

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
 Data File : VY013444.D
 Acq On : 25 Apr 2023 14:19
 Operator : KP/MD
 Sample : 02464-01
 Misc : 12.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-91

Quant Time: Apr 26 02:49:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	168863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	286256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	273585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121405	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	123099	66.500	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.000%
35) Dibromofluoromethane	7.722	113	102113	56.716	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.440%
50) Toluene-d8	10.179	98	351319	54.852	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.700%
62) 4-Bromofluorobenzene	12.477	95	110052	50.968	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.940%

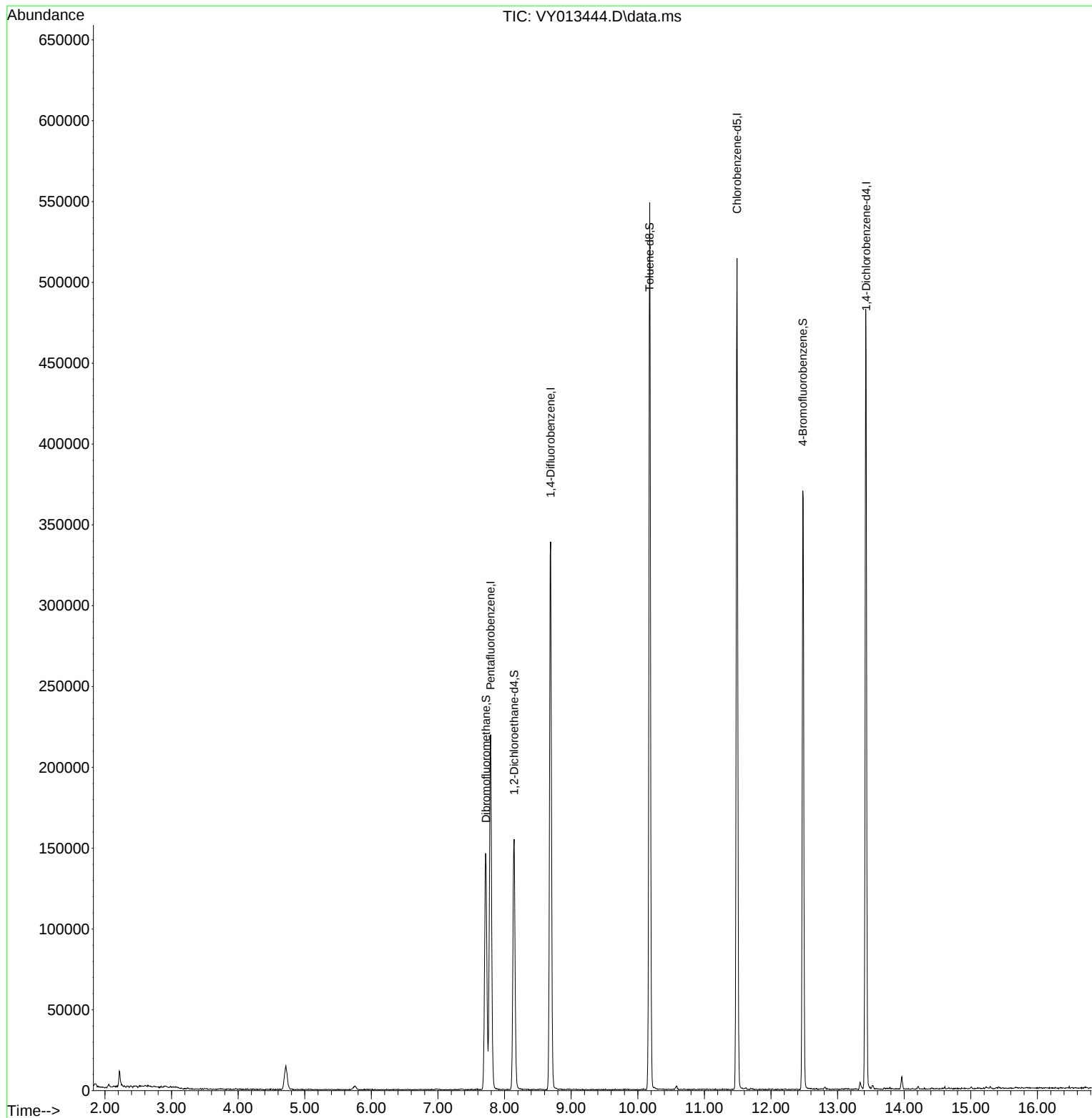
Target Compounds	Qvalue

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

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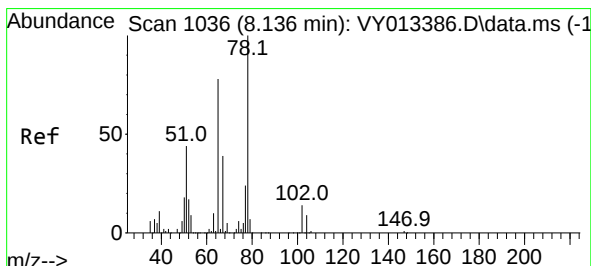
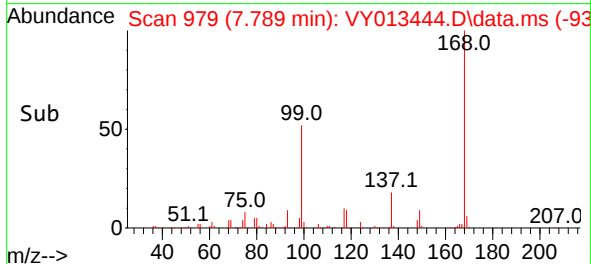
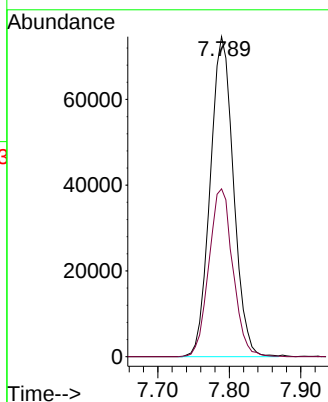
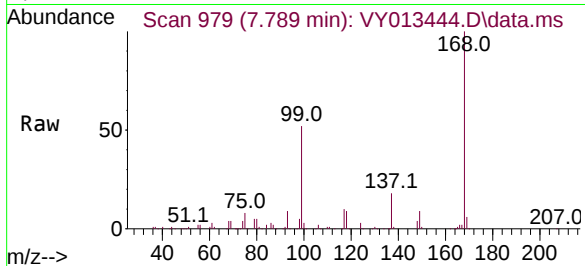




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013444.D
Acq: 25 Apr 2023 14:19

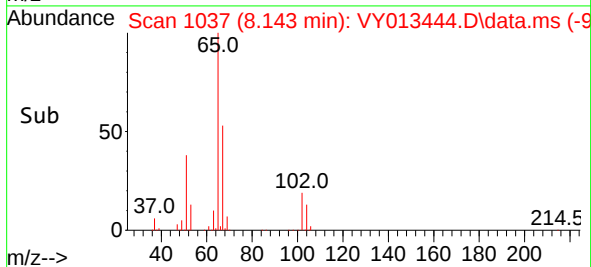
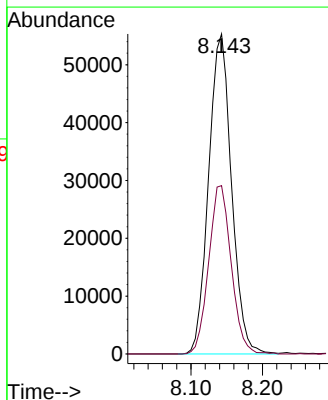
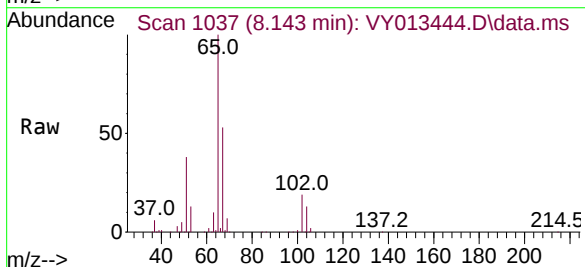
Instrument :
MSVOA_Y
ClientSampleId :
MH-91

