

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092623\
 Data File : VX037905.D
 Acq On : 26 Sep 2023 13:11
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Sep 27 01:14:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	210888	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	359104	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	341363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	177796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	129998	46.918	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.840%
35) Dibromofluoromethane	5.391	113	112716	46.911	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.820%
50) Toluene-d8	8.647	98	432289	48.420	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.840%
62) 4-Bromofluorobenzene	11.079	95	160253	49.397	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.800%

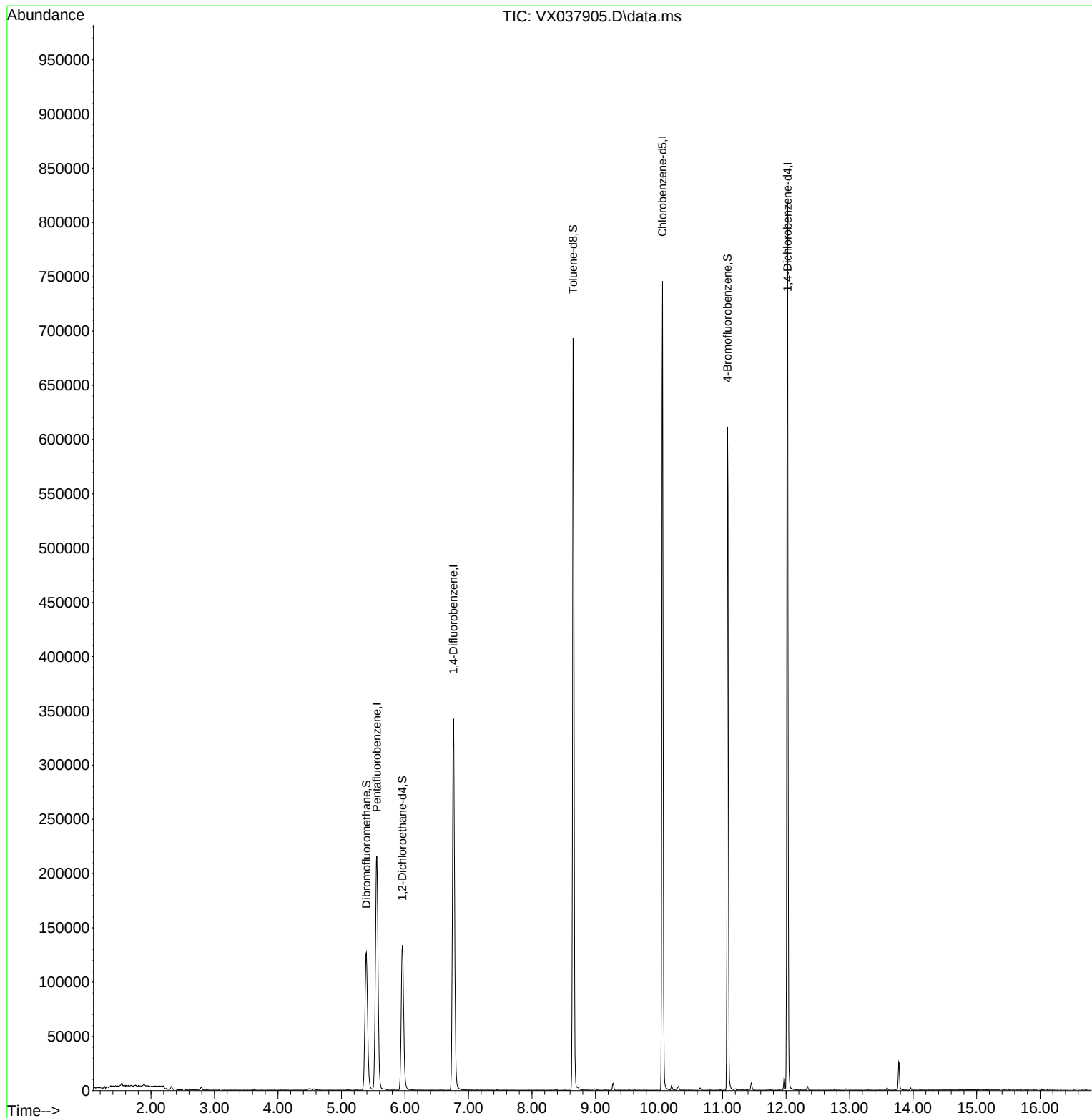
Target Compounds	Qvalue

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

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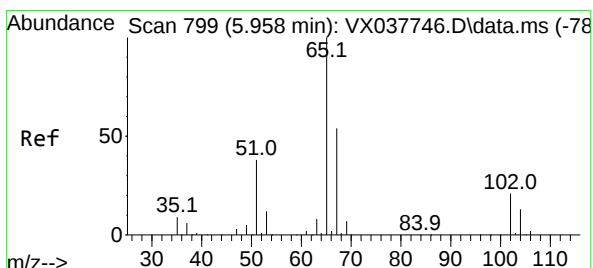
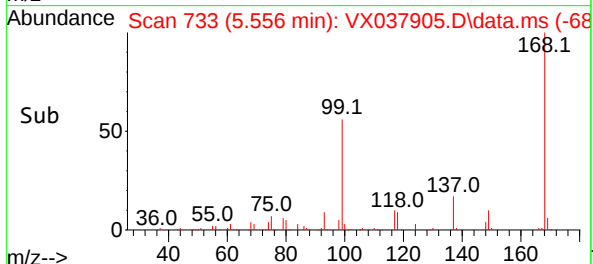
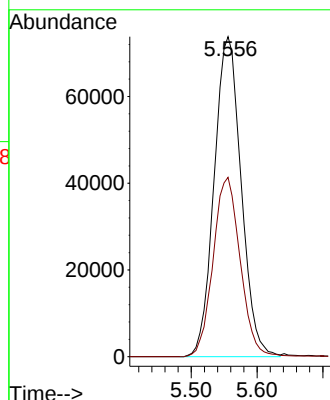
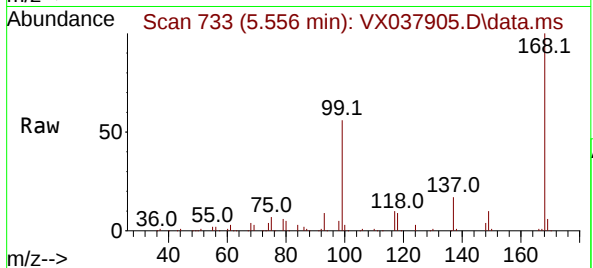




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.006 min
Lab File: VX037905.D
Acq: 26 Sep 2023 13:11

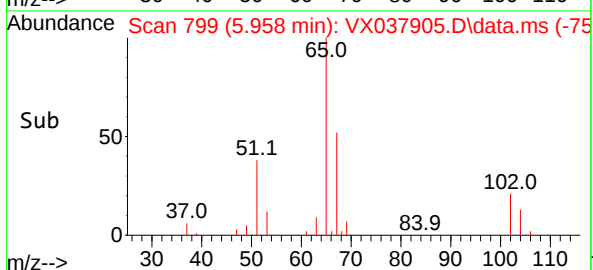
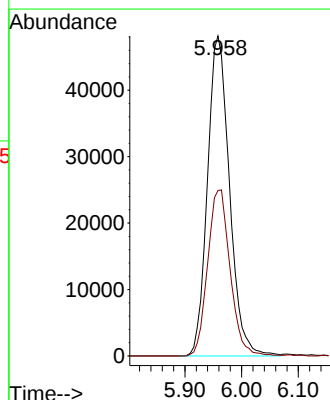
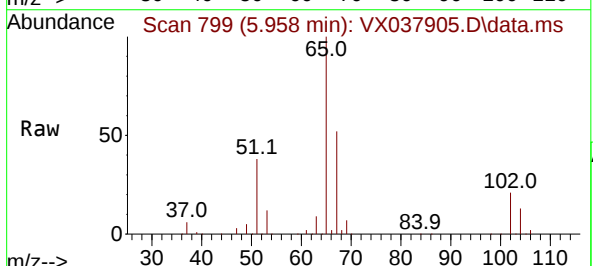
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 210888
Ion Ratio Lower Upper
168 100
99 56.0 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 46.918 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037905.D
Acq: 26 Sep 2023 13:11

