

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022024\
 Data File : VX040346.D
 Acq On : 20 Feb 2024 11:10
 Operator : JC/MD
 Sample : VX0220WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBL01

Quant Time: Feb 21 01:09:41 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	81232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	139838	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61159	50.608	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.220%	
35) Dibromofluoromethane	5.379	113	46797	47.921	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.840%	
50) Toluene-d8	8.647	98	174184	47.683	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.360%	
62) 4-Bromofluorobenzene	11.079	95	66522	44.651	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.300%	

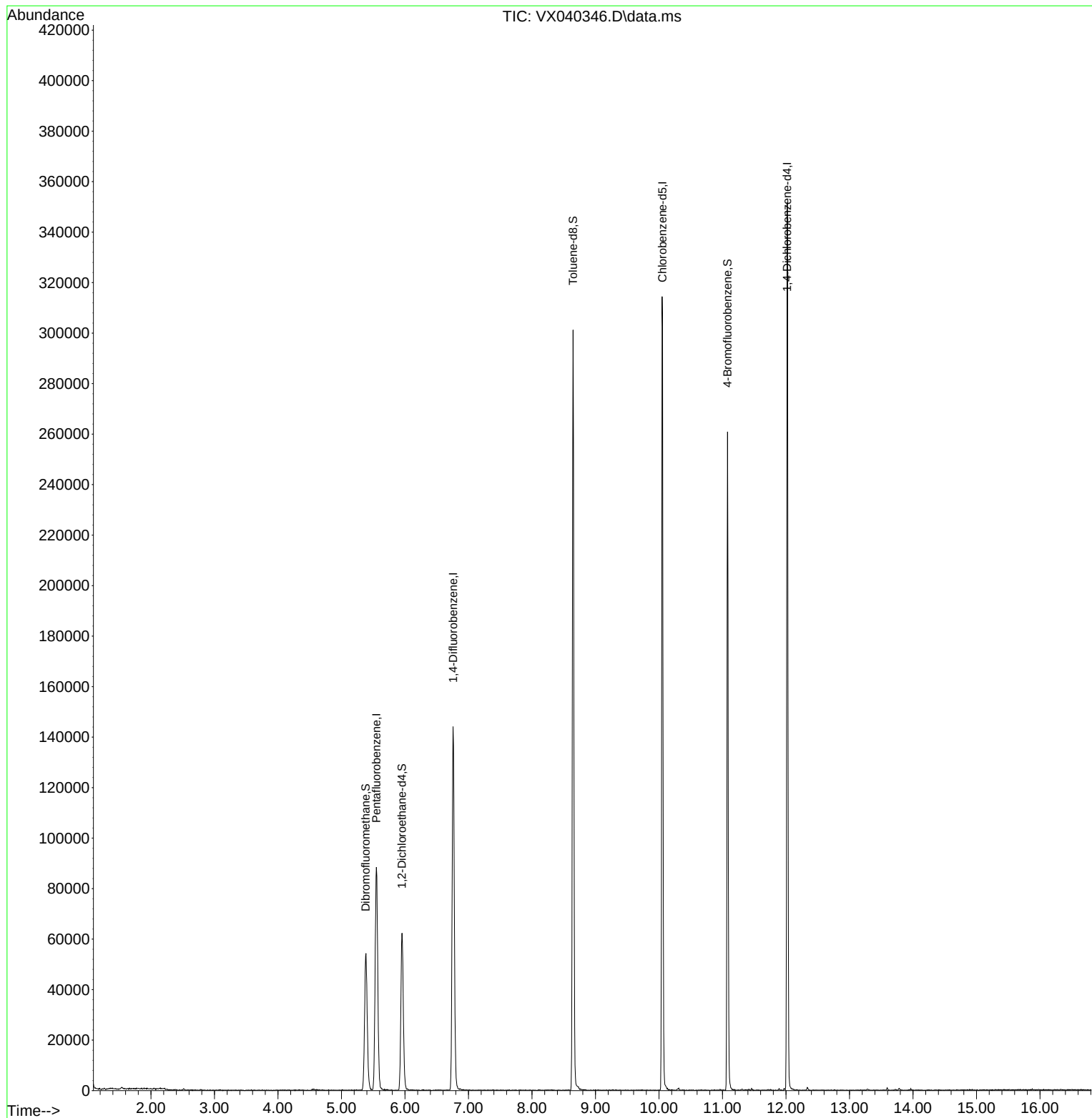
Target Compounds	Qvalue

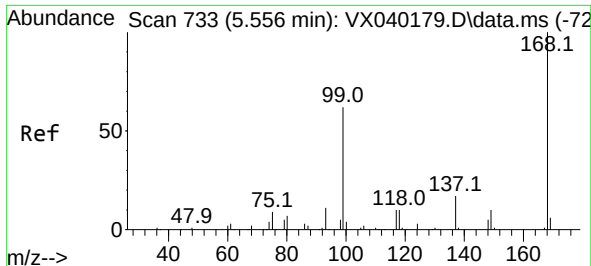
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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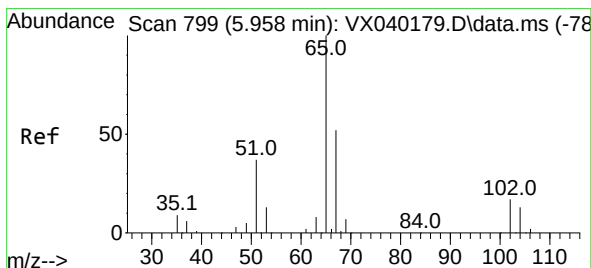
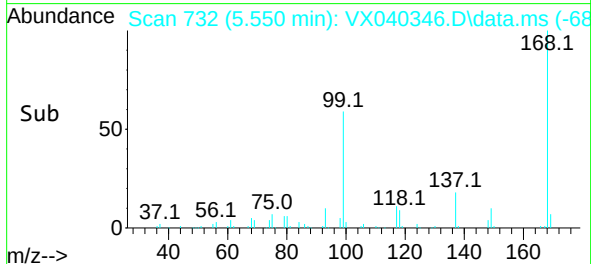
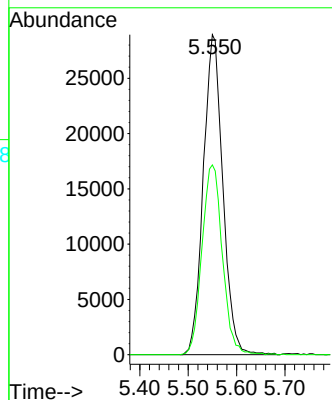
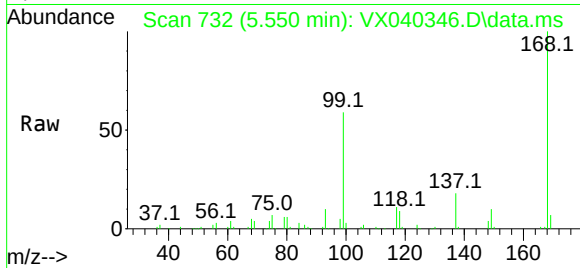




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040346.D
Acq: 20 Feb 2024 11:10

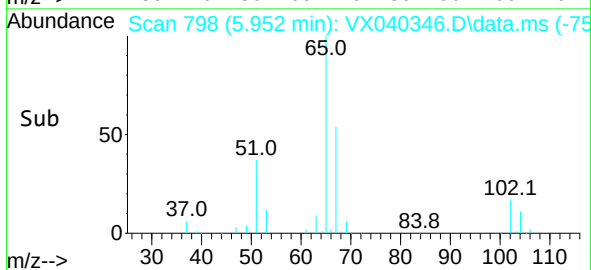
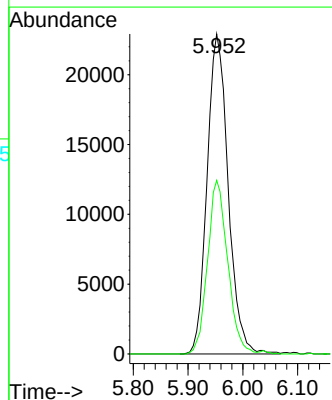
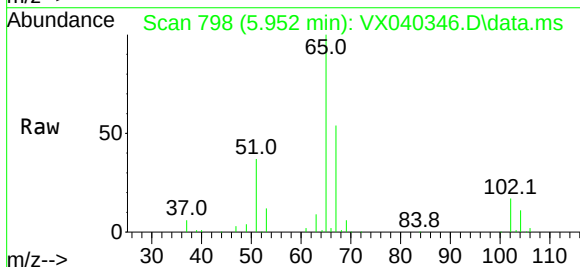
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBL01

