

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082019\
 Data File : VD063686.D
 Acq On : 20 Aug 2019 15:55
 Operator : JC/SY
 Sample : K4388-01
 Misc : 7.95g/5ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T4-B3-(0)

Quant Time: Aug 21 03:51:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

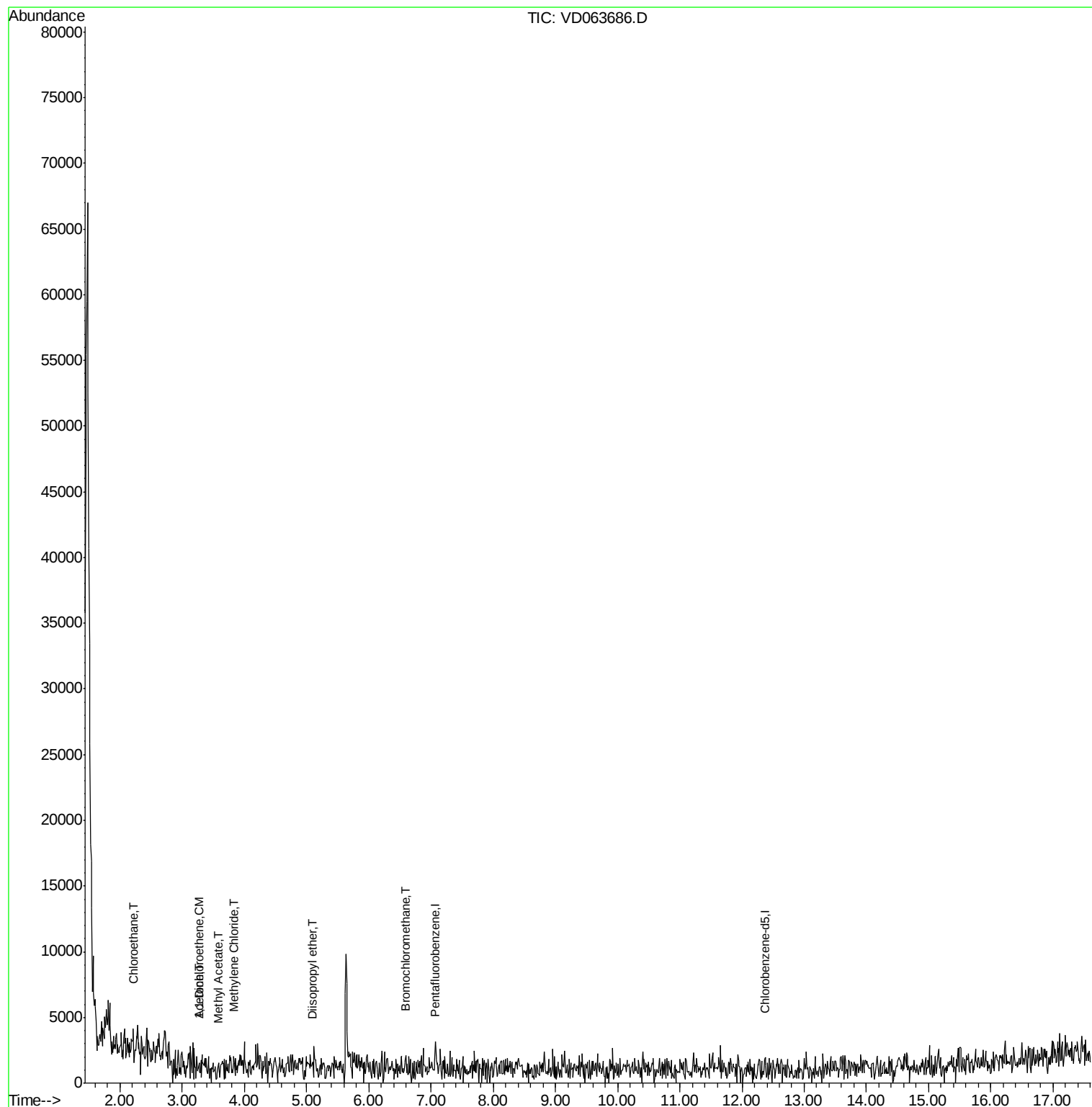
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	184	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-8.24
63) Chlorobenzene-d5	12.36	117	239	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-14.53
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	13.65	95	262	0.00	ug/l	0.09
Spiked Amount	50.000		Recovery	=	0.00%	
Target Compounds						
6) Chloroethane	2.21	64	193	244.441	ug/l #	42
12) 1,1-Dichloroethene	3.26	96	188	126.447	ug/l #	1
16) Acetone	3.26	43	307	767.854	ug/l #	65
18) Methyl Acetate	3.56	43	214	282.581	ug/l #	57
20) Methylene Chloride	3.84	84	394	227.896	ug/l #	5
22) Diisopropyl ether	5.08	45	188	40.762	ug/l #	33
28) Bromochloromethane	6.59	49	250	215.635	ug/l #	7

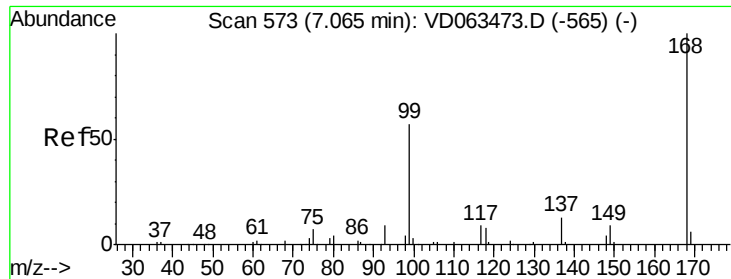
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.02 min

