

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061501.D
 Acq On : 2 Apr 2019 8:07
 Operator : VA/AP
 Sample : K2180-21
 Misc : 4.49g/5ml/MSVOA D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-10D1

Manual Integrations
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MMDadoda
 4/3/2019 12:49:24 PM

Quant Time: Apr 03 07:17:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	571240	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.21	114	998633	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	730965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	336959	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	231118	47.36	ug/l	0.01
Spiked Amount 50.000			Recovery	=	94.72%	
35) Dibromofluoromethane	6.91	113	389192	51.00	ug/l	0.01
Spiked Amount 50.000			Recovery	=	102.00%	
50) Toluene-d8	10.40	98	774727	42.33	ug/l	0.01
Spiked Amount 50.000			Recovery	=	84.66%	
62) 4-Bromofluorobenzene	13.55	95	322791	45.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.98%	
Target Compounds						
					Qvalue	
16) Acetone	3.22	43	20428	16.285	ug/l	93
20) Methylene Chloride	3.82	84	59119	6.752	ug/l	94
31) Cyclohexane	6.96	56	60516	7.200	ug/l #	48
39) Methylcyclohexane	8.85	83	87964	9.690	ug/l	96
67) Ethyl Benzene	12.52	91	489725	21.478	ug/l	98
68) m/p-Xylenes	12.66	106	407931	47.229	ug/l	99
73) Isopropylbenzene	13.40	105	114113	4.866	ug/l	98
78) n-propylbenzene	13.77	91	533523	18.590	ug/l	96
80) 1,3,5-Trimethylbenzene	13.93	105	761298	41.839	ug/l	97
84) 1,2,4-Trimethylbenzene	14.24	105	2118186	107.525	ug/l	97
85) sec-Butylbenzene	14.36	105	42811m	1.772	ug/l	
89) n-Butylbenzene	14.78	91	63207m	3.371	ug/l	
95) Naphthalene	16.12	128	59397	8.858	ug/l	99

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

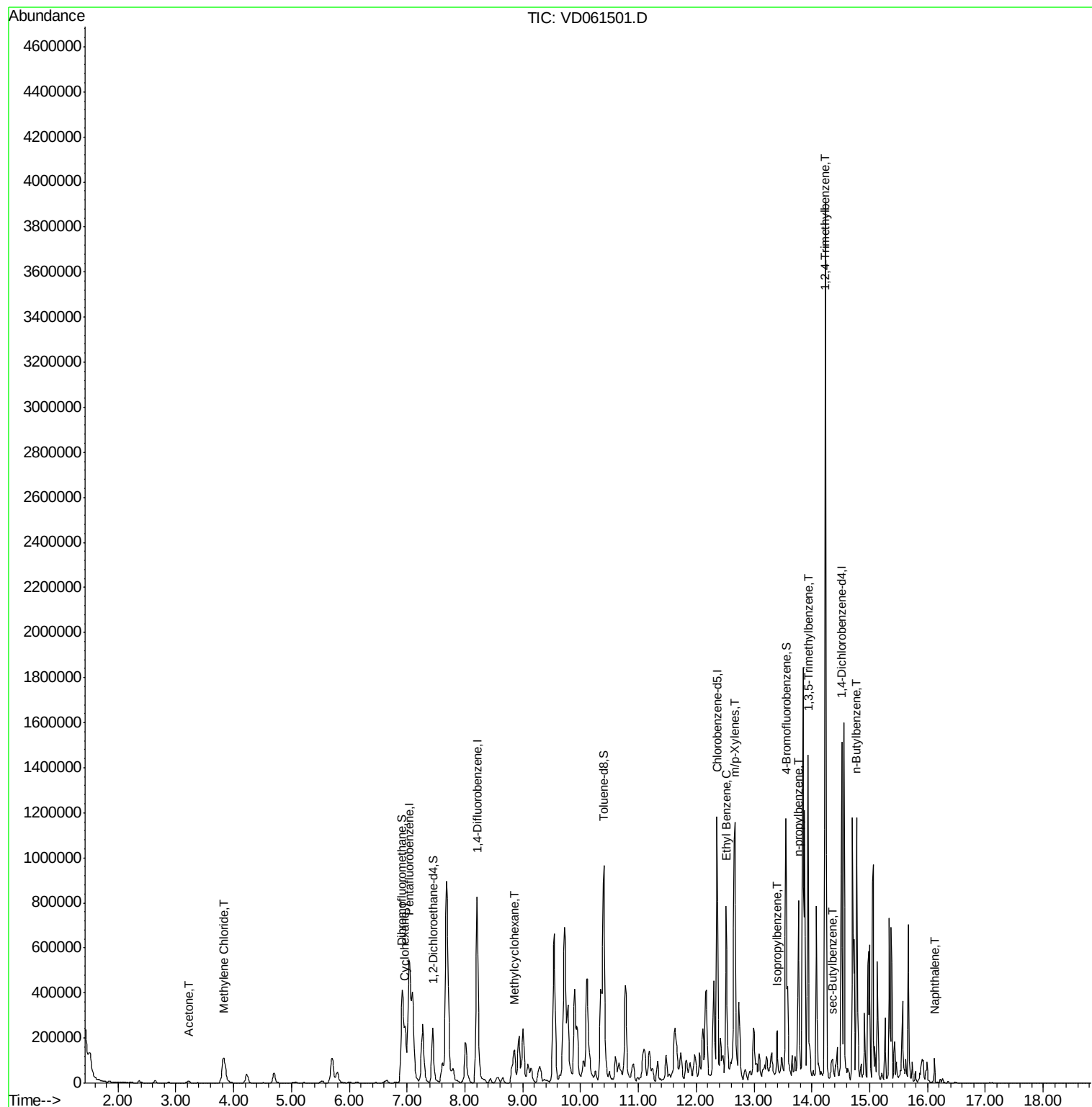
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040119\
Data File : VD061501.D
Acq On : 2 Apr 2019 8:07
Operator : VA/AP
Sample : K2180-21
Misc : 4.49g/5ml/MSVOA D/SOIL
ALS Vial : 43 Sample Multiplier: 1

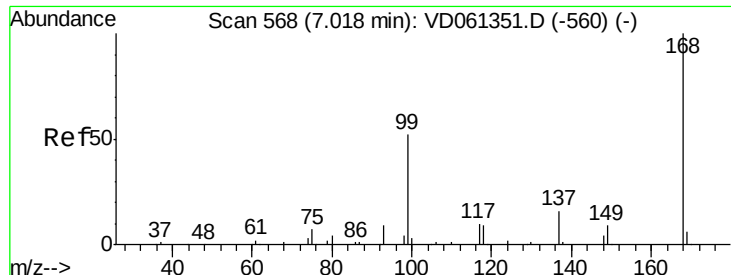
Instrument :
MSVOA_D
ClientSampleId :
TP-10D1

Manual Integrations
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Quant Time: Apr 03 07:17:07 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD061501.D

Acq: 2 Apr 2019 8:07

Instrument :

MSVOA_D

ClientSampled :

TP-10D1

Tot Ion:168 Resp: 571240

Ion Ratio Lower Upper

168 100

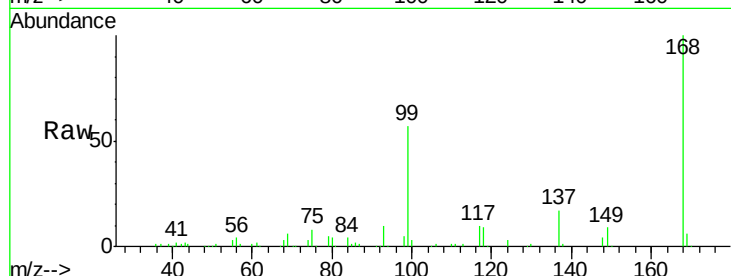
99 56.6 43.1 64.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

