

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121218\
 Data File : VD060547.D
 Acq On : 12 Dec 2018 15:17
 Operator : VA/AP
 Sample : J6354-01
 Misc : 5.06/05ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL

Quant Time: Dec 13 00:45:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

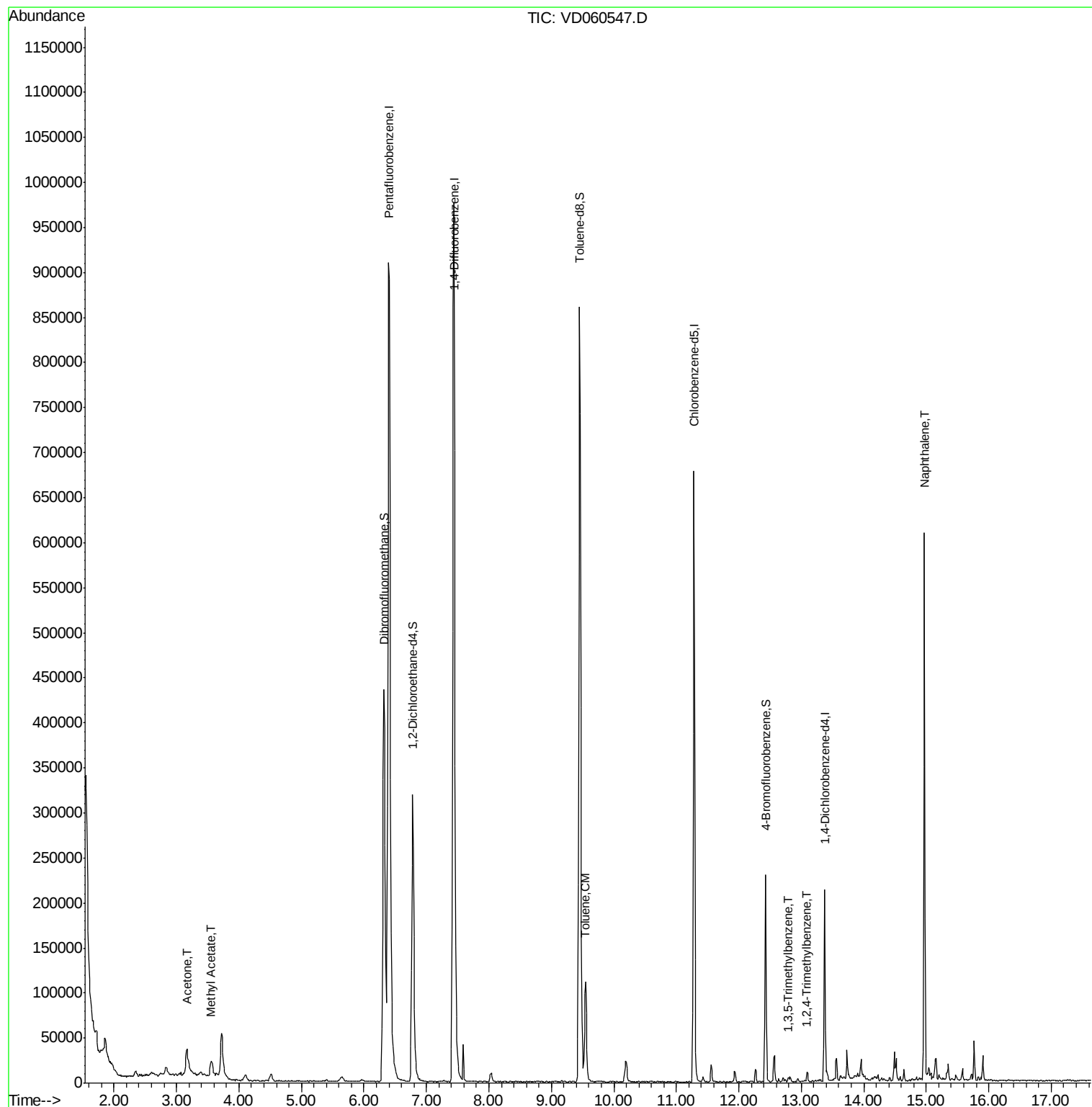
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	927706	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.44	114	1031896	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	350479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	53896	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	256009	38.93	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	77.86%	
35) Dibromofluoromethane	6.32	113	355410	46.89	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	93.78%	
50) Toluene-d8	9.45	98	696923	31.77	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	63.54%	
62) 4-Bromofluorobenzene	12.42	95	73365	9.35	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	18.70%	
Target Compounds						
16) Acetone	3.17	43	72879	69.145	ug/l	91
18) Methyl Acetate	3.55	43	35777	14.282	ug/l	95
52) Toluene	9.55	92	56254	3.491	ug/l	95
80) 1,3,5-Trimethylbenzene	12.80	105	3303	1.133	ug/l	95
84) 1,2,4-Trimethylbenzene	13.09	105	6134	2.033	ug/l	98
95) Naphthalene	14.97	128	345506	250.457	ug/l	99

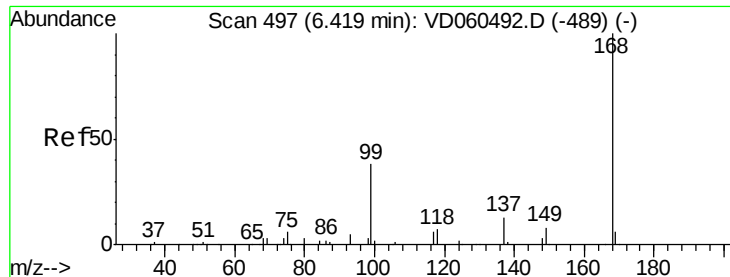
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD121218\
Data File : VD060547.D
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Misc : 5.06/μ5ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SOIL

