

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021924\
 Data File : VX040320.D
 Acq On : 19 Feb 2024 11:04
 Operator : JC/MD
 Sample : VX0219WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219WBL01

Quant Time: Feb 20 01:10:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	85815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	151450	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63477	49.721	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.440%
35) Dibromofluoromethane	5.391	113	49370	46.679	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.360%
50) Toluene-d8	8.647	98	183779	46.452	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.900%
62) 4-Bromofluorobenzene	11.079	95	69904	43.323	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.640%

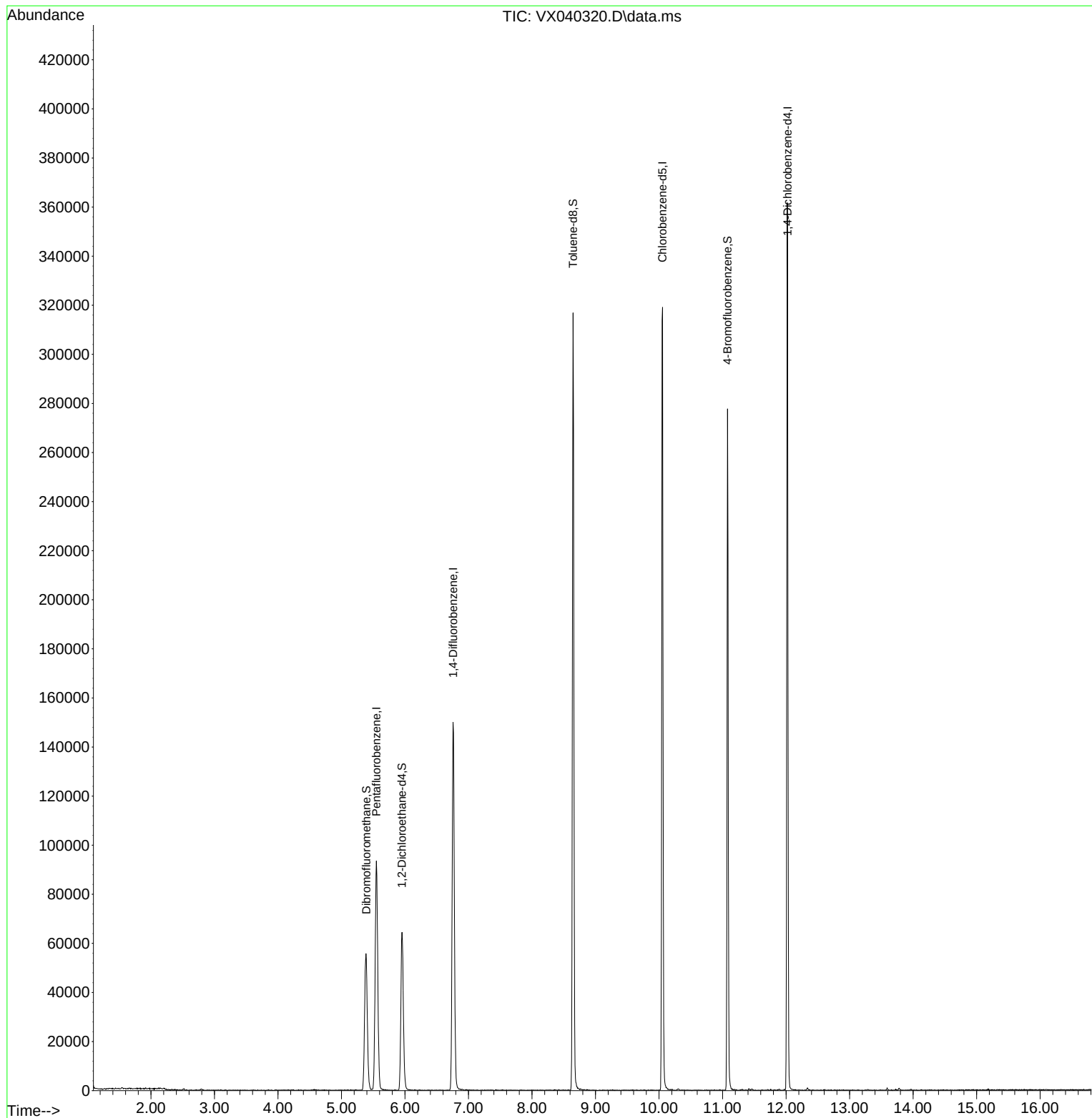
Target Compounds	Qvalue

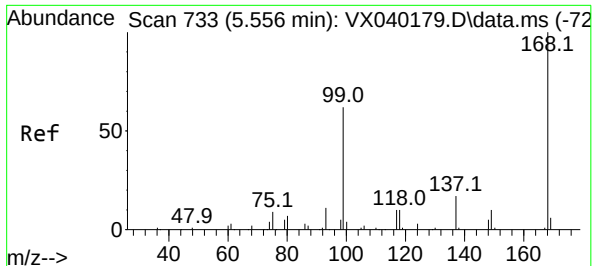
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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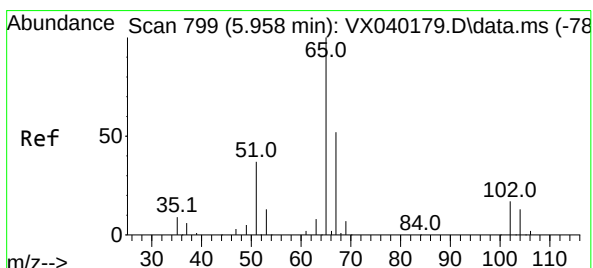
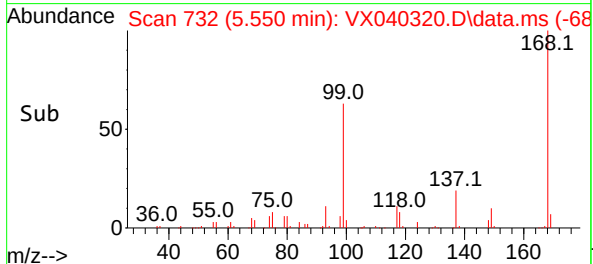
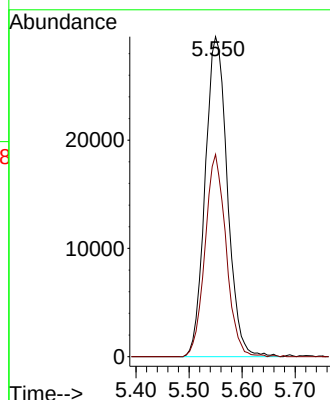
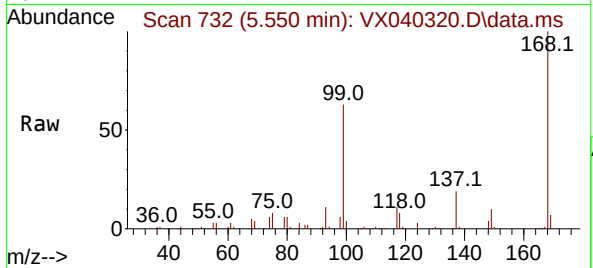




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX040320.D
Acq: 19 Feb 2024 11:04

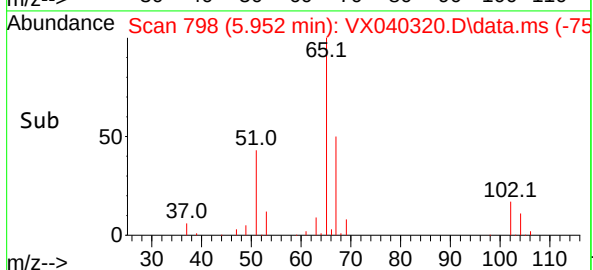
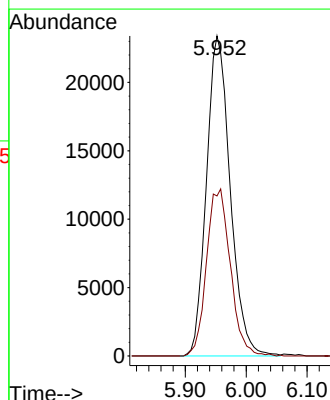
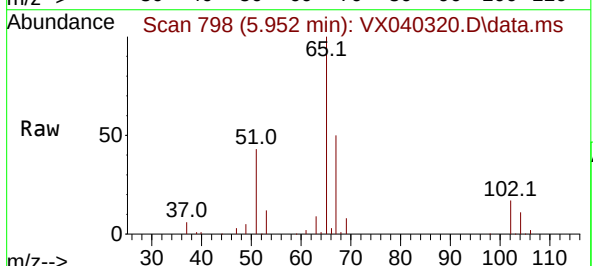
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBL01