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Instrument :

MSVOA_D

ClientSampleId :

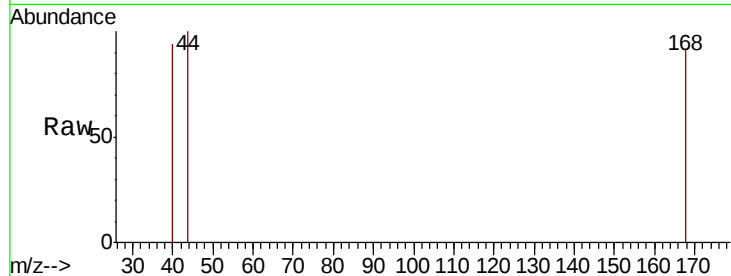
T4-B3-(0)

Tgt Ion:168 Resp: 184

Ion Ratio Lower Upper

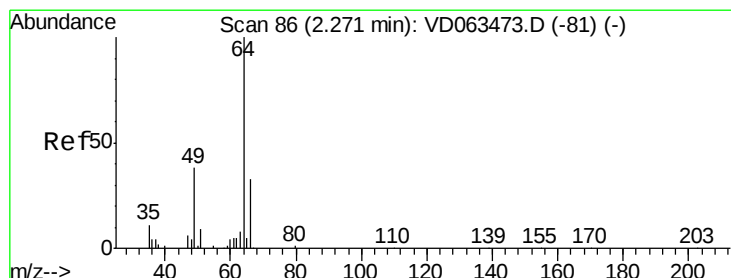
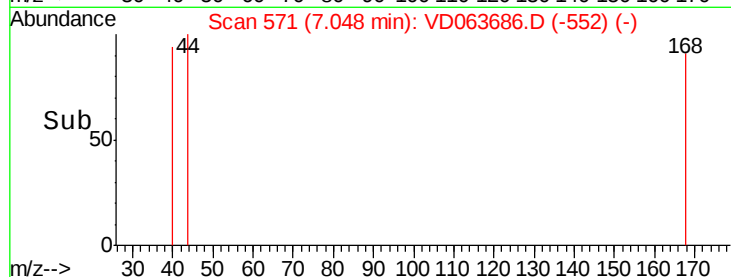
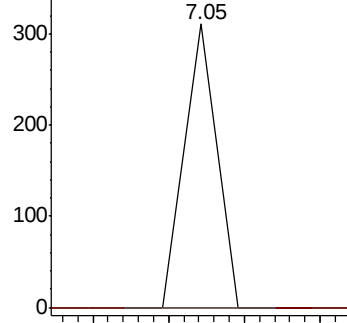
168 100

99 0.0 46.7 70.1#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#6

Chloroethane

Concen: 244.441 ug/l

RT: 2.21 min Scan# 80

Delta R.T. -0.06 min

Lab File: VD063686.D

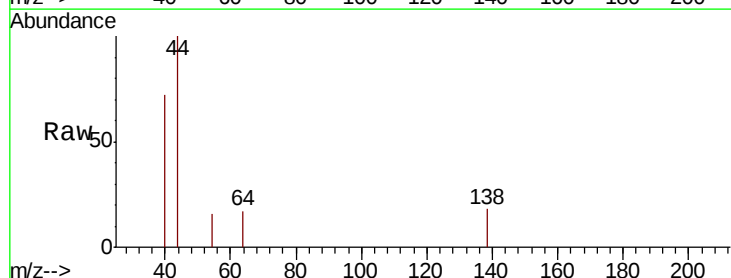
Acq: 20 Aug 2019 15:55

Tgt Ion: 64 Resp: 193

Ion Ratio Lower Upper

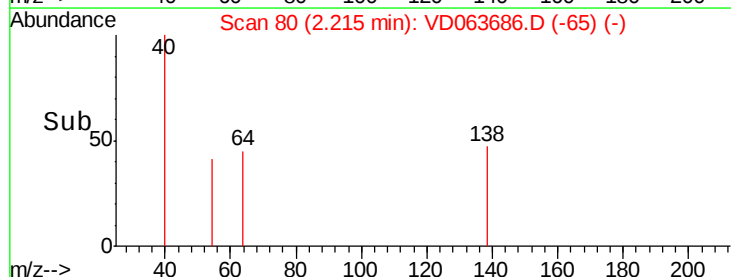
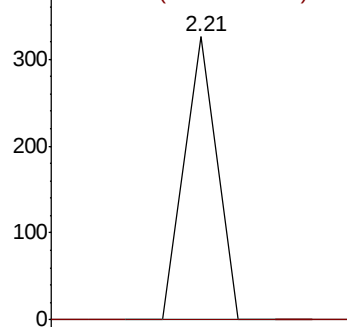
64 100

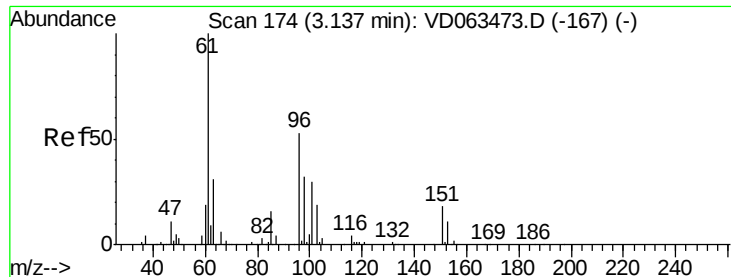
66 0.0 26.3 39.5#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC





#12

1,1-Dichloroethene

Concen: 126.447 ug/l

RT: 3.26 min Scan# 186

Delta R.T. 0.12 min

Lab File: VD063686.D

Acq: 20 Aug 2019 15:55

Instrument :

MSVOA_D

ClientSampleId :

T4-B3-(0)

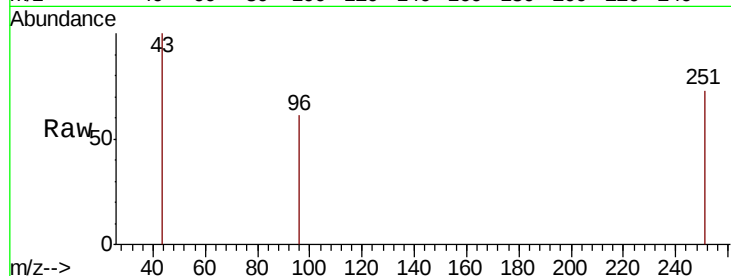
Tgt Ion: 96 Resp: 188

Ion Ratio Lower Upper

96 100

61 0.0 151.7 227.5#

98 0.0 48.4 72.6#



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC

3.26

300

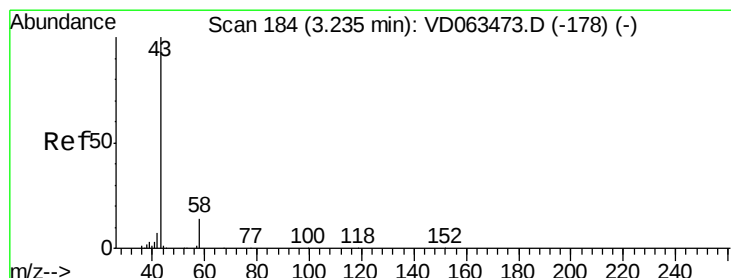
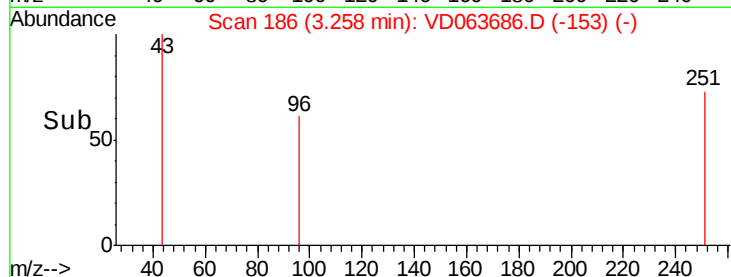
200