Quant Time: Dec 13 00:45:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 496

Delta R.T. -0.01 min

Lab File: VD060547.D

Acq: 12 Dec 2018 15:17

Instrument :

MSVOA_D

ClientSampled :

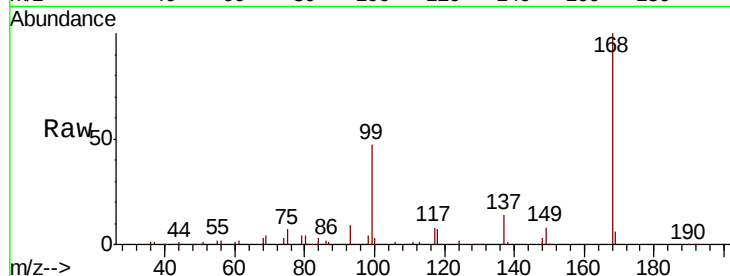
SOIL

Tot Ion:168 Resp: 927706

Ion Ratio Lower Upper

168 100

99 47.1 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.41

300000

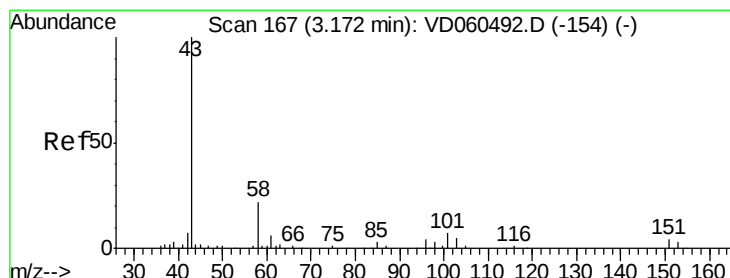
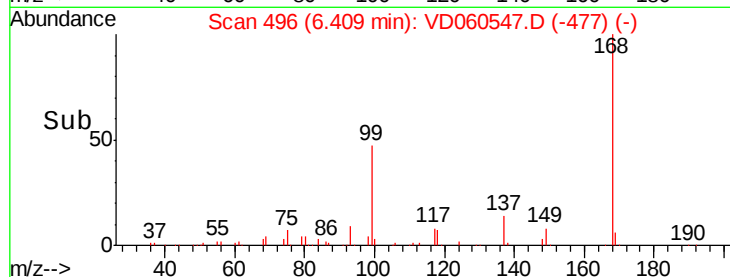
200000

100000

0

Time-->

6.30 6.40 6.50 6.60



#16

Acetone

Concen: 69.145 ug/l

RT: 3.17 min Scan# 167

Delta R.T. -0.00 min

Lab File: VD060547.D

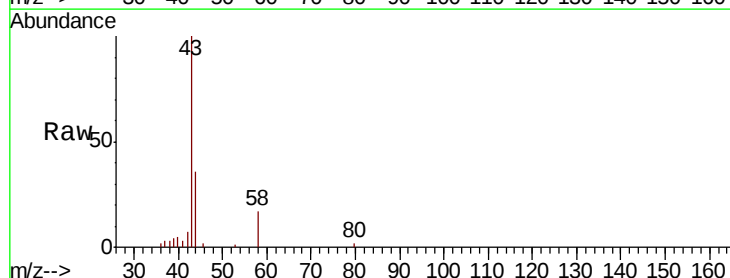
Acq: 12 Dec 2018 15:17

Tgt Ion: 43 Resp: 72879

Ion Ratio Lower Upper

43 100

58 17.4 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.17

20000

15000

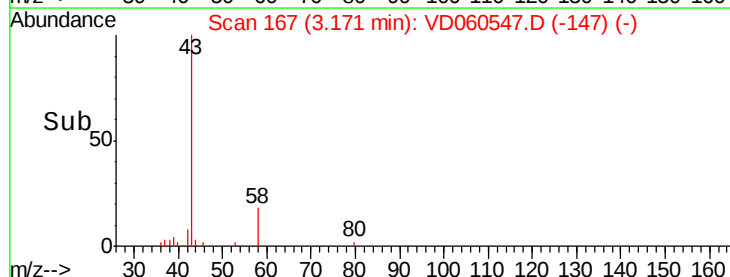
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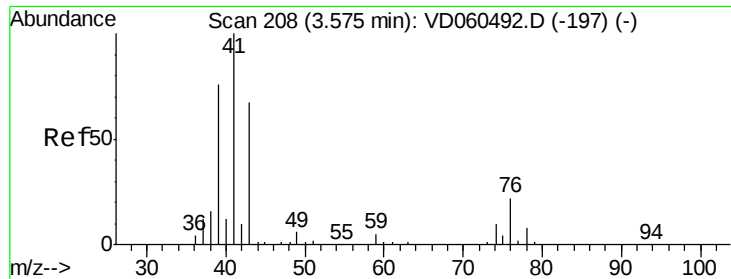
5000

