

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090723\
 Data File : VX037571.D
 Acq On : 07 Sep 2023 11:44
 Operator : JC/MD
 Sample : VX0907MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907MBL01

Quant Time: Sep 08 00:41:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	118927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195481	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	166745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63326	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68008	39.665	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	79.340%
35) Dibromofluoromethane	5.385	113	60511	46.740	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.480%
50) Toluene-d8	8.647	98	227088	48.357	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.720%
62) 4-Bromofluorobenzene	11.079	95	73621	39.892	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	79.780%#

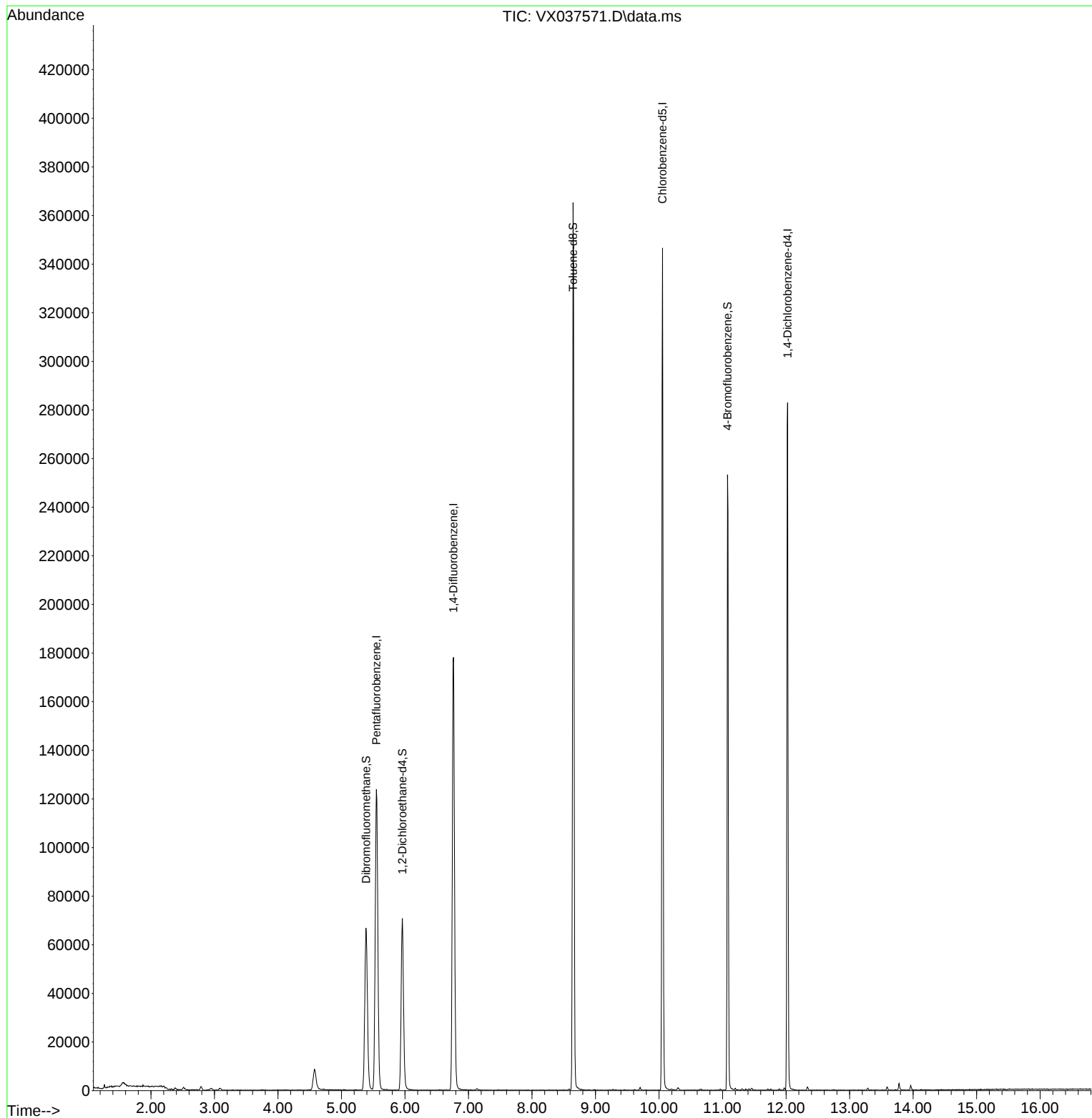
Target Compounds	Qvalue

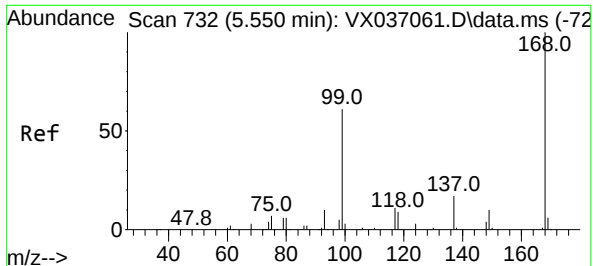
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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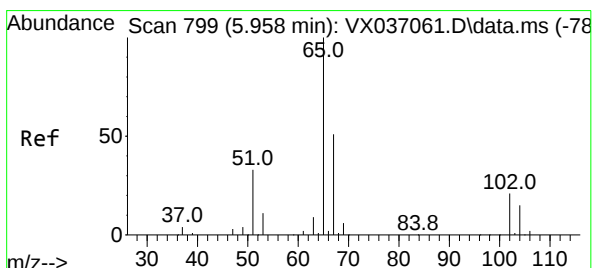
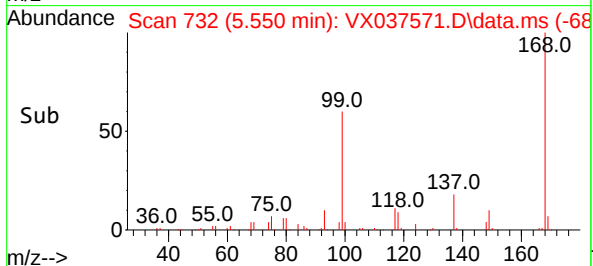
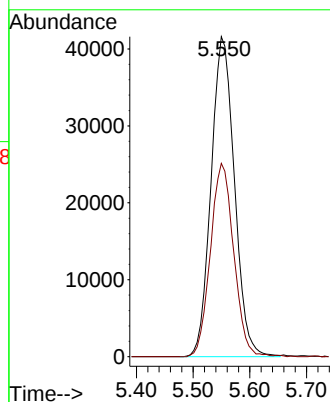
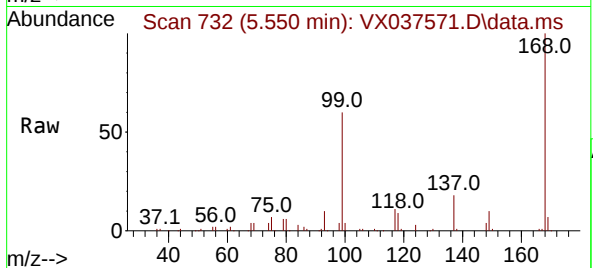




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037571.D
Acq: 07 Sep 2023 11:44

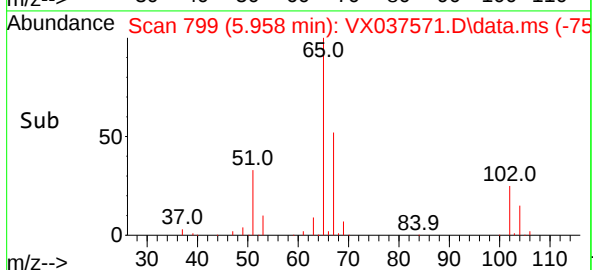
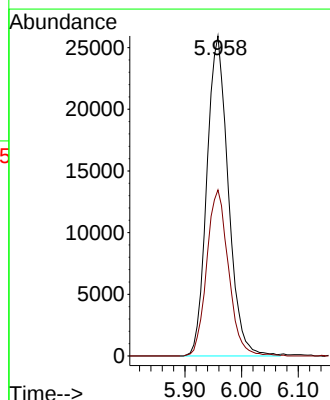
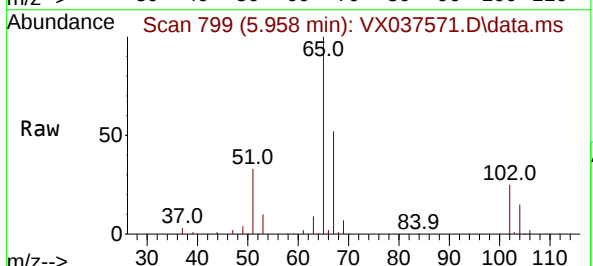
Instrument :
MSVOA_X
ClientSampleId :
VX0907MBL01

