

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071822\
 Data File : VN073491.D
 Acq On : 18 Jul 2022 11:48
 Operator : JC\MD
 Sample : VN0718WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBL01

Quant Time: Jul 18 15:29:05 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	245981	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	424658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	396989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	189149	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	182972	51.527	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.060%	
35) Dibromofluoromethane	7.951	113	151915	53.769	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.540%	
50) Toluene-d8	10.380	98	483982	48.232	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.460%	
62) 4-Bromofluorobenzene	12.674	95	203066	52.659	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.320%	

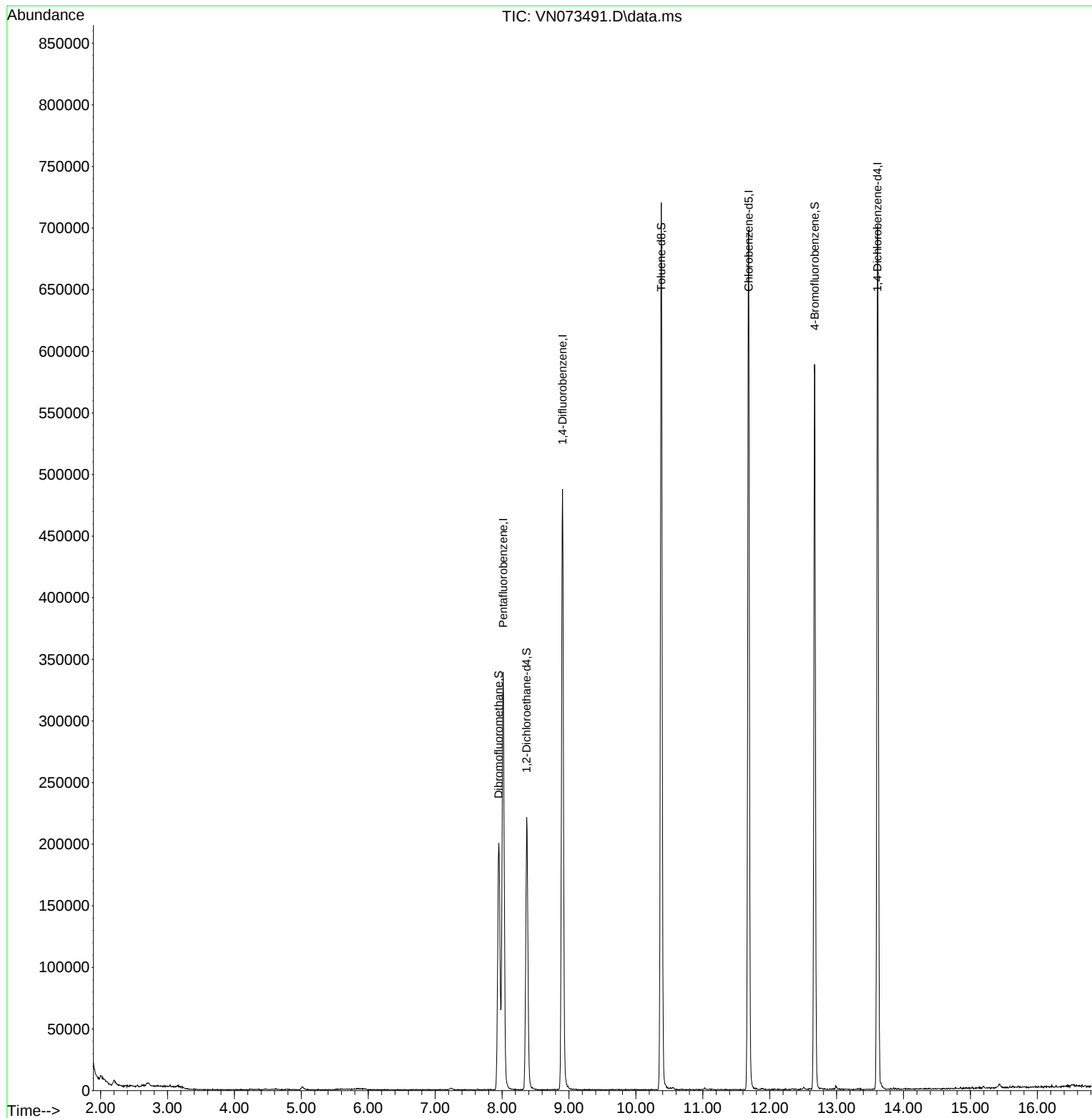
Target Compounds	Qvalue

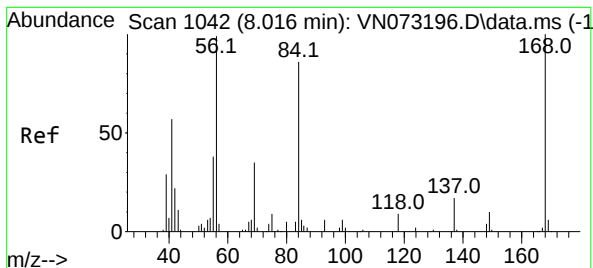
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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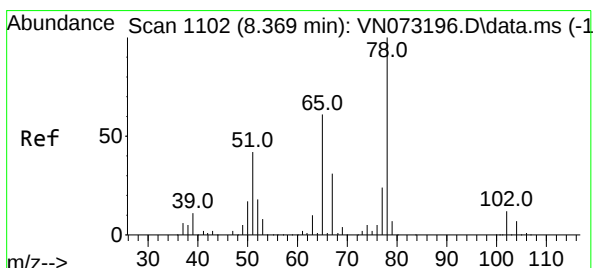
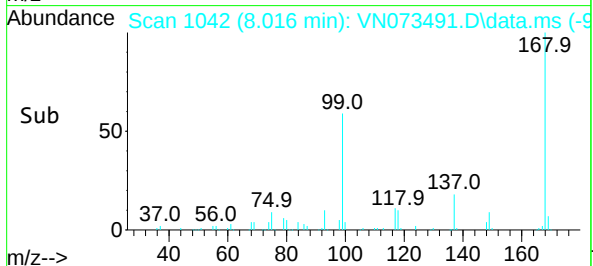
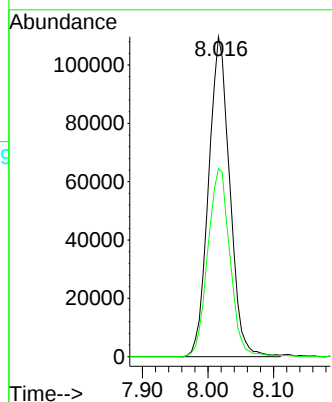
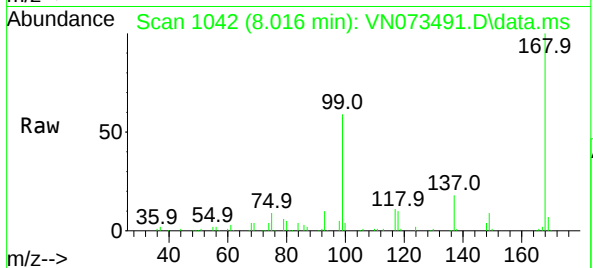




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073491.D
Acq: 18 Jul 2022 11:48

