

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061052.D
 Acq On : 17 Apr 2020 15:46
 Operator : JC/MD
 Sample : L2337-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 20 01:32:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

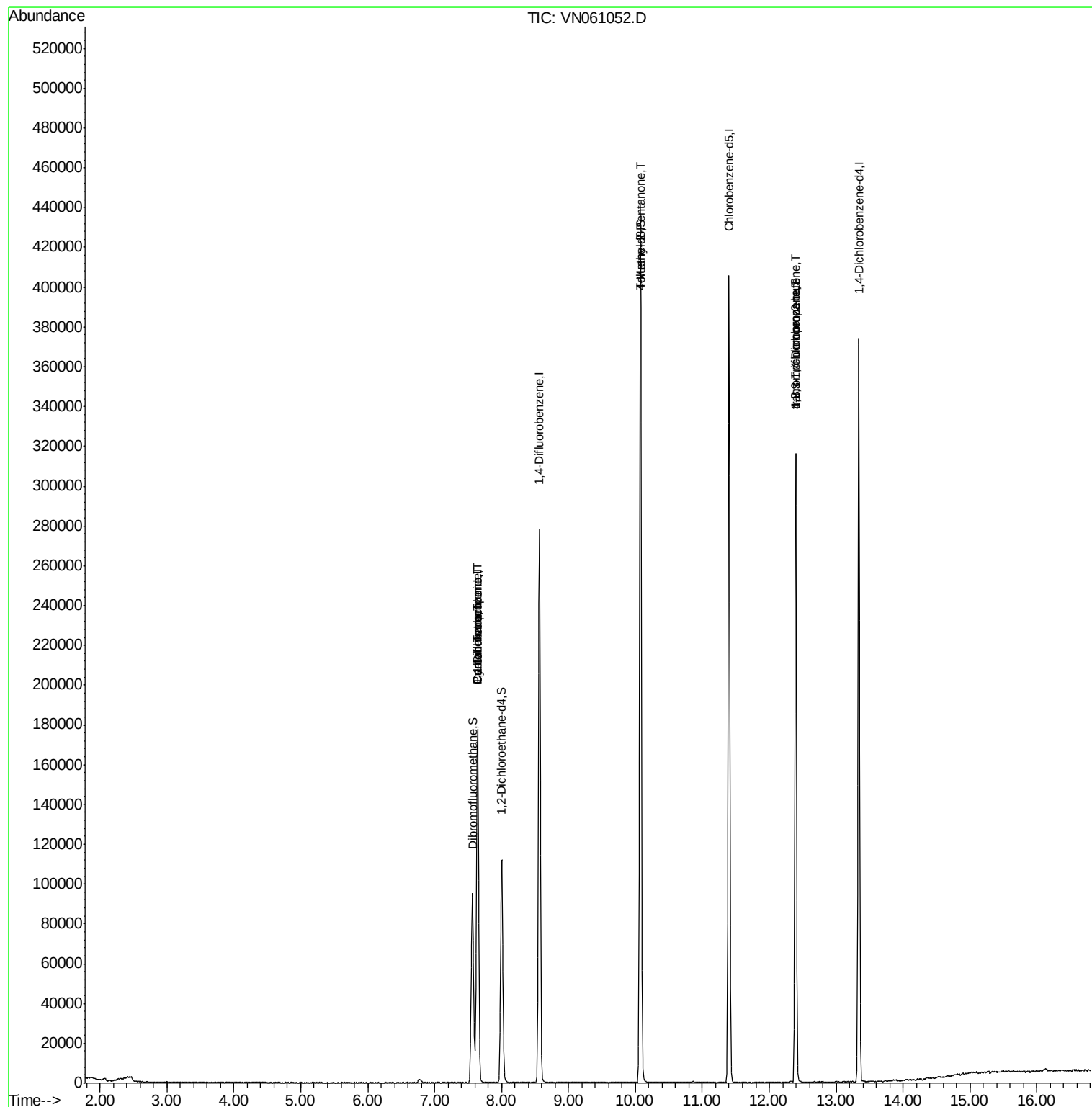
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	143934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	243879	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	228394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	98130	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	97951	53.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.38%	
35) Dibromofluoromethane	7.56	113	73013	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
50) Toluene-d8	10.08	98	301891	56.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.18%	
62) 4-Bromofluorobenzene	12.40	95	112524	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.70%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.64	56	3118	0.909	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	11520	4.578	ug/l #	49
38) Carbon Tetrachloride	7.64	117	13973	6.670	ug/l #	15
51) 4-Methyl-2-Pentanone	10.08	43	1552	0.606	ug/l #	1
76) 1,2,3-Trichloropropane	12.39	75	57255	26.526	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.39	75	57255	65.428	ug/l #	12

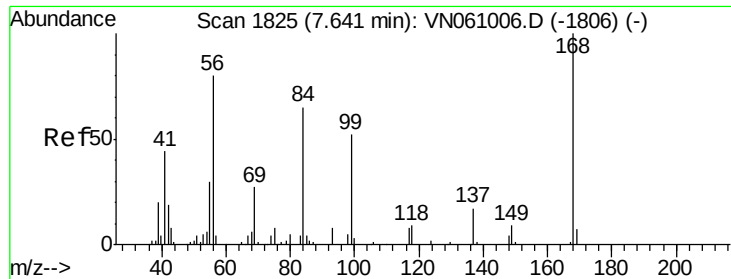
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN061052.D

