

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031424\
 Data File : VV034622.D
 Acq On : 14 Mar 2024 23:01
 Operator : SY/MD
 Sample : P1751-18
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

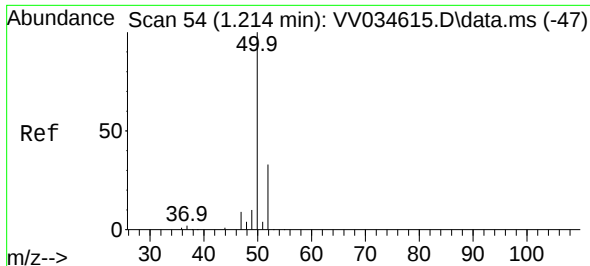
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 15 06:55:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 06:40:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	260265	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	243884	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	111050	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	111467	49.404	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 98.800%			
7) Chloroethane-d5	1.532	69	96561	54.934	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.860%			
11) 1,1-Dichloroethene-d2	2.060	65	52837	51.782	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.560%			
21) 2-Butanone-d5	3.796	46	177079	117.362	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 117.360%			
24) Chloroform-d	4.249	84	215557	54.034	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.060%			
26) 1,2-Dichloroethane-d4	4.940	65	148563	56.989	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.980%			
32) Benzene-d6	4.960	84	418592	56.870	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.740%			
36) 1,2-Dichloropropane-d6	5.989	67	131726	58.642	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 117.280%			
41) Toluene-d8	7.243	98	364600	54.737	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.480%			
43) trans-1,3-Dichloroprop...	7.555	79	57022	50.551	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.100%			
47) 2-Hexanone-d5	8.024	63	124156	110.686	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 110.690%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	177600	60.080	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 120.160%#			
66) 1,2-Dichlorobenzene-d4	11.561	152	137823	60.718	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 121.440%#			
Target Compounds						Qvalue
3) Chloromethane	1.191	50	4704	1.754	ug/L #	42
8) Chloroethane	1.191	64	23727	15.330	ug/L	90
12) 1,1-Dichloroethene	2.069	96	14092	7.231	ug/L #	1
13) Acetone	2.124	43	407164	224.475	ug/L	98
15) Methyl Acetate	2.297	43	124157	53.504	ug/L #	53
19) 1,1-Dichloroethane	3.114	63	5062	1.370	ug/L	94
30) 1,1,1-Trichloroethane	4.513	97	7838	2.241	ug/L #	78
39) cis-1,3-Dichloropropene	6.911	75	3991	1.243	ug/L #	51
48) 2-Hexanone	8.024	43	14597	6.268	ug/L #	75

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



#3

Chloromethane

Concen: 1.754 ug/L

RT: 1.191 min Scan# 47

Delta R.T. -0.023 min

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MSVOA_V

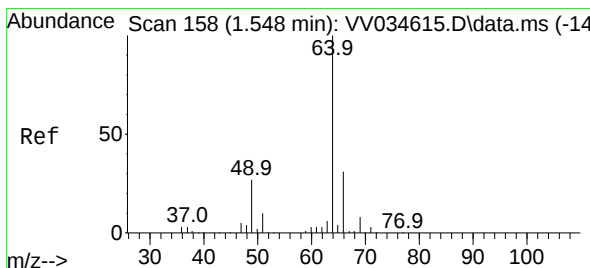
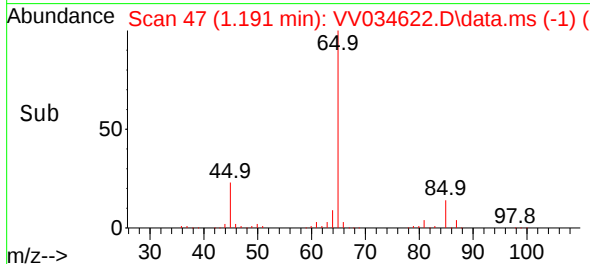
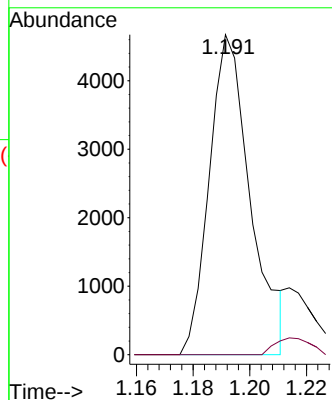
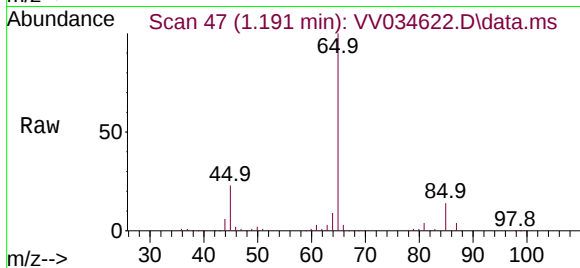
ClientSampleId :

