

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061418\
 Data File : VD058148.D
 Acq On : 14 Jun 2018 21:06
 Operator : VA/AP
 Sample : J3501-11
 Misc : 6.06g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 15 06:06:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	637330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	817971	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	701645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	374192	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	266708	41.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.72%	
35) Dibromofluoromethane	5.54	113	275306	43.50	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	87.00%	
50) Toluene-d8	8.71	98	623401	41.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.86%	
62) 4-Bromofluorobenzene	11.93	95	260580	39.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.40%	

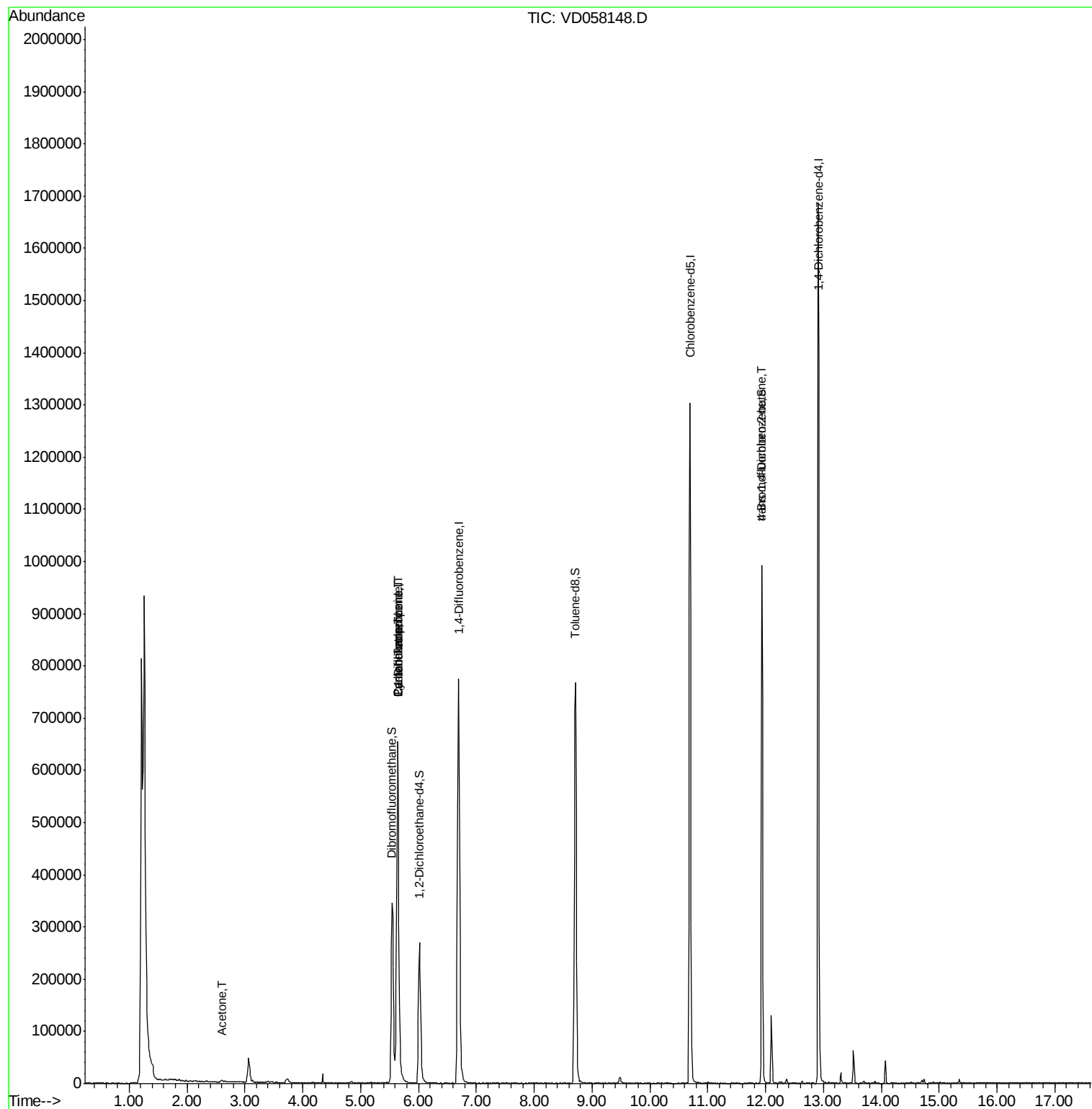
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.60	43	7717	8.406	ug/l #	90
31) Cyclohexane	5.63	56	13027	1.176	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	52959	5.877	ug/l #	50
38) Carbon Tetrachloride	5.64	117	52910	5.957	ug/l #	15
81) trans-1,4-Dichloro-2-buten	11.93	75	127778	91.781	ug/l #	6
82) 4-Chlorotoluene	12.33	91	263	Below Cal	#	50

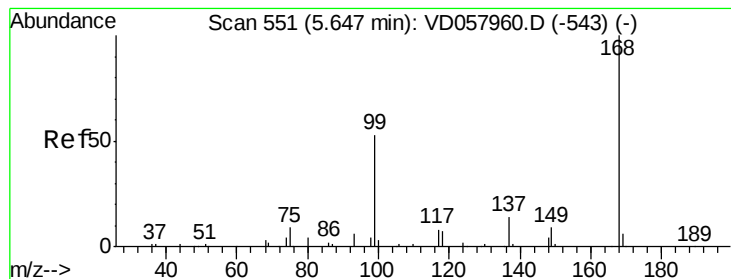
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.00 min

