

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091123\
 Data File : VX037644.D
 Acq On : 11 Sep 2023 16:11
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Sep 12 09:29:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 09:13:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	130141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224700	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82906	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93128	44.229	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.460%
35) Dibromofluoromethane	5.385	113	72690	45.640	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.280%
50) Toluene-d8	8.647	98	282170	46.975	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.960%
62) 4-Bromofluorobenzene	11.079	95	89413	41.260	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.520%#

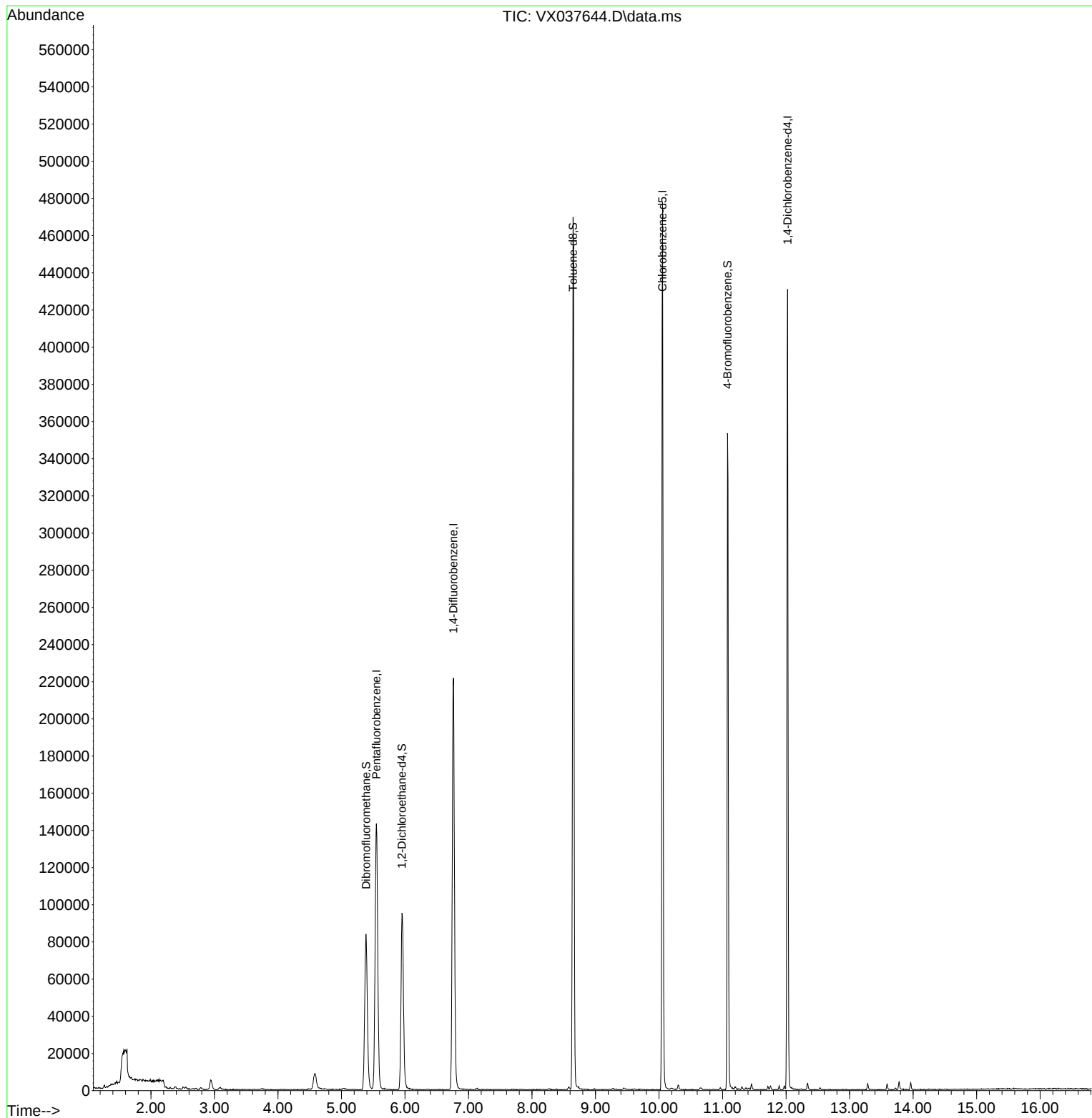
Target Compounds	Qvalue

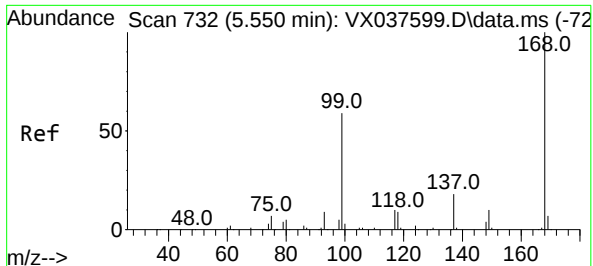
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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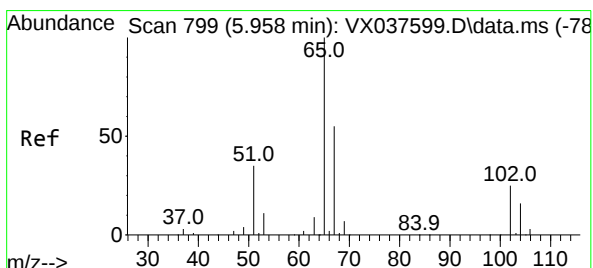
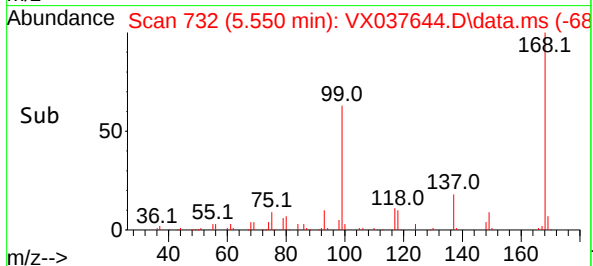
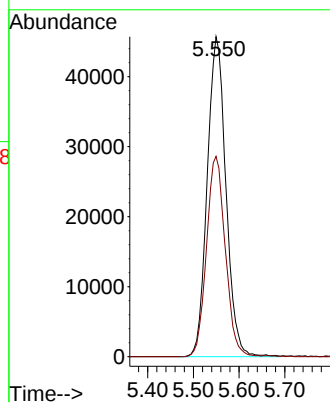
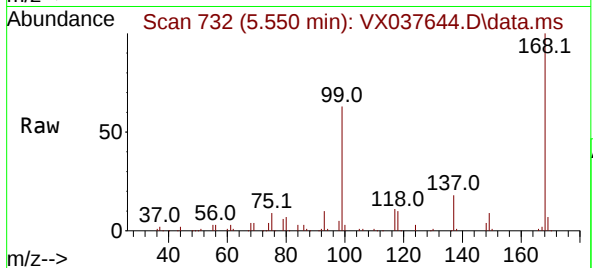




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037644.D
Acq: 11 Sep 2023 16:11

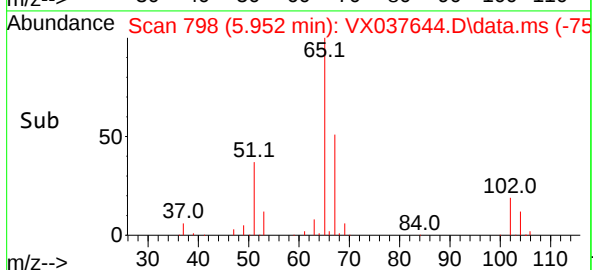
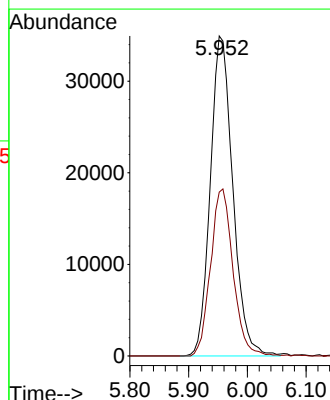
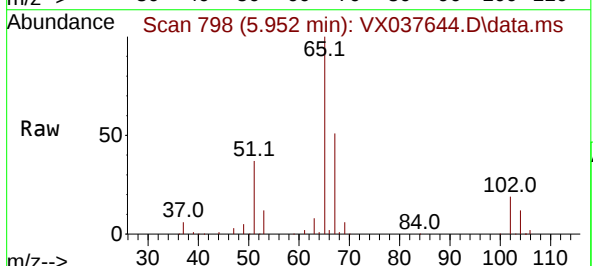
Instrument :
MSVOA_X
ClientSampleId :
IBLK