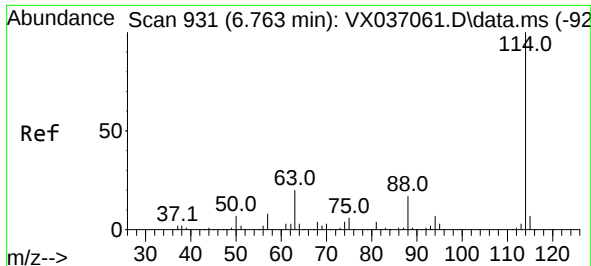
Tgt Ion:168 Resp: 118927
Ion Ratio Lower Upper
168 100
99 60.4 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 39.665 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037571.D
Acq: 07 Sep 2023 11:44

Tgt Ion: 65 Resp: 68008
Ion Ratio Lower Upper
65 100
67 52.9 0.0 100.2

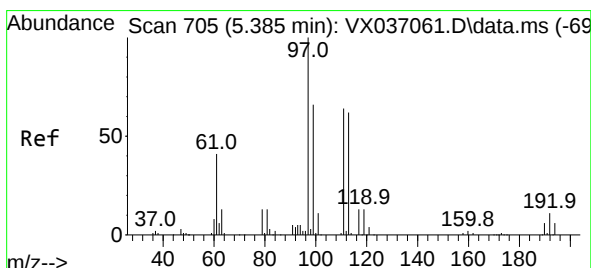
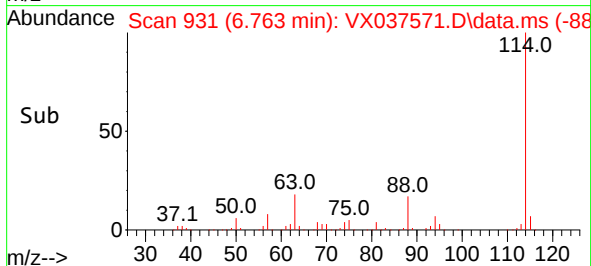
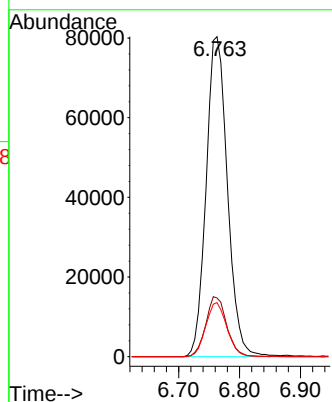
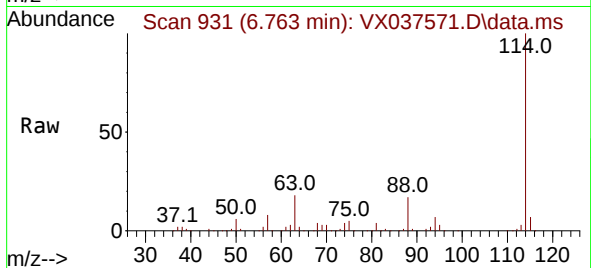




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX037571.D
 Acq: 07 Sep 2023 11:44

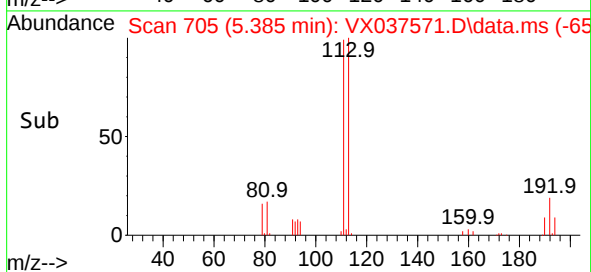
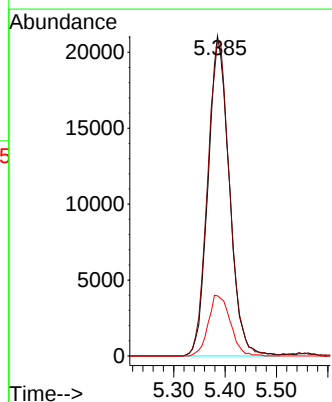
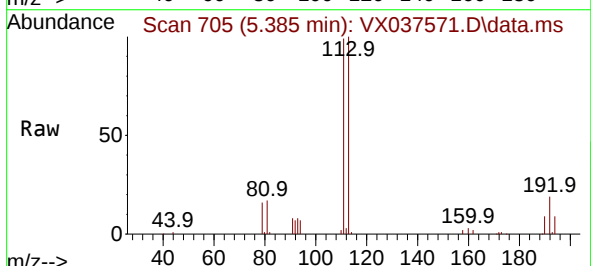
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 ClientSampleId :
 VX0907MBL01