0

Time-->

3.00 3.10 3.20 3.30 3.40

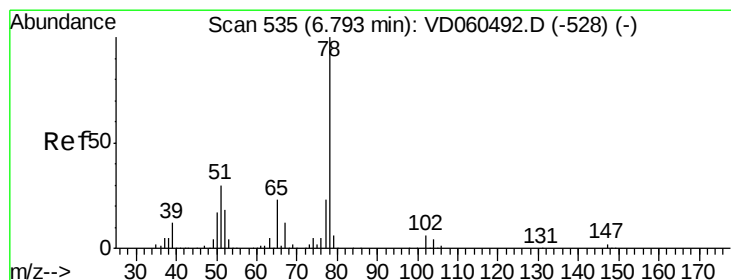
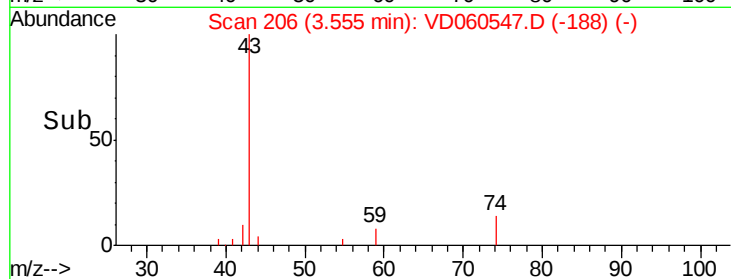
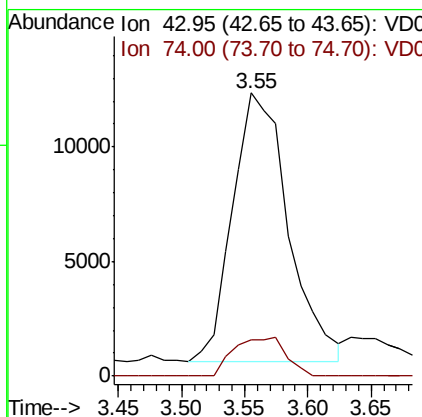
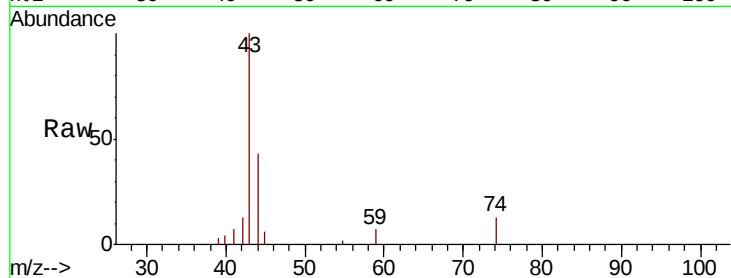




#18
Methyl Acetate
Concen: 14.282 ug/l
RT: 3.55 min Scan# 206
Delta R.T. -0.02 min
Lab File: VD060547.D
Acq: 12 Dec 2018 15:17

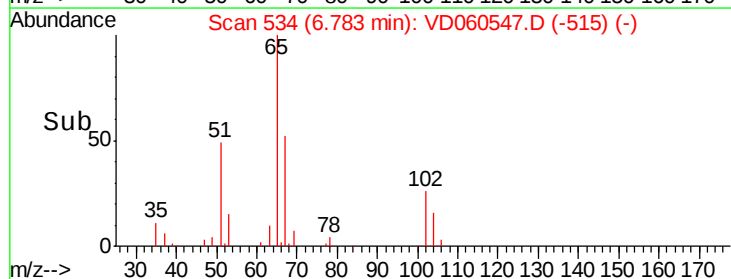
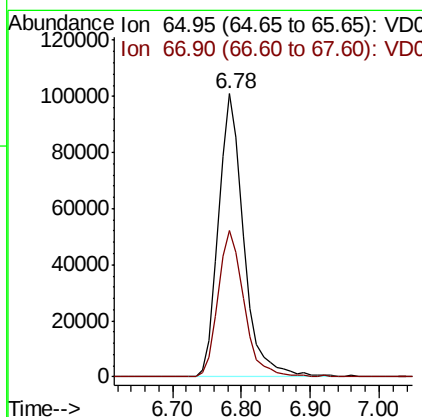
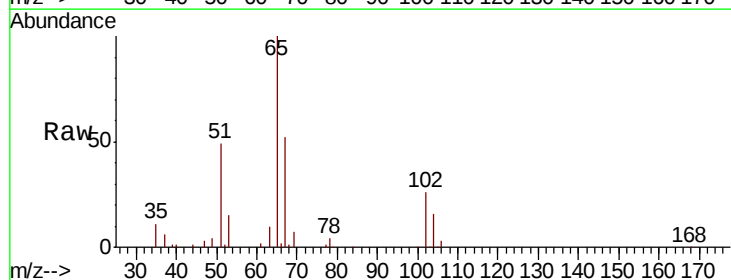
Instrument :
MSVOA_D
ClientSampled :
SOIL

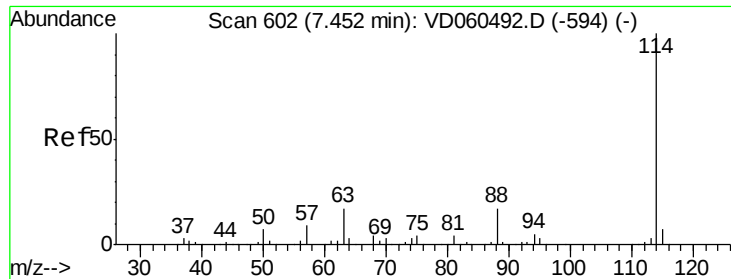
Tot Ion: 43 Resp: 35777
Ion Ratio Lower Upper
43 100
74 12.9 12.0 18.0



