

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120122\
 Data File : VY011666.D
 Acq On : 01 Dec 2022 16:39
 Operator : KP/MD
 Sample : N5814-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-113022RE

Quant Time: Dec 02 03:22:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	1156	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	1928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	1569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	290	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1105	94.139	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	188.280%#
35) Dibromofluoromethane	7.716	113	434	36.567	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.140%
50) Toluene-d8	10.185	98	2150	49.850	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.700%
62) 4-Bromofluorobenzene	12.483	95	330	20.694	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	41.380%

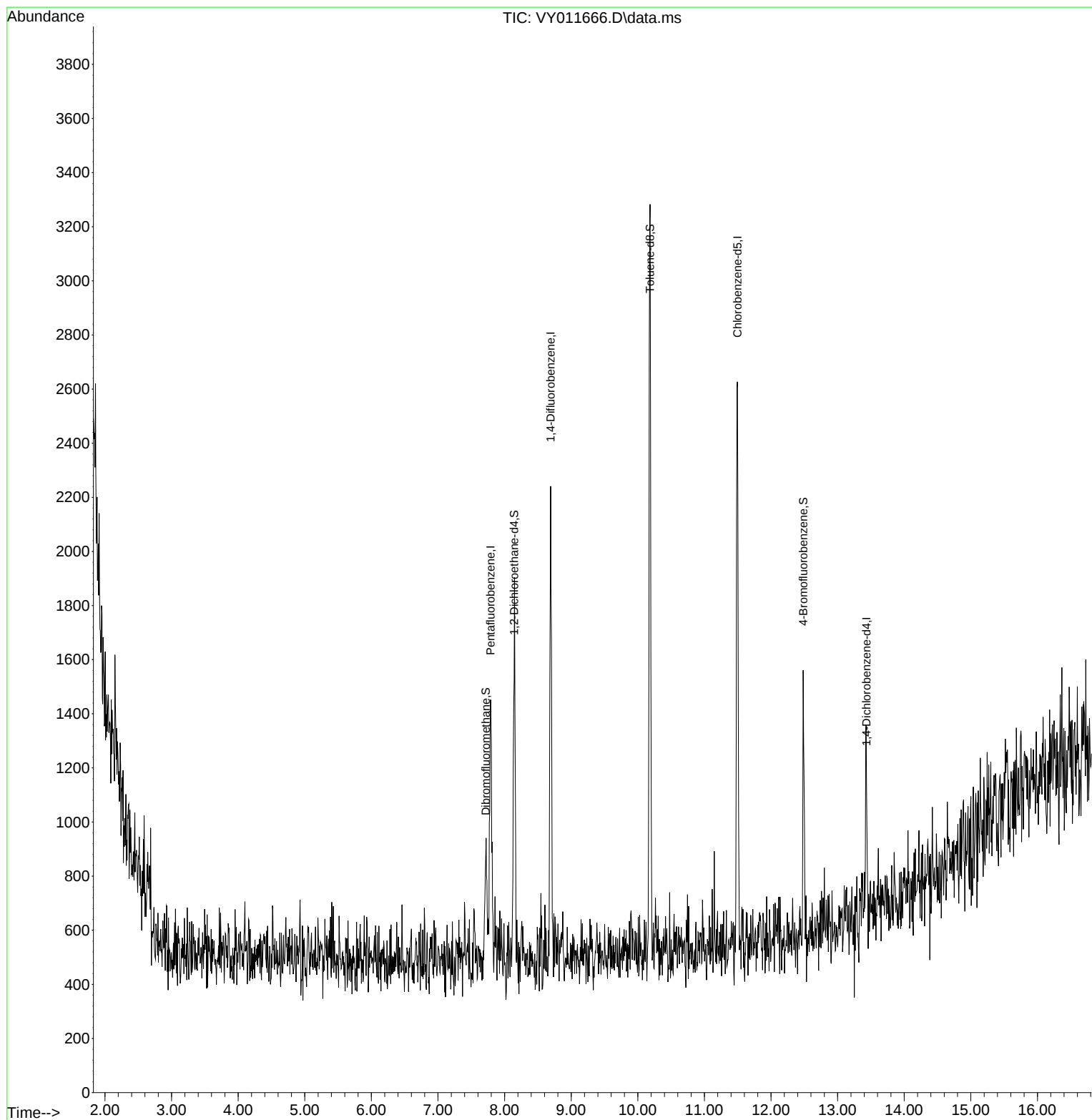
Target Compounds	Qvalue

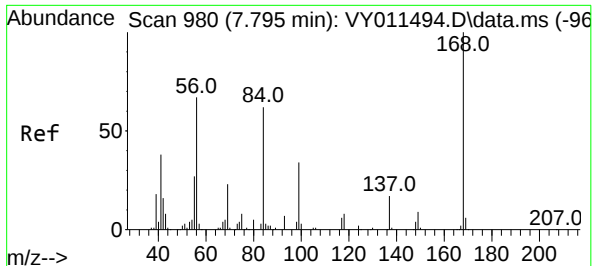
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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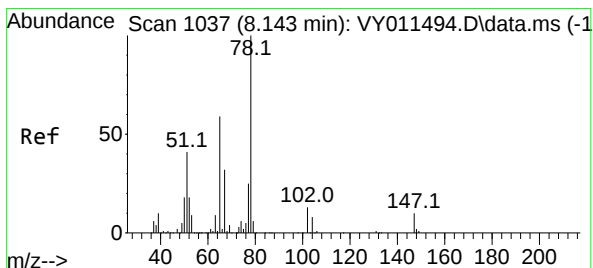
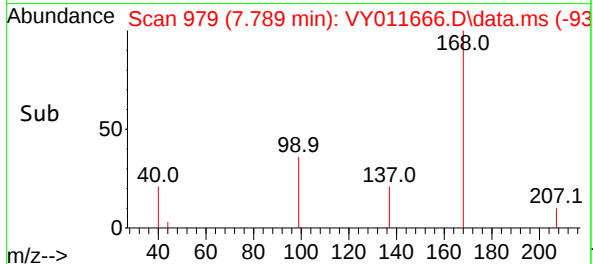
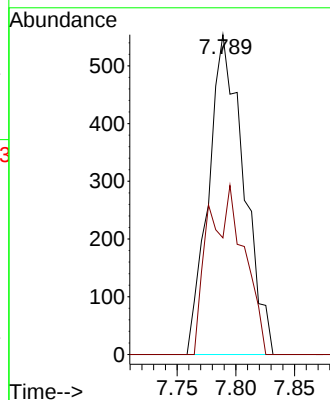
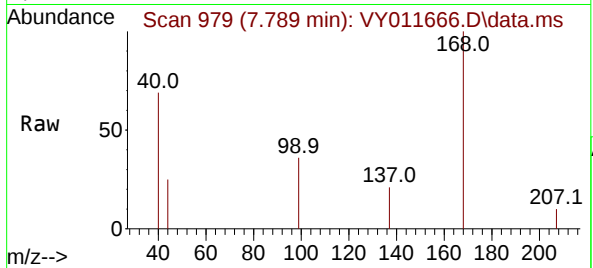




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011666.D
Acq: 01 Dec 2022 16:39

