

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082123\
 Data File : VX037137.D
 Acq On : 21 Aug 2023 17:44
 Operator : JC/MD
 Sample : 04086-07ME 20X
 Misc : 5.06g/5.0mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-PP09CDL

Quant Time: Aug 22 05:59:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	160184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	272821	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	121389	52.564	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.120%	
35) Dibromofluoromethane	5.391	113	93110	51.532	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.060%	
50) Toluene-d8	8.653	98	346674	52.895	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.780%	
62) 4-Bromofluorobenzene	11.079	95	131305	50.979	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.960%	

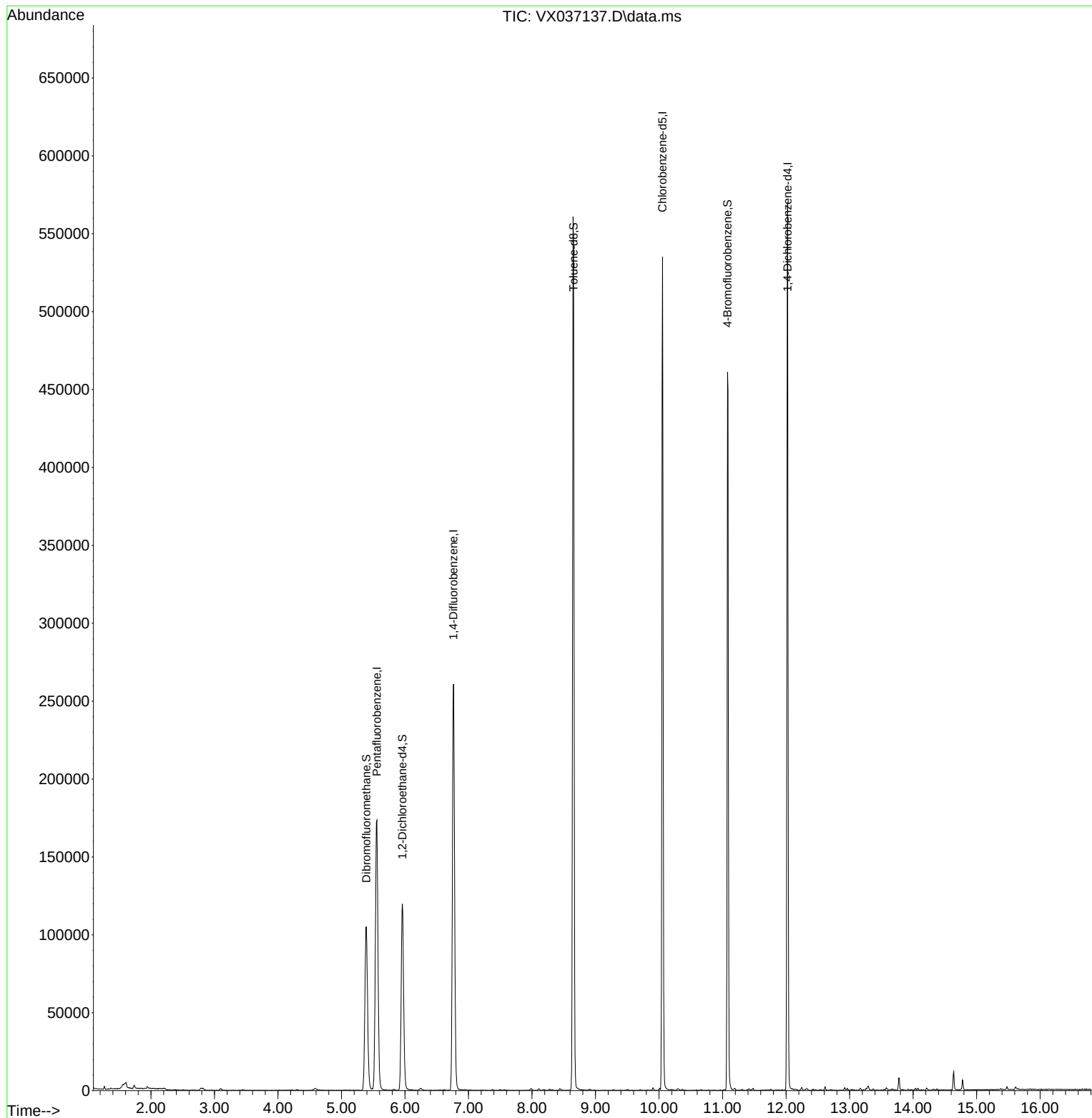
Target Compounds	Qvalue

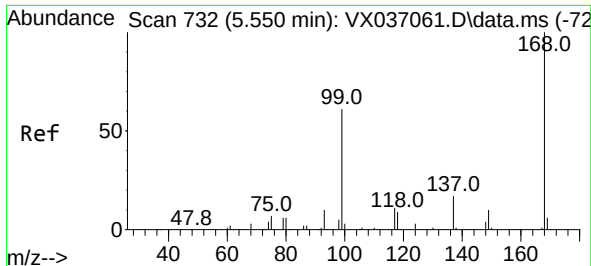
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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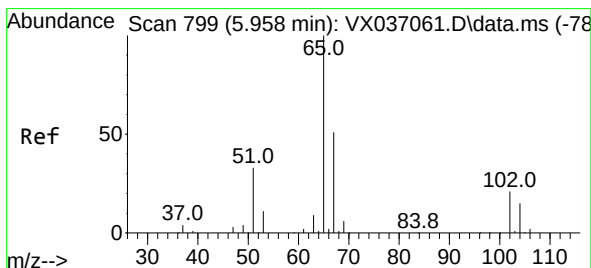
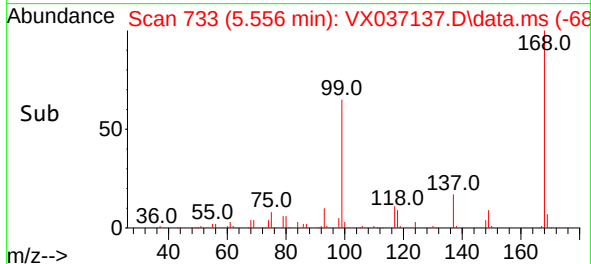
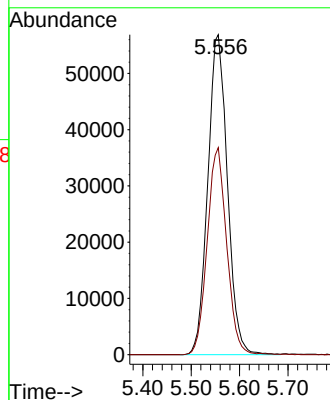
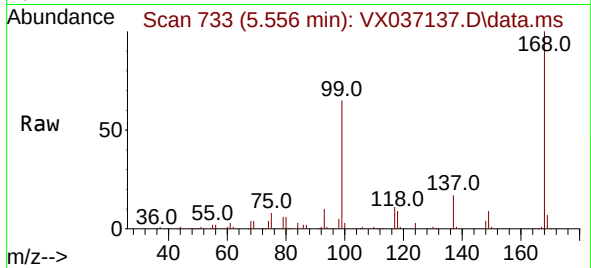




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.006 min
Lab File: VX037137.D
Acq: 21 Aug 2023 17:44

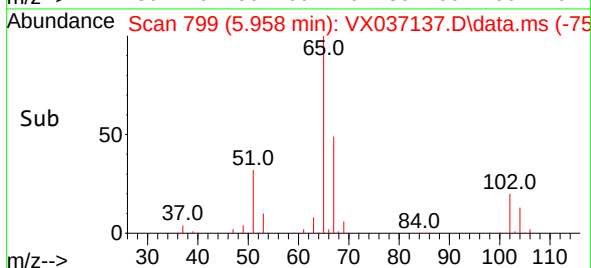
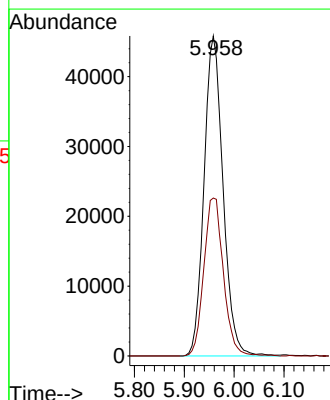
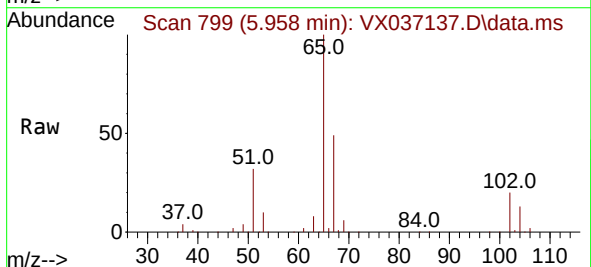
Instrument :
MSVOA_X
ClientSampleId :
B-PP09CDL

