

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082819\
 Data File : VW012281.D
 Acq On : 29 Aug 2019 04:37
 Operator : SY/VA
 Sample : K4498-04
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BOTTOM-3

Manual Integrations
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 8/29/2019 9:41:24 AM

8/29/2019 9:41:24 AM

Quant Time: Aug 29 07:51:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	260489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	437173	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	378840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	153882	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	159327	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
35) Dibromofluoromethane	7.88	113	129251	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
50) Toluene-d8	10.32	98	551467	52.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.24%	
62) 4-Bromofluorobenzene	12.62	95	221223	59.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.62%	
Target Compounds						
16) Acetone	4.13	43	24446	30.884	ug/l	Qvalue 100
39) Methylcyclohexane	9.33	83	7308	1.440	ug/l	90
78) n-propylbenzene	12.80	91	26248m	1.865	ug/l	
84) 1,2,4-Trimethylbenzene	13.25	105	10770	1.113	ug/l	98
85) sec-Butylbenzene	13.38	105	17442m	1.492	ug/l	
89) n-Butylbenzene	13.82	91	18430	1.775	ug/l #	85

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

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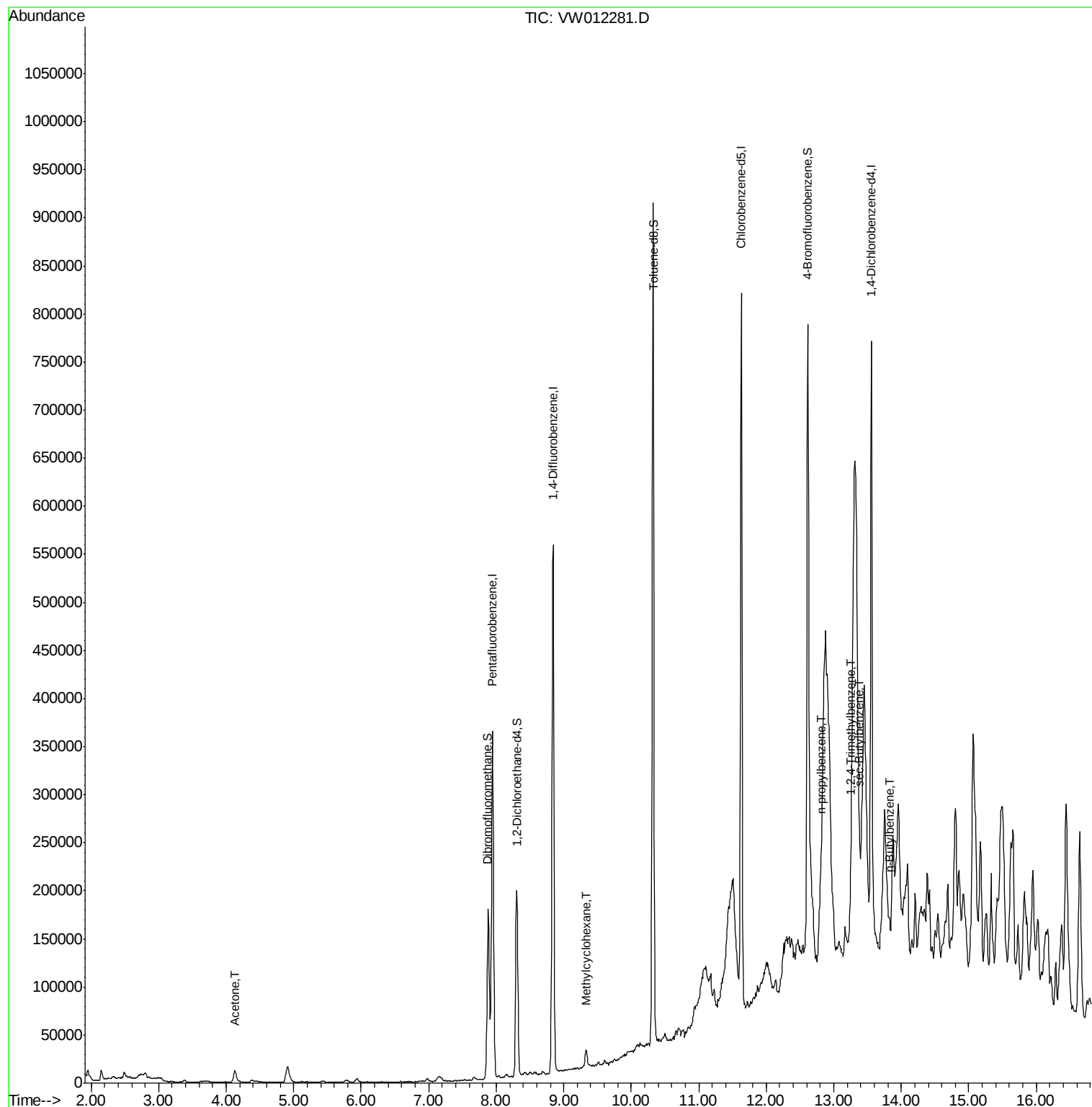
Instrument :
MSVOA_W
ClientSampleId :
BOTTOM-3

