

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062618\
 Data File : VX002915.D
 Acq On : 27 Jun 2018 01:03
 Operator : JC/MD
 Sample : J3707-09 50X
 Misc : 6.01µ/5mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB480-15-17-180622

Manual Integrations
 APPROVED

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 6/28/2018 3:12:10 PM

Quant Time: Jun 27 04:38:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	250147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	350279	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	191878	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	169759	49.10	ug/l	0.00
Spiked Amount			Recovery	=	98.20%	
35) Dibromofluoromethane	5.51	113	134929	48.64	ug/l	0.00
Spiked Amount			Recovery	=	97.28%	
50) Toluene-d8	8.72	98	500218	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	
62) 4-Bromofluorobenzene	11.14	95	177397	45.41	ug/l	0.00
Spiked Amount			Recovery	=	90.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.52	142	1305	6.63	ug/l #	87
27) cis-1,2-Dichloroethene	4.60	96	28432	9.44	ug/l	98
39) Methylcyclohexane	7.47	83	1135	0.25	ug/l #	87
44) Trichloroethene	7.22	130	1821	0.55	ug/l	92
51) 4-Methyl-2-Pentanone	8.65	43	1478	0.34	ug/l	95
52) Toluene	8.79	92	1588	0.22	ug/l	91
80) 1,3,5-Trimethylbenzene	11.51	105	8548	0.79	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	19016	1.69	ug/l	95
85) sec-Butylbenzene	11.95	105	3002	0.23	ug/l #	56
86) p-Isopropyltoluene	12.07	119	2746m	0.23	ug/l	
89) n-Butylbenzene	12.38	91	4939	0.49	ug/l #	41
91) 1,2-Dichlorobenzene	12.39	146	1356	0.20	ug/l #	83
95) Naphthalene	13.83	128	5941	0.45	ug/l	98

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

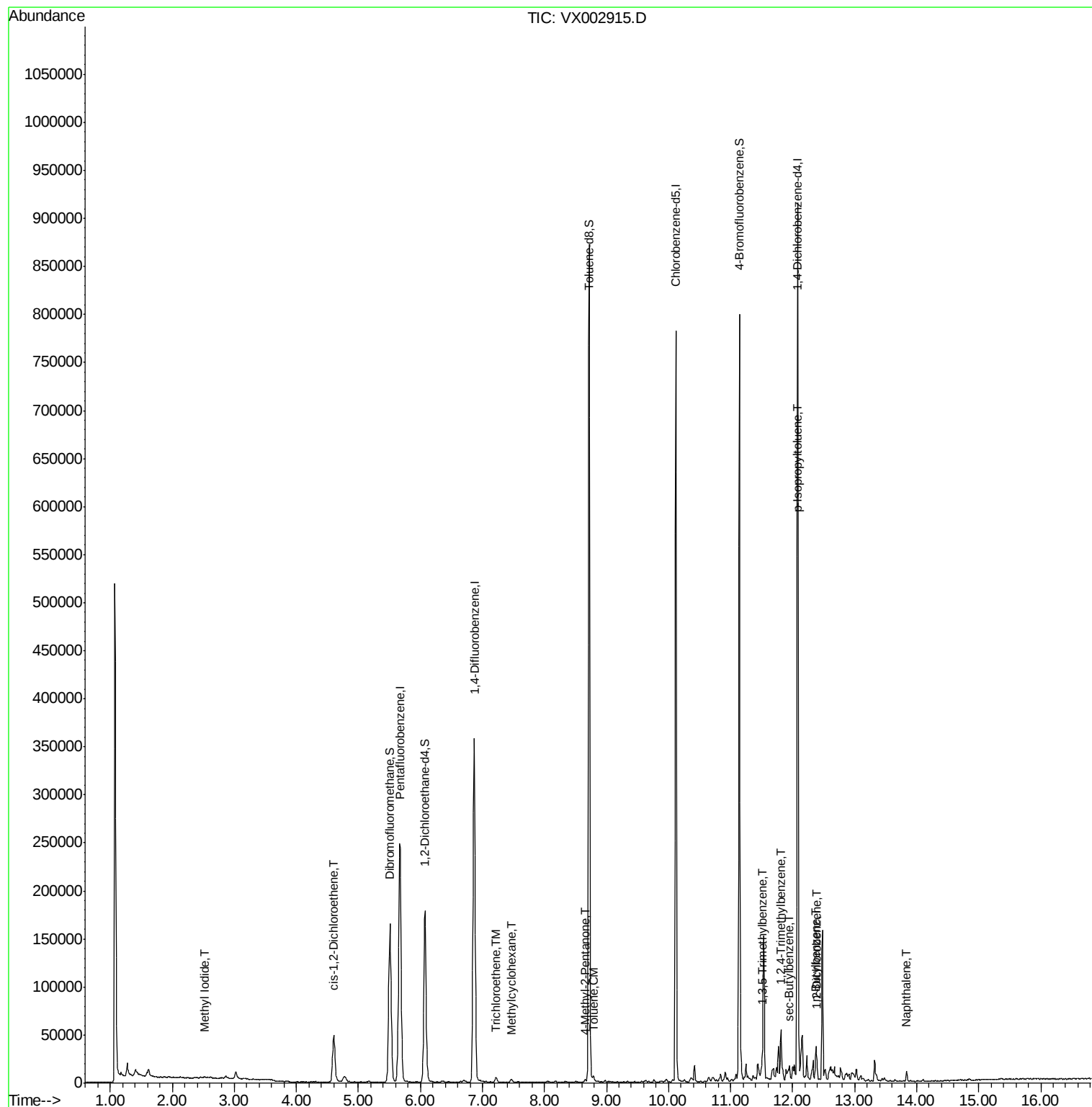
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062618\
Data File : VX002915.D
Acq On : 27 Jun 2018 01:03
Operator : JC/MD
Sample : J3707-09 50X
Misc : 6.01µ/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 28 Sample Multiplier: 1

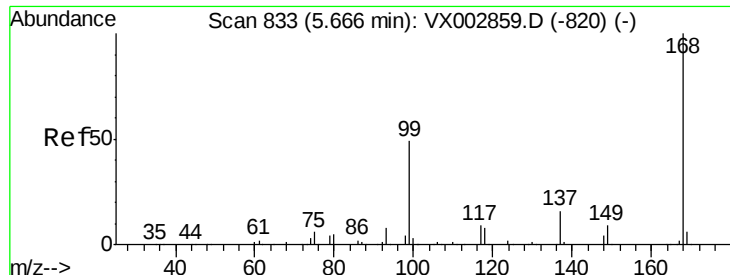
Instrument :
MSVOA_X
ClientSampleId :
WP021SB480-15-17-180622

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Quant Time: Jun 27 04:38:04 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002915.D

Acq: 27 Jun 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

WP021SB480-15-17-180622

Tot Ion:168 Resp: 250147

Ion Ratio Lower Upper

168 100

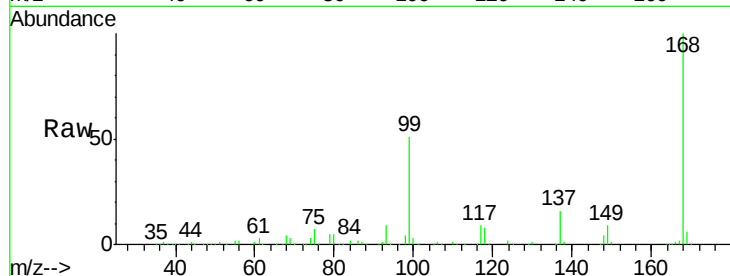
99 50.9 39.3 58.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

