

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021920\
 Data File : VD065244.D
 Acq On : 19 Feb 2020 17:48
 Operator : VA/SY
 Sample : L1596-02
 Misc : 4.81G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-064

Manual Integrations
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Quant Time: Feb 20 04:53:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	372392	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.85	114	693059	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.66	117	564200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.59	152	219009	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	193047	57.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.24%	
35) Dibromofluoromethane	7.94	113	194217	45.96	ug/l	0.02
Spiked Amount 50.000			Recovery	=	91.92%	
50) Toluene-d8	10.34	98	813662	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.65	95	204254	39.91	ug/l	0.01
Spiked Amount 50.000			Recovery	=	79.82%	
Target Compounds						
3) Chloromethane	2.22	50	13987	3.518	ug/l	100
5) Bromomethane	2.73	94	29893	12.230	ug/l	94
30) Chloroform	7.70	83	16456m	2.436	ug/l	
31) Cyclohexane	7.95	56	8064	1.224	ug/l #	32
52) Toluene	10.40	92	391152	33.200	ug/l	100

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

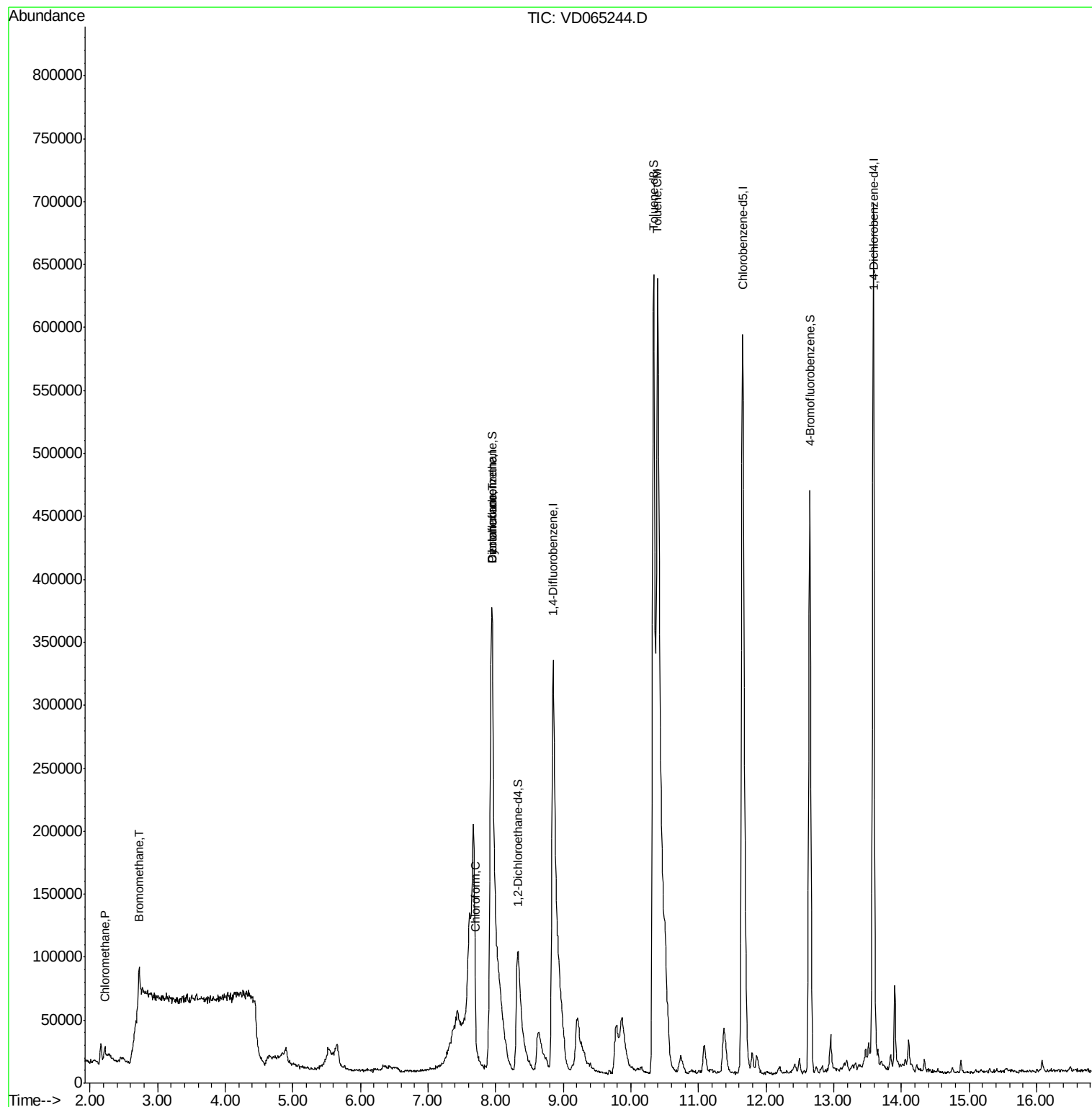
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021920\
Data File : VD065244.D
Acq On : 19 Feb 2020 17:48
Operator : VA/SY
Sample : L1596-02
Misc : 4.81G/5.00ml/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

