

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092923\
 Data File : VX037981.D
 Acq On : 29 Sep 2023 17:19
 Operator : JC/MD
 Sample : 04656-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-105S

Quant Time: Sep 29 23:07:54 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)

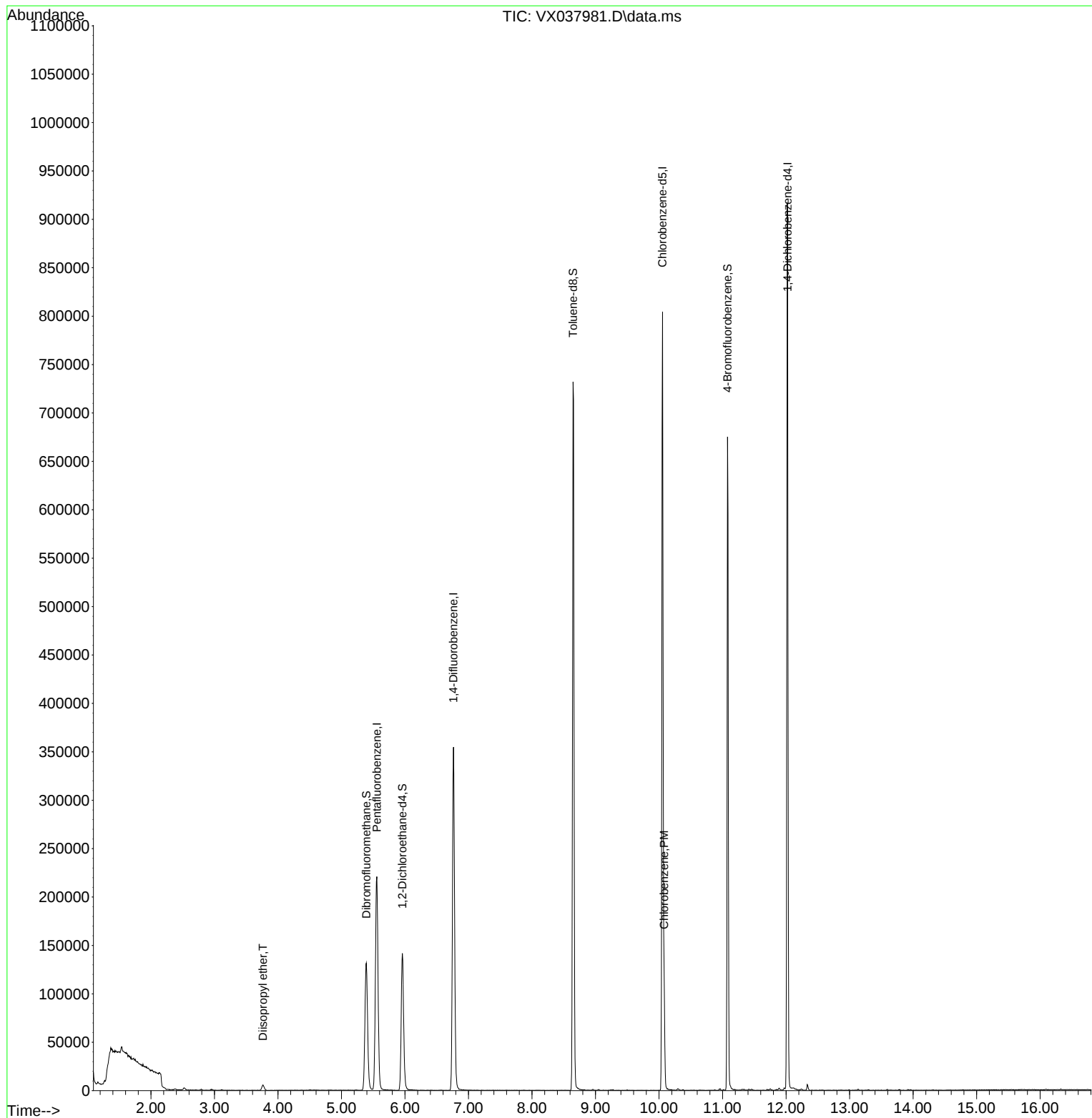
Internal Standards						
1) Pentafluorobenzene	5.556	168	213340	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	370460	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	365112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	194961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135675	48.404	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.800%
35) Dibromofluoromethane	5.391	113	116470	46.987	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.980%
50) Toluene-d8	8.647	98	451744	49.048	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.100%
62) 4-Bromofluorobenzene	11.079	95	173912	51.964	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.920%
Target Compounds						
					Qvalue	
22) Diisopropyl ether	3.764	45	5455	0.755	ug/l	# 71
65) Chlorobenzene	10.079	112	45860	5.823	ug/l	99