Tgt Ion: 65 Resp: 129998
Ion Ratio Lower Upper
65 100
67 52.9 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: VX037905.D

Acq: 26 Sep 2023 13:11

Instrument :

MSVOA_X

ClientSampleId :

IBLK

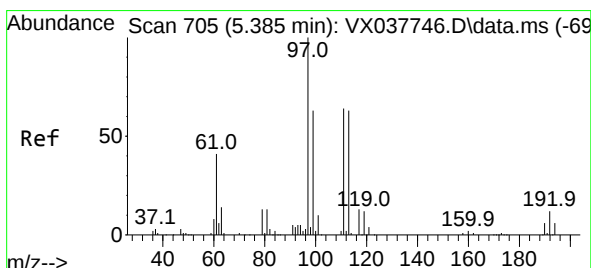
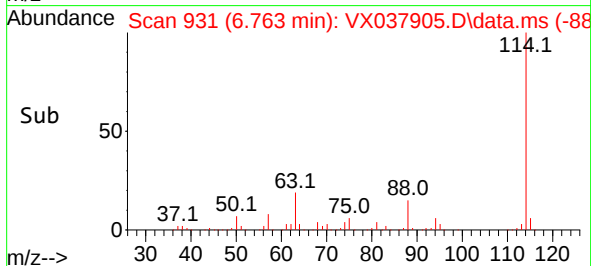
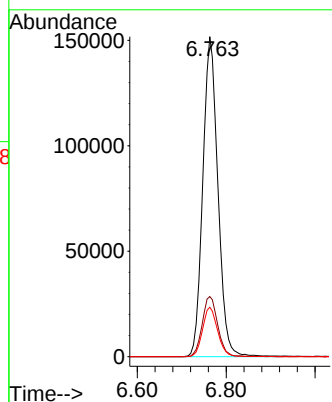
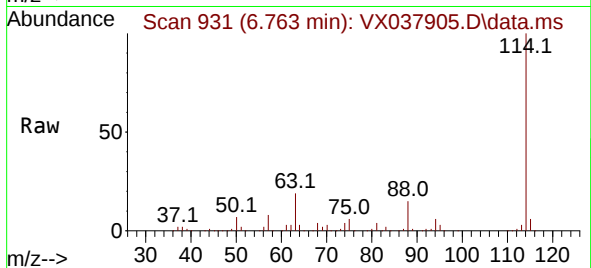
Tgt Ion:114 Resp: 359104

Ion Ratio Lower Upper

114 100

63 18.8 0.0 45.0

88 15.5 0.0 36.6



#35

Dibromofluoromethane

Concen: 46.911 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX037905.D

Acq: 26 Sep 2023 13:11

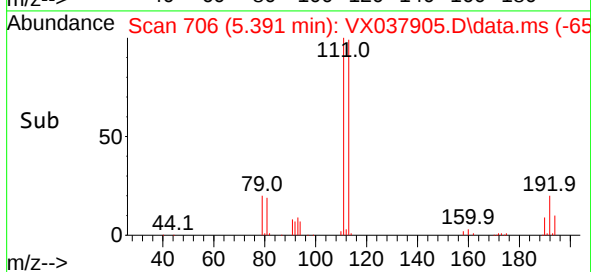
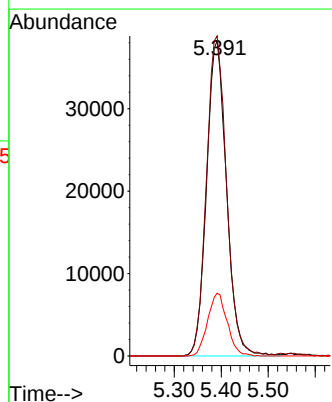
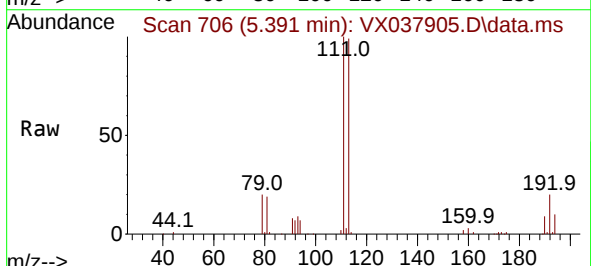
Tgt Ion:113 Resp: 112716

