

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110723\
 Data File : VX038638.D
 Acq On : 07 Nov 2023 17:38
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Nov 08 03:21:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	272071	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	438514	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	437330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	243009	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149933	44.265	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.520%
35) Dibromofluoromethane	5.385	113	141741	44.879	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.760%
50) Toluene-d8	8.646	98	514795	45.550	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.100%#
62) 4-Bromofluorobenzene	11.079	95	213509	48.726	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.460%

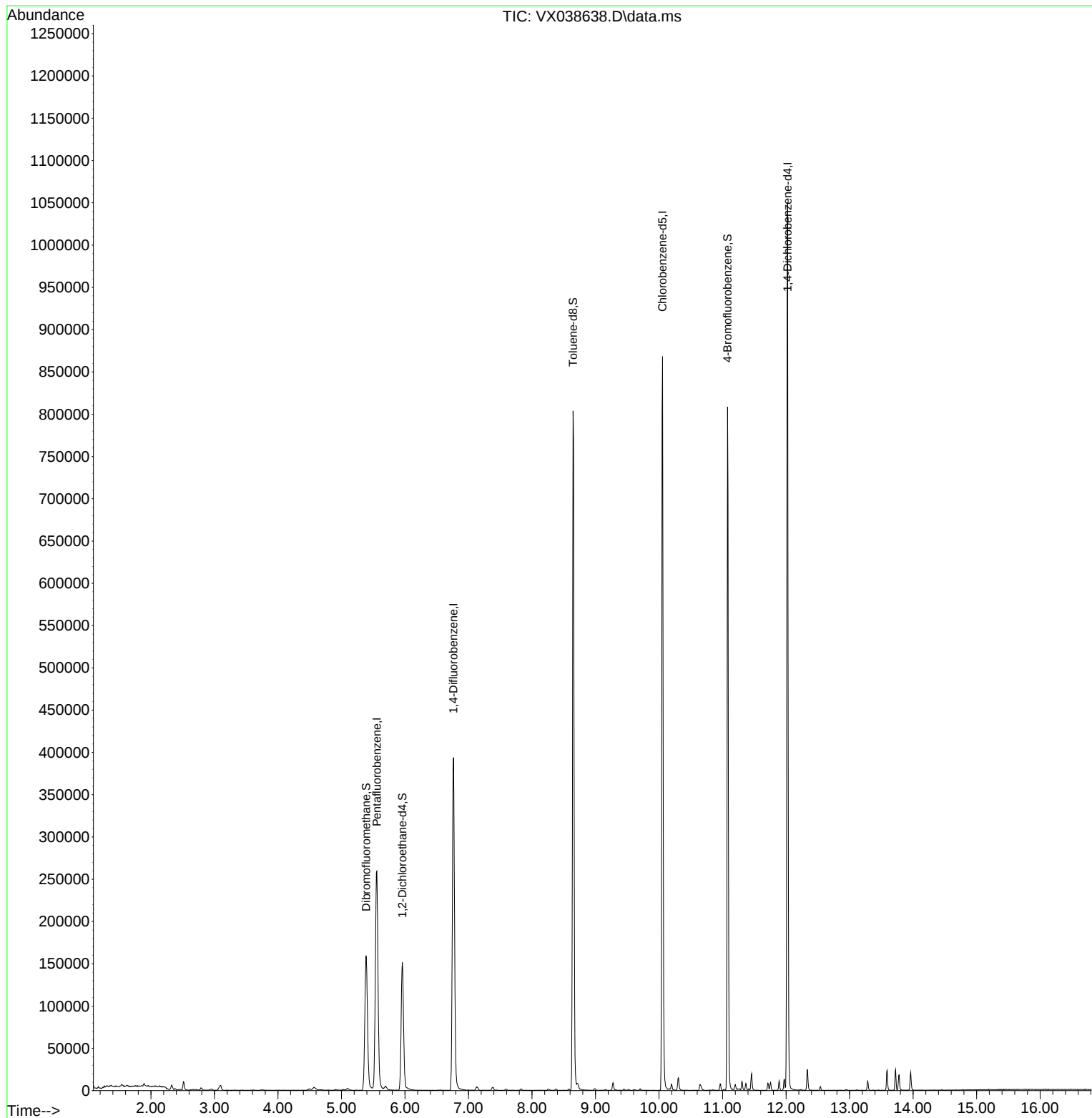
Target Compounds	Qvalue

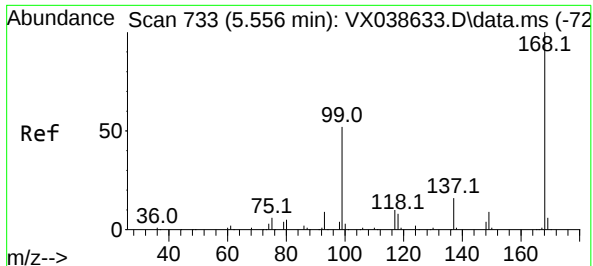
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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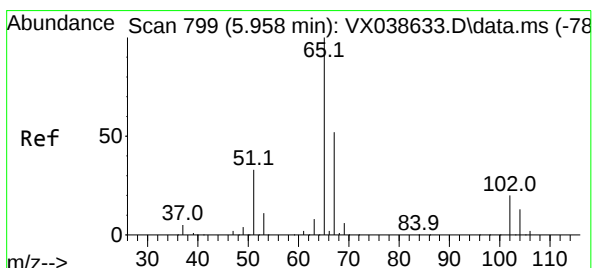
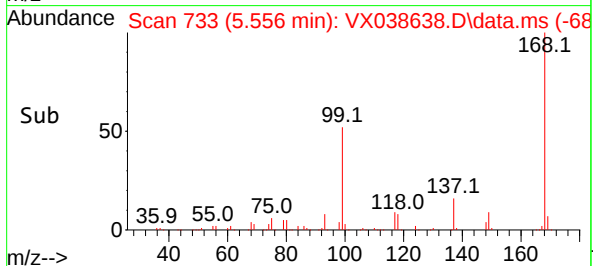
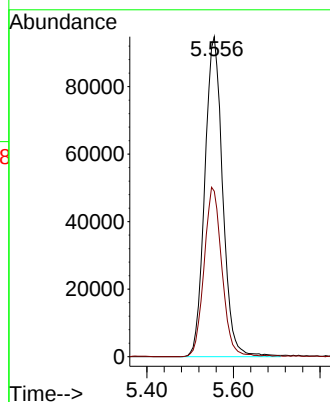
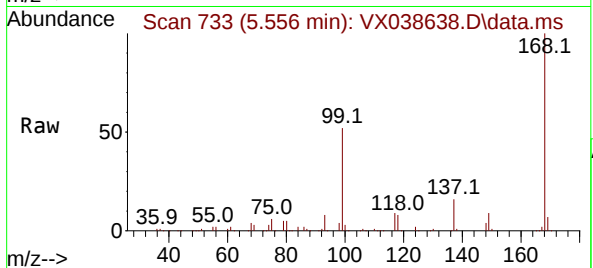




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

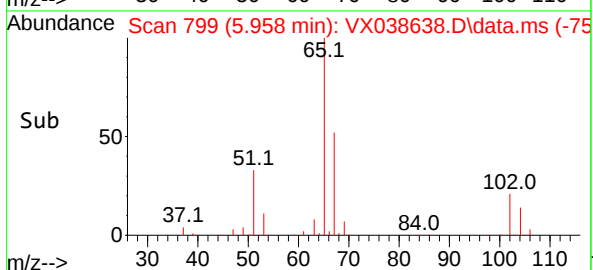
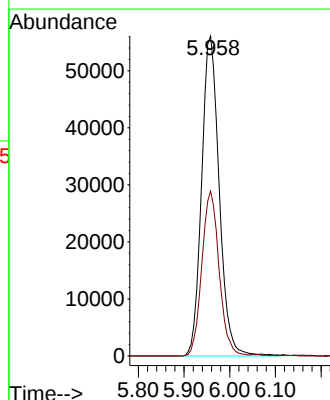
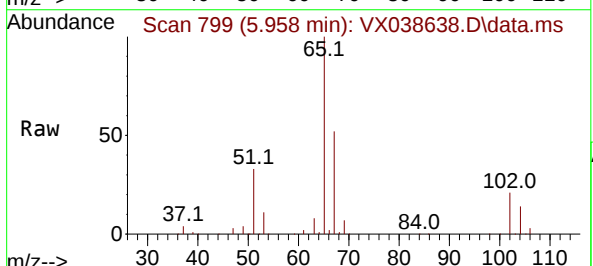
Instrument :
MSVOA_X
ClientSampleId :
IBLK

