

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113022\
 Data File : VY011646.D
 Acq On : 30 Nov 2022 17:12
 Operator : KP/MD
 Sample : N5806-12
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TRIP-BLANK

Quant Time: Dec 01 05:25:32 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	188994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	349406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	337314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	156899	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	133219	69.420	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.840%
35) Dibromofluoromethane	7.716	113	113081	52.573	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.140%
50) Toluene-d8	10.179	98	426978	54.627	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.260%
62) 4-Bromofluorobenzene	12.483	95	145323	50.287	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.580%

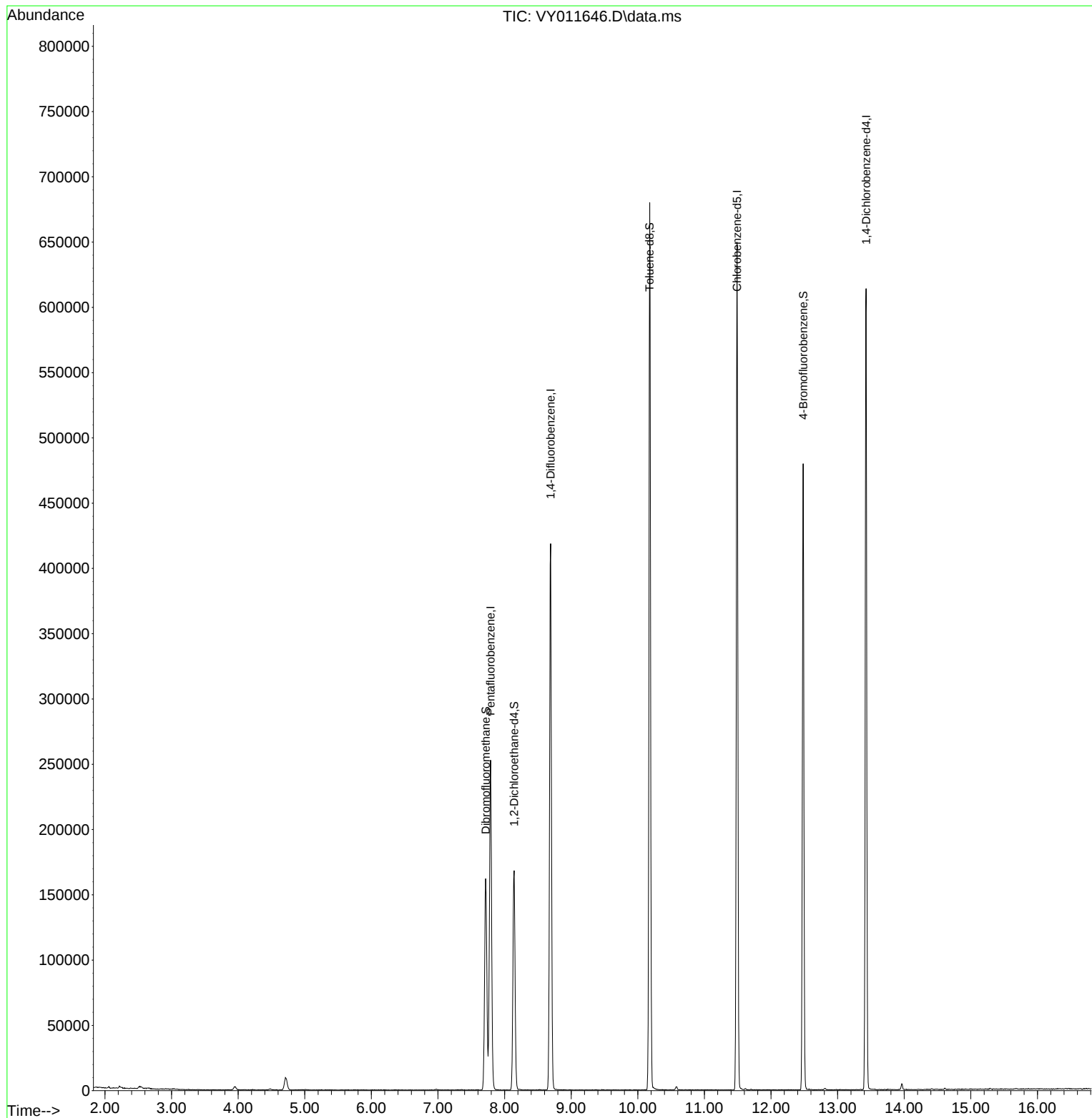
Target Compounds	Qvalue

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

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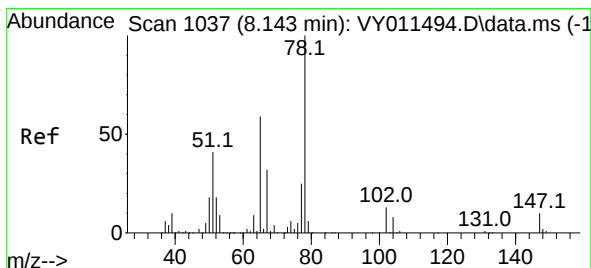
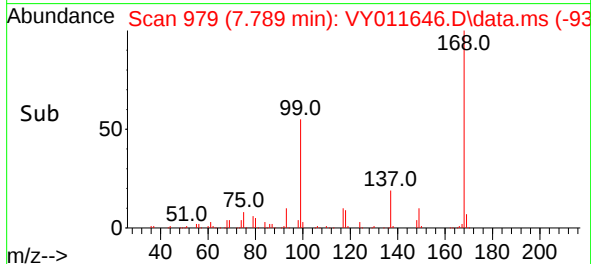
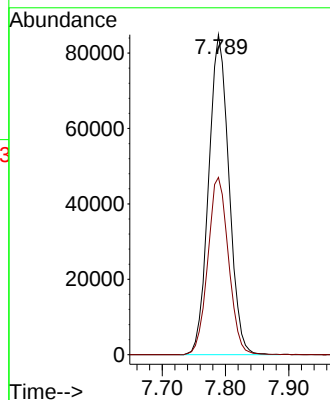
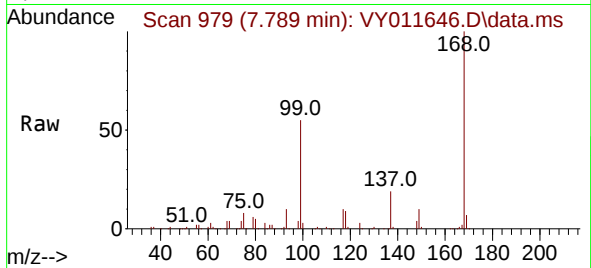




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011646.D
Acq: 30 Nov 2022 17:12

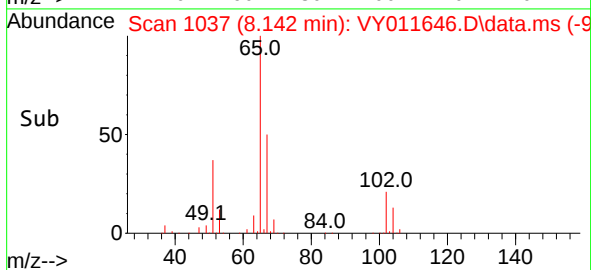
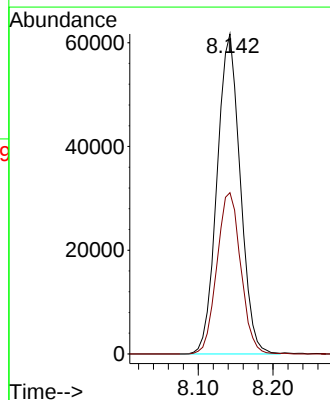
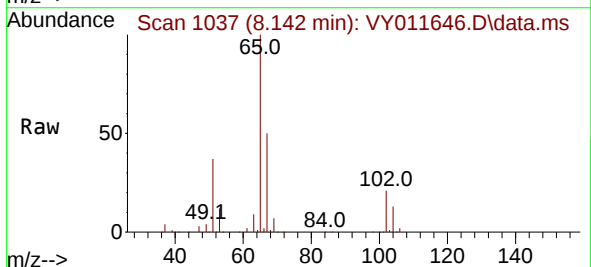
Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