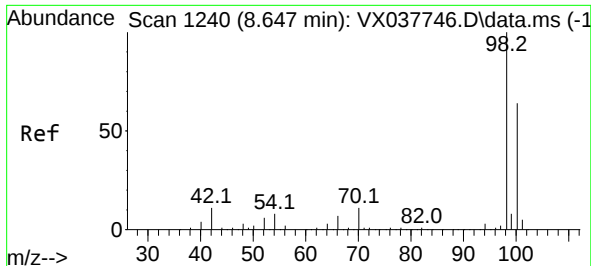
Ion Ratio Lower Upper

113 100

111 102.1 82.9 124.3

192 19.5 13.3 19.9

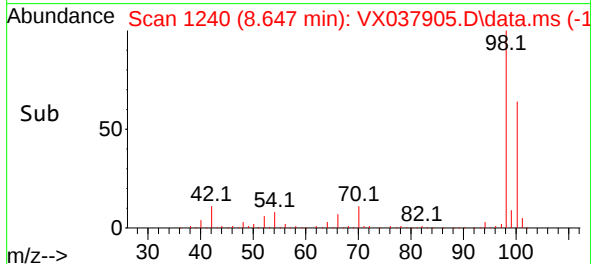
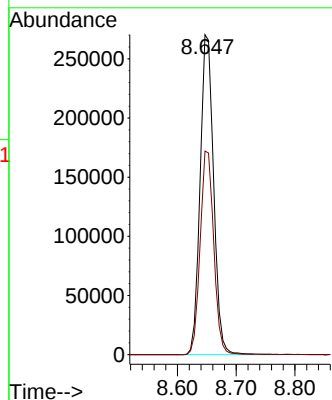
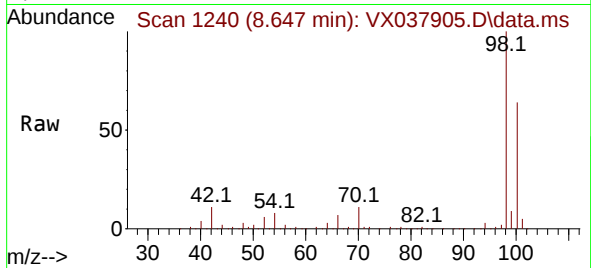




#50
Toluene-d8
Concen: 48.420 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037905.D
Acq: 26 Sep 2023 13:11

