

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
 Data File : VY009327.D
 Acq On : 25 Jun 2022 16:31
 Operator : KP/MD
 Sample : N3488-07
 Misc : 4.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11-9.5-11.5-20220623

Quant Time: Jun 27 10:30:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 07:08:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	165139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	284670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	268582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	121368	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	96787	80.638	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	161.280%
35) Dibromofluoromethane	7.710	113	87736	57.100	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.200%
50) Toluene-d8	10.173	98	342177	80.339	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	160.680%#
62) 4-Bromofluorobenzene	12.477	95	113992	52.090	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.180%

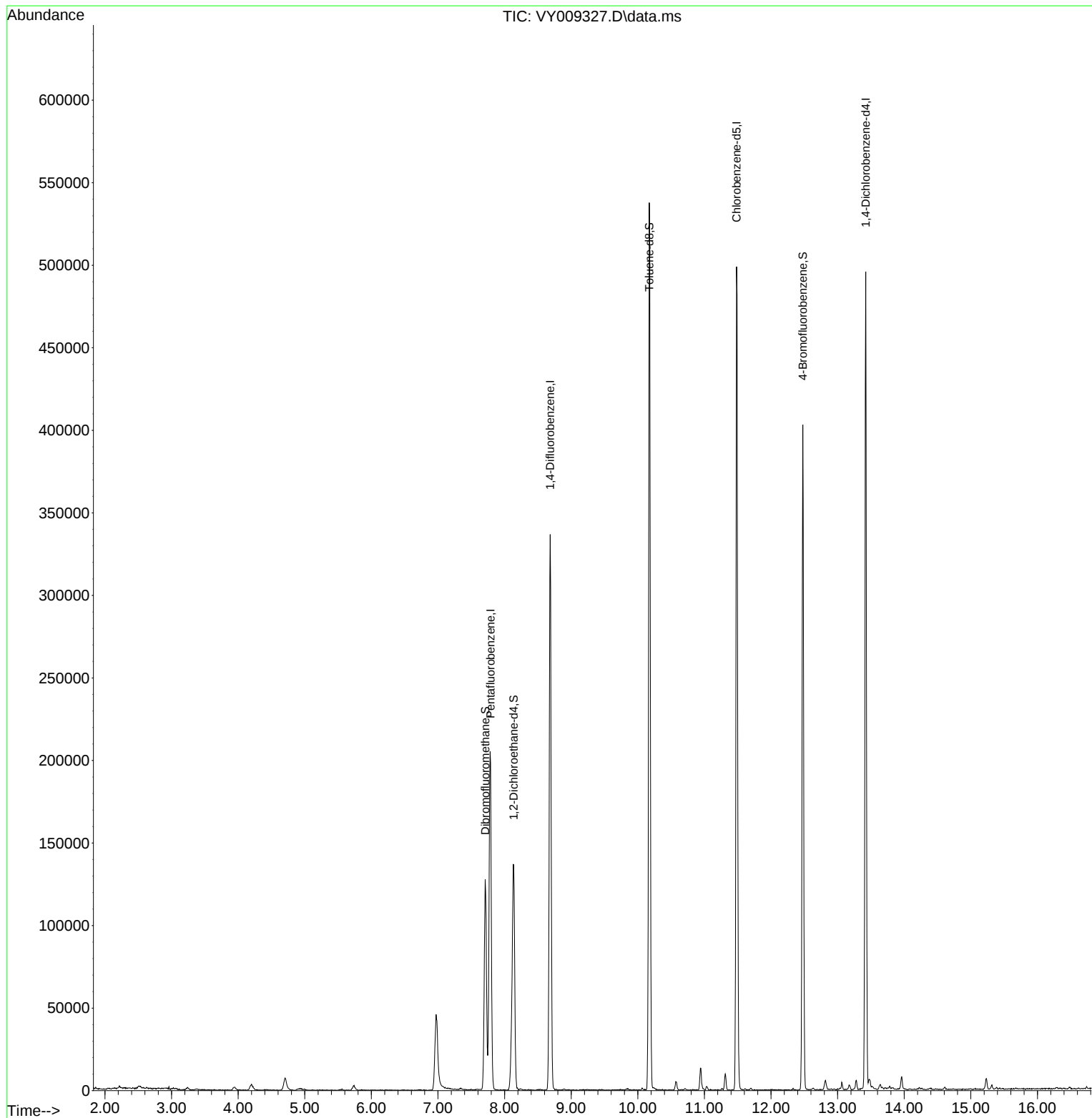
Target Compounds	Qvalue

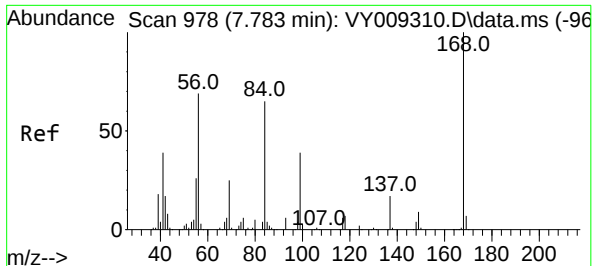
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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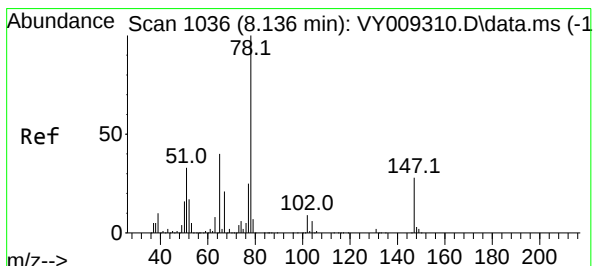
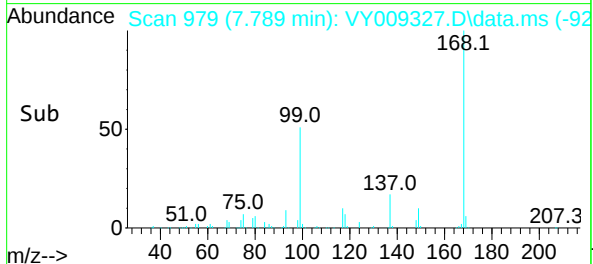
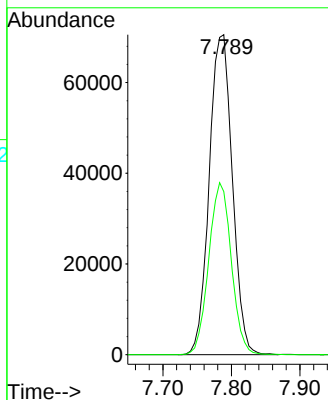
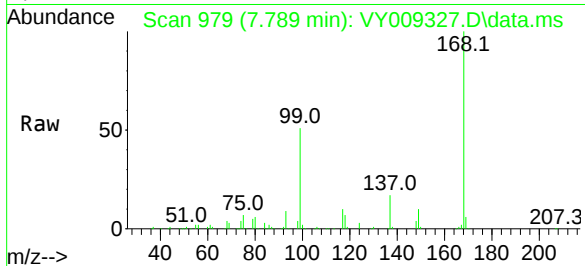




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009327.D
Acq: 25 Jun 2022 16:31

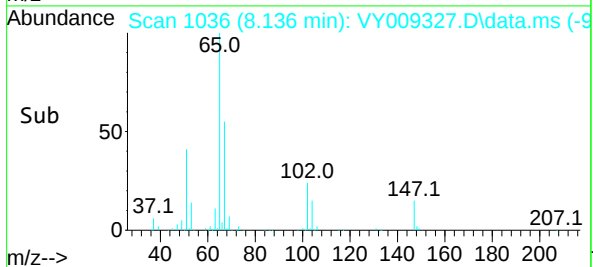
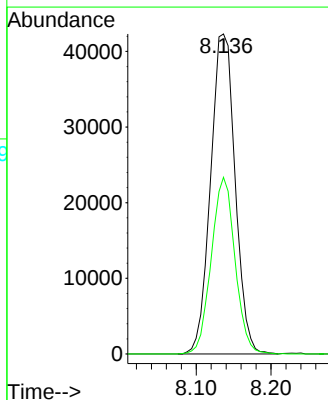
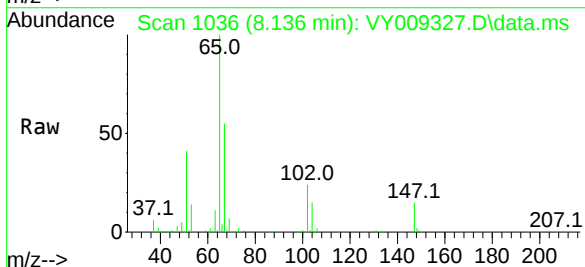
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-9.5-11.5-20220623