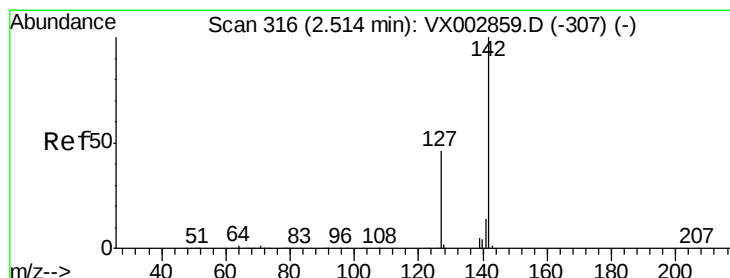
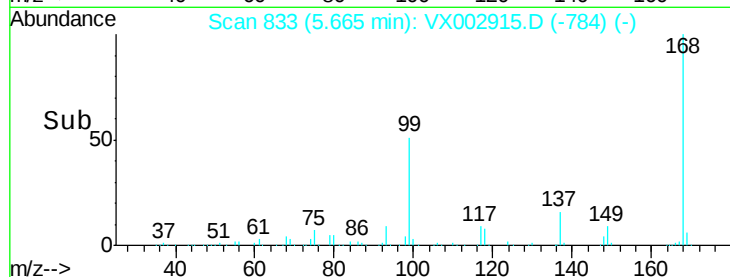
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 6.63 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002915.D

Acq: 27 Jun 2018 01:03

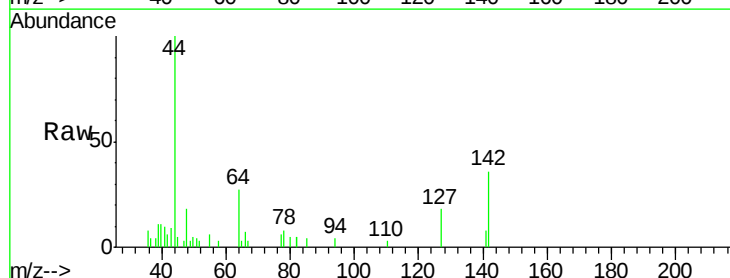
Tgt Ion:142 Resp: 1305

Ion Ratio Lower Upper

142 100

127 54.3 36.6 55.0

141 19.5 11.3 16.9#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.52

800

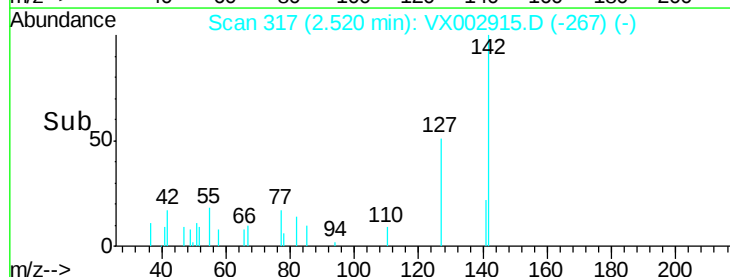
600

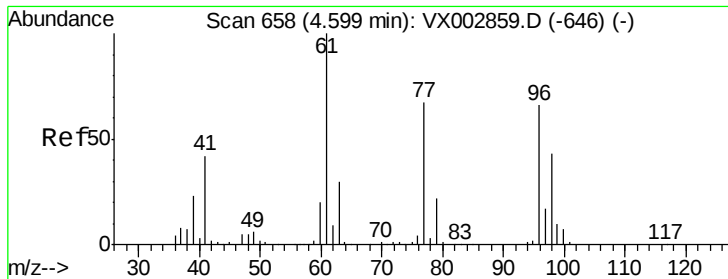
400

200

0

Time--> 2.45 2.50 2.55





#27

cis-1,2-Dichloroethene

Concen: 9.44 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX002915.D

Acq: 27 Jun 2018 01:03

Instrument :

MSVOA_X

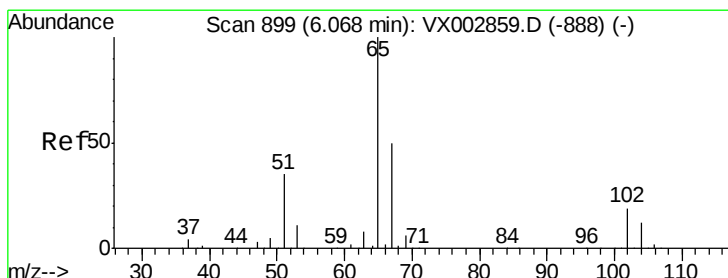
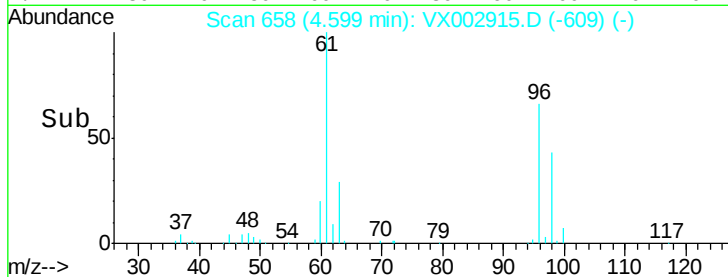
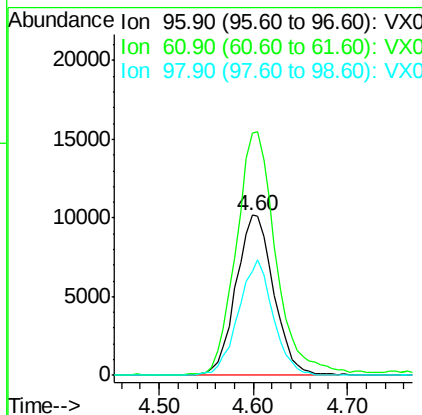
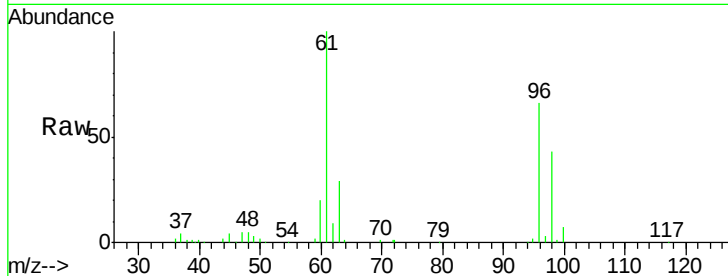
ClientSampleId :

WP021SB480-15-17-180622

Tot Ion:	96	Resp:	28432
Ion	Ratio	Lower	Upper
96	100		
61	162.6	0.0	330.2
98	66.6	0.0	130.2

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 49.10 ug/l

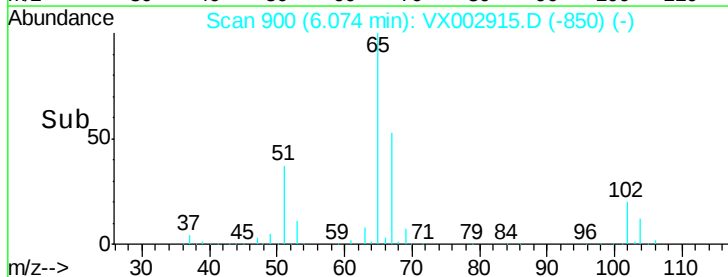
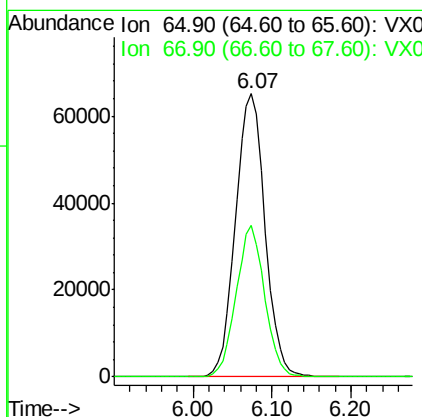
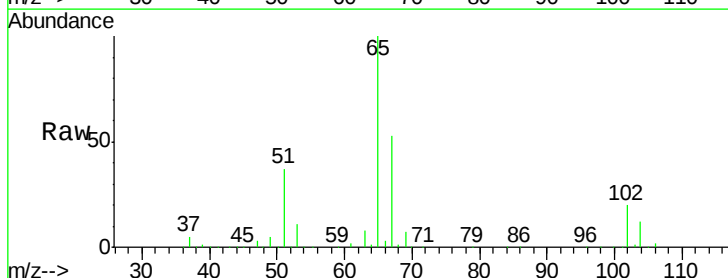
RT: 6.07 min Scan# 900