200000

150000

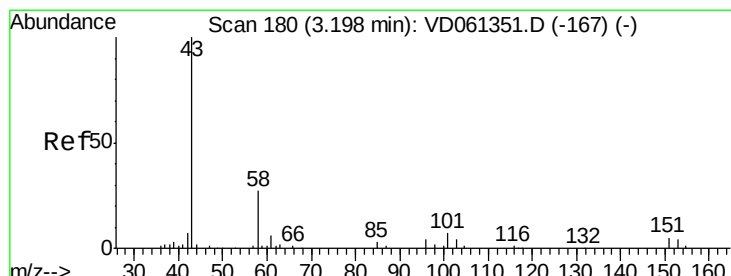
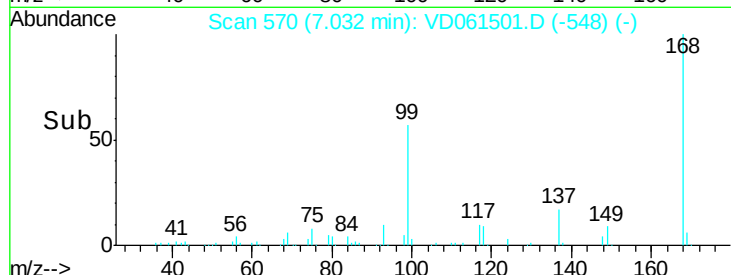
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50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 16.285 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.02 min

Lab File: VD061501.D

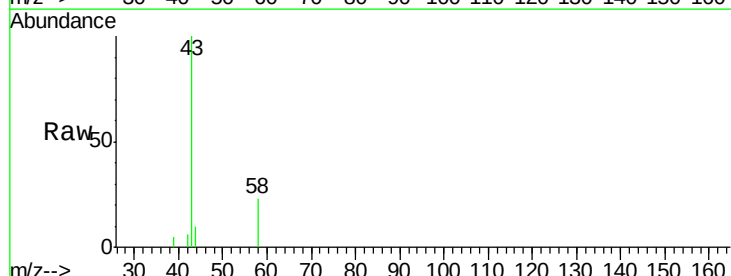
Acq: 2 Apr 2019 8:07

Tgt Ion: 43 Resp: 20428

Ion Ratio Lower Upper

43 100

58 23.5 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

8000

6000

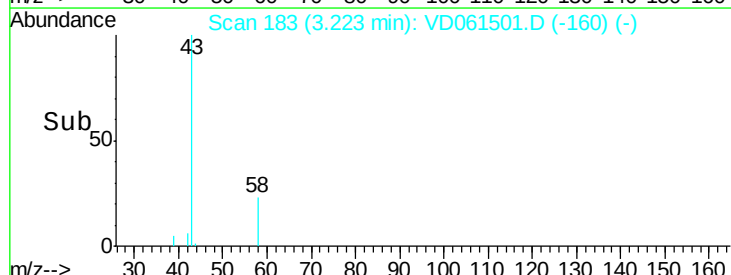
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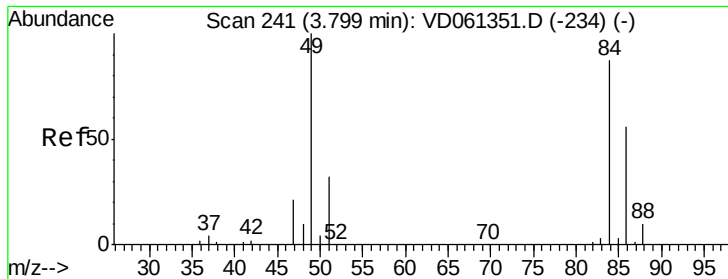
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0

3.10 3.20 3.30 3.40

Time-->





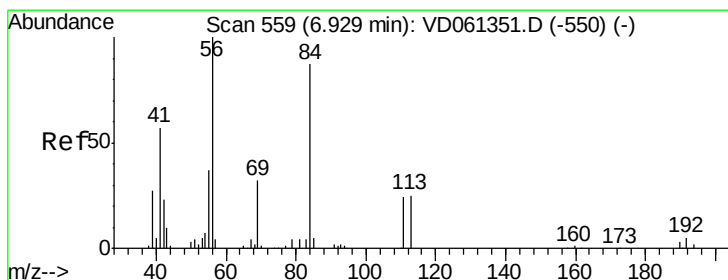
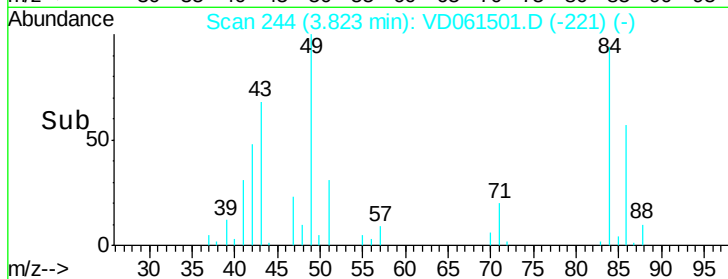
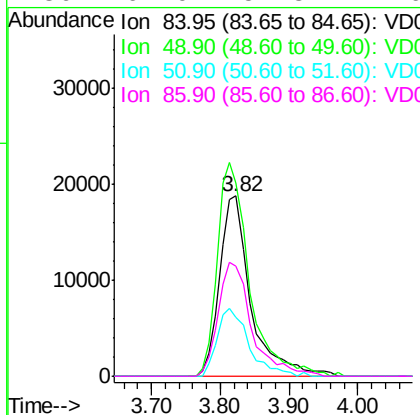
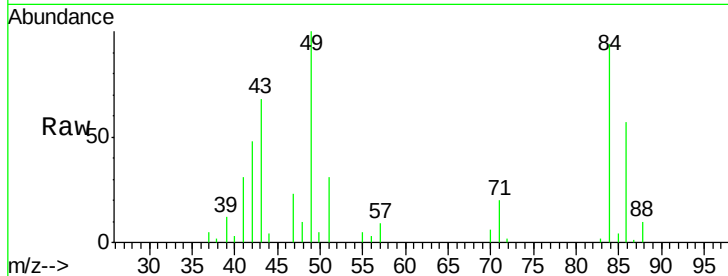
#20
Methvlene Chloride
Concen: 6.752 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.02 min
Lab File: VD061501.D
Acq: 2 Apr 2019 8:07

Instrument :
MSVOA_D
ClientSampleId :
TP-10D1

Tot Ion:	84	Resp:	59119
Ion	Ratio	Lower	Upper
84	100		
49	107.0	91.8	137.8
51	33.0	29.8	44.8
86	61.0	51.8	77.6

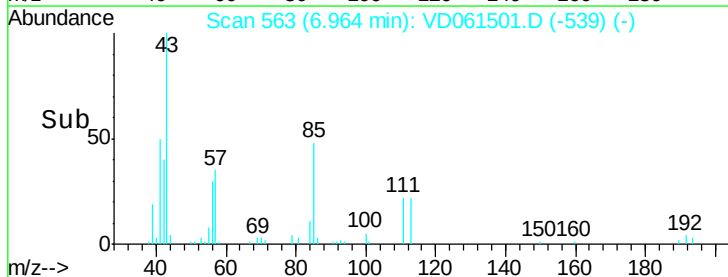
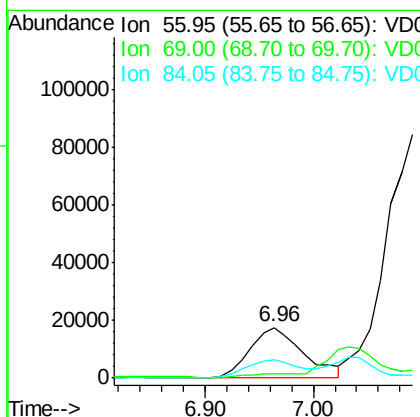
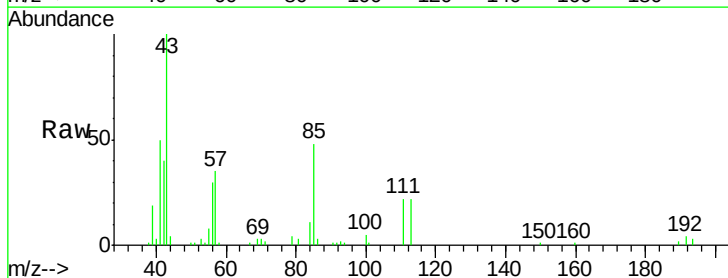
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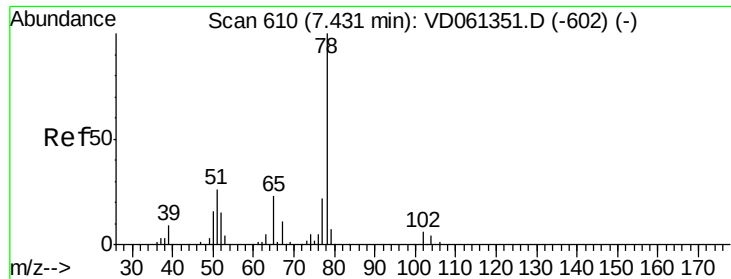
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#31
Cyclohexane
Concen: 7.200 ug/l
RT: 6.96 min Scan# 563
Delta R.T. 0.03 min
Lab File: VD061501.D
Acq: 2 Apr 2019 8:07