Tgt Ion: 50 Resp: 4704

Ion Ratio Lower Upper

50 100

52 0.0 23.0 42.8#



#8

Chloroethane

Concen: 15.330 ug/L

RT: 1.191 min Scan# 47

Delta R.T. -0.357 min

Lab File: VV034622.D

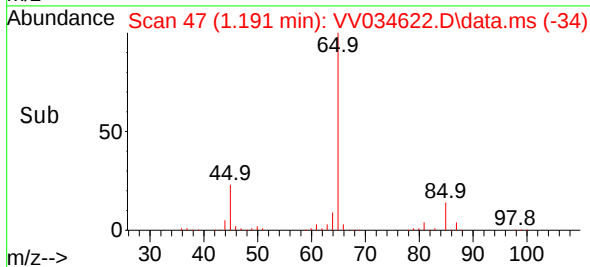
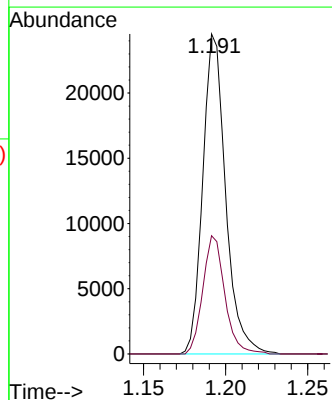
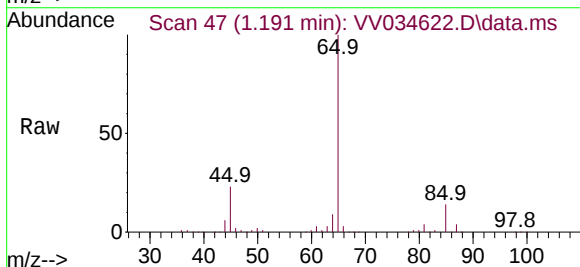
Acq: 14 Mar 2024 23:01

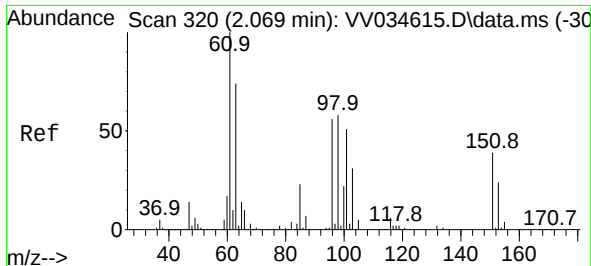
Tgt Ion: 64 Resp: 23727

Ion Ratio Lower Upper

64 100

66 37.0 22.0 40.8





#12

1,1-Dichloroethene

Concen: 7.231 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

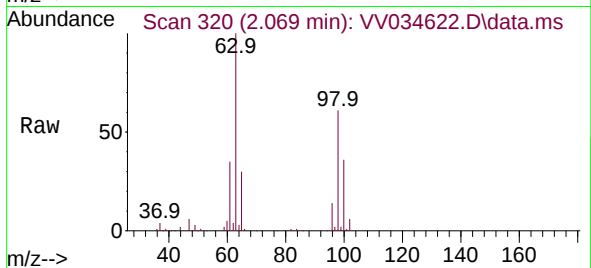
Lab File: VV034622.D

Acq: 14 Mar 2024 23:01

Instrument :