Quant Time: Aug 29 07:51:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012281.D

Acq: 29 Aug 2019 04:37

Instrument :

MSVOA_W

ClientSampleId :

BOTTOM-3

Tot Ion:168 Resp: 260489

Ion Ratio Lower Upper

168 100

99 60.1 49.2 73.8

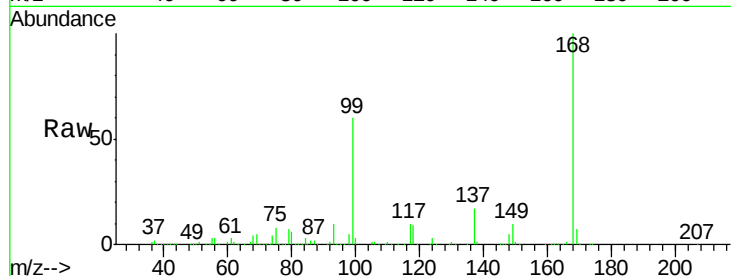
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

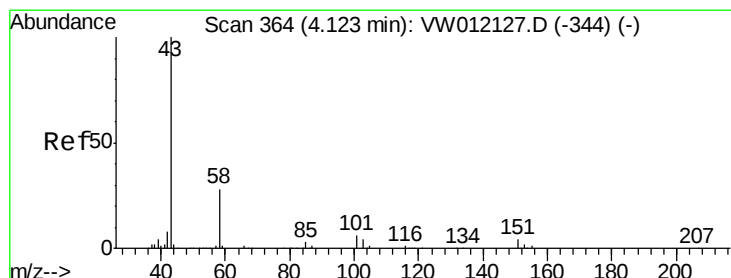
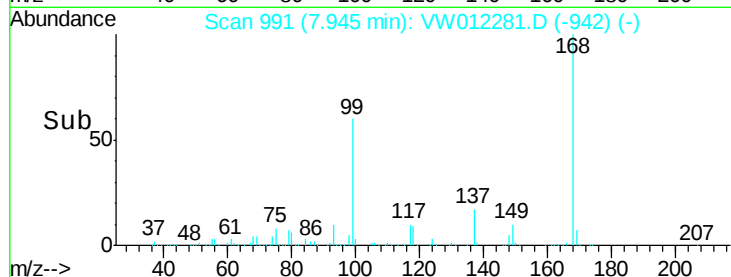
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 30.884 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012281.D

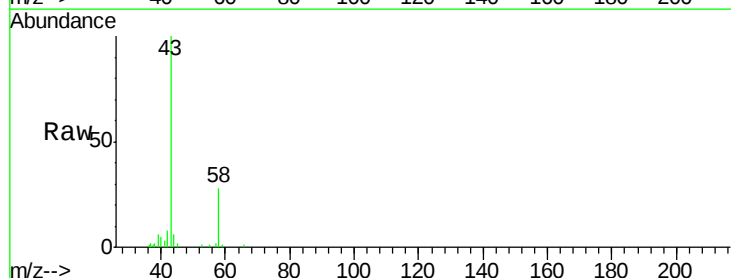
Acq: 29 Aug 2019 04:37

Tgt Ion: 43 Resp: 24446

Ion Ratio Lower Upper

43 100

58 28.2 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

8000

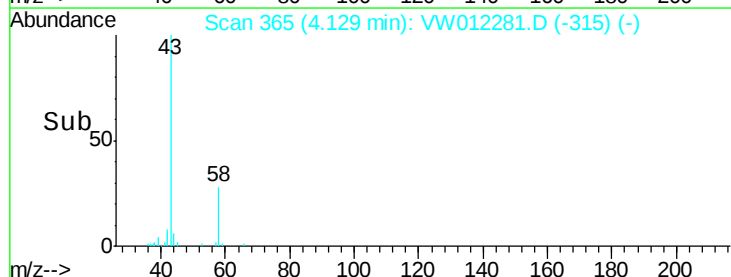
6000

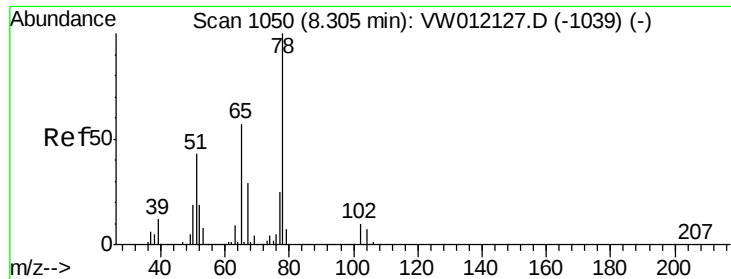
4000

2000

0

Time--> 4.00 4.10 4.20





#33
 1,2-Dichloroethane-d4
 Concen: 51.453 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012281.D
 Acq: 29 Aug 2019 04:37

