

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063022\
 Data File : VY009394.D
 Acq On : 30 Jun 2022 15:36
 Operator : KP/MD
 Sample : N3488-14
 Misc : 4.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-13-15-17-20220623

Quant Time: Jul 01 03:47:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	150939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	257816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	242018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109202	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	65444	54.132	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.260%	
35) Dibromofluoromethane	7.709	113	60459	42.608	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 85.220%	
50) Toluene-d8	10.172	98	234559	53.915	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.840%	
62) 4-Bromofluorobenzene	12.477	95	73814	35.774	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 71.540%	

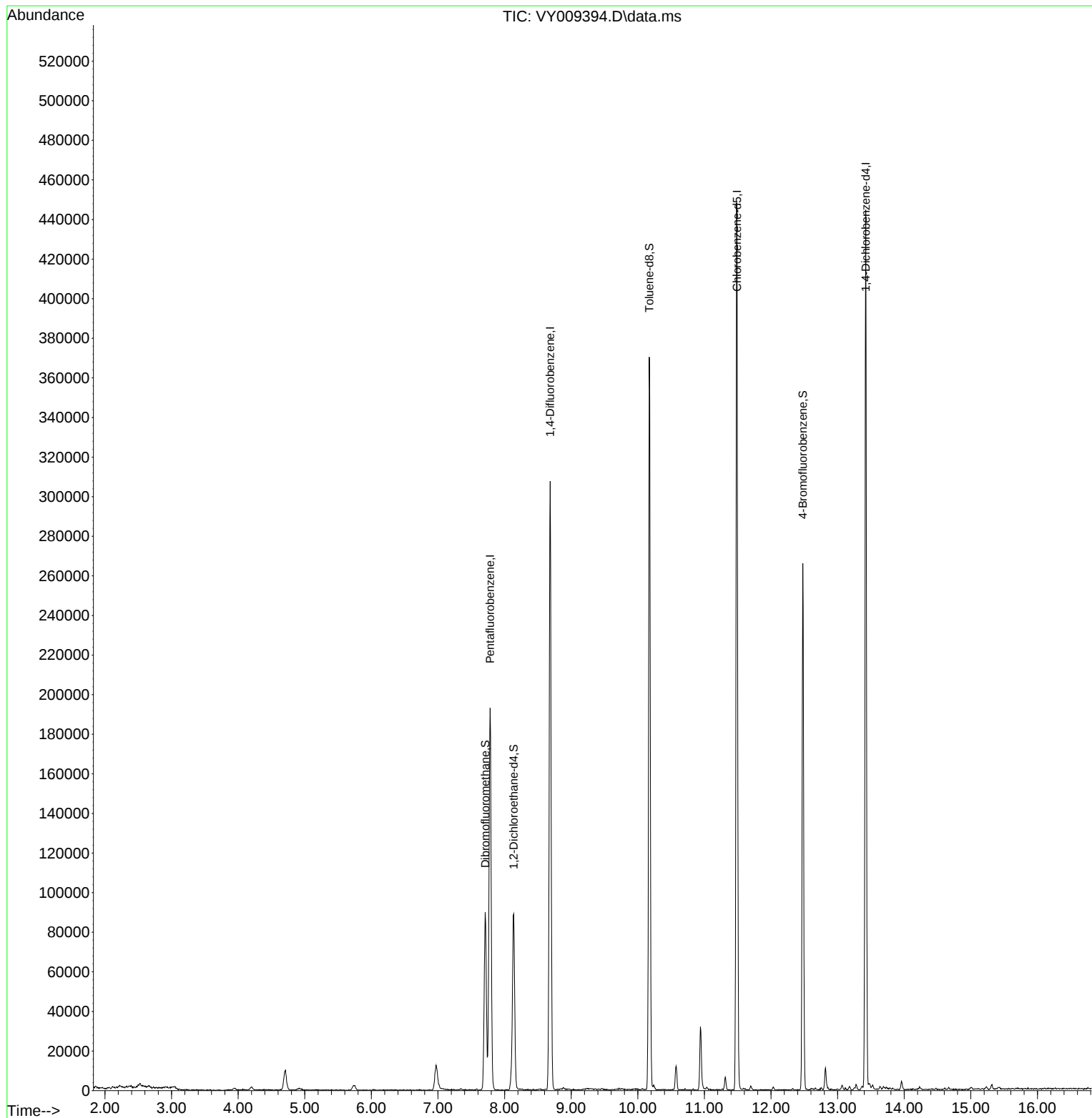
Target Compounds	Qvalue

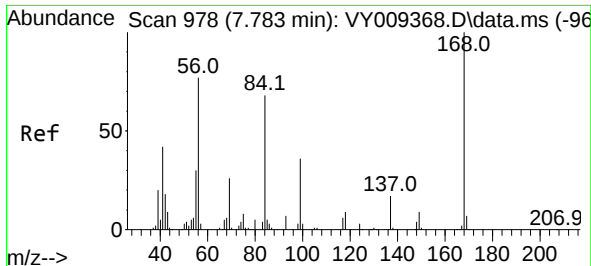
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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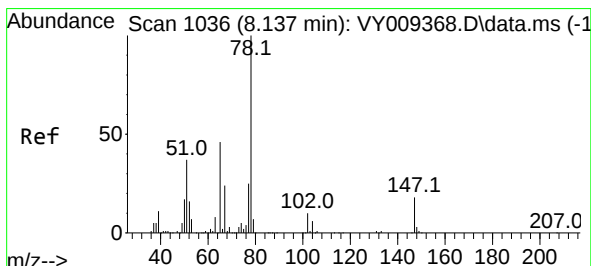
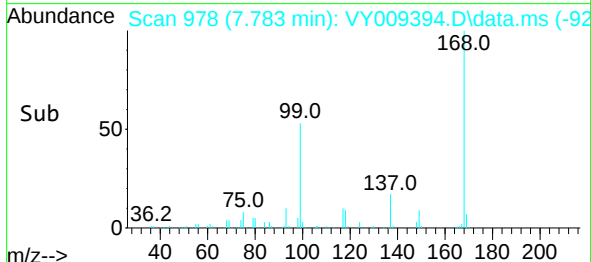
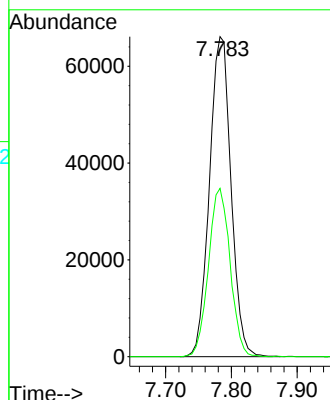
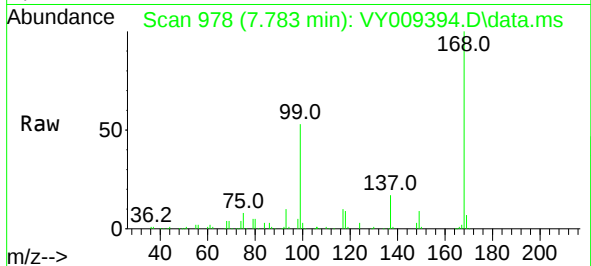




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009394.D
Acq: 30 Jun 2022 15:36

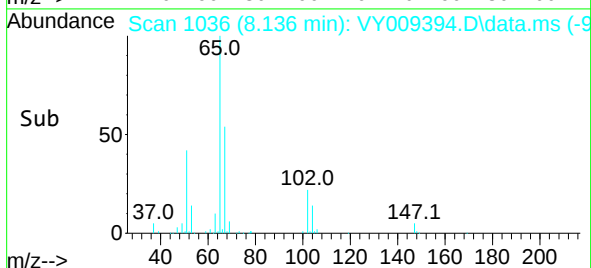
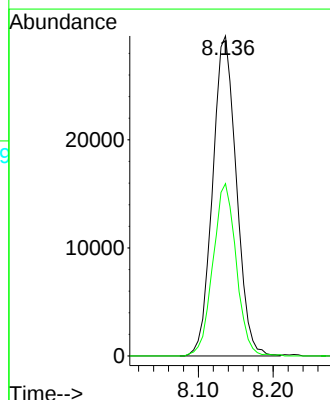
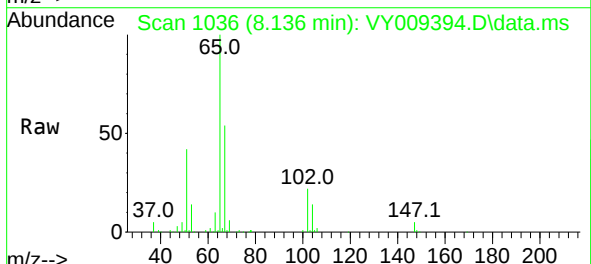
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-15-17-20220623