Tgt Ion:	56	Resp:	60516
Ion	Ratio	Lower	Upper
56	100		
69	9.1	25.7	38.5#
84	36.6	70.6	105.8#





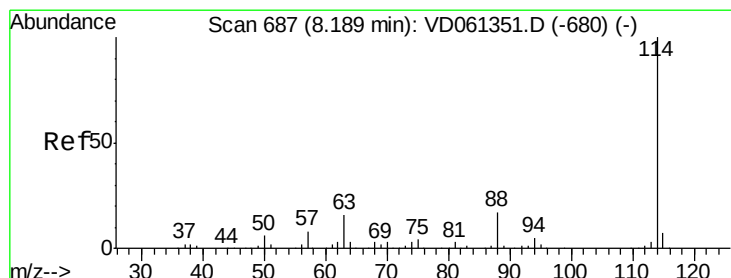
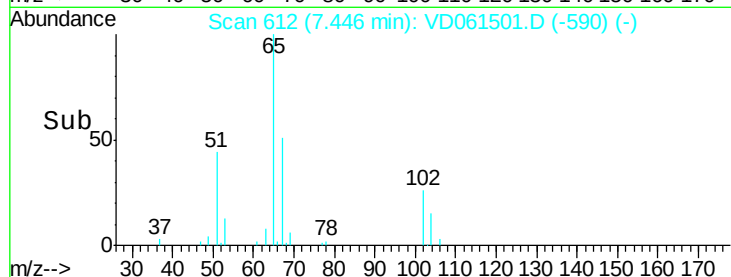
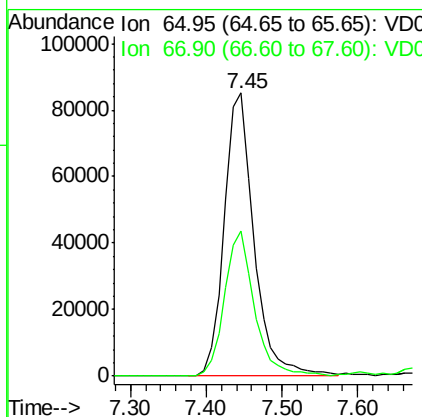
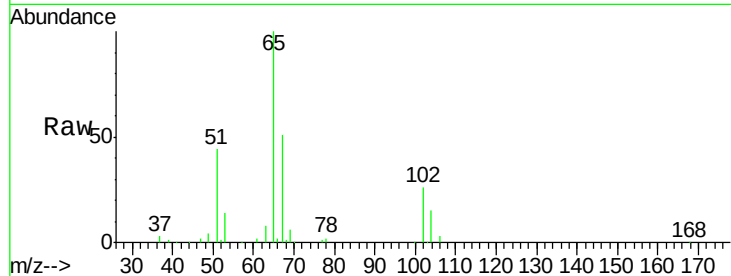
#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: VD061501.D
 Acq: 2 Apr 2019 8:07

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-10D1

Tot Ion: 65 Resp: 231118
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 99.8

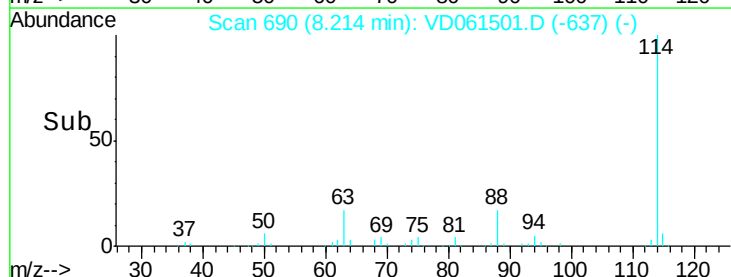
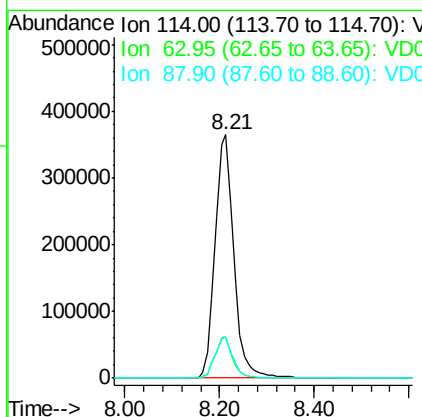
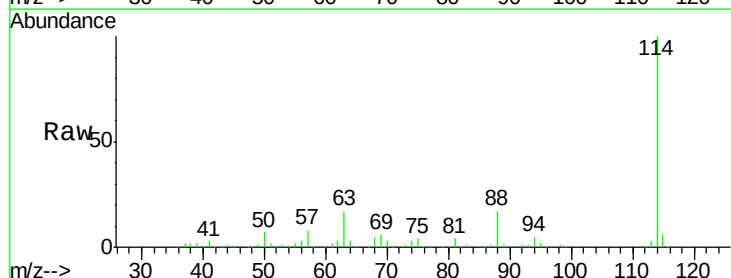
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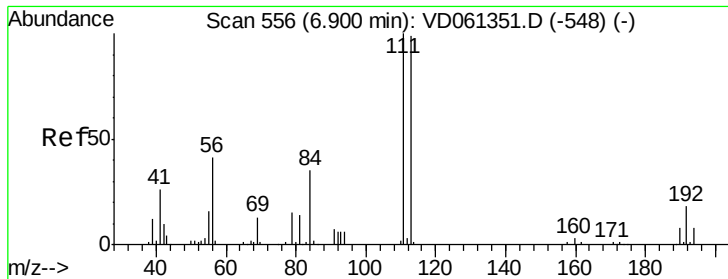
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. 0.02 min
 Lab File: VD061501.D
 Acq: 2 Apr 2019 8:07

Tgt Ion: 114 Resp: 998633
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 31.6
 88 16.8 0.0 33.4





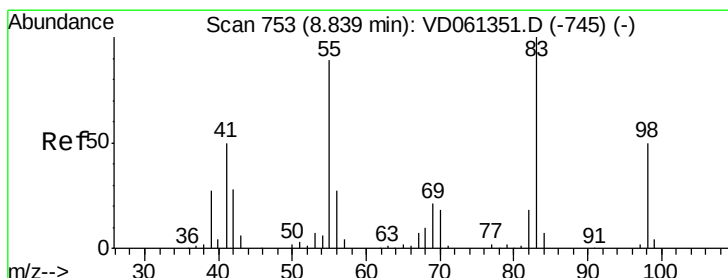
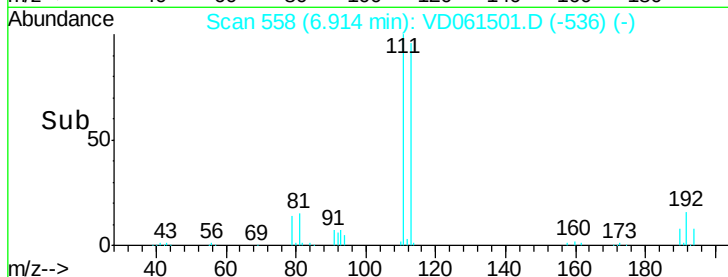
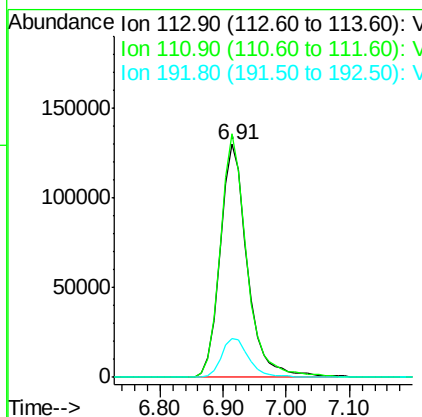
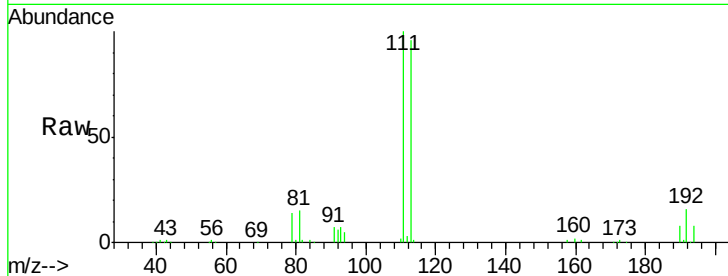
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: VD061501.D
 Acq: 2 Apr 2019 8:07