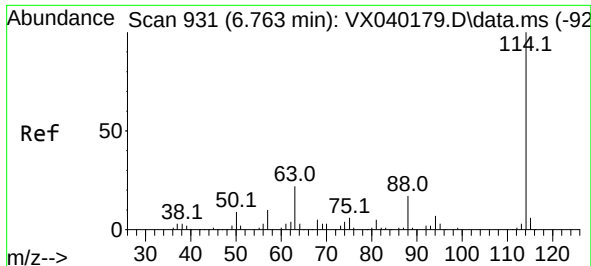
Tgt Ion:168 Resp: 85815
Ion Ratio Lower Upper
168 100
99 63.2 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 49.721 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040320.D
Acq: 19 Feb 2024 11:04

Tgt Ion: 65 Resp: 63477
Ion Ratio Lower Upper
65 100
67 52.4 0.0 100.2

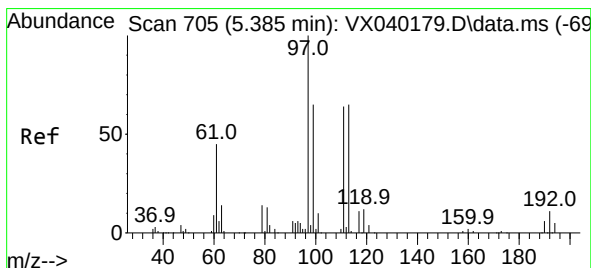
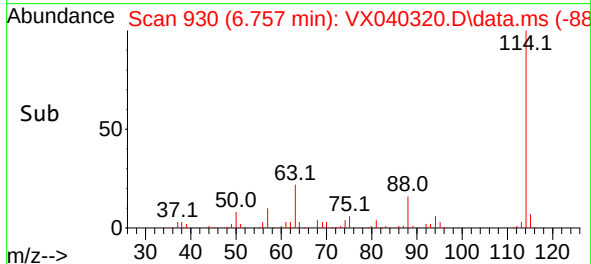
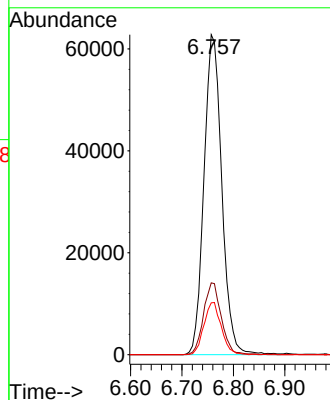
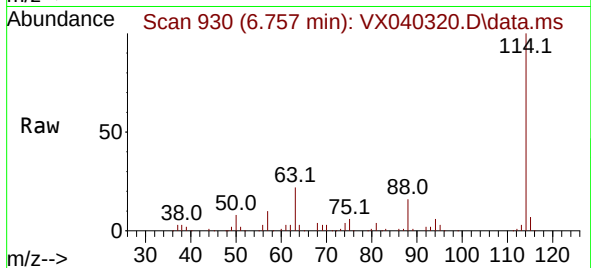




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX040320.D
Acq: 19 Feb 2024 11:04

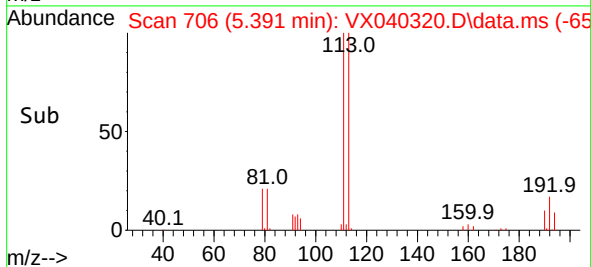
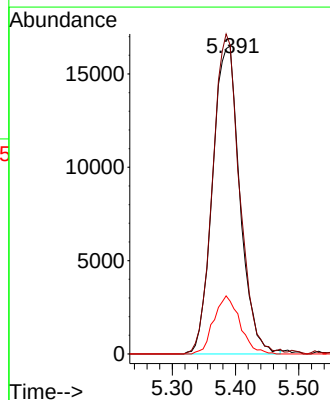
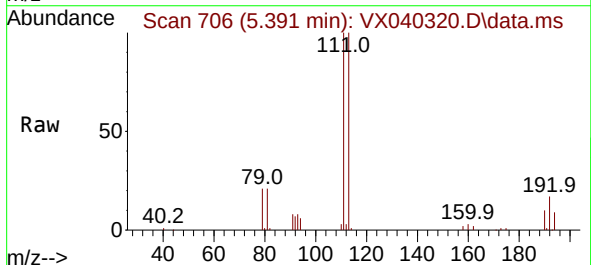
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBL01