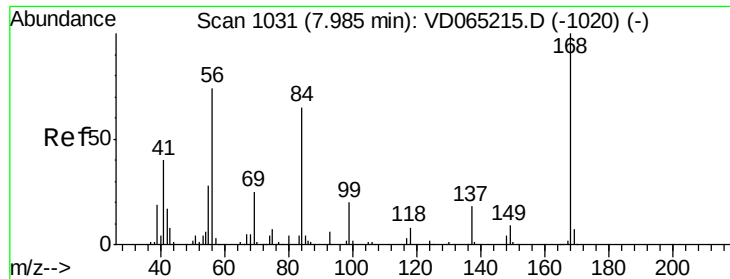
Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-064

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Quant Time: Feb 20 04:53:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 1024

Delta R.T. -0.04 min

Lab File: VD065244.D

Acq: 19 Feb 2020 17:48

Instrument :

MSVOA_D

ClientSampleId :

FK-PS-01-064

Tot Ion:168 Resp: 372392

Ion Ratio Lower Upper

168 100

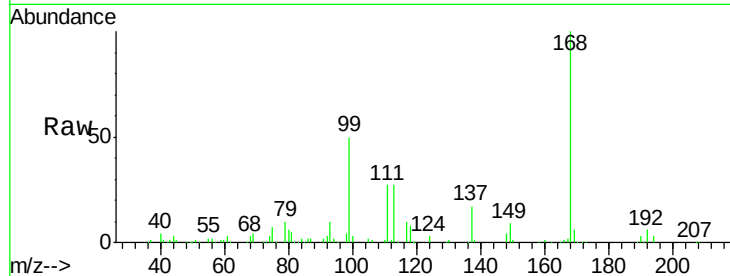
99 50.0 41.4 62.2

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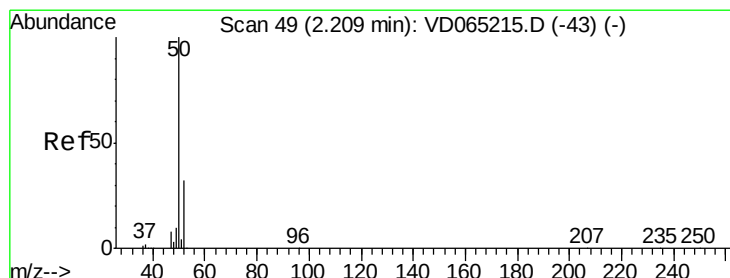
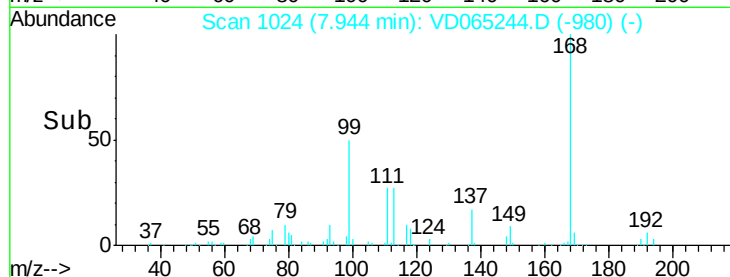
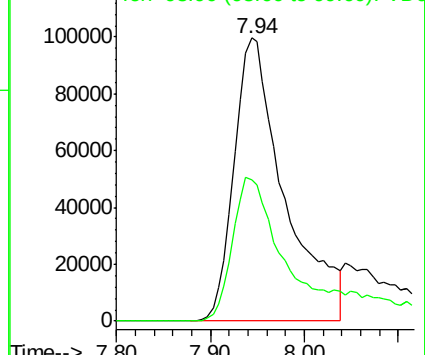
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#3

Chloromethane

Concen: 3.518 ug/l

RT: 2.22 min Scan# 51

Delta R.T. 0.01 min

Lab File: VD065244.D

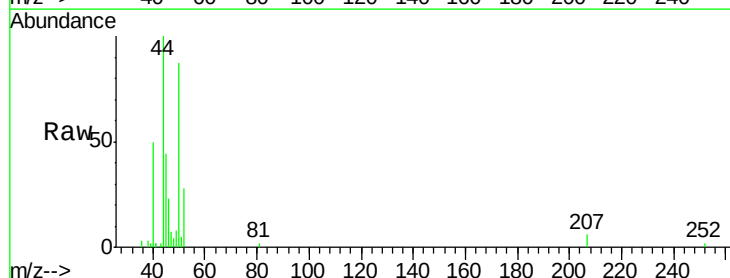
Acq: 19 Feb 2020 17:48

Tgt Ion: 50 Resp: 13987

Ion Ratio Lower Upper

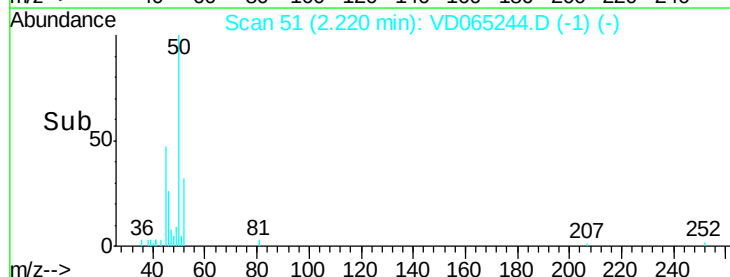
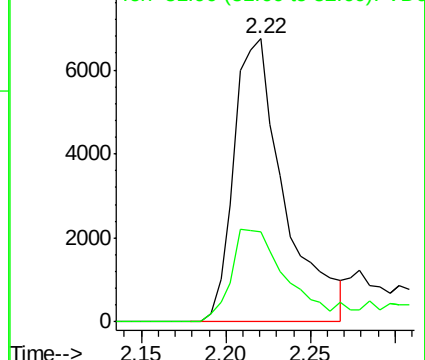
50 100