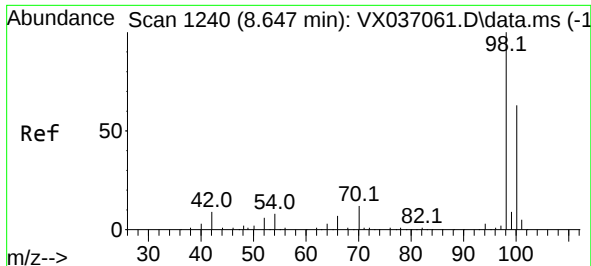
Tgt Ion:114 Resp: 195481
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 45.0
 88 16.9 0.0 36.6



#35
 Dibromofluoromethane
 Concen: 46.740 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX037571.D
 Acq: 07 Sep 2023 11:44

Tgt Ion:113 Resp: 60511
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.9 124.3
 192 19.7 13.3 19.9

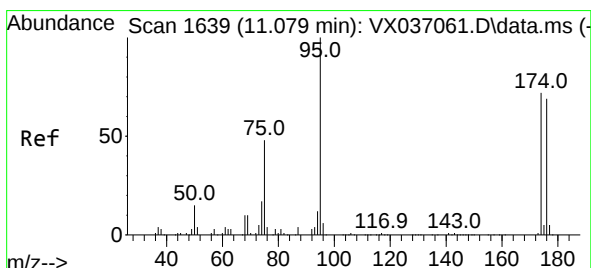
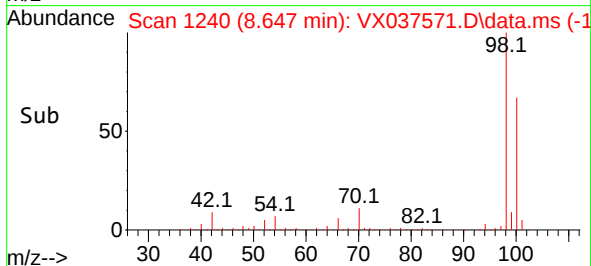
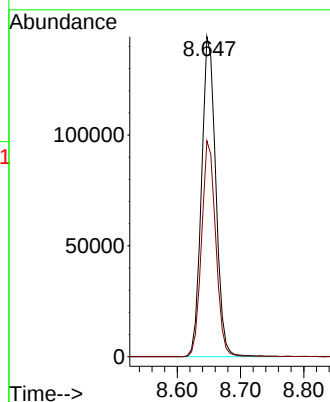
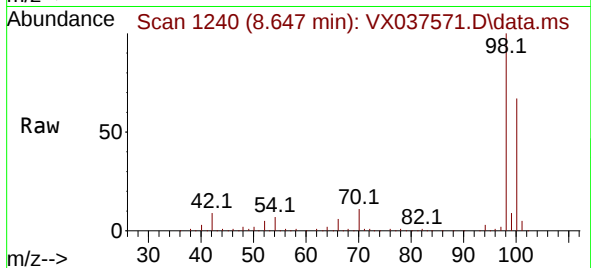




#50
Toluene-d8
Concen: 48.357 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037571.D
Acq: 07 Sep 2023 11:44

