

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040824\
 Data File : VX040933.D
 Acq On : 08 Apr 2024 16:31
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 09 02:50:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	37594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	68476	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	70539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	34908	51.751	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.500%	
35) Dibromofluoromethane	5.391	113	24260	50.019	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.040%	
50) Toluene-d8	8.647	98	88317	50.392	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.780%	
62) 4-Bromofluorobenzene	11.079	95	36922	52.754	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.500%	

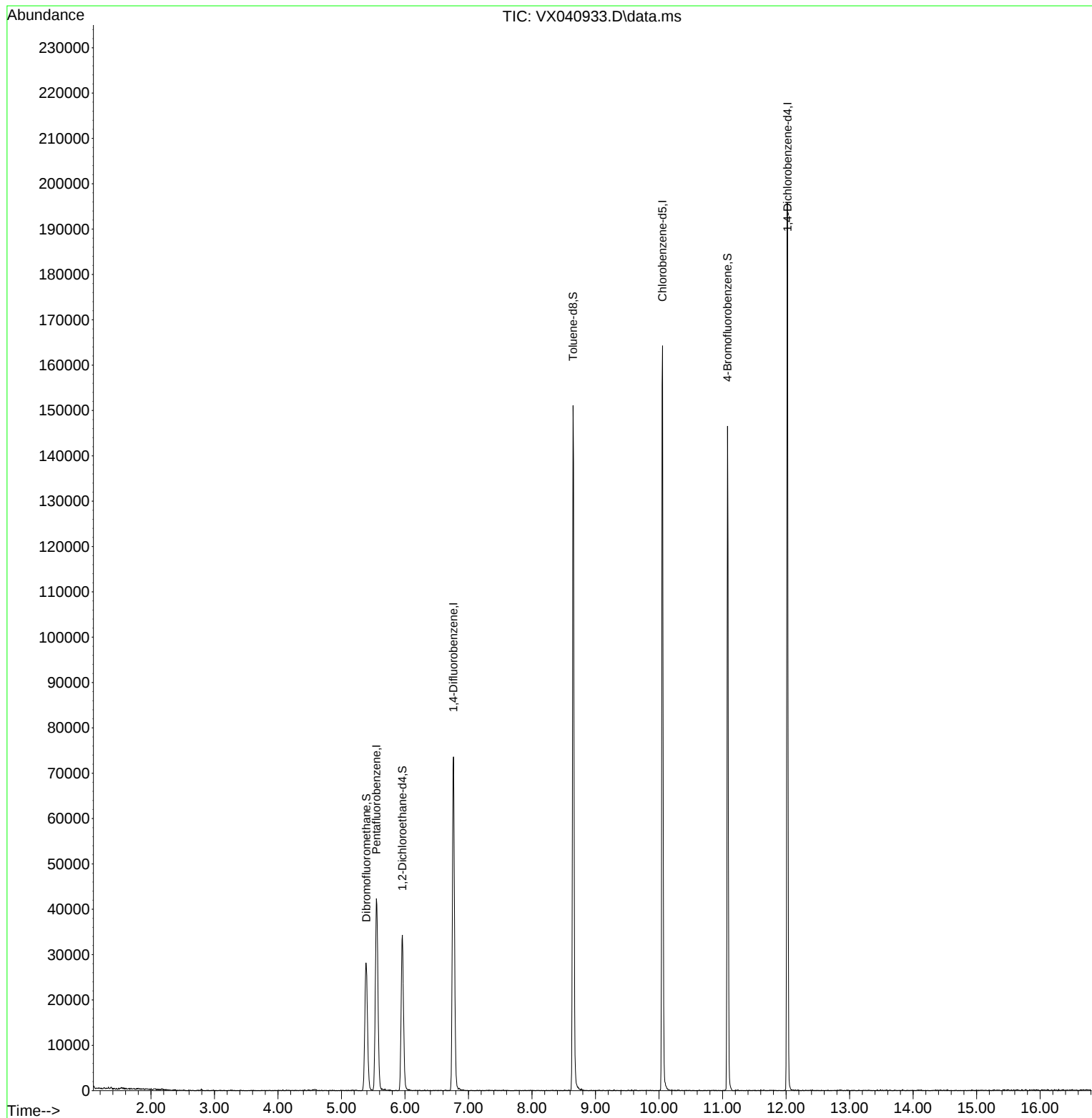
Target Compounds	Qvalue

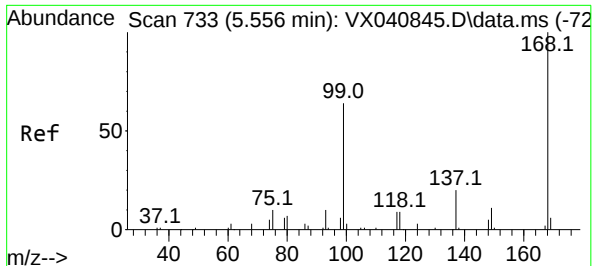
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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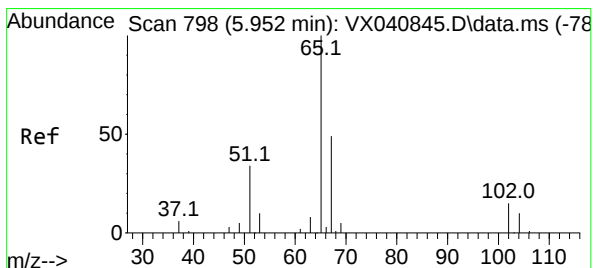
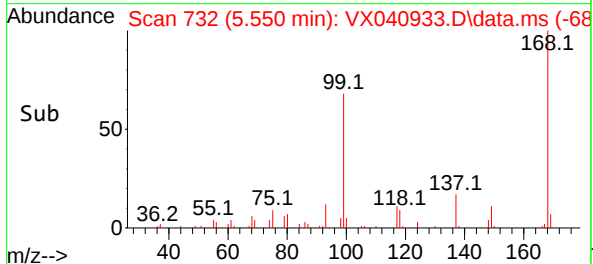
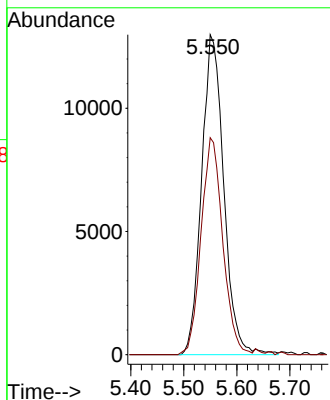
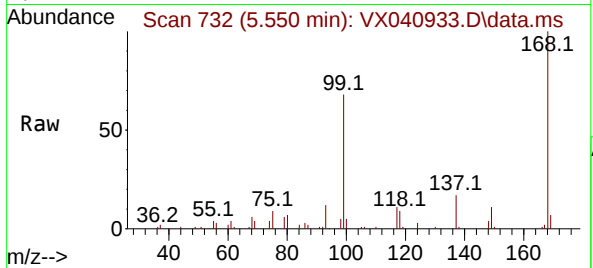




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040933.D
Acq: 08 Apr 2024 16:31

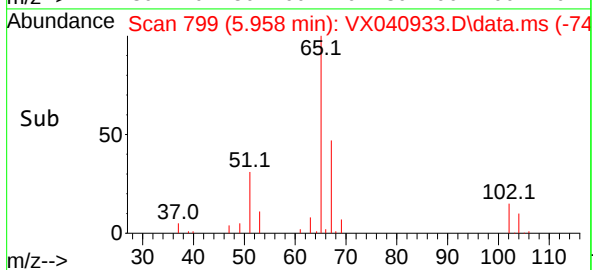
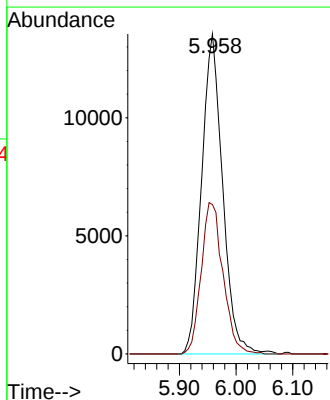
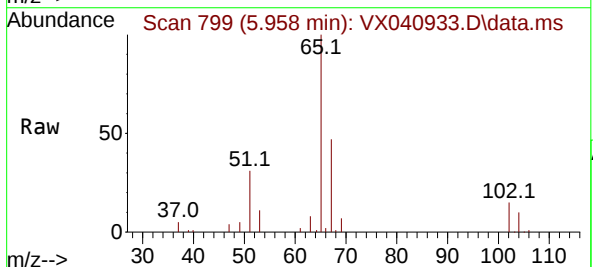
Instrument :
MSVOA_X
ClientSampleId :
IBLK