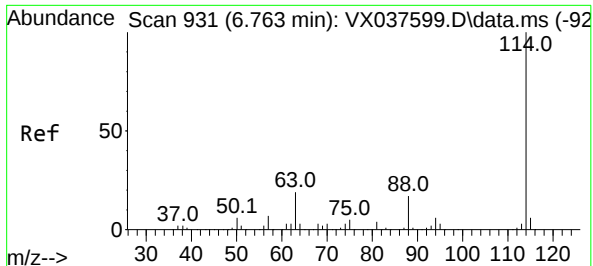
Tgt Ion:168 Resp: 130141
Ion Ratio Lower Upper
168 100
99 62.6 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 44.229 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037644.D
Acq: 11 Sep 2023 16:11

Tgt Ion: 65 Resp: 93128
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

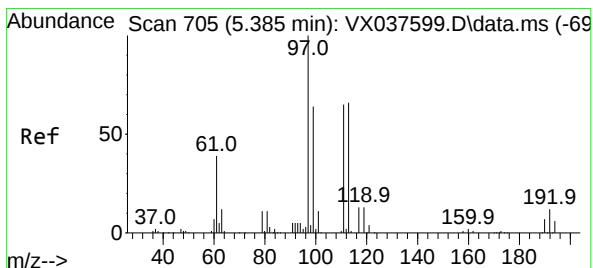
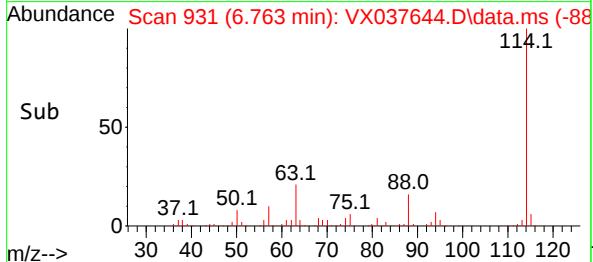
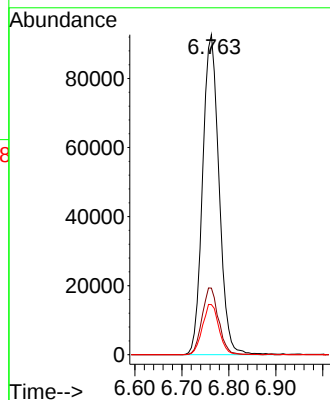
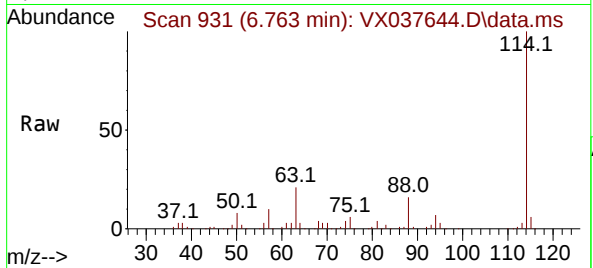




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037644.D
Acq: 11 Sep 2023 16:11

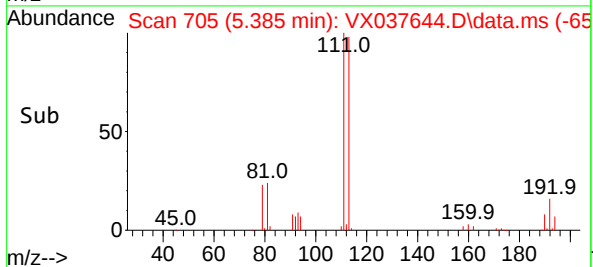
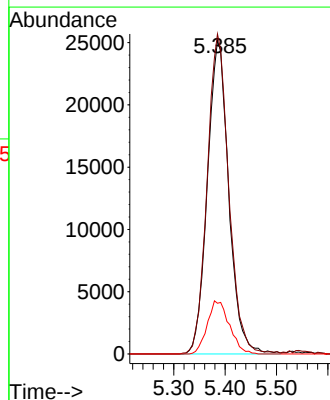
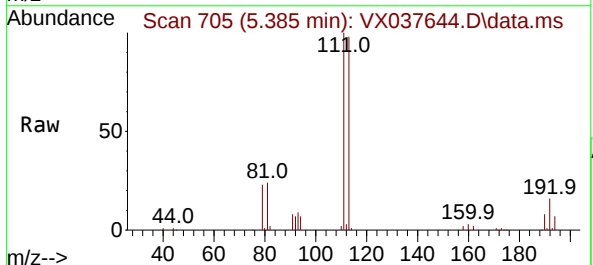
Instrument :
MSVOA_X
ClientSampleId :
IBLK

