

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013124\
 Data File : VX040039.D
 Acq On : 31 Jan 2024 11:41
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 01 04:21:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 07:12:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	89348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	158793	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69478	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67323	46.819	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.640%
35) Dibromofluoromethane	5.385	113	53141	49.161	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.320%
50) Toluene-d8	8.647	98	192045	47.507	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.020%
62) 4-Bromofluorobenzene	11.079	95	72856	46.806	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.620%

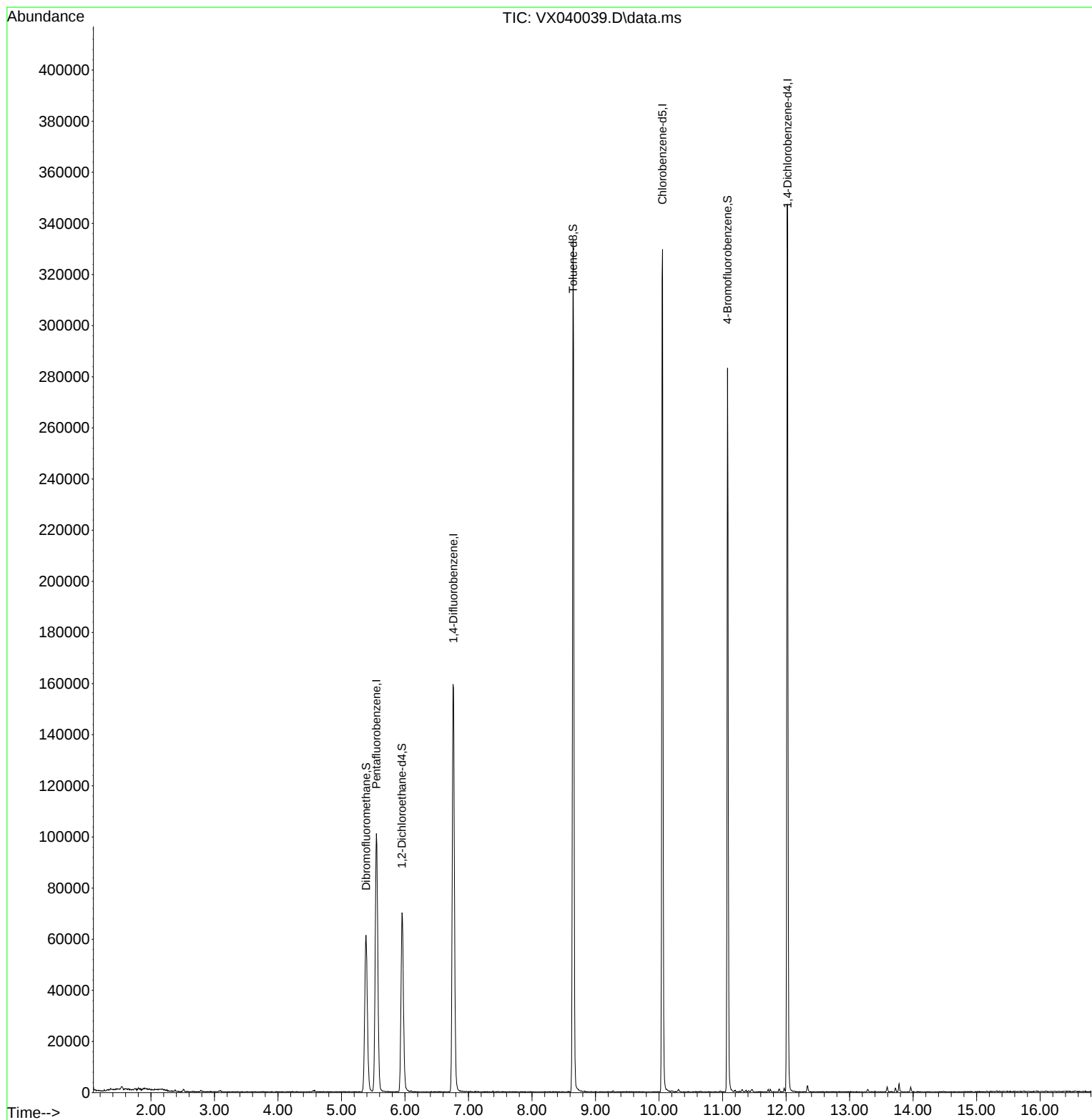
Target Compounds	Qvalue

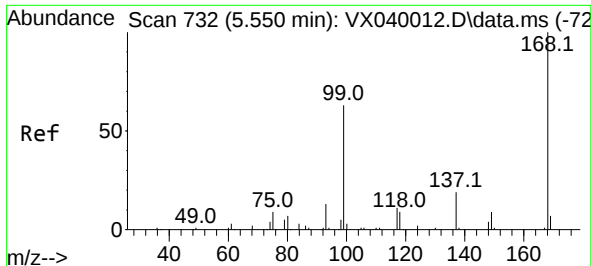
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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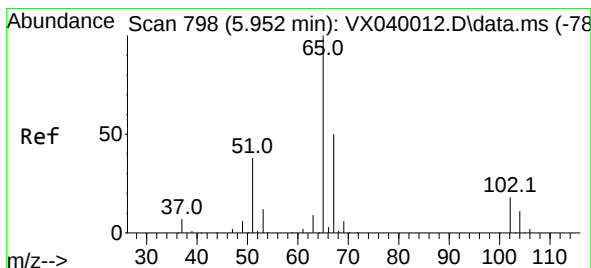
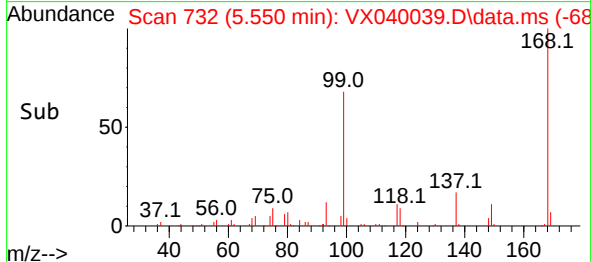
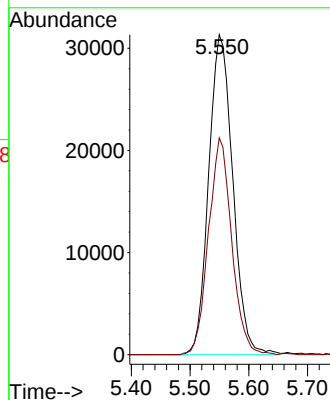
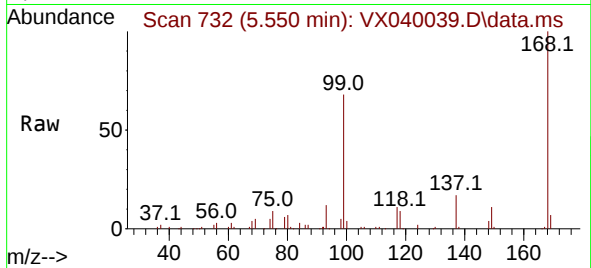




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX040039.D
Acq: 31 Jan 2024 11:41

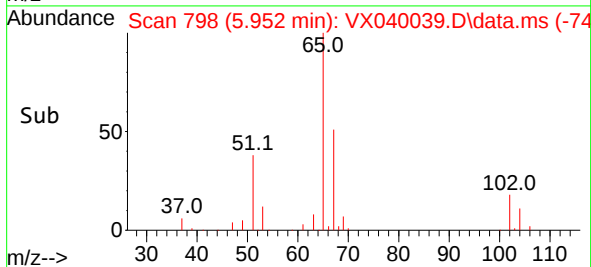
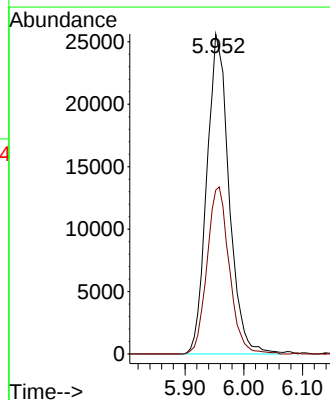
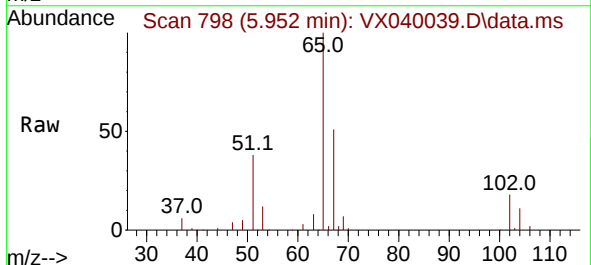
Instrument :
MSVOA_X
ClientSampleId :
IBLK