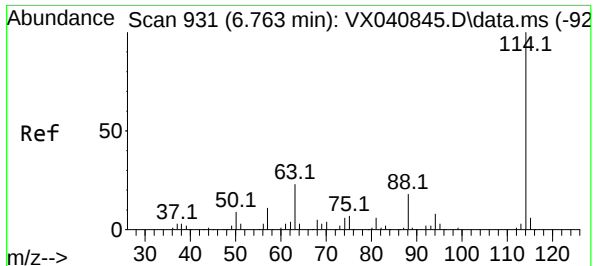
Tgt Ion:168 Resp: 37594
Ion Ratio Lower Upper
168 100
99 67.8 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 51.751 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040933.D
Acq: 08 Apr 2024 16:31

Tgt Ion: 65 Resp: 34908
Ion Ratio Lower Upper
65 100
67 49.0 0.0 100.2

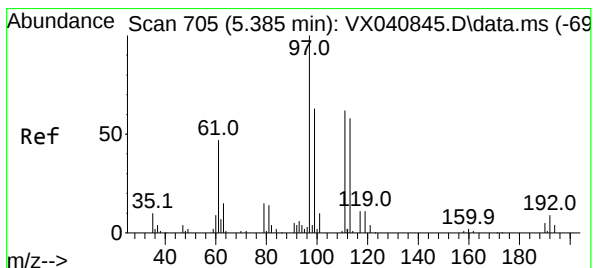
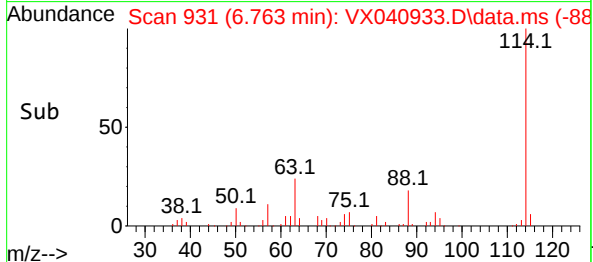
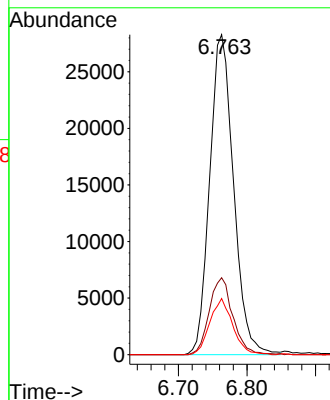
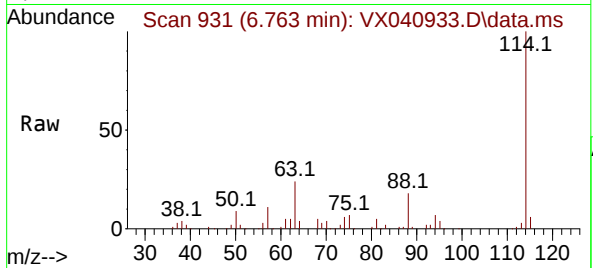




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX040933.D
Acq: 08 Apr 2024 16:31

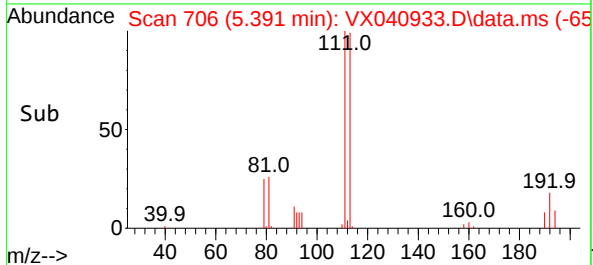
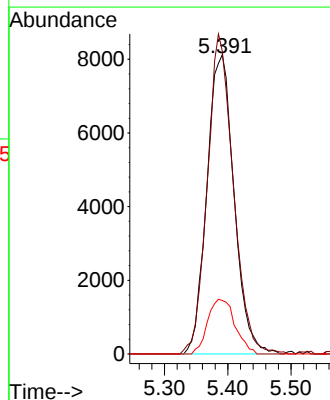
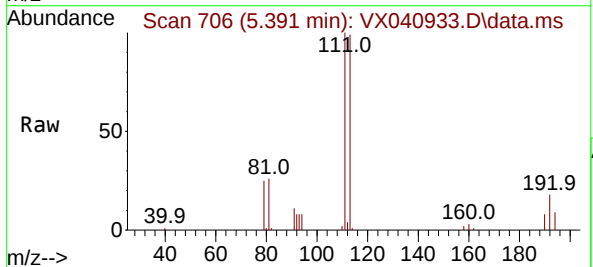
Instrument :
MSVOA_X
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IBLK