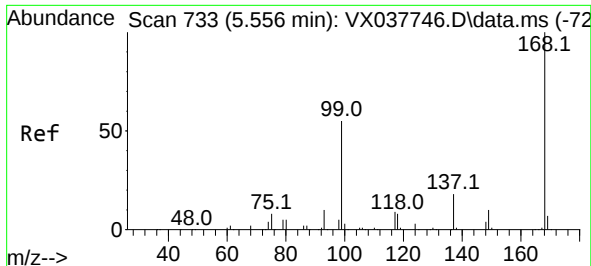
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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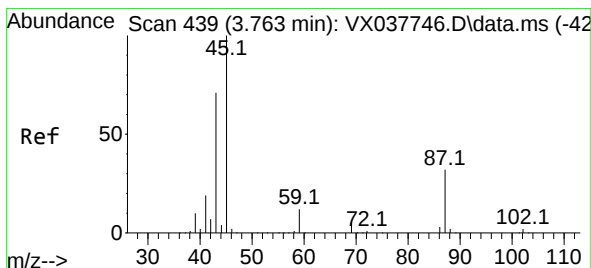
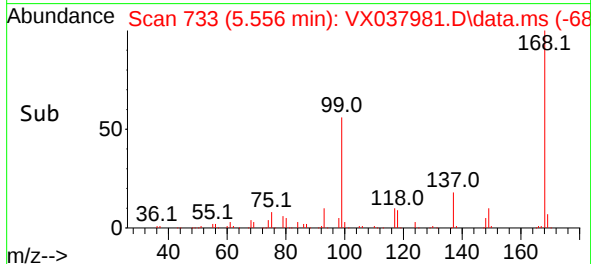
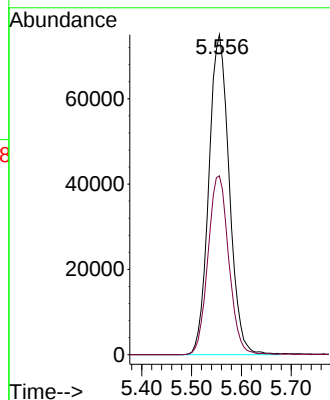
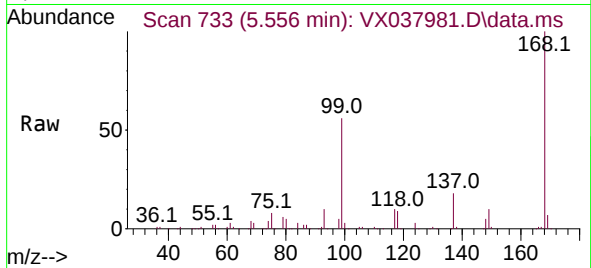




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037981.D
Acq: 29 Sep 2023 17:19

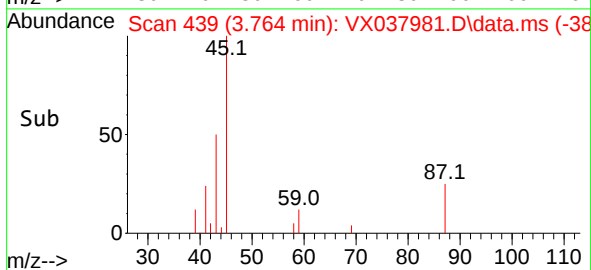
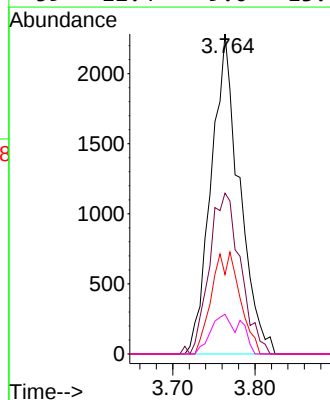
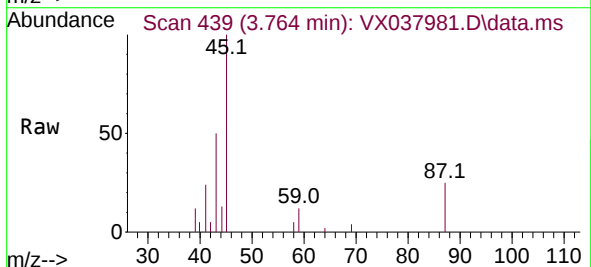
Instrument :
MSVOA_X
ClientSampleId :
MW-105S