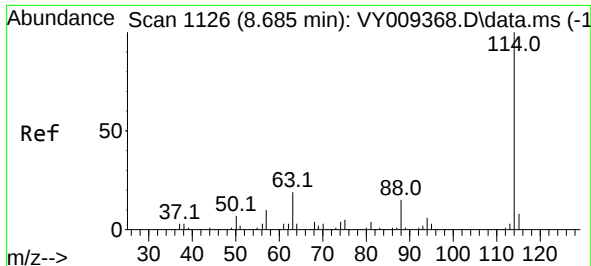
Tgt Ion:168 Resp: 150939
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.132 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009394.D
Acq: 30 Jun 2022 15:36

Tgt Ion: 65 Resp: 65444
Ion Ratio Lower Upper
65 100
67 52.9 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: VY009394.D

Acq: 30 Jun 2022 15:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-13-15-17-20220623

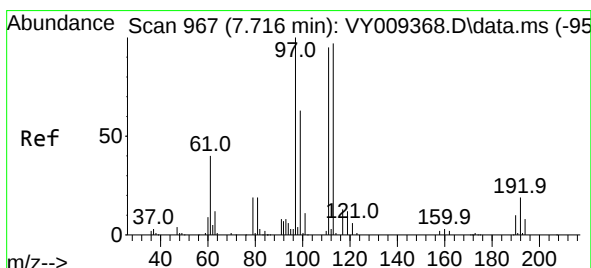
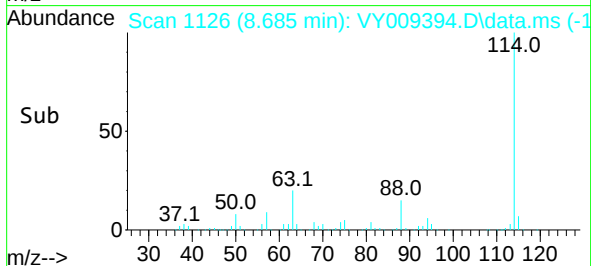
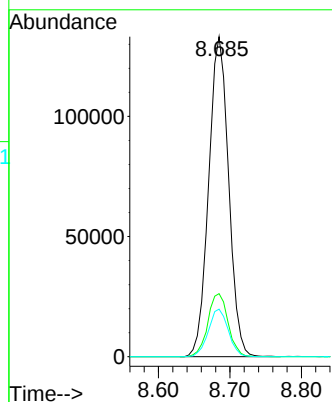
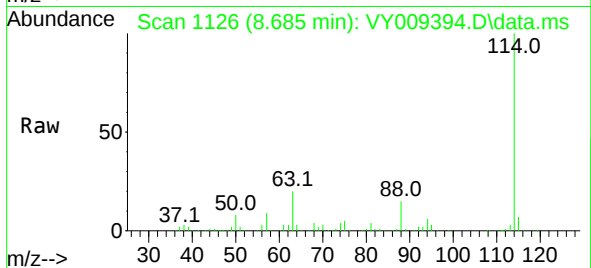
Tgt Ion:114 Resp: 257816

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.608 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.001 min

Lab File: VY009394.D

Acq: 30 Jun 2022 15:36

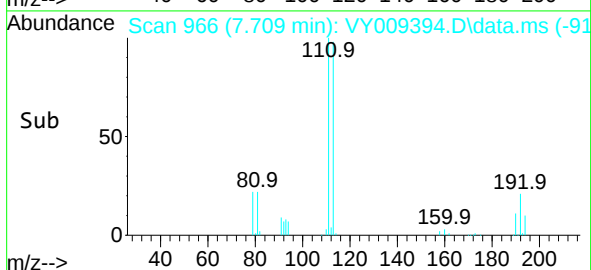
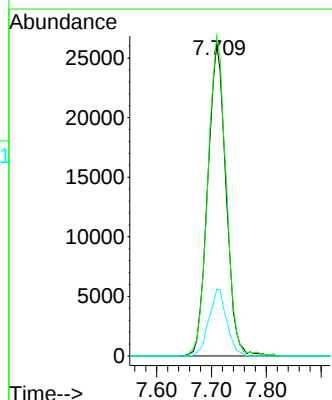
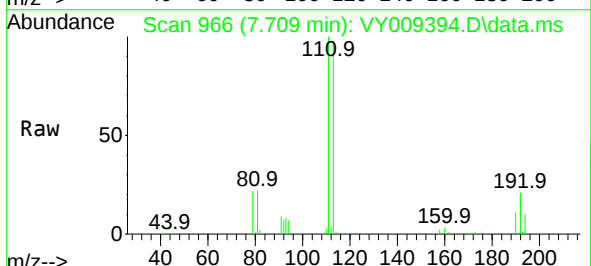
Tgt Ion:113 Resp: 60459

