

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038836.D
 Acq On : 16 Nov 2023 12:29
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Nov 16 22:45:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 15:22:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	142046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	286035	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	282361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137299	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	103390	45.171	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.340%
35) Dibromofluoromethane	5.385	113	91281	44.186	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.380%
50) Toluene-d8	8.647	98	362195	45.825	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.640%#
62) 4-Bromofluorobenzene	11.079	95	147666	46.671	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.340%

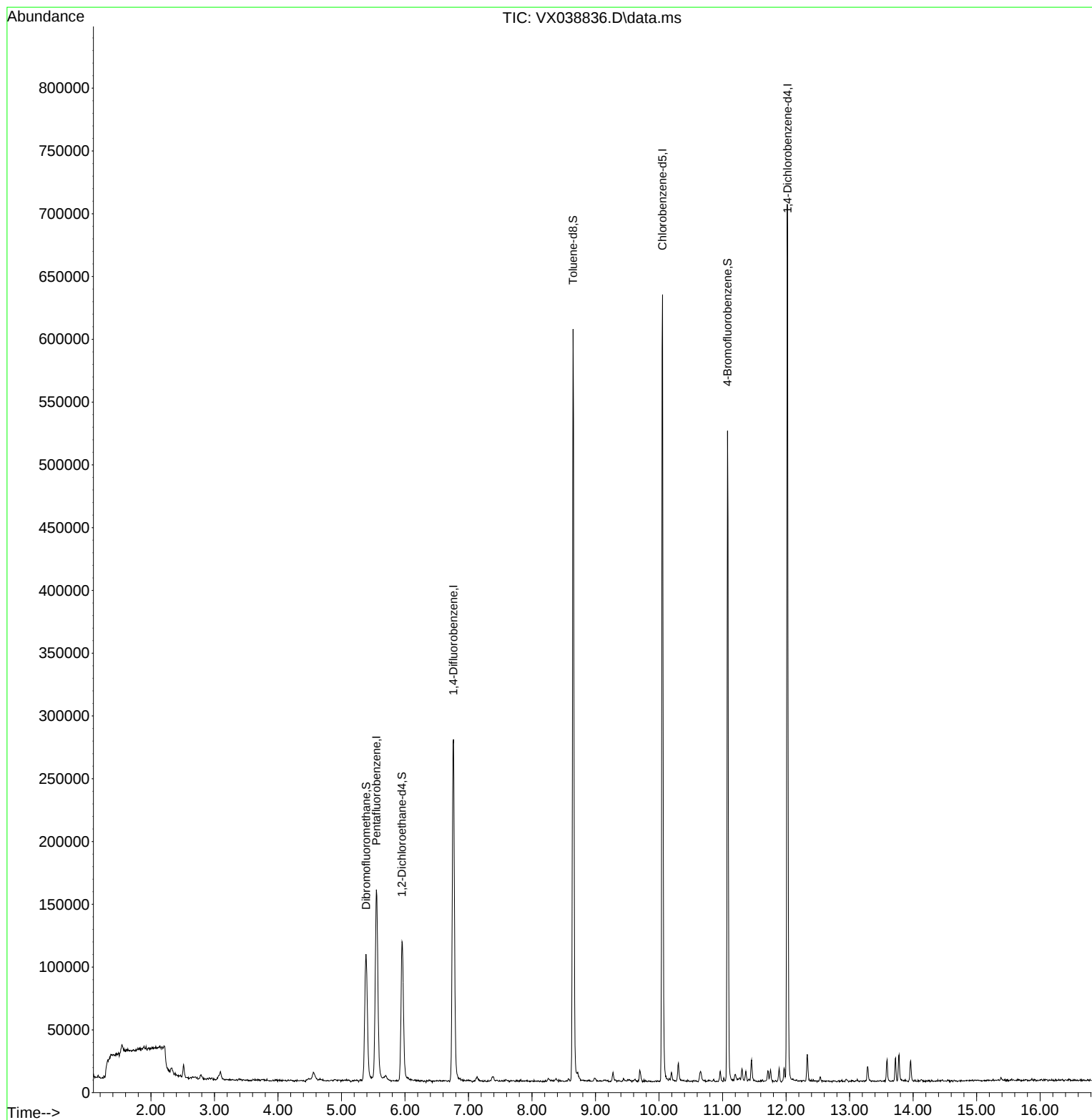
Target Compounds	Qvalue

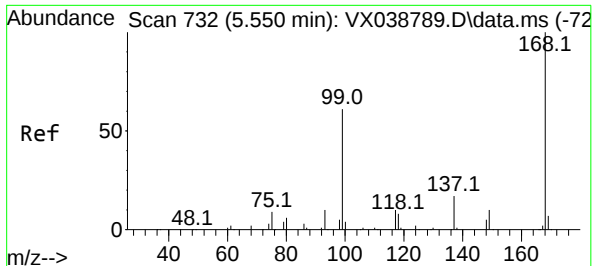
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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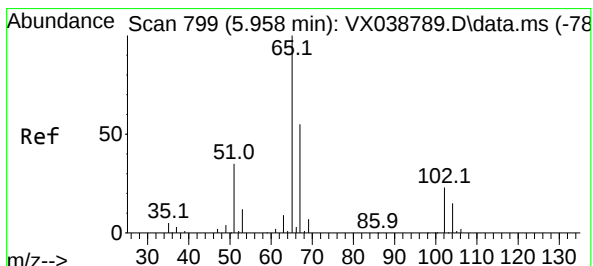
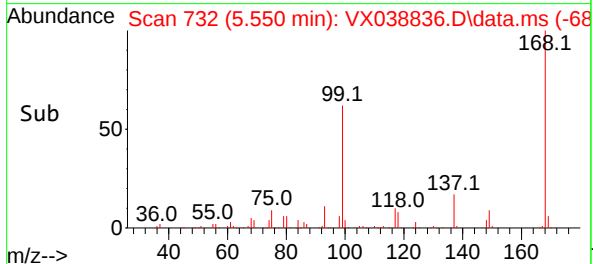
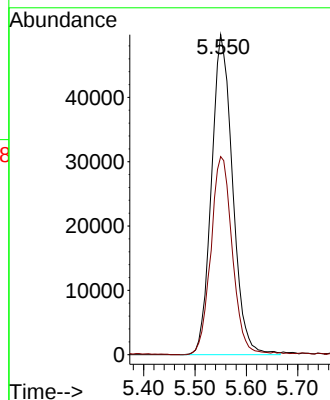
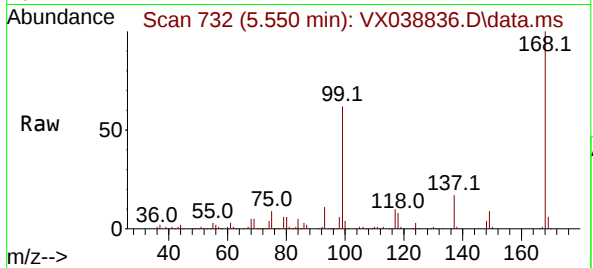




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 714
Delta R.T. -0.000 min
Lab File: VX038836.D
Acq: 16 Nov 2023 12:29

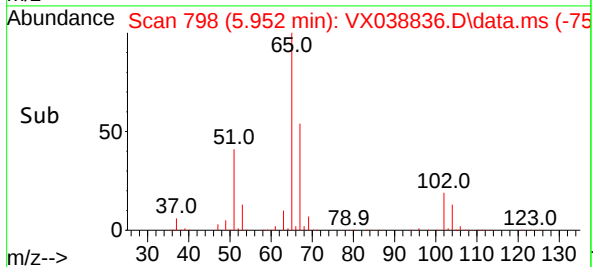
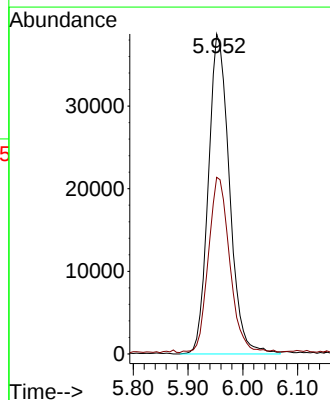
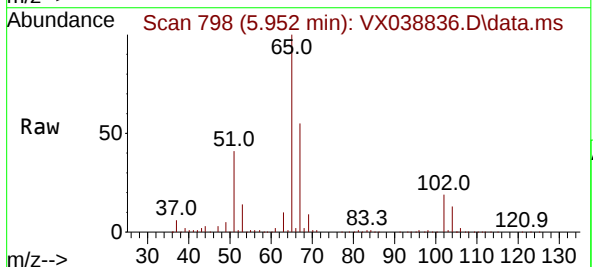
Instrument :
MSVOA_X
ClientSampleId :
IBLK