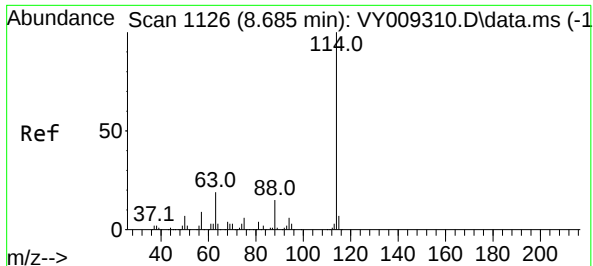
Tgt Ion:168 Resp: 165139
Ion Ratio Lower Upper
168 100
99 50.9 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 80.638 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009327.D
Acq: 25 Jun 2022 16:31

Tgt Ion: 65 Resp: 96787
Ion Ratio Lower Upper
65 100
67 53.2 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009327.D

Acq: 25 Jun 2022 16:31

Instrument :

MSVOA_Y

ClientSampleId :

SB-11-9.5-11.5-20220623

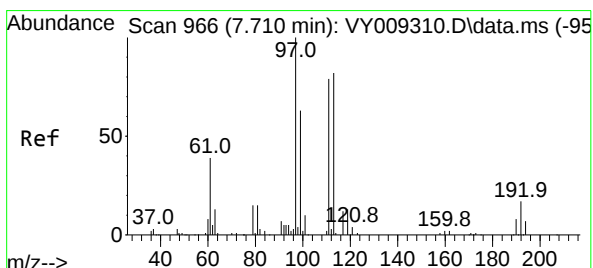
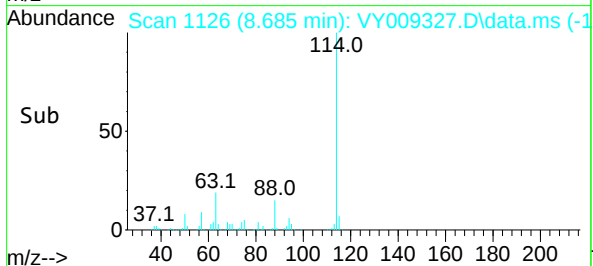
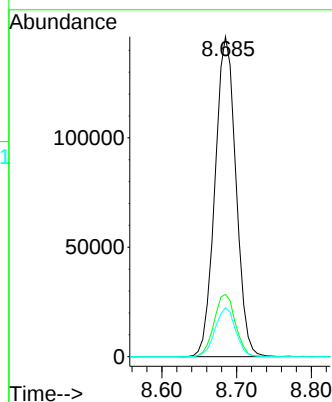
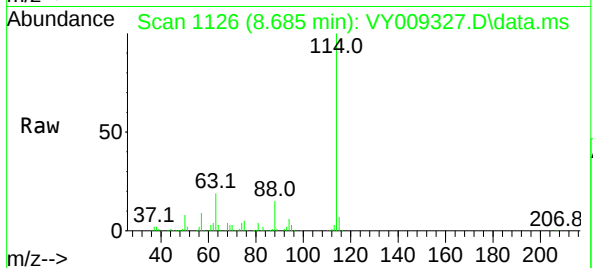
Tgt Ion:114 Resp: 284670

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.0

88 15.3 0.0 30.0



#35

Dibromofluoromethane

Concen: 57.100 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY009327.D

Acq: 25 Jun 2022 16:31

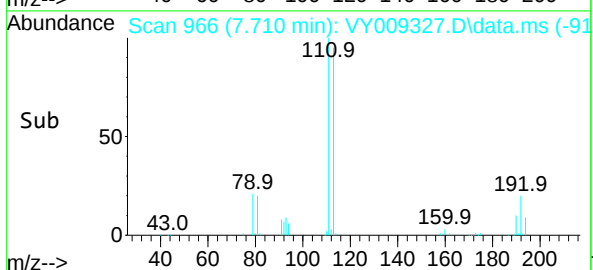
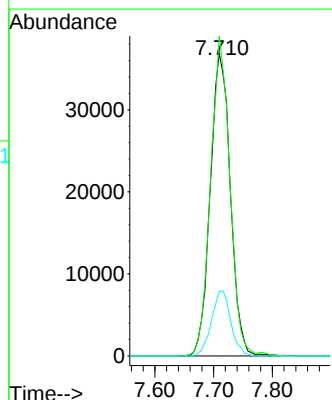
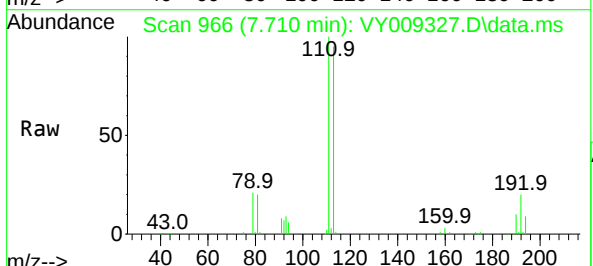
Tgt Ion:113 Resp: 87736