MSVOA_V

ClientSampleId :



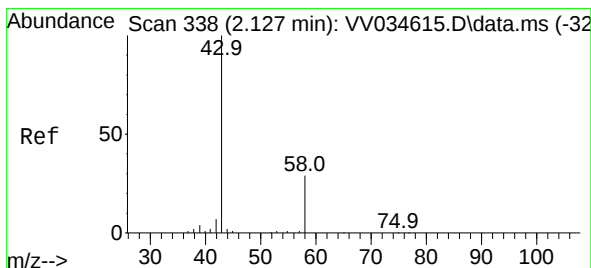
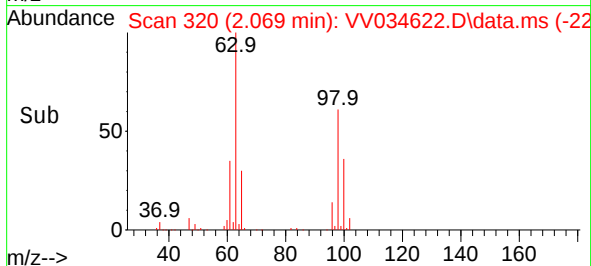
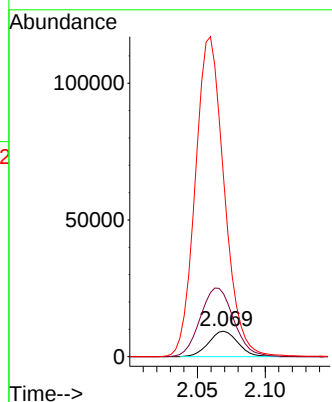
Tgt Ion: 96 Resp: 14092

Ion Ratio Lower Upper

96 100

61 247.4 128.9 239.3#

63 704.3 98.0 182.0#



#13

Acetone

Concen: 224.475 ug/L

RT: 2.124 min Scan# 337

Delta R.T. -0.003 min

Lab File: VV034622.D

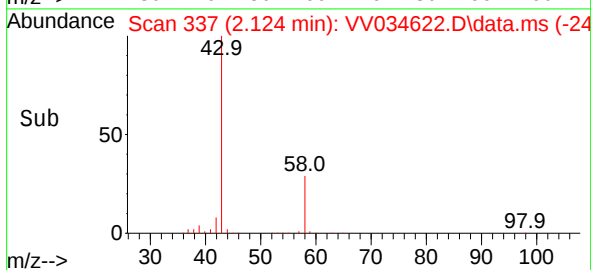
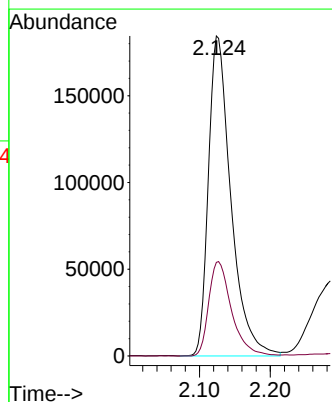
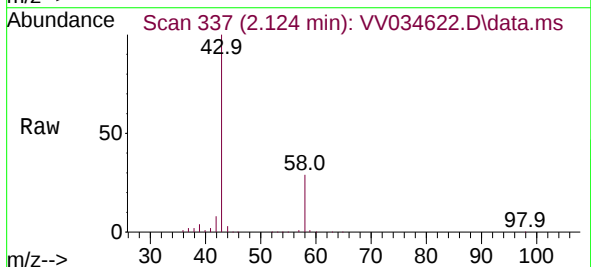
Acq: 14 Mar 2024 23:01