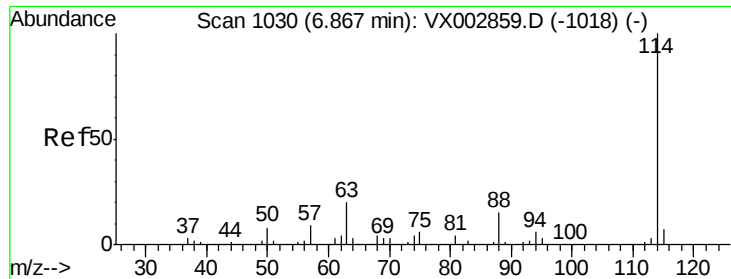
Delta R.T. 0.01 min

Lab File: VX002915.D

Acq: 27 Jun 2018 01:03

Tgt Ion:	65	Resp:	169759
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002915.D

Acq: 27 Jun 2018 01:03

Instrument :

MSVOA_X

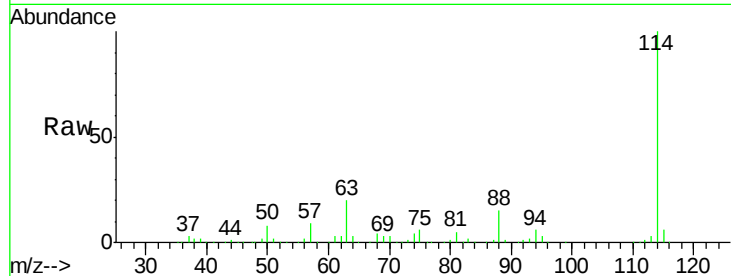
ClientSampleId :

WP021SB480-15-17-180622

Tot Ion:	114	Resp:	350279
Ion Ratio	Lower	Upper	
114	100		
63	20.5	0.0	41.4
88	15.1	0.0	30.0

Manual Integrations
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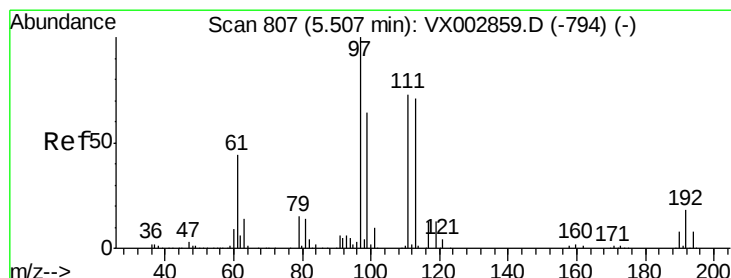
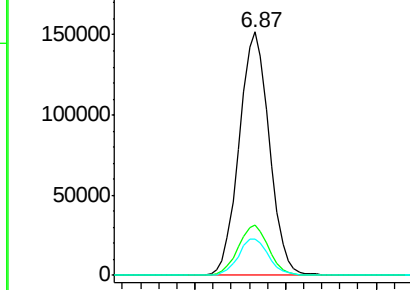
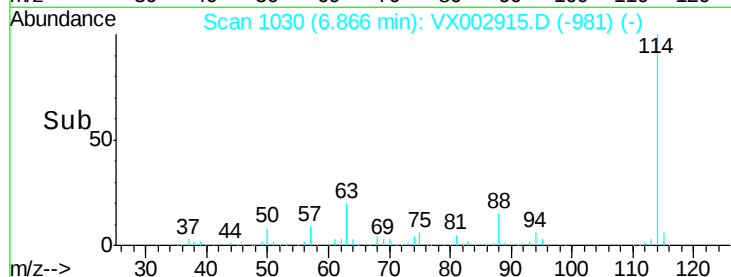
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.64 ug/l

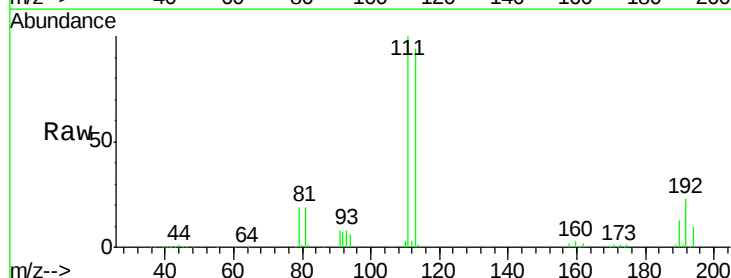
RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002915.D

Acq: 27 Jun 2018 01:03

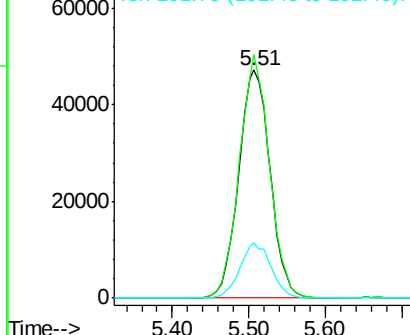
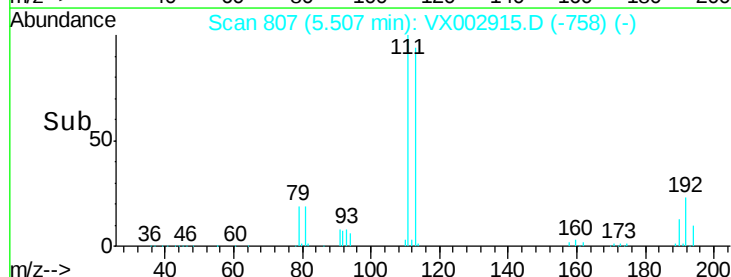
Tgt Ion:	113	Resp:	134929
Ion Ratio	Lower	Upper	
113	100		
111	102.1	81.4	122.0
192	24.0	19.1	28.7

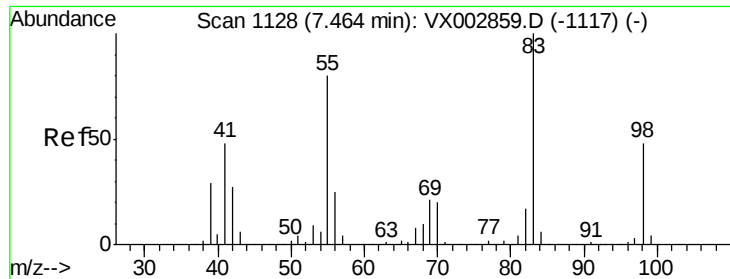


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





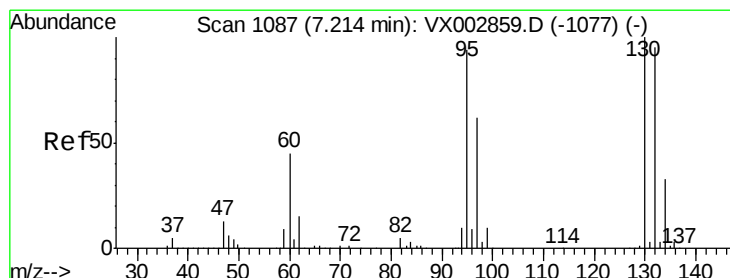
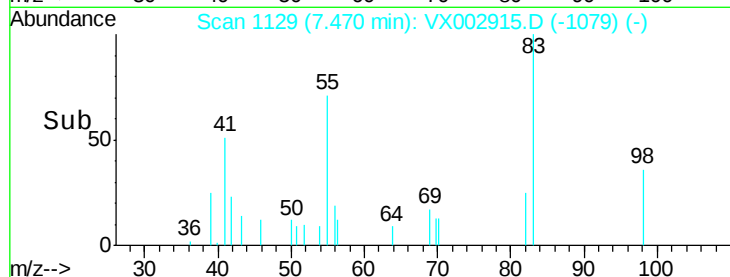
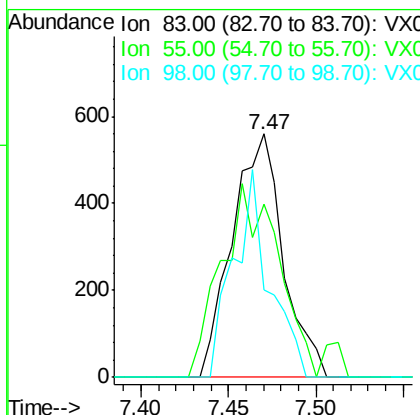
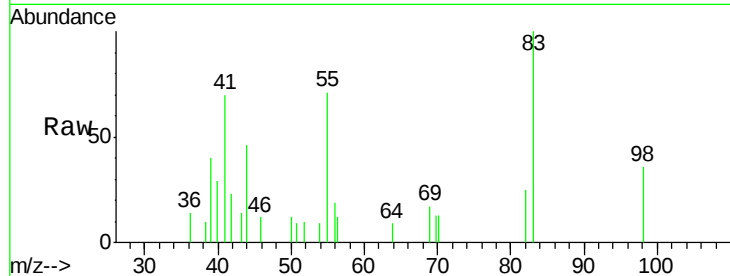
#39
Methvlcvclohexane
Concen: 0.25 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX002915.D
Acq: 27 Jun 2018 01:03