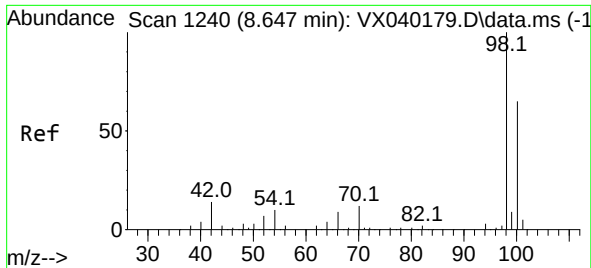
Tgt Ion:114 Resp: 151450
Ion Ratio Lower Upper
114 100
63 22.4 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.679 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040320.D
Acq: 19 Feb 2024 11:04

Tgt Ion:113 Resp: 49370
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 18.1 13.3 19.9

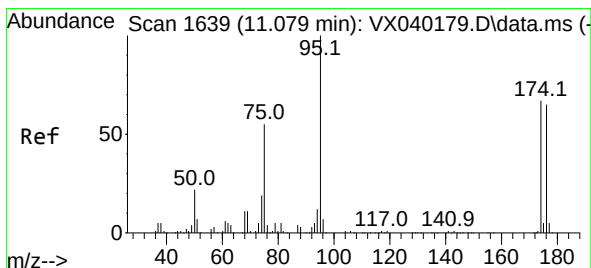
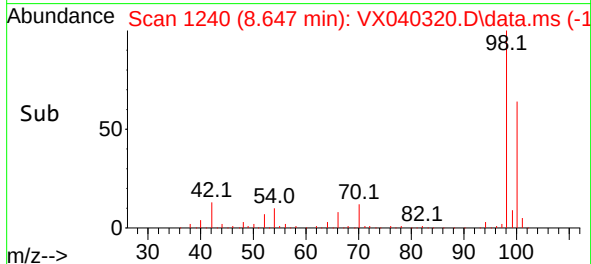
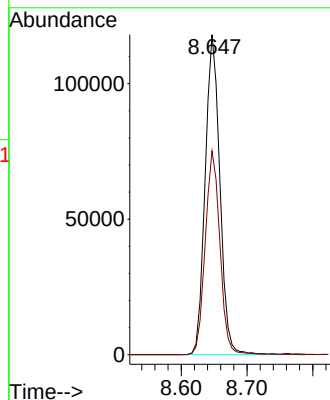
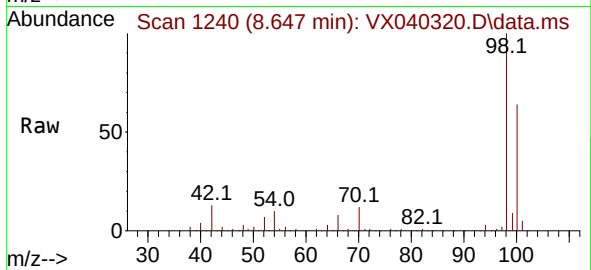




#50
Toluene-d8
Concen: 46.452 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040320.D
Acq: 19 Feb 2024 11:04