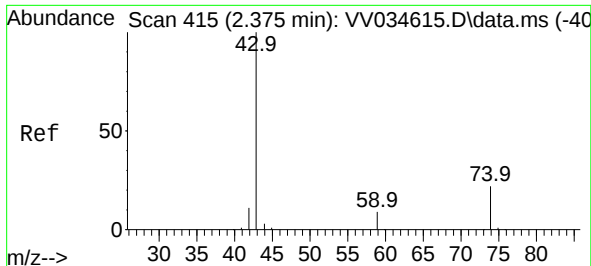
Tgt Ion: 43 Resp: 407164

Ion Ratio Lower Upper

43 100

58 29.8 0.0 57.2





#15

Methyl Acetate

Concen: 53.504 ug/L

RT: 2.297 min Scan# 391

Delta R.T. -0.077 min

Lab File: VV034622.D

Acq: 14 Mar 2024 23:01

Instrument :

MSVOA_V

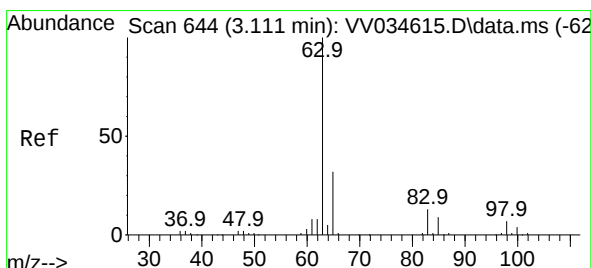
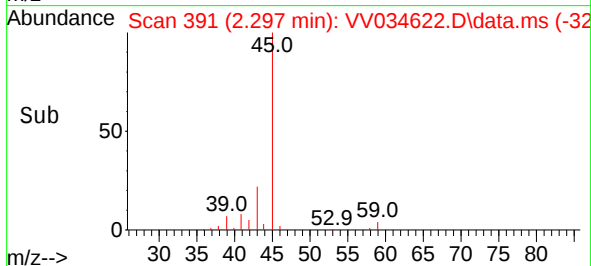
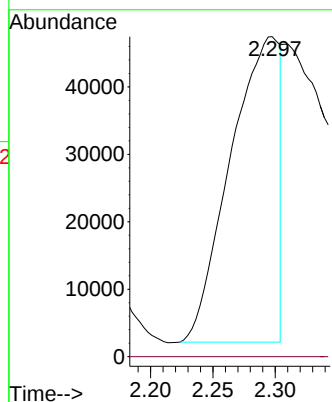
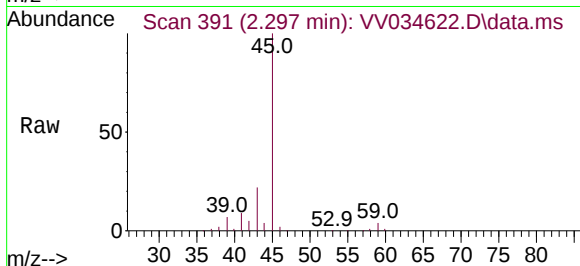
ClientSampleId :

