

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030623\
 Data File : VY012817.D
 Acq On : 06 Mar 2023 12:49
 Operator : KP/MD
 Sample : 01749-03
 Misc : 6.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-5

Quant Time: Mar 06 14:14:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	129681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	210185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	184983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82328	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	77412	60.123	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.240%
35) Dibromofluoromethane	7.715	113	77015	60.715	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.440%
50) Toluene-d8	10.178	98	258310	55.703	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.400%
62) 4-Bromofluorobenzene	12.483	95	78838	50.370	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.740%

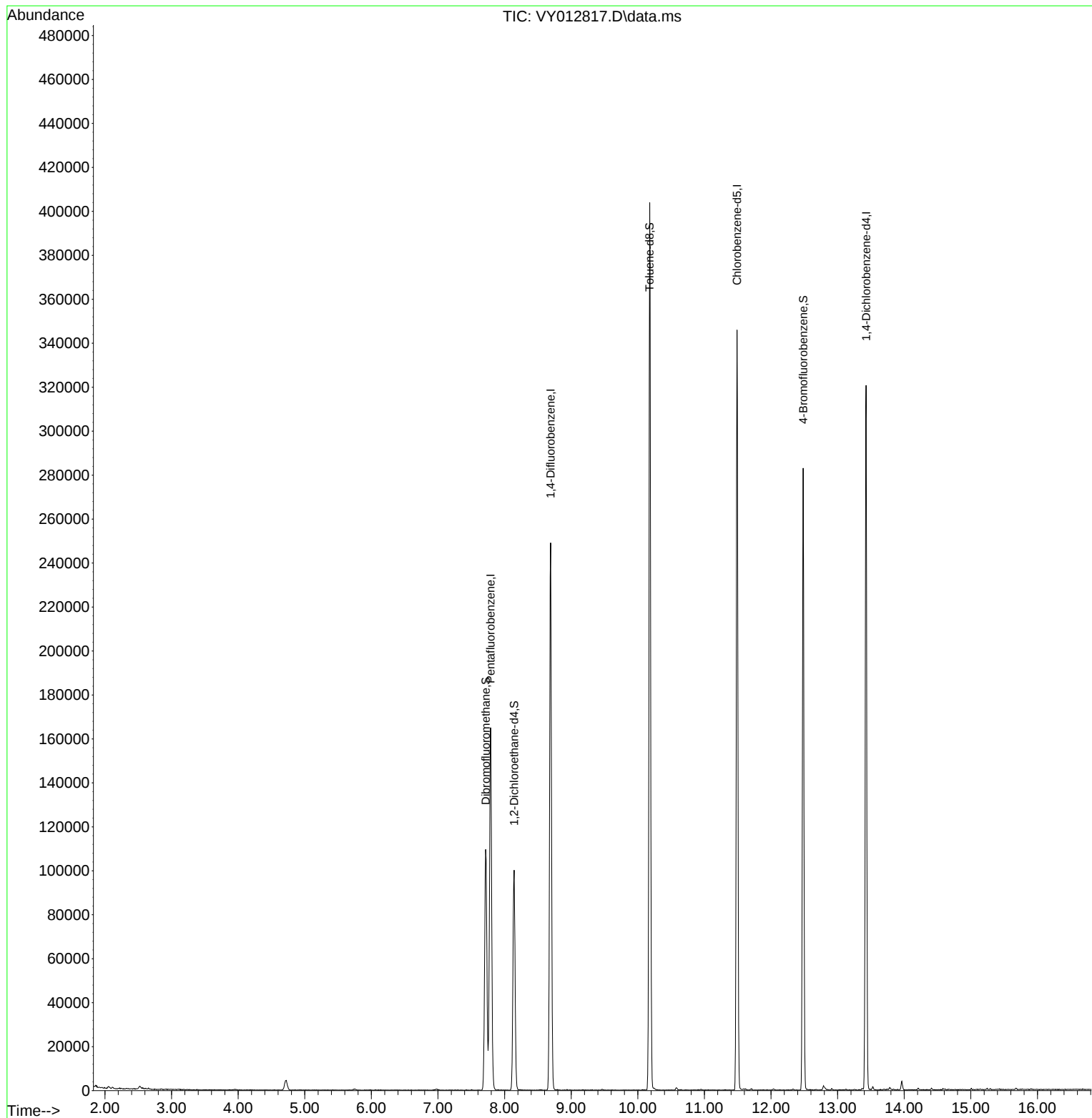
Target Compounds	Qvalue

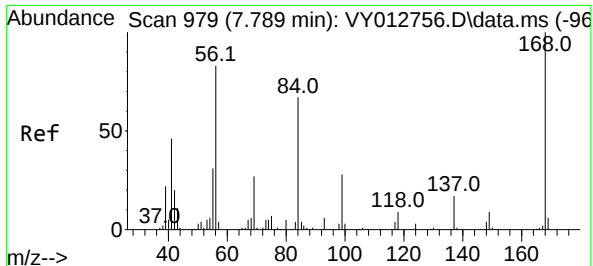
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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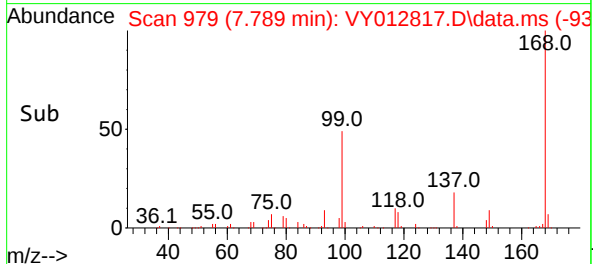
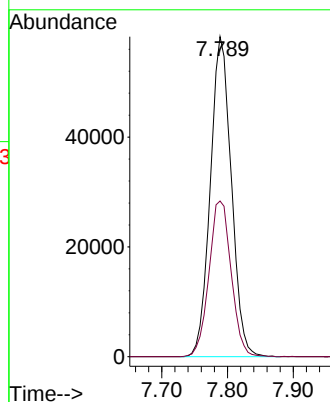
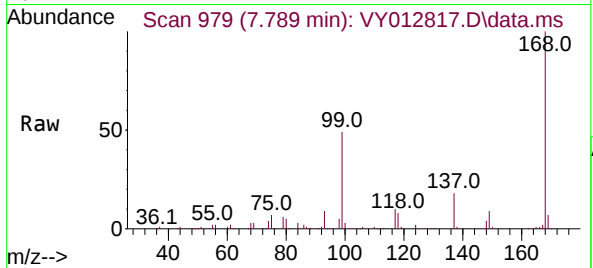




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012817.D
Acq: 06 Mar 2023 12:49

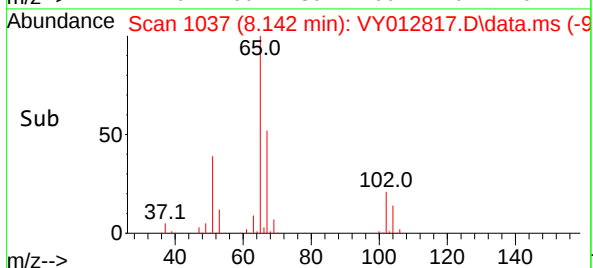
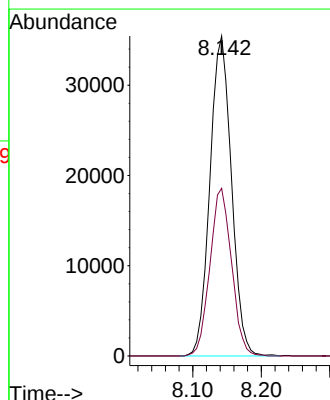
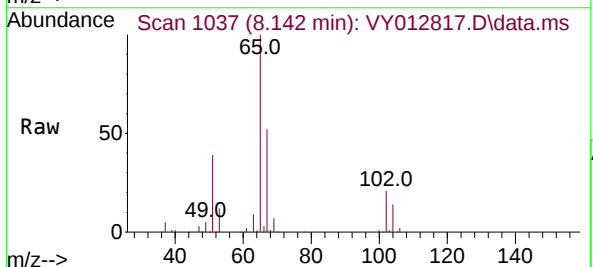
Instrument :
MSVOA_Y
ClientSampleId :
CF-5

