

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112822\
 Data File : VY011606.D
 Acq On : 28 Nov 2022 17:53
 Operator : KP/MD
 Sample : N5787-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1-STOCK

Quant Time: Nov 29 00:26:29 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	111760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	209152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	206130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87051	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	85409	75.263	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.520%
35) Dibromofluoromethane	7.716	113	73530	57.110	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.220%
50) Toluene-d8	10.179	98	260218	55.617	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.240%
62) 4-Bromofluorobenzene	12.483	95	81714	47.237	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.480%

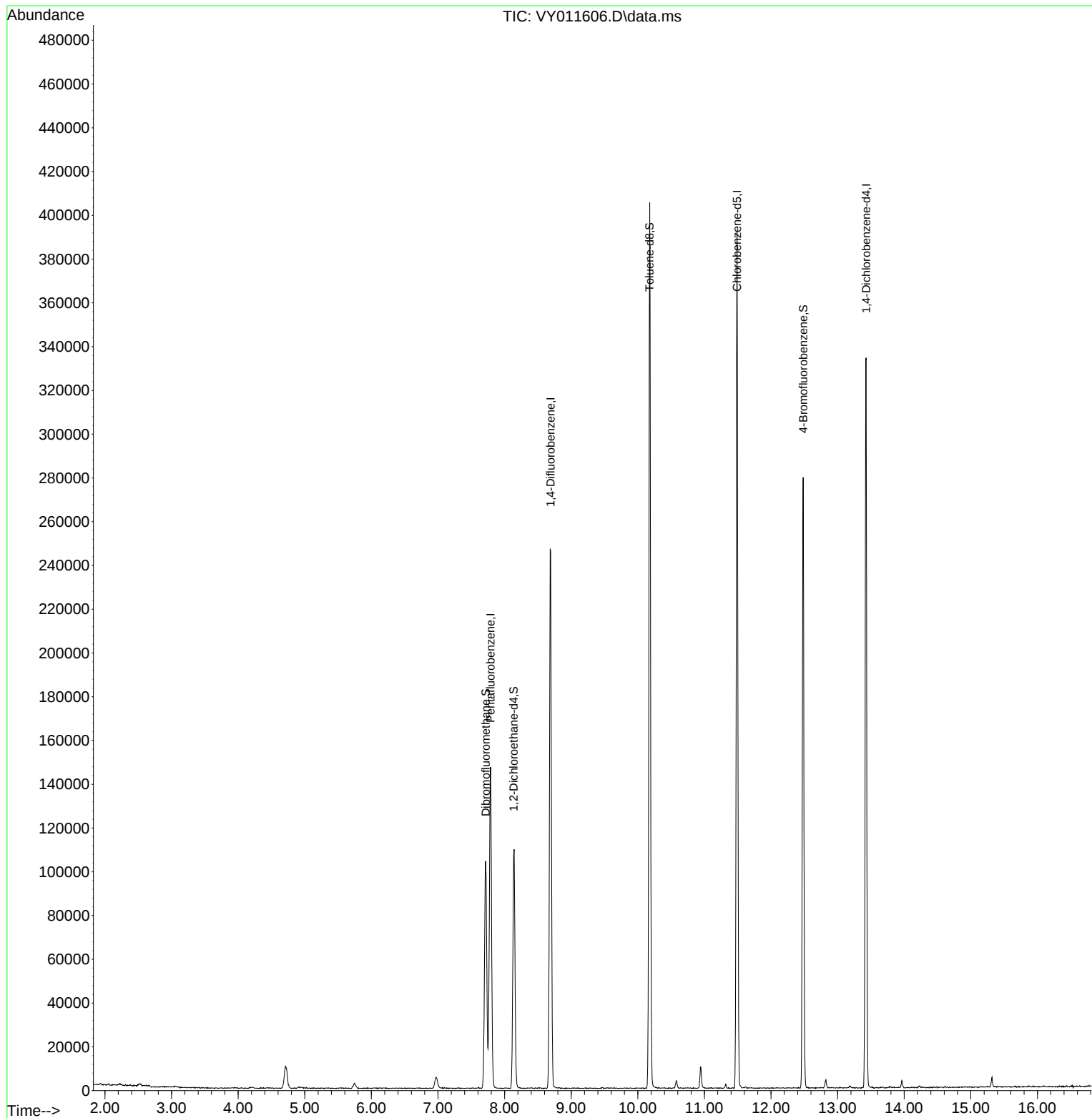
Target Compounds	Qvalue

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

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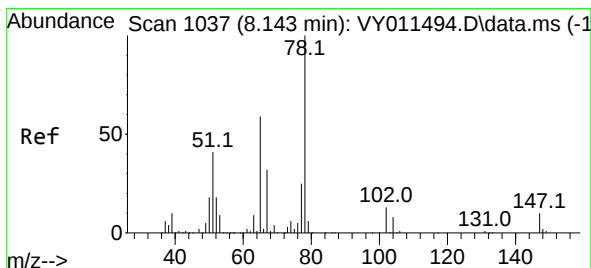
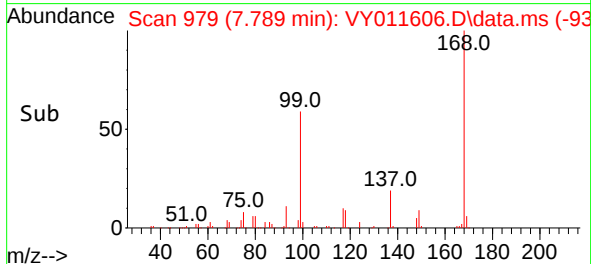
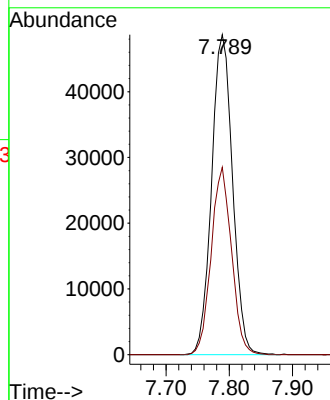
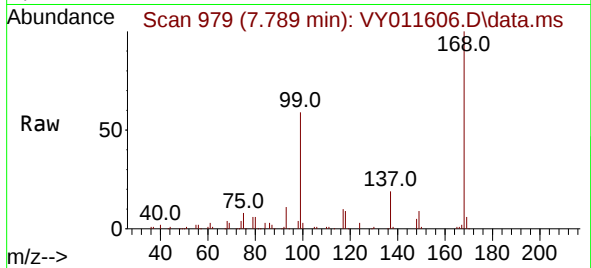




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011606.D
Acq: 28 Nov 2022 17:53

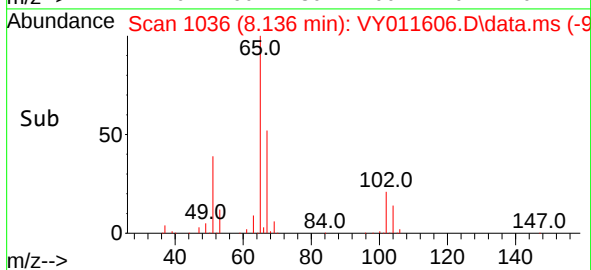
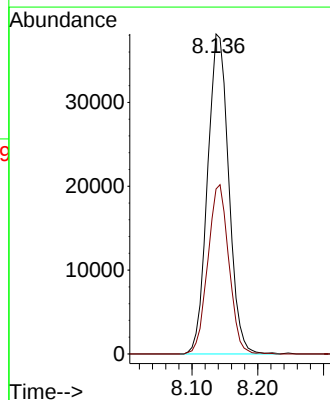
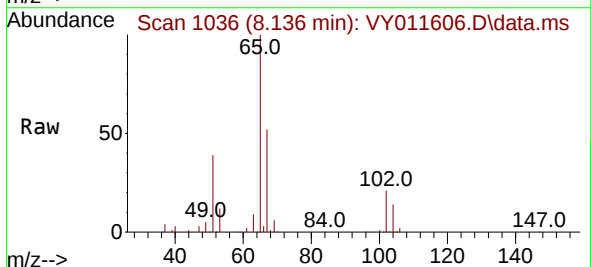
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-STOCK