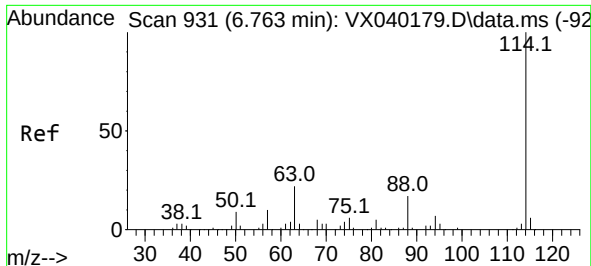
Tgt Ion:168 Resp: 81232
Ion Ratio Lower Upper
168 100
99 59.3 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 50.608 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040346.D
Acq: 20 Feb 2024 11:10

Tgt Ion: 65 Resp: 61159
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2

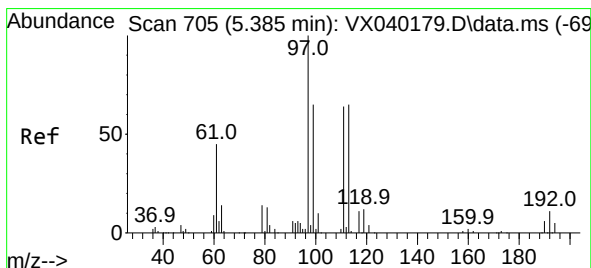
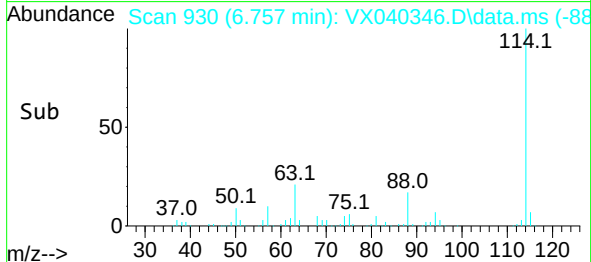
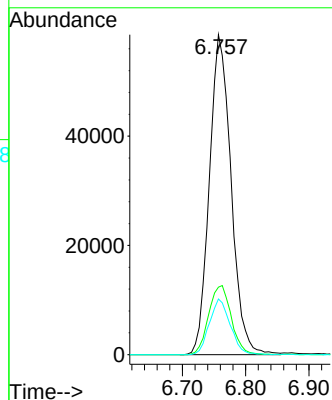
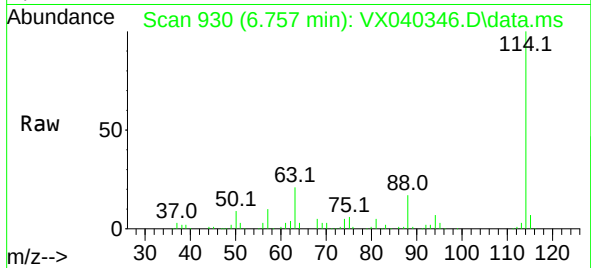




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX040346.D
Acq: 20 Feb 2024 11:10

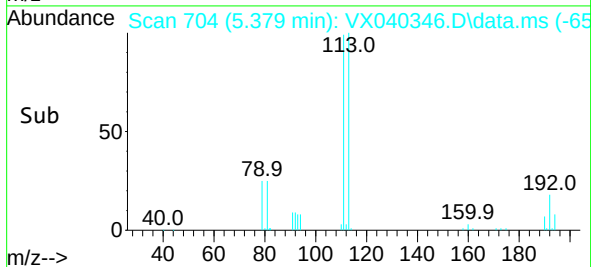
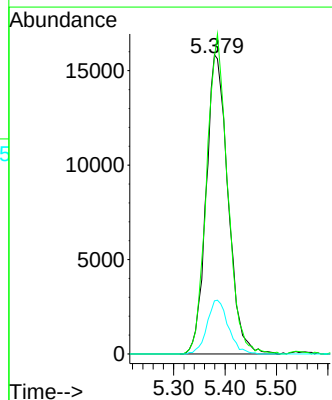
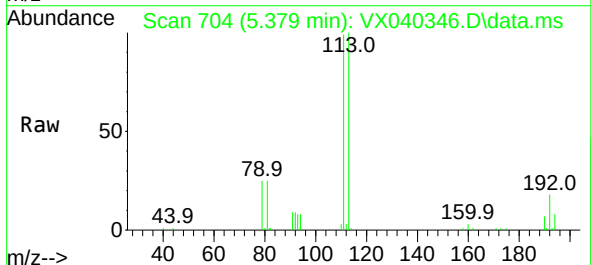
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBL01