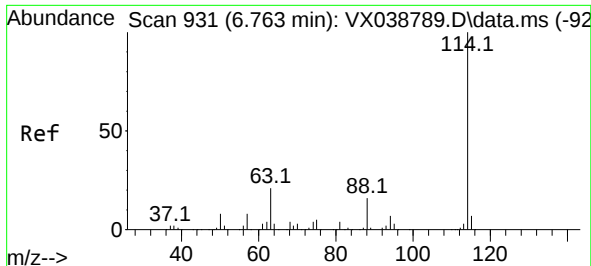
Tgt Ion:168 Resp: 142046
Ion Ratio Lower Upper
168 100
99 61.9 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 45.171 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038836.D
Acq: 16 Nov 2023 12:29

Tgt Ion: 65 Resp: 103390
Ion Ratio Lower Upper
65 100
67 55.6 0.0 100.2

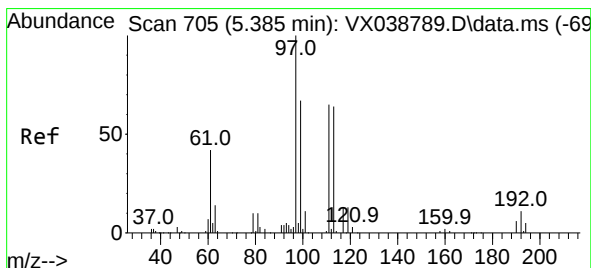
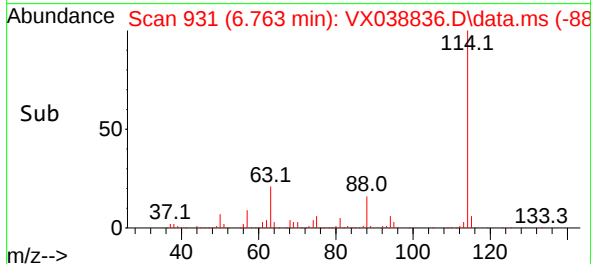
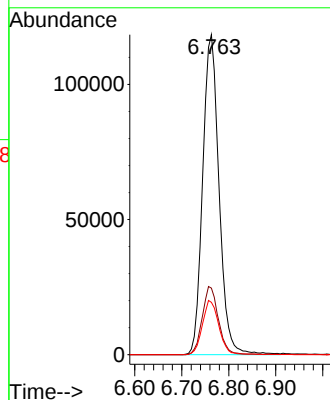
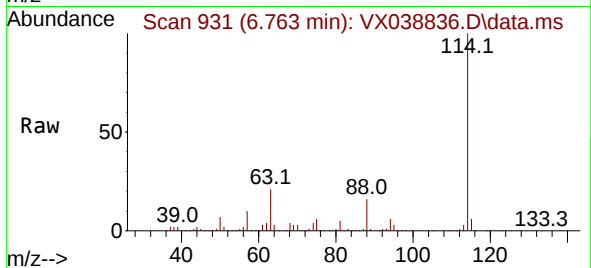




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038836.D
Acq: 16 Nov 2023 12:29