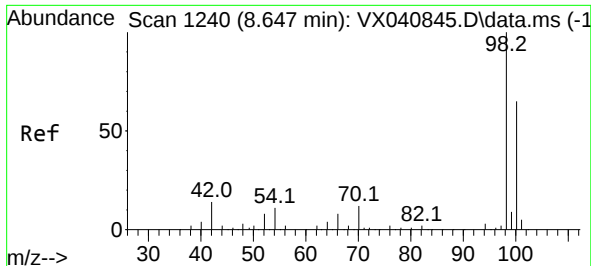
Tgt Ion:114 Resp: 68476
Ion Ratio Lower Upper
114 100
63 24.1 0.0 45.0
88 17.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.019 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040933.D
Acq: 08 Apr 2024 16:31

Tgt Ion:113 Resp: 24260
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 18.3 13.3 19.9

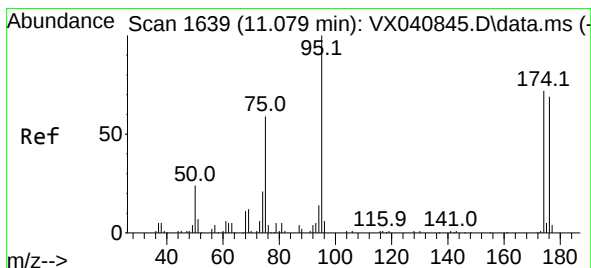
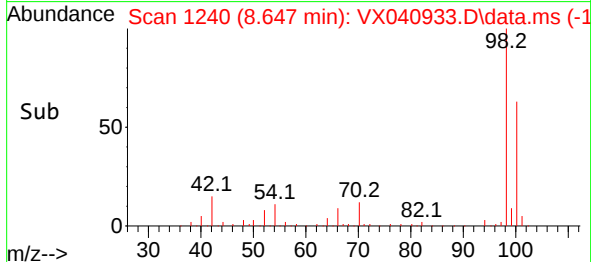
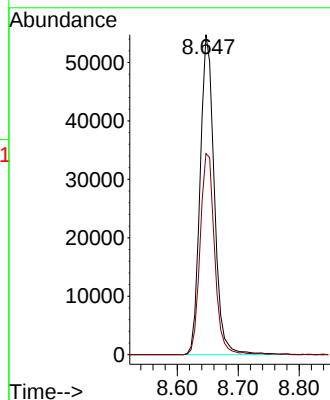
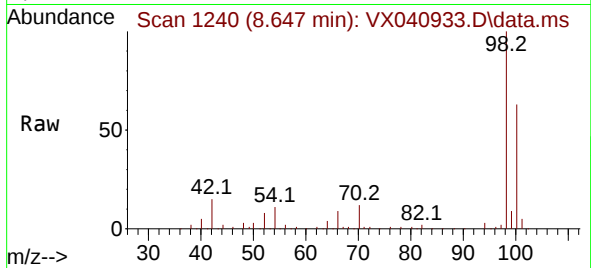




#50
Toluene-d8
Concen: 50.392 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040933.D
Acq: 08 Apr 2024 16:31