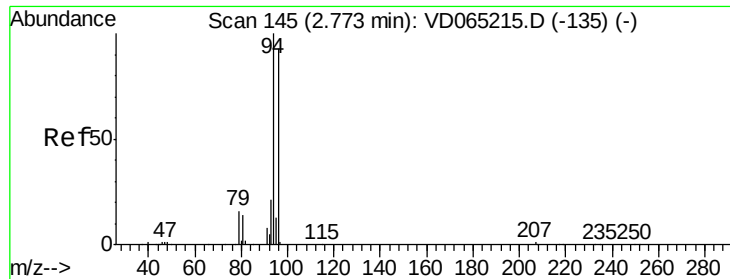
52 31.7 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#5

Bromomethane

Concen: 12.230 ug/l

RT: 2.73 min Scan# 137

Delta R.T. -0.05 min

Lab File: VD065244.D

Acq: 19 Feb 2020 17:48

Instrument :

MSVOA_D

ClientSampleId :

FK-PS-01-064

Tot Ion: 94 Resp: 29893

Ion Ratio Lower Upper

94 100

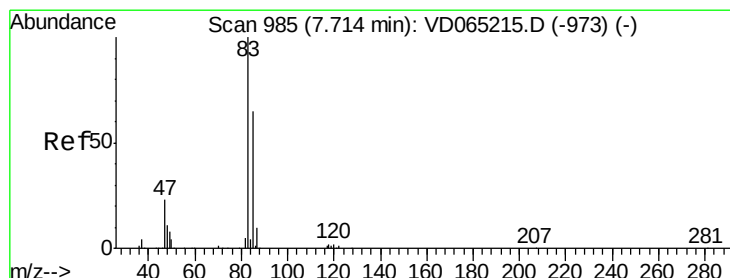
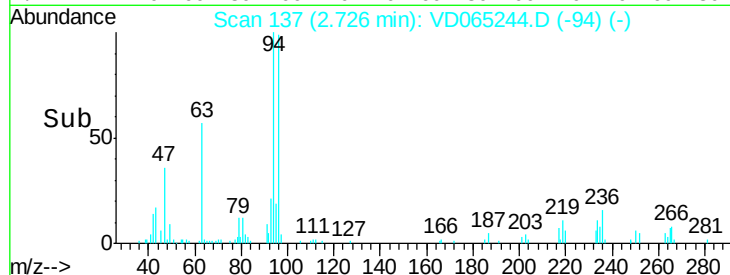
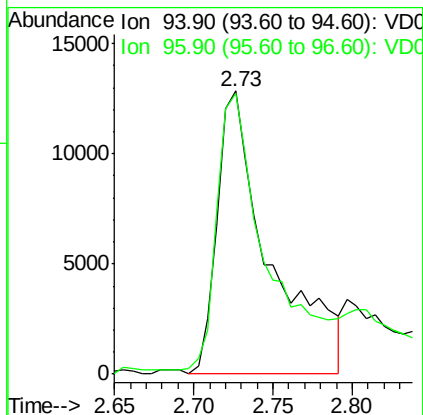
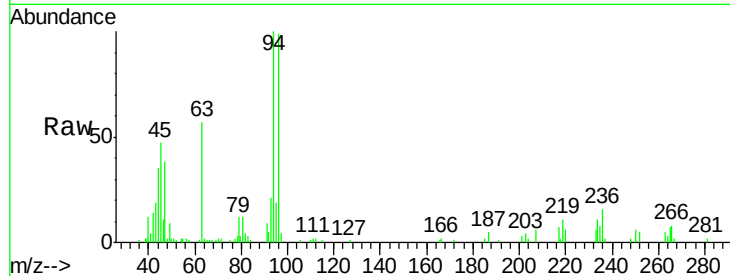
96 98.7 74.2 111.4

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#30

Chloroform

Concen: 2.436 ug/l m

RT: 7.70 min Scan# 983

Delta R.T. -0.01 min

Lab File: VD065244.D

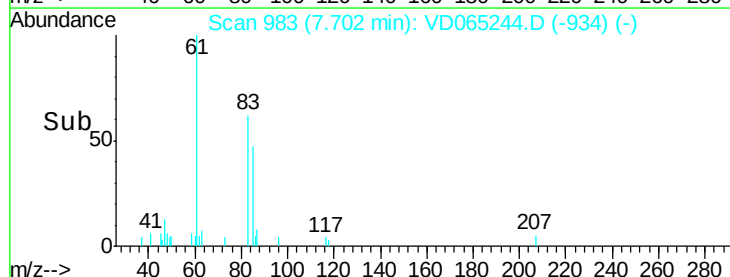
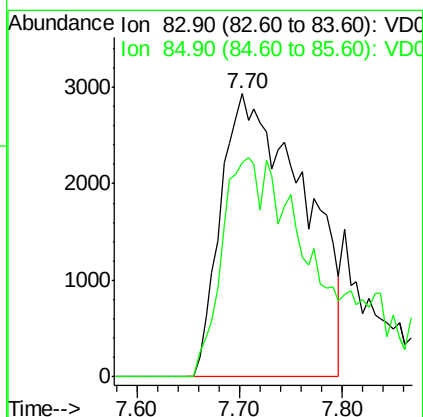
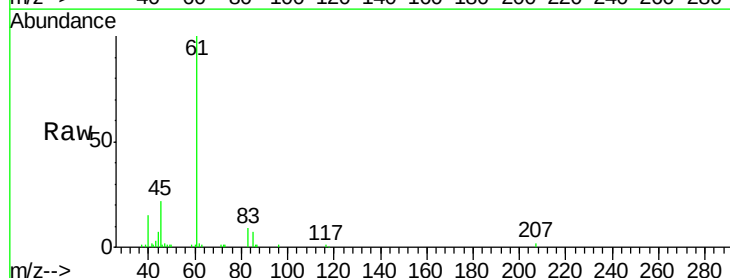
Acq: 19 Feb 2020 17:48

