

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042823\
 Data File : VY013517.D
 Acq On : 28 Apr 2023 11:46
 Operator : KP/MD
 Sample : 02470-13
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11-8.5-9.0

Quant Time: Apr 28 15:19:48 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	228023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	381923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	367303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	161425	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	161224	64.499	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.000%
35) Dibromofluoromethane	7.716	113	133819	55.709	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.420%
50) Toluene-d8	10.179	98	465942	54.526	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.060%
62) 4-Bromofluorobenzene	12.483	95	147592	51.232	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.460%

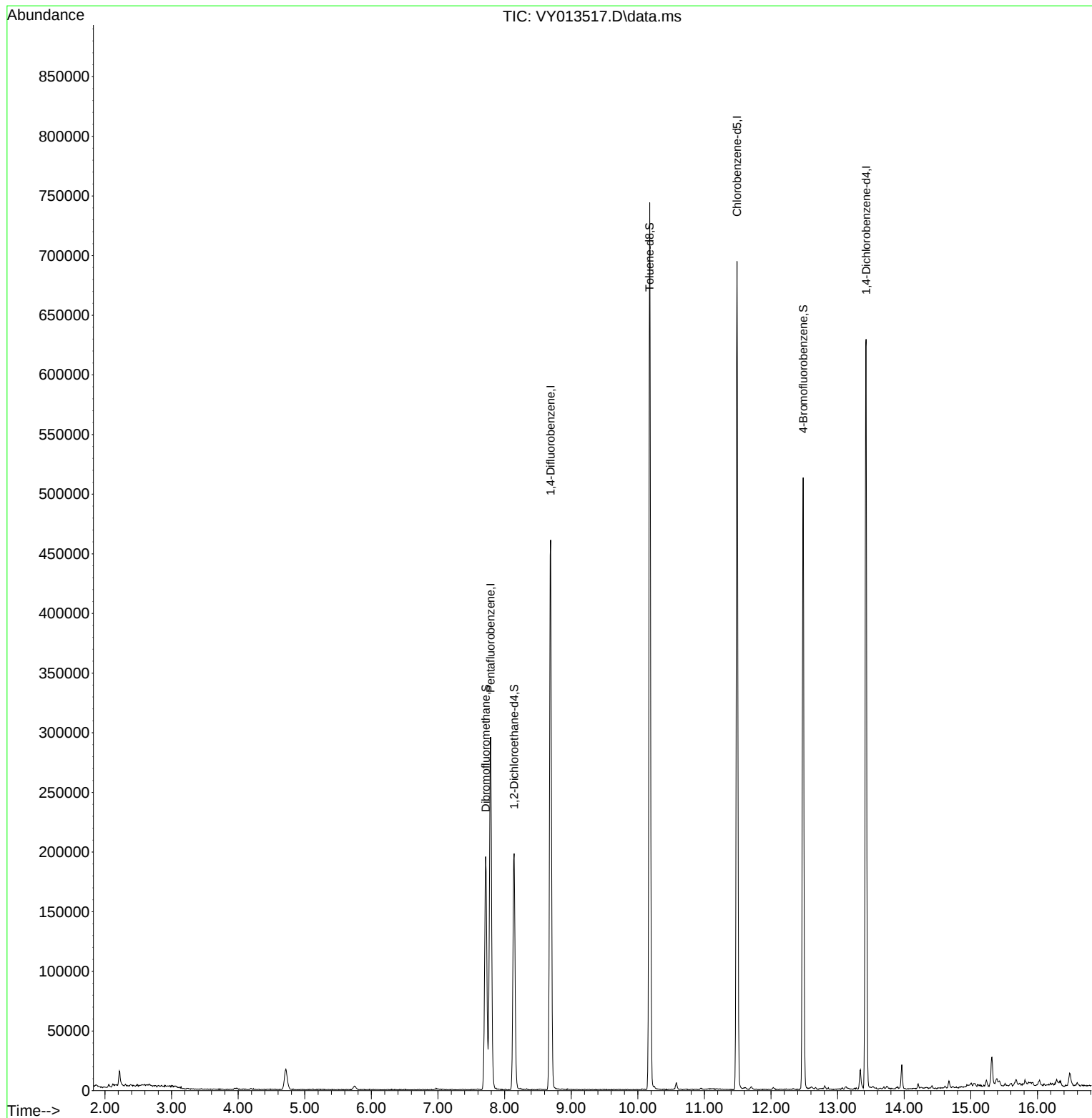
Target Compounds	Qvalue

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

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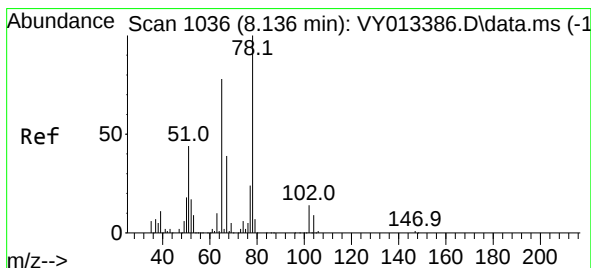
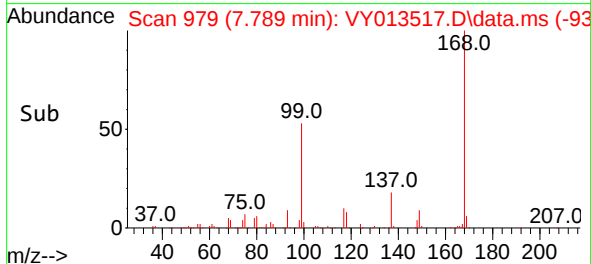
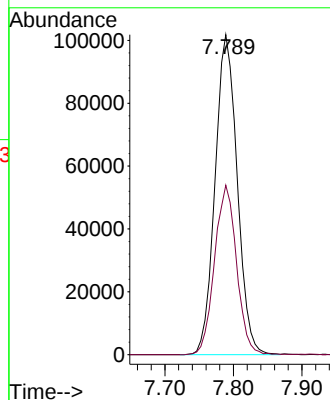
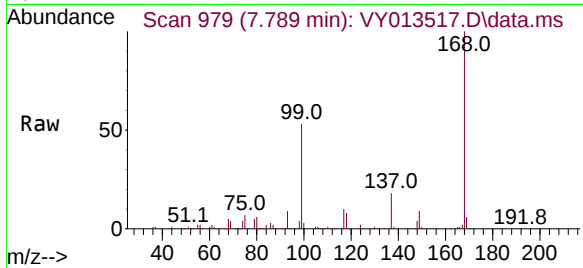




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013517.D
Acq: 28 Apr 2023 11:46

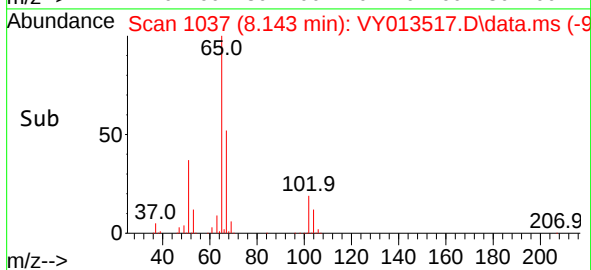
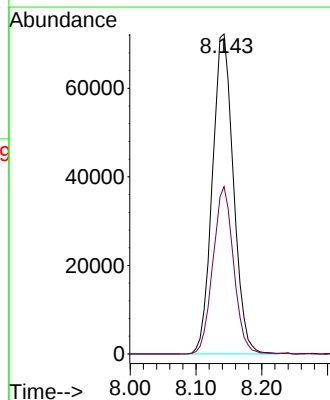
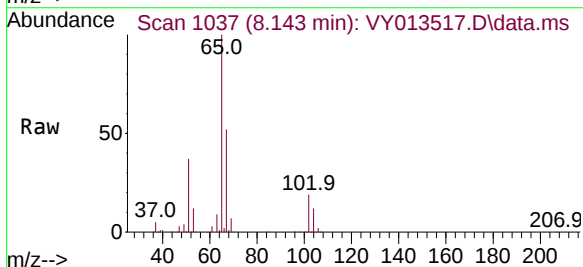
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-8.5-9.0