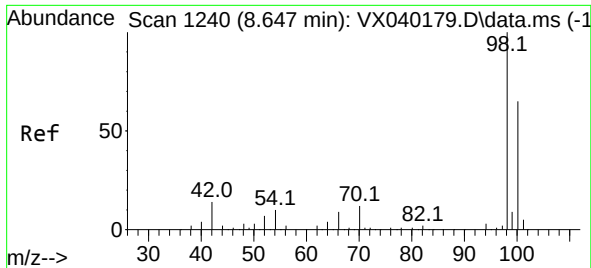
Tgt Ion:114 Resp: 139838
Ion Ratio Lower Upper
114 100
63 21.1 0.0 45.0
88 17.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.921 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX040346.D
Acq: 20 Feb 2024 11:10

Tgt Ion:113 Resp: 46797
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 17.4 13.3 19.9

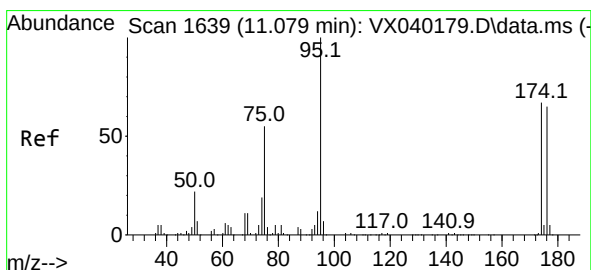
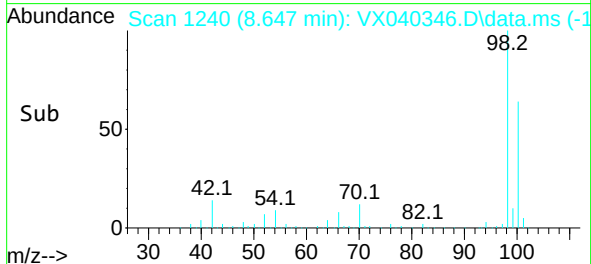
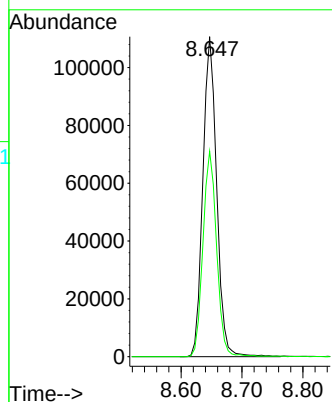
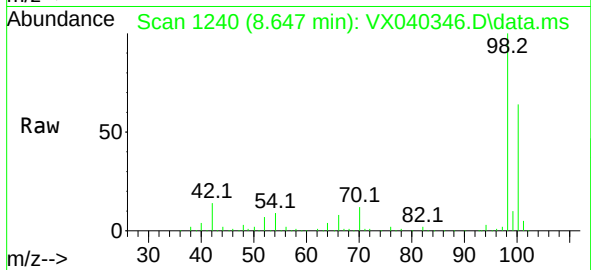




#50
Toluene-d8
Concen: 47.683 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040346.D
Acq: 20 Feb 2024 11:10

