

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
 Data File : VY008168.D
 Acq On : 01 Apr 2022 18:01
 Operator : SY/MD
 Sample : N2220-11
 Misc : 5.54g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A04100

Quant Time: Apr 02 03:58:55 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	7.789	168	117221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	209389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	202433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89507	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	68927	58.608	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.220%
35) Dibromofluoromethane	7.716	113	66501	50.655	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.320%
50) Toluene-d8	10.179	98	255228	51.603	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.200%
62) 4-Bromofluorobenzene	12.483	95	93452	53.555	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.100%

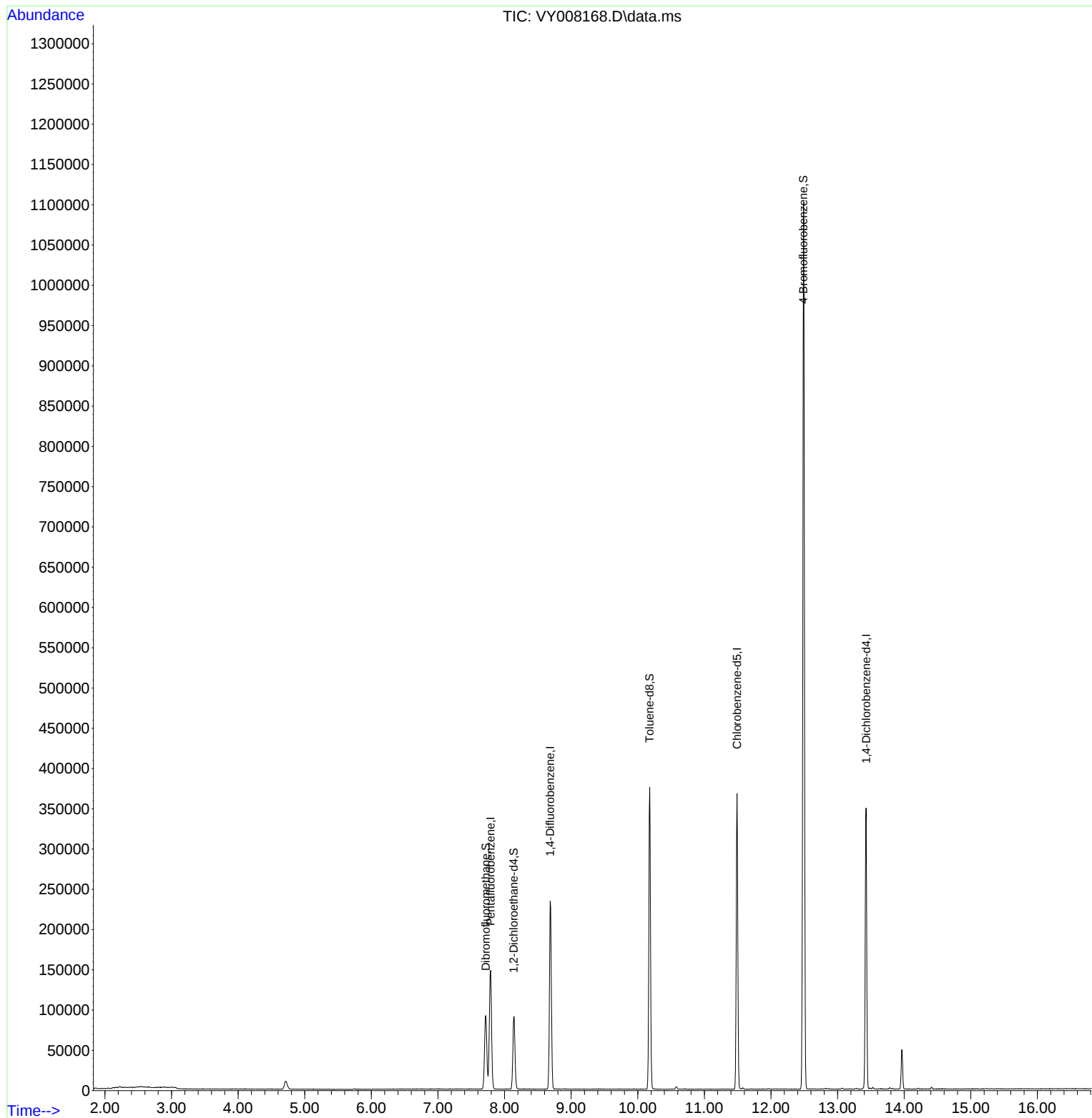
Target Compounds	Qvalue

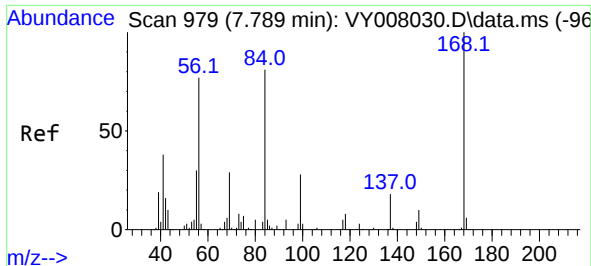
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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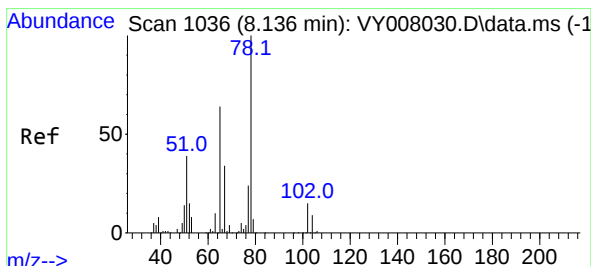
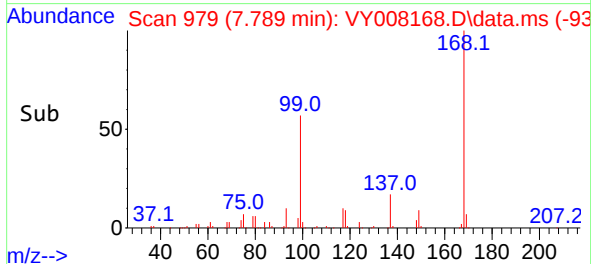
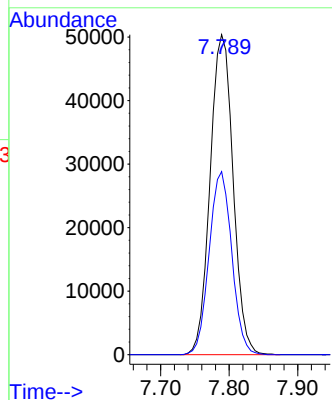
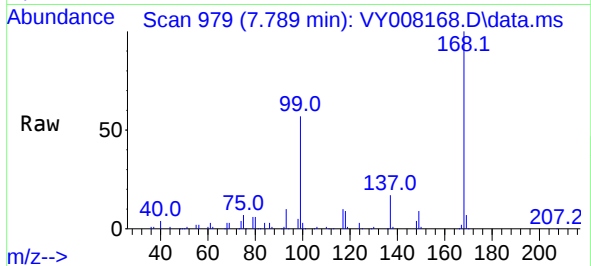




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008168.D
Acq: 01 Apr 2022 18:01

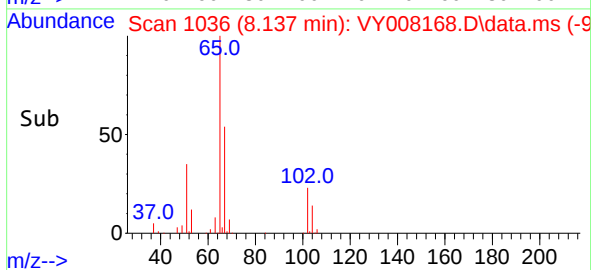
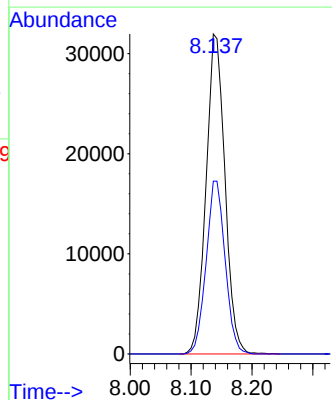
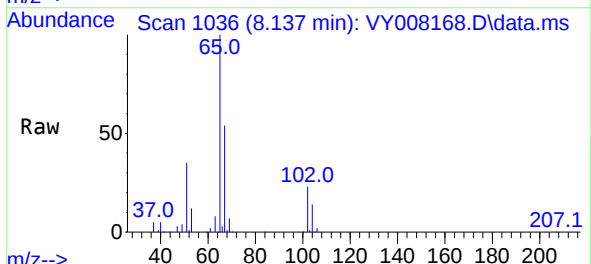
Instrument :
MSVOA_Y
ClientSampleId :
A04100