Tgt Ion:168 Resp: 129681
Ion Ratio Lower Upper
168 100
99 48.7 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 60.123 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012817.D
Acq: 06 Mar 2023 12:49

Tgt Ion: 65 Resp: 77412
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012817.D

Acq: 06 Mar 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

CF-5

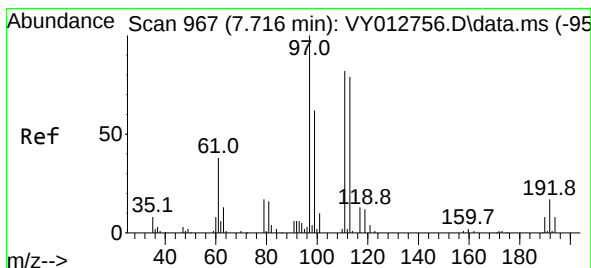
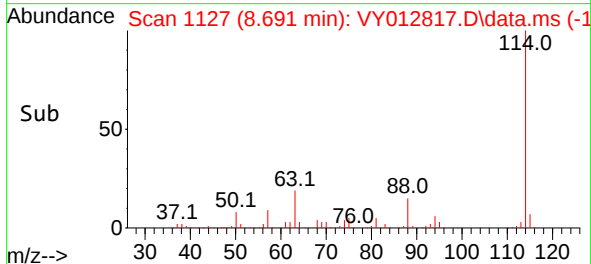
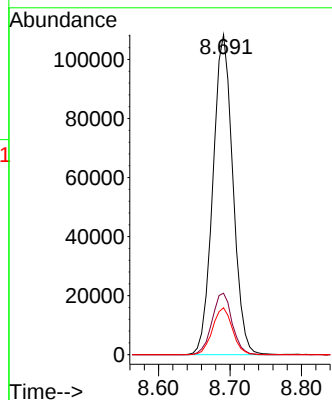
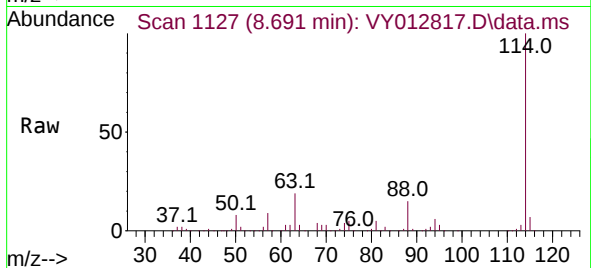
Tgt Ion:114 Resp: 210185

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.4

88 14.7 0.0 28.6



#35

Dibromofluoromethane

Concen: 60.715 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012817.D

Acq: 06 Mar 2023 12:49

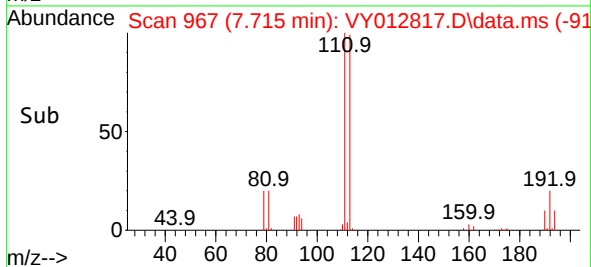
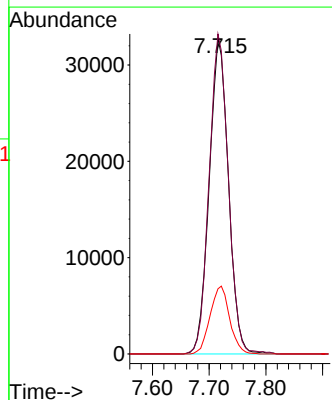
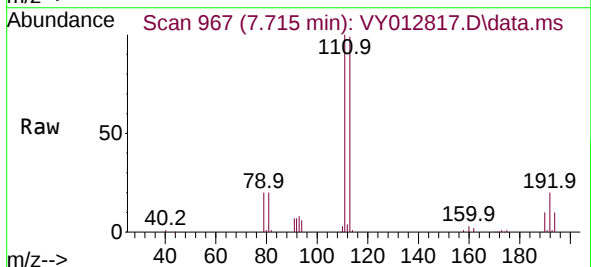
Tgt Ion:113 Resp: 77015