Tgt Ion:168 Resp: 228023
Ion Ratio Lower Upper
168 100
99 52.9 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 64.499 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013517.D
Acq: 28 Apr 2023 11:46

Tgt Ion: 65 Resp: 161224
Ion Ratio Lower Upper
65 100
67 51.3 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: VY013517.D

Acq: 28 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

SB-11-8.5-9.0

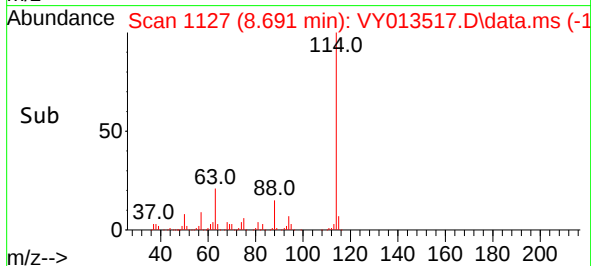
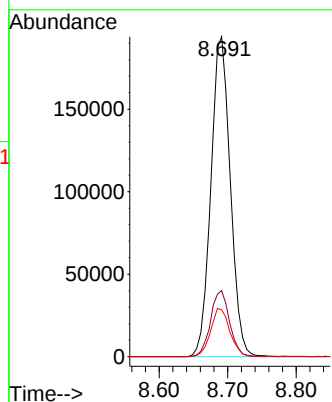
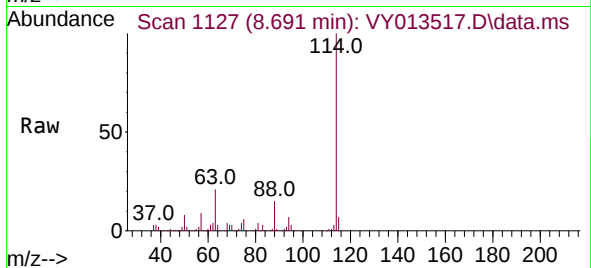
Tgt Ion:114 Resp: 381923

Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.6

88 14.6 0.0 28.8



#35

Dibromofluoromethane

Concen: 55.709 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013517.D

Acq: 28 Apr 2023 11:46

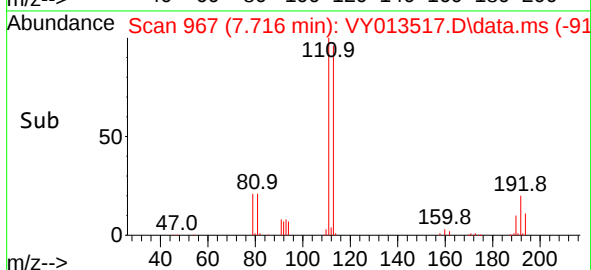
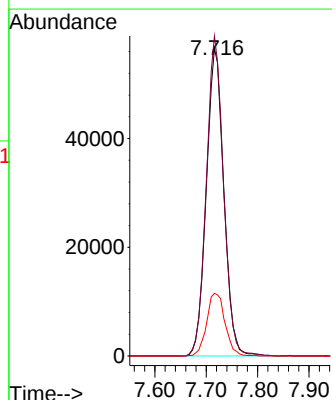
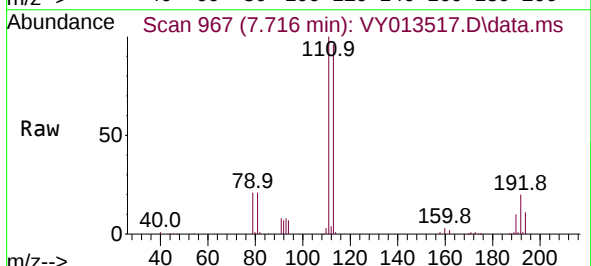
Tgt Ion:113 Resp: 133819