Acq: 17 Apr 2020 15:46

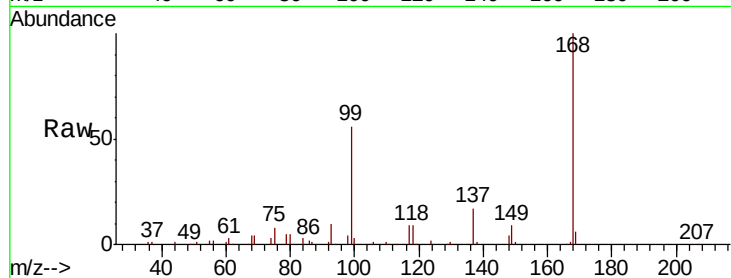
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 143934

Ion Ratio Lower Upper

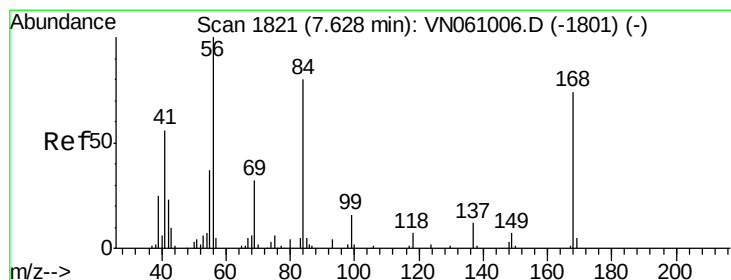
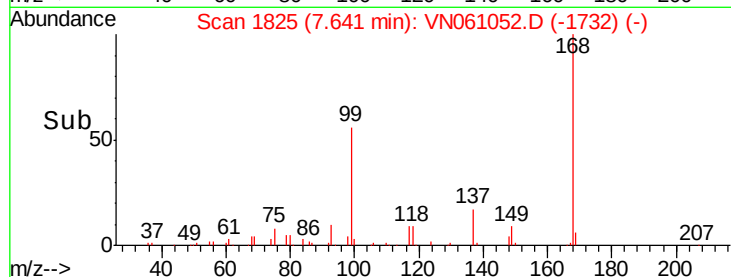
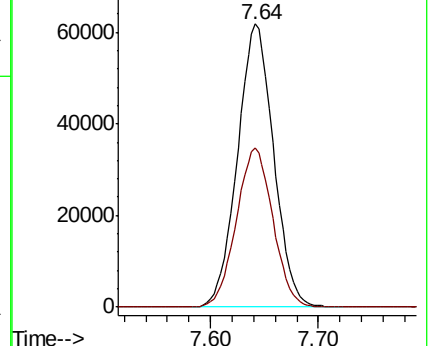
168 100

99 56.2 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#31

Cyclohexane

Concen: 0.909 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VN061052.D

Acq: 17 Apr 2020 15:46

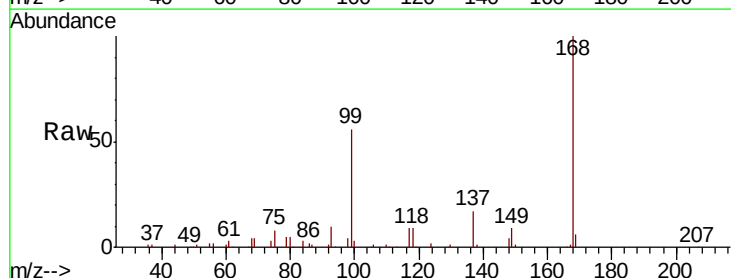
Tgt Ion: 56 Resp: 3118

Ion Ratio Lower Upper

56 100

69 162.0 25.6 38.4#

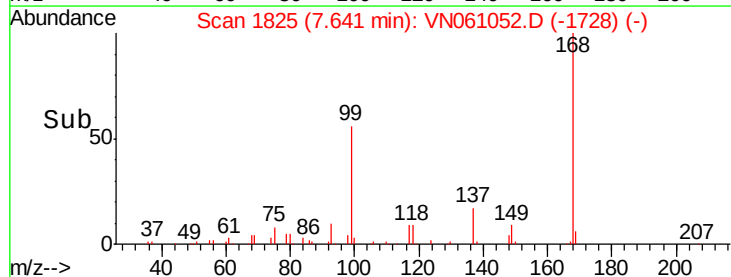
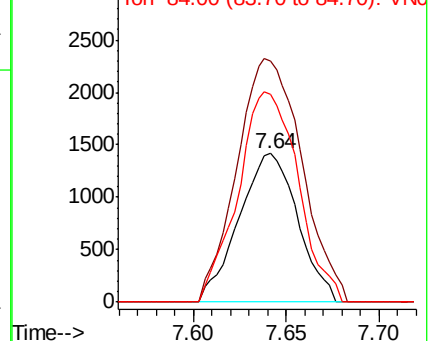
84 139.6 63.4 95.2#