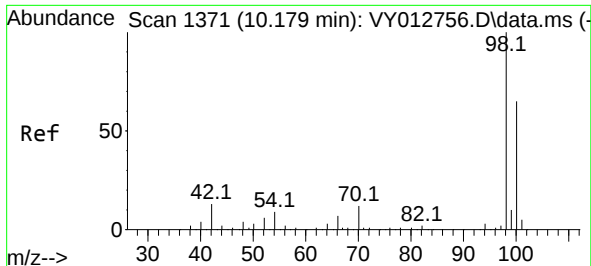
Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.2

192 21.9 16.8 25.2

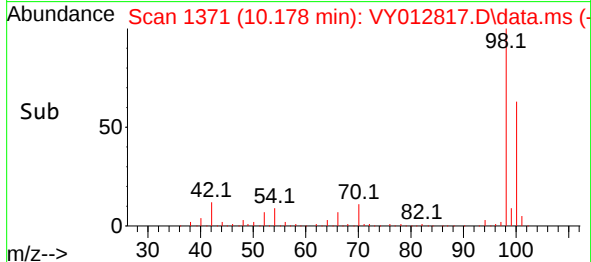
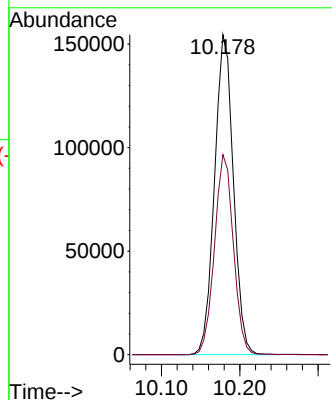
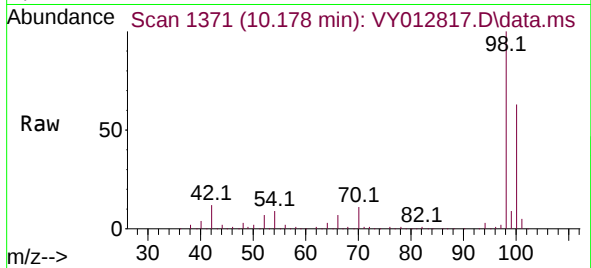




#50
Toluene-d8
Concen: 55.703 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012817.D
Acq: 06 Mar 2023 12:49

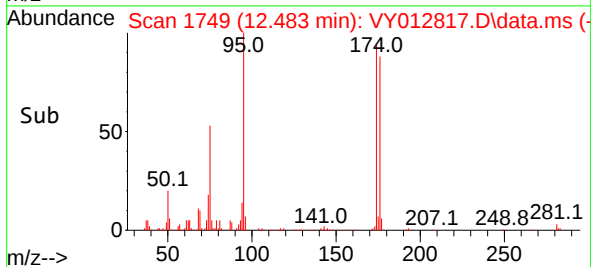
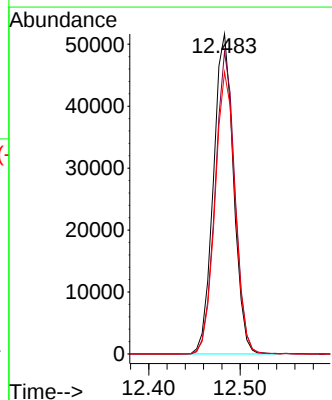
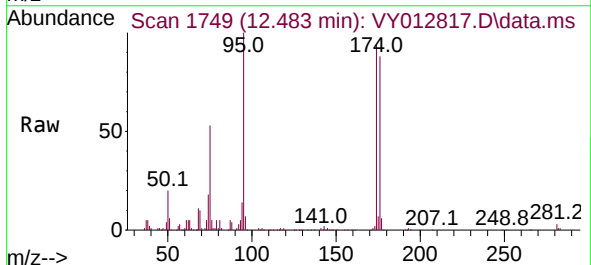
Instrument :
MSVOA_Y
ClientSampleId :
CF-5