Lab File: VD058148.D

Acq: 14 Jun 2018 21:06

Instrument :

MSVOA_D

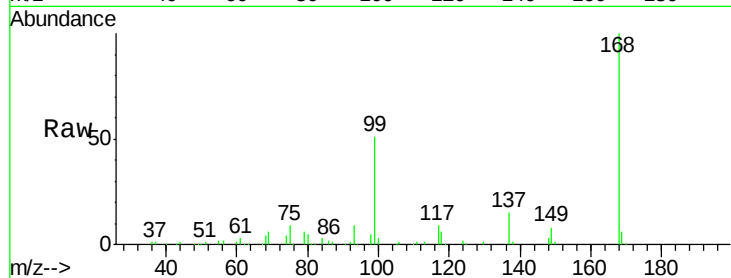
ClientSampleId :

Tot Ion:168 Resp: 637330

Ion Ratio Lower Upper

168 100

99 51.0 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.64

250000

200000

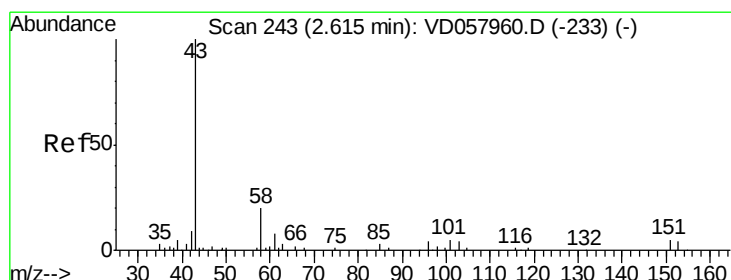
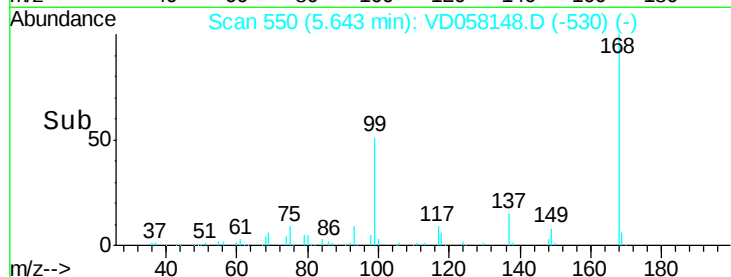
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.406 ug/l