100

0

3.22 3.24 3.26 3.28

Time-->



#16

Acetone

Concen: 767.854 ug/l

RT: 3.26 min Scan# 186

Delta R.T. 0.02 min

Lab File: VD063686.D

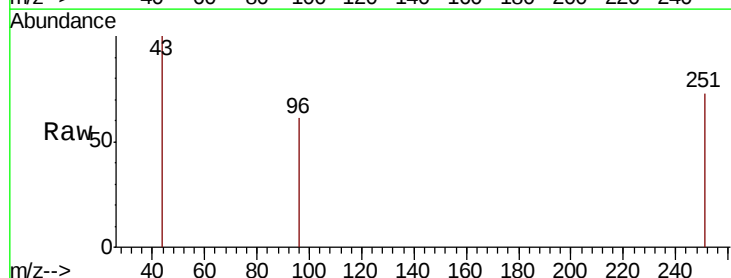
Acq: 20 Aug 2019 15:55

Tgt Ion: 43 Resp: 307

Ion Ratio Lower Upper

43 100

58 0.0 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

600

500

400

300

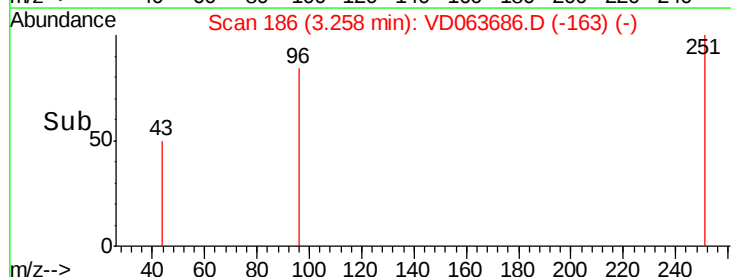
200

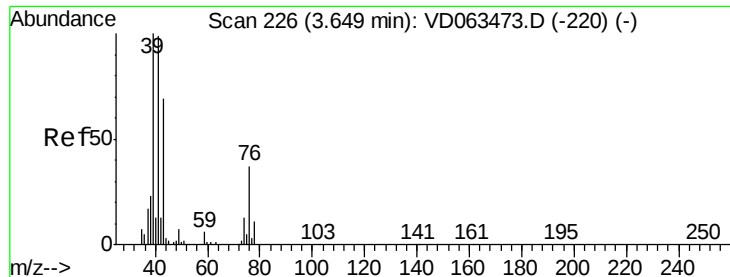
100

0

3.22 3.24 3.26 3.28

Time-->

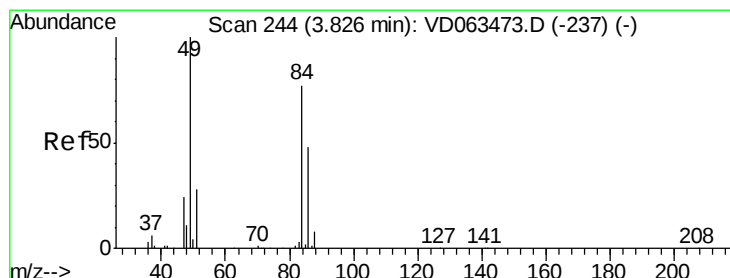
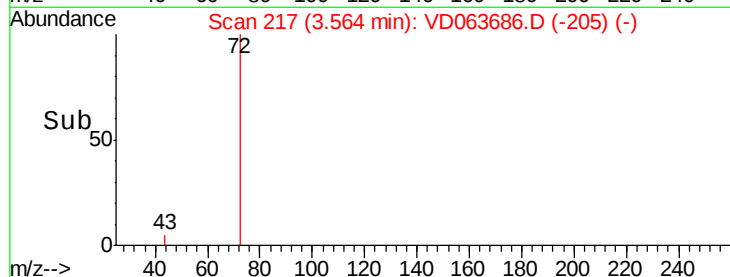
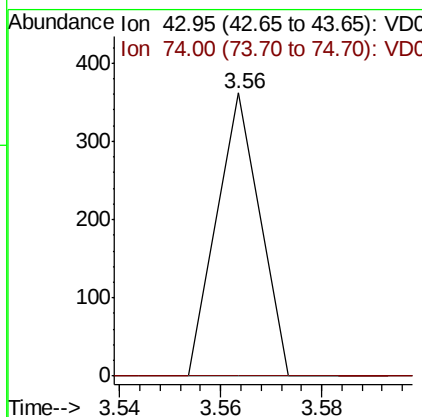
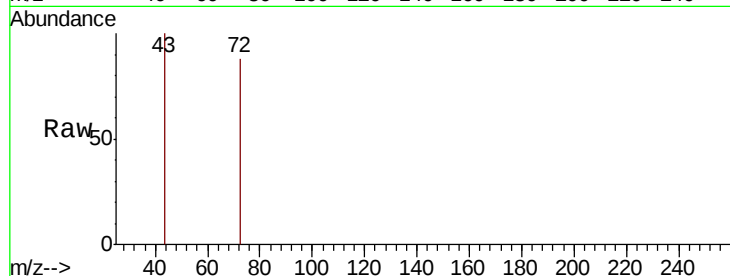




#18
Methyl Acetate
Concen: 282.581 ug/l
RT: 3.56 min Scan# 217
Delta R.T. -0.09 min
Lab File: VD063686.D
Acq: 20 Aug 2019 15:55

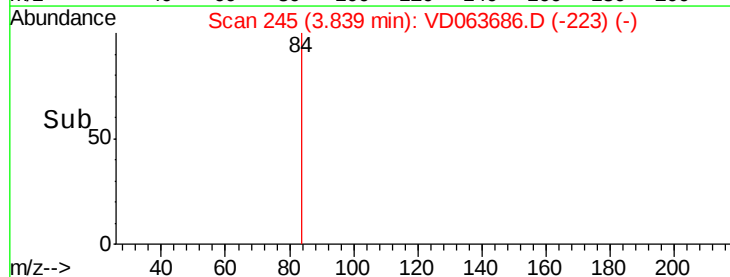
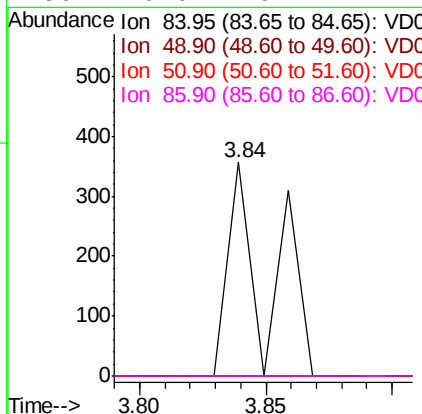
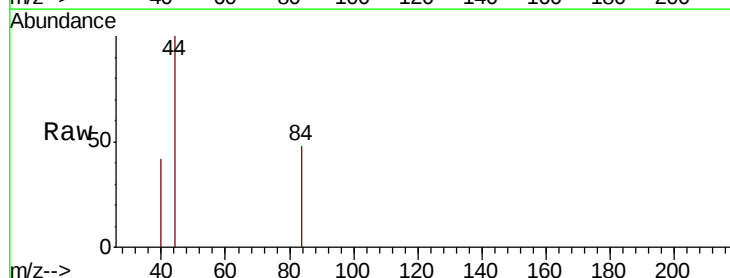
Instrument :
MSVOA_D
ClientSampleId :
T4-B3-(0)

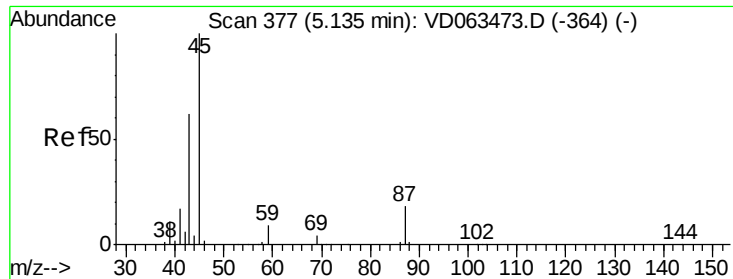
Tgt Ion: 43 Resp: 214
Ion Ratio Lower Upper
43 100
74 0.0 15.4 23.2#