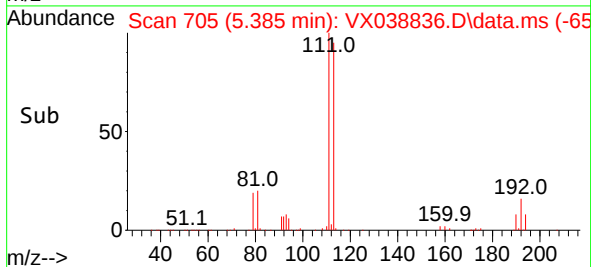
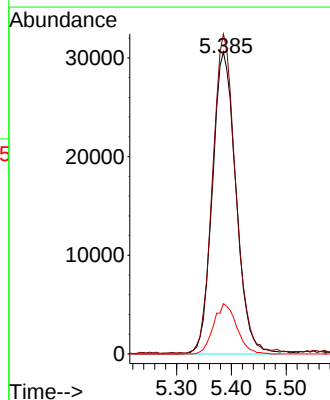
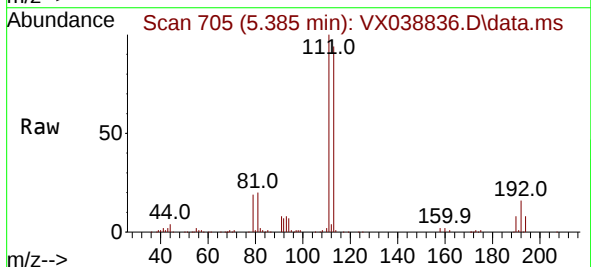
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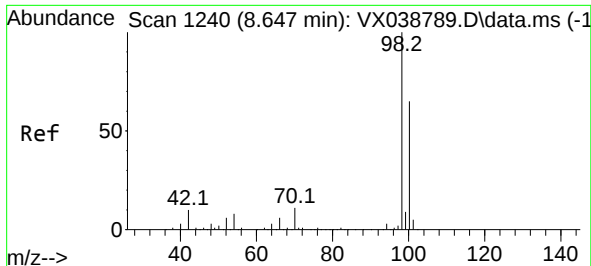
Tgt Ion:114 Resp: 286035
Ion Ratio Lower Upper
114 100
63 20.8 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.186 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038836.D
Acq: 16 Nov 2023 12:29

Tgt Ion:113 Resp: 91281
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 16.3 13.3 19.9

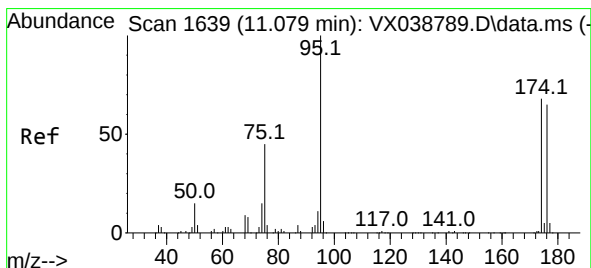
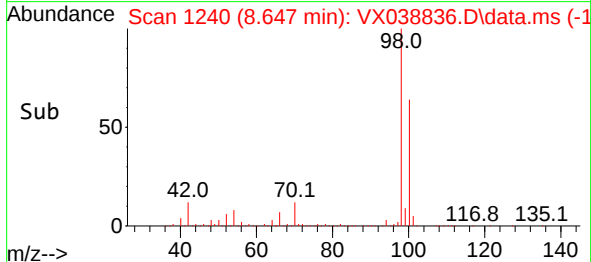
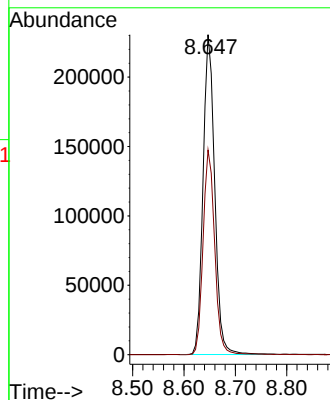
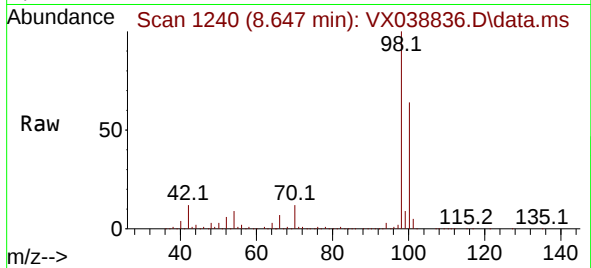




#50
Toluene-d8
Concen: 45.825 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038836.D
Acq: 16 Nov 2023 12:29