Tgt Ion:168 Resp: 168863
Ion Ratio Lower Upper
168 100
99 52.5 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 66.500 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013444.D
Acq: 25 Apr 2023 14:19

Tgt Ion: 65 Resp: 123099
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013444.D

Acq: 25 Apr 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

MH-91

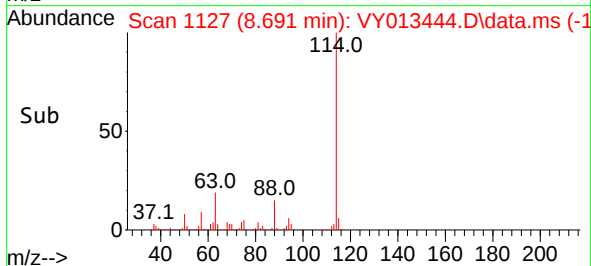
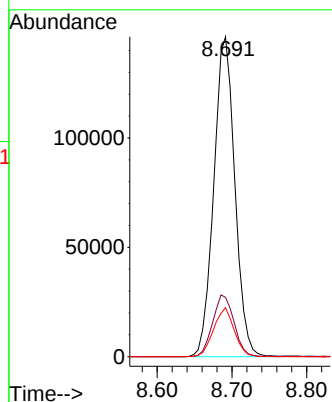
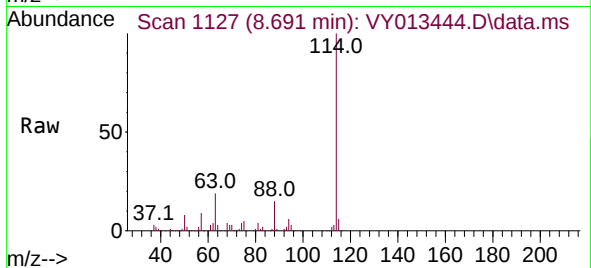
Tgt Ion:114 Resp: 286256

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.6

88 15.3 0.0 28.8



#35

Dibromofluoromethane

Concen: 56.716 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY013444.D

Acq: 25 Apr 2023 14:19

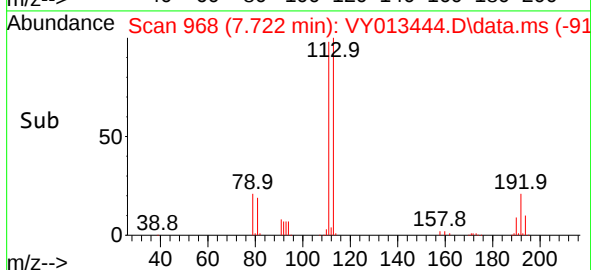
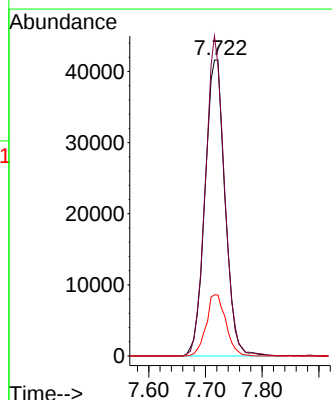
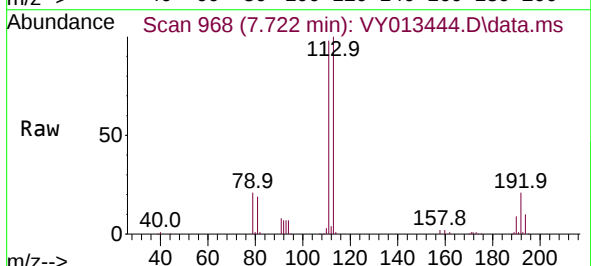
Tgt Ion:113 Resp: 102113