Tgt Ion:168 Resp: 117221
Ion Ratio Lower Upper
168 100
99 57.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 58.608 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY008168.D
Acq: 01 Apr 2022 18:01

Tgt Ion: 65 Resp: 68927
Ion Ratio Lower Upper
65 100
67 54.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY008168.D

Acq: 01 Apr 2022 18:01

Instrument :

MSVOA_Y

ClientSampleId :

A04100

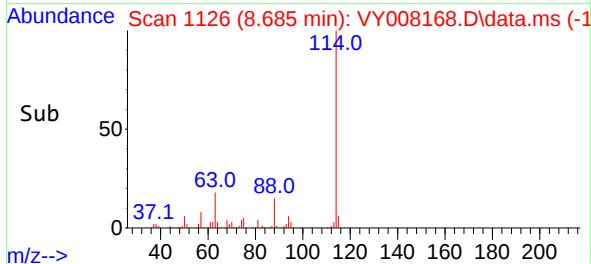
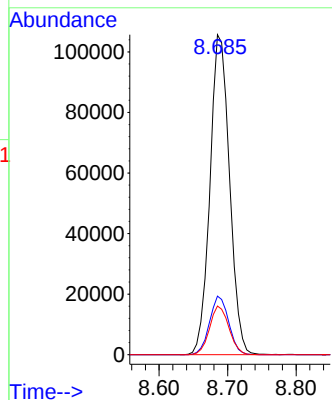
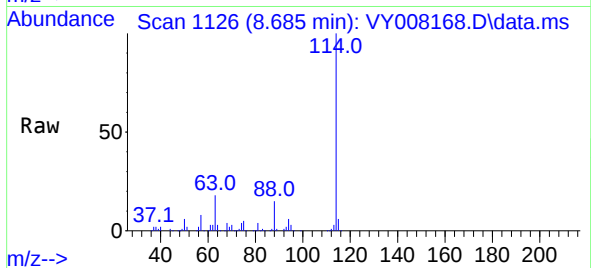
Tgt Ion:114 Resp: 209389

Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.655 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008168.D

Acq: 01 Apr 2022 18:01

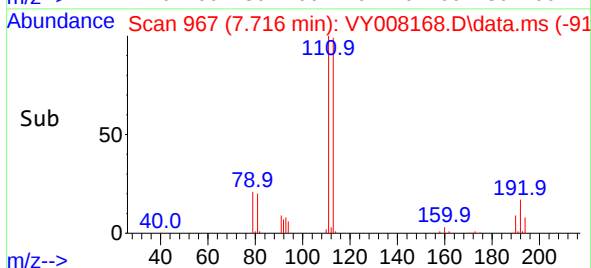
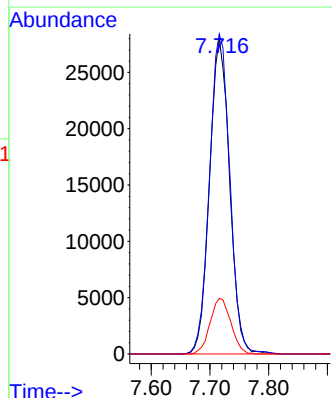
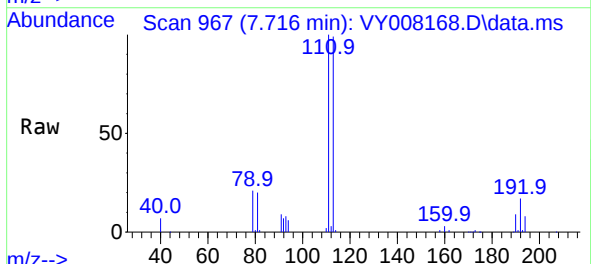
Tgt Ion:113 Resp: 66501

