

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
 Data File : VY008117.D
 Acq On : 30 Mar 2022 18:02
 Operator : SY/MD
 Sample : N2157-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MHD

Quant Time: Mar 31 04:34:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	3266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	6623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	6324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	2675	81.635	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 163.280%#	
35) Dibromofluoromethane	7.722	113	2098	50.525	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.040%	
50) Toluene-d8	10.185	98	7797	49.839	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.680%	
62) 4-Bromofluorobenzene	12.483	95	2697	48.864	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.720%	

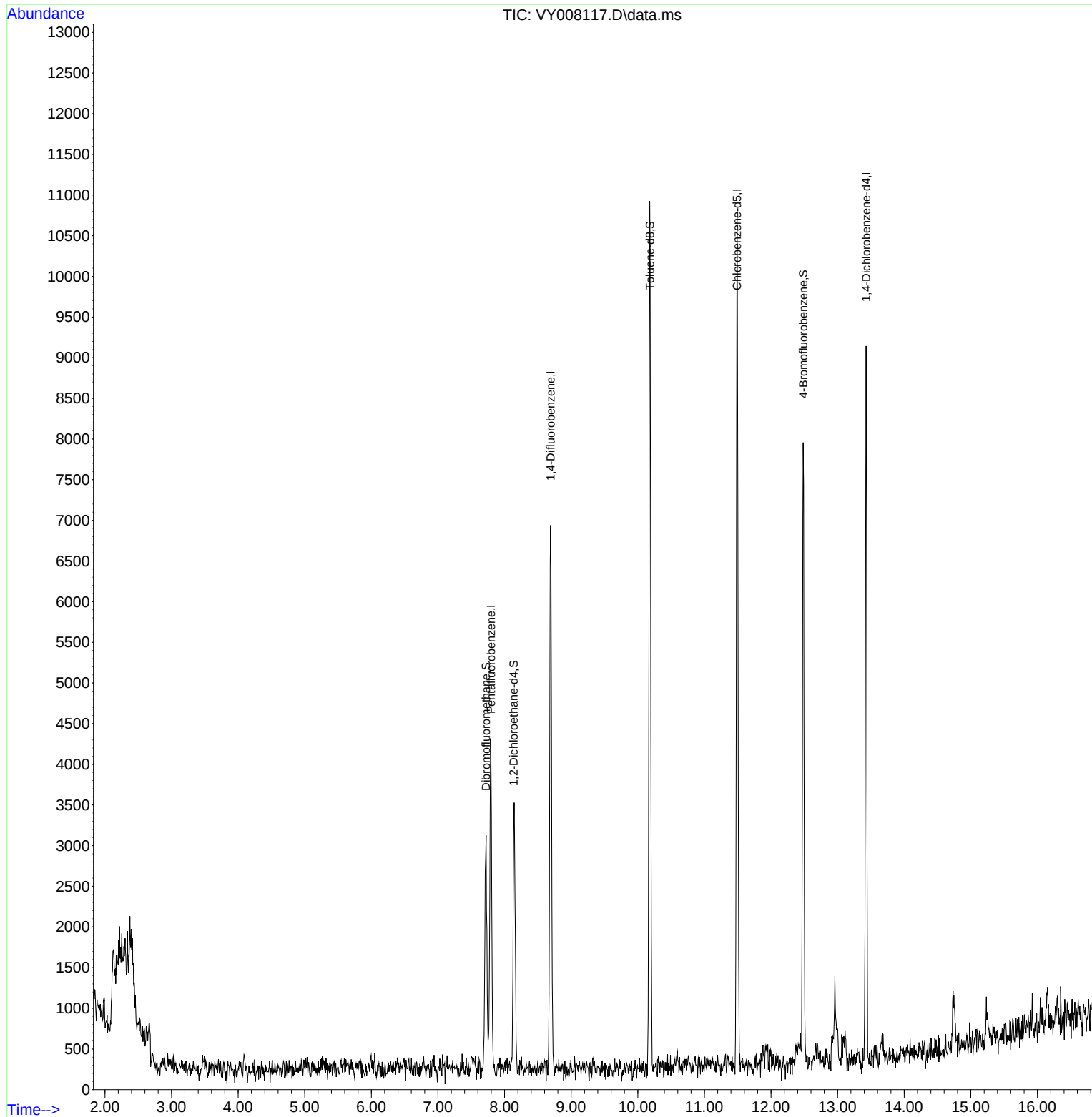
Target Compounds	Qvalue

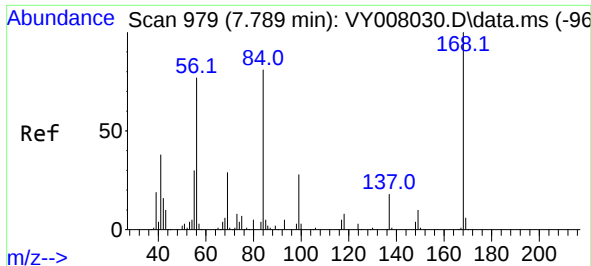
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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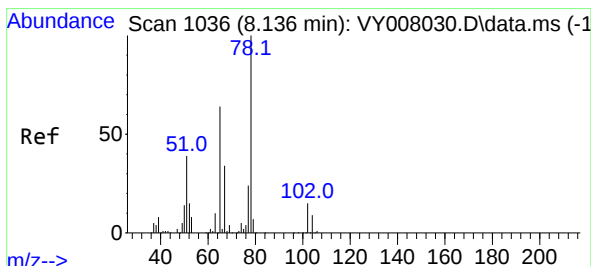
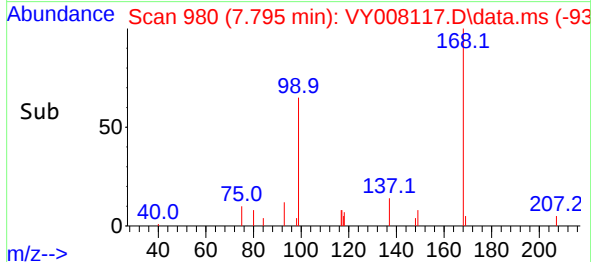
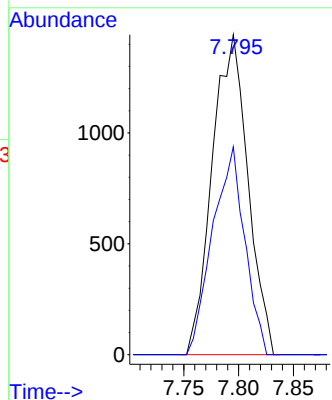
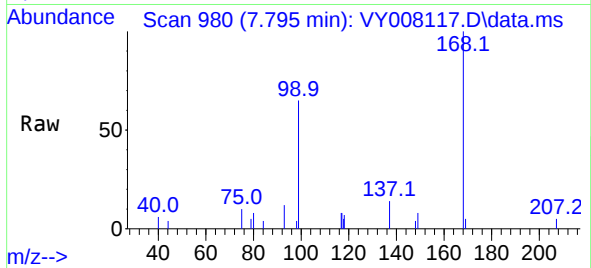




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008117.D
Acq: 30 Mar 2022 18:02