Instrument :
MSVOA_X
ClientSampleId :
WP021SB480-15-17-180622

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.3	65.4	98.0
98	35.9	37.4	56.0#

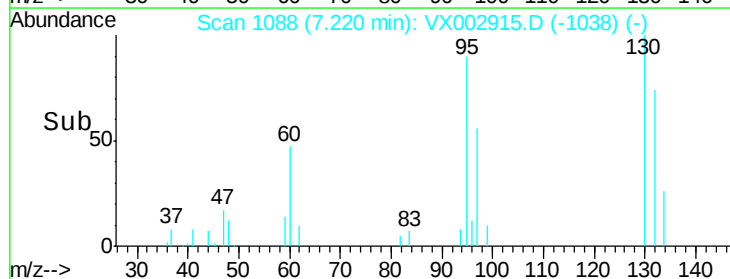
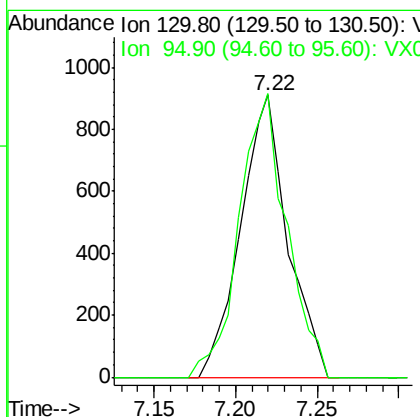
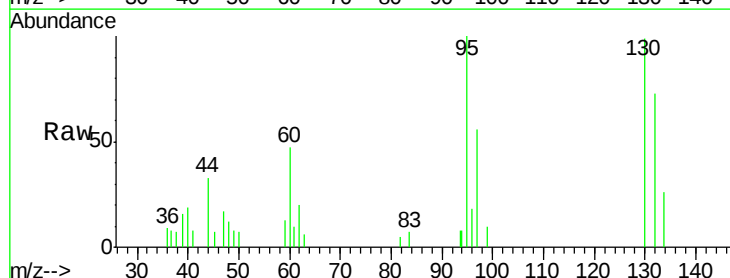
Manual Integrations
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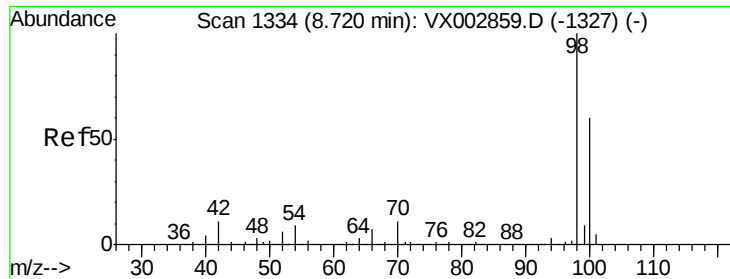
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#44
Trichloroethene
Concen: 0.55 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX002915.D
Acq: 27 Jun 2018 01:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	185.4





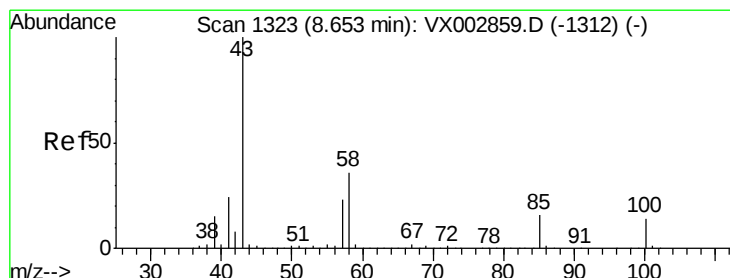
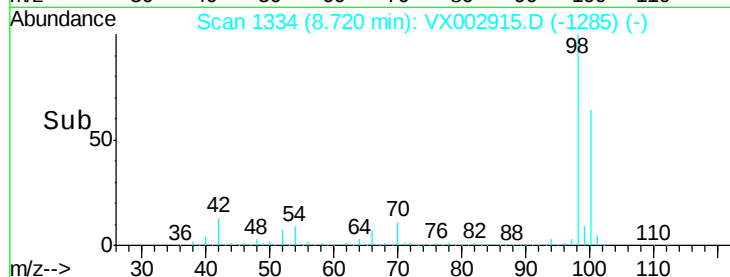
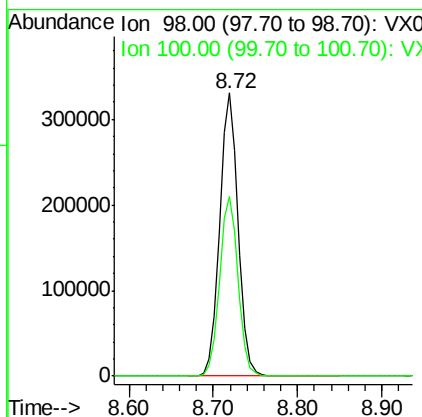
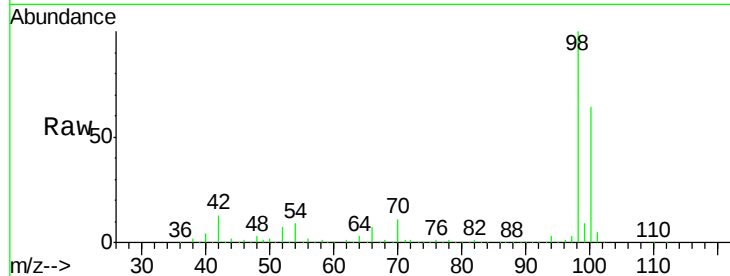
#50
Toluene-d8
Concen: 49.38 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002915.D
Acq: 27 Jun 2018 01:03