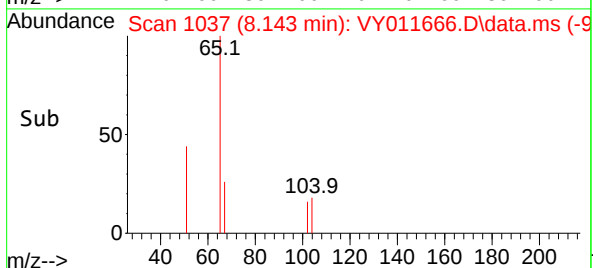
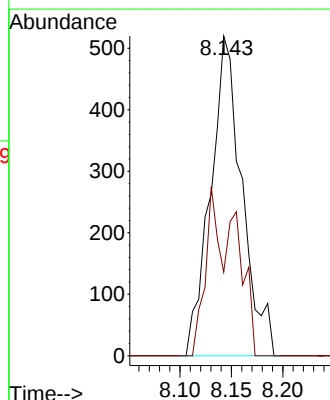
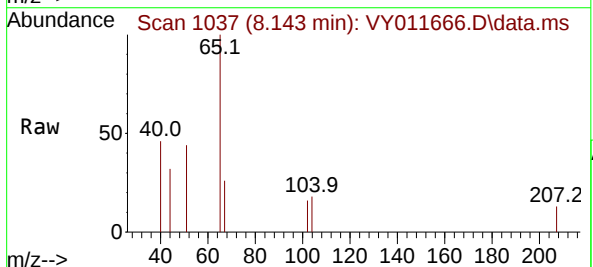
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-113022RE

Tgt Ion:168 Resp: 1156
Ion Ratio Lower Upper
168 100
99 36.5 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 94.139 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011666.D
Acq: 01 Dec 2022 16:39

Tgt Ion: 65 Resp: 1105
Ion Ratio Lower Upper
65 100
67 23.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011666.D

Acq: 01 Dec 2022 16:39

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-113022RE

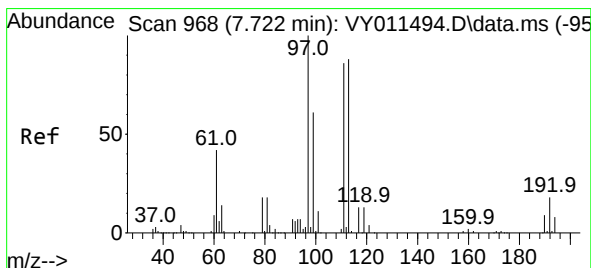
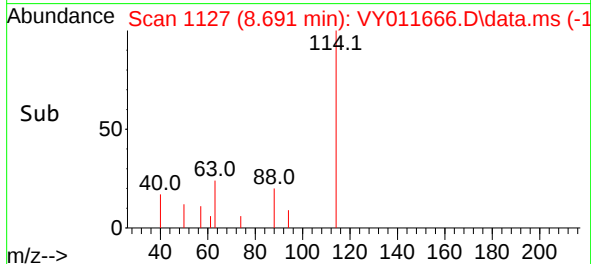
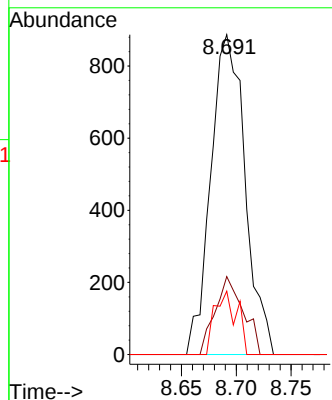
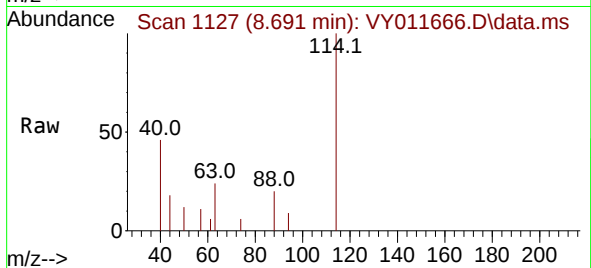
Tgt Ion:114 Resp: 1928

Ion Ratio Lower Upper

114 100

63 24.4 0.0 43.2

88 19.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 36.567 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011666.D