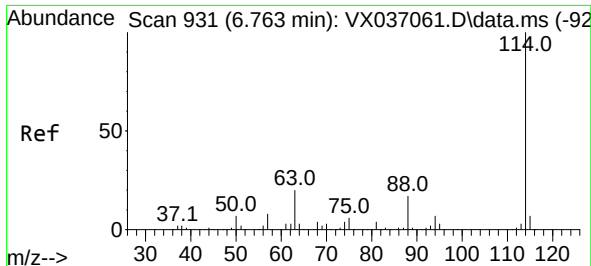
Tgt Ion:168 Resp: 160184
Ion Ratio Lower Upper
168 100
99 64.7 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 52.564 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037137.D
Acq: 21 Aug 2023 17:44

Tgt Ion: 65 Resp: 121389
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.2

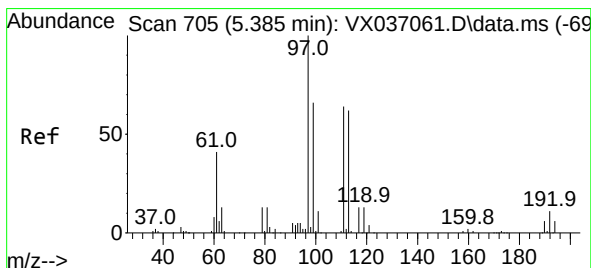
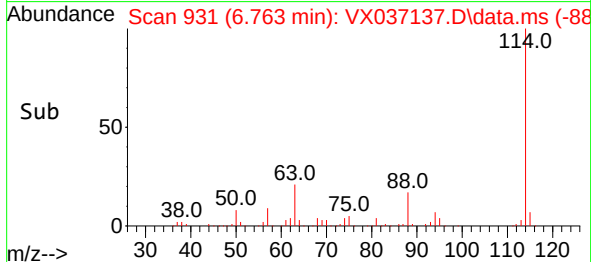
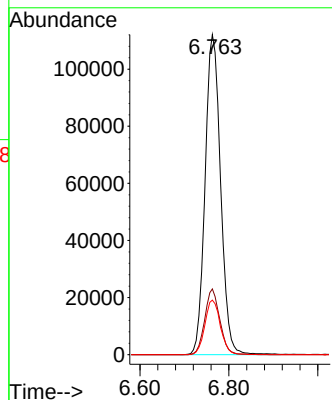
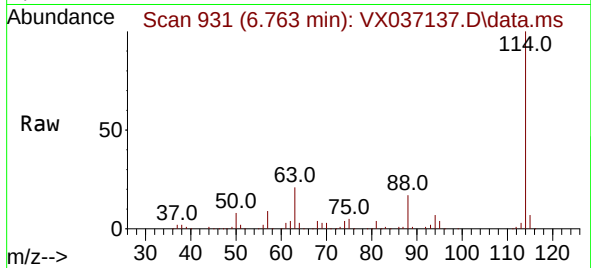




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX037137.D
 Acq: 21 Aug 2023 17:44

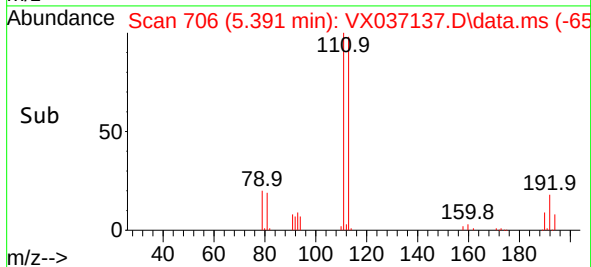
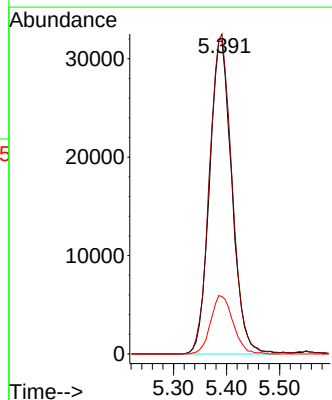
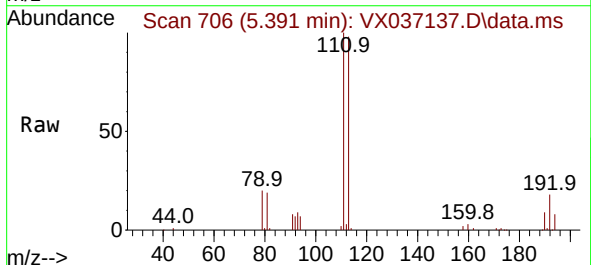
Instrument :
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 ClientSampleId :
 B-PP09CDL