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-10D1

Tot Ion	Ratio	Resp	Lower	Upper
113	100	389192		
111	104.5	81.0	121.6	
192	16.7	14.4	21.6	

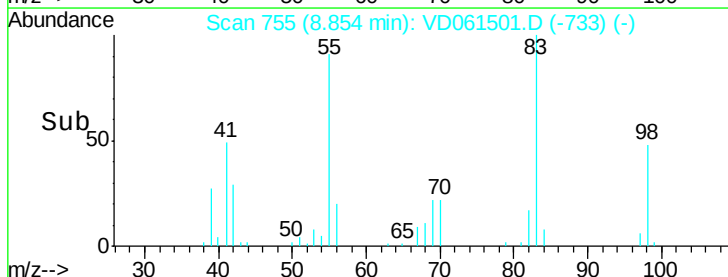
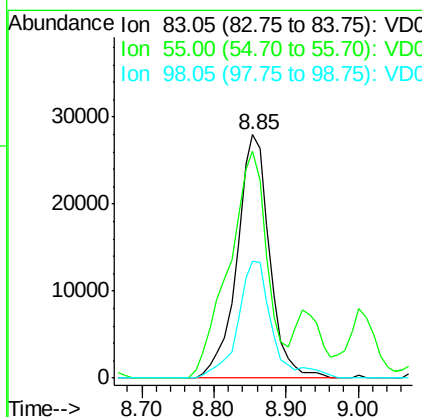
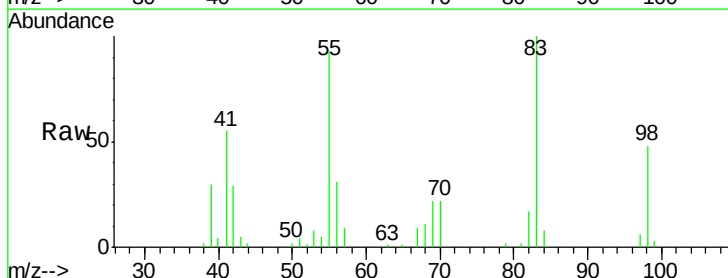
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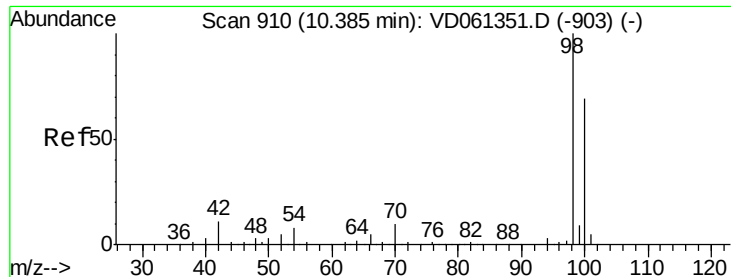
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#39
 Methylcyclohexane
 Concen: 9.690 ug/l
 RT: 8.85 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: VD061501.D
 Acq: 2 Apr 2019 8:07

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	87964		
55	93.2	71.5	107.3	
98	48.0	40.3	60.5	





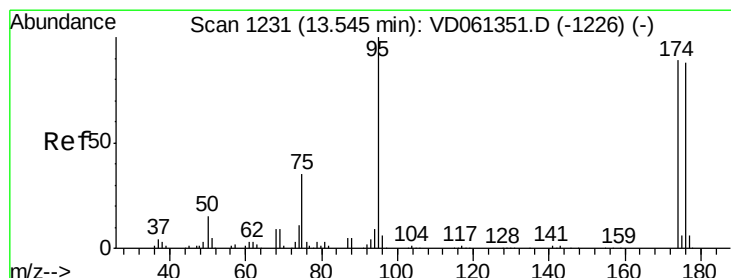
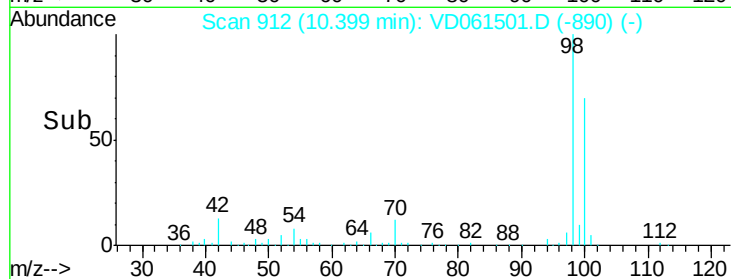
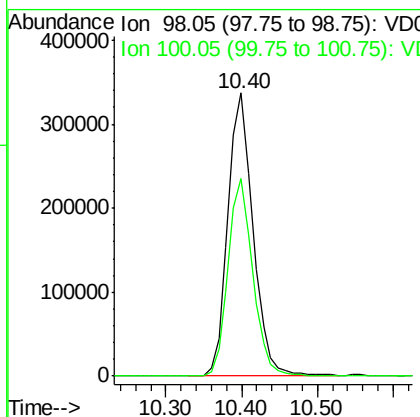
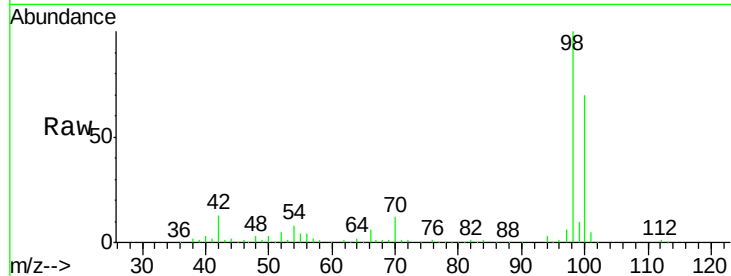
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.01 min
Lab File: VD061501.D
Acq: 2 Apr 2019 8:07