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.78 min Scan# 534
Delta R.T. -0.01 min
Lab File: VD060547.D
Acq: 12 Dec 2018 15:17

Tgt Ion: 65 Resp: 256009
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.8

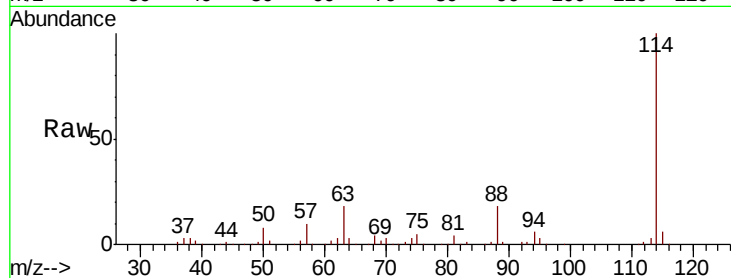




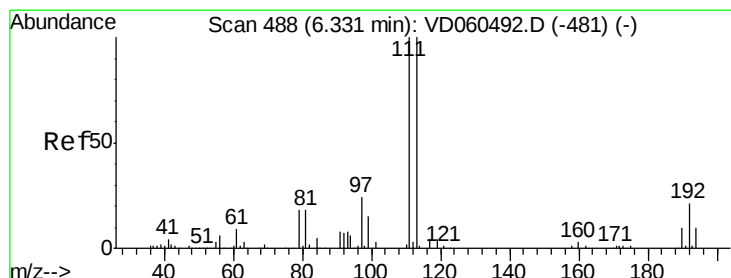
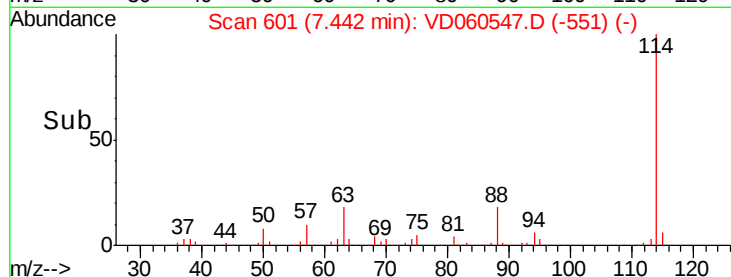
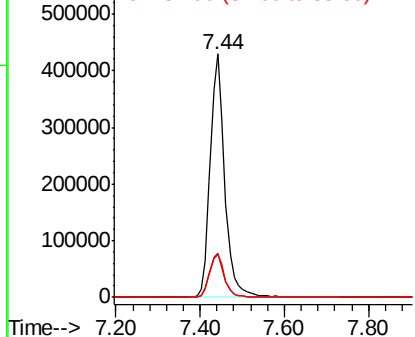
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: VD060547.D
 Acq: 12 Dec 2018 15:17

Instrument :
 MSVOA_D
 ClientSampleID :
 SOIL

Tot Ion:114 Resp: 1031896
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 34.2
 88 17.7 0.0 35.0

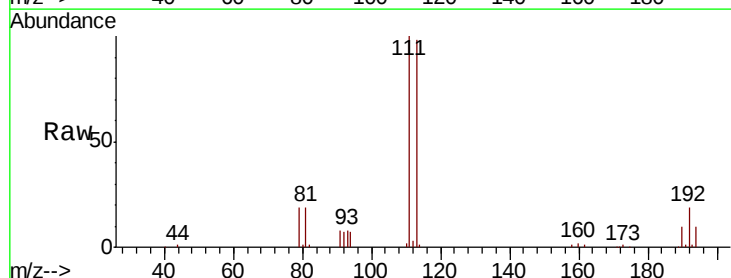


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

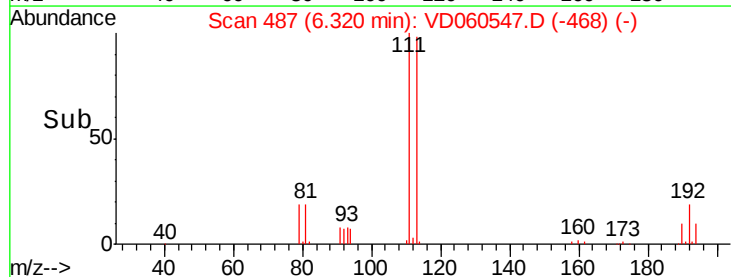
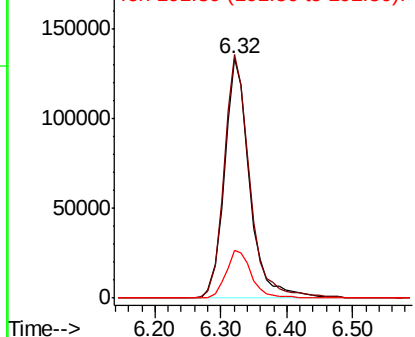