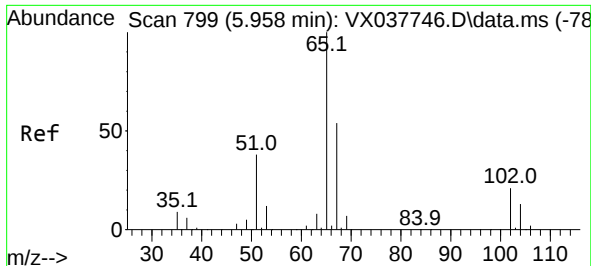
Tgt Ion:168 Resp: 213340
Ion Ratio Lower Upper
168 100
99 55.9 56.6 85.0#



#22
Diisopropyl ether
Concen: 0.755 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX037981.D
Acq: 29 Sep 2023 17:19

Tgt Ion: 45 Resp: 5455
Ion Ratio Lower Upper
45 100
43 50.2 69.7 104.5#
87 24.8 20.8 31.2
59 12.4 9.0 13.4





#33

1,2-Dichloroethane-d4

Concen: 48.404 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037981.D

Acq: 29 Sep 2023 17:19

Instrument :

MSVOA_X

ClientSampleId :

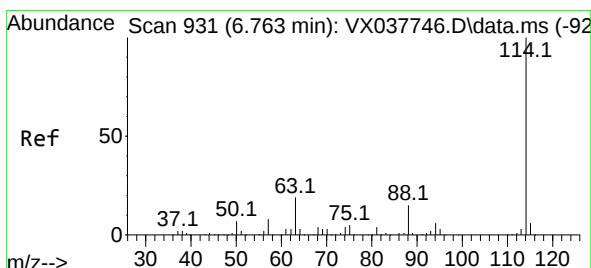
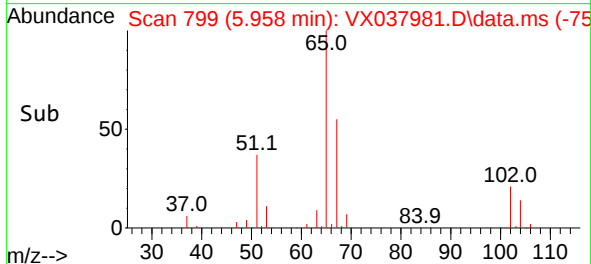
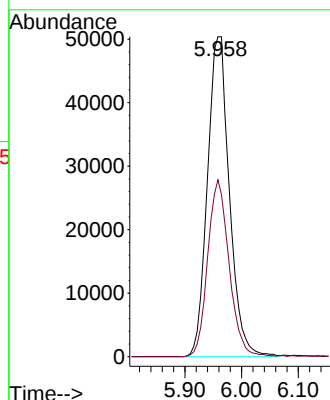
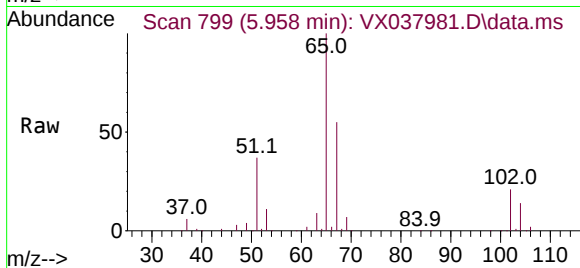
MW-105S