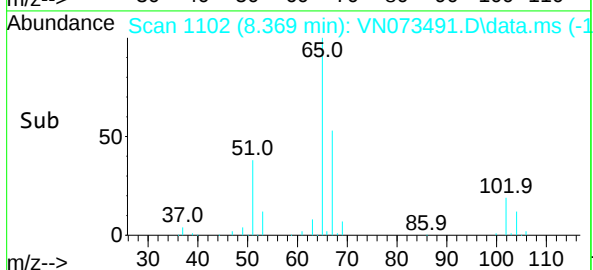
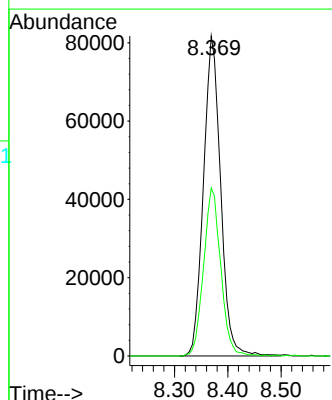
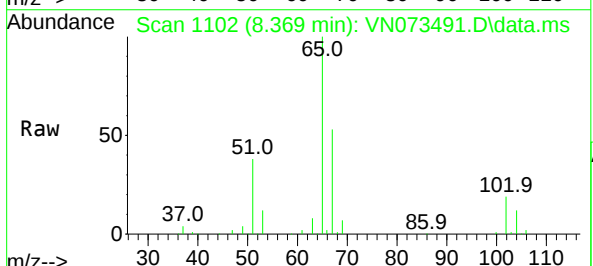
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBL01

Tgt Ion:168 Resp: 245981
Ion Ratio Lower Upper
168 100
99 58.9 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 51.527 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073491.D
Acq: 18 Jul 2022 11:48

Tgt Ion: 65 Resp: 182972
Ion Ratio Lower Upper
65 100
67 52.3 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: VN073491.D

Acq: 18 Jul 2022 11:48

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBL01

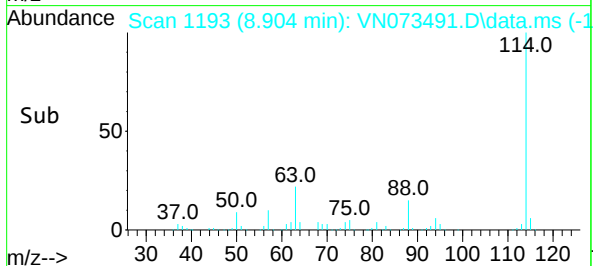
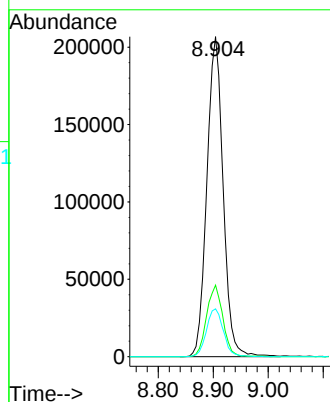
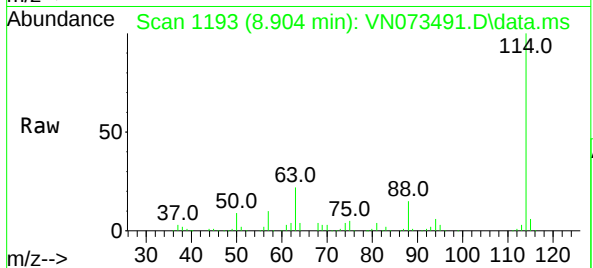
Tgt Ion:114 Resp: 424658

Ion Ratio Lower Upper

114 100

63 22.4 0.0 40.0

88 15.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.769 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073491.D

Acq: 18 Jul 2022 11:48

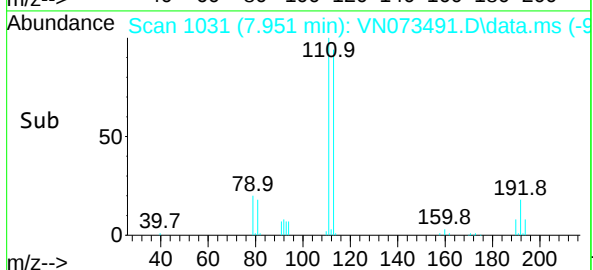
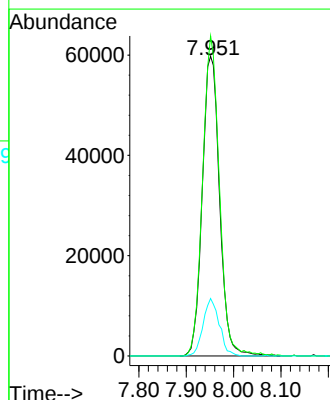
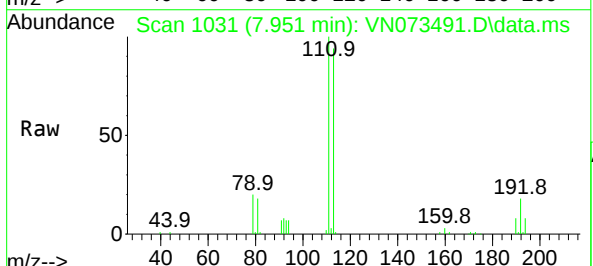
Tgt Ion:113 Resp: 151915