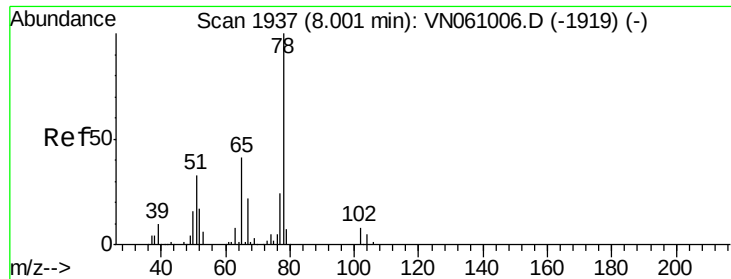


Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 69.00 (68.70 to 69.70): VN

Ion 84.00 (83.70 to 84.70): VN

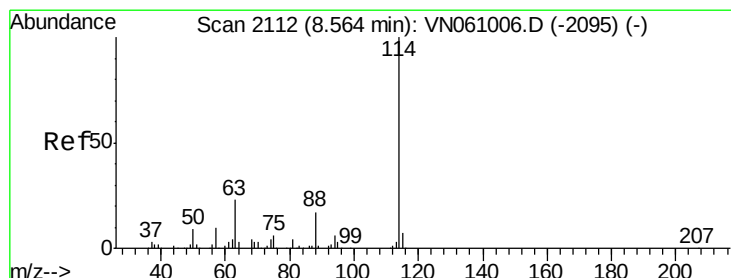
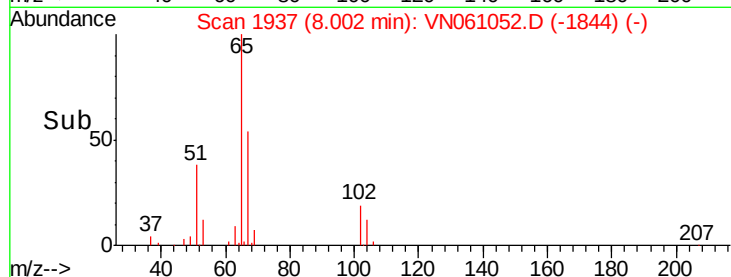
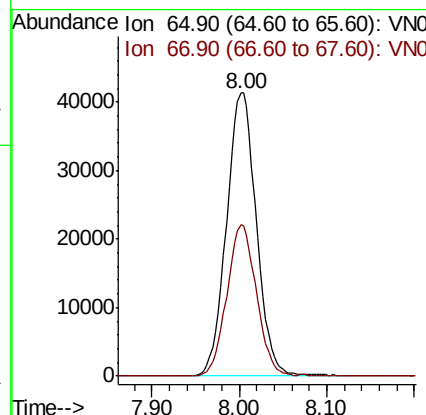
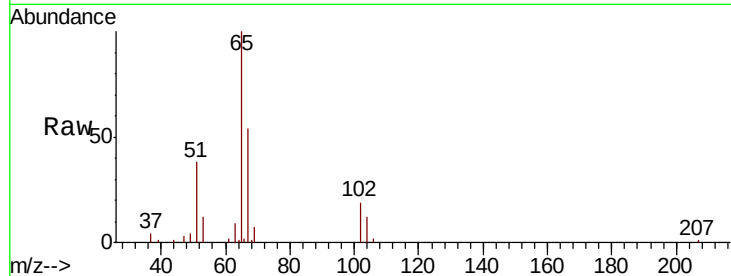




#33
 1,2-Dichloroethane-d4
 Concen: 53.190 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VN061052.D
 Acq: 17 Apr 2020 15:46

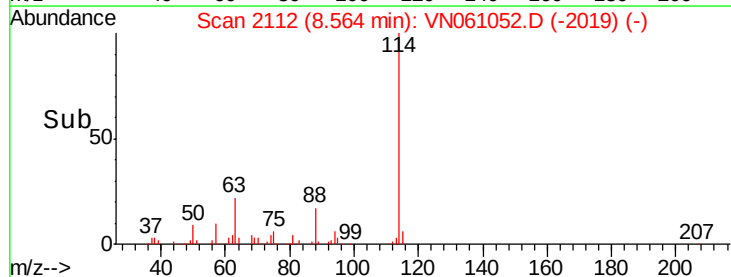
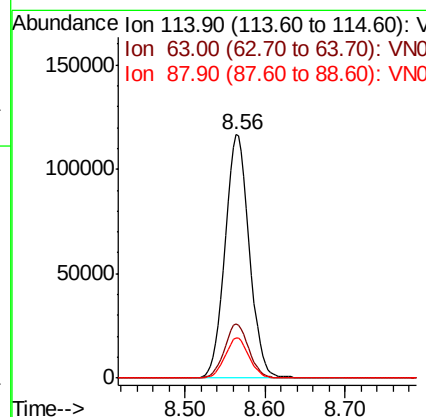
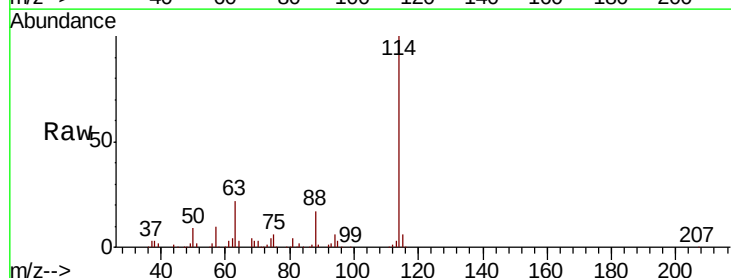
Instrument :
 MSVOA_N
 ClientSampleId :