Tgt Ion: 65 Resp: 135675

Ion Ratio Lower Upper

65 100

67 53.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037981.D

Acq: 29 Sep 2023 17:19

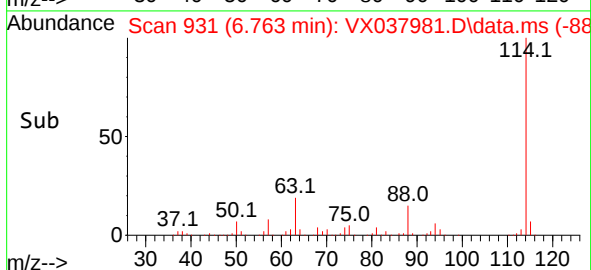
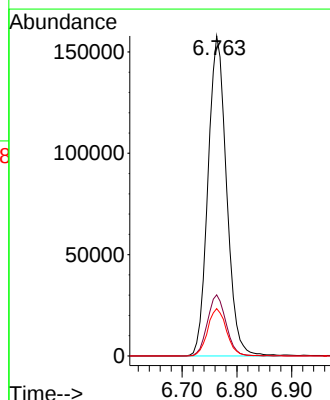
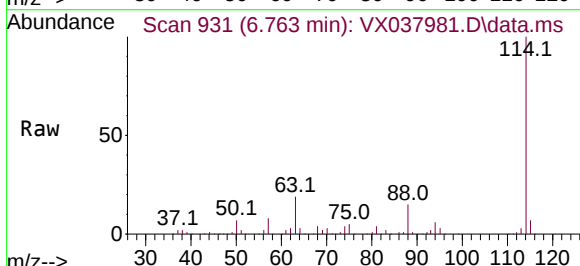
Tgt Ion: 114 Resp: 370460

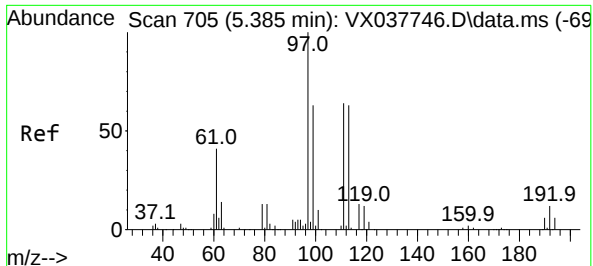
Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.0

88 14.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.987 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037981.D

Acq: 29 Sep 2023 17:19

Instrument :

MSVOA_X

ClientSampleId :

MW-105S

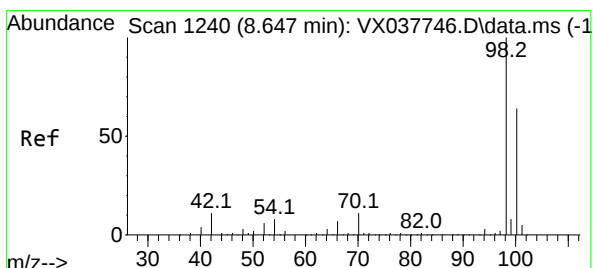
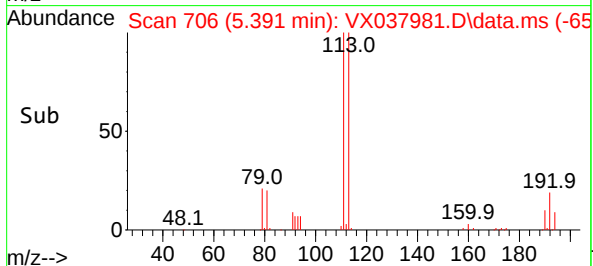
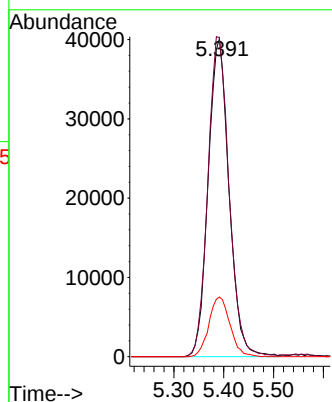
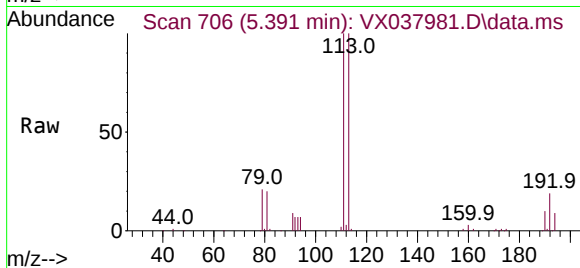
Tgt Ion:113 Resp: 116470