Instrument :
MSVOA_X
ClientSampleId :
WP021SB480-15-17-180622

Tot Ion: 98 Resp: 500218
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3

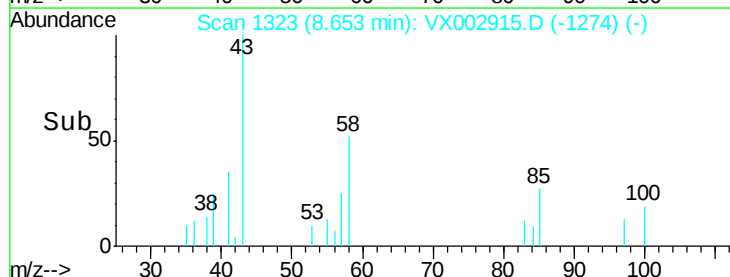
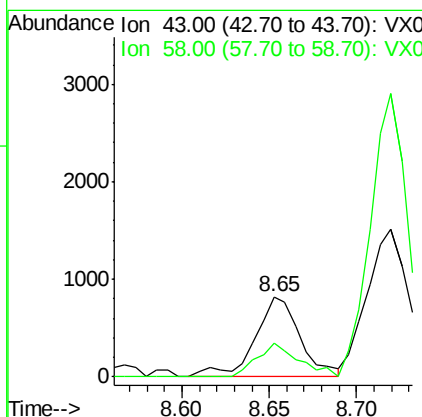
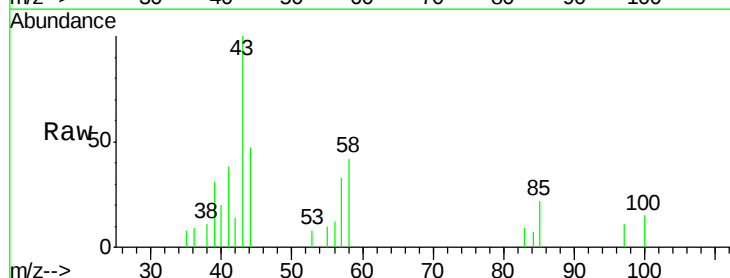
Manual Integrations
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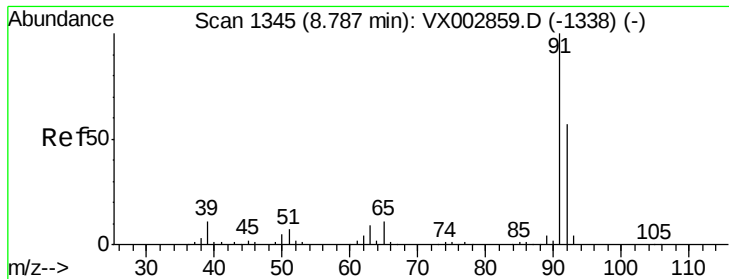
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#51
4-Methyl-2-Pentanone
Concen: 0.34 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX002915.D
Acq: 27 Jun 2018 01:03

Tgt Ion: 43 Resp: 1478
Ion Ratio Lower Upper
43 100
58 38.7 28.6 42.8





#52

Toluene

Concen: 0.22 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002915.D

Acq: 27 Jun 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

WP021SB480-15-17-180622

Tot Ion: 92 Resp: 1588

Ion Ratio Lower Upper

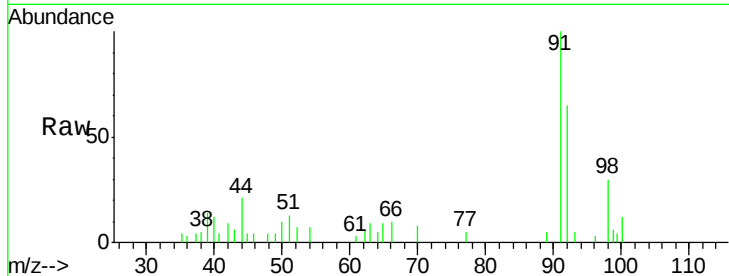
92 100

91 188.3 140.4 210.6

Manual Integrations
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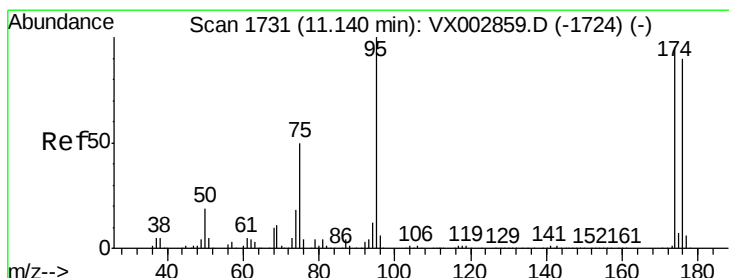
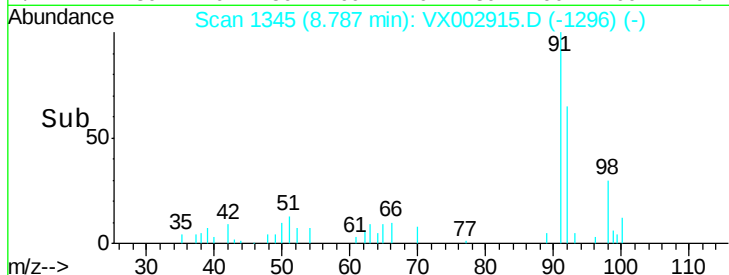
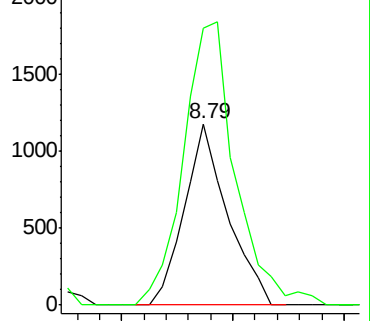
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Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 45.41 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002915.D

Acq: 27 Jun 2018 01:03

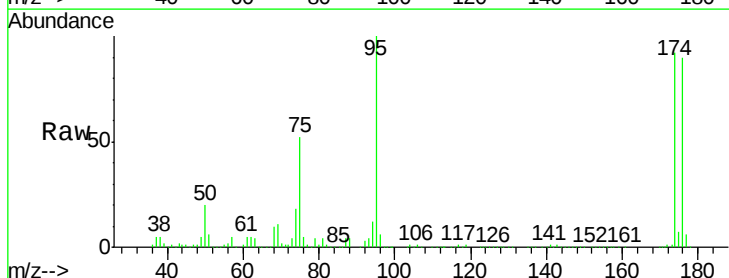
Tgt Ion: 95 Resp: 177397

Ion Ratio Lower Upper

95 100

174 96.4 0.0 187.4

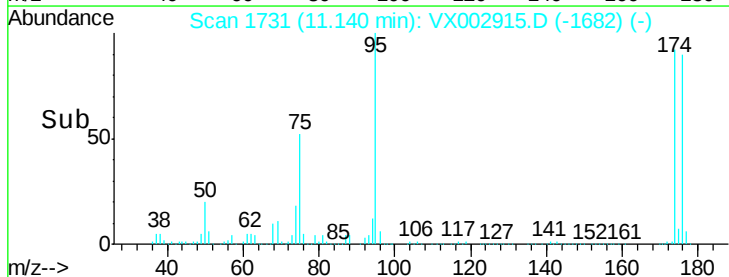
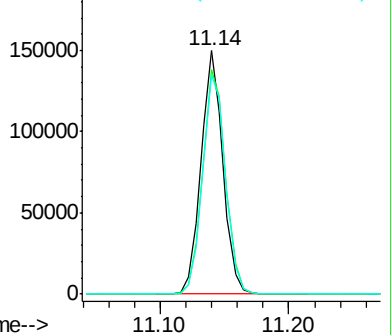
176 94.3 0.0 181.0