#20
Methylene Chloride
Concen: 227.896 ug/l
RT: 3.84 min Scan# 245
Delta R.T. 0.01 min
Lab File: VD063686.D
Acq: 20 Aug 2019 15:55

Tgt Ion: 84 Resp: 394
Ion Ratio Lower Upper
84 100
49 0.0 103.4 155.2#
51 0.0 28.5 42.7#
86 0.0 49.4 74.2#





#22

Diisopropyl ether

Concen: 40.762 ug/l

RT: 5.08 min Scan# 371

Delta R.T. -0.06 min

Lab File: VD063686.D

Acq: 20 Aug 2019 15:55

Instrument :

MSVOA_D

ClientSampleId :

T4-B3-(0)

Tgt Ion: 45 Resp: 188

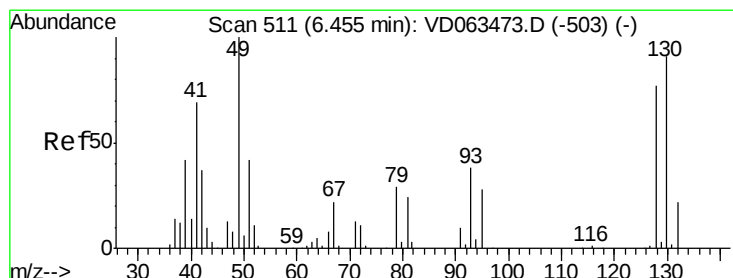
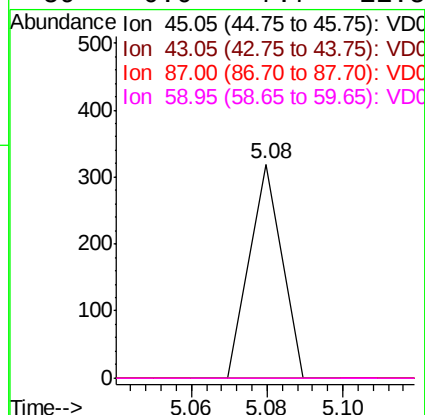
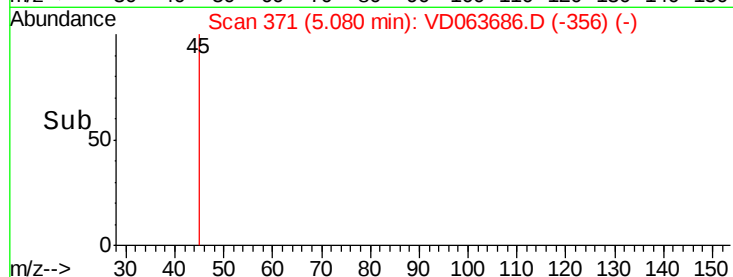
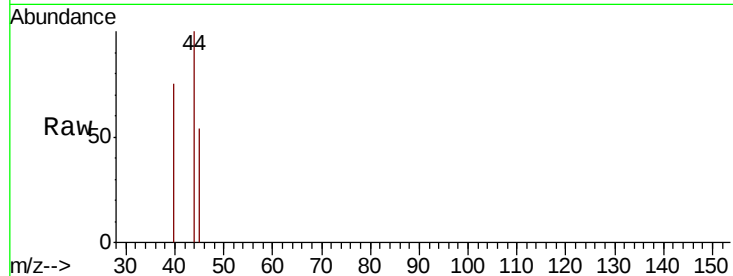
Ion Ratio Lower Upper

45 100

43 0.0 50.3 75.5#

87 0.0 14.3 21.5#

59 0.0 7.7 11.5#



#28

Bromochloromethane

Concen: 215.635 ug/l

RT: 6.59 min Scan# 524

Delta R.T. 0.13 min

Lab File: VD063686.D

Acq: 20 Aug 2019 15:55

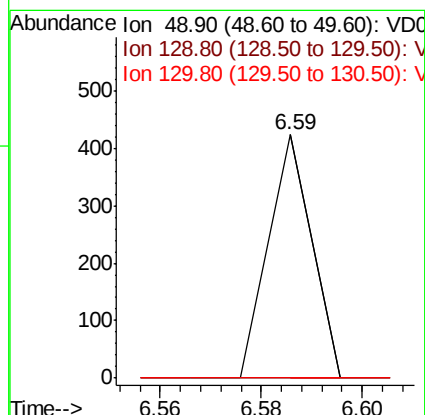
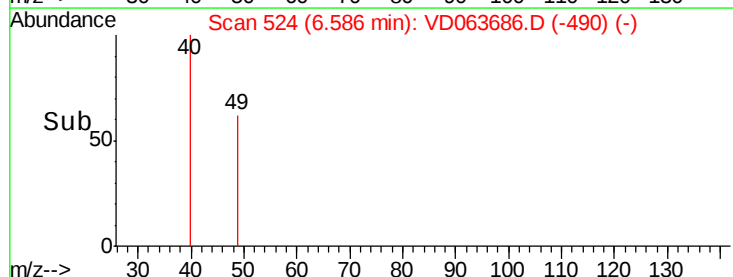
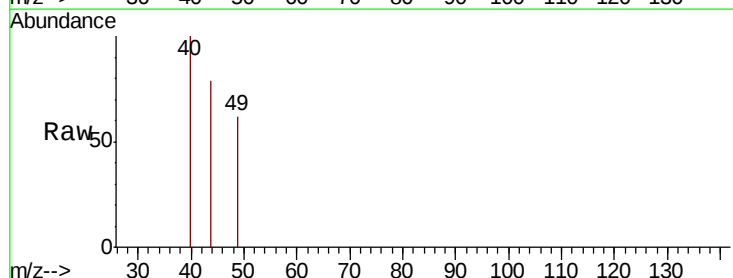
Tgt Ion: 49 Resp: 250