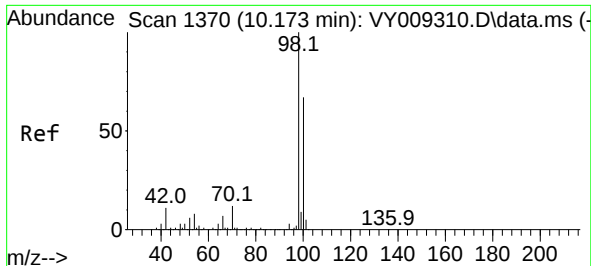
Ion Ratio Lower Upper

113 100

111 101.8 80.6 120.8

192 20.7 16.2 24.4

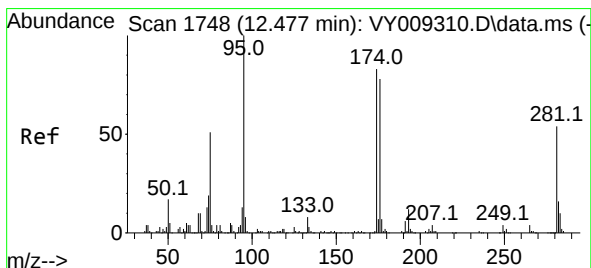
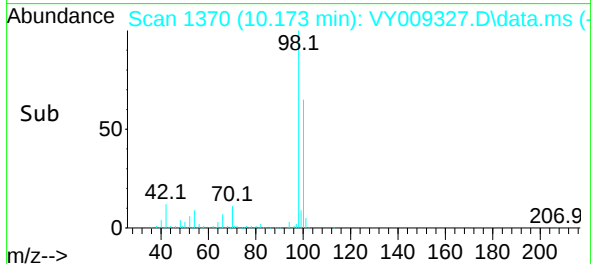
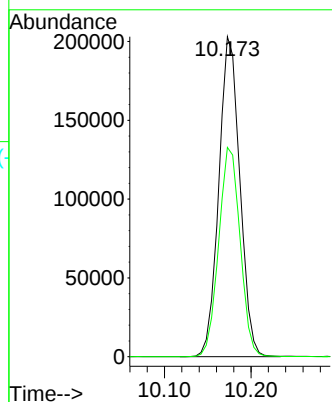
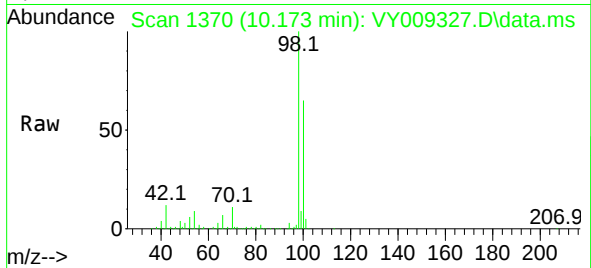




#50
Toluene-d8
Concen: 80.339 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009327.D
Acq: 25 Jun 2022 16:31