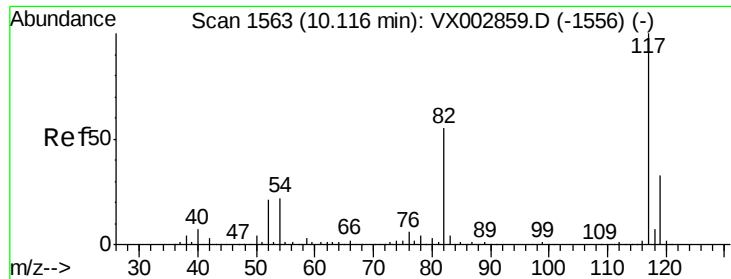


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





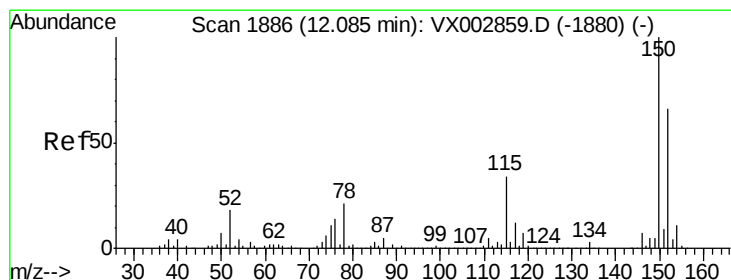
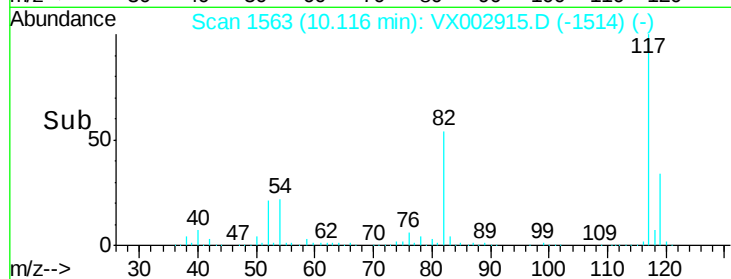
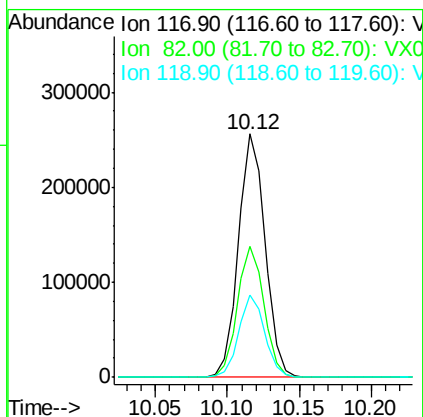
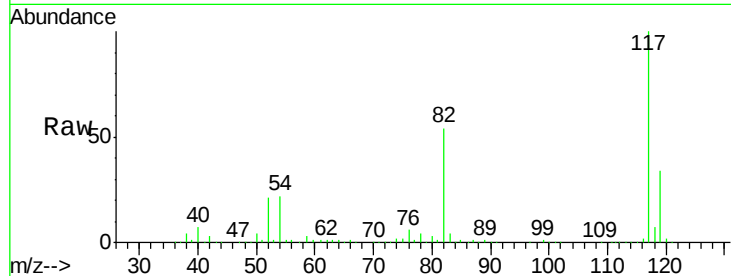
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002915.D
Acq: 27 Jun 2018 01:03

Instrument :
MSVOA_X
ClientSampleId :
WP021SB480-15-17-180622

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	45.0	67.4
119	33.7	25.8	38.6

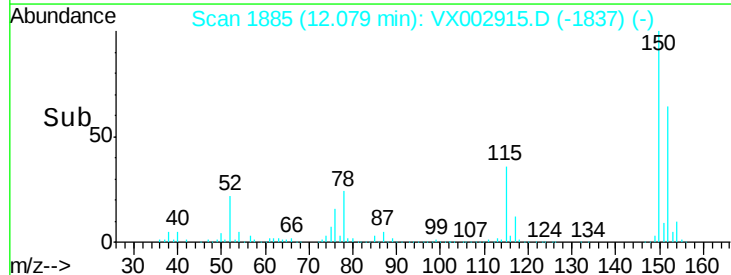
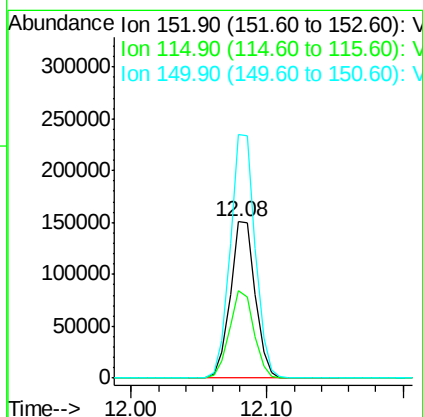
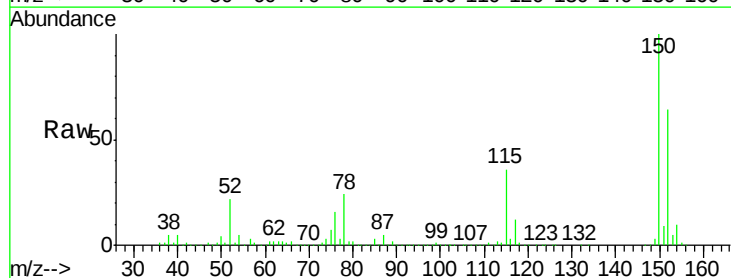
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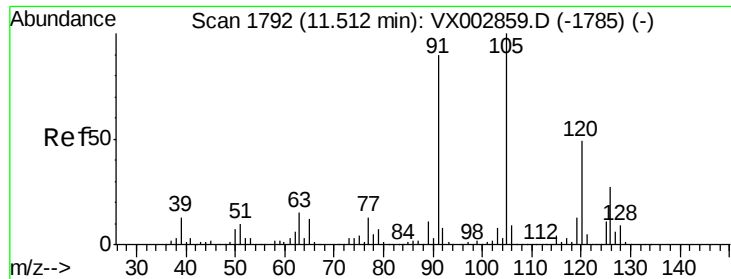
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002915.D
Acq: 27 Jun 2018 01:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	40.1	120.2
150	156.0	0.0	347.2





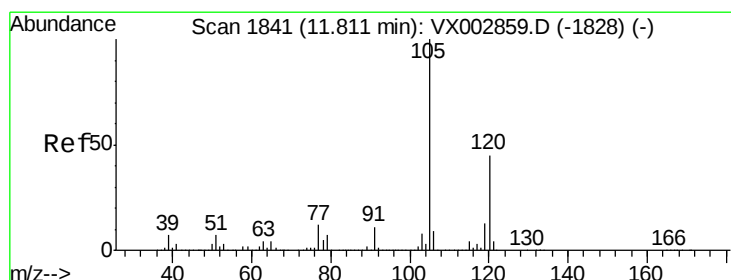
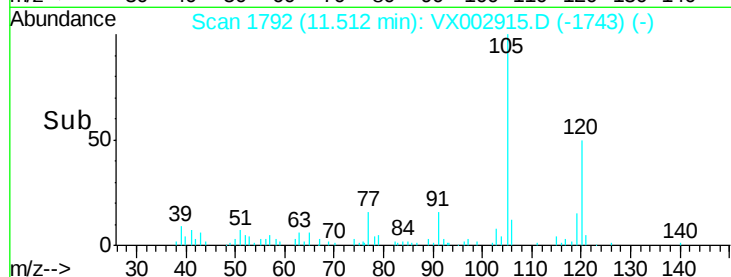
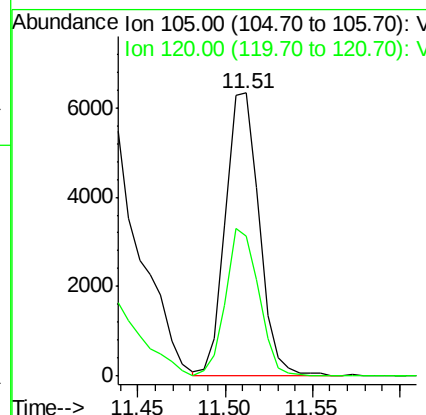
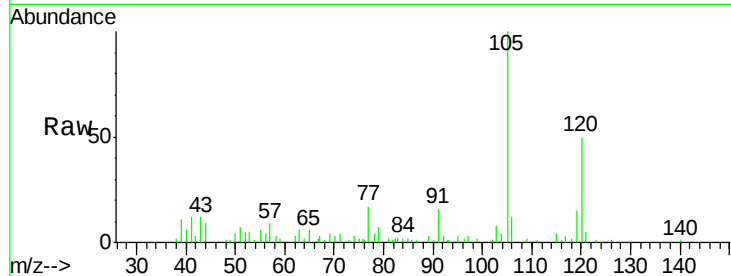
#80
 1,3,5-Trimethylbenzene
 Concen: 0.79 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002915.D
 Acq: 27 Jun 2018 01:03