Tgt Ion:168 Resp: 111760
Ion Ratio Lower Upper
168 100
99 58.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 75.263 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY011606.D
Acq: 28 Nov 2022 17:53

Tgt Ion: 65 Resp: 85409
Ion Ratio Lower Upper
65 100
67 52.6 0.0 99.4

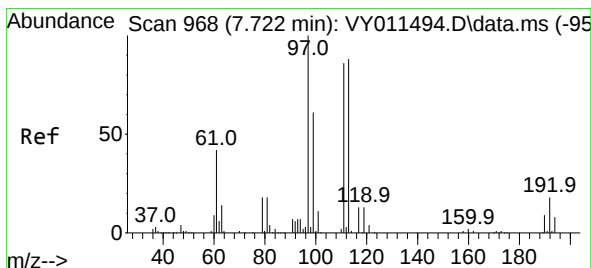
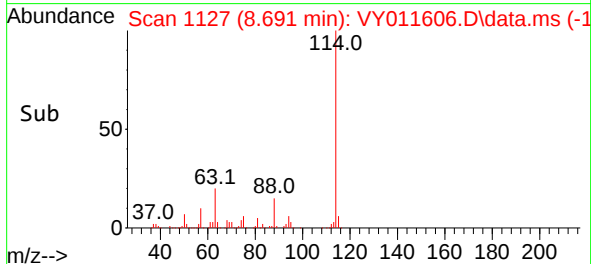
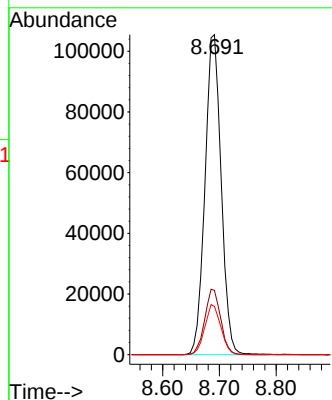
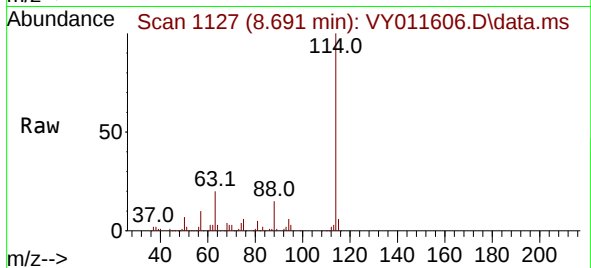




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011606.D
Acq: 28 Nov 2022 17:53

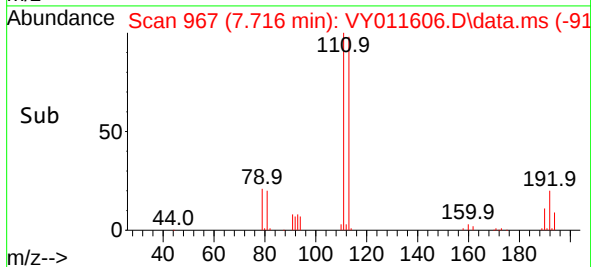
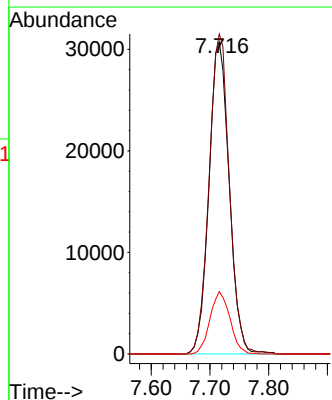
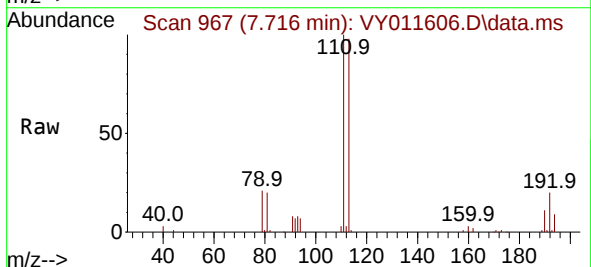
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-STOCK