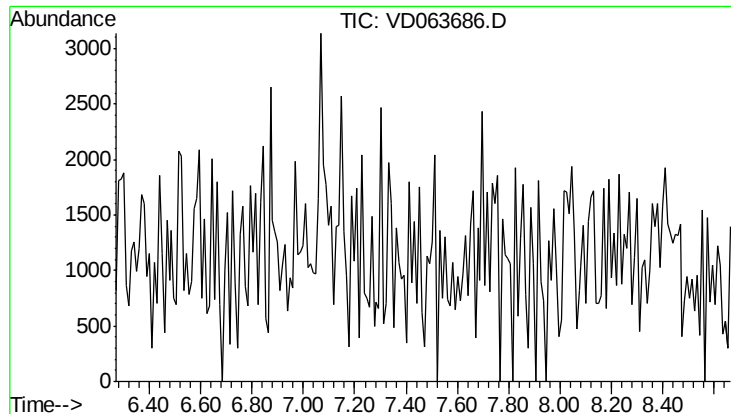
Ion Ratio Lower Upper

49 100

129 0.0 0.0 6.4

130 0.0 72.4 108.6#

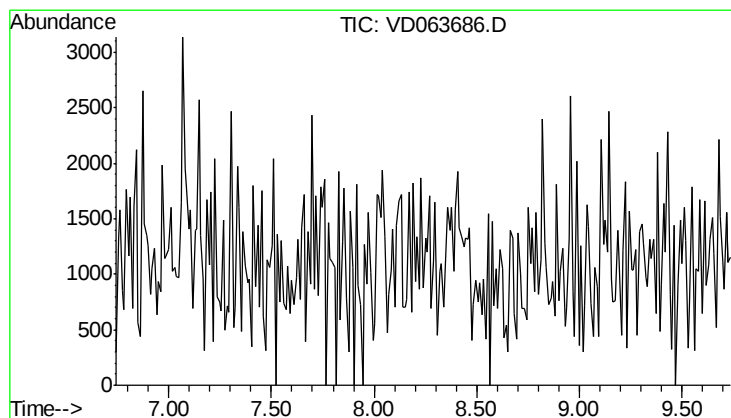
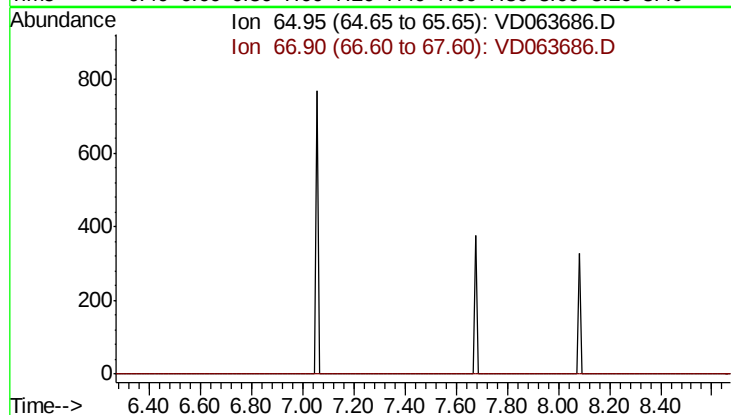




#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 7.47 min
 Lab File: VD063686.D
 Acq: 20 Aug 2019 15:55

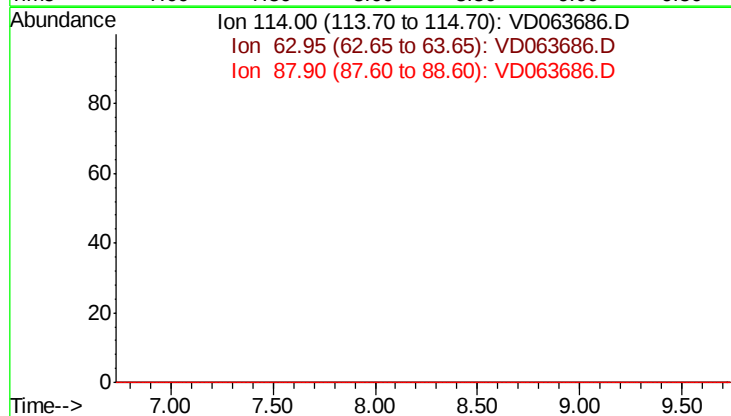
Instrument :
 MSVOA_D
 ClientSampleId :
 T4-B3-(0)

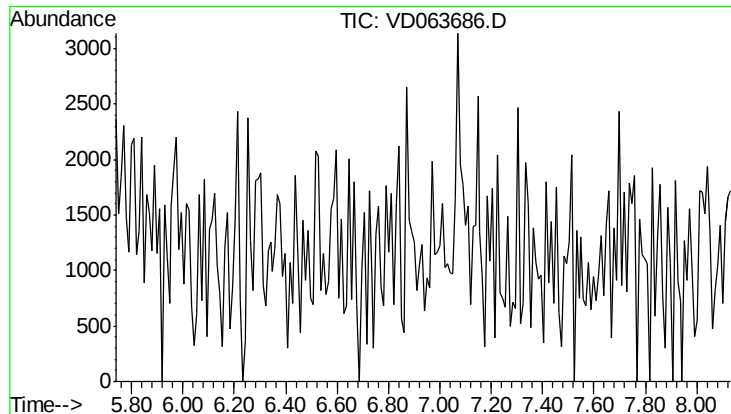
Tgt Ion: 65
 Sig Exp Ratio
 65 100
 67 44.6