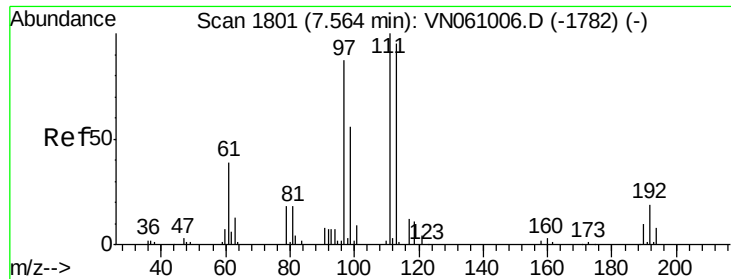
Tot Ion: 65 Resp: 97951
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VN061052.D
 Acq: 17 Apr 2020 15:46

Tgt Ion: 114 Resp: 243879
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 46.2
 88 16.6 0.0 33.4

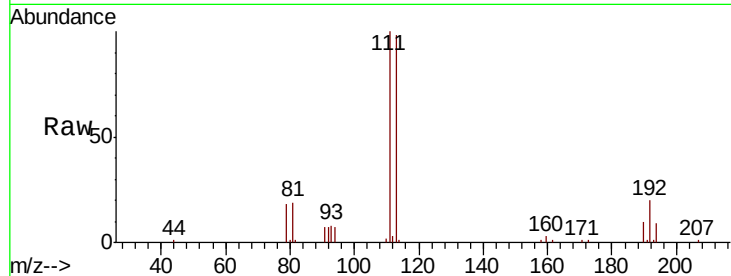




#35
 Dibromofluoromethane
 Concen: 51.265 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN061052.D
 Acq: 17 Apr 2020 15:46

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.4	125.2
192	20.0	15.5	23.3

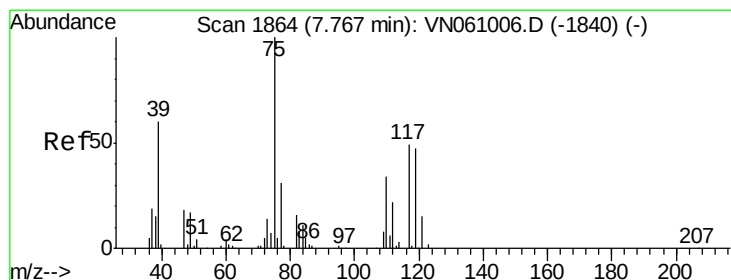
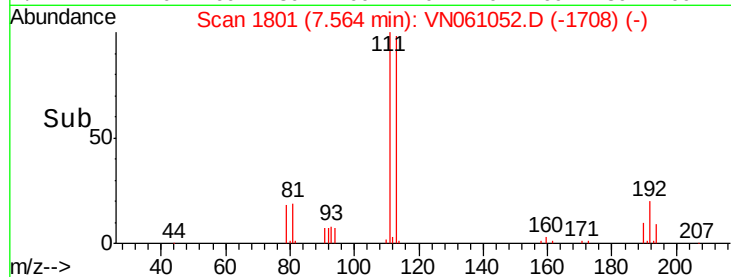
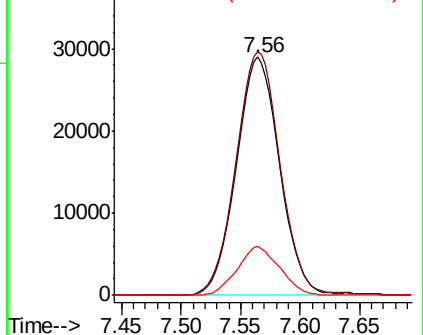


Abundance

Ion 112.80 (112.50 to 113.50): V

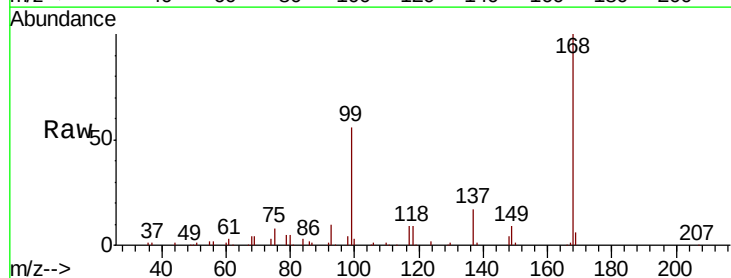
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 4.578 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN061052.D
 Acq: 17 Apr 2020 15:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.1	16.8	50.3#
77	0.0	24.7	37.1#