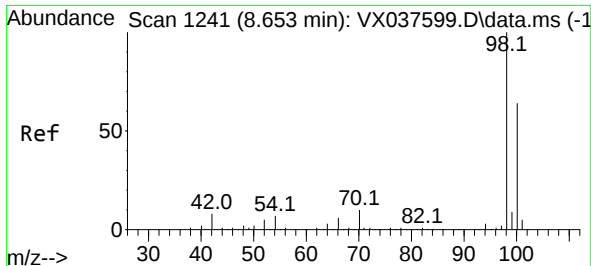
Tgt Ion:114 Resp: 224700
Ion Ratio Lower Upper
114 100
63 20.8 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.640 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037644.D
Acq: 11 Sep 2023 16:11

Tgt Ion:113 Resp: 72690
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 17.5 13.3 19.9





#50

Toluene-d8

Concen: 46.975 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX037644.D

Acq: 11 Sep 2023 16:11

Instrument :

MSVOA_X

ClientSampleId :

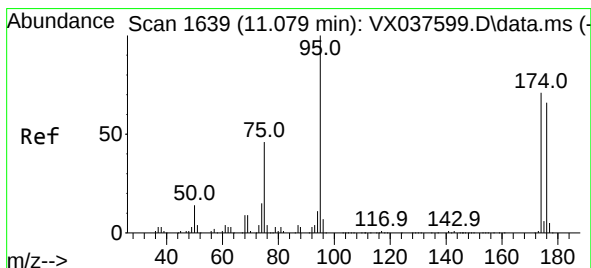
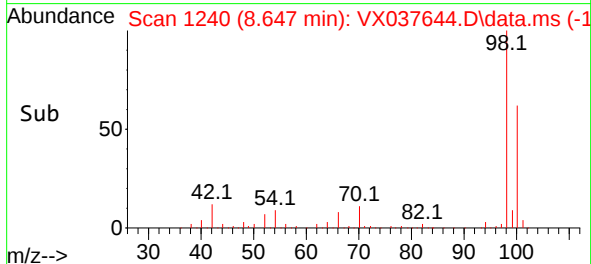
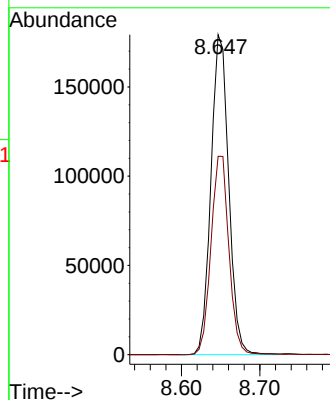
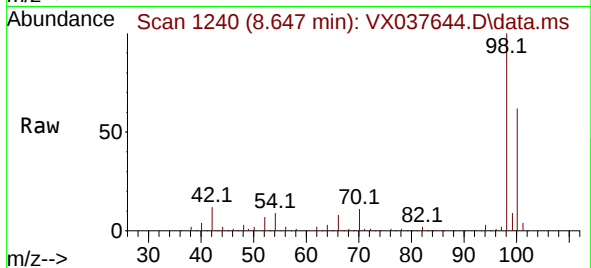
IBLK

Tgt Ion: 98 Resp: 282170

Ion Ratio Lower Upper

98 100

100 62.9 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 41.260 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX037644.D