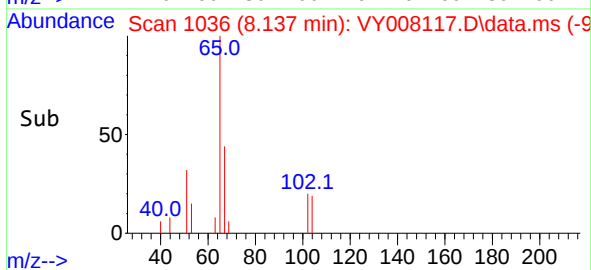
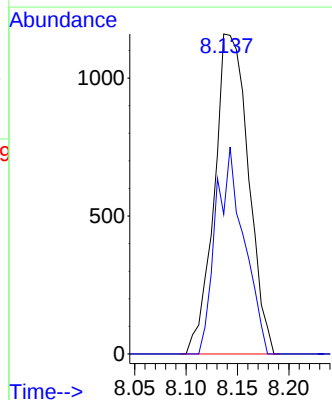
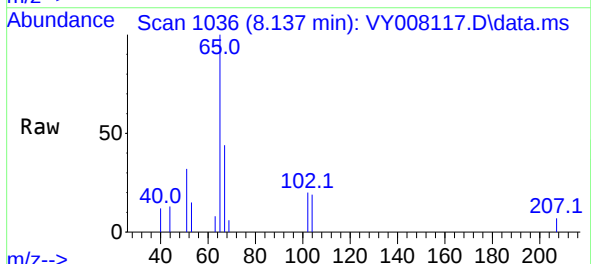
Instrument :
MSVOA_Y
ClientSampleId :
MHD

Tgt Ion:168 Resp: 3266
Ion Ratio Lower Upper
168 100
99 64.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 81.635 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY008117.D
Acq: 30 Mar 2022 18:02

Tgt Ion: 65 Resp: 2675
Ion Ratio Lower Upper
65 100
67 53.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008117.D

Acq: 30 Mar 2022 18:02

Instrument :

MSVOA_Y

ClientSampleId :

MHD

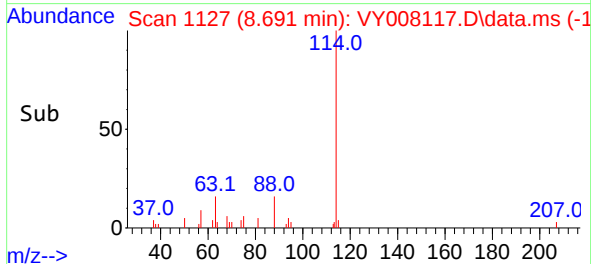
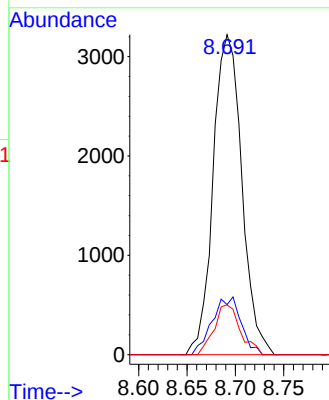
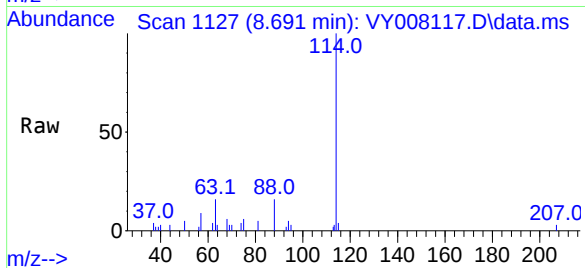
Tgt Ion:114 Resp: 6623

Ion Ratio Lower Upper

114 100

63 15.6 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.525 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008117.D

Acq: 30 Mar 2022 18:02

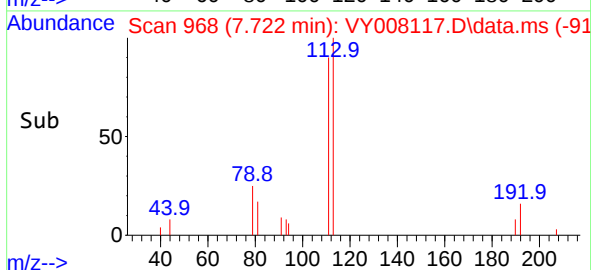
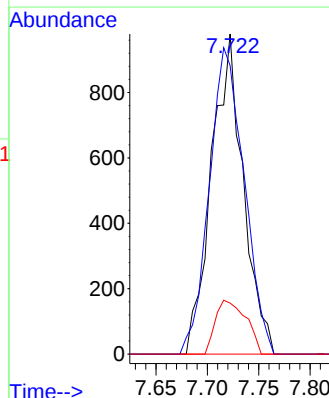
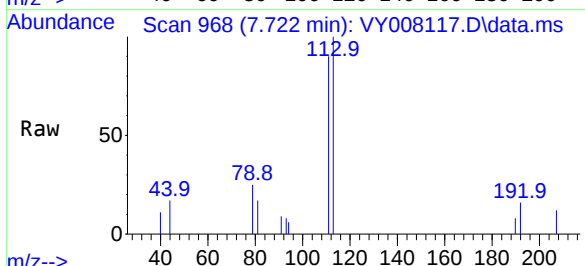
Tgt Ion:113 Resp: 2098