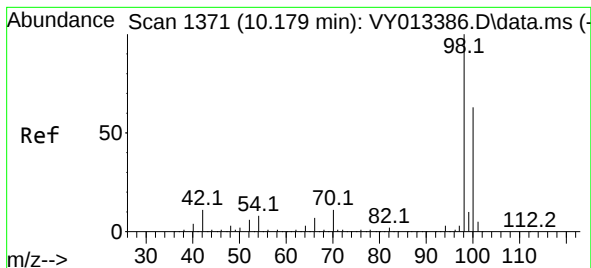
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

192 20.2 16.7 25.1





#50

Toluene-d8

Concen: 54.852 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013444.D

Acq: 25 Apr 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

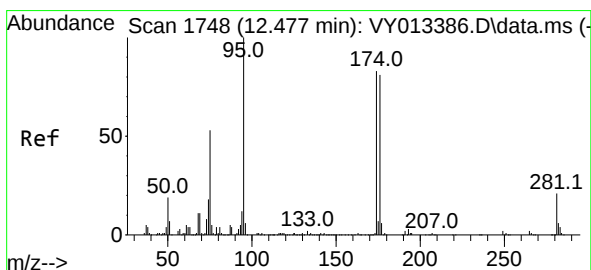
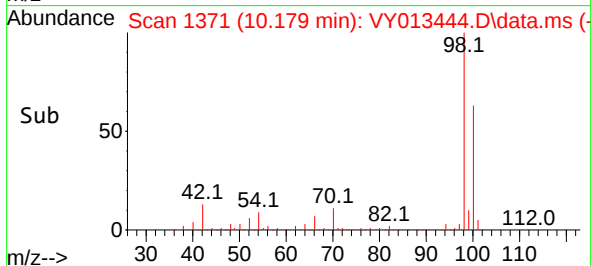
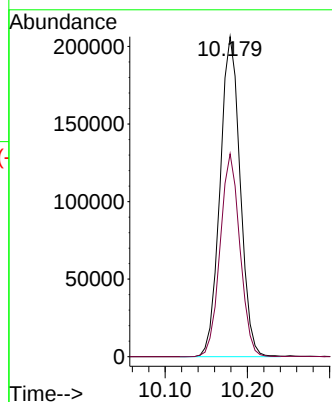
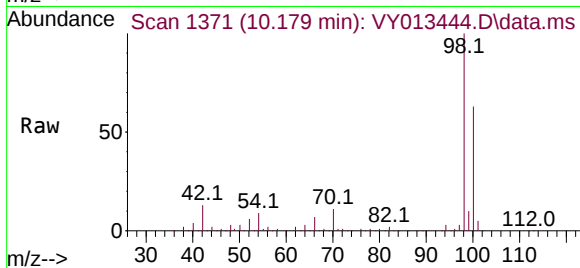
MH-91

Tgt Ion: 98 Resp: 351319

Ion Ratio Lower Upper

98 100

100 62.2 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 50.968 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY013444.D

Acq: 25 Apr 2023 14:19

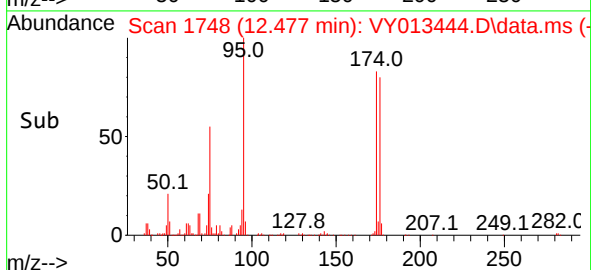
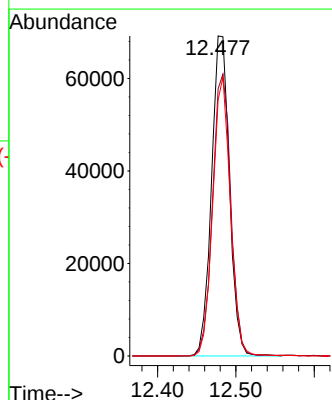
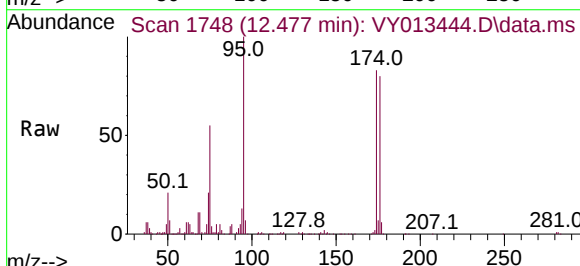
Tgt Ion: 95 Resp: 110052

