

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037006.D
 Acq On : 16 Aug 2023 10:31
 Operator : JC/MD
 Sample : VX0816MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816MBL01

Quant Time: Aug 17 04:11:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	140412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	258583	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114486	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98560	47.439	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.880%
35) Dibromofluoromethane	5.385	113	82589	46.467	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.940%
50) Toluene-d8	8.647	98	307615	48.805	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.620%
62) 4-Bromofluorobenzene	11.079	95	124899	52.523	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.040%

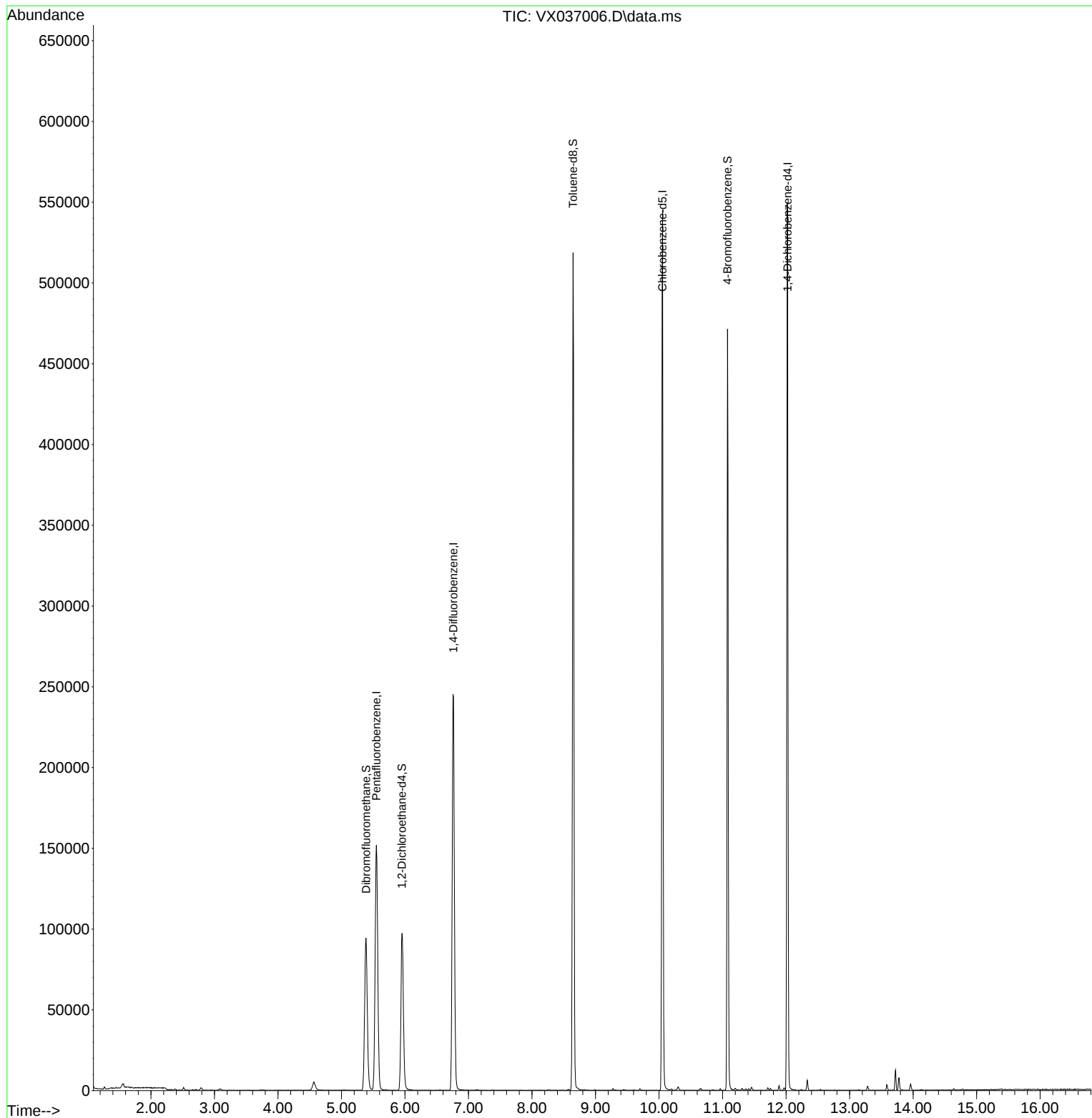
Target Compounds	Qvalue

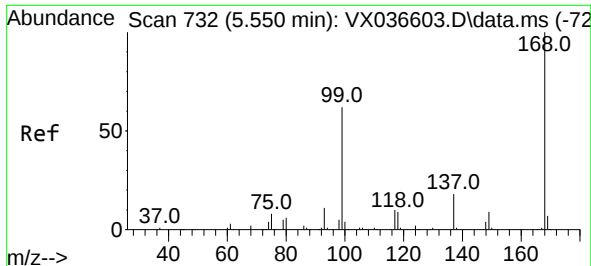
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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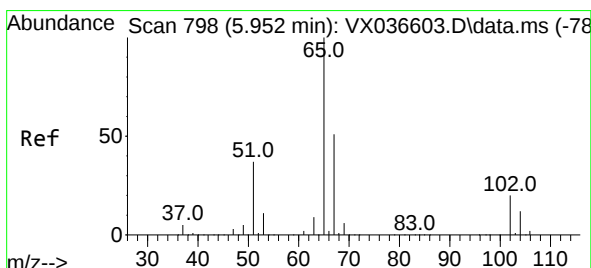
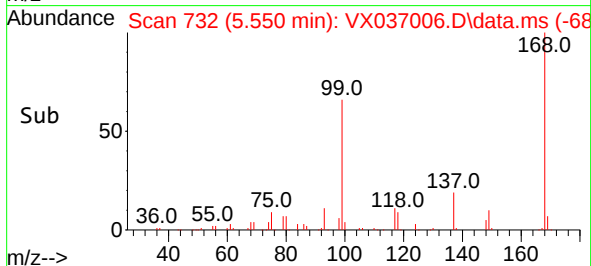
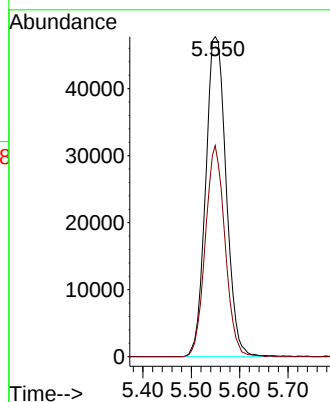
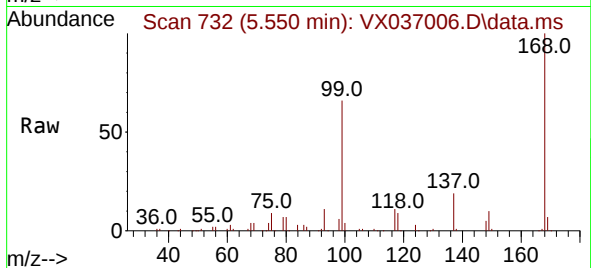




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037006.D
Acq: 16 Aug 2023 10:31