Acq: 11 Sep 2023 16:11

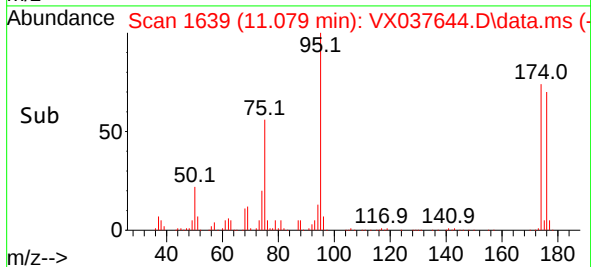
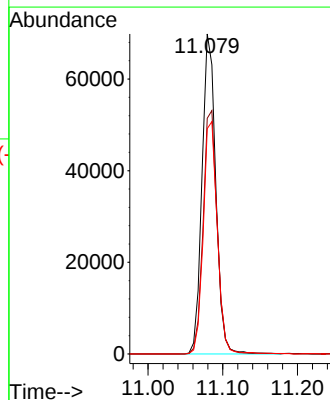
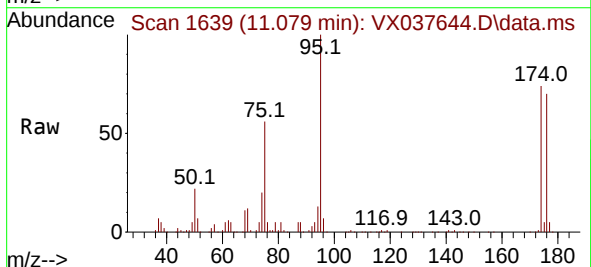
Tgt Ion: 95 Resp: 89413

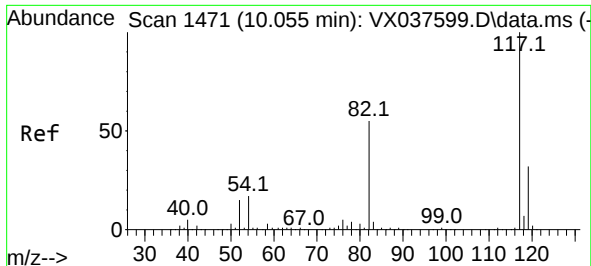
Ion Ratio Lower Upper

95 100

174 77.7 0.0 135.6

176 74.3 0.0 131.0

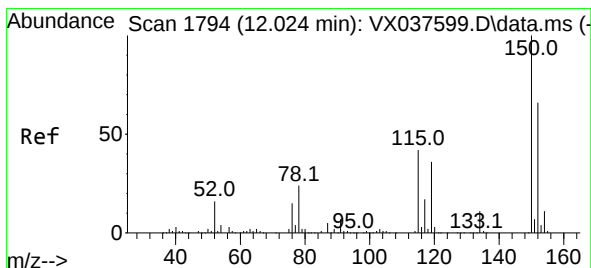
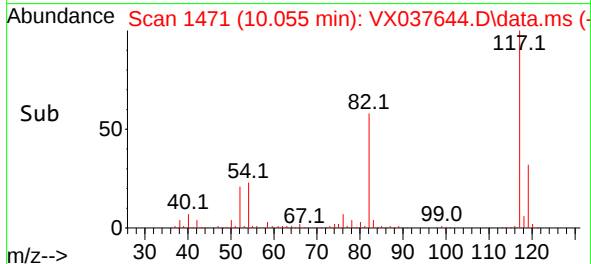
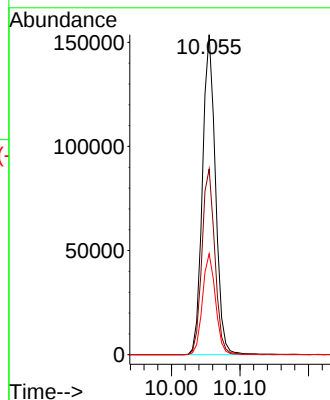
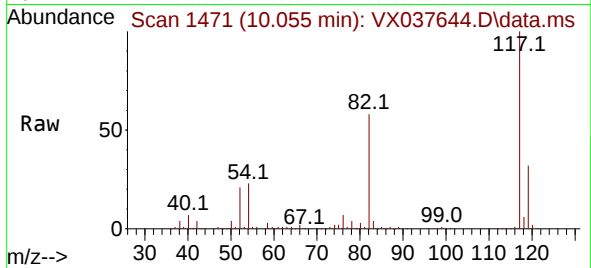




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037644.D
Acq: 11 Sep 2023 16:11

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 203525
Ion Ratio Lower Upper
117 100
82 58.1 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: VX037644.D
Acq: 11 Sep 2023 16:11

Tgt Ion:152 Resp: 82906
Ion Ratio Lower Upper
152 100
115 62.1 43.3 129.9
150 157.3 0.0 345.0