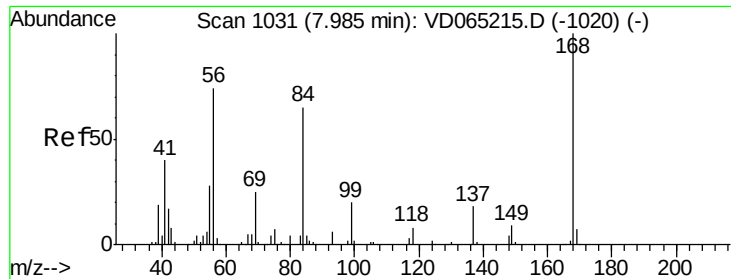
Tgt Ion: 83 Resp: 16456

Ion Ratio Lower Upper

83 100

85 75.7 52.3 78.5





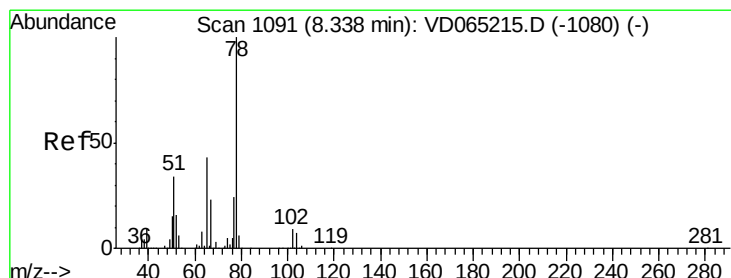
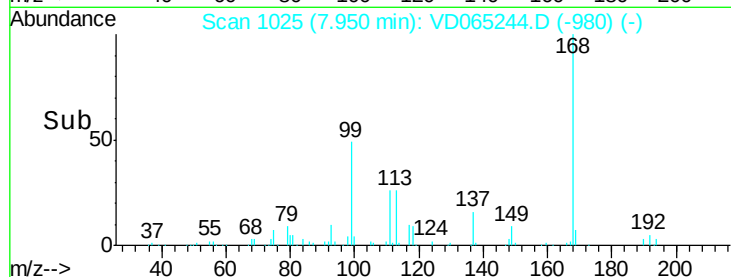
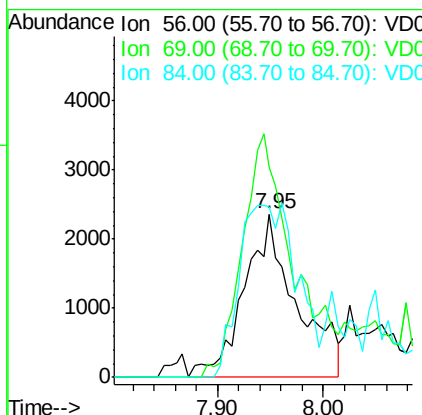
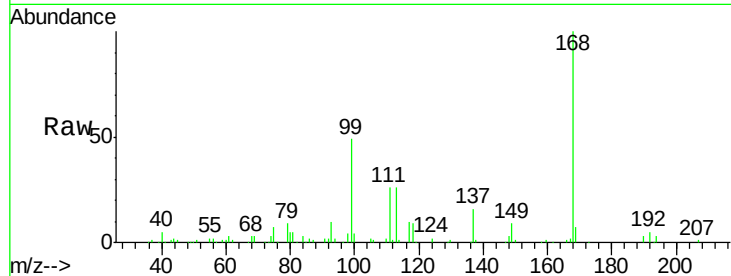
#31
Cyclohexane
Concen: 1.224 ug/l
RT: 7.95 min Scan# 1025
Delta R.T. -0.04 min
Lab File: VD065244.D
Acq: 19 Feb 2020 17:48