Tgt Ion:168 Resp: 188994
Ion Ratio Lower Upper
168 100
99 55.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 69.420 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011646.D
Acq: 30 Nov 2022 17:12

Tgt Ion: 65 Resp: 133219
Ion Ratio Lower Upper
65 100
67 51.8 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: VY011646.D

Acq: 30 Nov 2022 17:12

Instrument :

MSVOA_Y

ClientSampleId :

TRIP-BLANK

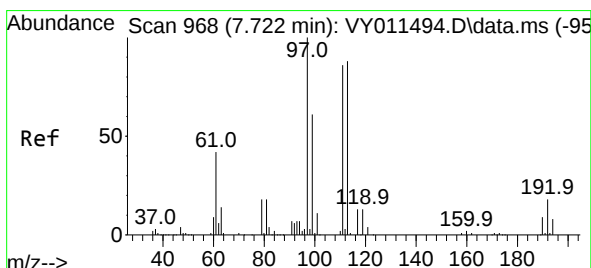
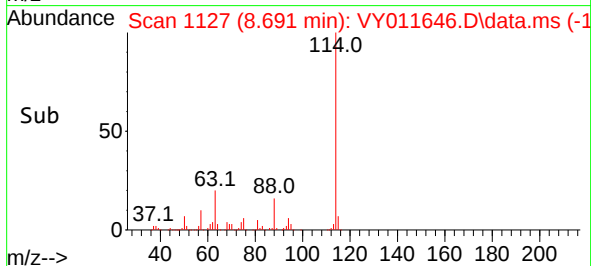
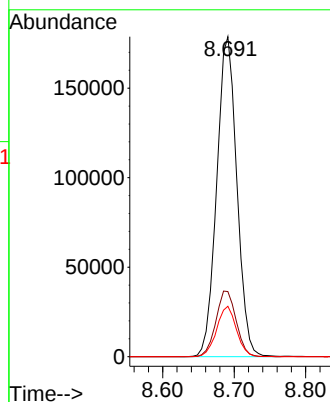
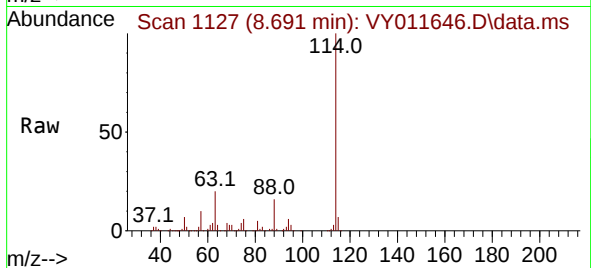
Tgt Ion:114 Resp: 349406

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

88 15.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.573 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011646.D

Acq: 30 Nov 2022 17:12

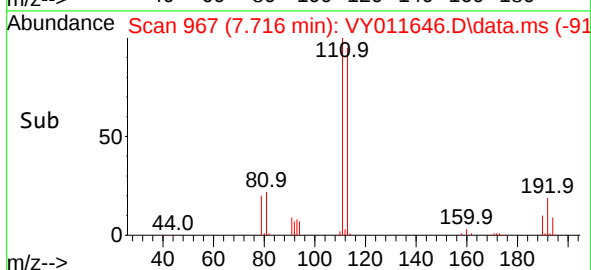
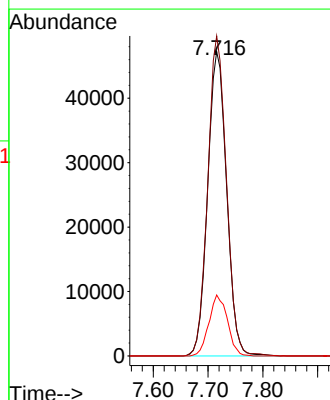
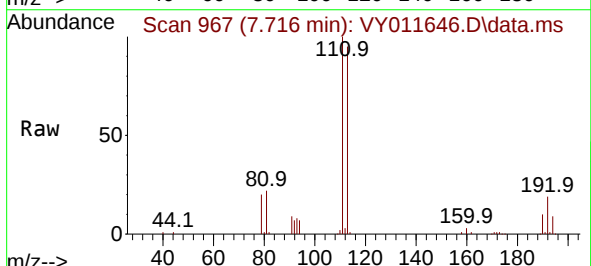
Tgt Ion:113 Resp: 113081