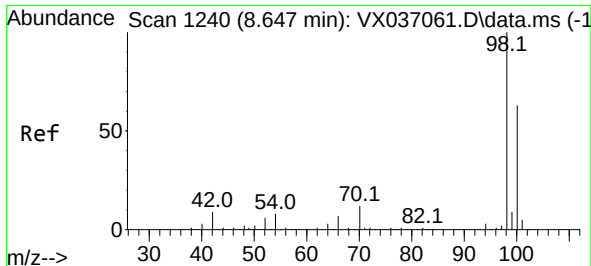
Tgt Ion:114 Resp: 272821
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 45.0
 88 17.1 0.0 36.6



#35
 Dibromofluoromethane
 Concen: 51.532 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.006 min
 Lab File: VX037137.D
 Acq: 21 Aug 2023 17:44

Tgt Ion:113 Resp: 93110
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.9 124.3
 192 18.7 13.3 19.9

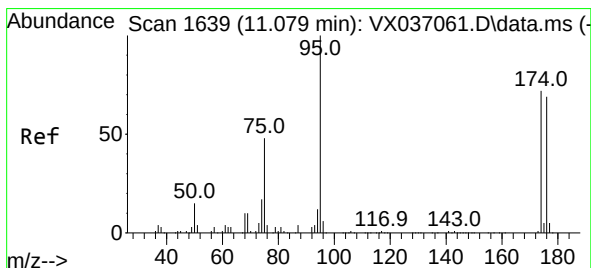
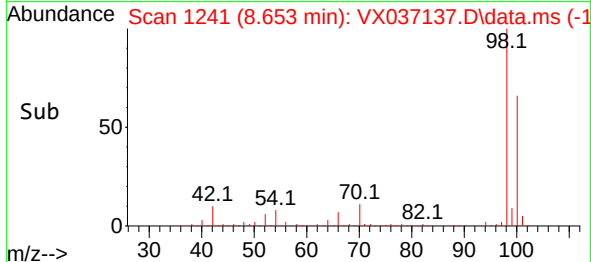
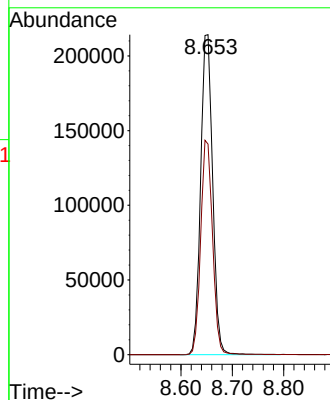
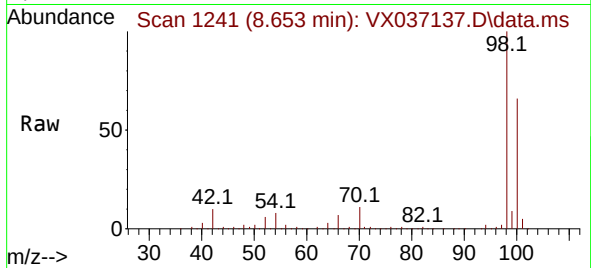




#50
Toluene-d8
Concen: 52.895 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037137.D
Acq: 21 Aug 2023 17:44