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-064

Tot Ion	Ratio	Lower	Upper
56	100		
69	138.2	27.4	41.0#
84	111.8	71.1	106.7#

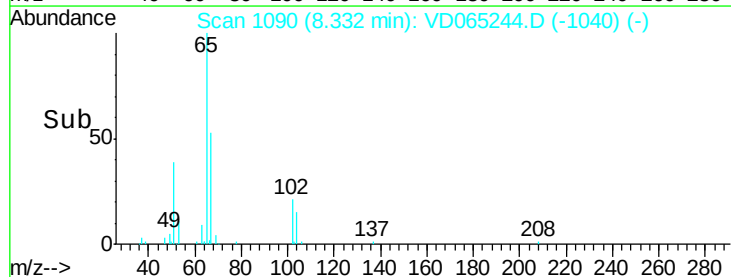
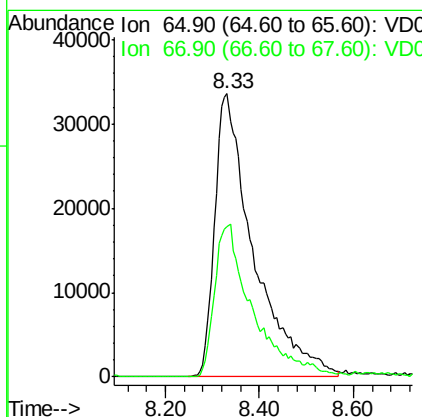
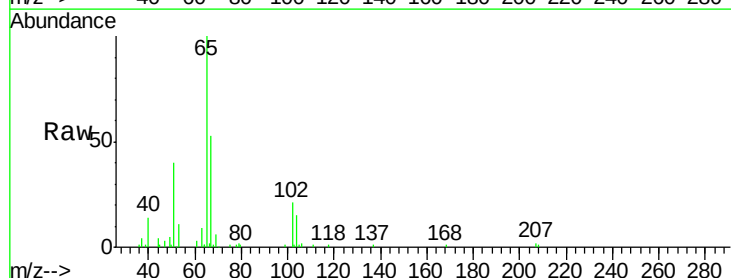
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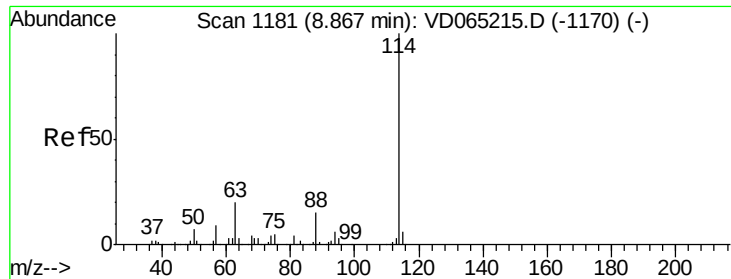
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#33
1,2-Dichloroethane-d4
Concen: 57.625 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD065244.D
Acq: 19 Feb 2020 17:48

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1178

Delta R.T. -0.02 min

Lab File: VD065244.D

Acq: 19 Feb 2020 17:48

Instrument :

MSVOA_D

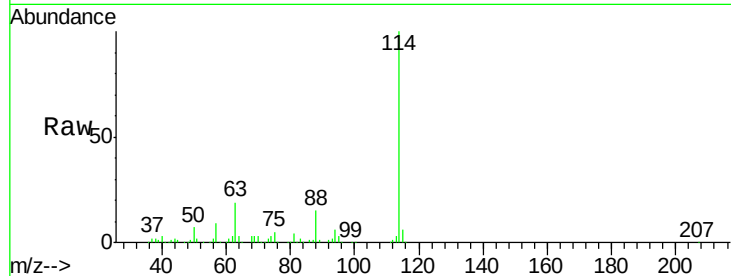
ClientSampleId :

FK-PS-01-064

Tot Ion	Ratio	Resp	Lower	Upper
114	100	693059		
63	19.4		0.0	39.4
88	14.7		0.0	30.4

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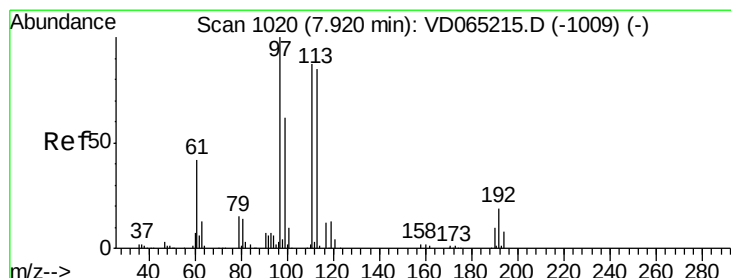
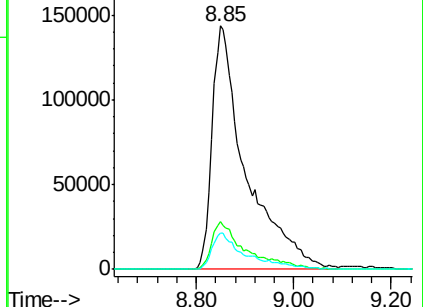
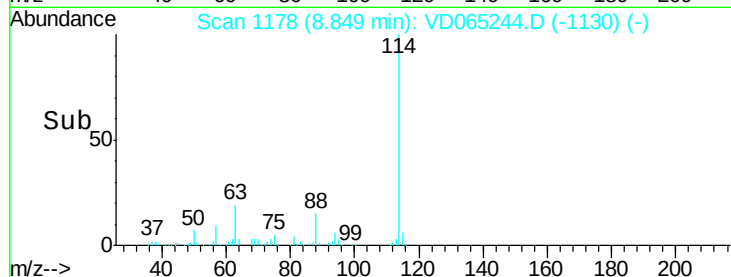
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 45.959 ug/l