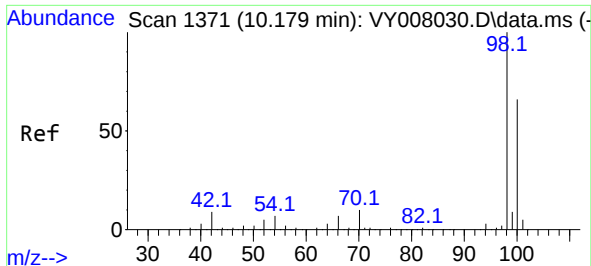
Ion Ratio Lower Upper

113 100

111 105.4 82.6 124.0

192 16.2 17.6 26.4#

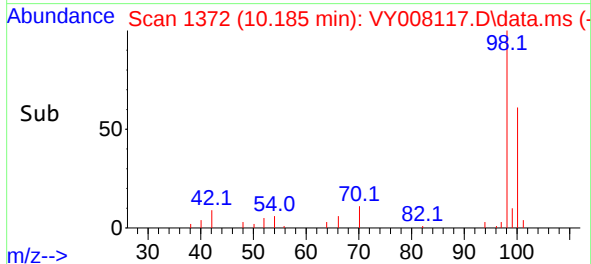
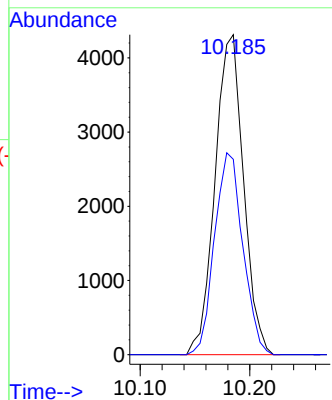
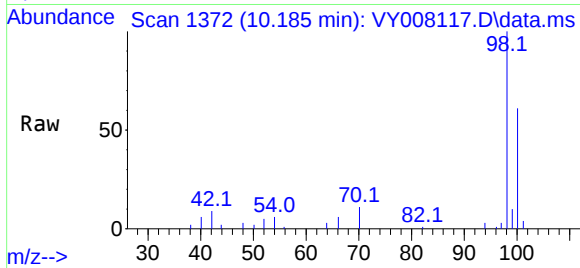




#50
Toluene-d8
Concen: 49.839 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008117.D
Acq: 30 Mar 2022 18:02