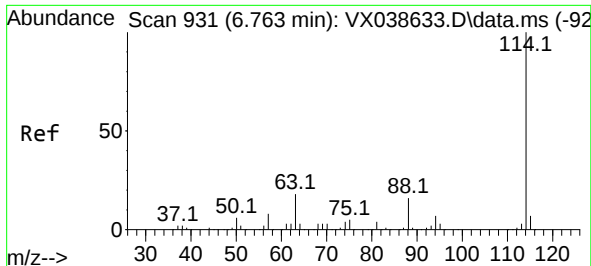
Tgt Ion:168 Resp: 272071
Ion Ratio Lower Upper
168 100
99 51.7 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 44.265 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

Tgt Ion: 65 Resp: 149933
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.2

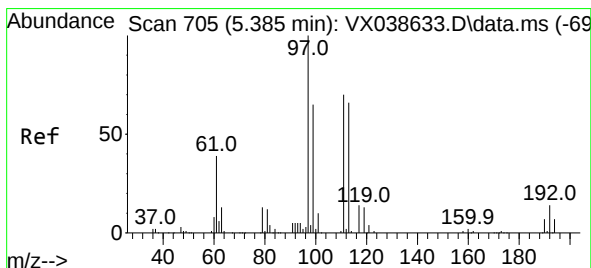
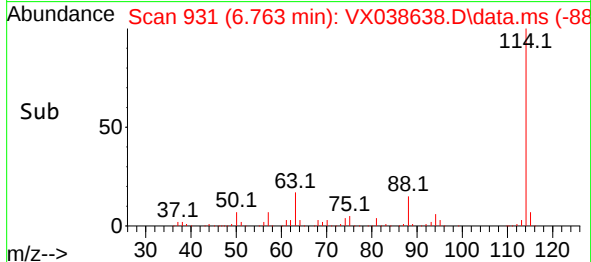
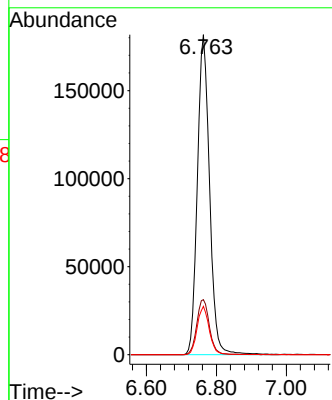
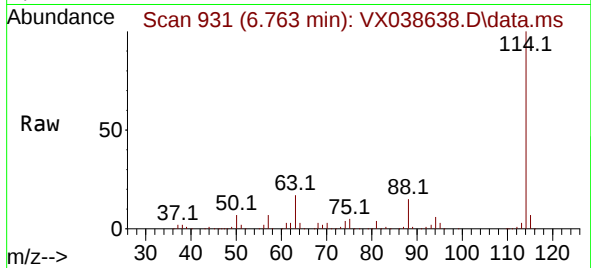




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX038638.D
 Acq: 07 Nov 2023 17:38