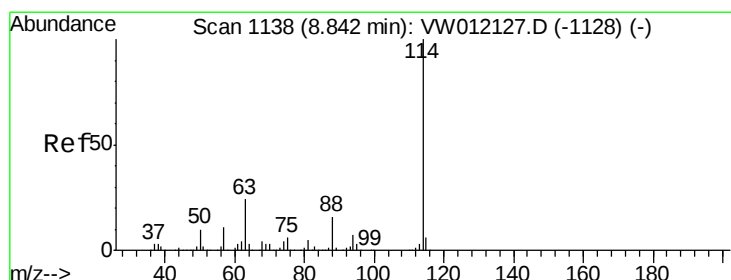
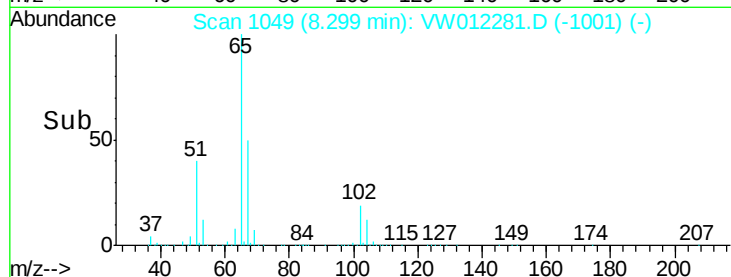
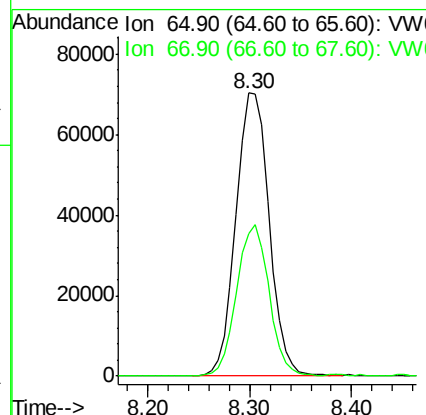
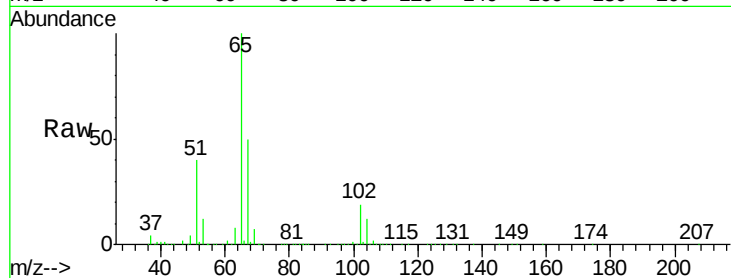
Instrument :
 MSVOA_W
 ClientSampleId :
 BOTTOM-3

Tot Ion	Ratio	Resp	Lower	Upper
65	100	159327		
67	51.9	0.0	102.6	

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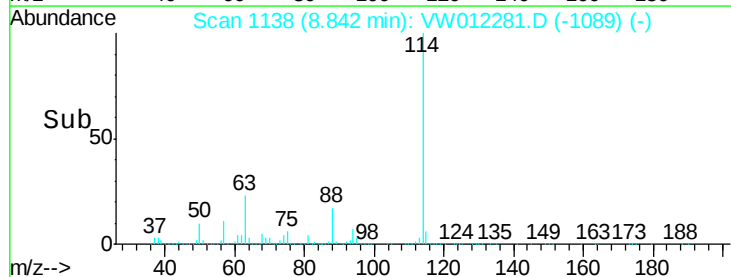
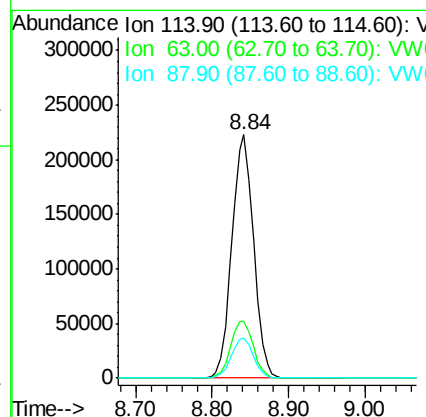
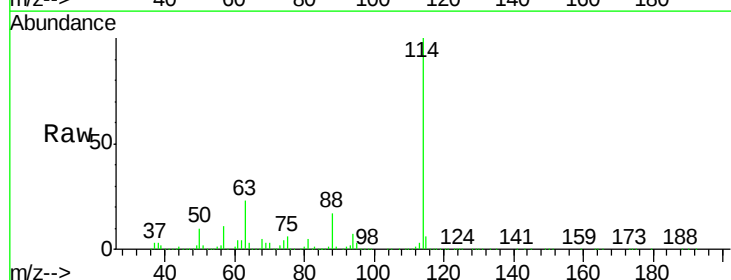
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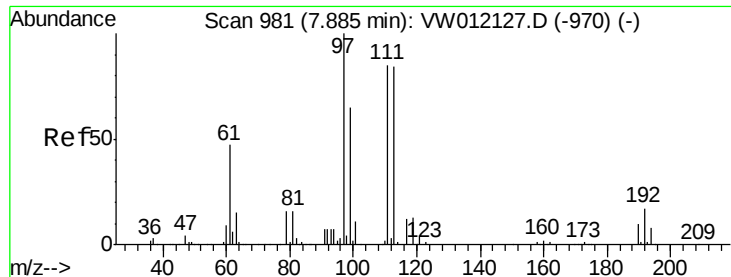
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012281.D
 Acq: 29 Aug 2019 04:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	437173		
63	23.1	0.0	48.6	
88	16.7	0.0	32.2	