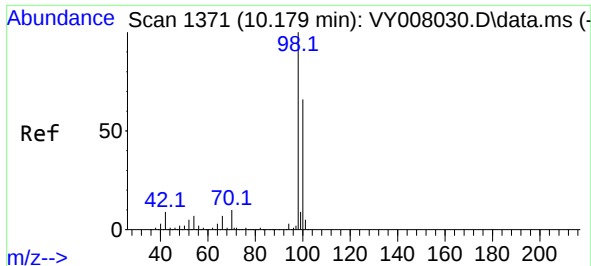
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 18.2 17.6 26.4

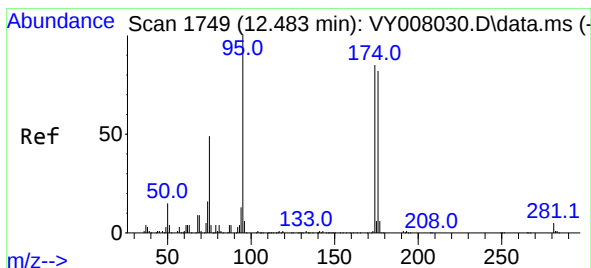
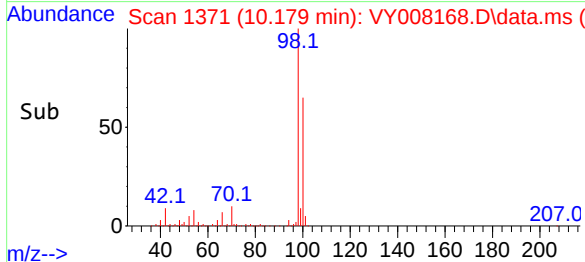
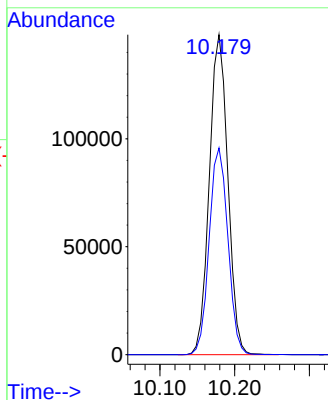
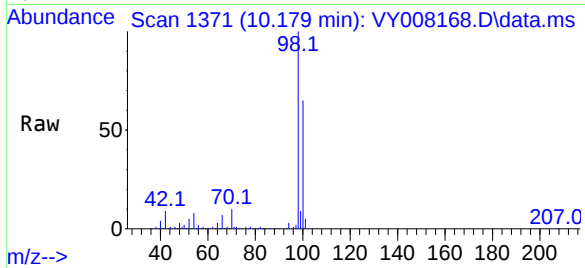




#50
Toluene-d8
Concen: 51.603 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008168.D
Acq: 01 Apr 2022 18:01

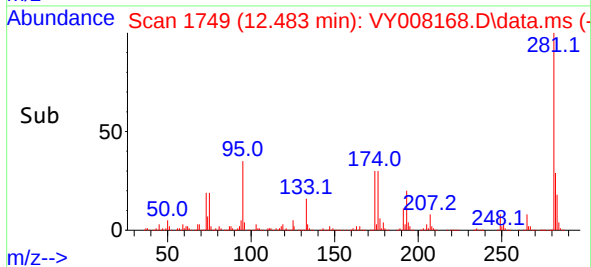
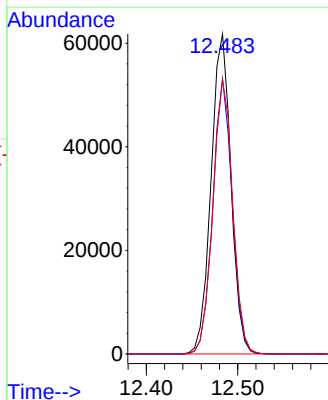
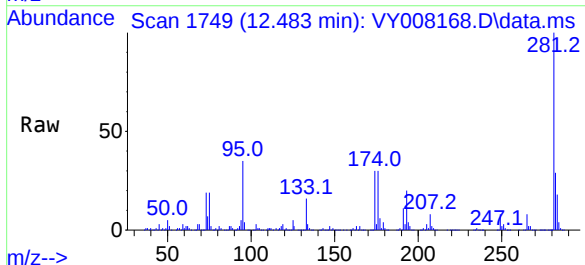
Instrument :
MSVOA_Y
ClientSampleId :
A04100