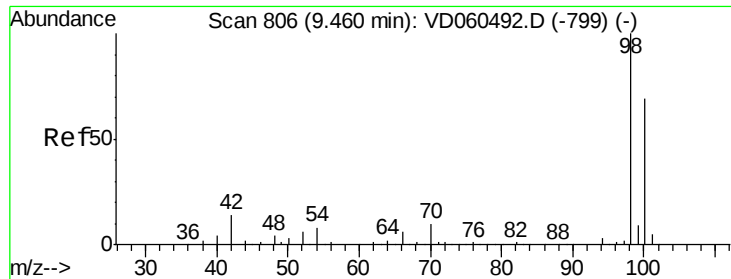
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 487
 Delta R.T. -0.01 min
 Lab File: VD060547.D
 Acq: 12 Dec 2018 15:17

Tgt Ion:113 Resp: 355410
 Ion Ratio Lower Upper
 113 100
 111 101.8 80.2 120.4
 192 19.7 16.6 24.8



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

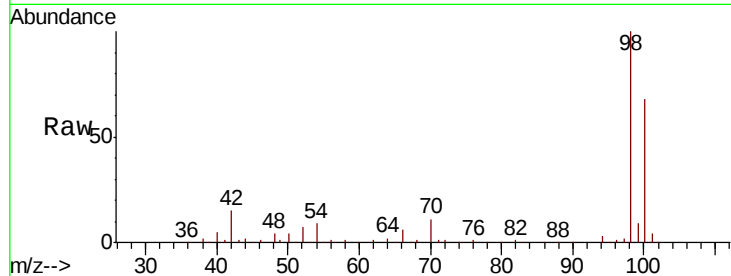




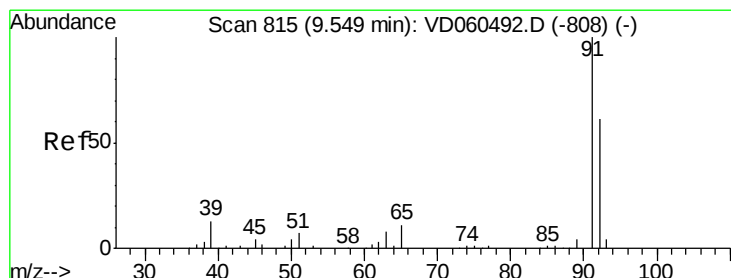
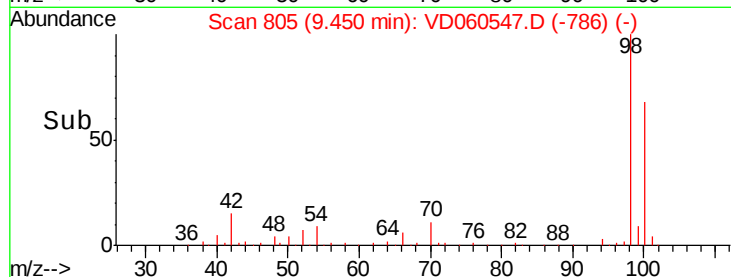
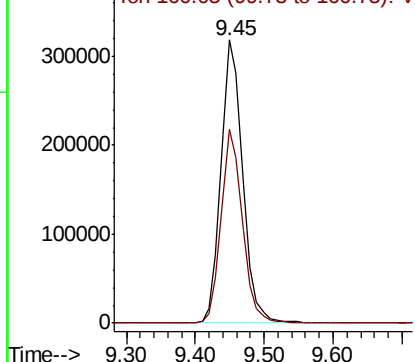
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 805
Delta R.T. -0.01 min
Lab File: VD060547.D
Acq: 12 Dec 2018 15:17

Instrument :
MSVOA_D
ClientSampled :
SOIL

Tot Ion: 98 Resp: 696923
Ion Ratio Lower Upper
98 100
100 68.3 55.7 83.5

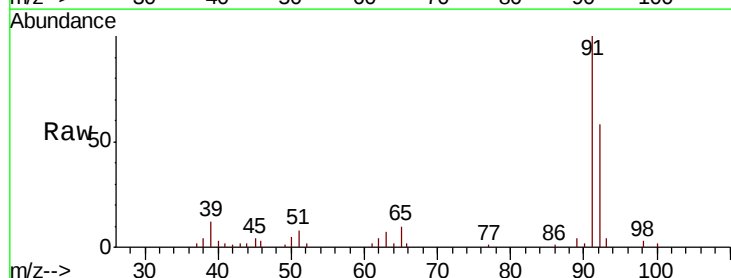


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

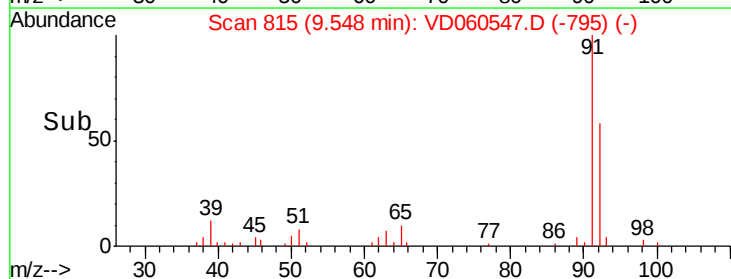
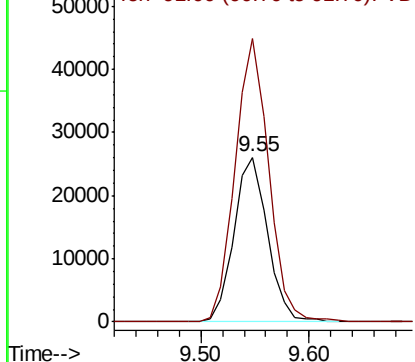