RT: 2.60 min Scan# 241

Delta R.T. -0.01 min

Lab File: VD058148.D

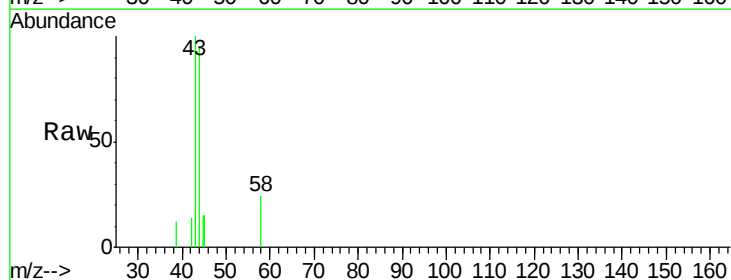
Acq: 14 Jun 2018 21:06

Tgt Ion: 43 Resp: 7717

Ion Ratio Lower Upper

43 100

58 24.2 15.8 23.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2.60

2500

2000

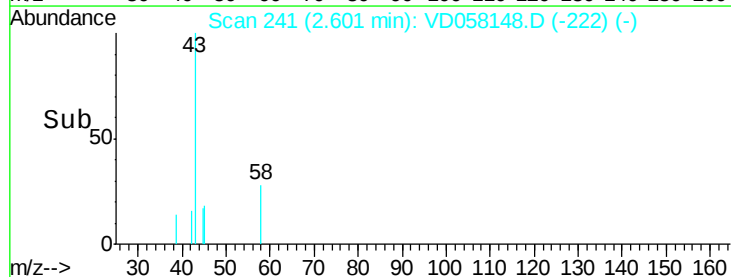
1500

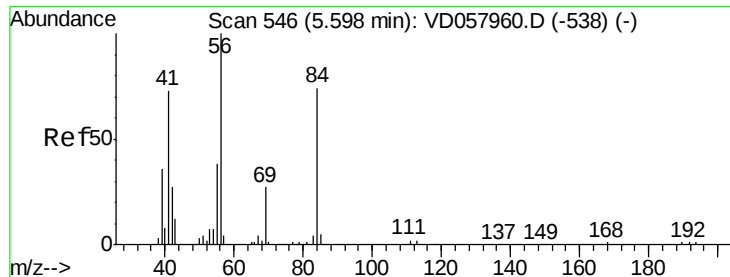
1000

500

0

Time-->

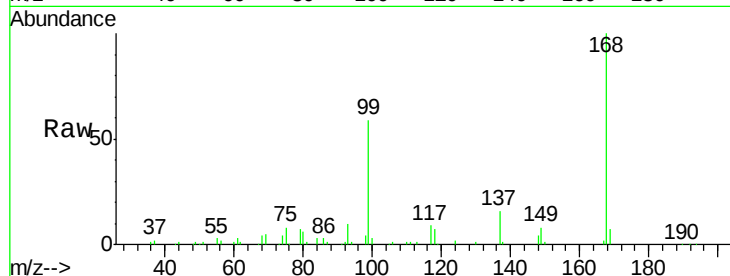




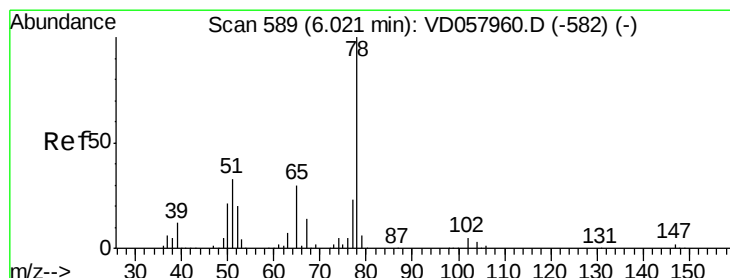
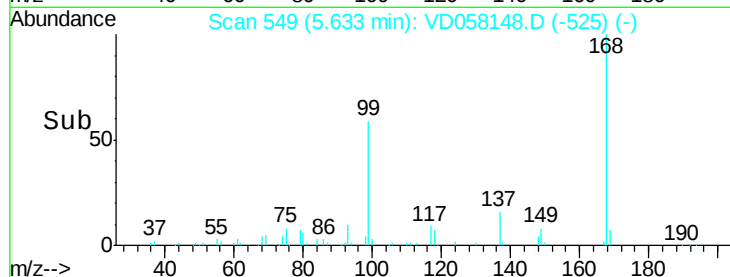
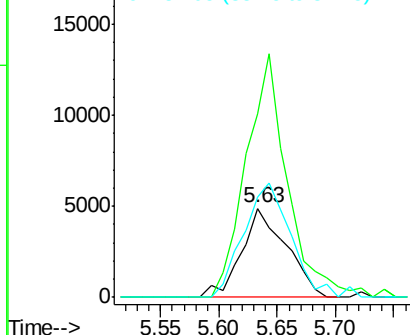
#31
Cyclohexane
Concen: 1.176 ug/l
RT: 5.63 min Scan# 549
Delta R.T. 0.04 min
Lab File: VD058148.D
Acq: 14 Jun 2018 21:06

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 13027
Ion Ratio Lower Upper
56 100
69 206.7 21.5 32.3#
84 112.9 61.0 91.6#

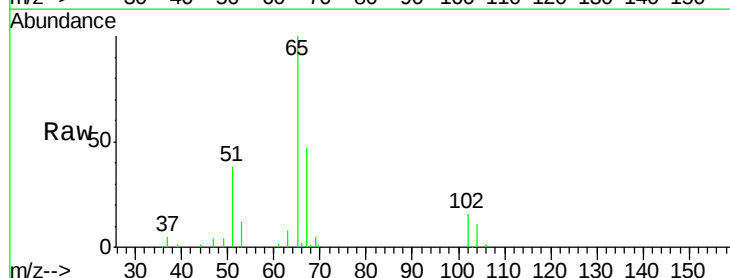


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

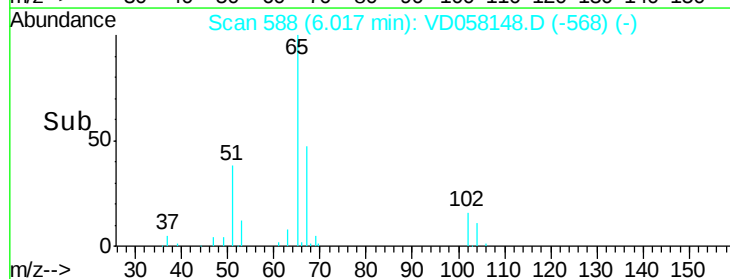
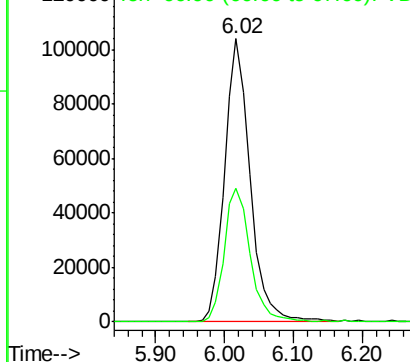


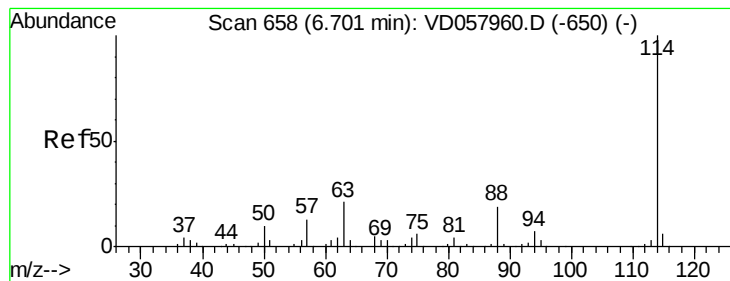
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.02 min Scan# 588
Delta R.T. -0.00 min
Lab File: VD058148.D
Acq: 14 Jun 2018 21:06