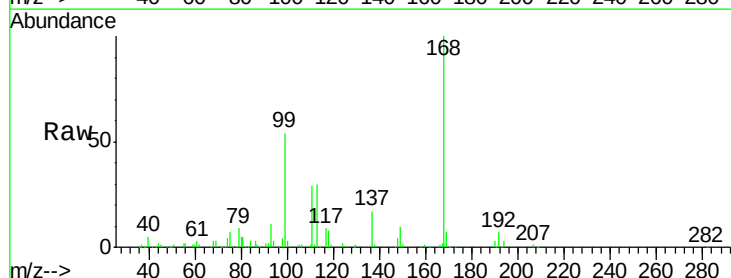
RT: 7.94 min Scan# 1023

Delta R.T. 0.02 min

Lab File: VD065244.D

Acq: 19 Feb 2020 17:48

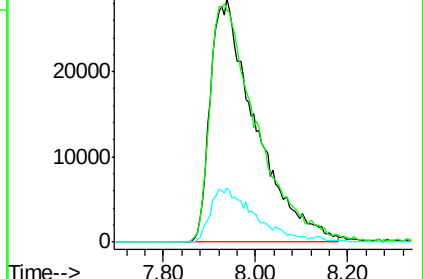
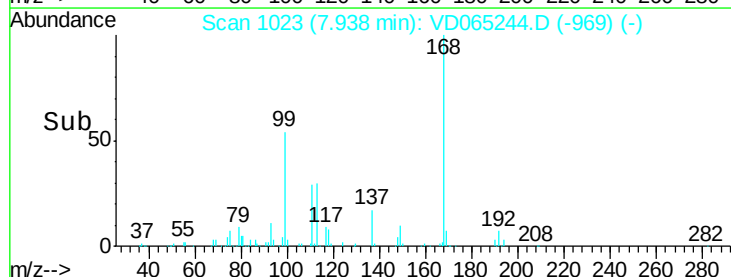
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	194217		
111	98.1		82.9	124.3
192	7.0		17.3	25.9#

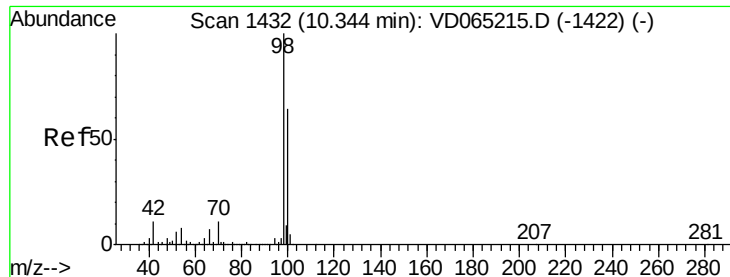


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





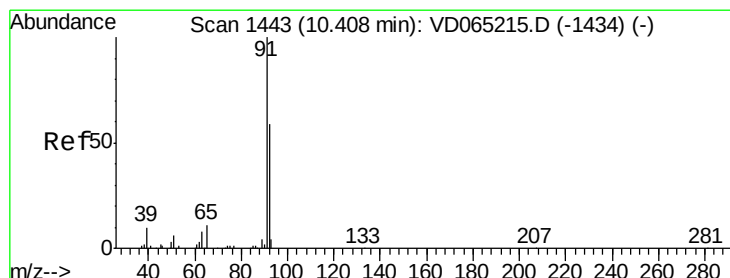
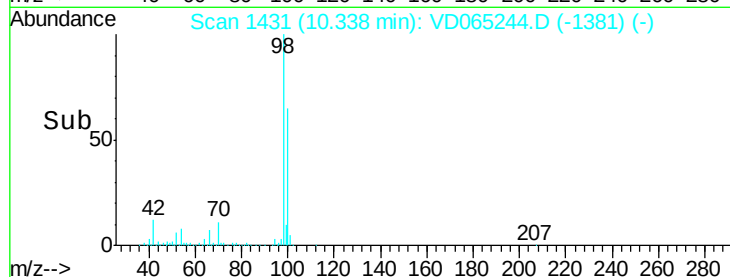
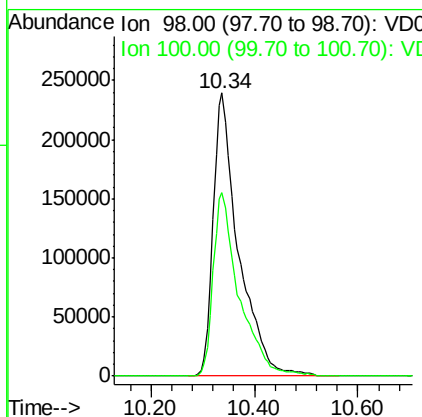
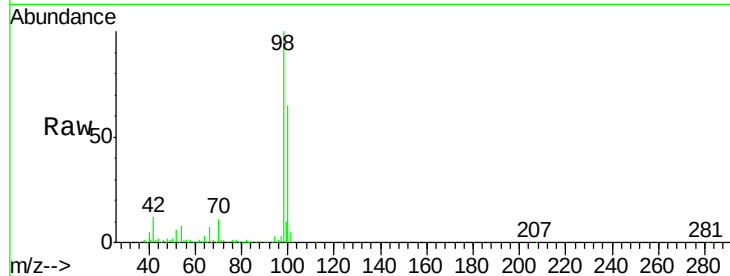
#50
Toluene-d8
Concen: 50.366 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD065244.D
Acq: 19 Feb 2020 17:48