Tgt Ion: 43 Resp: 124157

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



#19

1,1-Dichloroethane

Concen: 1.370 ug/L

RT: 3.114 min Scan# 645

Delta R.T. 0.003 min

Lab File: VV034622.D

Acq: 14 Mar 2024 23:01

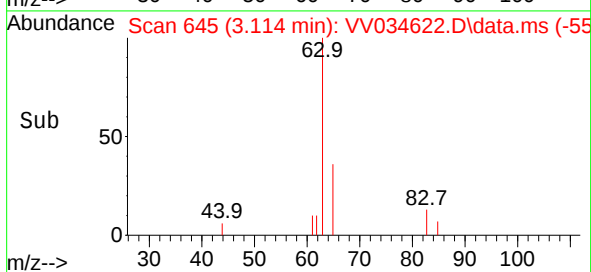
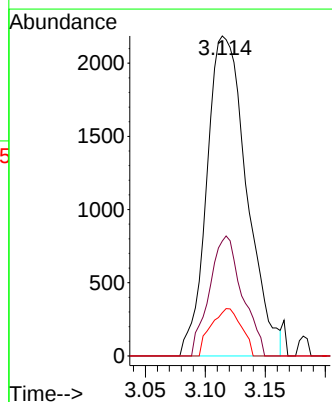
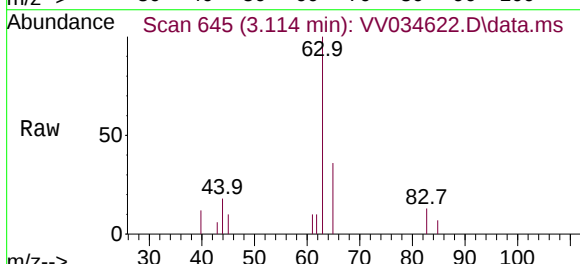
Tgt Ion: 63 Resp: 5062

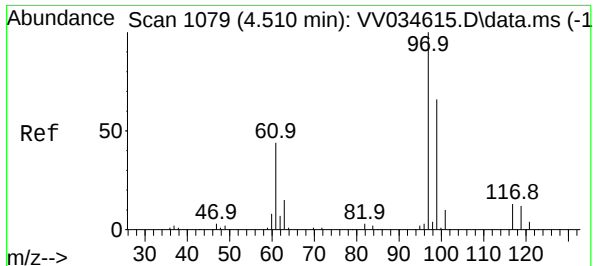
Ion Ratio Lower Upper

63 100

65 35.9 22.1 41.1

83 13.5 9.9 18.3





#30

1,1,1-Trichloroethane

Concen: 2.241 ug/L

RT: 4.513 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV034622.D

Acq: 14 Mar 2024 23:01

Instrument :

MSVOA_V

ClientSampleId :

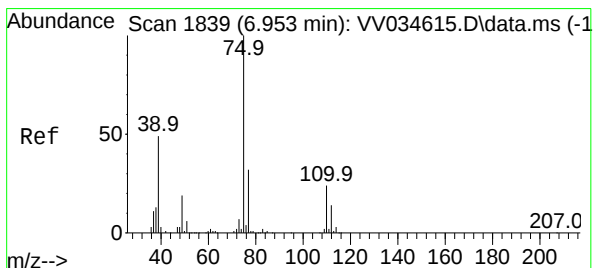
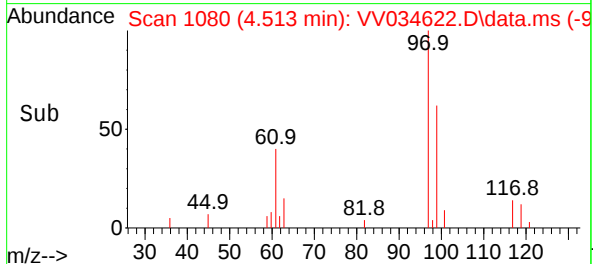
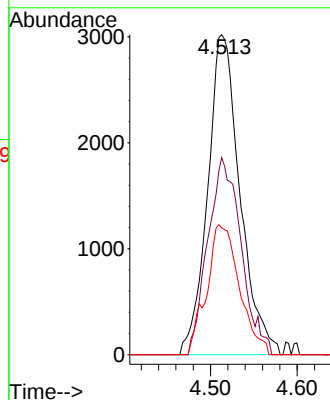
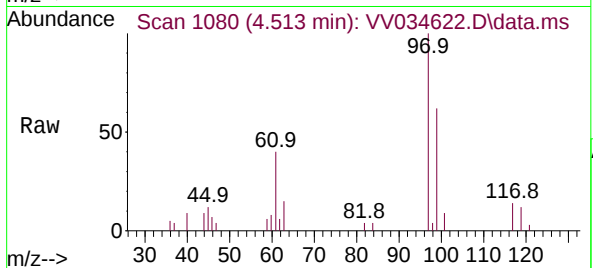
Tgt Ion: 97 Resp: 7838