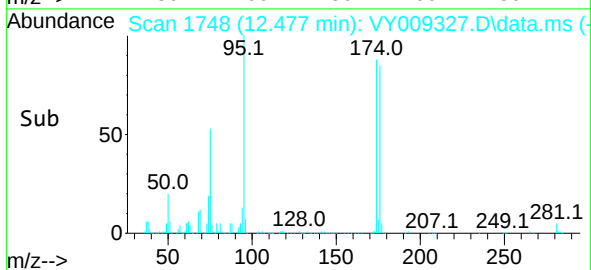
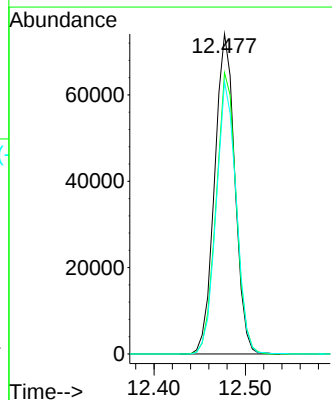
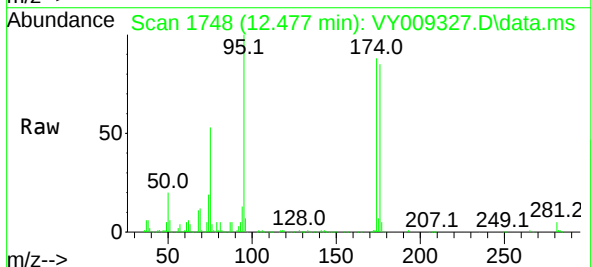
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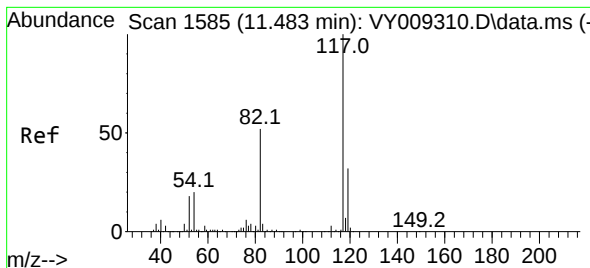
Tgt Ion: 98 Resp: 342177
Ion Ratio Lower Upper
98 100
100 66.7 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 52.090 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009327.D
Acq: 25 Jun 2022 16:31

Tgt Ion: 95 Resp: 113992
Ion Ratio Lower Upper
95 100
174 87.2 0.0 173.8
176 84.5 0.0 167.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009327.D

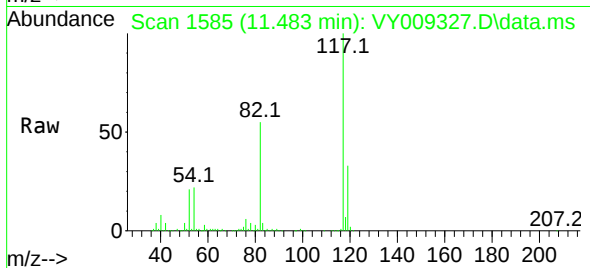
Acq: 25 Jun 2022 16:31

Instrument :

MSVOA_Y

ClientSampleId :

SB-11-9.5-11.5-20220623



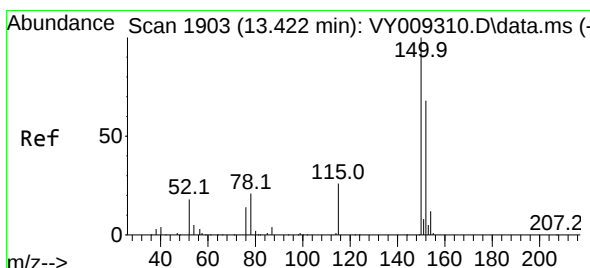
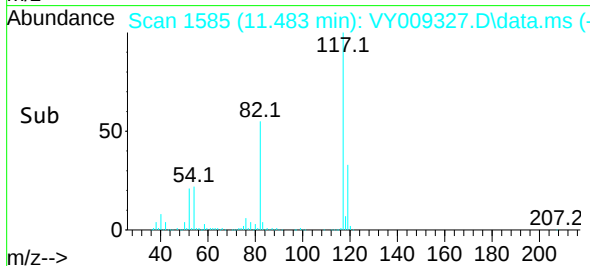
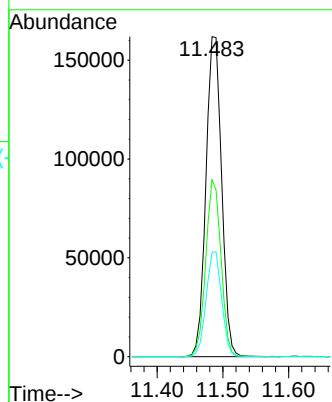
Tgt Ion:117 Resp: 268582

Ion Ratio Lower Upper

117 100

82 55.3 41.8 62.6

119 32.5 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009327.D

Acq: 25 Jun 2022 16:31

Tgt Ion:152 Resp: 121368

Ion Ratio Lower Upper

152 100

115 57.8 28.6 85.9

150 160.4 0.0 349.8

