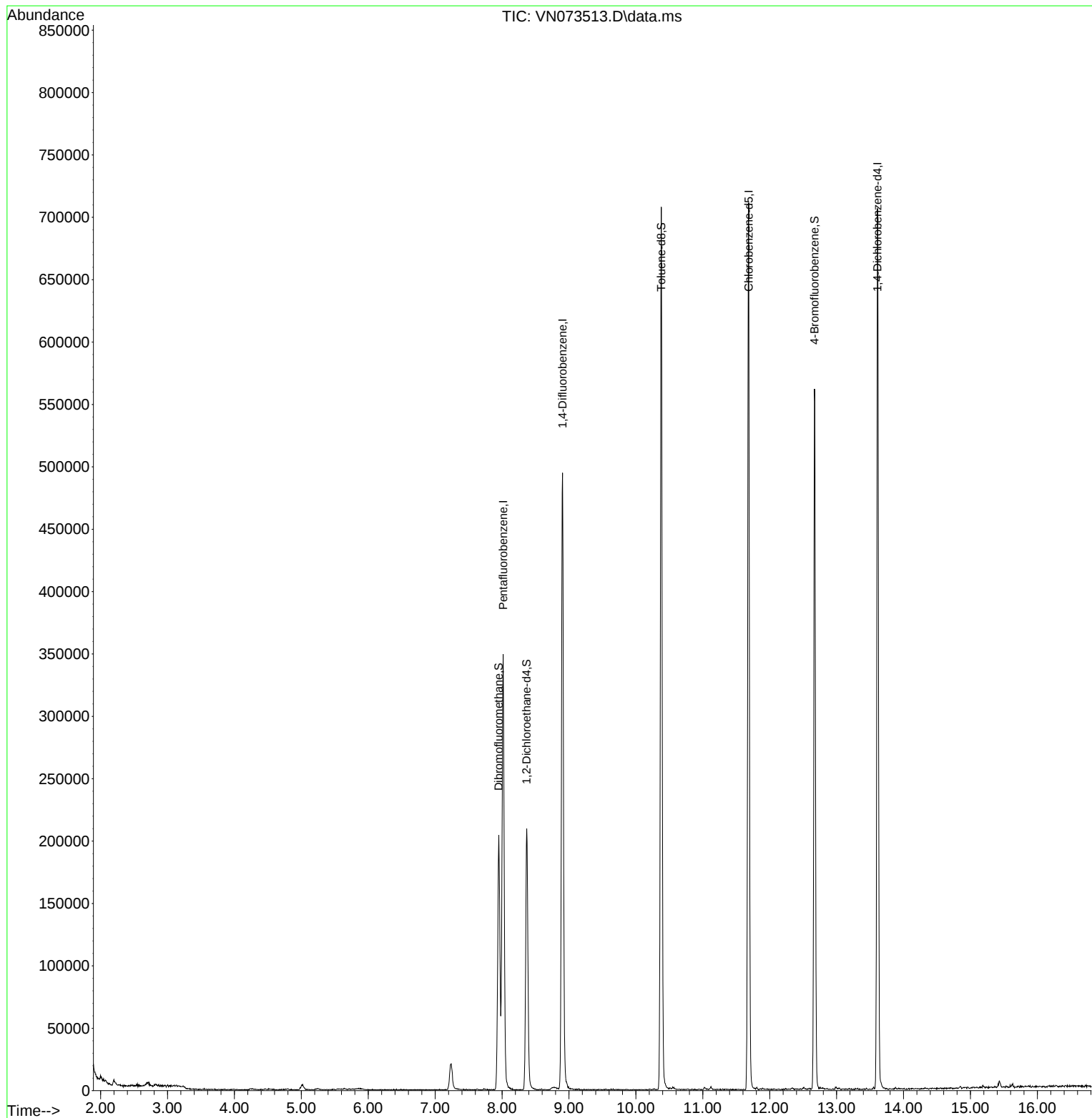
Target Compounds	Qvalue

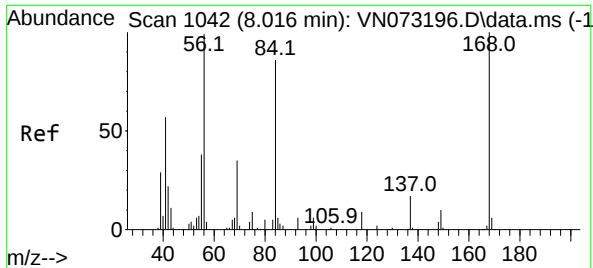
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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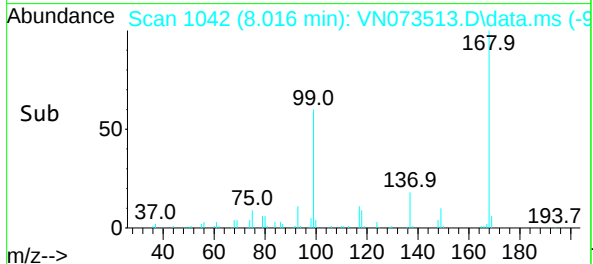
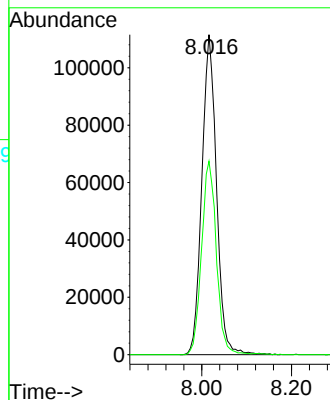
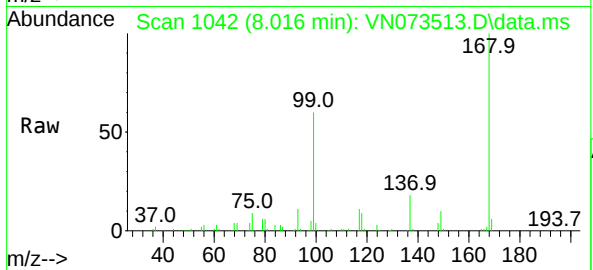




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073513.D
Acq: 19 Jul 2022 13:50

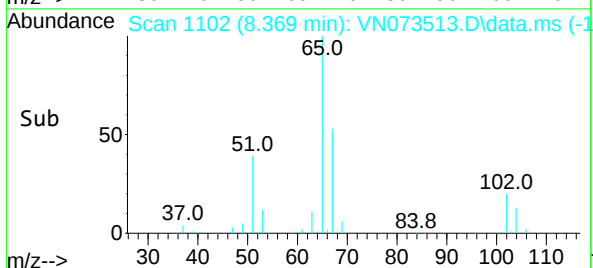
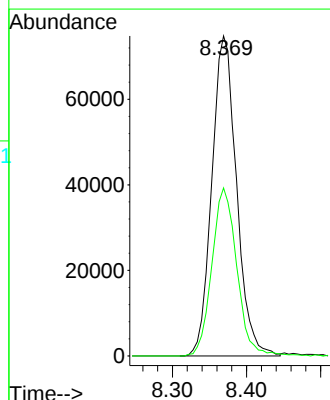
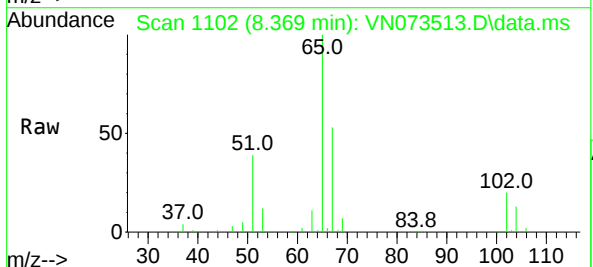
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBL01