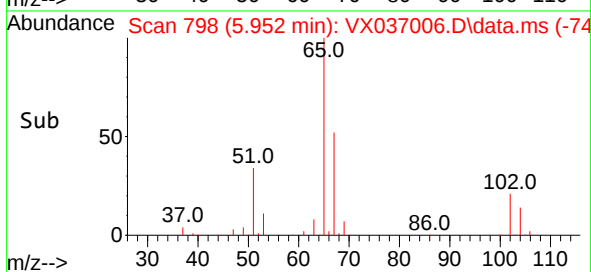
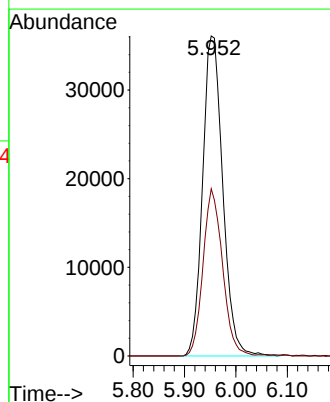
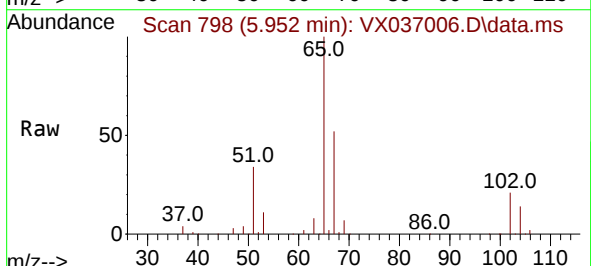
Instrument :
MSVOA_X
ClientSampleId :
VX0816MBL01

Tgt Ion:168 Resp: 140412
Ion Ratio Lower Upper
168 100
99 65.9 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 47.439 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX037006.D
Acq: 16 Aug 2023 10:31

Tgt Ion: 65 Resp: 98560
Ion Ratio Lower Upper
65 100
67 50.3 0.0 100.2

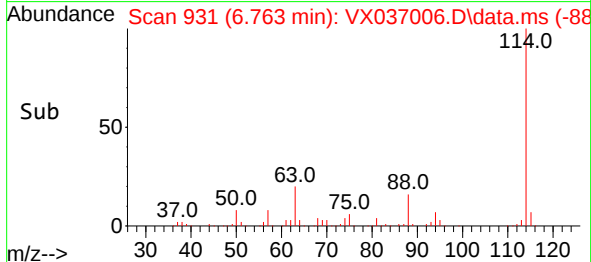
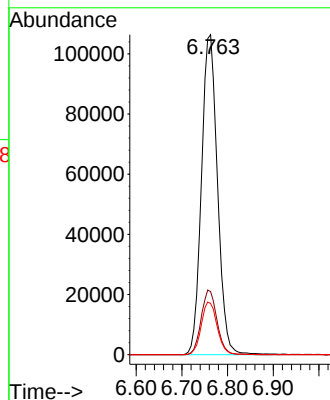
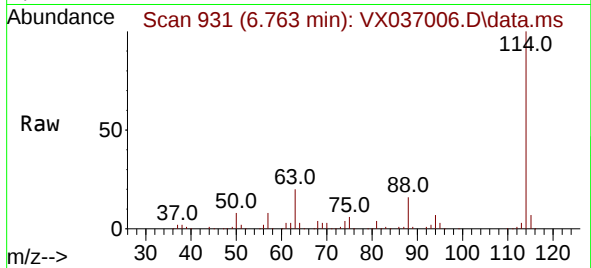




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037006.D
Acq: 16 Aug 2023 10:31

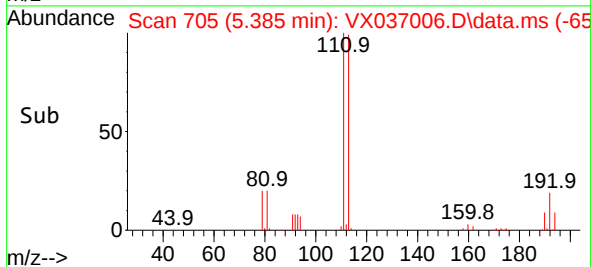
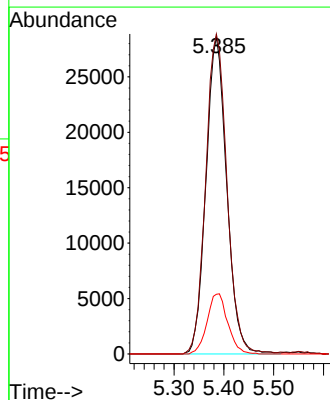
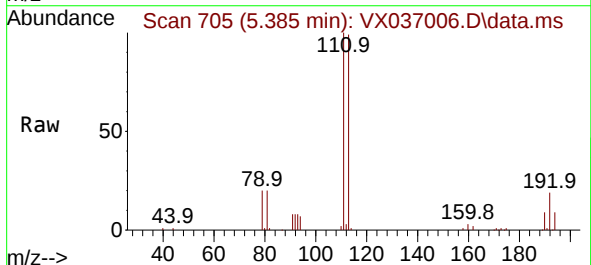
Instrument :
MSVOA_X
ClientSampleId :
VX0816MBL01