Tgt Ion: 65 Resp: 266708
Ion Ratio Lower Upper
65 100
67 47.1 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: VD058148.D

Acq: 14 Jun 2018 21:06

Instrument :

MSVOA_D

ClientSampleId :

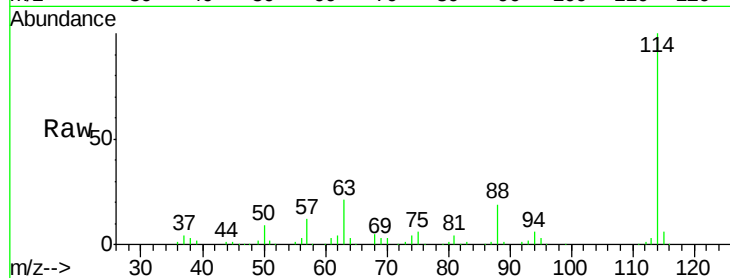
Tot Ion:114 Resp: 817971

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.8

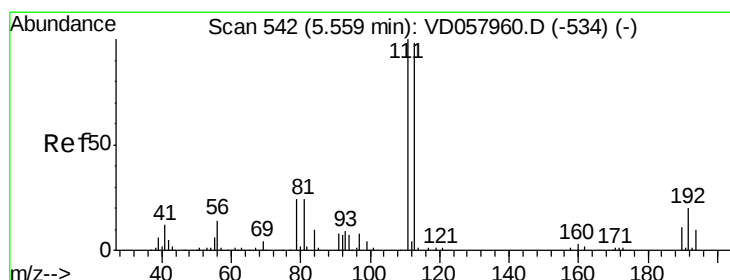
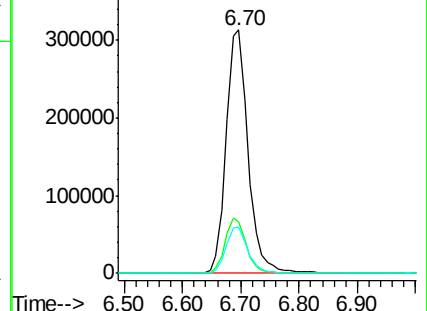
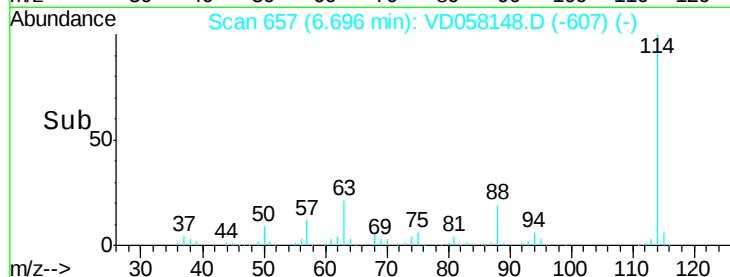
88 19.1 0.0 37.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.54 min Scan# 540

Delta R.T. -0.01 min

Lab File: VD058148.D

Acq: 14 Jun 2018 21:06

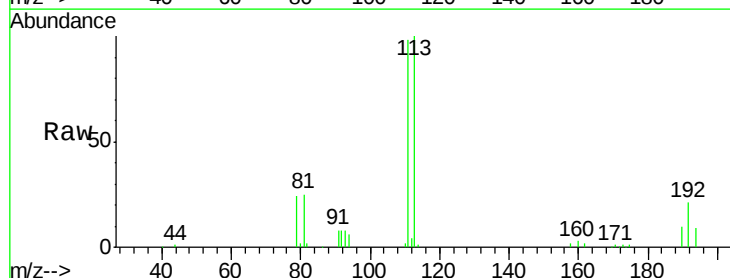
Tgt Ion:113 Resp: 275306

Ion Ratio Lower Upper

113 100

111 98.4 81.5 122.3

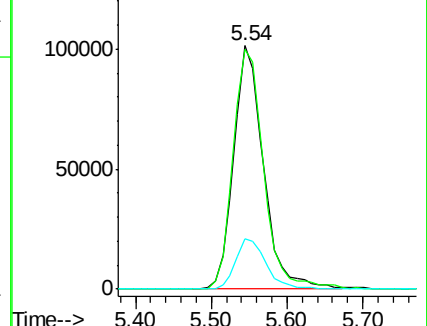
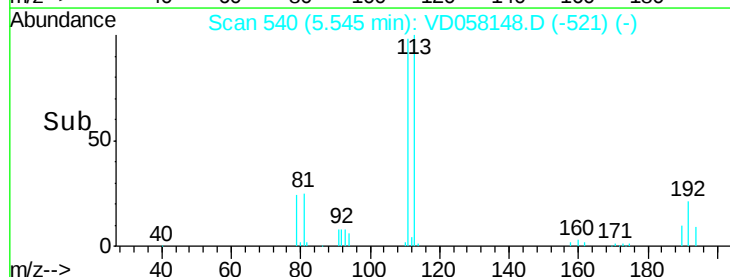
192 20.9 16.4 24.6