#35

Dibromofluoromethane

Concen: 49.531 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012281.D

Acq: 29 Aug 2019 04:37

Instrument :

MSVOA_W

ClientSampleId :

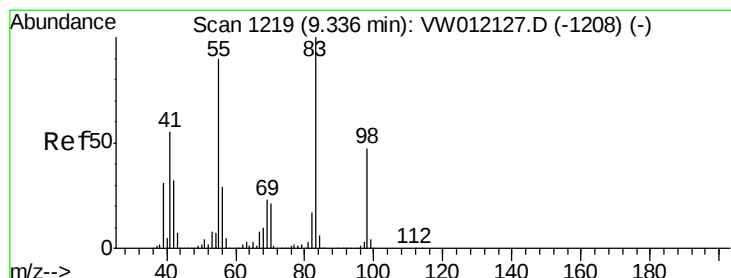
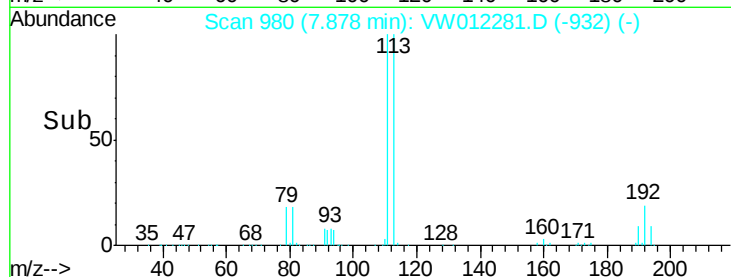
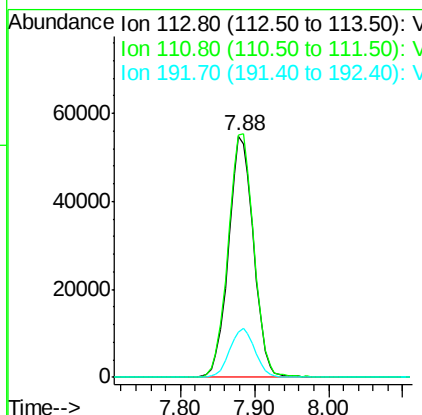
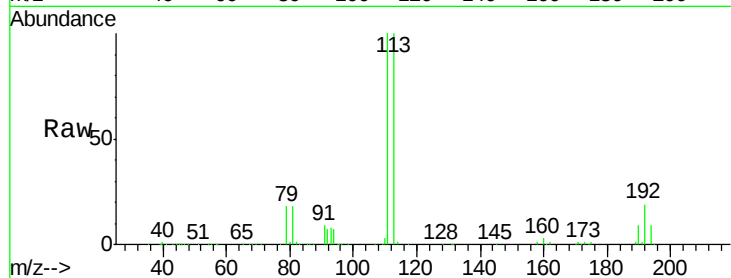
BOTTOM-3

Tot Ion:	113	Resp:	129251
Ion Ratio	Lower	Upper	
113	100		
111	103.7	82.7	124.1
192	20.6	16.2	24.2