Instrument :
MSVOA_D
ClientSampleId :
TP-10D1

Tot Ion: 98 Resp: 774727
Ion Ratio Lower Upper
98 100
100 69.9 56.2 84.2

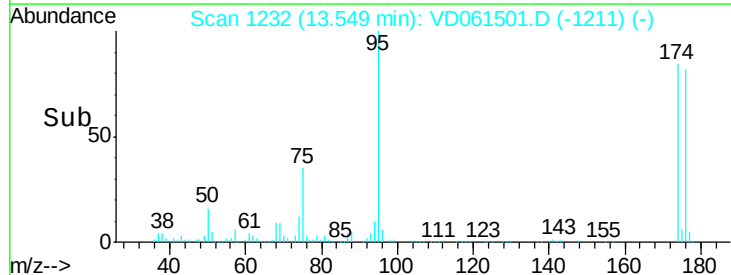
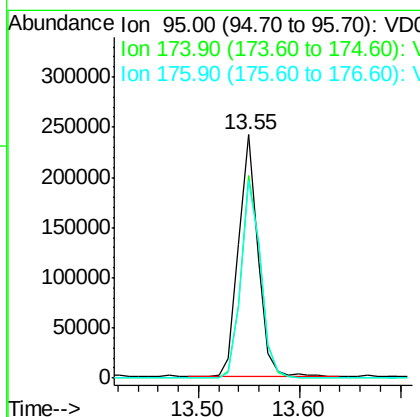
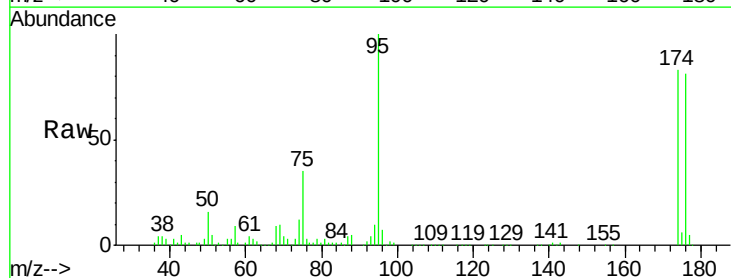
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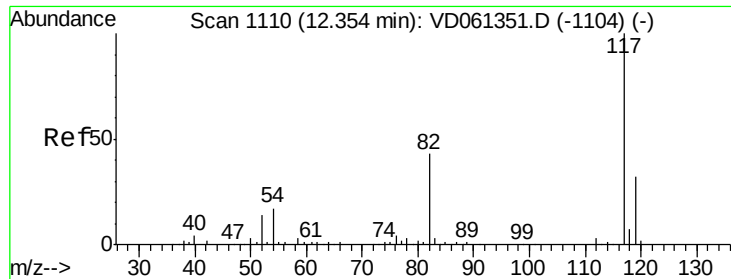
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#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD061501.D
Acq: 2 Apr 2019 8:07

Tgt Ion: 95 Resp: 322791
Ion Ratio Lower Upper
95 100
174 83.4 0.0 178.0
176 81.3 0.0 175.0





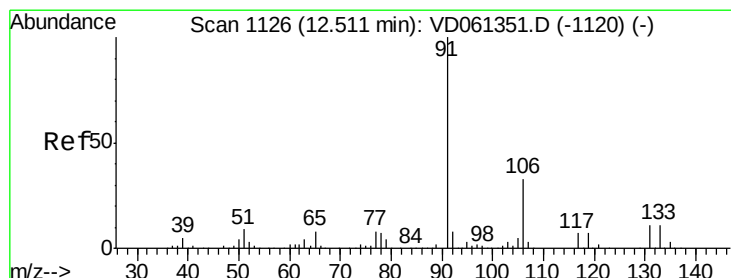
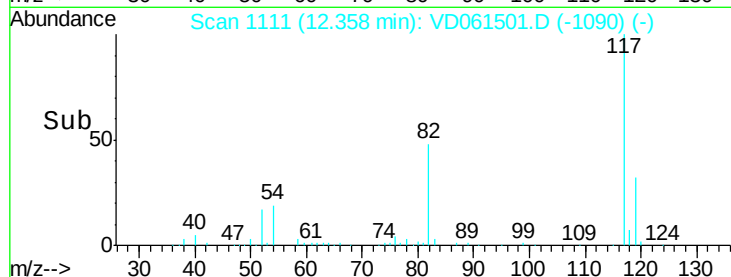
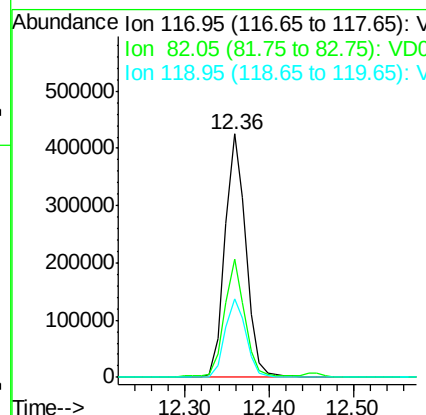
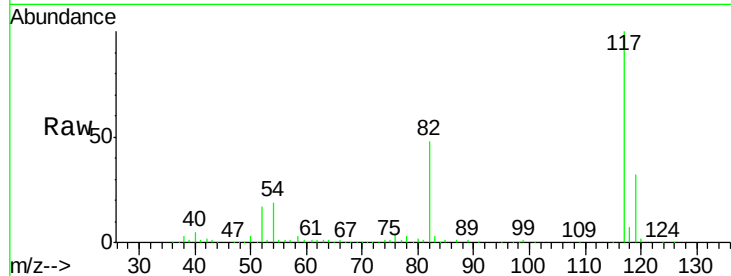
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061501.D
Acq: 2 Apr 2019 8:07

Instrument :
MSVOA_D
ClientSampled :
TP-10D1

Tot Ion	Ratio	Resp	Lower	Upper
117	100	730965		
82	48.4		34.4	51.6
119	32.3		25.8	38.6

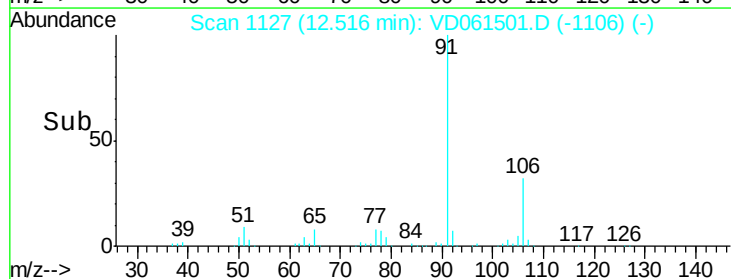
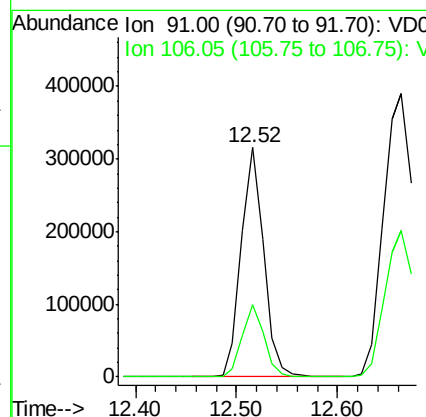
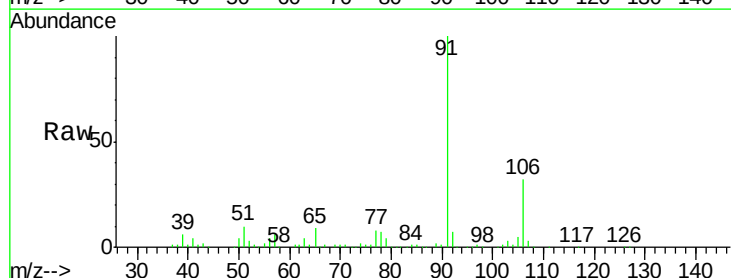
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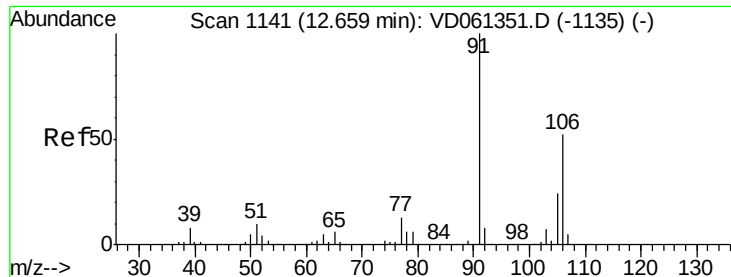
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#67
Ethyl Benzene
Concen: 21.478 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. 0.00 min
Lab File: VD061501.D
Acq: 2 Apr 2019 8:07

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	489725		
106	31.7		26.1	39.1