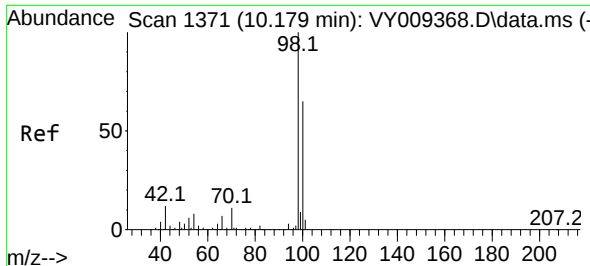
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 20.8 17.6 26.4

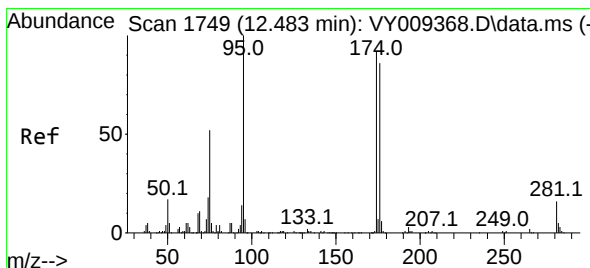
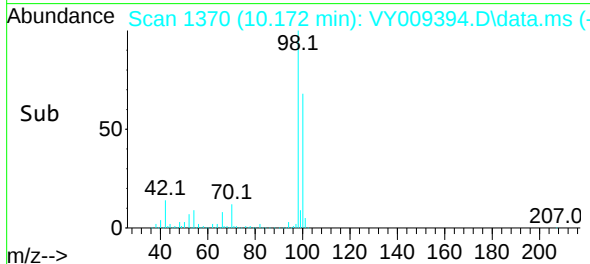
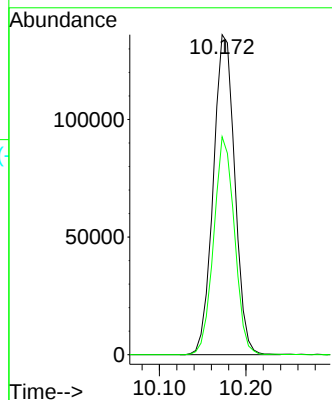
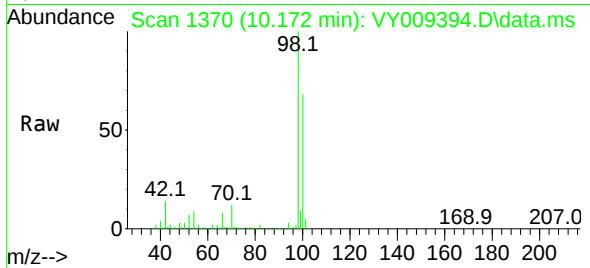




#50
Toluene-d8
Concen: 53.915 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY009394.D
Acq: 30 Jun 2022 15:36