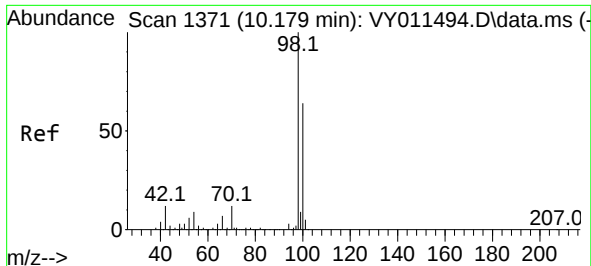
Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 19.6 17.6 26.4

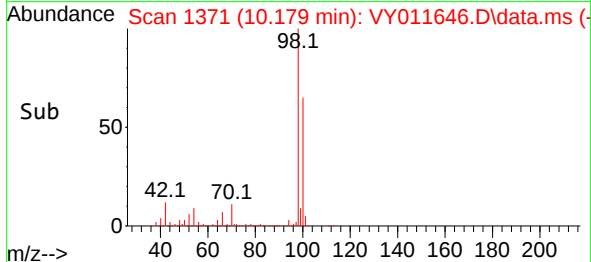
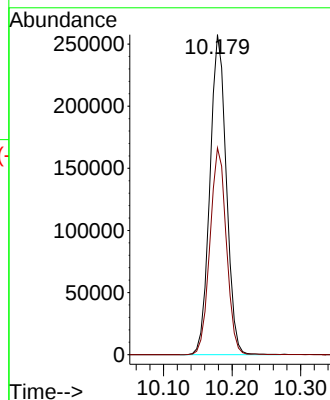
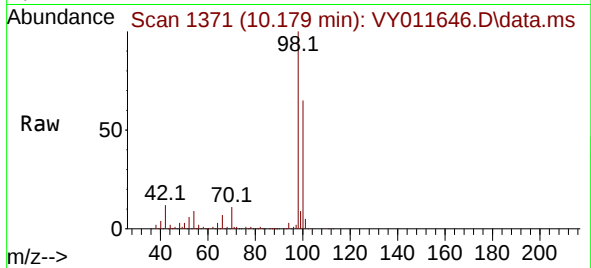




#50
Toluene-d8
Concen: 54.627 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011646.D
Acq: 30 Nov 2022 17:12

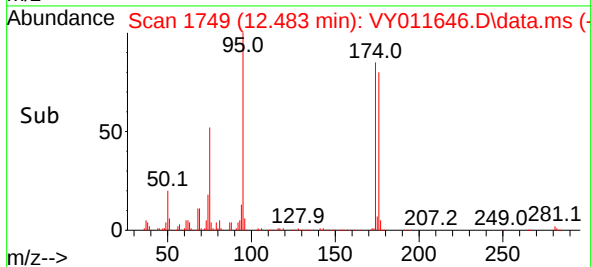
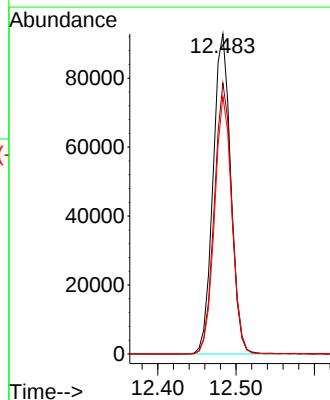
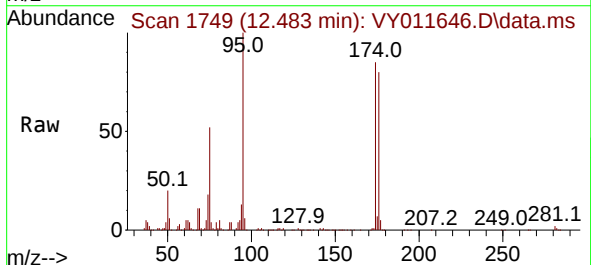
Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