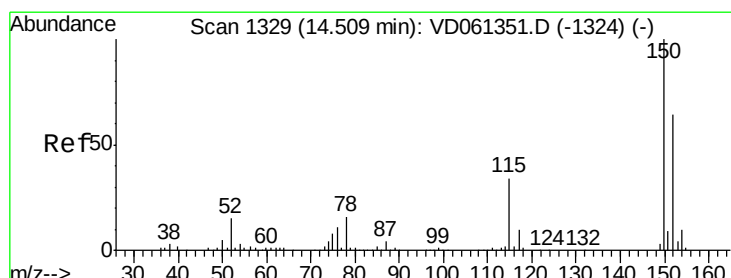
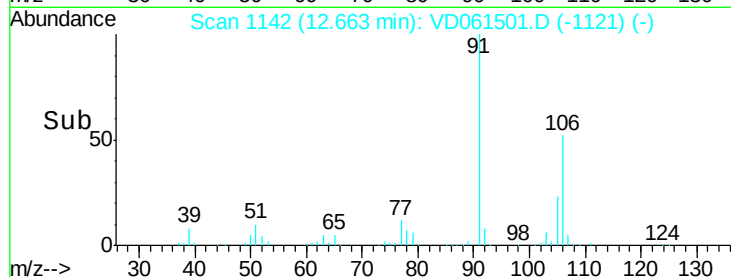
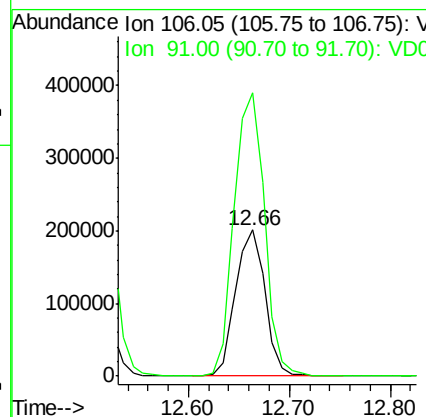
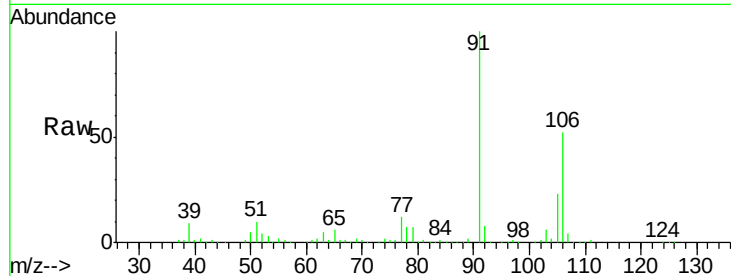
#68
m/p-Xvlenes
Concen: 47.229 ug/l
RT: 12.66 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VD061501.D
Acq: 2 Apr 2019 8:07

Instrument :
MSVOA_D
ClientSampled :
TP-10D1

Tot Ion:106 Resp: 407931
Ion Ratio Lower Upper
106 100
91 193.5 153.1 229.7

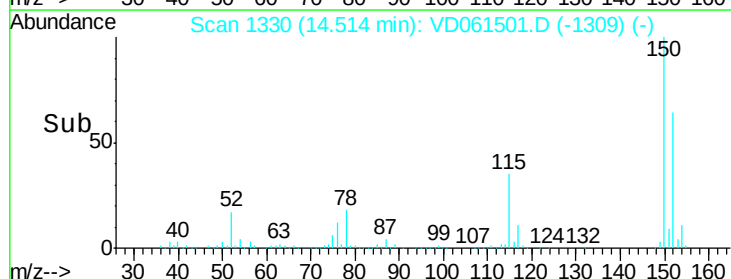
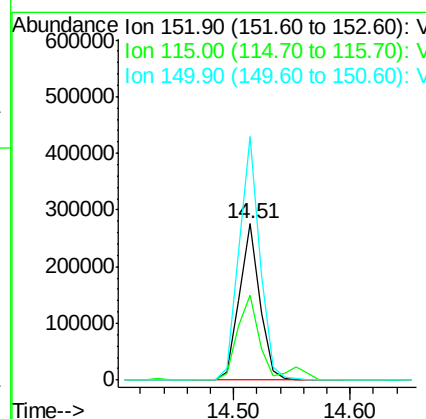
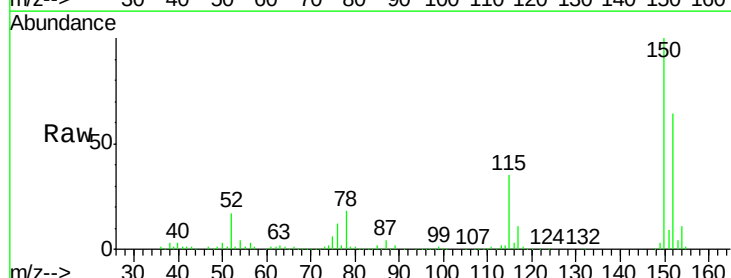
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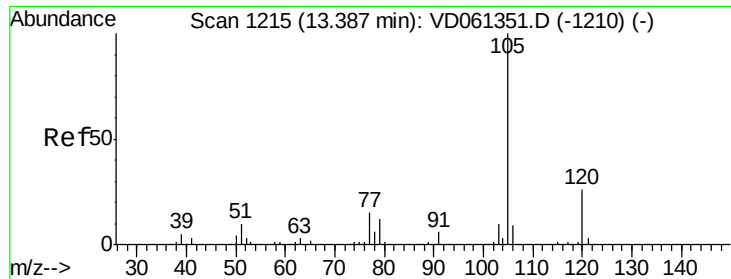
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061501.D
Acq: 2 Apr 2019 8:07

Tgt Ion:152 Resp: 336959
Ion Ratio Lower Upper
152 100
115 54.6 26.9 80.6
150 155.7 0.0 318.0





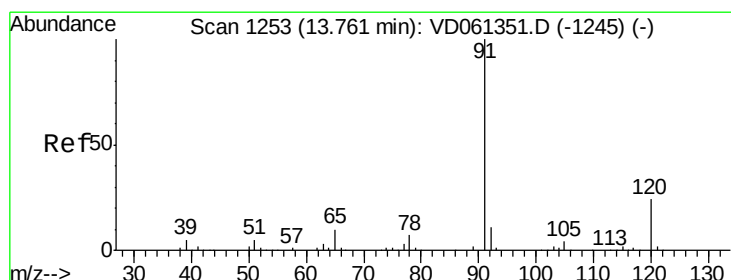
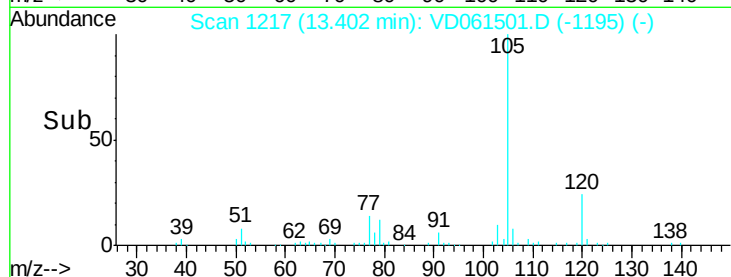
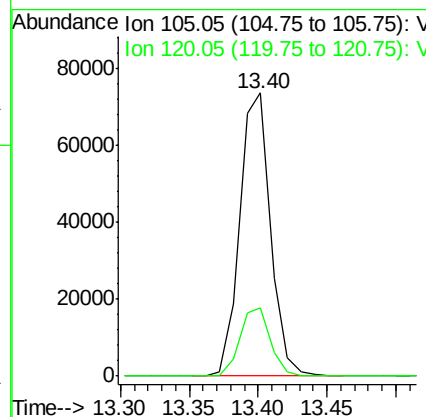
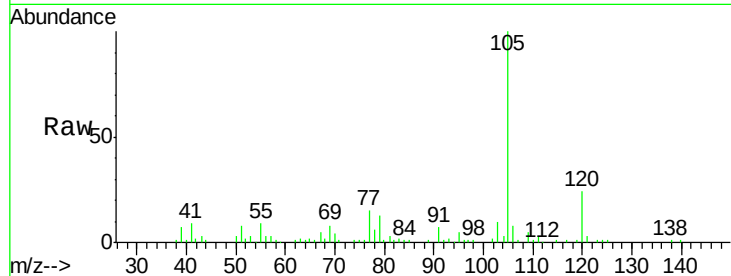
#73
Isopropylbenzene
Concen: 4.866 ug/l
RT: 13.40 min Scan# 1217
Delta R.T. 0.01 min
Lab File: VD061501.D
Acq: 2 Apr 2019 8:07