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-064

Tot Ion: 98 Resp: 813662
Ion Ratio Lower Upper
98 100
100 66.6 52.0 78.0

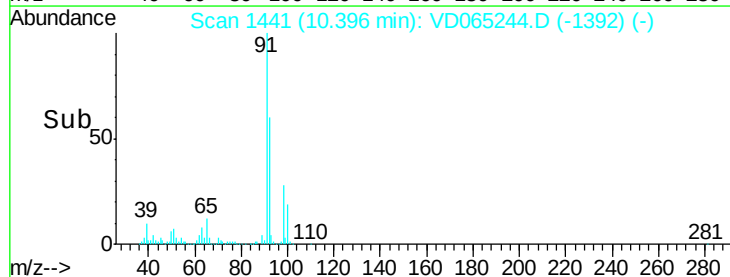
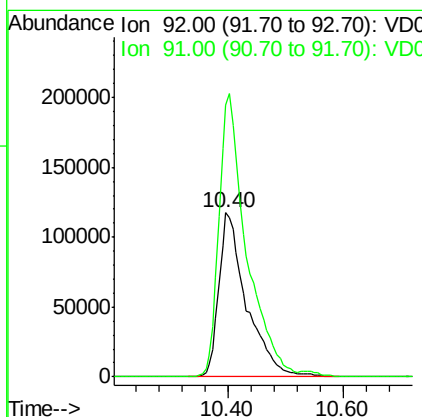
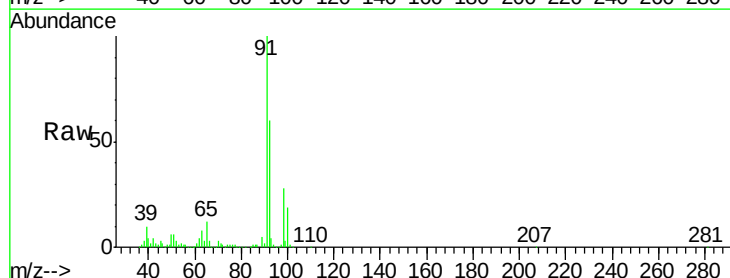
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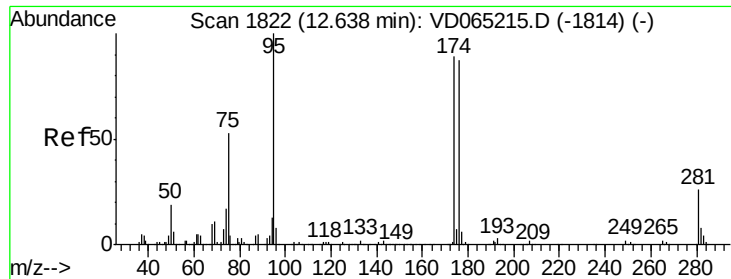
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#52
Toluene
Concen: 33.200 ug/l
RT: 10.40 min Scan# 1441
Delta R.T. -0.01 min
Lab File: VD065244.D
Acq: 19 Feb 2020 17:48

Tgt Ion: 92 Resp: 391152
Ion Ratio Lower Upper
92 100
91 170.2 136.3 204.5





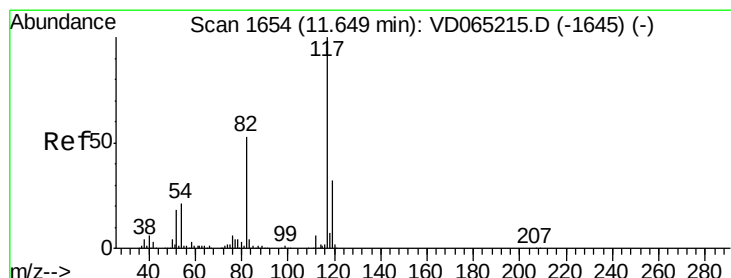
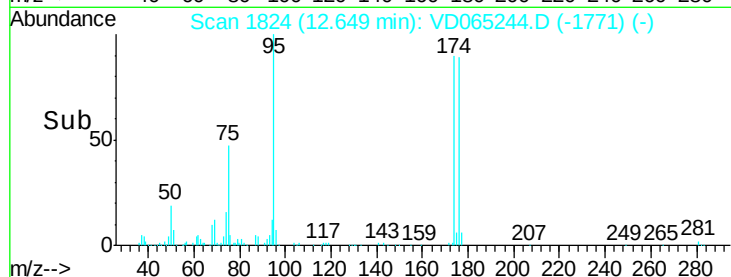
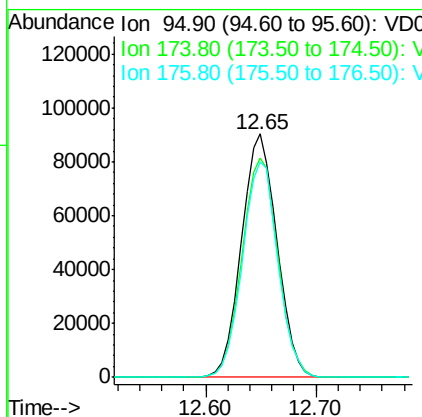
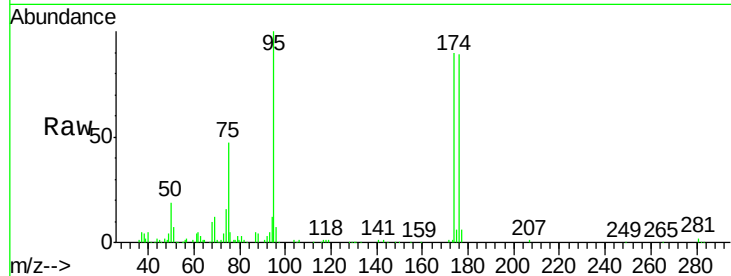
#62
4-Bromofluorobenzene
Concen: 39.911 ug/l
RT: 12.65 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VD065244.D
Acq: 19 Feb 2020 17:48