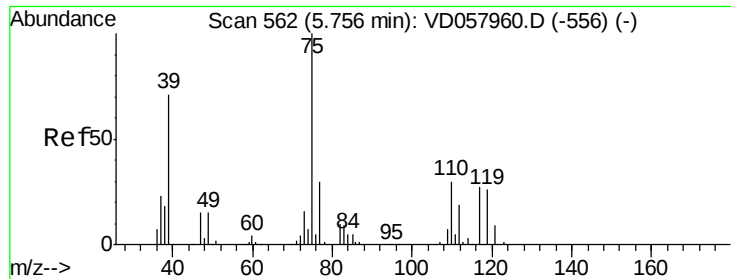


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 5.877 ug/l

RT: 5.64 min Scan# 550

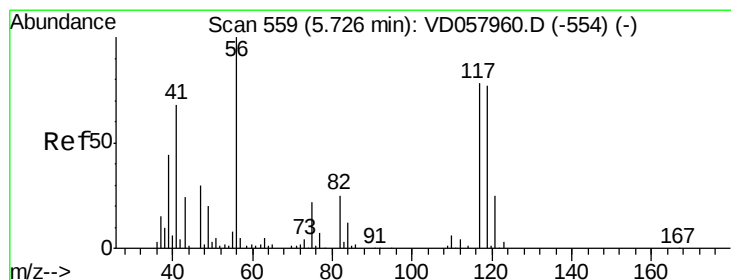
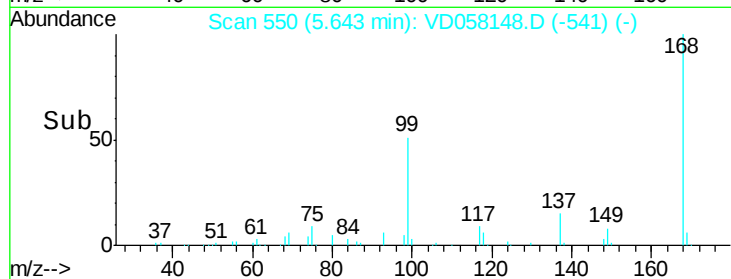
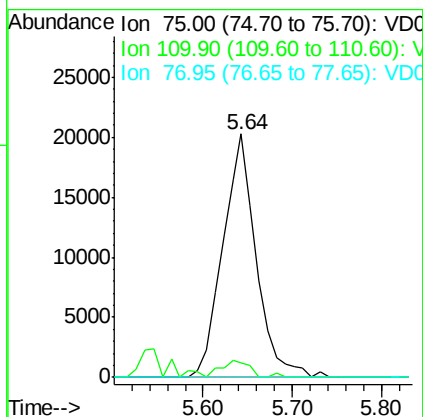
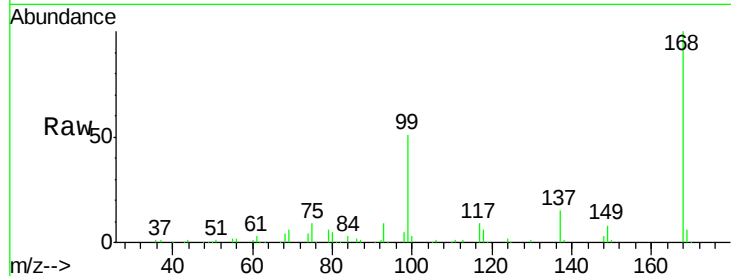
Delta R.T. -0.11 min

Lab File: VD058148.D

Acq: 14 Jun 2018 21:06

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:	75	Resp:	52959
Ion	Ratio	Lower	Upper
75	100		
110	5.7	14.8	44.3#
77	0.0	23.9	35.9#



#38

Carbon Tetrachloride

Concen: 5.957 ug/l

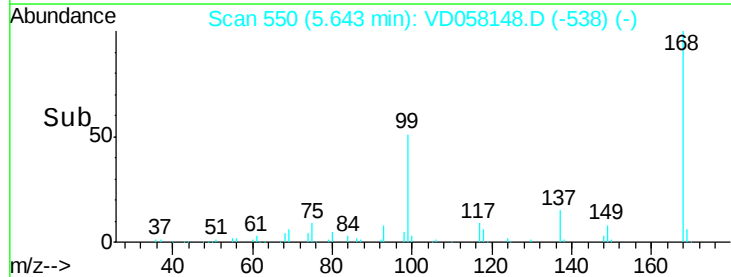
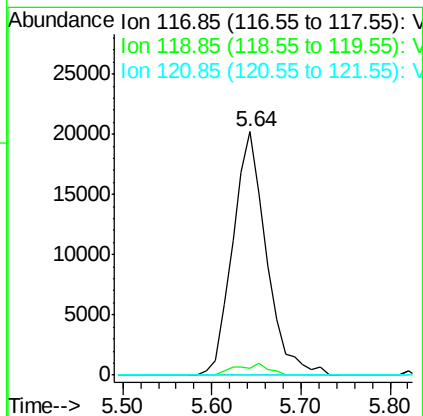
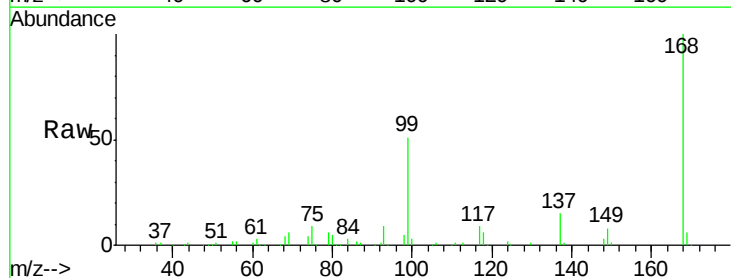
RT: 5.64 min Scan# 550