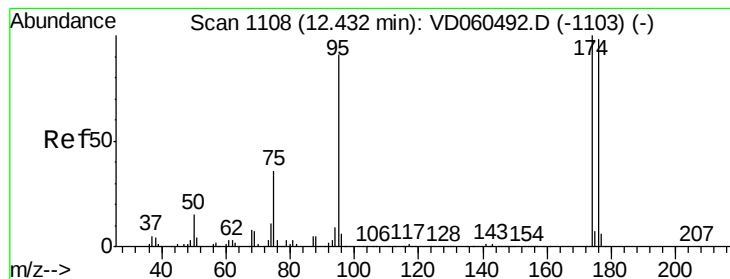
#52
Toluene
Concen: 3.491 ug/l
RT: 9.55 min Scan# 815
Delta R.T. -0.00 min
Lab File: VD060547.D
Acq: 12 Dec 2018 15:17

Tgt Ion: 92 Resp: 56254
Ion Ratio Lower Upper
92 100
91 171.6 131.7 197.5



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VD060547.D

Acq: 12 Dec 2018 15:17

Instrument :

MSVOA_D

ClientSampleId :

SOIL

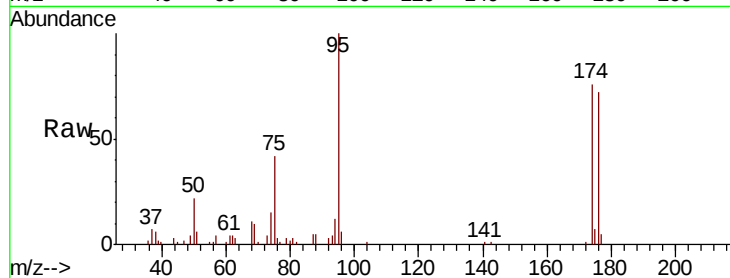
Tot Ion: 95 Resp: 73365

Ion Ratio Lower Upper

95 100

174 76.1 0.0 219.4

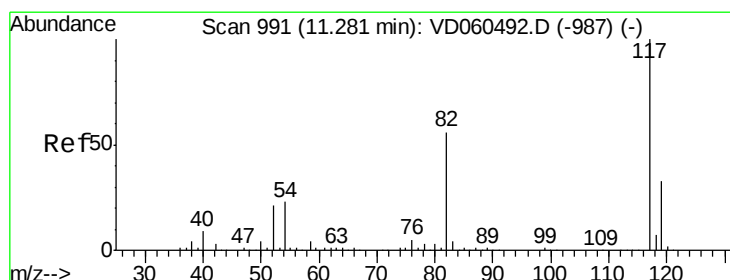
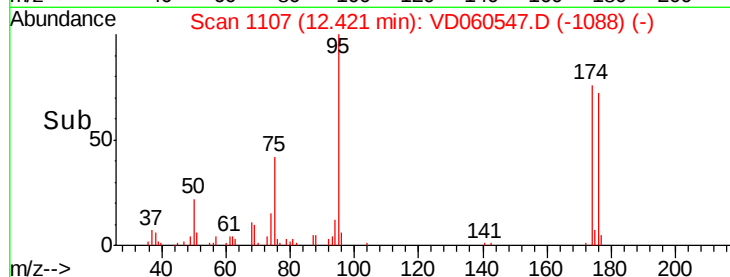
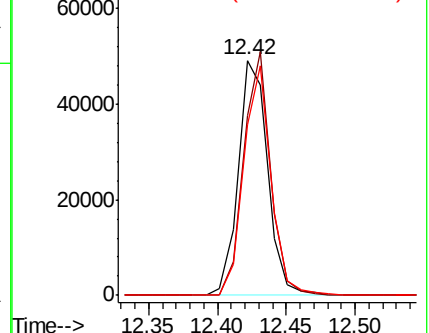
176 72.3 0.0 214.6



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: 11.28 min Scan# 991

Delta R.T. -0.00 min

Lab File: VD060547.D

Acq: 12 Dec 2018 15:17

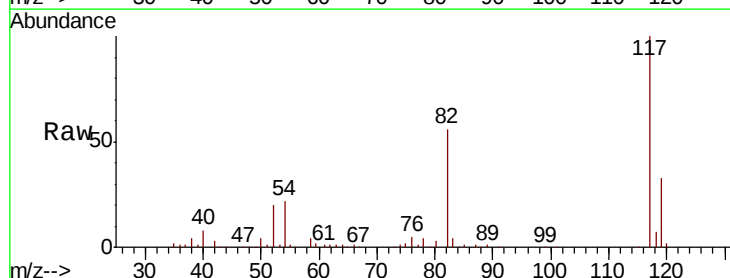
Tgt Ion: 117 Resp: 350479

Ion Ratio Lower Upper

117 100

82 56.4 45.2 67.8

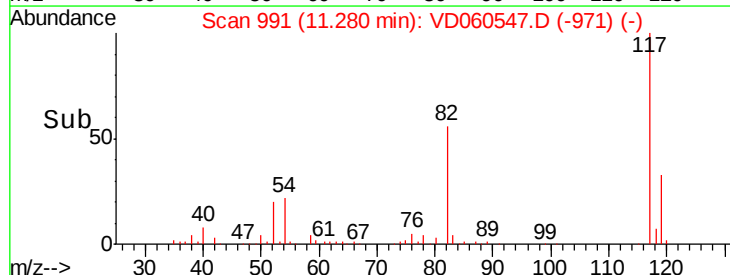
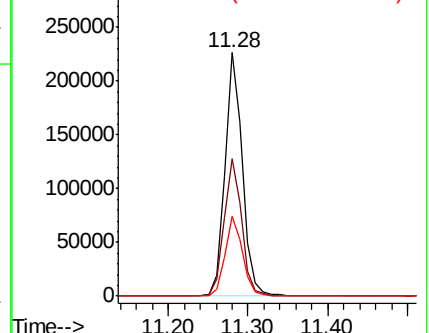
119 32.6 26.1 39.1