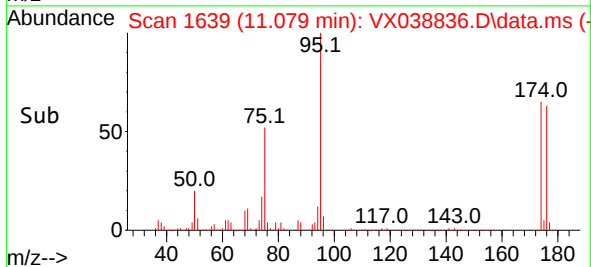
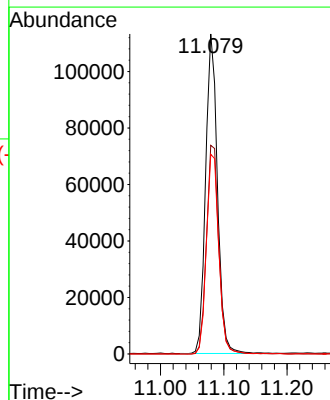
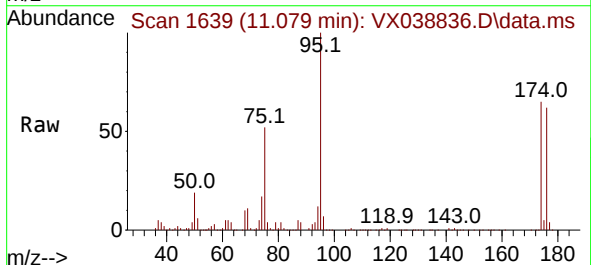
Instrument :
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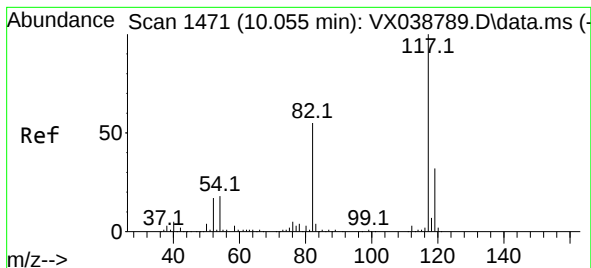
Tgt Ion: 98 Resp: 362195
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.671 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038836.D
Acq: 16 Nov 2023 12:29

Tgt Ion: 95 Resp: 147666
Ion Ratio Lower Upper
95 100
174 68.0 0.0 135.6
176 65.2 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: VX038836.D

Acq: 16 Nov 2023 12:29

Instrument :

MSVOA_X

ClientSampleId :

IBLK

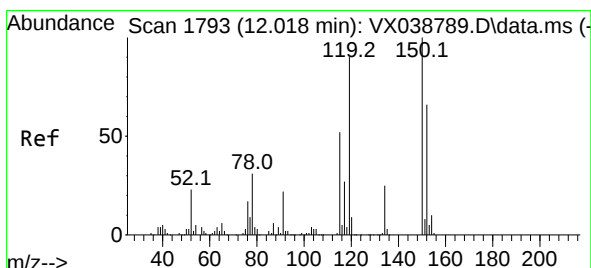
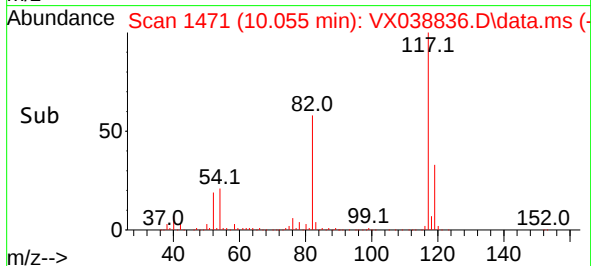
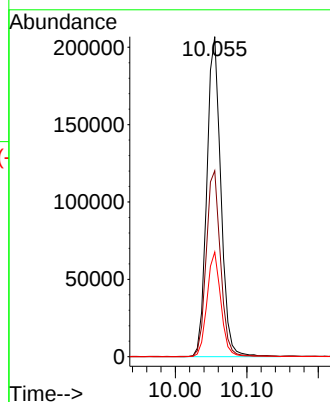
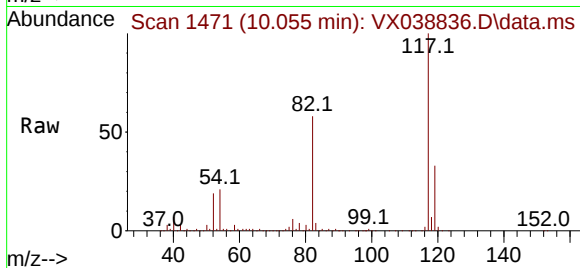
Tgt Ion:117 Resp: 282361

Ion Ratio Lower Upper

117 100

82 58.0 46.2 69.4

119 32.7 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: VX038836.D

Acq: 16 Nov 2023 12:29

Tgt Ion:152 Resp: 137299

Ion Ratio Lower Upper

152 100

115 65.2 43.3 129.9

150 157.8 0.0 345.0