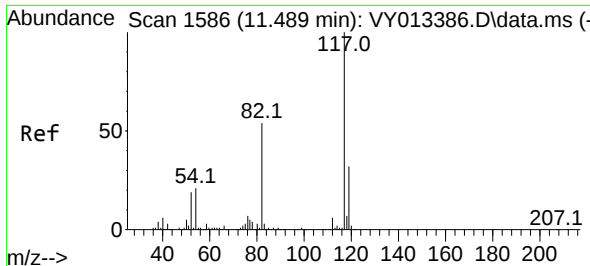
Ion Ratio Lower Upper

95 100

174 89.5 0.0 182.0

176 85.3 0.0 175.4

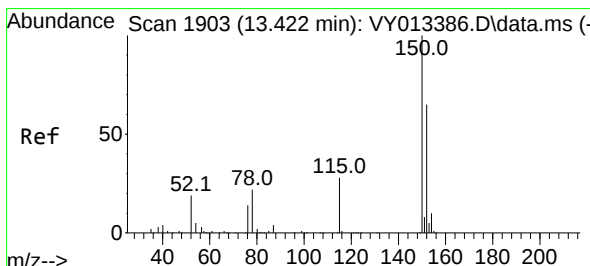
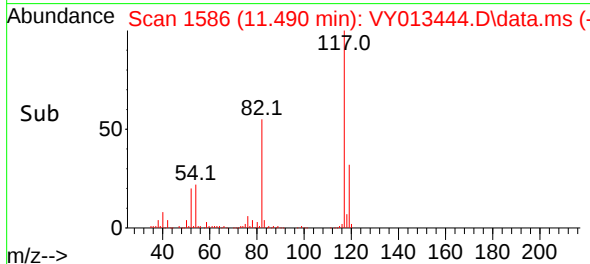
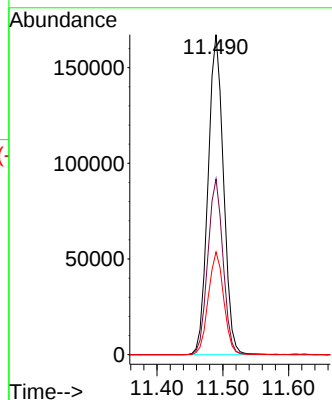
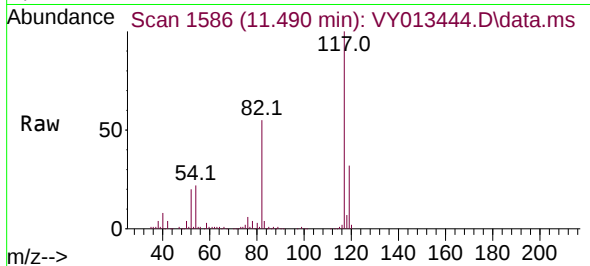




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013444.D
Acq: 25 Apr 2023 14:19

Instrument :
MSVOA_Y
ClientSampleId :
MH-91

Tgt Ion:117 Resp: 273585
Ion Ratio Lower Upper
117 100
82 54.9 43.0 64.6
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013444.D
Acq: 25 Apr 2023 14:19

Tgt Ion:152 Resp: 121405
Ion Ratio Lower Upper
152 100
115 57.0 28.1 84.2
150 160.3 0.0 352.0