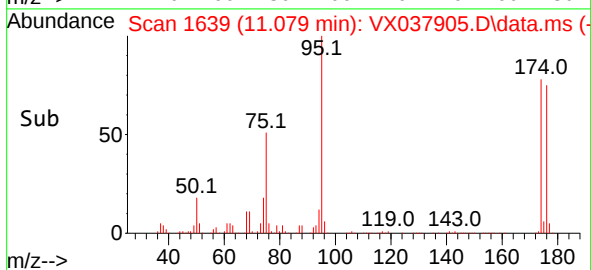
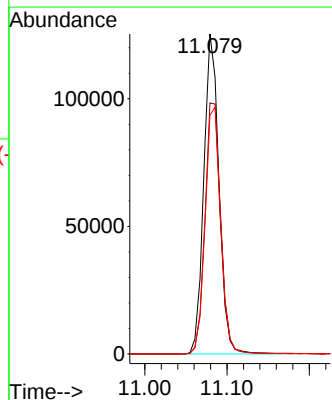
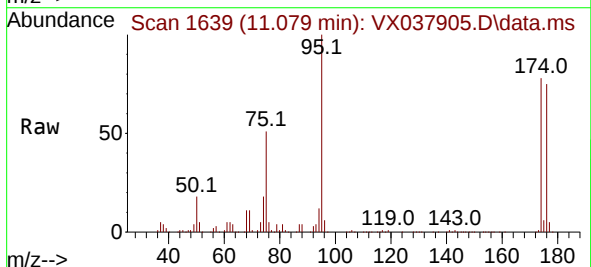
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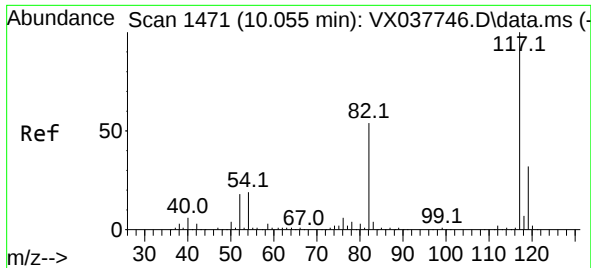
Tgt Ion: 98 Resp: 432289
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.397 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037905.D
Acq: 26 Sep 2023 13:11

Tgt Ion: 95 Resp: 160253
Ion Ratio Lower Upper
95 100
174 82.1 0.0 135.6
176 79.2 0.0 131.0

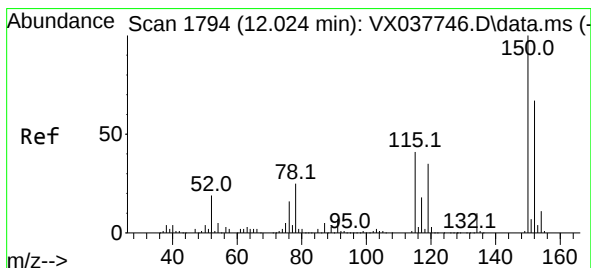
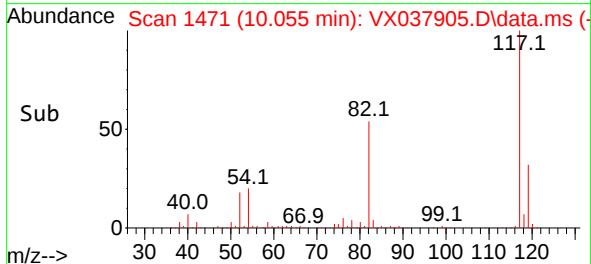
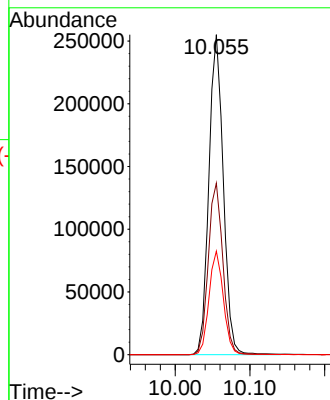
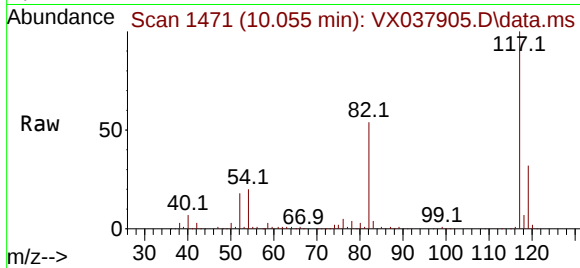




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037905.D
Acq: 26 Sep 2023 13:11

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 341363
Ion Ratio Lower Upper
117 100
82 53.6 46.2 69.4
119 32.4 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: VX037905.D
Acq: 26 Sep 2023 13:11

Tgt Ion:152 Resp: 177796
Ion Ratio Lower Upper
152 100
115 59.3 43.3 129.9
150 156.2 0.0 345.0