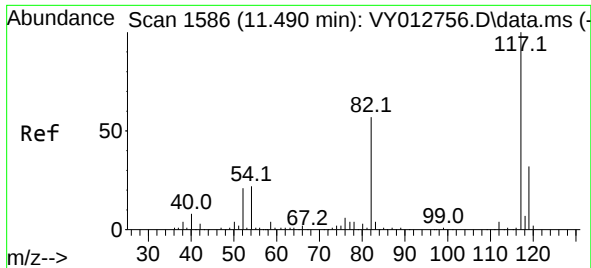
Tgt Ion: 98 Resp: 258310
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 50.370 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012817.D
Acq: 06 Mar 2023 12:49

Tgt Ion: 95 Resp: 78838
Ion Ratio Lower Upper
95 100
174 93.3 0.0 176.6
176 88.4 0.0 170.2

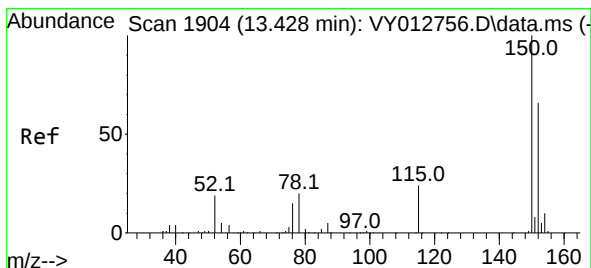
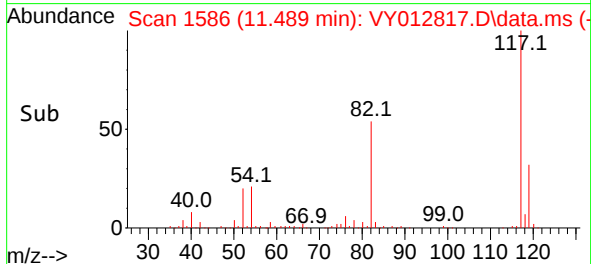
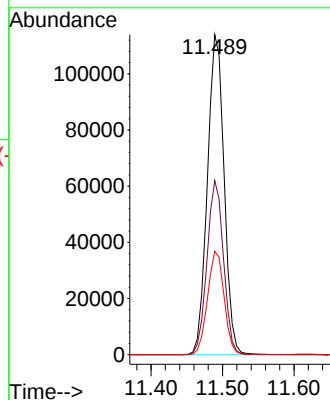
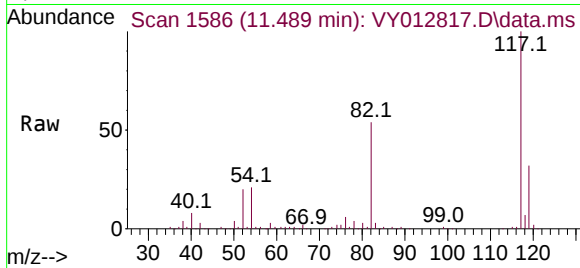




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012817.D
Acq: 06 Mar 2023 12:49

Instrument :
MSVOA_Y
ClientSampleId :
CF-5

Tgt Ion:117 Resp: 184983
Ion Ratio Lower Upper
117 100
82 54.4 45.4 68.0
119 32.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012817.D
Acq: 06 Mar 2023 12:49

Tgt Ion:152 Resp: 82328
Ion Ratio Lower Upper
152 100
115 55.0 27.1 81.3
150 156.8 0.0 347.8