Ion Ratio Lower Upper

97 100

99 41.3 51.3 76.9#

61 37.1 36.0 54.0



#39

cis-1,3-Dichloropropene

Concen: 1.243 ug/L

RT: 6.911 min Scan# 1826

Delta R.T. -0.042 min

Lab File: VV034622.D

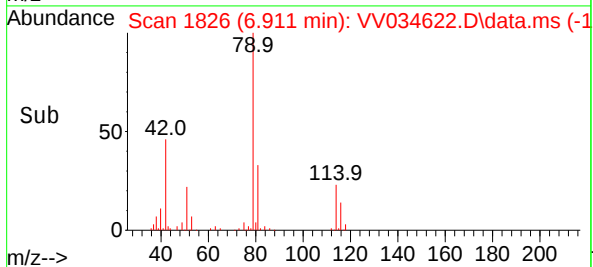
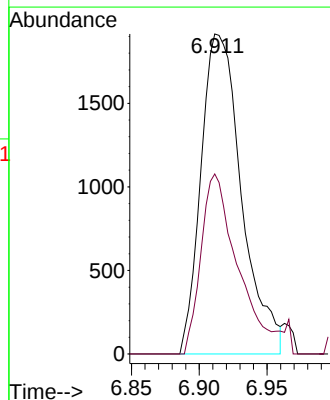
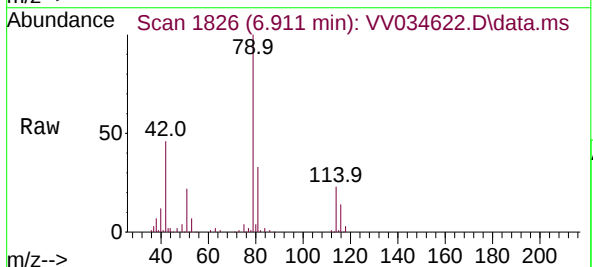
Acq: 14 Mar 2024 23:01

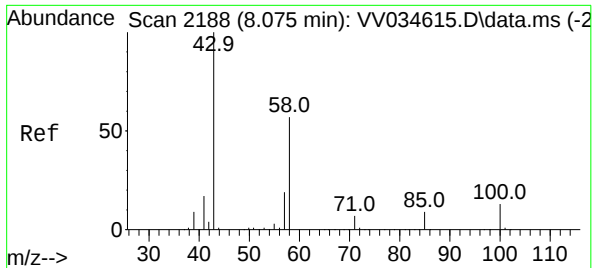
Tgt Ion: 75 Resp: 3991

Ion Ratio Lower Upper

75 100

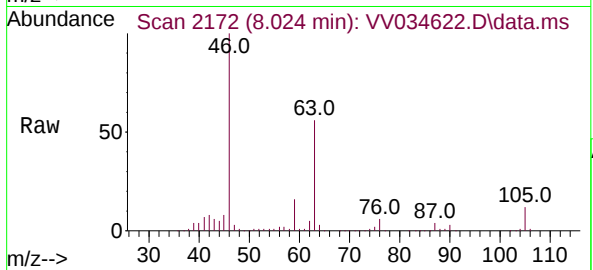
77 56.2 20.9 38.9#





#48
 2-Hexanone
 Concen: 6.268 ug/L
 RT: 8.024 min Scan# 21
 Delta R.T. -0.052 min
 Lab File: VV034622.D
 Acq: 14 Mar 2024 23:01

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 43	Resp: 14597
Ion Ratio	Lower Upper
43	100
58	36.1 42.0 63.0#
57	29.9 15.2 22.8#
100	0.0 10.0 15.0#