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB480-15-17-180622

Tot Ion:105 Resp: 8548
 Ion Ratio Lower Upper
 105 100
 120 51.0 24.4 73.4

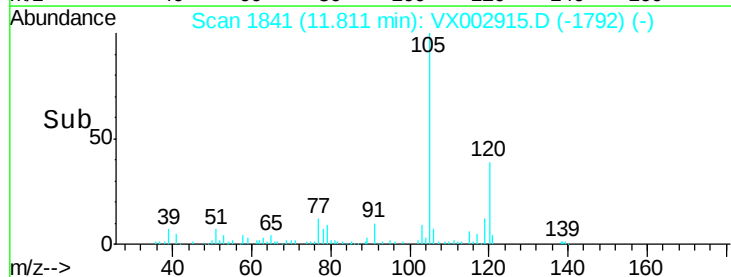
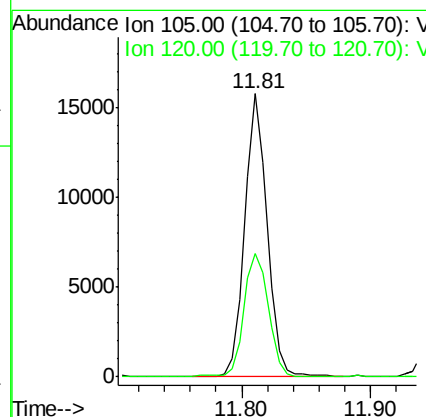
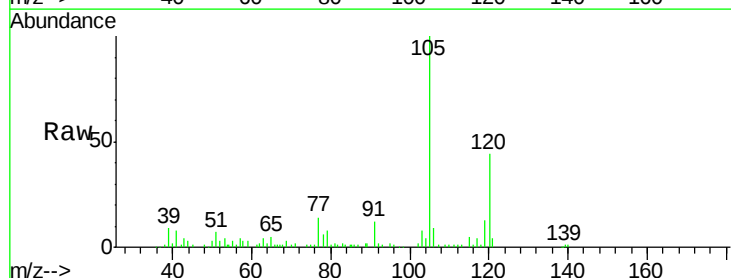
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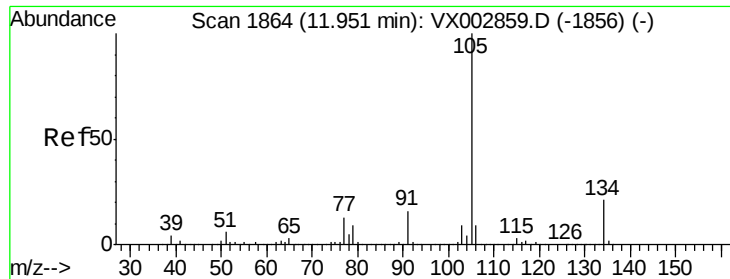
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#84
 1,2,4-Trimethylbenzene
 Concen: 1.69 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002915.D
 Acq: 27 Jun 2018 01:03

Tgt Ion:105 Resp: 19016
 Ion Ratio Lower Upper
 105 100
 120 47.7 22.3 66.8





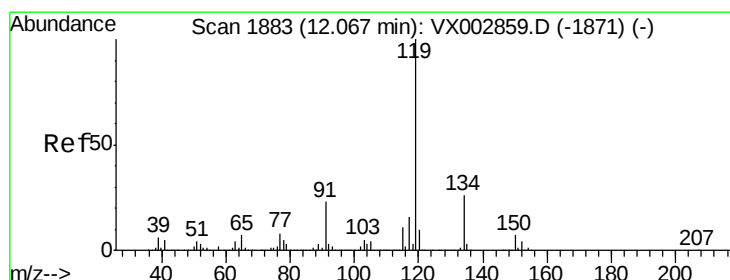
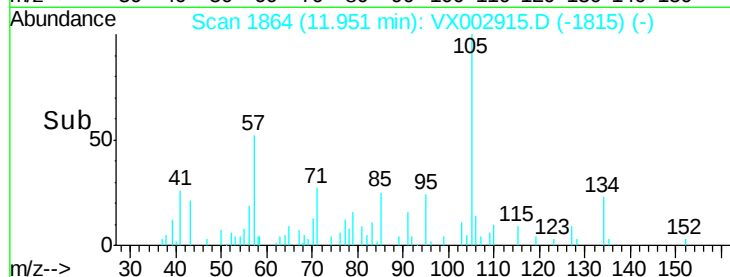
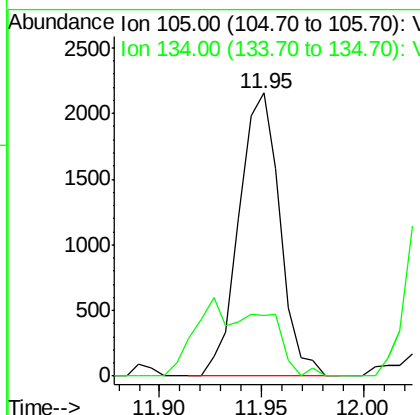
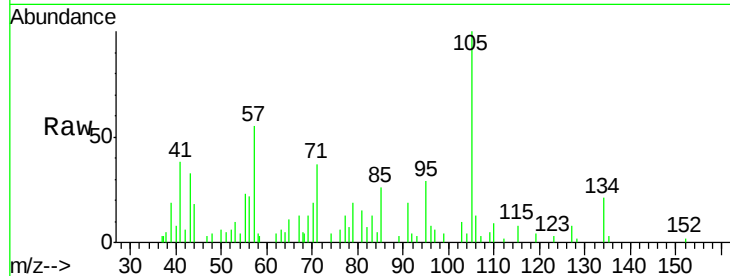
#85
 sec-Butylbenzene
 Concen: 0.23 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002915.D
 Acq: 27 Jun 2018 01:03

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB480-15-17-180622

Tot Ion:105 Resp: 3002
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#

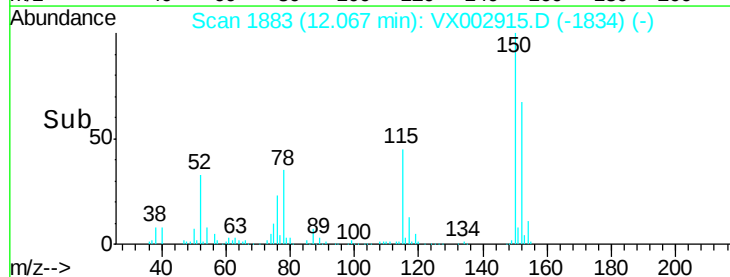
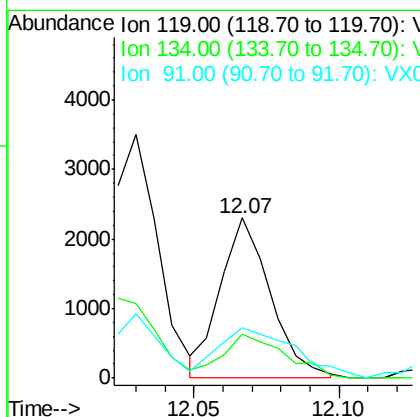
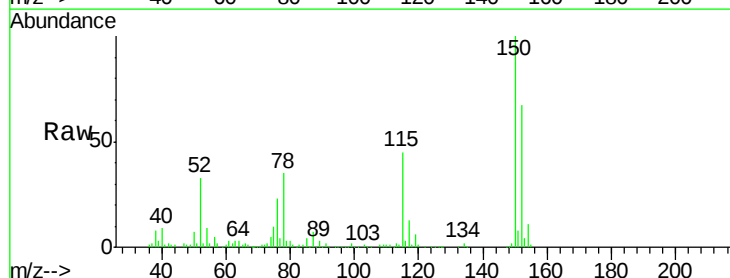
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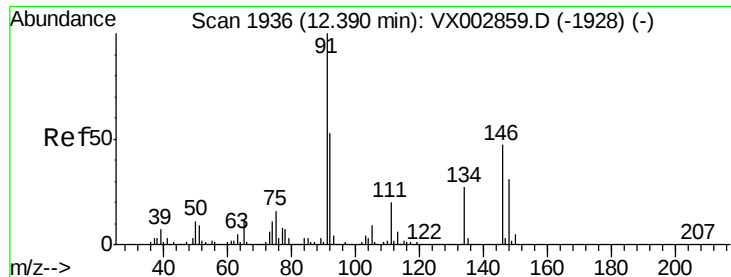
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#86
 p-Isopropyltoluene
 Concen: 0.23 ug/l m
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002915.D
 Acq: 27 Jun 2018 01:03