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-064

Tot Ion	Ratio	Resp	Lower	Upper
95	100	204254		
174	90.9	0.0	178.0	
176	88.3	0.0	174.4	

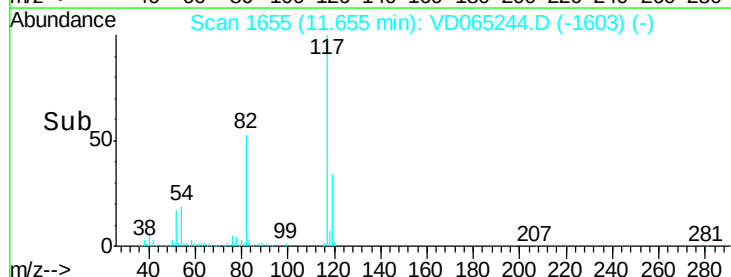
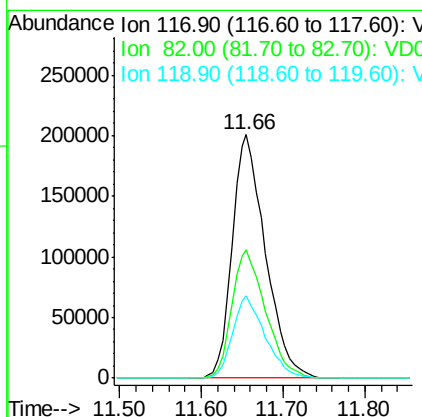
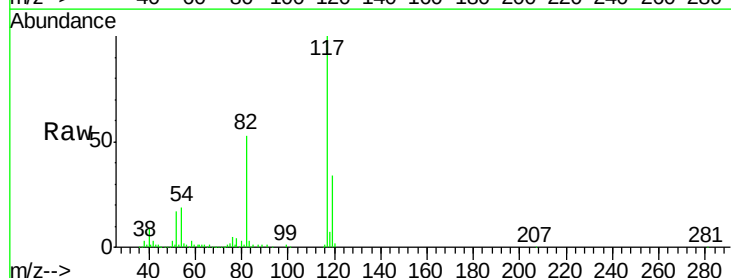
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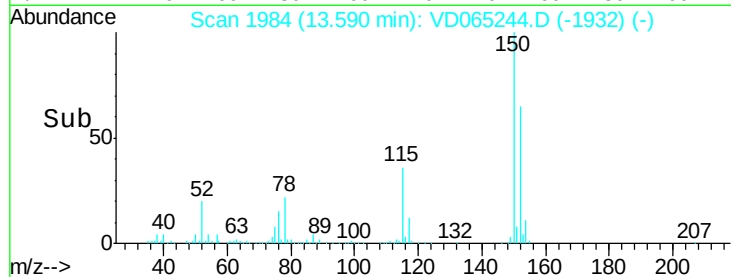
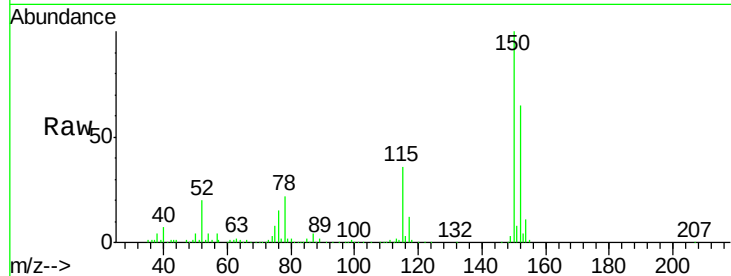
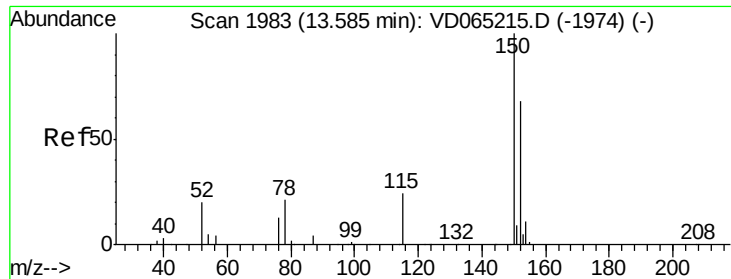
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.66 min Scan# 1655
Delta R.T. 0.01 min
Lab File: VD065244.D
Acq: 19 Feb 2020 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	564200		
82	52.9	42.7	64.1	
119	33.6	25.5	38.3	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.59 min Scan# 1984

Delta R.T. 0.01 min

Lab File: VD065244.D

Acq: 19 Feb 2020 17:48

Tot Ion	Ratio	Resp	Lower	Upper
152	100	219009		
115	54.1	27.6	82.8	
150	154.5	0.0	347.4	

Instrument :

MSVOA_D

ClientSampleId :

FK-PS-01-064

Manual Integrations
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