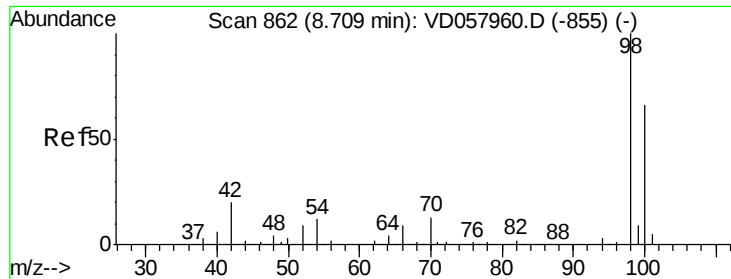
Delta R.T. -0.08 min

Lab File: VD058148.D

Acq: 14 Jun 2018 21:06

Tgt Ion:	117	Resp:	52910
Ion	Ratio	Lower	Upper
117	100		
119	2.8	76.1	114.1#
121	0.0	24.9	37.3#

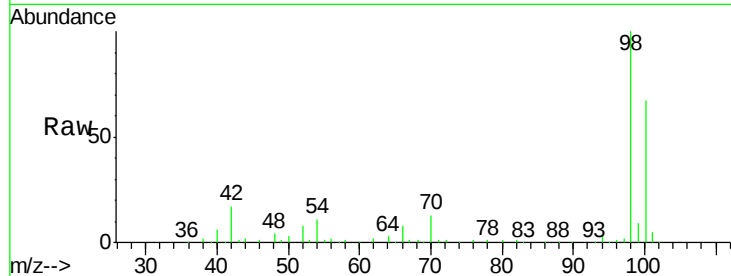




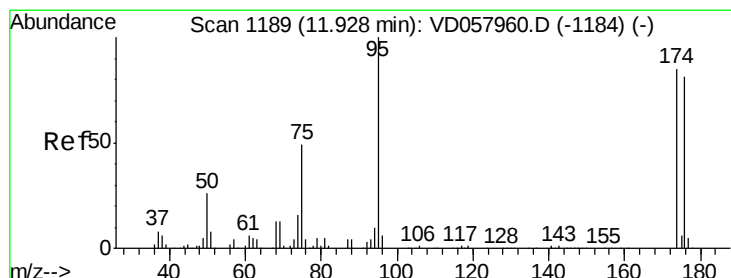
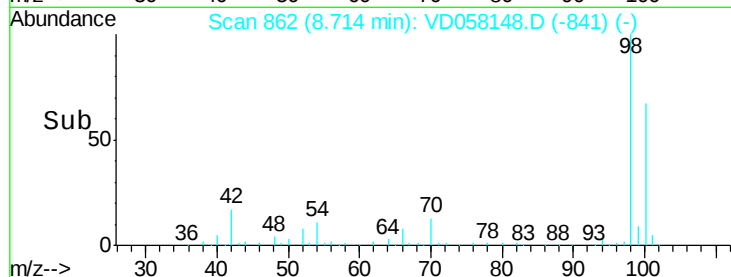
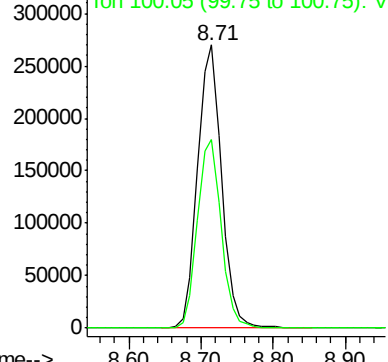
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 862
Delta R.T. 0.01 min
Lab File: VD058148.D
Acq: 14 Jun 2018 21:06

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 623401
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.0

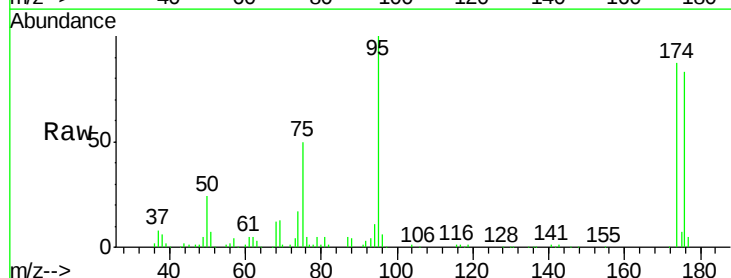


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

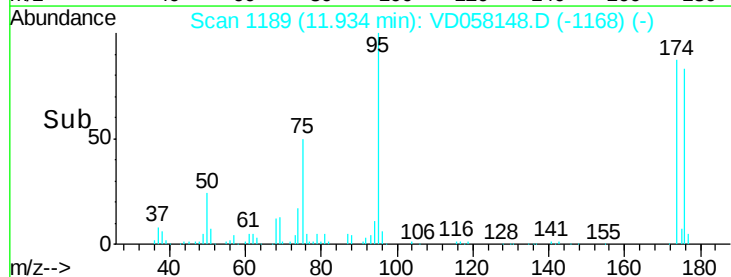
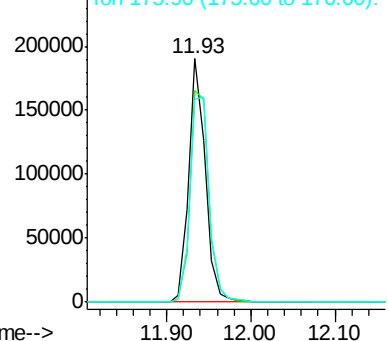