#34
 1,4-Difluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 8.24 min
 Lab File: VD063686.D
 Acq: 20 Aug 2019 15:55

Tgt Ion: 114
 Sig Exp Ratio
 114 100
 63 18.1
 88 17.5

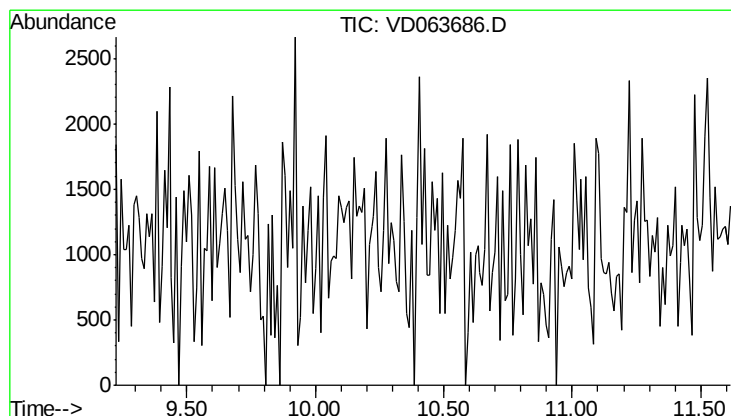
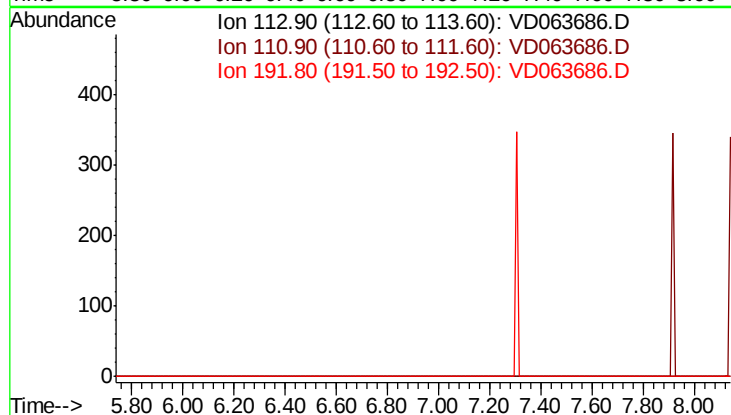




#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 6.94 min
 Lab File: VD063686.D
 Acq: 20 Aug 2019 15:55

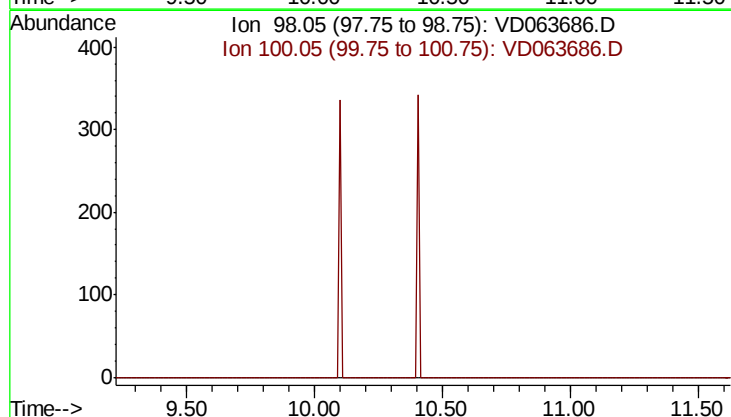
Instrument :
 MSVOA_D
 ClientSampleId :
 T4-B3-(0)

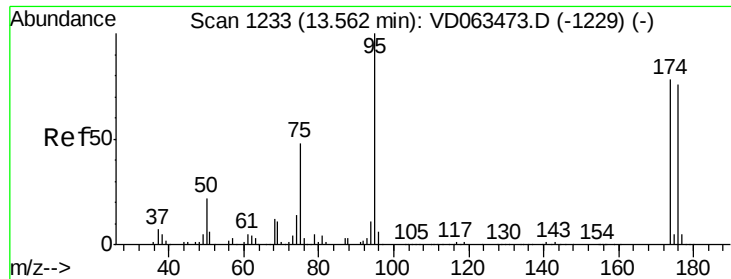
Tgt Ion: 113
 Sig Exp Ratio
 113 100
 111 103.9
 192 16.4



#50
 Toluene-d8
 Concen: 0.000 ug/l
 Expected RT: 10.42 min
 Lab File: VD063686.D
 Acq: 20 Aug 2019 15:55

Tgt Ion: 98
 Sig Exp Ratio
 98 100
 100 64.6





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

RT: 13.65 min Scan# 1242

Delta R.T. 0.09 min

Lab File: VD063686.D

Acq: 20 Aug 2019 15:55

Instrument :

MSVOA_D

ClientSampleId :

T4-B3-(0)