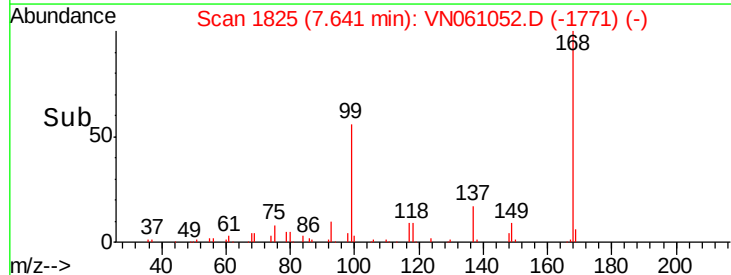
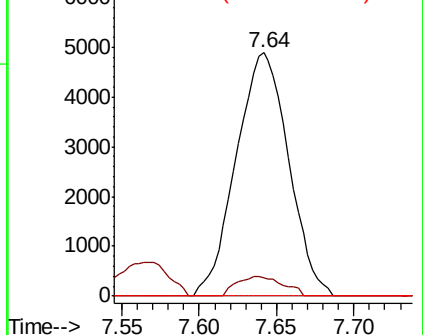


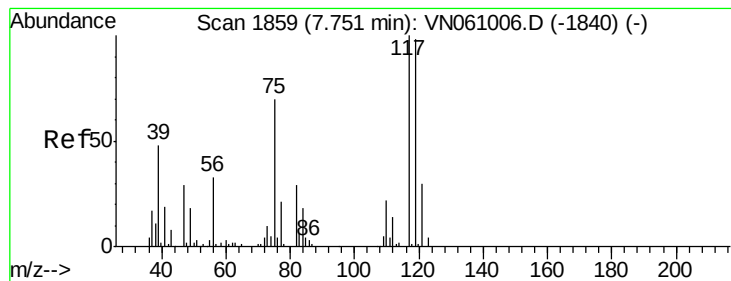
Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0





#38

Carbon Tetrachloride

Concen: 6.670 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN061052.D

Acq: 17 Apr 2020 15:46

Instrument :

MSVOA_N

ClientSampled :

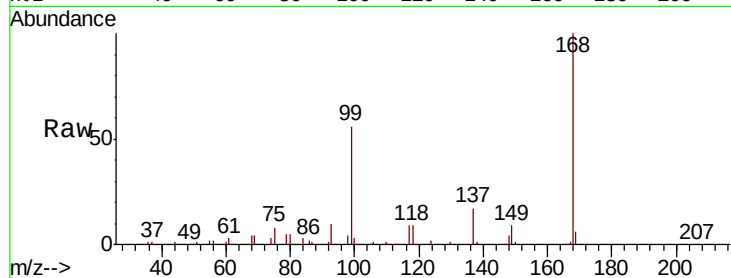
Tot Ion:117 Resp: 13973

Ion Ratio Lower Upper

117 100

119 5.0 78.1 117.1#

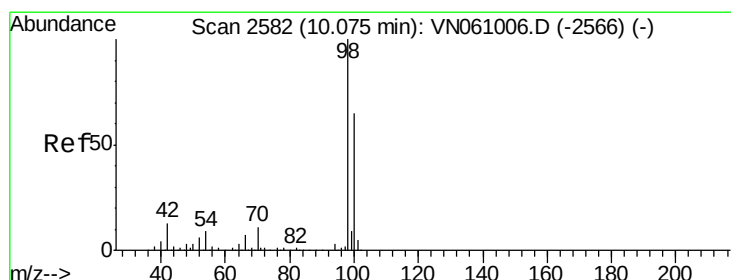
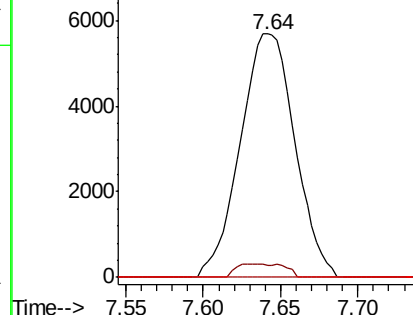
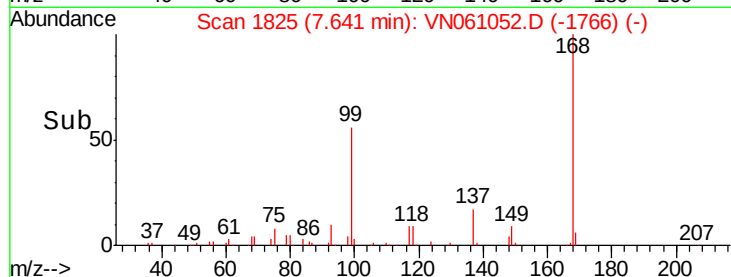
121 0.0 24.0 36.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 56.094 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061052.D