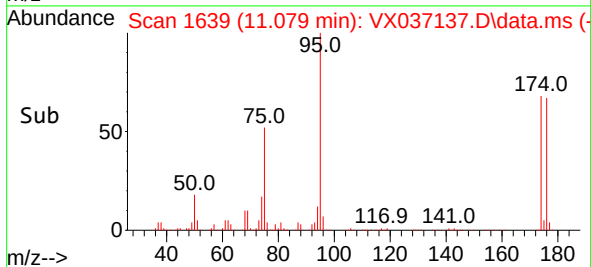
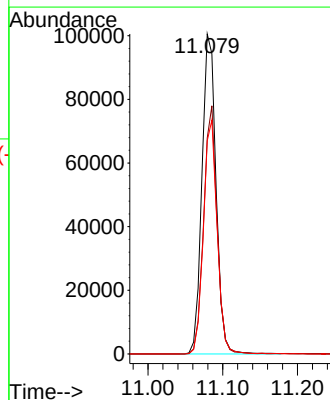
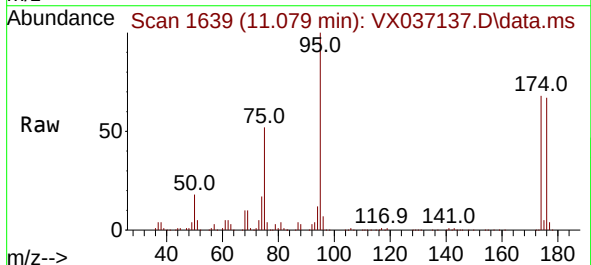
Instrument :
MSVOA_X
ClientSampleId :
B-PP09CDL

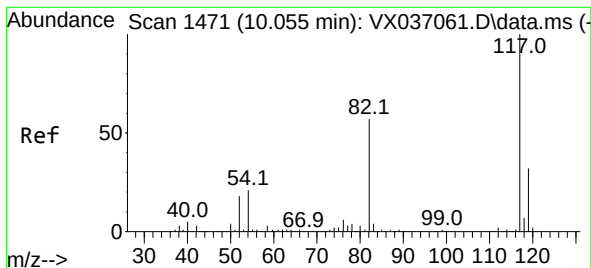
Tgt Ion: 98 Resp: 346674
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.979 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037137.D
Acq: 21 Aug 2023 17:44

Tgt Ion: 95 Resp: 131305
Ion Ratio Lower Upper
95 100
174 73.6 0.0 135.6
176 71.3 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX037137.D

Acq: 21 Aug 2023 17:44

Instrument :

MSVOA_X

ClientSampleId :

B-PP09CDL

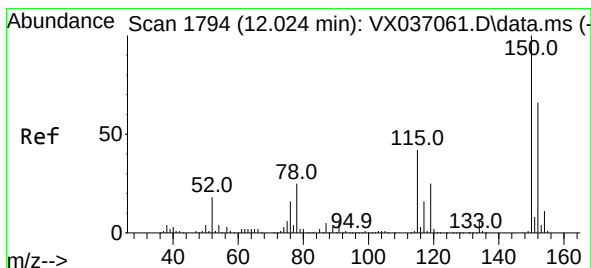
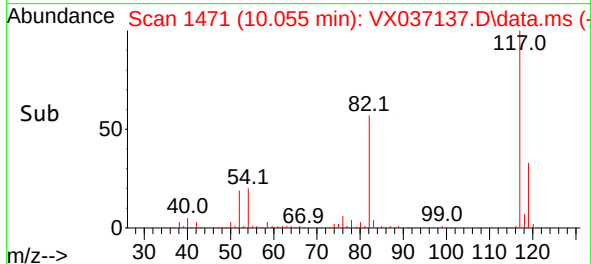
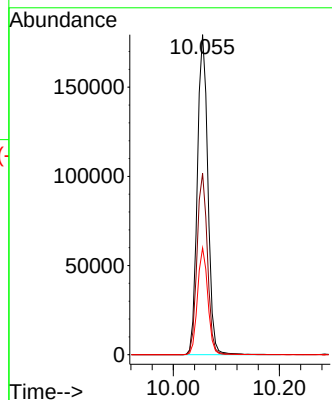
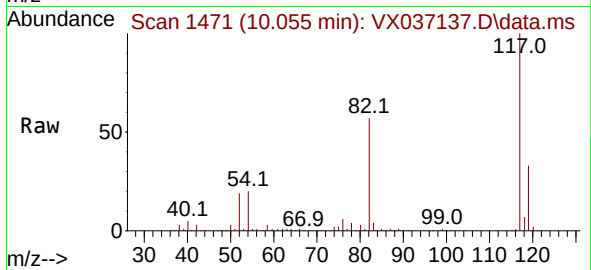
Tgt Ion:117 Resp: 246358

Ion Ratio Lower Upper

117 100

82 56.6 46.2 69.4

119 33.3 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX037137.D

Acq: 21 Aug 2023 17:44

Tgt Ion:152 Resp: 117689

Ion Ratio Lower Upper

152 100

115 63.8 43.3 129.9

150 158.9 0.0 345.0