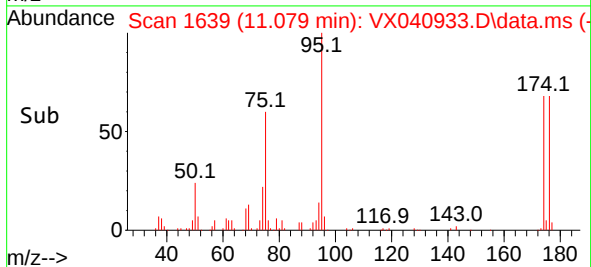
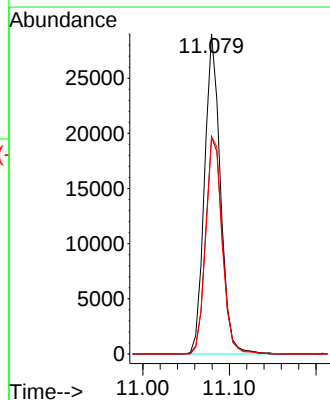
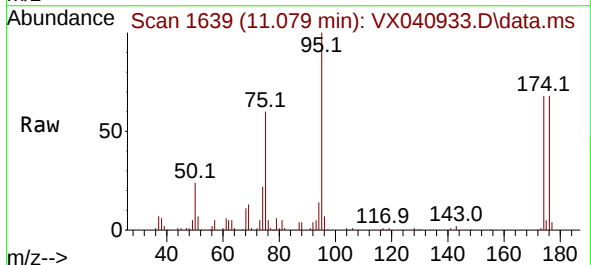
Instrument :
MSVOA_X
ClientSampleId :
IBLK

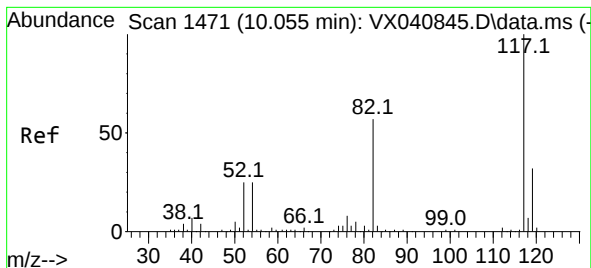
Tgt Ion: 98 Resp: 88317
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 52.754 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040933.D
Acq: 08 Apr 2024 16:31

Tgt Ion: 95 Resp: 36922
Ion Ratio Lower Upper
95 100
174 71.5 0.0 135.6
176 70.2 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: VX040933.D

Acq: 08 Apr 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

IBLK

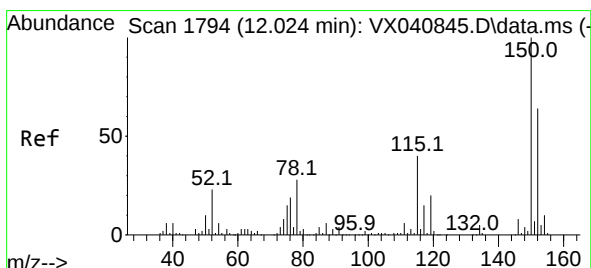
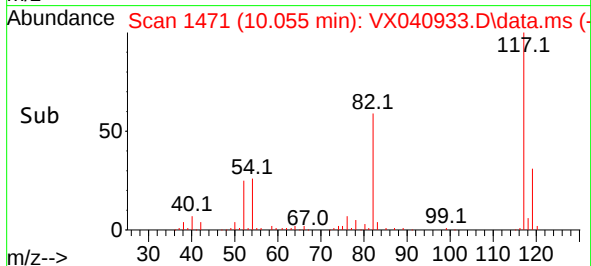
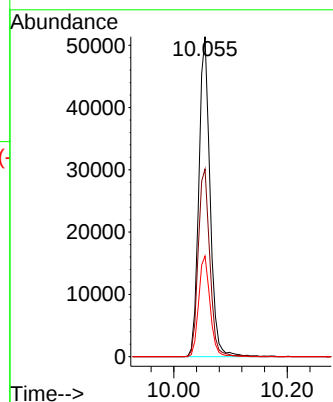
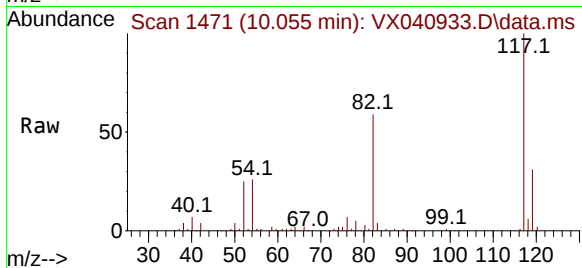
Tgt Ion:117 Resp: 70539

Ion Ratio Lower Upper

117 100

82 58.6 46.2 69.4

119 31.5 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: VX040933.D

Acq: 08 Apr 2024 16:31

Tgt Ion:152 Resp: 36208

Ion Ratio Lower Upper

152 100

115 66.1 43.3 129.9

150 159.5 0.0 345.0