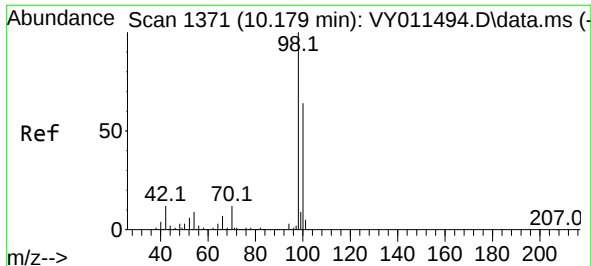
Tgt Ion:114 Resp: 209152
Ion Ratio Lower Upper
114 100
63 20.1 0.0 43.2
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 57.110 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY011606.D
Acq: 28 Nov 2022 17:53

Tgt Ion:113 Resp: 73530
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 19.7 17.6 26.4

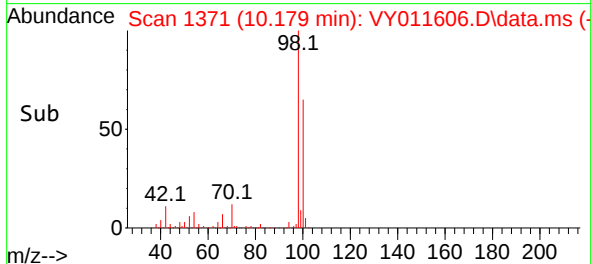
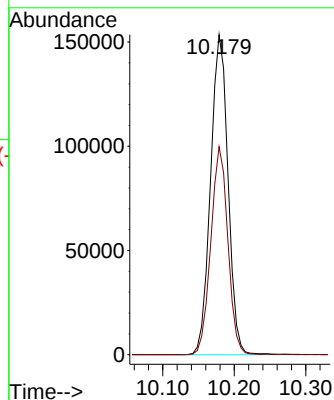
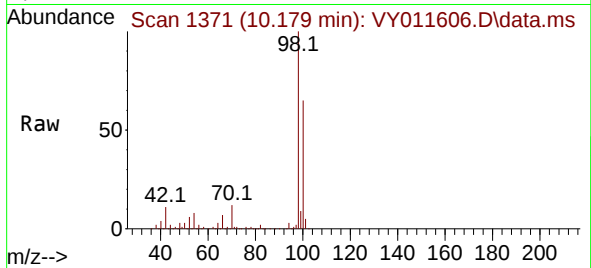




#50
Toluene-d8
Concen: 55.617 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011606.D
Acq: 28 Nov 2022 17:53

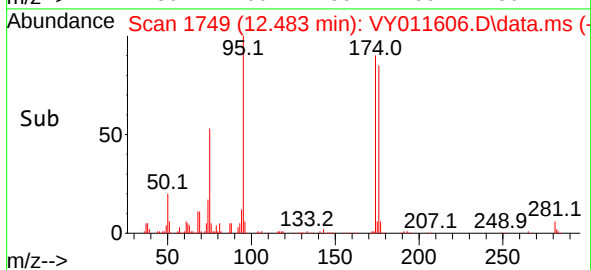
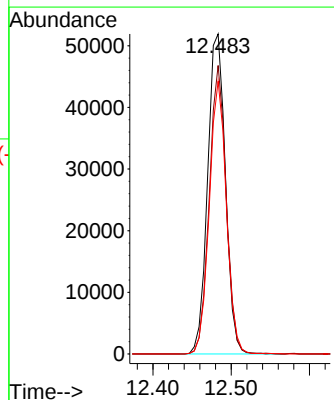
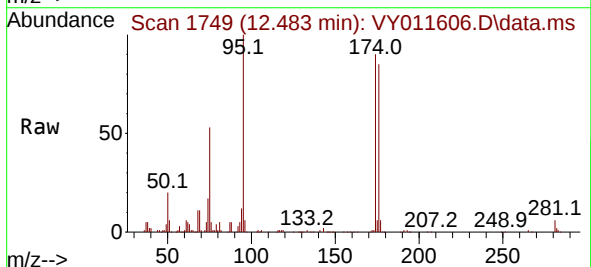
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-STOCK