Instrument :
MSVOA_D
ClientSampleId :
TP-10D1

Tot Ion: 105 Resp: 114113
Ion Ratio Lower Upper
105 100
120 24.4 12.8 38.3

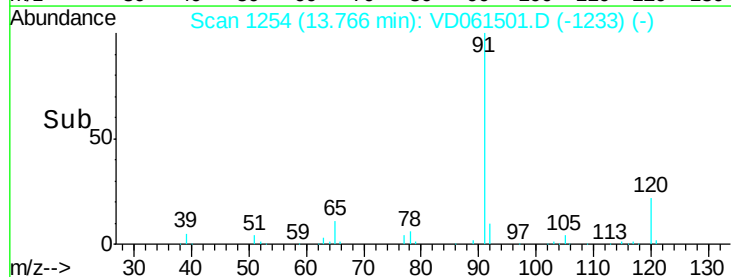
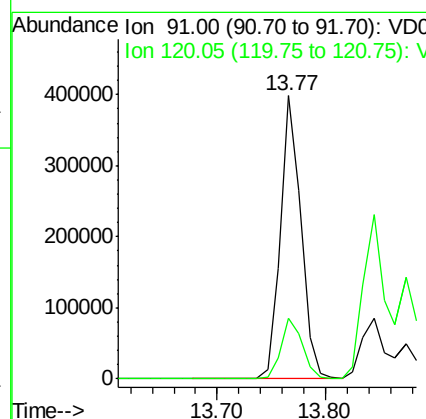
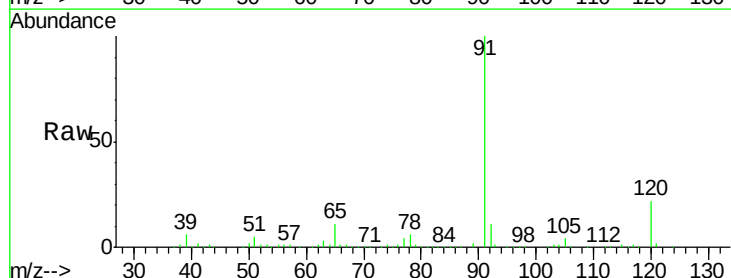
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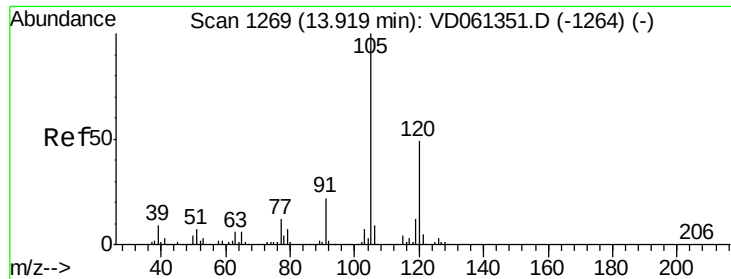
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#78
n-propylbenzene
Concen: 18.590 ug/l
RT: 13.77 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VD061501.D
Acq: 2 Apr 2019 8:07

Tgt Ion: 91 Resp: 533523
Ion Ratio Lower Upper
91 100
120 21.6 11.8 35.3





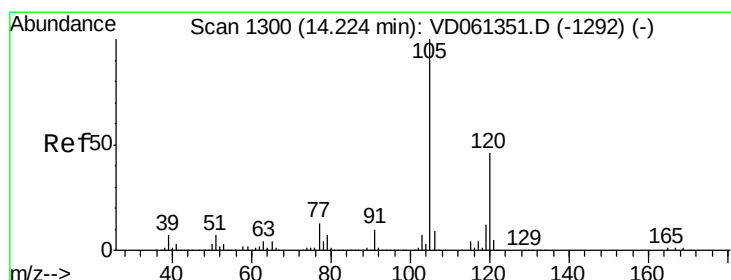
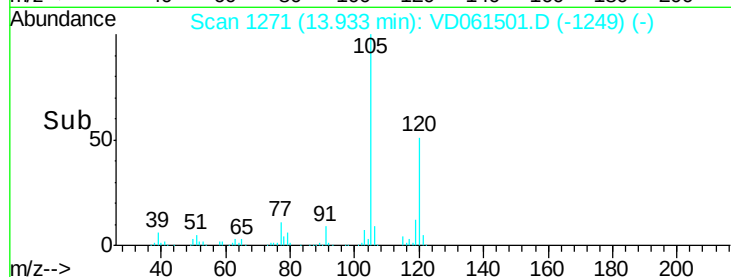
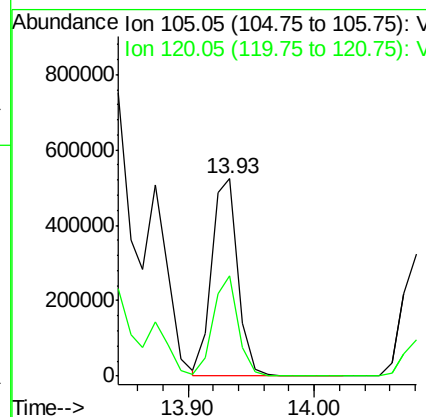
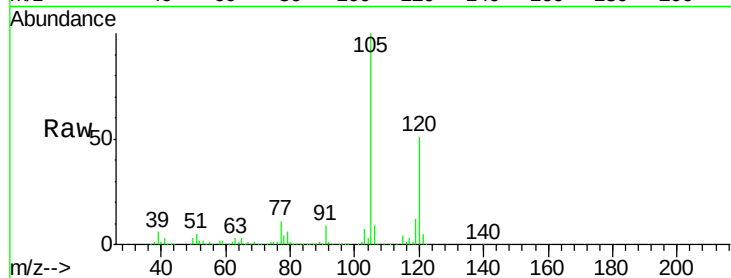
#80
 1,3,5-Trimethylbenzene
 Concen: 41.839 ug/l
 RT: 13.93 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: VD061501.D
 Acq: 2 Apr 2019 8:07

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-10D1

Tot Ion:105 Resp: 761298
 Ion Ratio Lower Upper
 105 100
 120 51.2 24.6 73.6

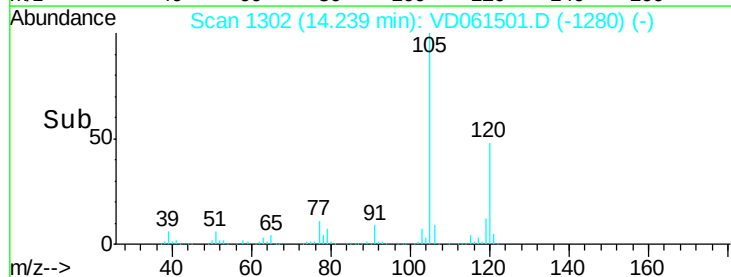
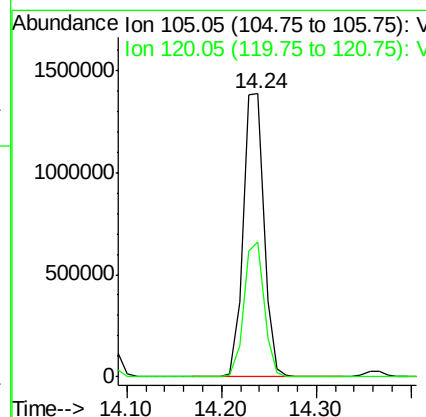
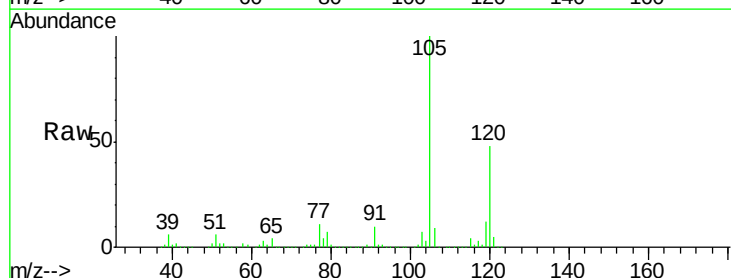
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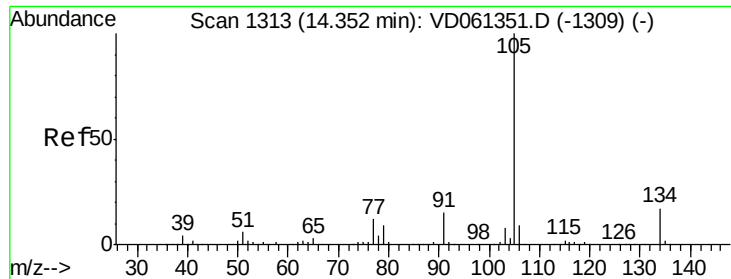
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#84
 1,2,4-Trimethylbenzene
 Concen: 107.525 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: VD061501.D
 Acq: 2 Apr 2019 8:07