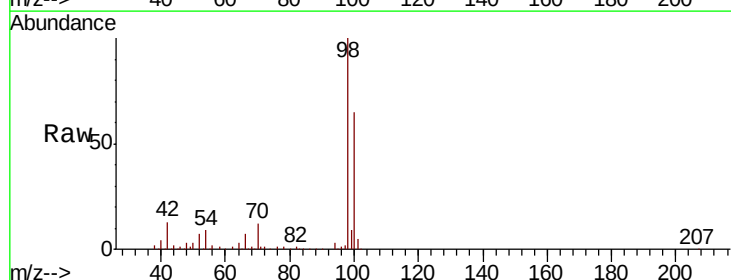
Acq: 17 Apr 2020 15:46

Tgt Ion: 98 Resp: 301891

Ion Ratio Lower Upper

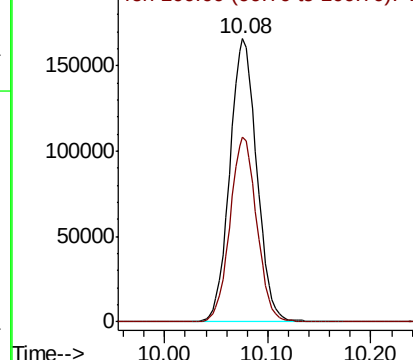
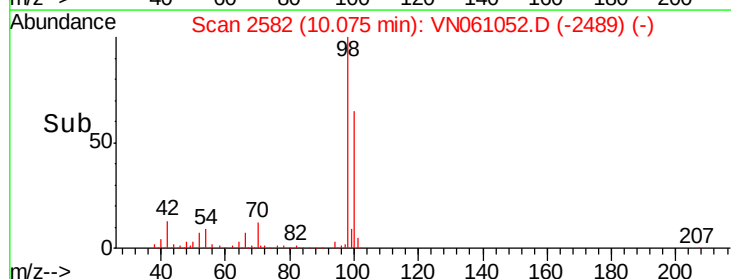
98 100

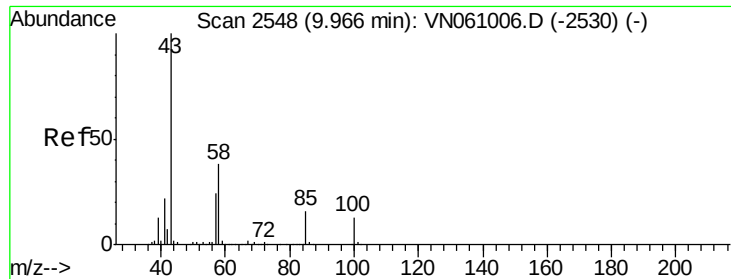
100 64.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#51

4-Methyl-2-Pentanone

Concen: 0.606 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.11 min

Lab File: VN061052.D

Acq: 17 Apr 2020 15:46

Instrument :

MSVOA_N

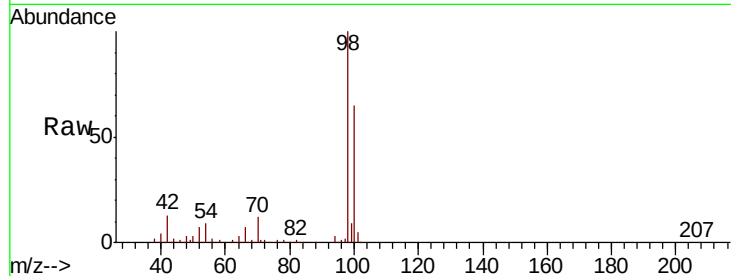
ClientSampleId :

Tot Ion: 43 Resp: 1552

Ion Ratio Lower Upper

43 100

58 167.8 30.3 45.5#



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-2530) (-)

Ion 58.00 (57.70 to 58.70): VN061006.D (-2530) (-)

1500

1000

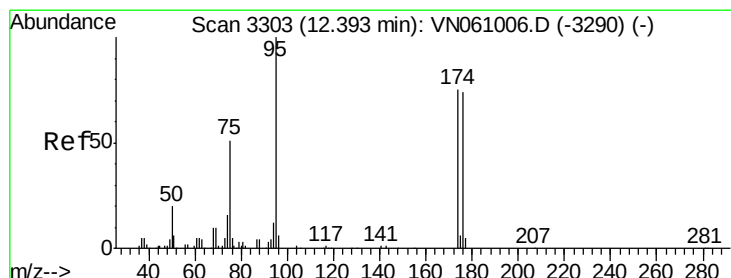
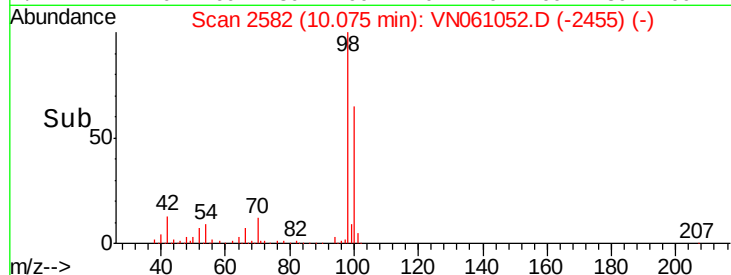
500

0

10.05

10.10

Time-->



#62

4-Bromofluorobenzene

Concen: 53.346 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN061052.D

Acq: 17 Apr 2020 15:46

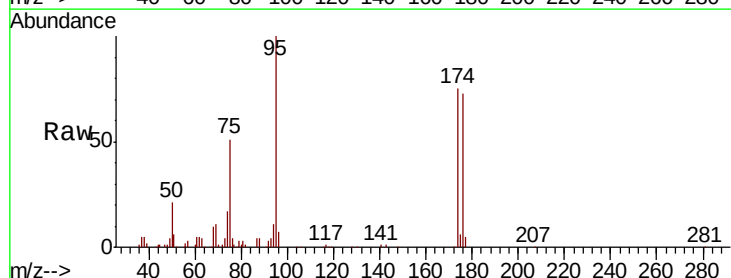
Tgt Ion: 95 Resp: 112524

Ion Ratio Lower Upper

95 100

174 74.7 0.0 151.2

176 72.8 0.0 148.2



Abundance Ion 94.90 (94.60 to 95.60): VN061006.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN061006.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN061006.D (-3290) (-)