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#39

Methylcyclohexane

Concen: 1.440 ug/l

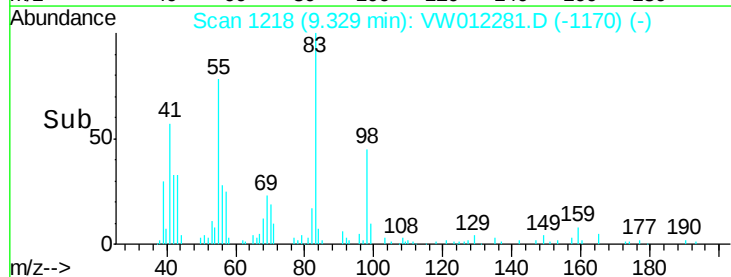
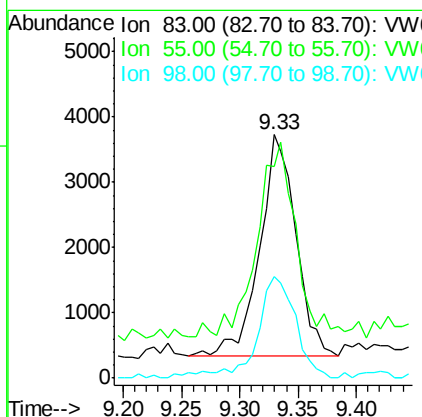
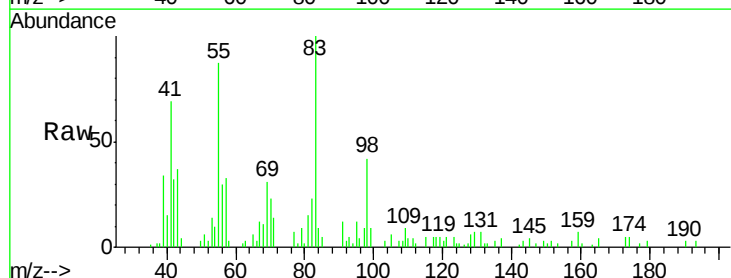
RT: 9.33 min Scan# 1218

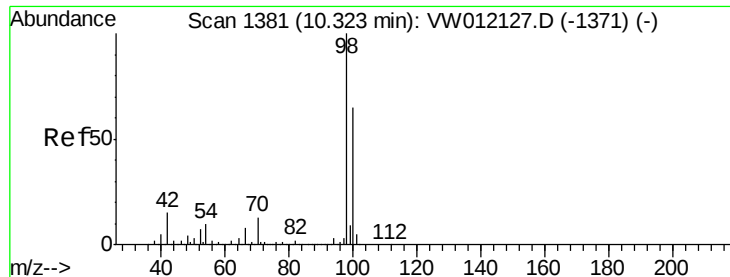
Delta R.T. -0.01 min

Lab File: VW012281.D

Acq: 29 Aug 2019 04:37

Tgt Ion:	83	Resp:	7308
Ion Ratio	Lower	Upper	
83	100		
55	76.7	71.8	107.8
98	45.8	37.8	56.8





#50
Toluene-d8
Concen: 52.120 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012281.D
Acq: 29 Aug 2019 04:37

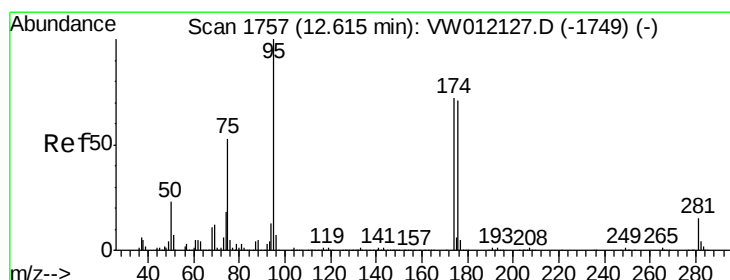
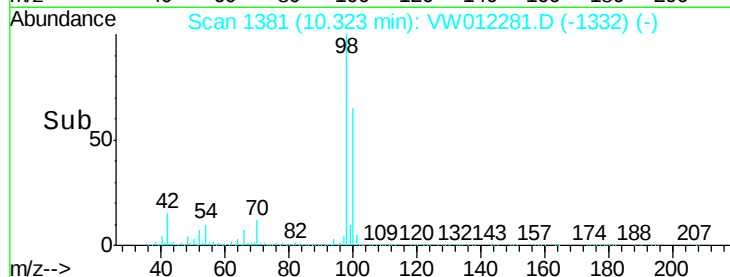
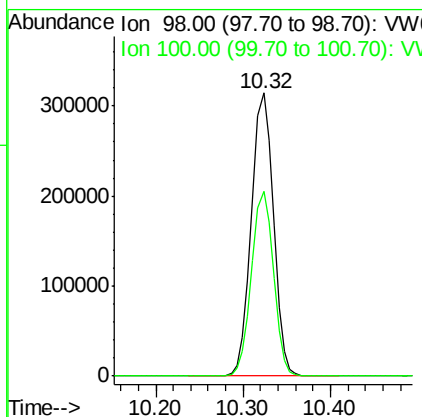
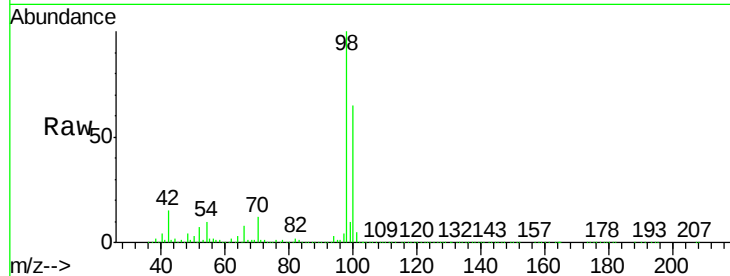
Instrument :
MSVOA_W
ClientSampleId :
BOTTOM-3