Tgt Ion:105 Resp: 2118186
 Ion Ratio Lower Upper
 105 100
 120 47.6 22.8 68.4





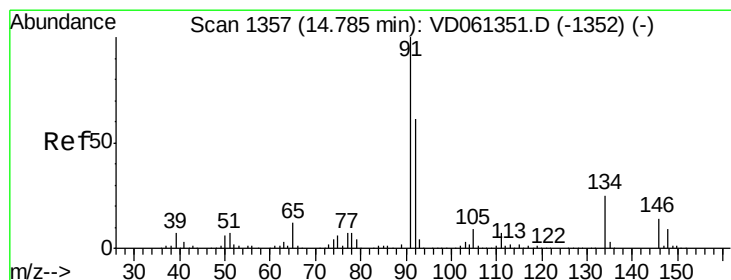
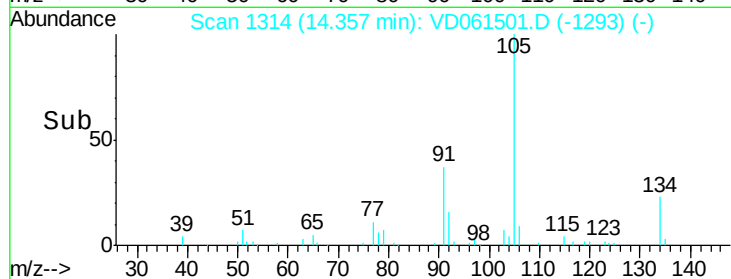
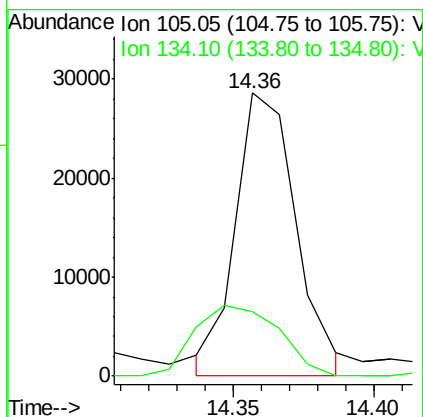
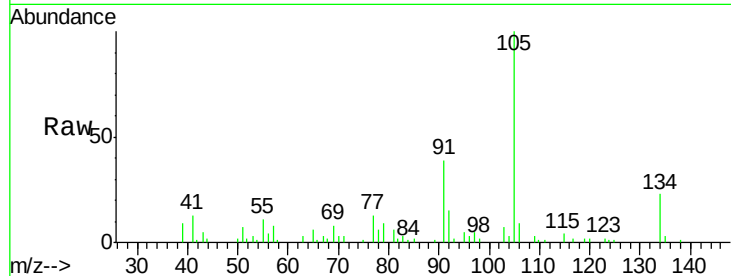
#85
 sec-Butylbenzene
 Concen: 1.772 ug/l m
 RT: 14.36 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: VD061501.D
 Acq: 2 Apr 2019 8:07

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-10D1

Tot Ion: 105 Resp: 42811
 Ion Ratio Lower Upper
 105 100
 134 22.7 8.7 26.1

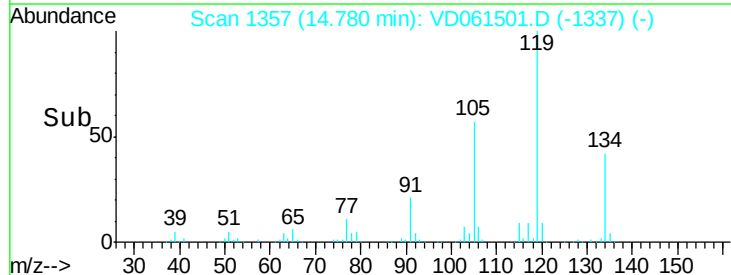
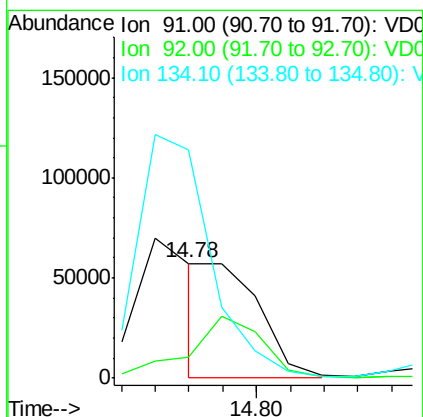
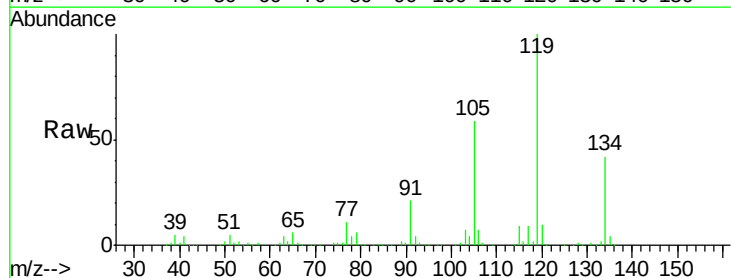
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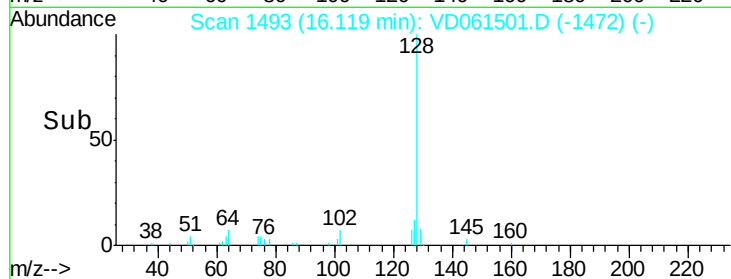
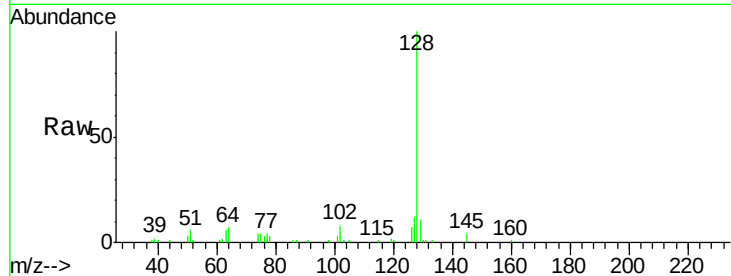
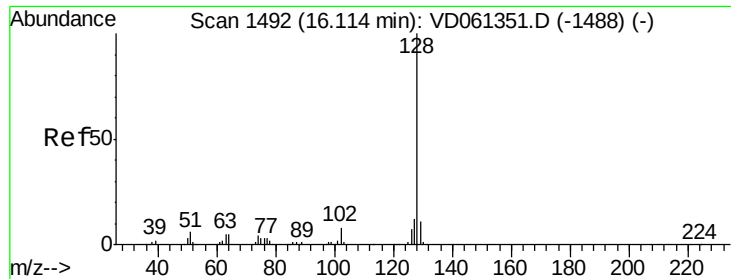
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#89
 n-Butylbenzene
 Concen: 3.371 ug/l m
 RT: 14.78 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: VD061501.D
 Acq: 2 Apr 2019 8:07

Tgt Ion: 91 Resp: 63207
 Ion Ratio Lower Upper
 91 100
 92 18.4 30.3 91.0#
 134 199.3 12.4 37.0#





#95
Naphthalene
Concen: 8.858 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VD061501.D
Acq: 2 Apr 2019 8:07

Tot Ion:	128	Resp:	59397
Ion Ratio	Lower	Upper	
128	100		
127	11.9	9.9	14.9
129	10.7	8.9	13.3

Instrument :
MSVOA_D
ClientSampleId :
TP-10D1

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