80000

60000

40000

20000

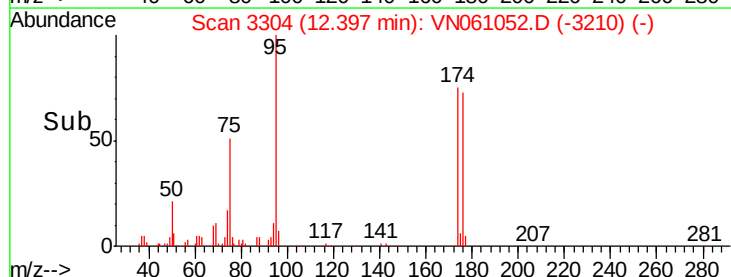
0

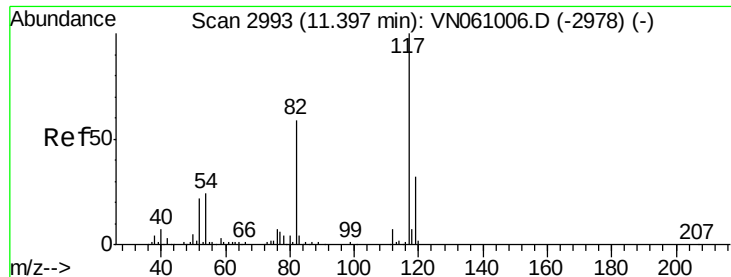
12.30

12.40

12.50

Time-->

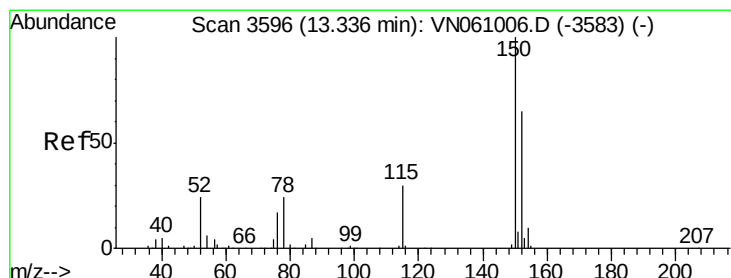
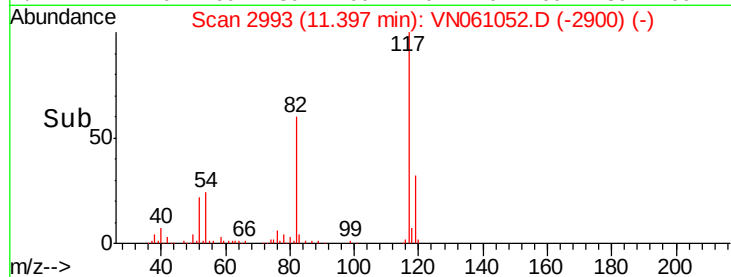
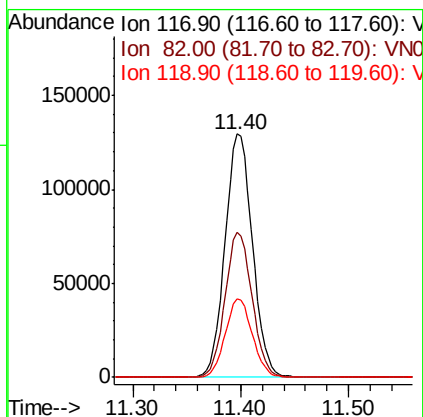
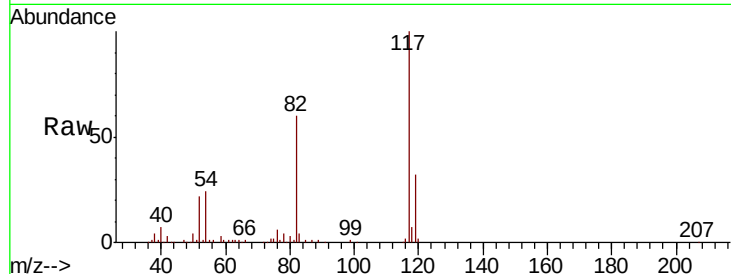




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061052.D
Acq: 17 Apr 2020 15:46