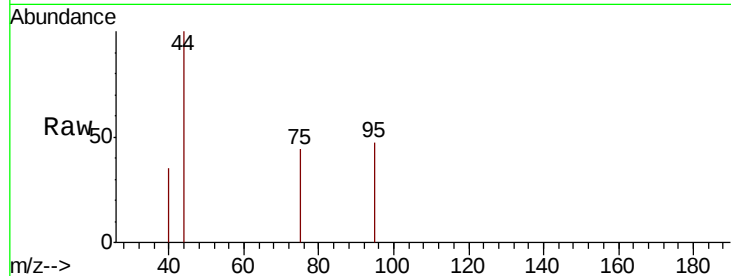
Tgt Ion: 95 Resp: 262

Ion Ratio Lower Upper

95 100

174 0.0 0.0 155.4

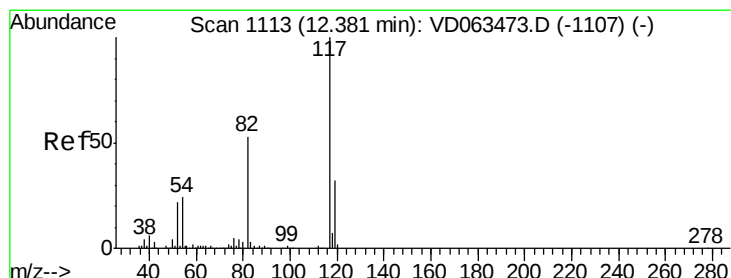
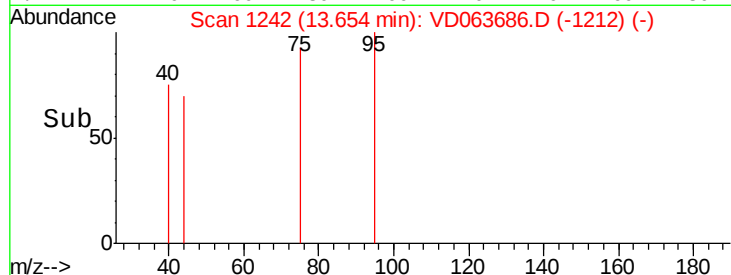
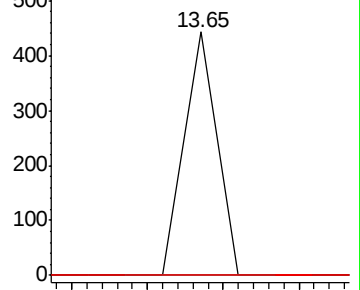
176 0.0 0.0 152.4



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VD063686.D

Acq: 20 Aug 2019 15:55

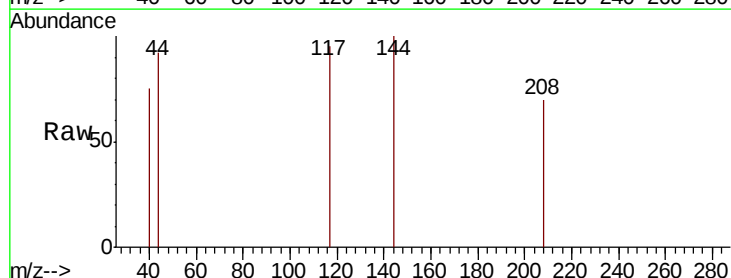
Tgt Ion: 117 Resp: 239

Ion Ratio Lower Upper

117 100

82 0.0 42.0 63.0#

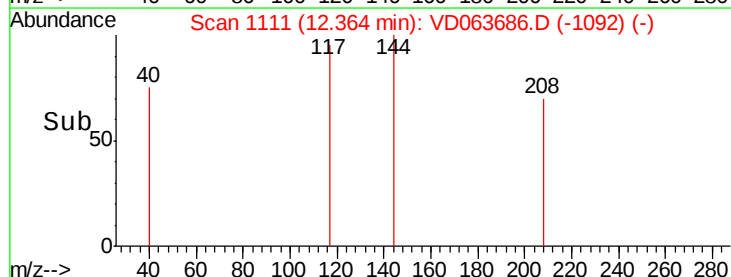
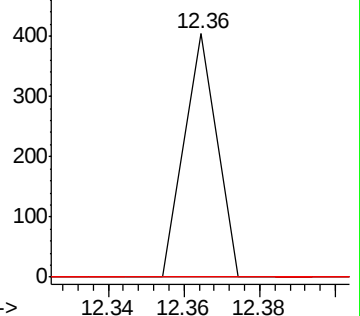
119 0.0 25.4 38.0#

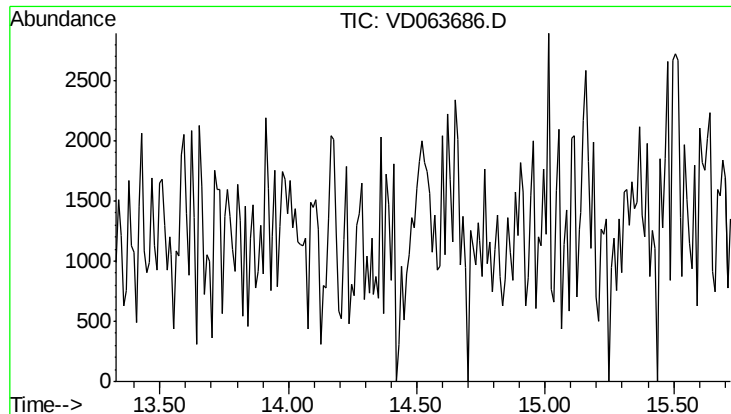


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ug/l
 Expected RT: 14.53 min
 Lab File: VD063686.D
 Acq: 20 Aug 2019 15:55

Instrument :
 MSVOA_D
 ClientSampleId :
 T4-B3-(0)

Tgt Ion: 152
 Sig Exp Ratio
 152 100
 115 61.8
 150 159.3