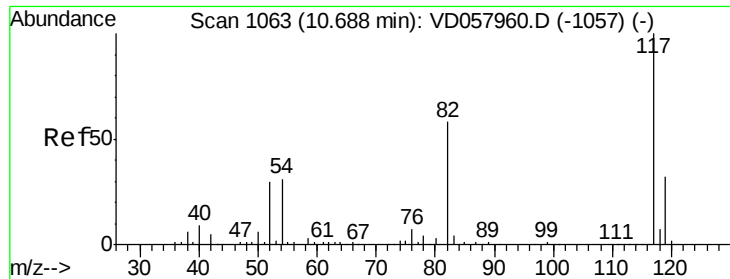
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.01 min
Lab File: VD058148.D
Acq: 14 Jun 2018 21:06

Tgt Ion: 95 Resp: 260580
Ion Ratio Lower Upper
95 100
174 87.1 0.0 169.4
176 83.1 0.0 162.6



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC

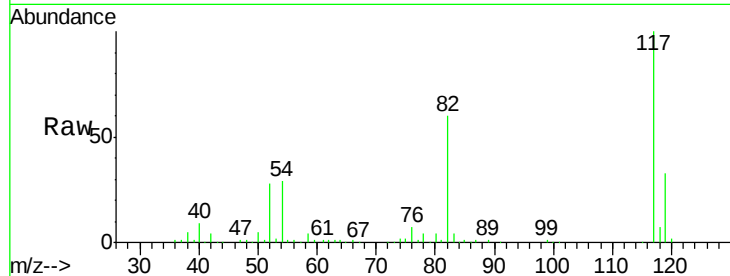




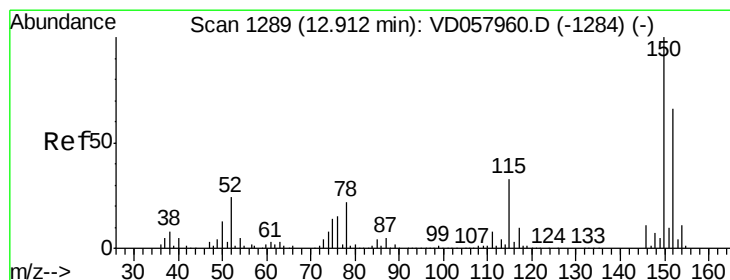
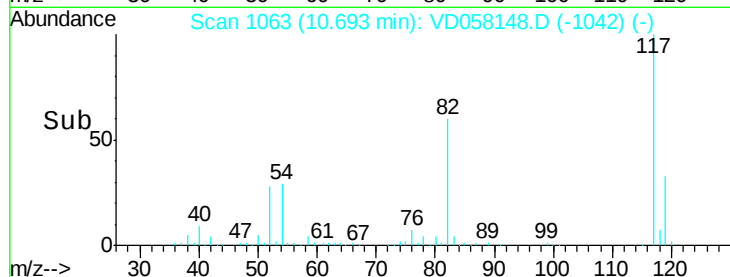
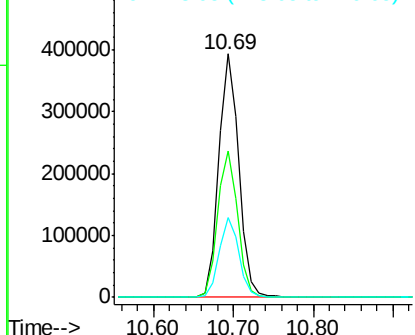
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. 0.01 min
Lab File: VD058148.D
Acq: 14 Jun 2018 21:06

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 701645
Ion Ratio Lower Upper
117 100
82 60.0 46.8 70.2
119 32.5 25.8 38.6

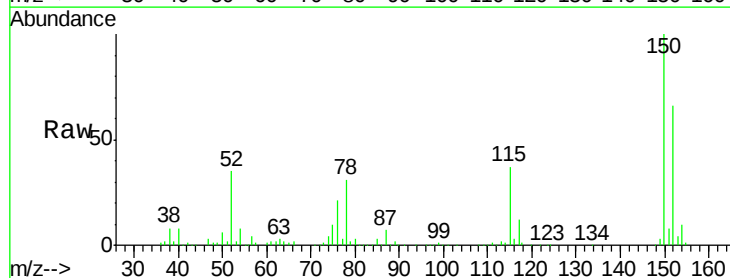


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

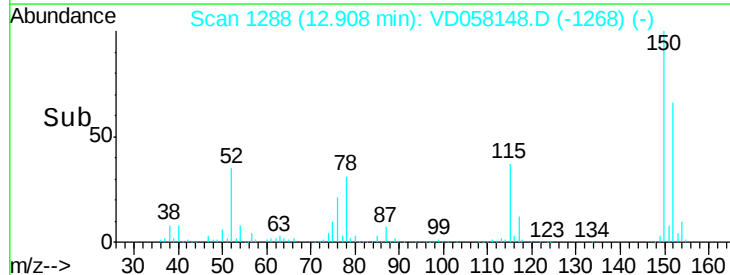
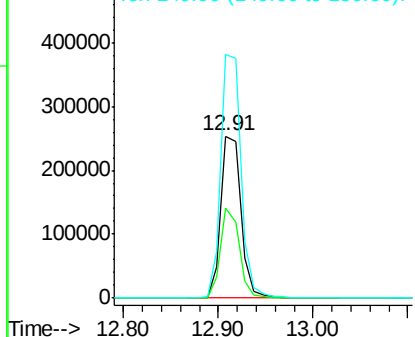