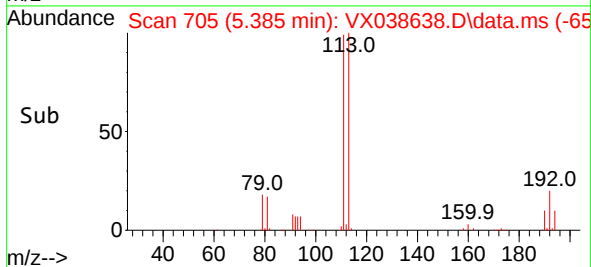
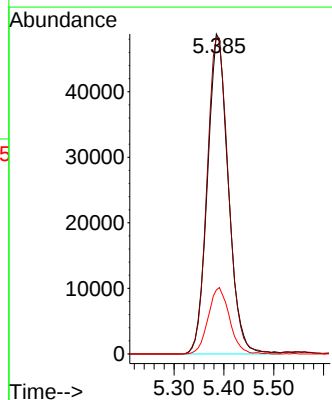
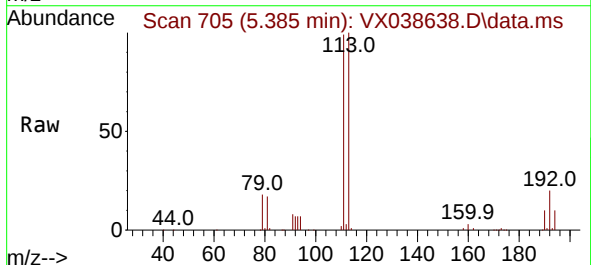
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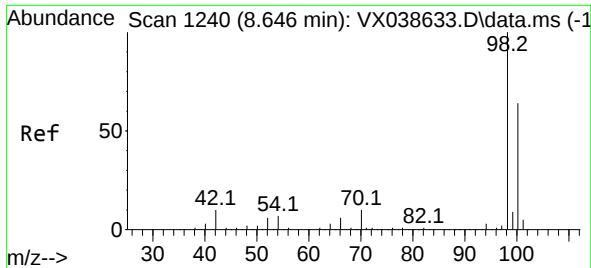
Tgt Ion:114 Resp: 438514
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 45.0
 88 15.1 0.0 36.6



#35
 Dibromofluoromethane
 Concen: 44.879 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX038638.D
 Acq: 07 Nov 2023 17:38

Tgt Ion:113 Resp: 141741
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.9 124.3
 192 21.2 13.3 19.9#

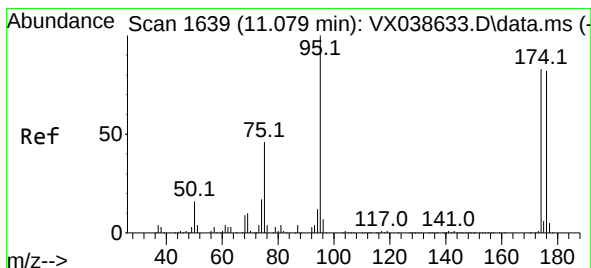
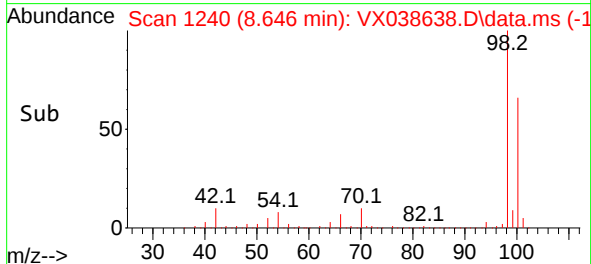
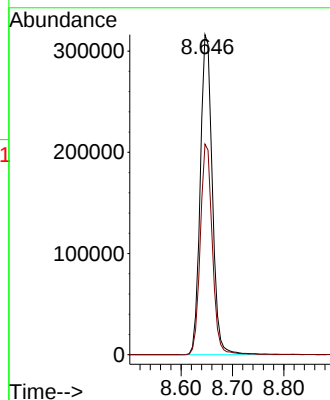
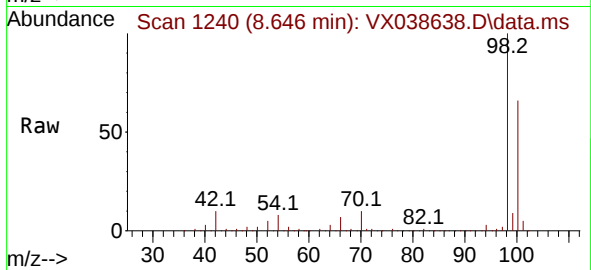




#50
Toluene-d8
Concen: 45.550 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