Tgt Ion: 98 Resp: 255228
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.555 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008168.D
Acq: 01 Apr 2022 18:01

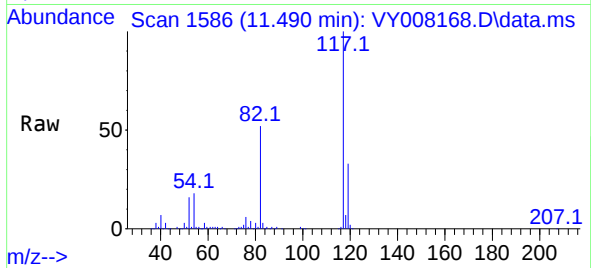
Tgt Ion: 95 Resp: 93452
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 85.3 0.0 175.8



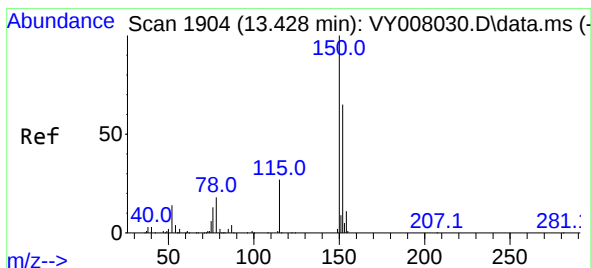
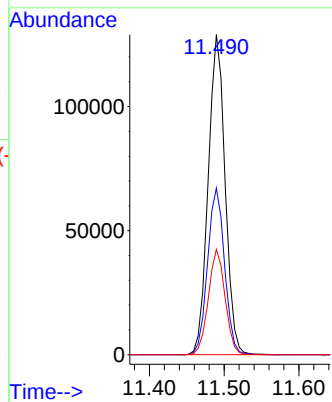
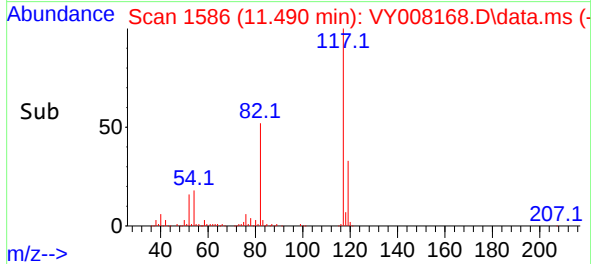


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008168.D
Acq: 01 Apr 2022 18:01

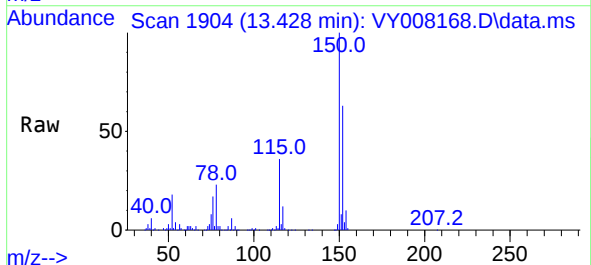
Instrument :
MSVOA_Y
ClientSampleId :
A04100



Tgt Ion:117 Resp: 202433
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 32.9 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: VY008168.D
Acq: 01 Apr 2022 18:01



Tgt Ion:152 Resp: 89507
Ion Ratio Lower Upper
152 100
115 59.0 28.2 84.7
150 159.0 0.0 347.6