Tgt Ion:119 Resp: 2746
 Ion Ratio Lower Upper
 119 100
 134 50.9 13.4 40.1#
 91 45.9 11.9 35.7#





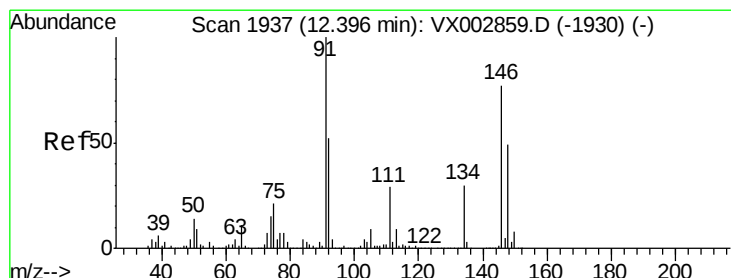
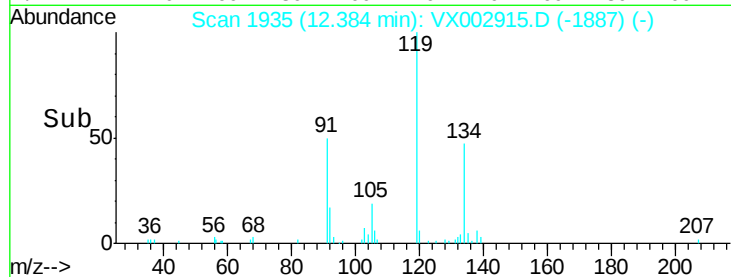
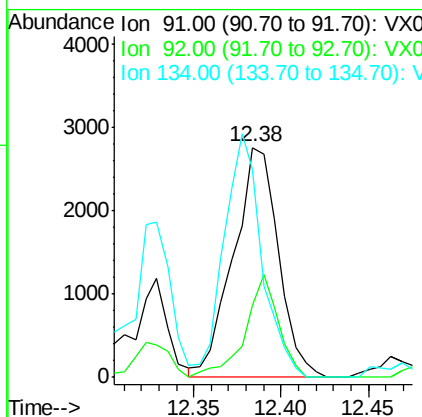
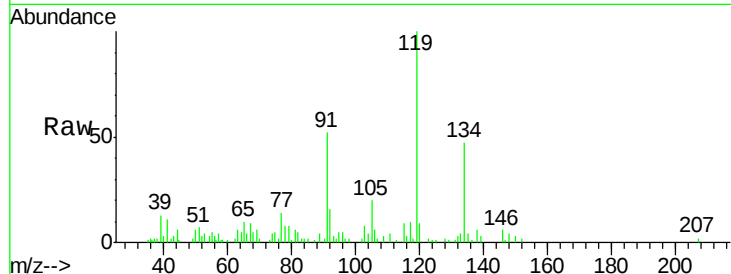
#89
n-Butylbenzene
Concen: 0.49 ug/l
RT: 12.38 min Scan# 1935
Delta R.T. -0.01 min
Lab File: VX002915.D
Acq: 27 Jun 2018 01:03

Instrument :
MSVOA_X
ClientSampleId :
WP021SB480-15-17-180622

Tot Ion	Ratio	Lower	Upper
91	100		
92	32.7	26.0	78.0
134	88.8	13.5	40.5

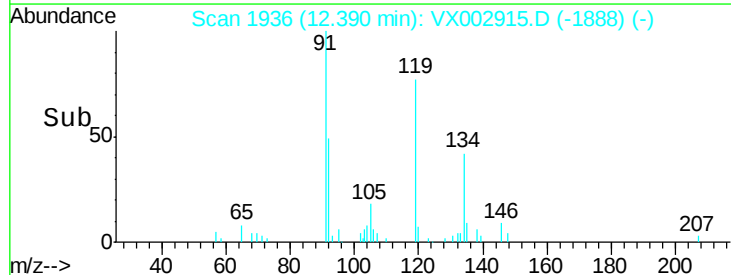
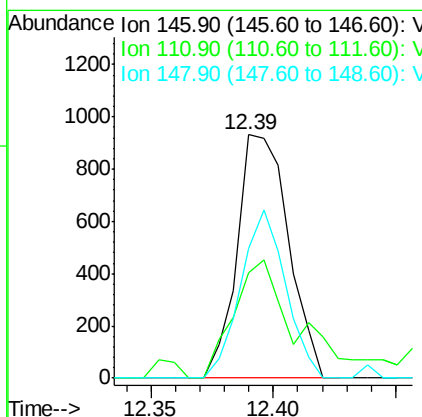
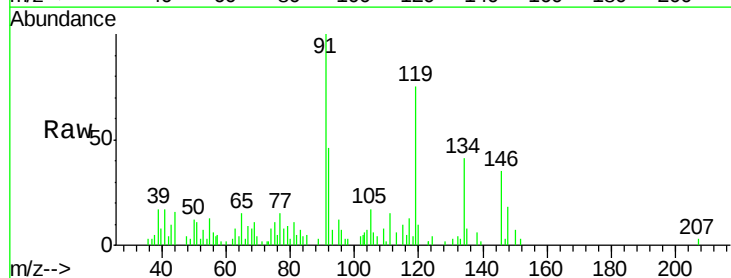
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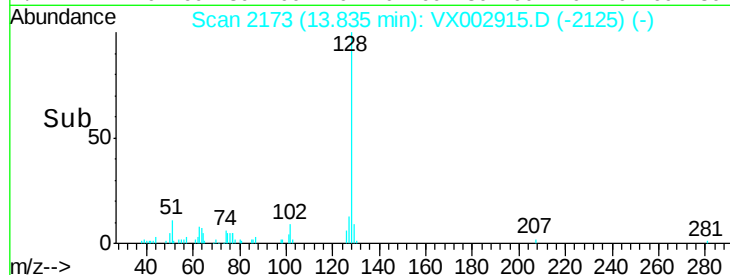
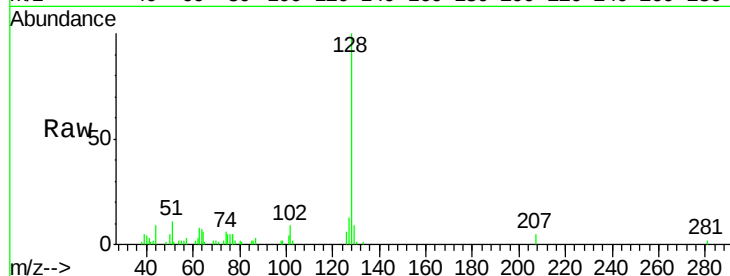
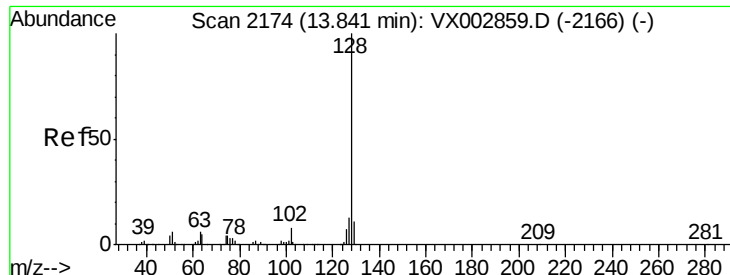
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#91
1,2-Dichlorobenzene
Concen: 0.20 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX002915.D
Acq: 27 Jun 2018 01:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	62.7	19.4	58.1
148	60.3	31.7	95.1





#95
Naphthalene
Concen: 0.45 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX002915.D
Acq: 27 Jun 2018 01:03

Tot Ion:	128	Resp:	5941
Ion Ratio	Lower	Upper	
128	100		
127	14.0	10.4	15.6
129	11.5	8.6	13.0

Instrument :
MSVOA_X
ClientSampleId :
WP021SB480-15-17-180622

Manual Integrations
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