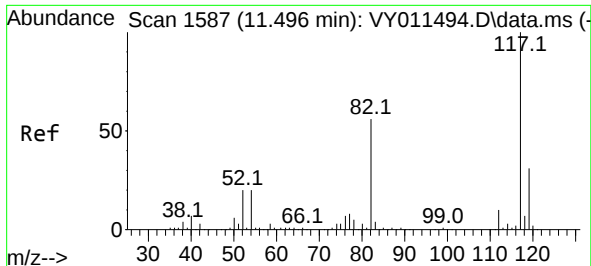
Tgt Ion: 98 Resp: 260218
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.237 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011606.D
Acq: 28 Nov 2022 17:53

Tgt Ion: 95 Resp: 81714
Ion Ratio Lower Upper
95 100
174 86.1 0.0 177.0
176 82.0 0.0 175.8

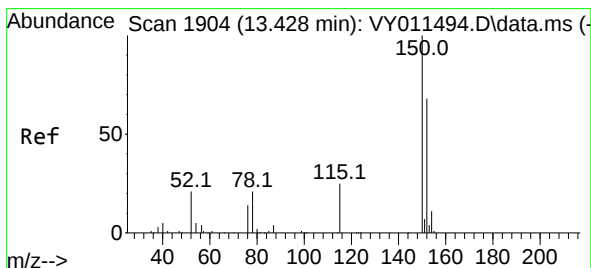
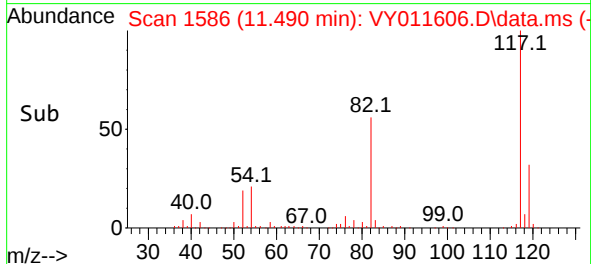
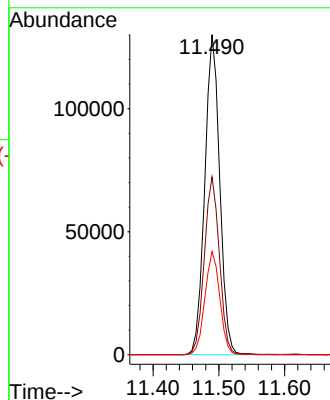
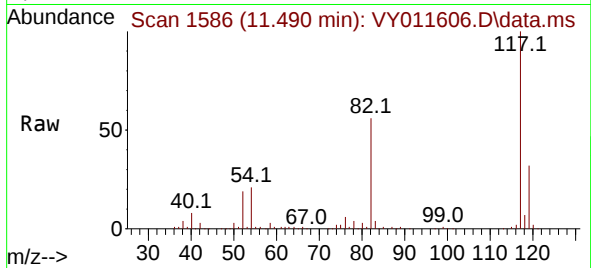




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011606.D
Acq: 28 Nov 2022 17:53

Instrument :
MSVOA_Y
ClientSampleId :
SB-1-STOCK

Tgt Ion:117 Resp: 206130
Ion Ratio Lower Upper
117 100
82 55.5 43.0 64.4
119 32.2 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: VY011606.D
Acq: 28 Nov 2022 17:53

Tgt Ion:152 Resp: 87051
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 156.1 0.0 347.6