Tgt Ion:168 Resp: 252086
Ion Ratio Lower Upper
168 100
99 60.4 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 47.559 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073513.D
Acq: 19 Jul 2022 13:50

Tgt Ion: 65 Resp: 173075
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073513.D

Acq: 19 Jul 2022 13:50

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBL01

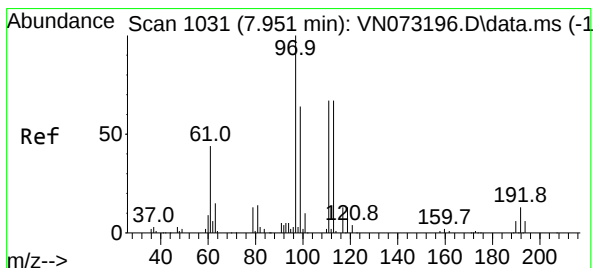
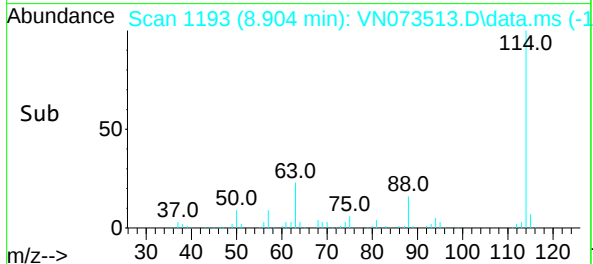
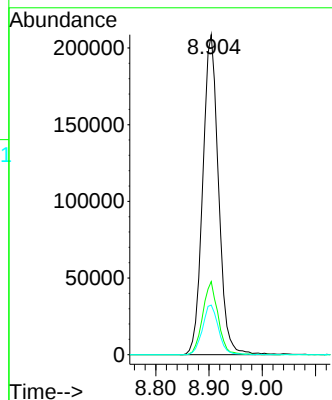
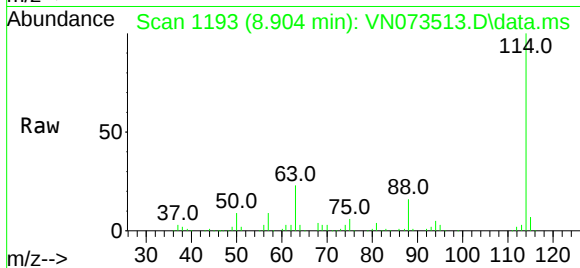
Tgt Ion:114 Resp: 428400