Tgt Ion:114 Resp: 258583
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 16.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.467 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037006.D
Acq: 16 Aug 2023 10:31

Tgt Ion:113 Resp: 82589
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 18.9 13.3 19.9





#50

Toluene-d8

Concen: 48.805 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037006.D

Acq: 16 Aug 2023 10:31

Instrument :

MSVOA_X

ClientSampleId :

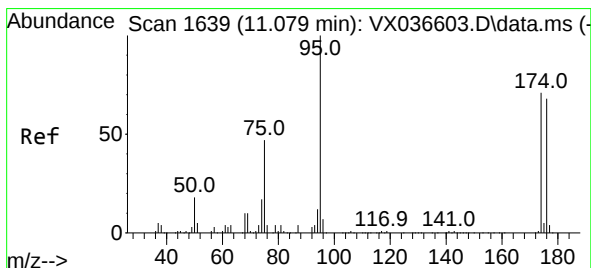
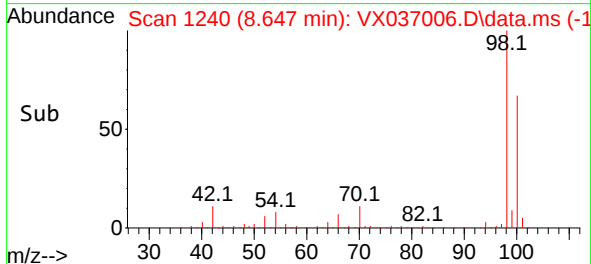
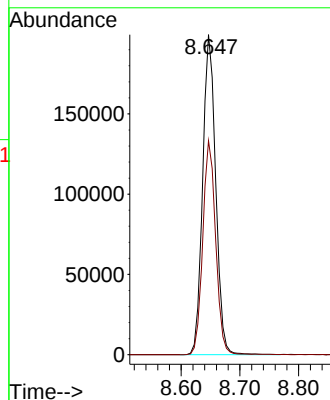
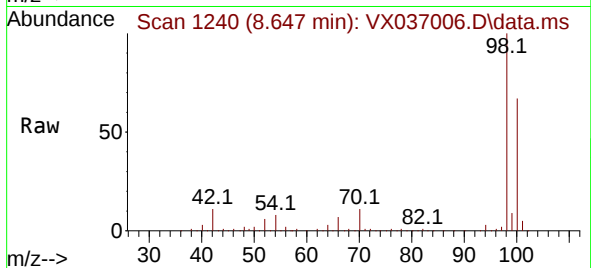
VX0816MBL01

Tgt Ion: 98 Resp: 307615

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 52.523 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX037006.D

Acq: 16 Aug 2023 10:31

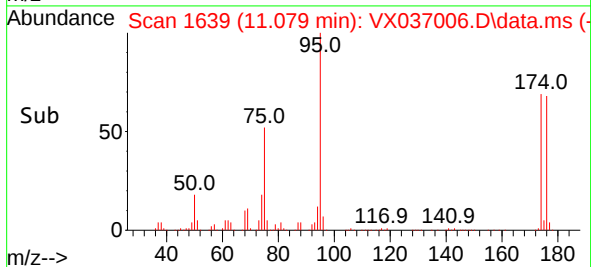
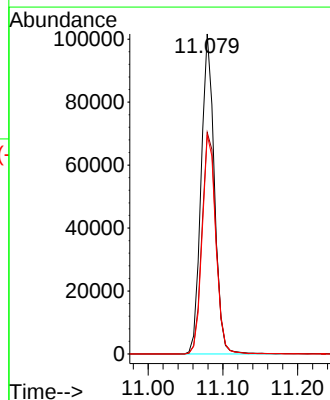
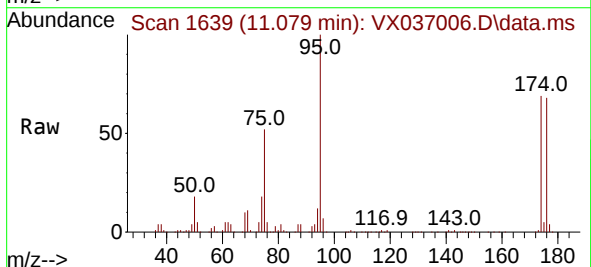
Tgt Ion: 95 Resp: 124899