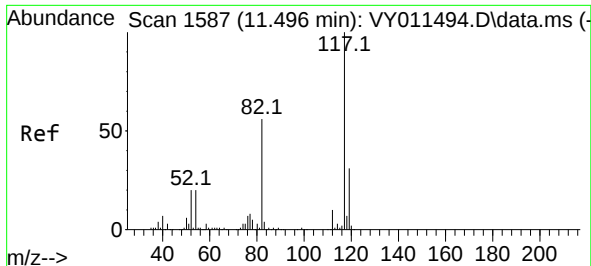
Tgt Ion: 98 Resp: 426978
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.287 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011646.D
Acq: 30 Nov 2022 17:12

Tgt Ion: 95 Resp: 145323
Ion Ratio Lower Upper
95 100
174 84.6 0.0 177.0
176 79.2 0.0 175.8

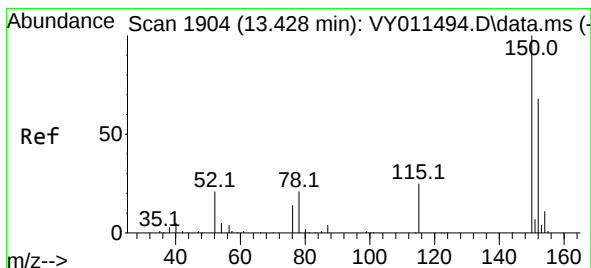
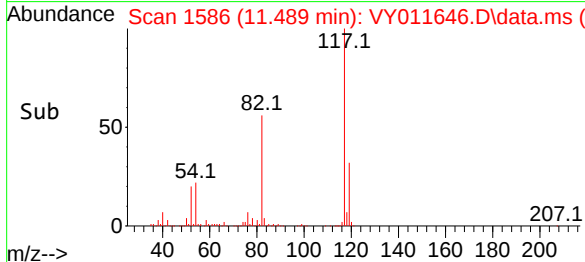
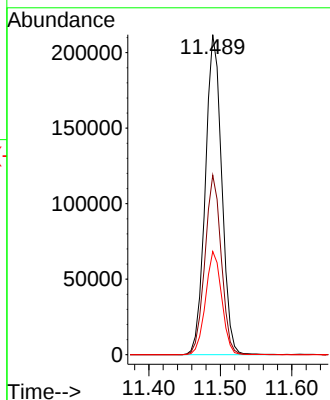
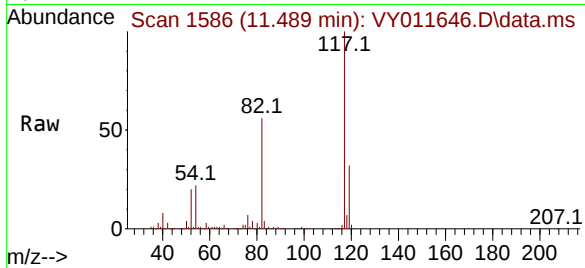




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.007 min
Lab File: VY011646.D
Acq: 30 Nov 2022 17:12

Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

Tgt Ion:117 Resp: 337314
Ion Ratio Lower Upper
117 100
82 56.1 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011646.D
Acq: 30 Nov 2022 17:12

Tgt Ion:152 Resp: 156899
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.7
150 157.1 0.0 347.6