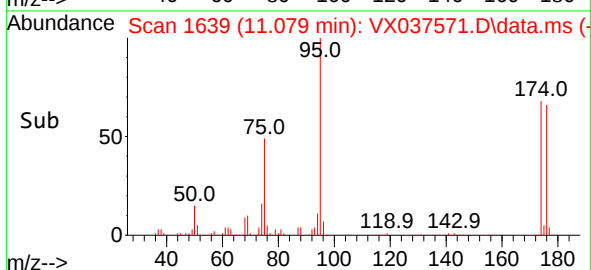
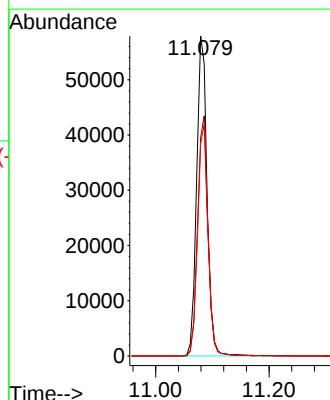
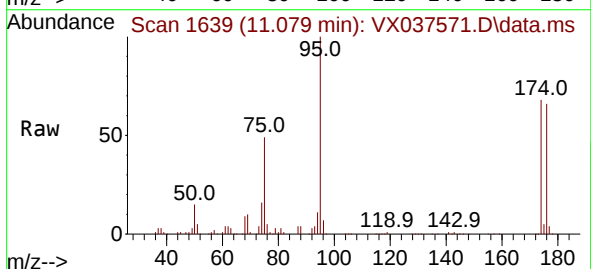
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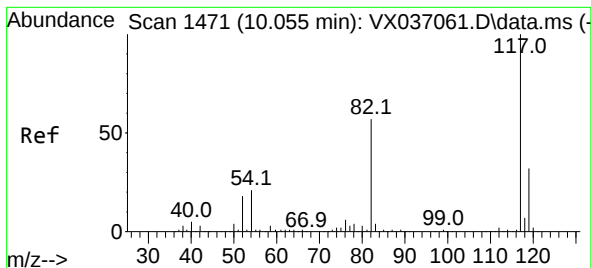
Tgt Ion: 98 Resp: 227088
Ion Ratio Lower Upper
98 100
100 67.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 39.892 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037571.D
Acq: 07 Sep 2023 11:44

Tgt Ion: 95 Resp: 73621
Ion Ratio Lower Upper
95 100
174 75.2 0.0 135.6
176 71.6 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: VX037571.D

Acq: 07 Sep 2023 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX0907MBL01

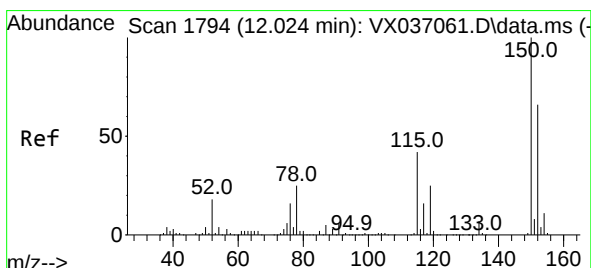
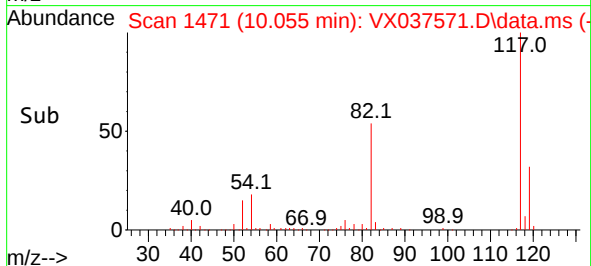
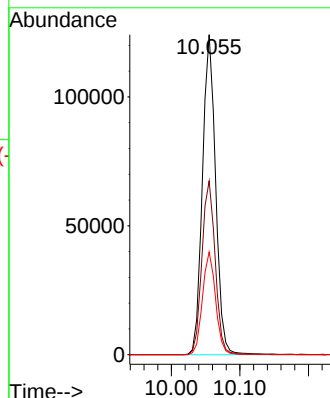
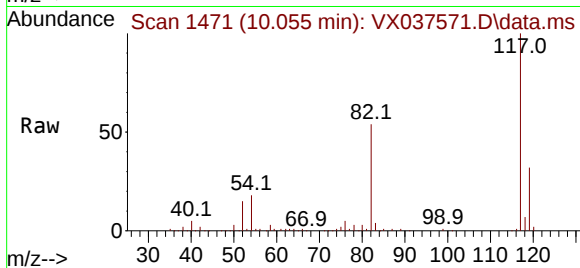
Tgt Ion:117 Resp: 166745

Ion Ratio Lower Upper

117 100

82 54.3 46.2 69.4

119 32.1 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: VX037571.D

Acq: 07 Sep 2023 11:44

Tgt Ion:152 Resp: 63326

Ion Ratio Lower Upper

152 100

115 61.6 43.3 129.9

150 155.2 0.0 345.0