Ion Ratio Lower Upper

113 100

111 102.0 82.9 124.3

192 19.0 13.3 19.9



#50

Toluene-d8

Concen: 49.048 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037981.D

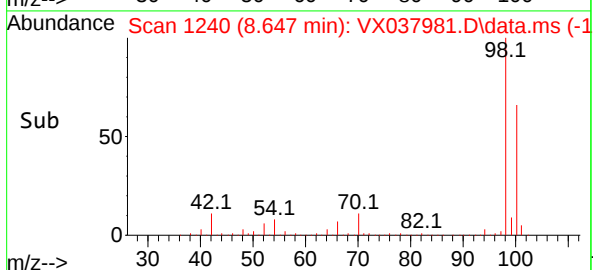
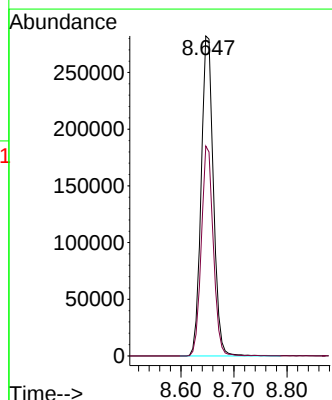
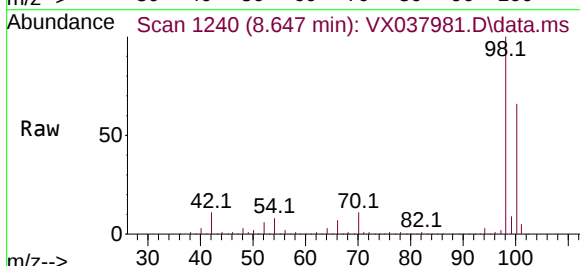
Acq: 29 Sep 2023 17:19

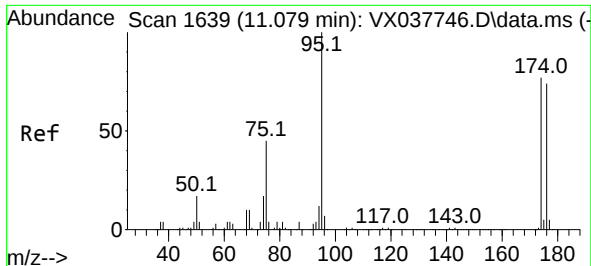
Tgt Ion: 98 Resp: 451744

Ion Ratio Lower Upper

98 100

100 64.5 53.1 79.7

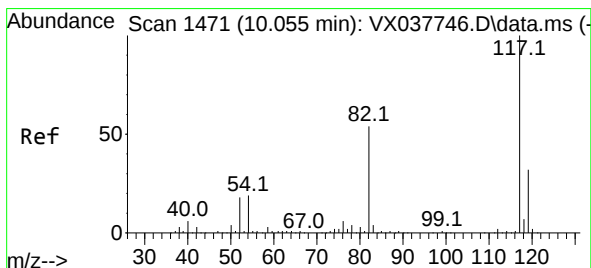
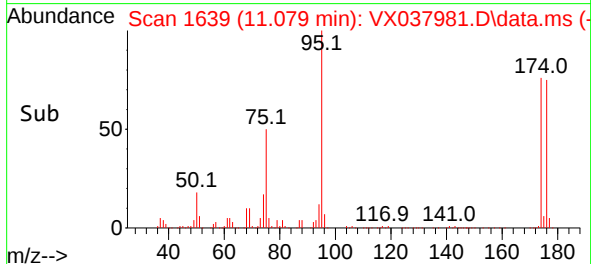
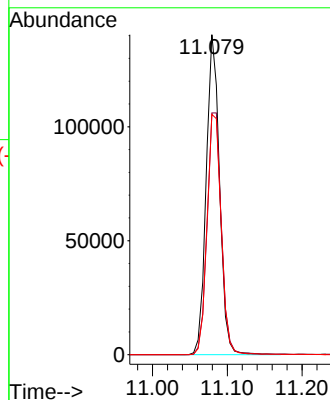
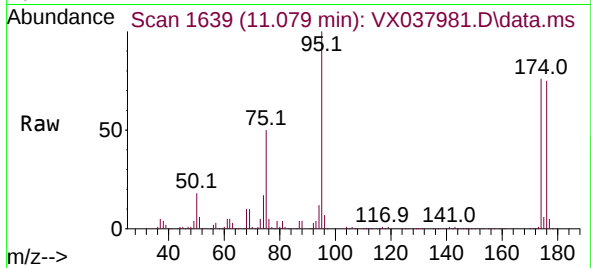




#62
4-Bromofluorobenzene
Concen: 51.964 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037981.D
Acq: 29 Sep 2023 17:19