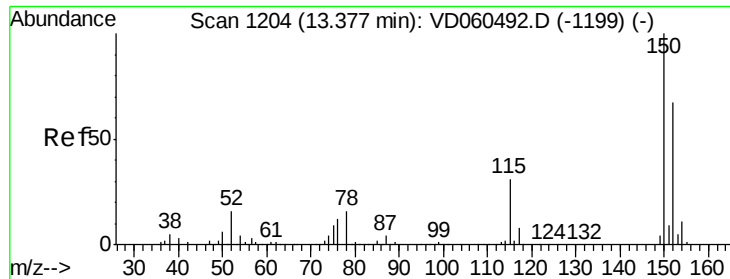


Abundance Ion 116.95 (116.65 to 117.65): V

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: 13.38 min Scan# 1204

Delta R.T. -0.00 min

Lab File: VD060547.D

Acq: 12 Dec 2018 15:17

Instrument :

MSVOA_D

ClientSampled :

SOIL

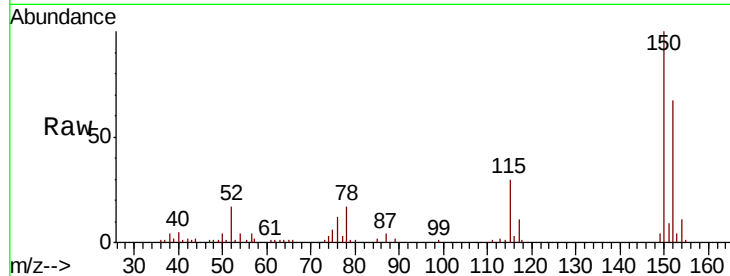
Tot Ion:152 Resp: 53896

Ion Ratio Lower Upper

152 100

115 45.5 24.6 74.0

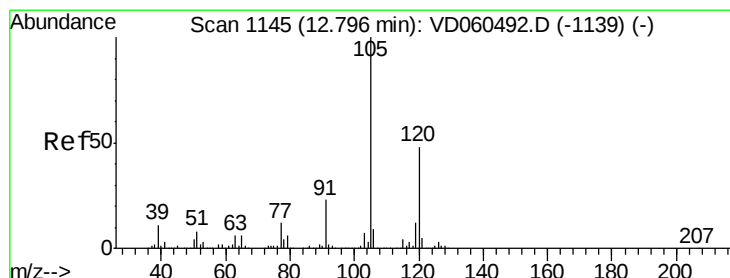
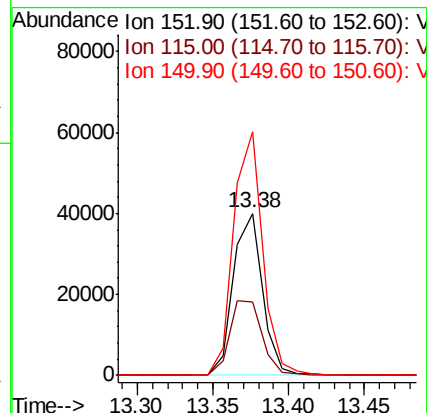
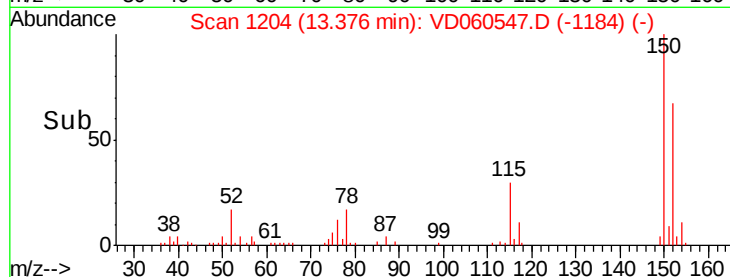
150 150.1 0.0 309.0