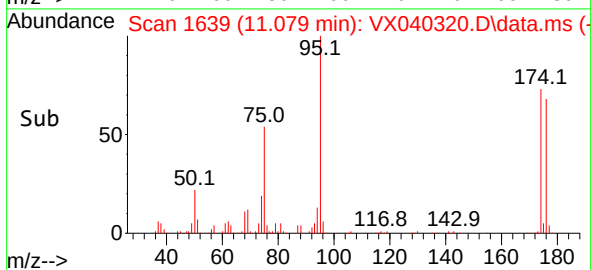
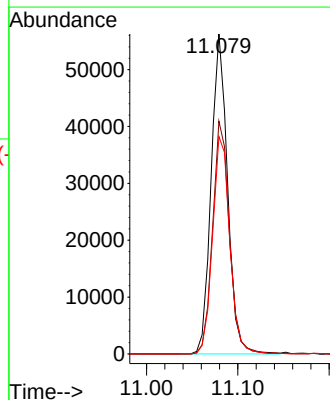
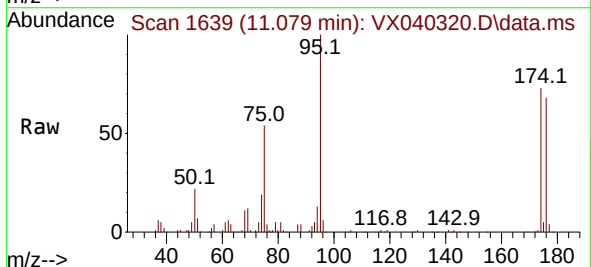
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBL01

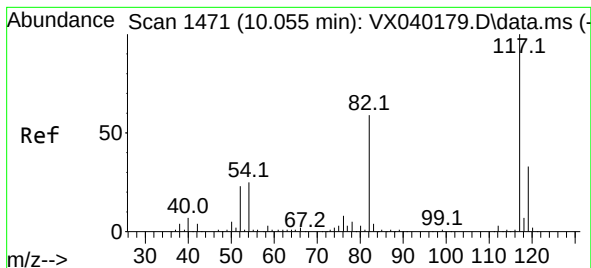
Tgt Ion: 98 Resp: 183779
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 43.323 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040320.D
Acq: 19 Feb 2024 11:04

Tgt Ion: 95 Resp: 69904
Ion Ratio Lower Upper
95 100
174 74.8 0.0 135.6
176 71.2 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: VX040320.D

Acq: 19 Feb 2024 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBL01

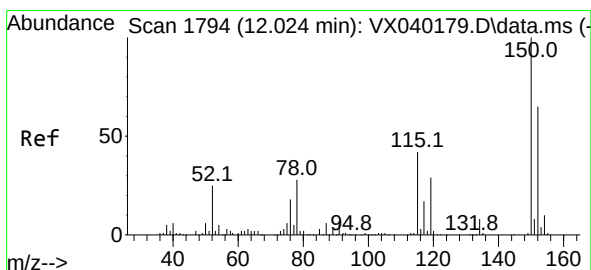
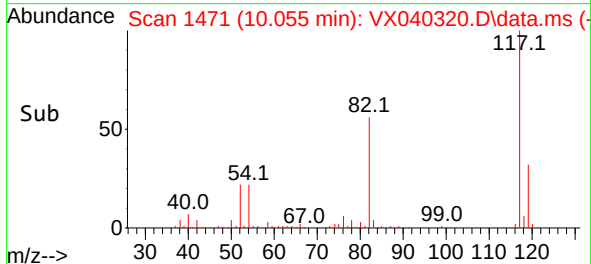
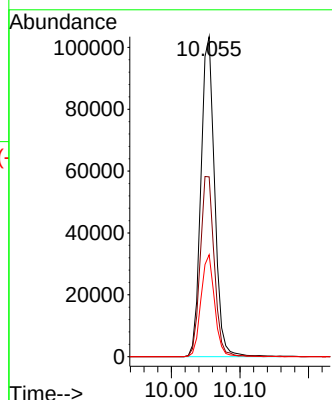
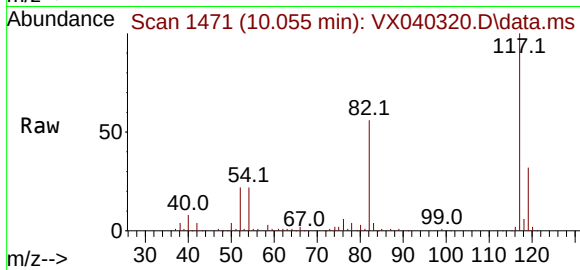
Tgt Ion:117 Resp: 144514

Ion Ratio Lower Upper

117 100

82 56.2 46.2 69.4

119 31.8 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: VX040320.D

Acq: 19 Feb 2024 11:04

Tgt Ion:152 Resp: 71417

Ion Ratio Lower Upper

152 100

115 60.8 43.3 129.9

150 157.0 0.0 345.0