Acq: 01 Dec 2022 16:39

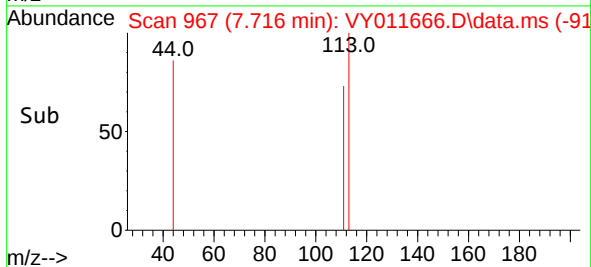
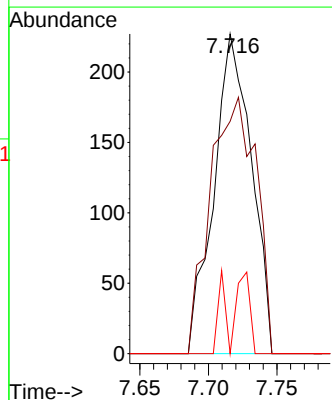
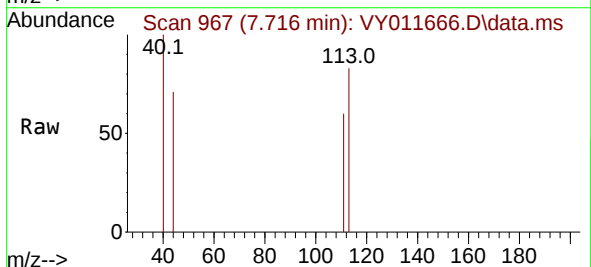
Tgt Ion:113 Resp: 434

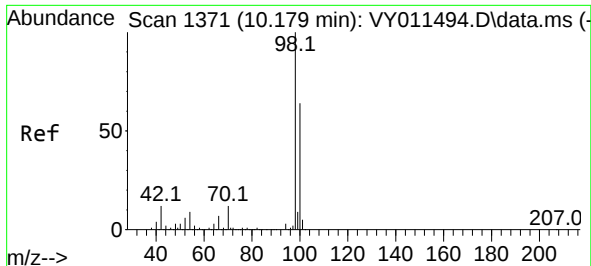
Ion Ratio Lower Upper

113 100

111 97.9 82.6 124.0

192 9.2 17.6 26.4#

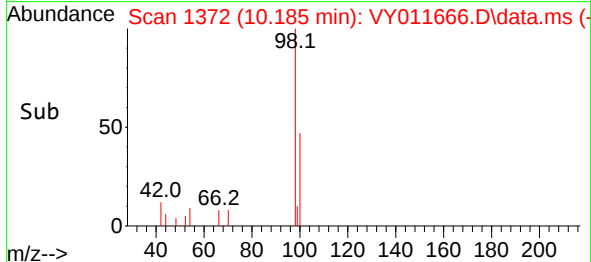
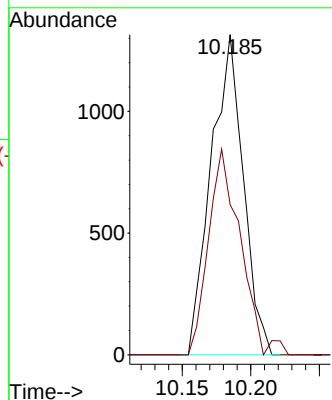
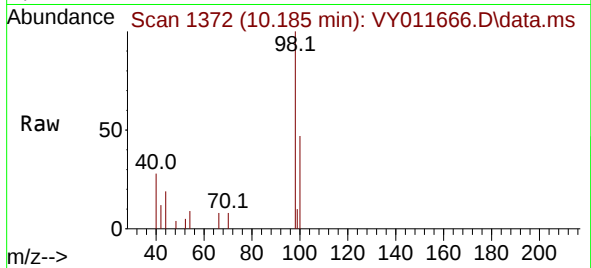




#50
Toluene-d8
Concen: 49.850 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011666.D
Acq: 01 Dec 2022 16:39