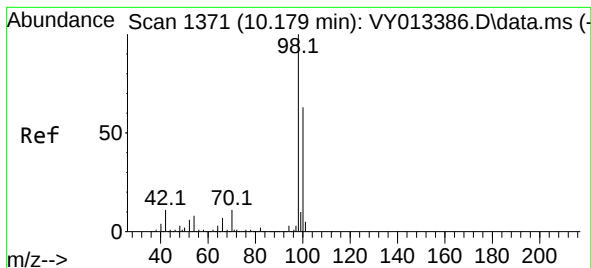
Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.2

192 21.4 16.7 25.1





#50

Toluene-d8

Concen: 54.526 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013517.D

Acq: 28 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

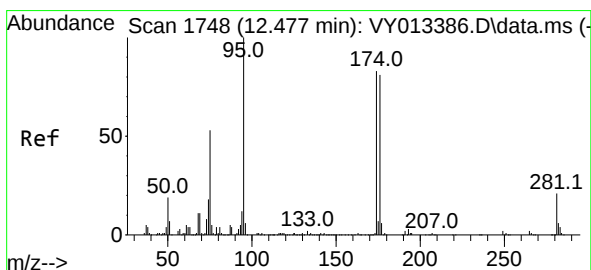
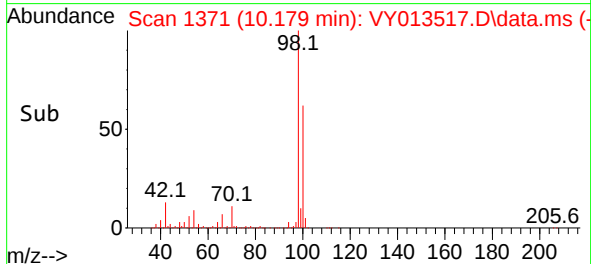
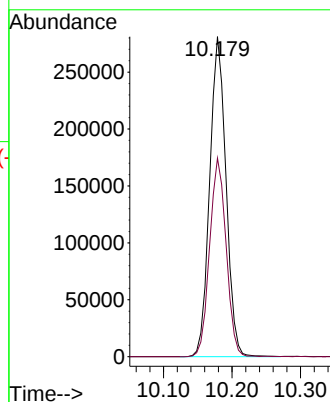
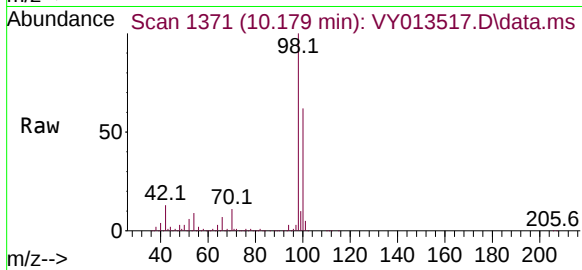
SB-11-8.5-9.0

Tgt Ion: 98 Resp: 465942

Ion Ratio Lower Upper

98 100

100 62.8 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 51.232 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY013517.D

Acq: 28 Apr 2023 11:46

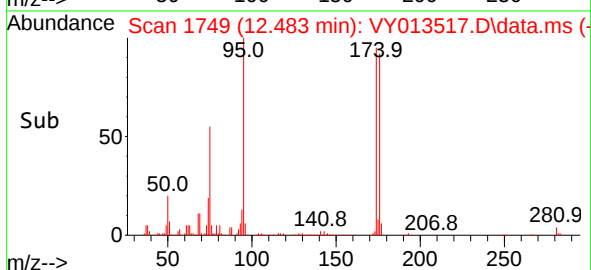
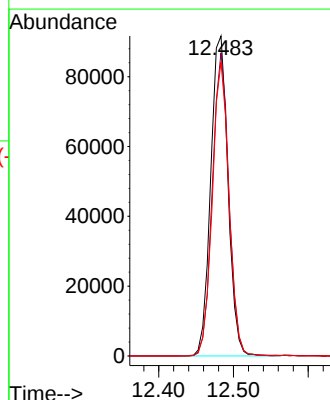
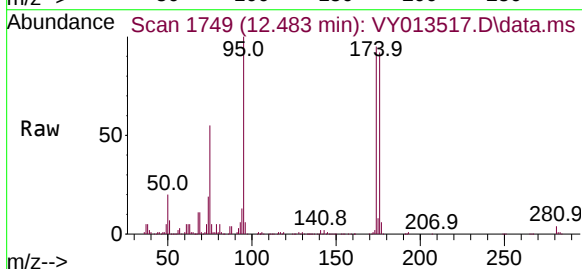
Tgt Ion: 95 Resp: 147592