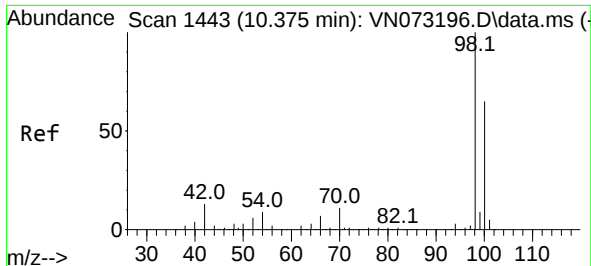
Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

192 18.0 17.0 25.6

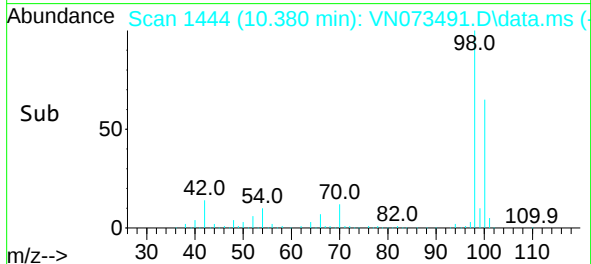
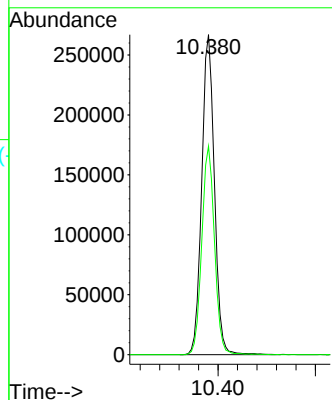
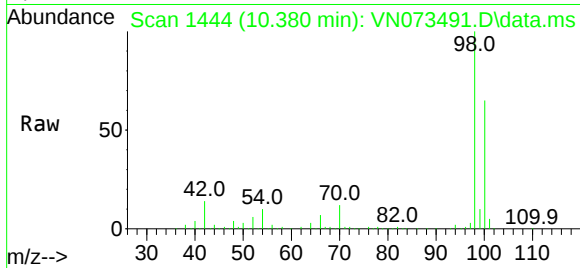




#50
Toluene-d8
Concen: 48.232 ug/l
RT: 10.380 min Scan# 1443
Delta R.T. 0.005 min
Lab File: VN073491.D
Acq: 18 Jul 2022 11:48