Tot Ion: 98 Resp: 551467
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6

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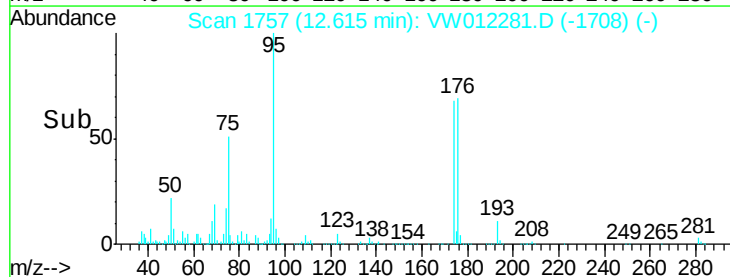
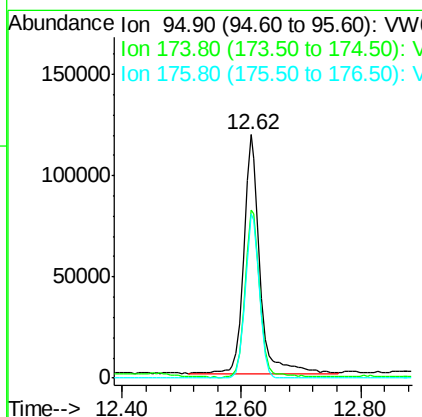
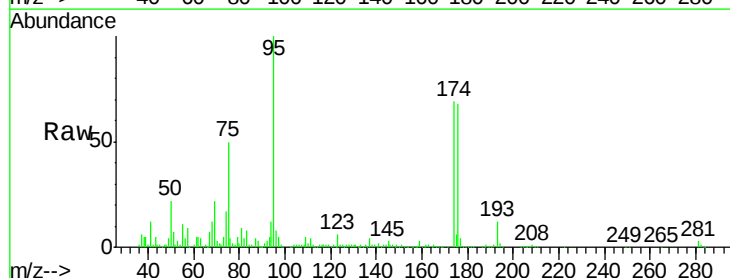
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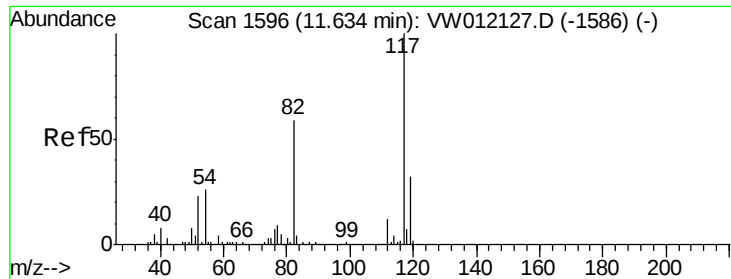
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#62
4-Bromofluorobenzene
Concen: 59.314 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012281.D
Acq: 29 Aug 2019 04:37

Tgt Ion: 95 Resp: 221223
Ion Ratio Lower Upper
95 100
174 65.6 0.0 150.8
176 61.0 0.0 148.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012281.D
Acq: 29 Aug 2019 04:37

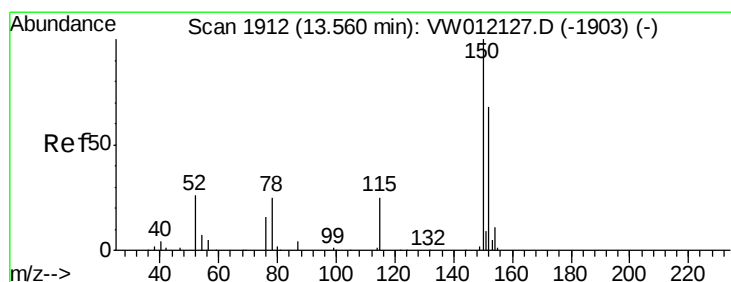
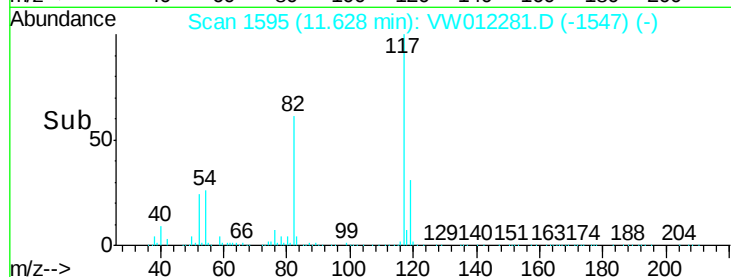
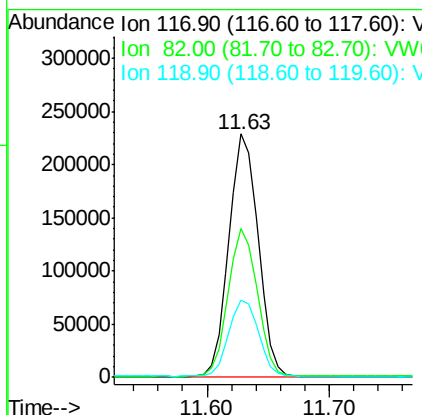
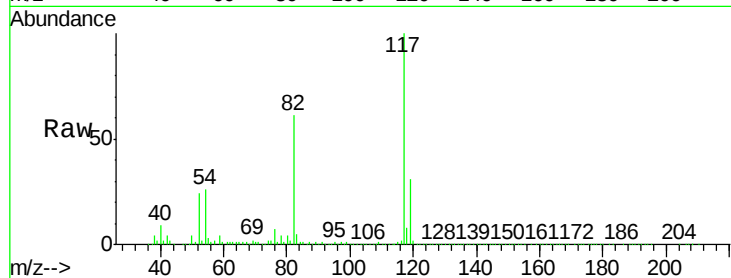
Instrument :
MSVOA_W
ClientSampleId :
BOTTOM-3