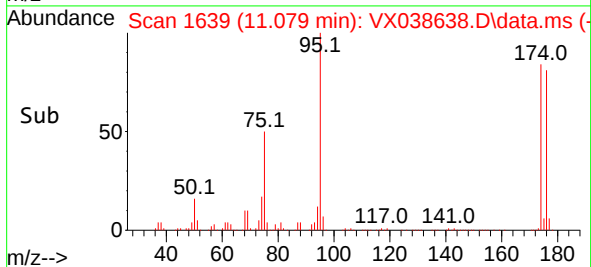
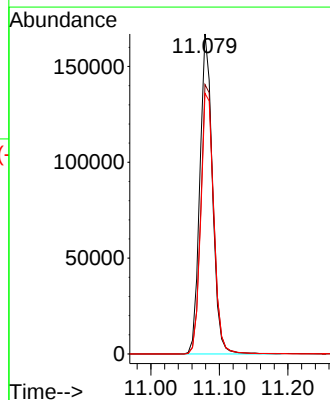
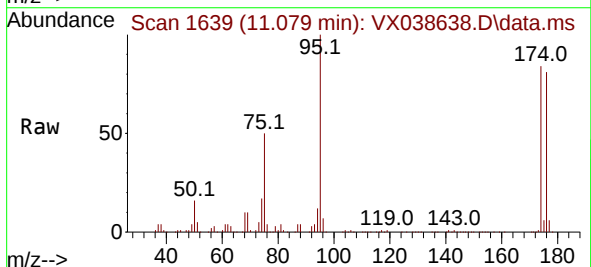
Instrument :
MSVOA_X
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IBLK

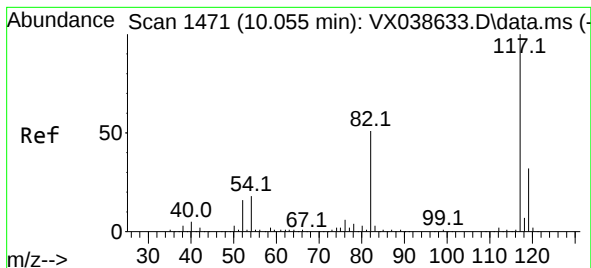
Tgt Ion: 98 Resp: 514795
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.726 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

Tgt Ion: 95 Resp: 213509
Ion Ratio Lower Upper
95 100
174 87.1 0.0 135.6
176 84.5 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: VX038638.D

Acq: 07 Nov 2023 17:38

Instrument :

MSVOA_X

ClientSampleId :

IBLK

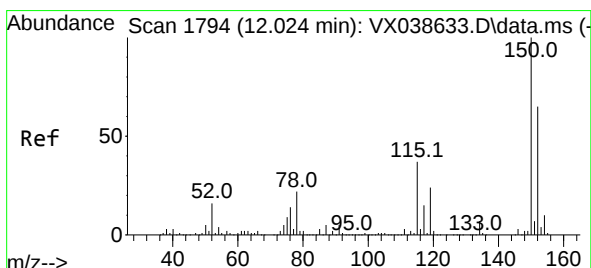
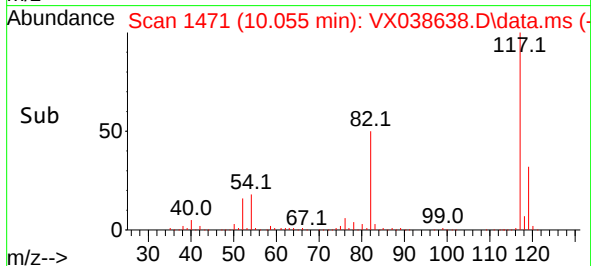
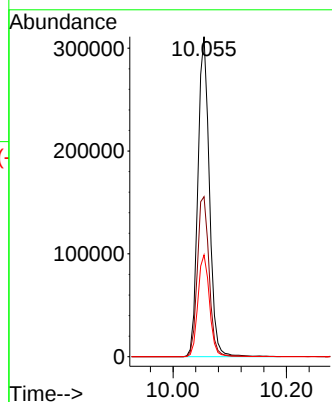
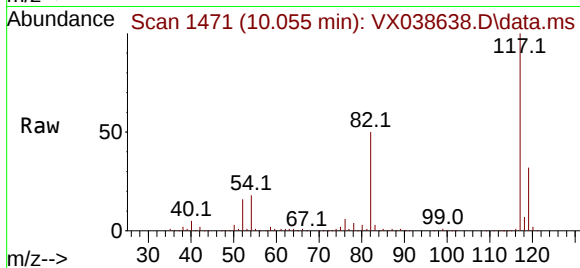
Tgt Ion:117 Resp: 437330

Ion Ratio Lower Upper

117 100

82 50.0 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: VX038638.D

Acq: 07 Nov 2023 17:38

Tgt Ion:152 Resp: 243009

Ion Ratio Lower Upper

152 100

115 57.9 43.3 129.9

150 154.8 0.0 345.0