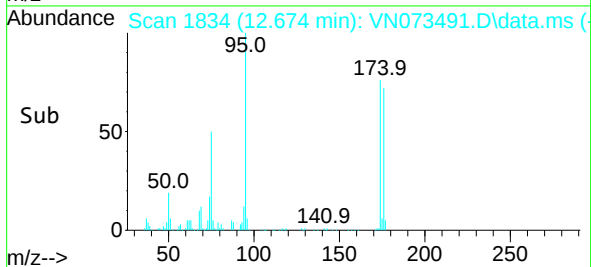
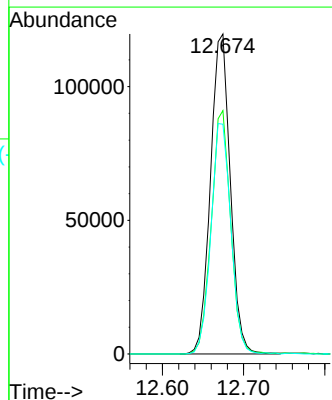
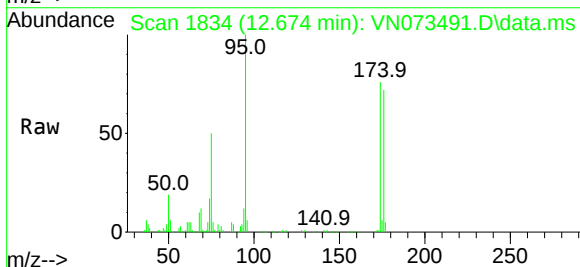
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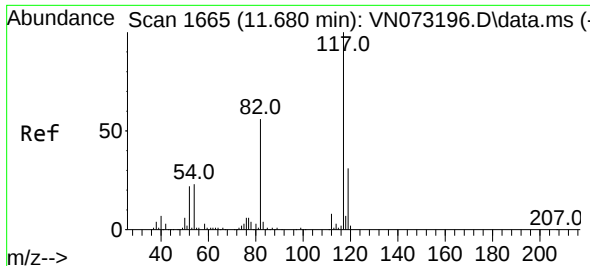
Tgt Ion: 98 Resp: 483982
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 52.659 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073491.D
Acq: 18 Jul 2022 11:48

Tgt Ion: 95 Resp: 203066
Ion Ratio Lower Upper
95 100
174 74.4 0.0 167.6
176 72.2 0.0 163.4

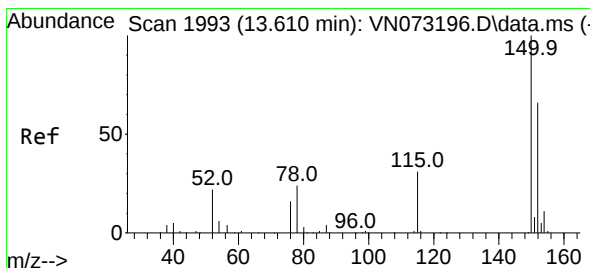
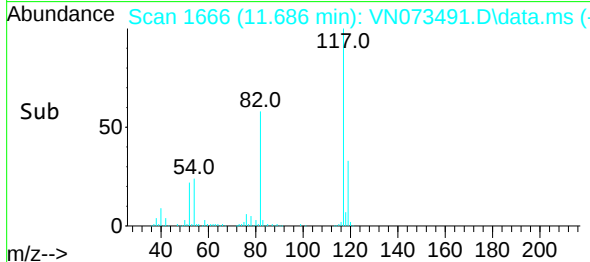
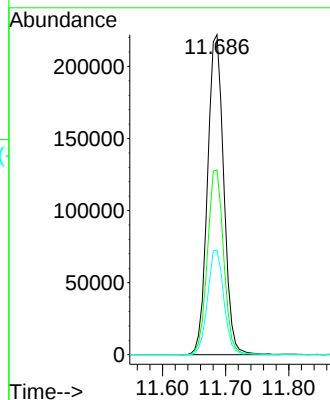
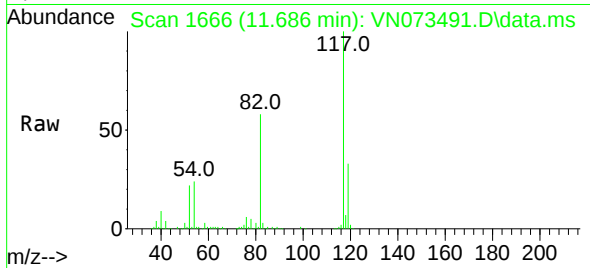




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073491.D
Acq: 18 Jul 2022 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBL01

Tgt Ion:117 Resp: 396989
Ion Ratio Lower Upper
117 100
82 57.7 44.2 66.2
119 32.6 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: VN073491.D
Acq: 18 Jul 2022 11:48

Tgt Ion:152 Resp: 189149
Ion Ratio Lower Upper
152 100
115 60.9 28.9 86.7
150 157.9 0.0 356.2