Tot Ion	Ratio	Resp	Lower	Upper
117	100	378840		
82	60.5	47.4	71.2	
119	31.3	25.4	38.2	

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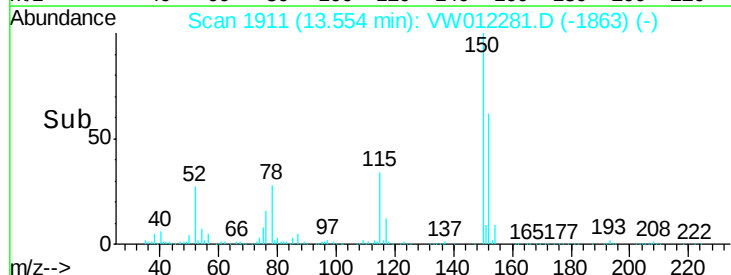
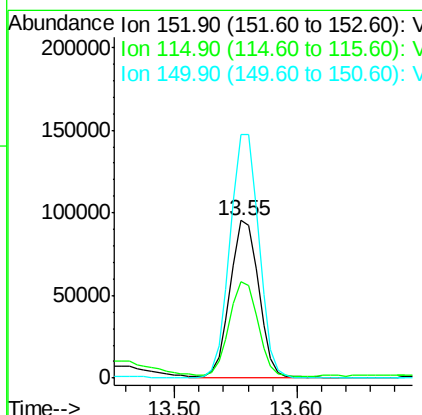
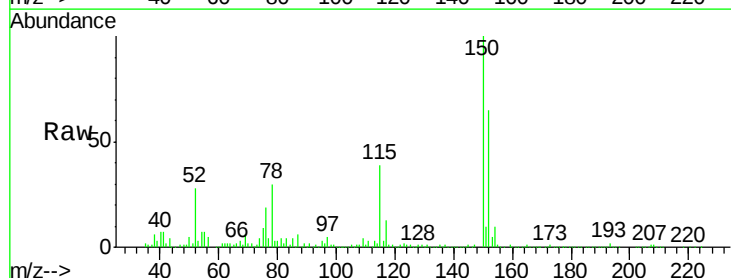
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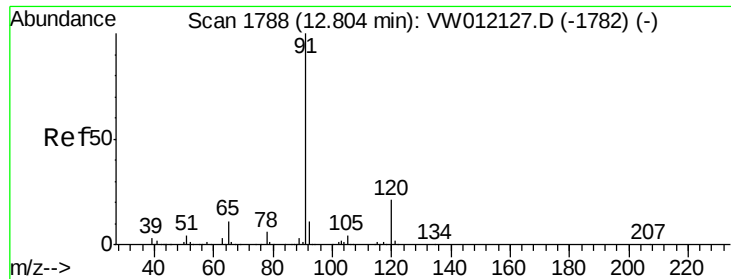
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012281.D
Acq: 29 Aug 2019 04:37

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	153882		
115	59.5	30.1	90.3	
150	155.9	0.0	345.8	





#78

n-propylbenzene

Concen: 1.865 ug/l m

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012281.D

Acq: 29 Aug 2019 04:37

Instrument :

MSVOA_W

ClientSampleId :