Ion Ratio Lower Upper

114 100

63 22.9 0.0 40.0

88 15.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.254 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073513.D

Acq: 19 Jul 2022 13:50

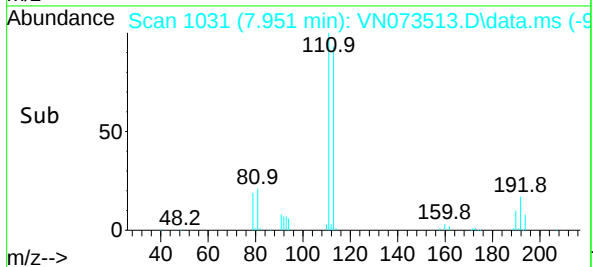
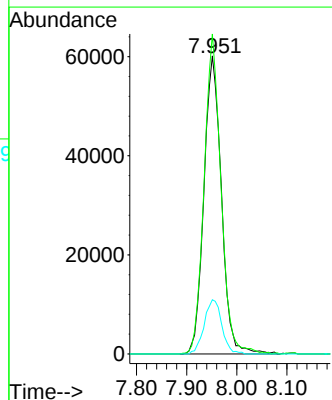
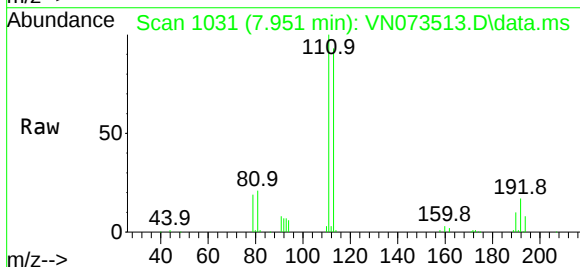
Tgt Ion:113 Resp: 146085

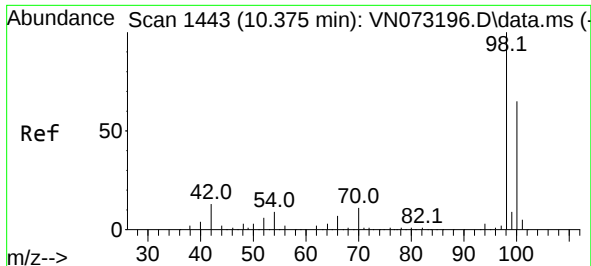
Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

192 18.3 17.0 25.6

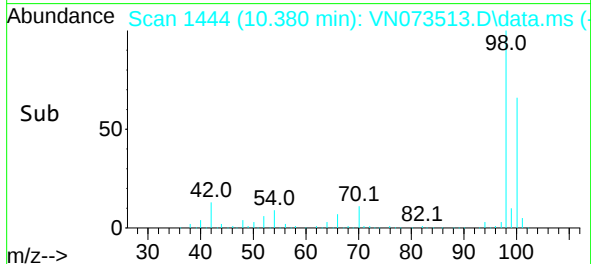
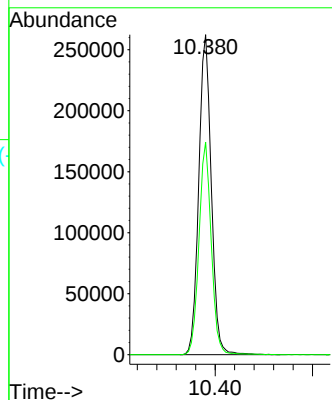
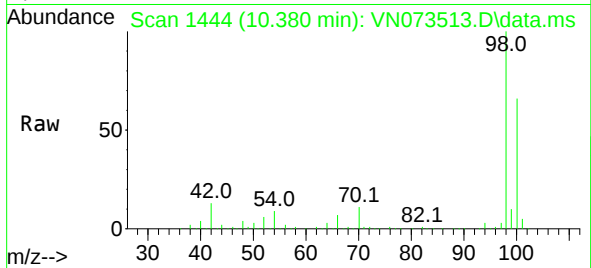




#50
Toluene-d8
Concen: 46.385 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073513.D
Acq: 19 Jul 2022 13:50