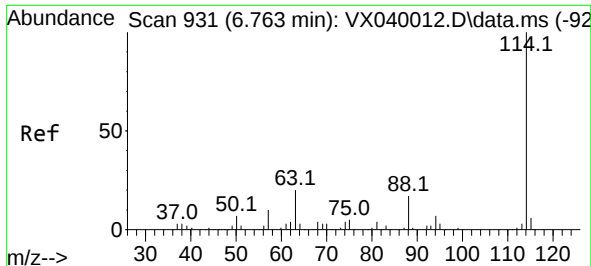
Tgt Ion:168 Resp: 89348
Ion Ratio Lower Upper
168 100
99 67.8 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 46.819 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX040039.D
Acq: 31 Jan 2024 11:41

Tgt Ion: 65 Resp: 67323
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2

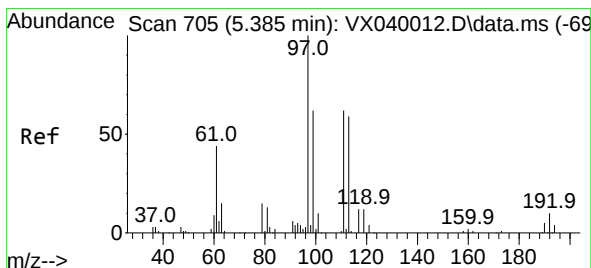
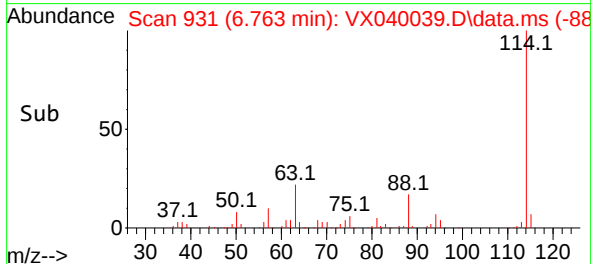
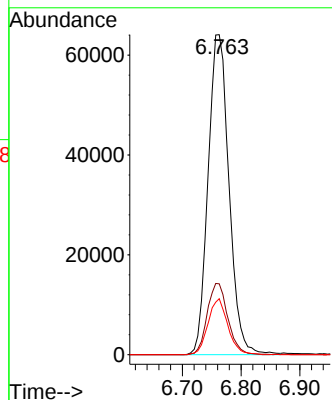
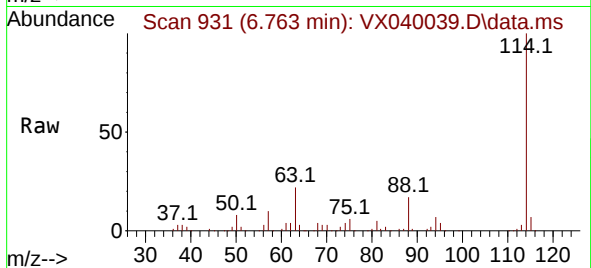




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040039.D
Acq: 31 Jan 2024 11:41

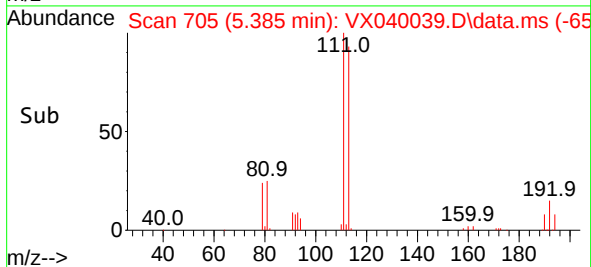
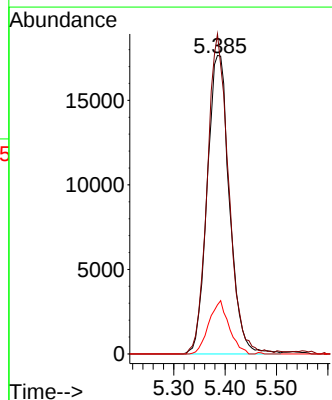
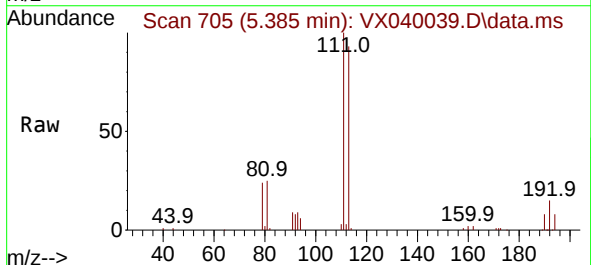
Instrument :
MSVOA_X
ClientSampleId :
IBLK