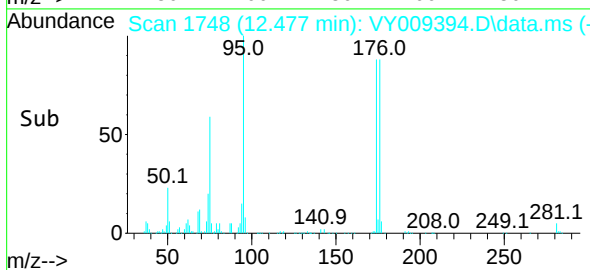
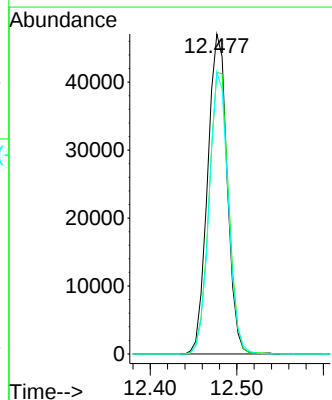
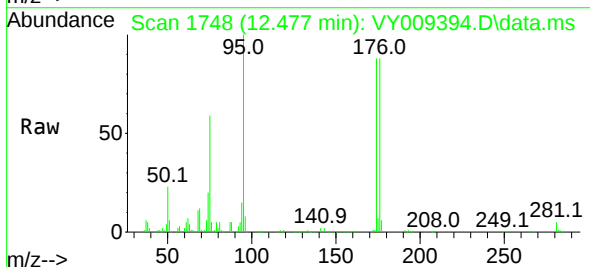
Instrument :
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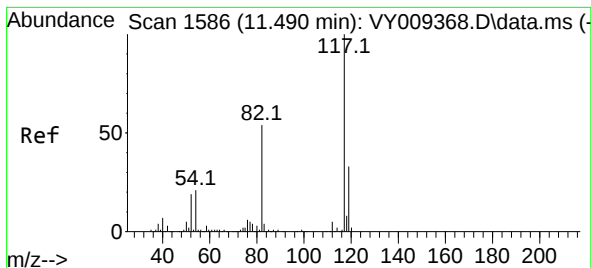
Tgt Ion: 98 Resp: 234559
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.774 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009394.D
Acq: 30 Jun 2022 15:36

Tgt Ion: 95 Resp: 73814
Ion Ratio Lower Upper
95 100
174 88.7 0.0 177.0
176 85.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY009394.D

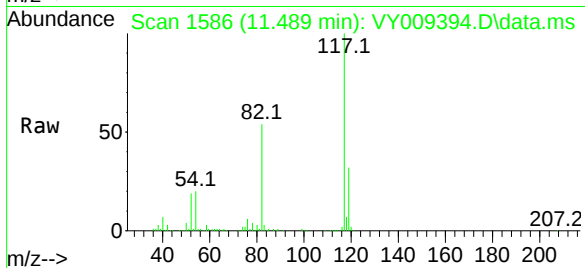
Acq: 30 Jun 2022 15:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-13-15-17-20220623



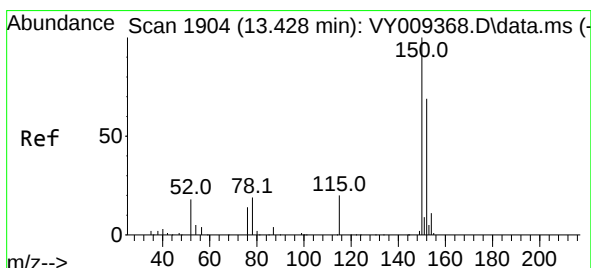
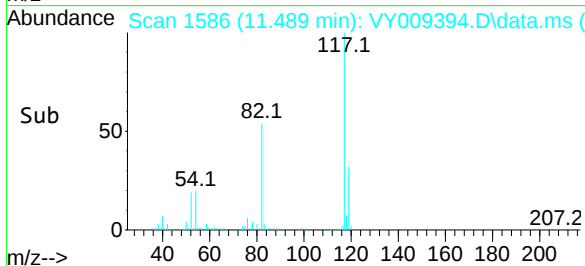
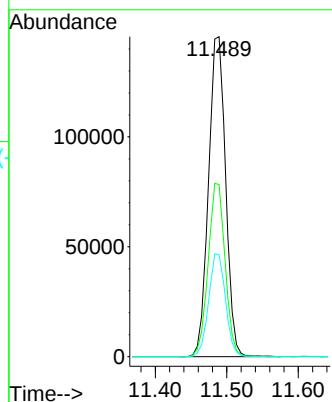
Tgt Ion:117 Resp: 242018

Ion Ratio Lower Upper

117 100

82 53.8 43.0 64.4

119 31.8 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009394.D

Acq: 30 Jun 2022 15:36

Tgt Ion:152 Resp: 109202

Ion Ratio Lower Upper

152 100

115 56.4 28.2 84.7

150 155.7 0.0 347.6