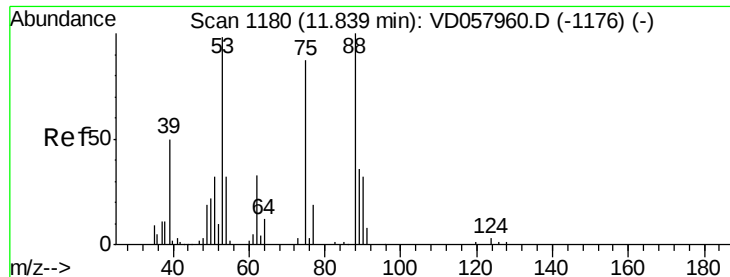
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VD058148.D
Acq: 14 Jun 2018 21:06

Tgt Ion:152 Resp: 374192
Ion Ratio Lower Upper
152 100
115 55.5 25.6 76.6
150 150.4 0.0 306.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 91.781 ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.09 min

Lab File: VD058148.D

Acq: 14 Jun 2018 21:06

Instrument :

MSVOA_D

ClientSampled :

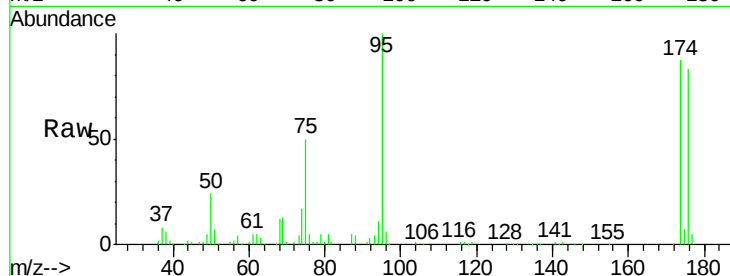
Tot Ion: 75 Resp: 127778

Ion Ratio Lower Upper

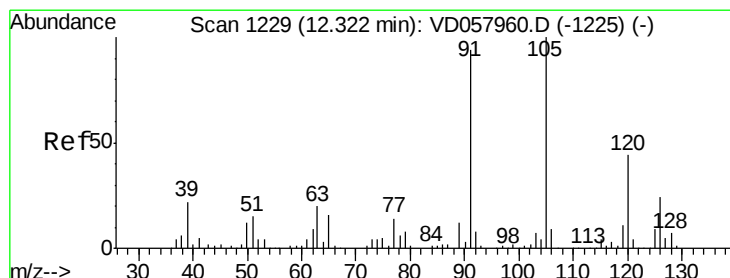
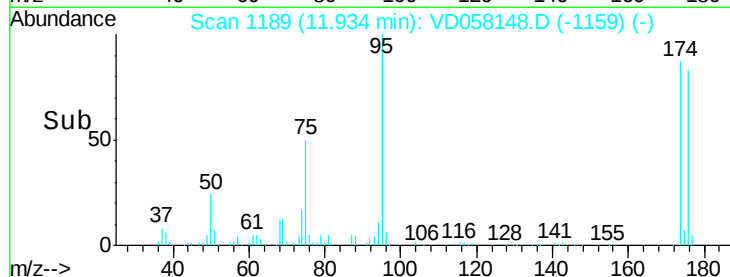
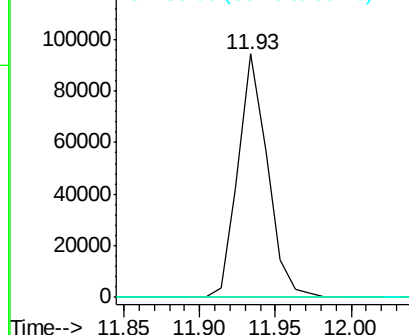
75 100

53 0.0 89.3 133.9#

89 0.0 33.3 49.9#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: Below Cal

RT: 12.33 min Scan# 1229

Delta R.T. 0.01 min

Lab File: VD058148.D

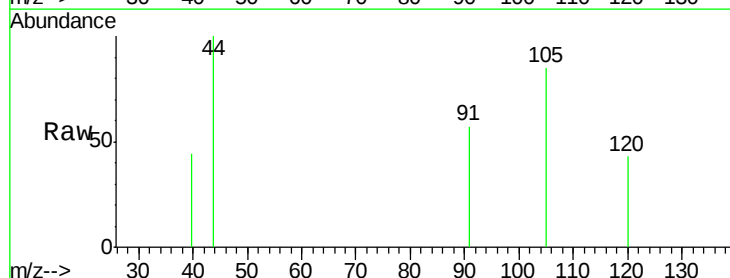
Acq: 14 Jun 2018 21:06

Tgt Ion: 91 Resp: 263

Ion Ratio Lower Upper

91 100

126 0.0 12.5 37.5#



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.95 (125.65 to 126.65): V