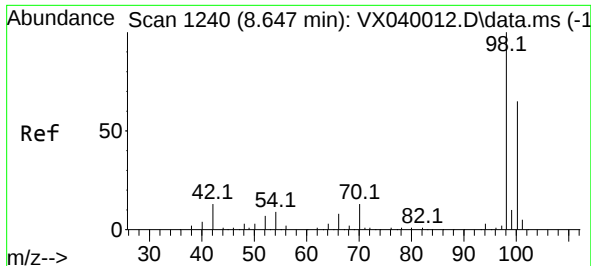
Tgt Ion:114 Resp: 158793
Ion Ratio Lower Upper
114 100
63 22.2 0.0 45.0
88 17.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.161 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040039.D
Acq: 31 Jan 2024 11:41

Tgt Ion:113 Resp: 53141
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 16.2 13.3 19.9





#50

Toluene-d8

Concen: 47.507 ug/l

RT: 8.647 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040039.D

Acq: 31 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

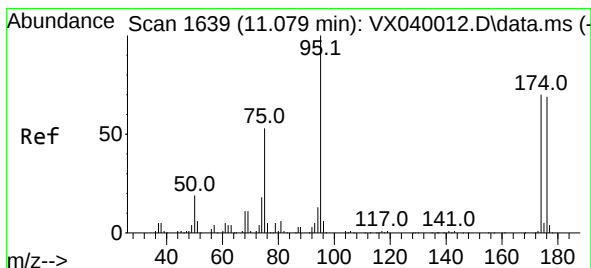
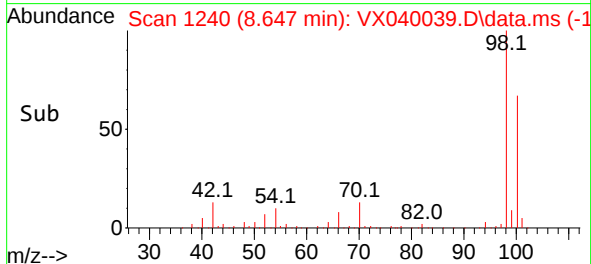
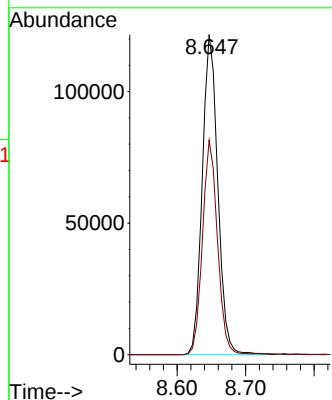
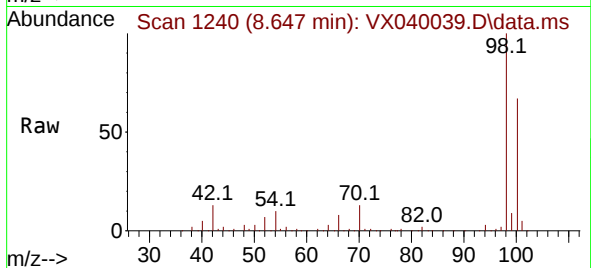
IBLK

Tgt Ion: 98 Resp: 192045

Ion Ratio Lower Upper

98 100

100 64.9 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 46.806 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX040039.D