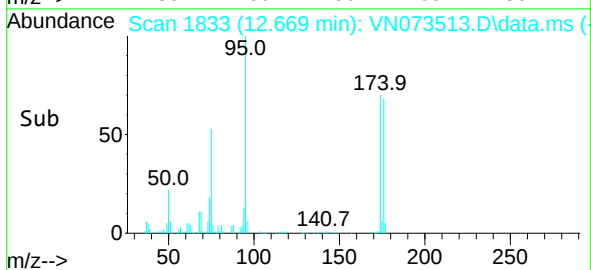
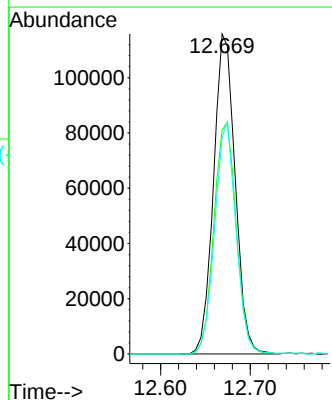
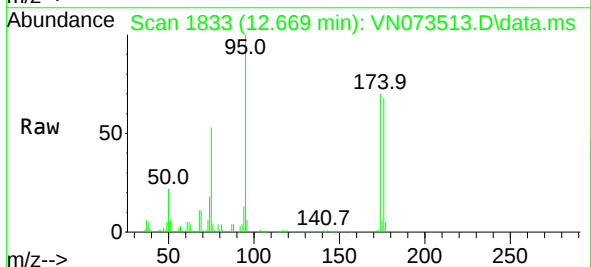
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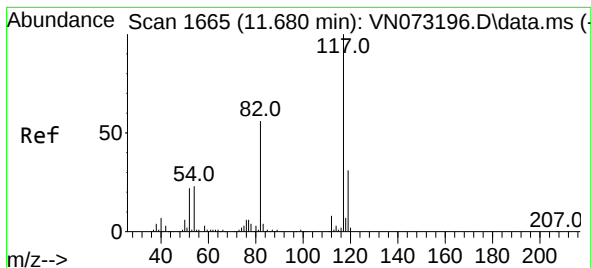
Tgt Ion: 98 Resp: 469558
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.763 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073513.D
Acq: 19 Jul 2022 13:50

Tgt Ion: 95 Resp: 193588
Ion Ratio Lower Upper
95 100
174 74.7 0.0 167.6
176 71.3 0.0 163.4

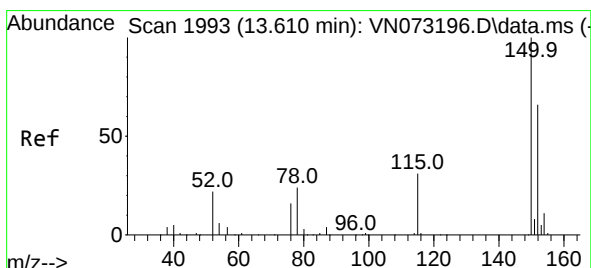
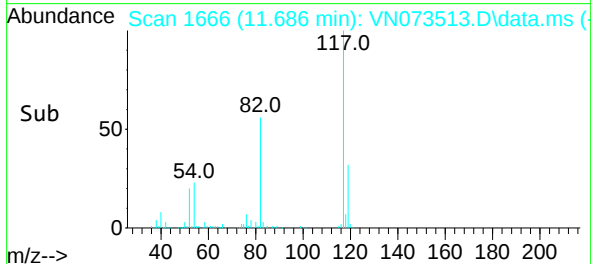
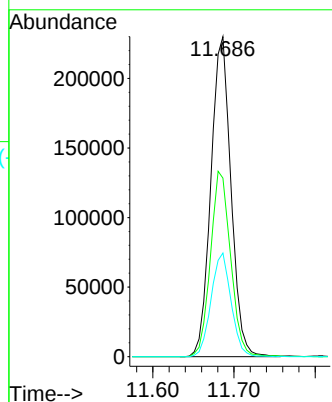
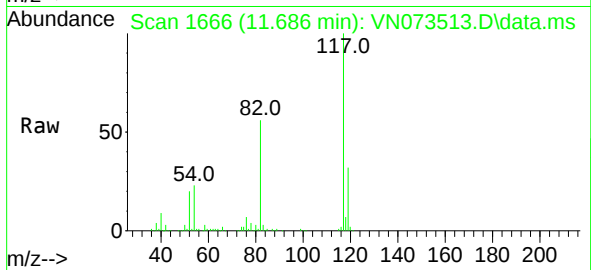




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073513.D
Acq: 19 Jul 2022 13:50

Instrument :
MSVOA_N
ClientSampleId :
VN0719WBL01

Tgt Ion:117 Resp: 395375
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.2
119 32.4 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: VN073513.D
Acq: 19 Jul 2022 13:50

Tgt Ion:152 Resp: 189020
Ion Ratio Lower Upper
152 100
115 58.1 28.9 86.7
150 155.9 0.0 356.2