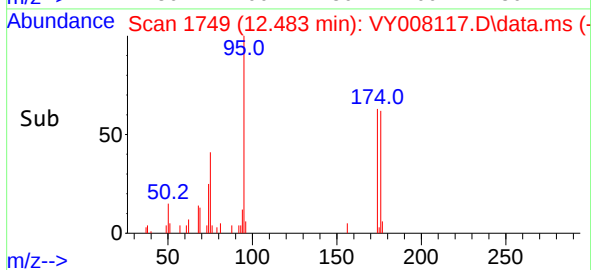
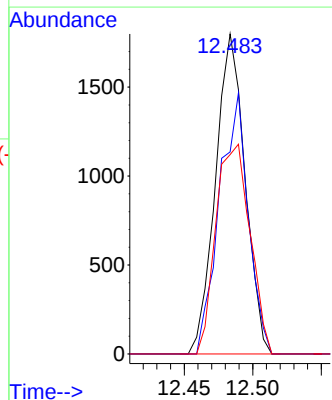
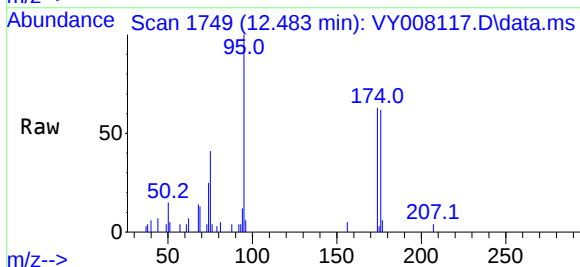
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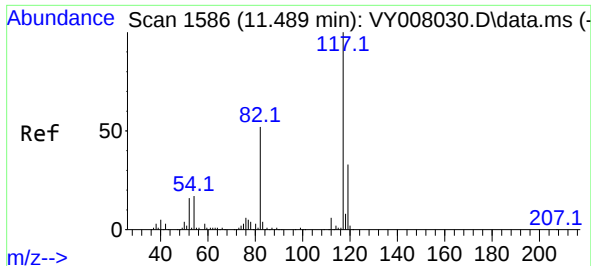
Tgt Ion: 98 Resp: 7797
Ion Ratio Lower Upper
98 100
100 62.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.864 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008117.D
Acq: 30 Mar 2022 18:02

Tgt Ion: 95 Resp: 2697
Ion Ratio Lower Upper
95 100
174 79.6 0.0 177.0
176 75.7 0.0 175.8

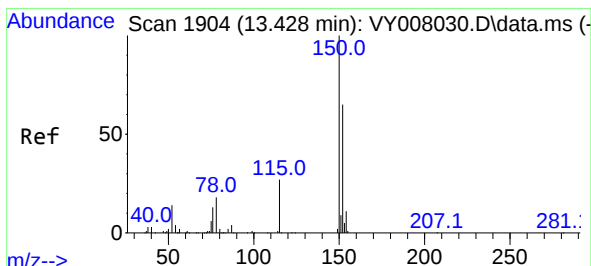
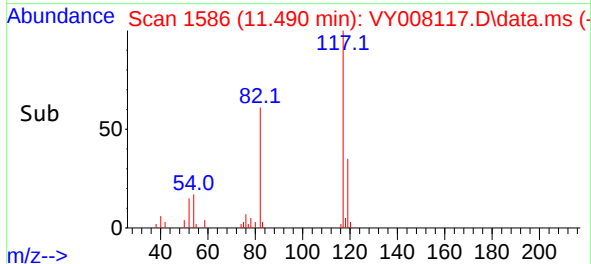
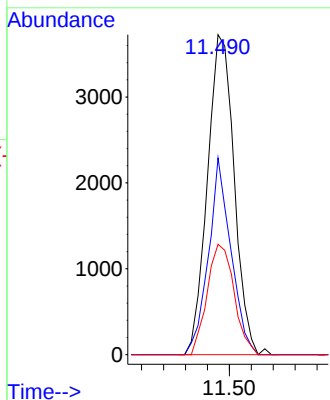
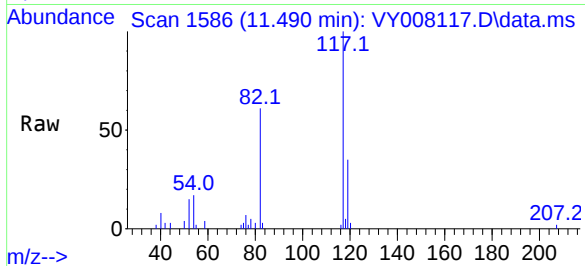




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008117.D
Acq: 30 Mar 2022 18:02

Instrument :
MSVOA_Y
ClientSampleId :
MHD

Tgt Ion:	117	Resp:	6324
Ion	Ratio	Lower	Upper
117	100		
82	61.5	43.0	64.4
119	34.5	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: VY008117.D
Acq: 30 Mar 2022 18:02

Tgt Ion:	152	Resp:	2288
Ion	Ratio	Lower	Upper
152	100		
115	61.5	28.2	84.7
150	154.6	0.0	347.6