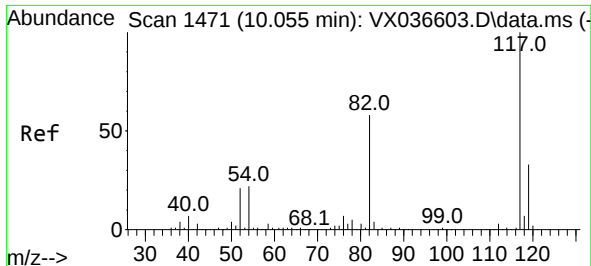
Ion Ratio Lower Upper

95 100

174 73.4 0.0 135.6

176 70.6 0.0 131.0

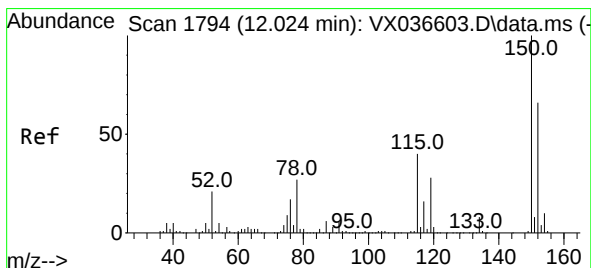
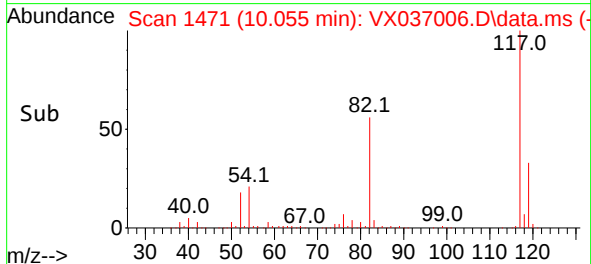
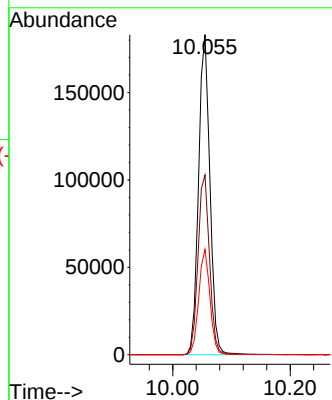
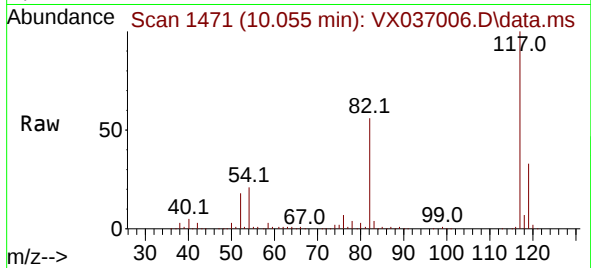




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037006.D
Acq: 16 Aug 2023 10:31

Instrument :
MSVOA_X
ClientSampleId :
VX0816MBL01

Tgt Ion:117 Resp: 245744
Ion Ratio Lower Upper
117 100
82 56.2 46.2 69.4
119 32.9 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: VX037006.D
Acq: 16 Aug 2023 10:31

Tgt Ion:152 Resp: 114486
Ion Ratio Lower Upper
152 100
115 63.0 43.3 129.9
150 157.4 0.0 345.0