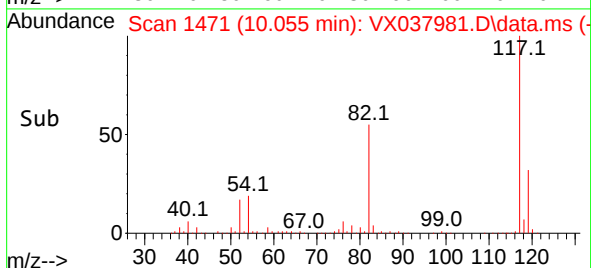
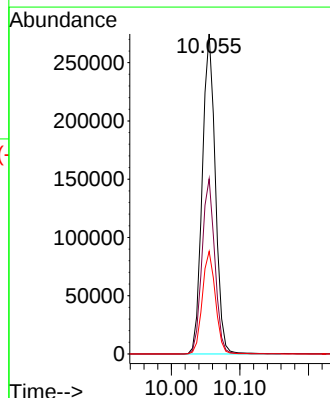
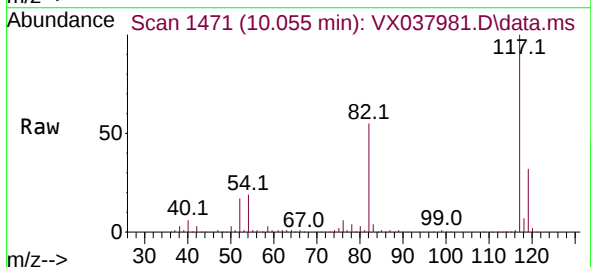
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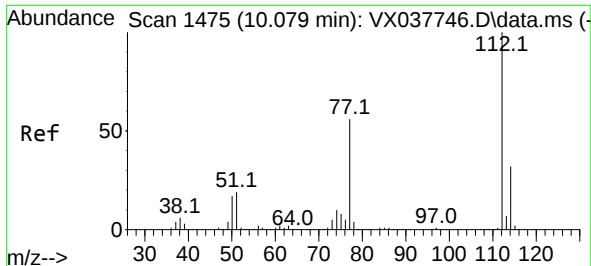
Tgt Ion: 95 Resp: 173912
Ion Ratio Lower Upper
95 100
174 80.5 0.0 135.6
176 80.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037981.D
Acq: 29 Sep 2023 17:19

Tgt Ion: 117 Resp: 365112
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 32.1 25.5 38.3

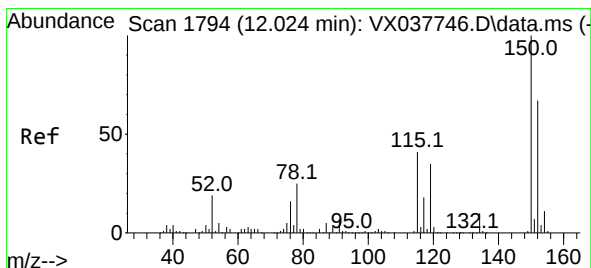
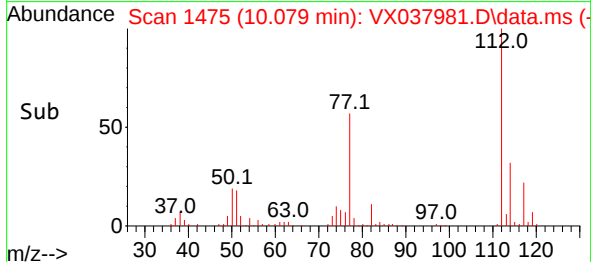
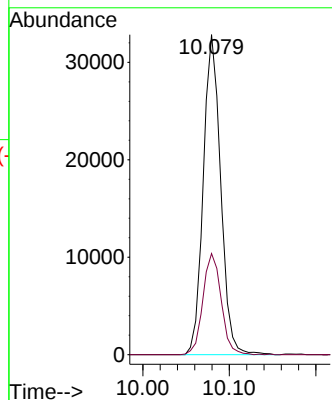
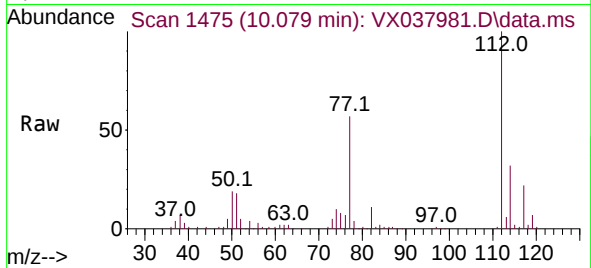




#65
Chlorobenzene
Concen: 5.823 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037981.D
Acq: 29 Sep 2023 17:19

Instrument :
MSVOA_X
ClientSampleId :
MW-105S

Tgt Ion:112 Resp: 45860
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037981.D
Acq: 29 Sep 2023 17:19

Tgt Ion:152 Resp: 194961
Ion Ratio Lower Upper
152 100
115 59.5 43.3 129.9
150 157.9 0.0 345.0