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



#80

1,3,5-Trimethylbenzene

Concen: 1.133 ug/l

RT: 12.80 min Scan# 1145

Delta R.T. -0.00 min

Lab File: VD060547.D

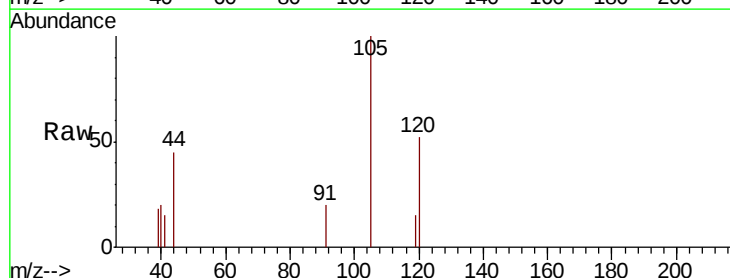
Acq: 12 Dec 2018 15:17

Tgt Ion:105 Resp: 3303

Ion Ratio Lower Upper

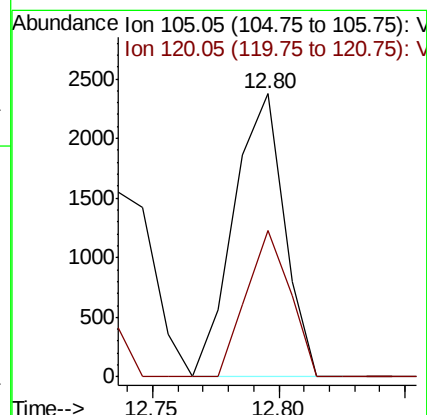
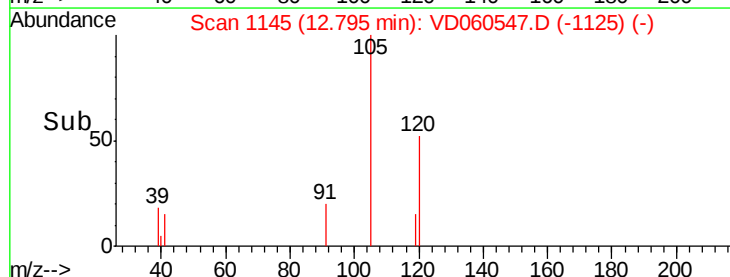
105 100

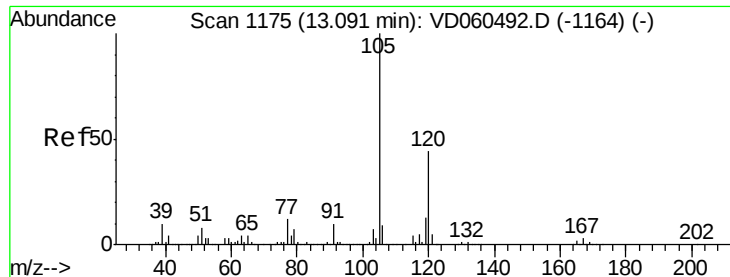
120 51.6 24.2 72.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

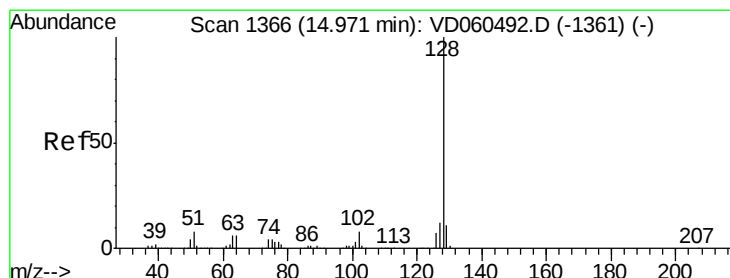
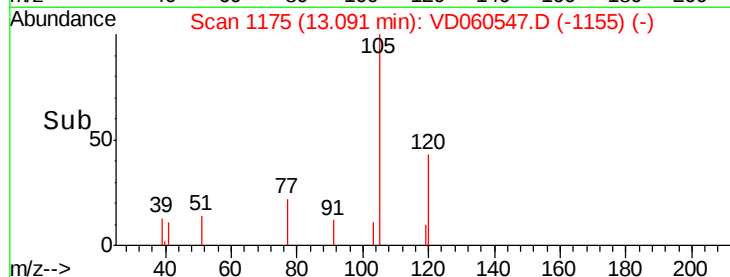
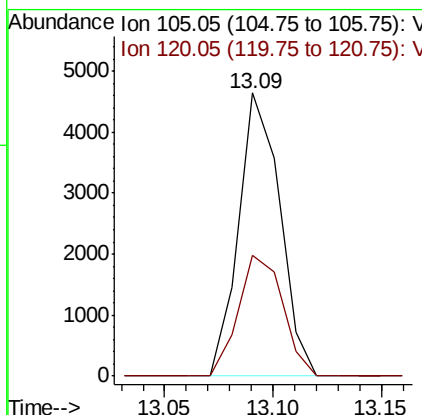
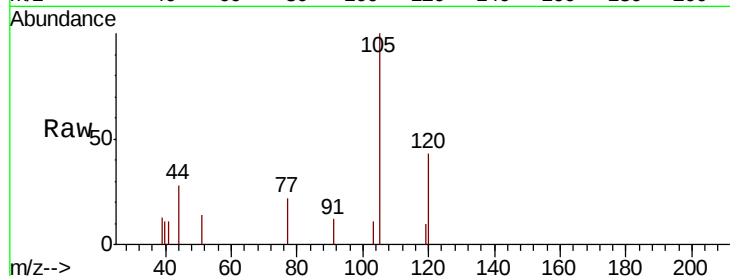




#84
 1,2,4-Trimethylbenzene
 Concen: 2.033 ug/l
 RT: 13.09 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VD060547.D
 Acq: 12 Dec 2018 15:17

Instrument :
 MSVOA_D
 ClientSampleID :
 SOIL

Tot Ion:105 Resp: 6134
 Ion Ratio Lower Upper
 105 100
 120 42.9 22.3 66.8



#95
 Naphthalene
 Concen: 250.457 ug/l
 RT: 14.97 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: VD060547.D
 Acq: 12 Dec 2018 15:17

Tgt Ion:128 Resp: 345506
 Ion Ratio Lower Upper
 128 100
 127 12.3 9.8 14.8
 129 10.2 8.6 13.0