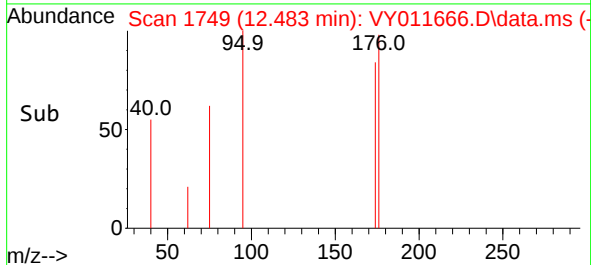
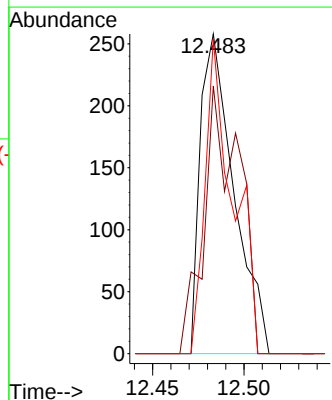
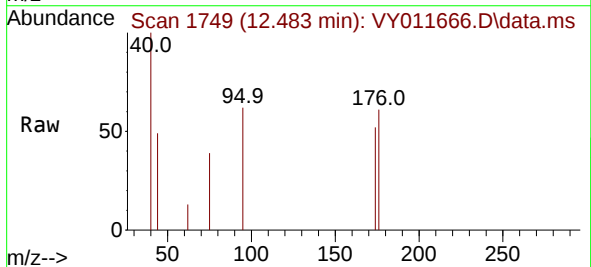
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-113022RE

Tgt Ion: 98 Resp: 2150
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 20.694 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011666.D
Acq: 01 Dec 2022 16:39

Tgt Ion: 95 Resp: 330
Ion Ratio Lower Upper
95 100
174 87.3 0.0 177.0
176 81.5 0.0 175.8

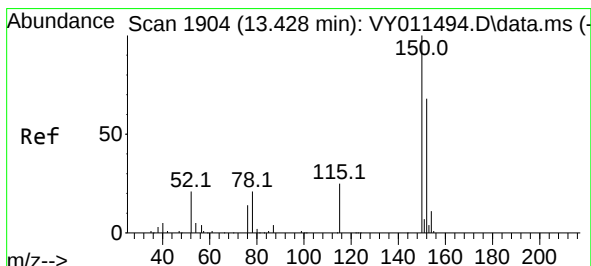
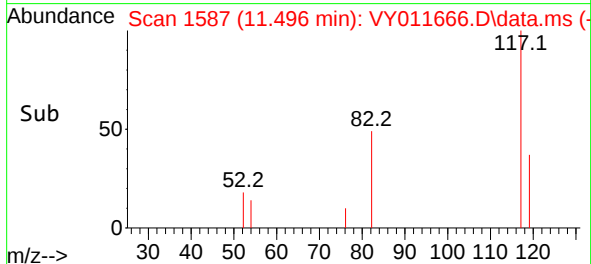
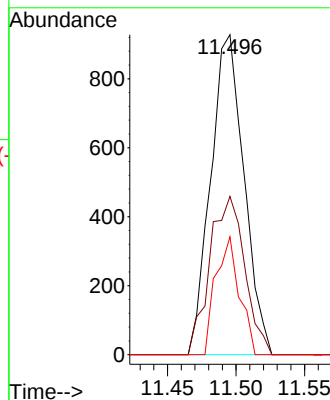
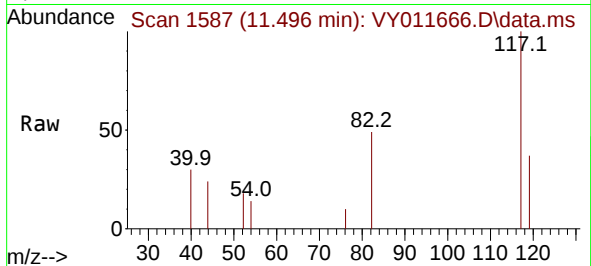




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011666.D
Acq: 01 Dec 2022 16:39

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-113022RE

Tgt Ion:117	Resp:	1569
Ion	Ratio	Lower Upper
117	100	
82	49.5	43.0 64.4
119	36.9	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY011666.D
Acq: 01 Dec 2022 16:39

Tgt Ion:152	Resp:	290
Ion	Ratio	Lower Upper
152	100	
115	15.9	28.2 84.7#
150	140.0	0.0 347.6