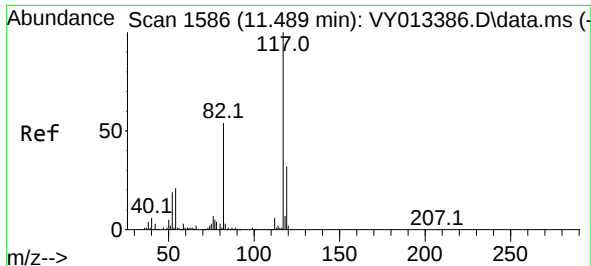
Ion Ratio Lower Upper

95 100

174 90.9 0.0 182.0

176 88.3 0.0 175.4

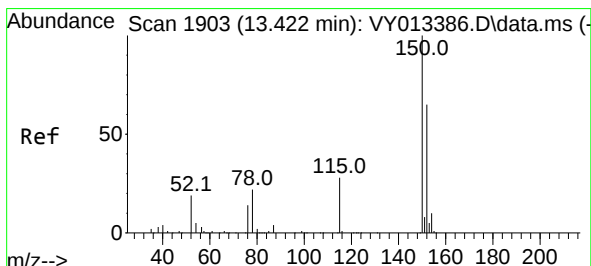
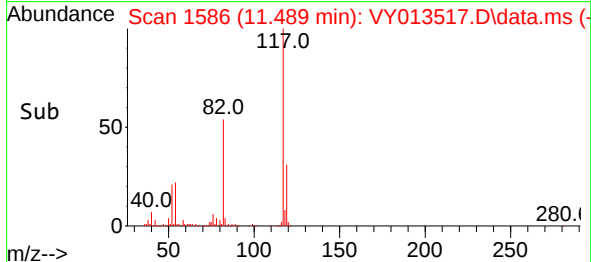
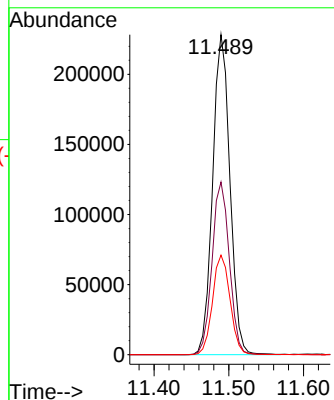
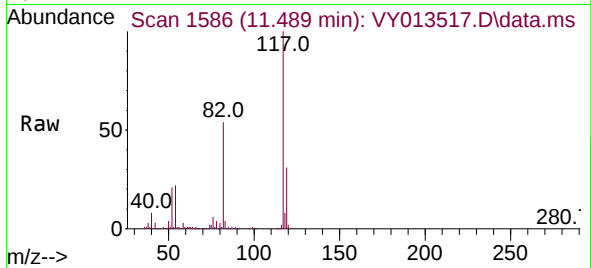




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013517.D
Acq: 28 Apr 2023 11:46

Instrument :
MSVOA_Y
ClientSampleId :
SB-11-8.5-9.0

Tgt Ion:117 Resp: 367303
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.6
119 31.1 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: VY013517.D
Acq: 28 Apr 2023 11:46

Tgt Ion:152 Resp: 161425
Ion Ratio Lower Upper
152 100
115 57.3 28.1 84.2
150 157.7 0.0 352.0