Acq: 31 Jan 2024 11:41

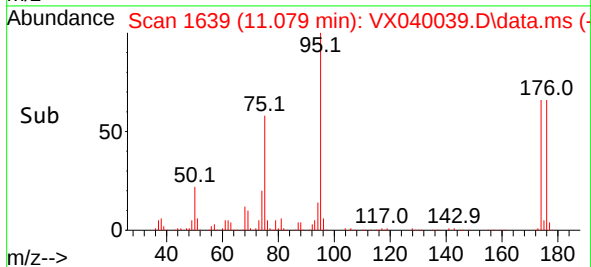
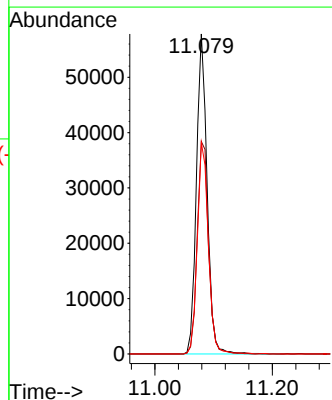
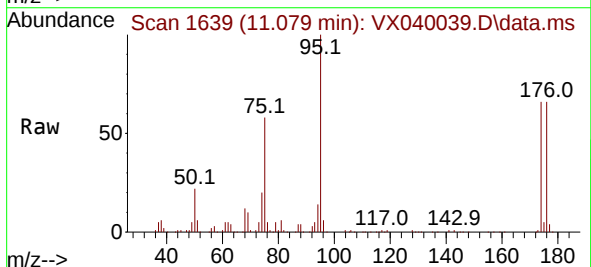
Tgt Ion: 95 Resp: 72856

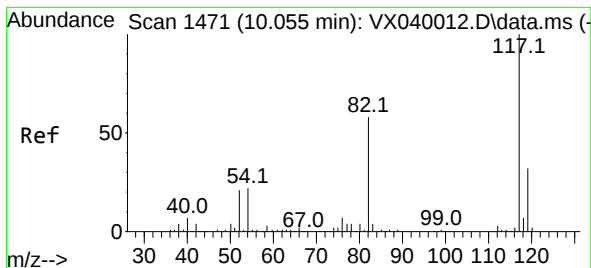
Ion Ratio Lower Upper

95 100

174 70.0 0.0 135.6

176 68.4 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: VX040039.D

Acq: 31 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

IBLK

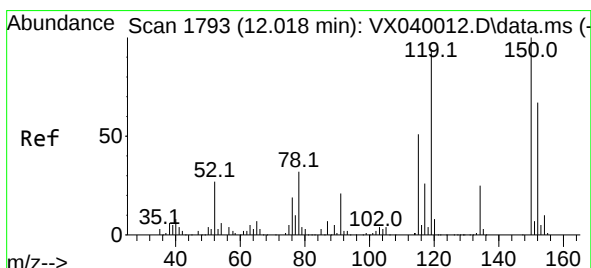
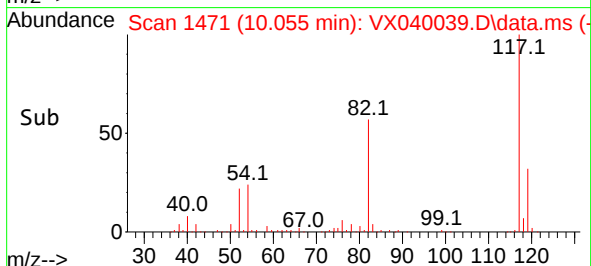
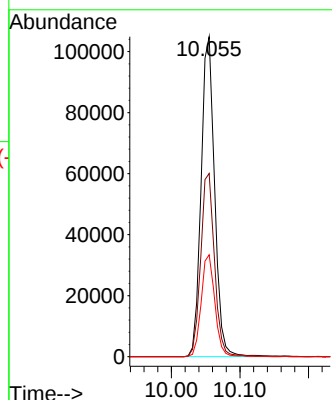
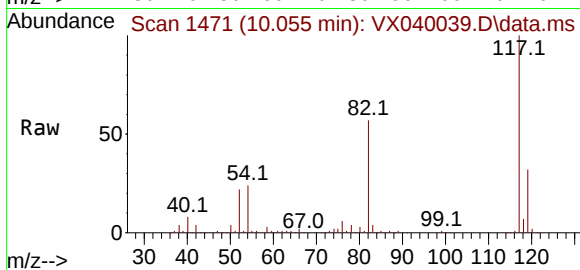
Tgt Ion:117 Resp: 144489

Ion Ratio Lower Upper

117 100

82 57.3 46.2 69.4

119 31.9 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX040039.D

Acq: 31 Jan 2024 11:41

Tgt Ion:152 Resp: 69478

Ion Ratio Lower Upper

152 100

115 63.5 43.3 129.9

150 157.5 0.0 345.0