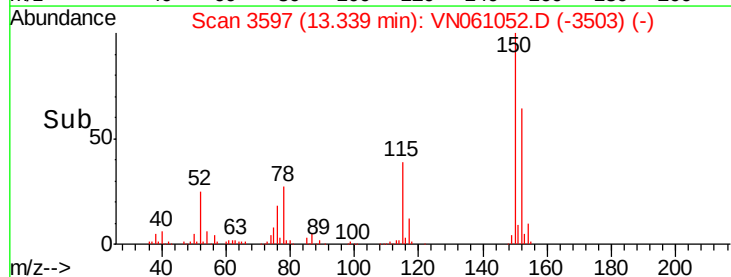
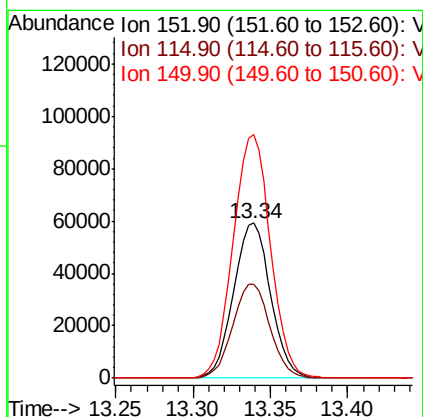
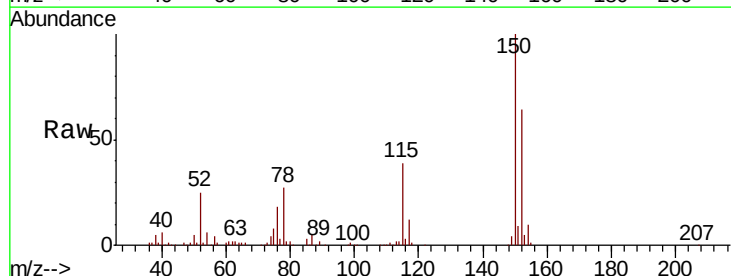
Instrument :
MSVOA_N
ClientSampleId :

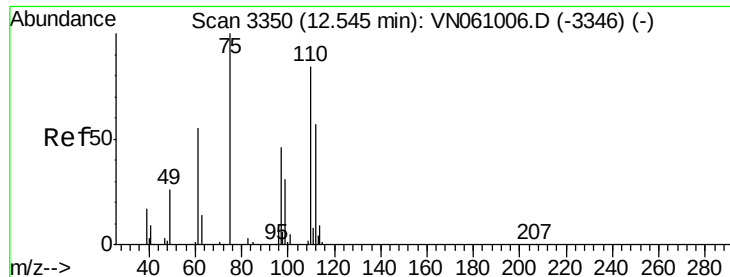
Tot Ion:117 Resp: 228394
Ion Ratio Lower Upper
117 100
82 59.5 47.1 70.7
119 32.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN061052.D
Acq: 17 Apr 2020 15:46

Tgt Ion:152 Resp: 98130
Ion Ratio Lower Upper
152 100
115 61.1 30.8 92.4
150 158.7 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 26.526 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN061052.D

Acq: 17 Apr 2020 15:46

Instrument :

MSVOA_N

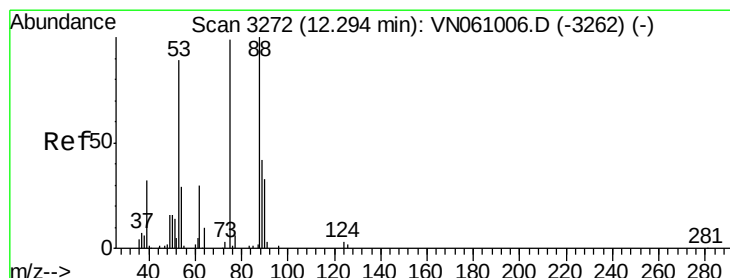
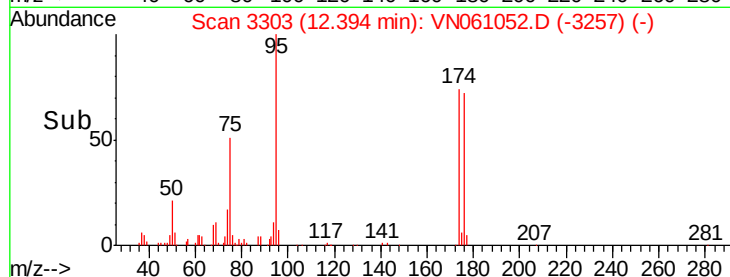
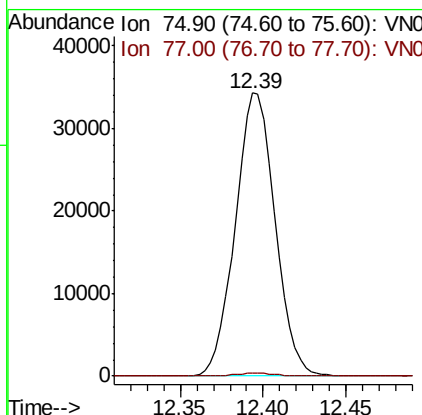
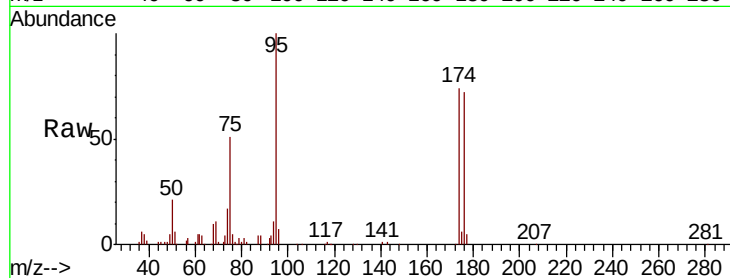
ClientSampleId :

Tot Ion: 75 Resp: 57255

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.428 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.10 min

Lab File: VN061052.D

Acq: 17 Apr 2020 15:46

Tgt Ion: 75 Resp: 57255

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.0 34.6 52.0#