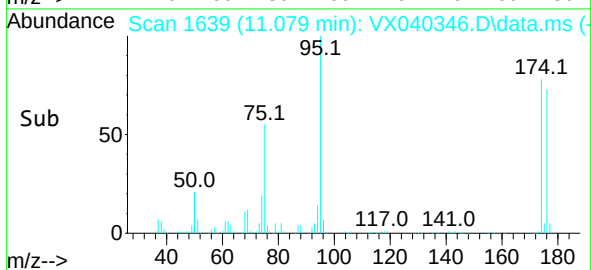
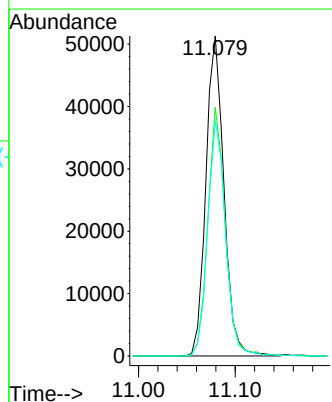
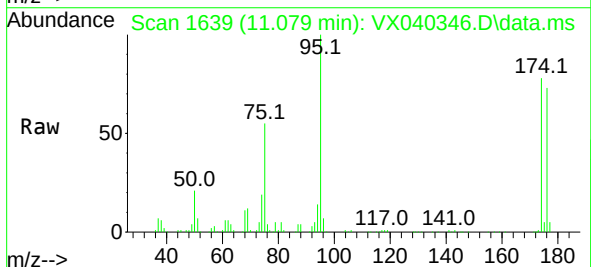
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBL01

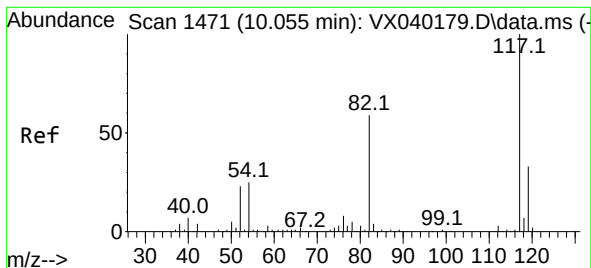
Tgt Ion: 98 Resp: 174184
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.651 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040346.D
Acq: 20 Feb 2024 11:10

Tgt Ion: 95 Resp: 66522
Ion Ratio Lower Upper
95 100
174 75.5 0.0 135.6
176 72.6 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: VX040346.D

Acq: 20 Feb 2024 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBL01

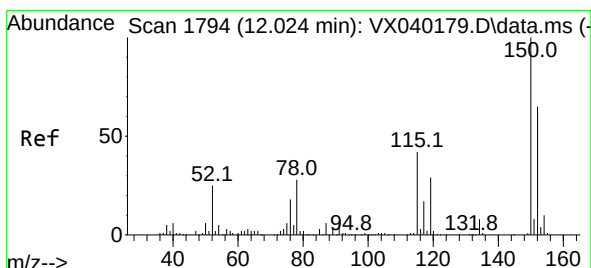
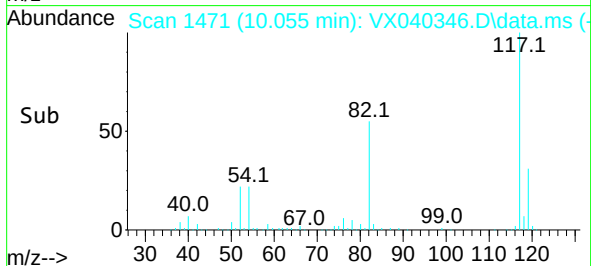
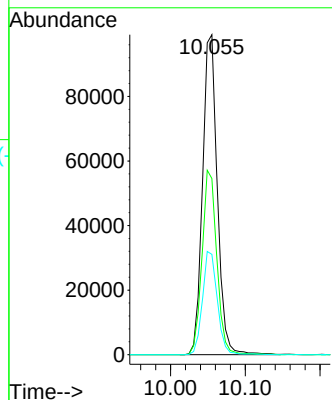
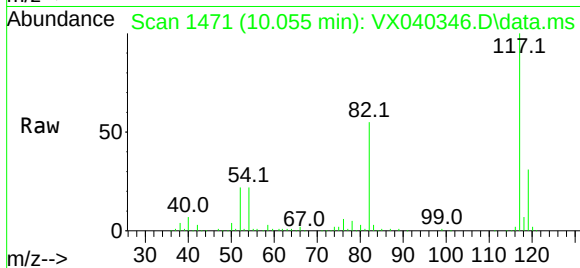
Tgt Ion:117 Resp: 135934

Ion Ratio Lower Upper

117 100

82 55.1 46.2 69.4

119 31.4 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX040346.D

Acq: 20 Feb 2024 11:10

Tgt Ion:152 Resp: 69669

Ion Ratio Lower Upper

152 100

115 61.5 43.3 129.9

150 155.5 0.0 345.0