BOTTOM-3

Tot Ion: 91 Resp: 26248

Ion Ratio Lower Upper

91 100

120 3.3 10.5 31.6#

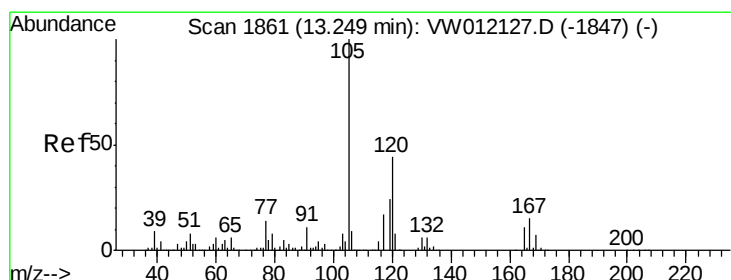
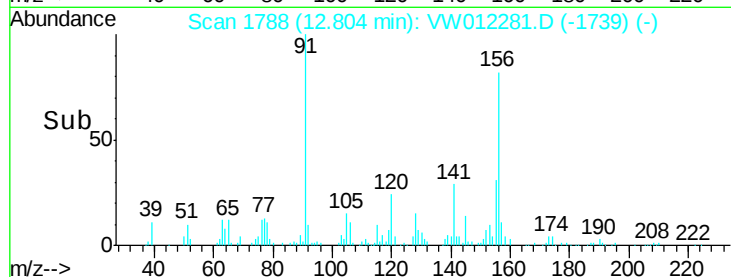
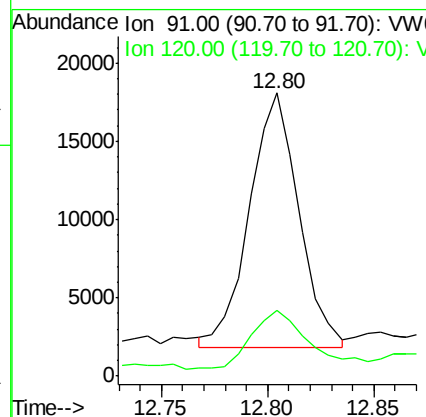
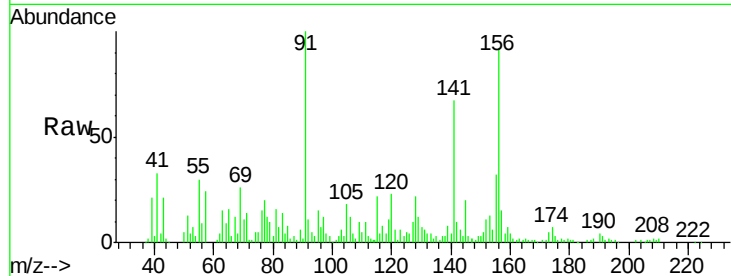
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#84

1,2,4-Trimethylbenzene

Concen: 1.113 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW012281.D

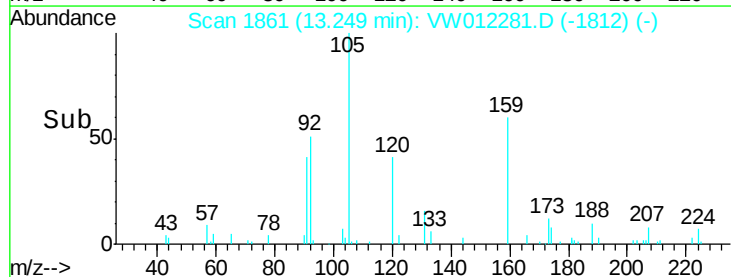
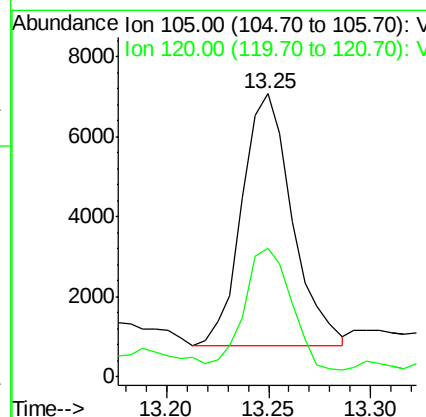
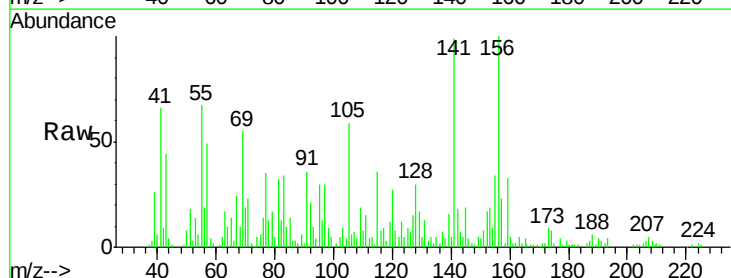
Acq: 29 Aug 2019 04:37

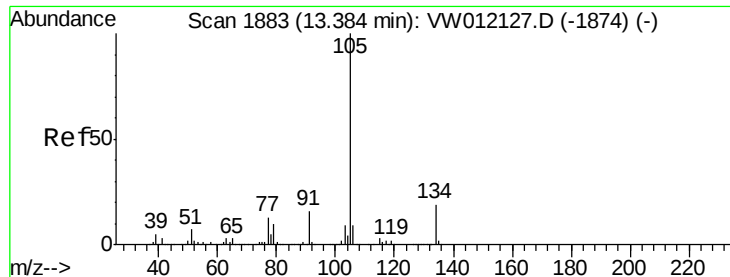
Tgt Ion: 105 Resp: 10770

Ion Ratio Lower Upper

105 100

120 45.2 21.9 65.7





#85
 sec-Butylbenzene
 Concen: 1.492 ug/l m
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012281.D
 Acq: 29 Aug 2019 04:37

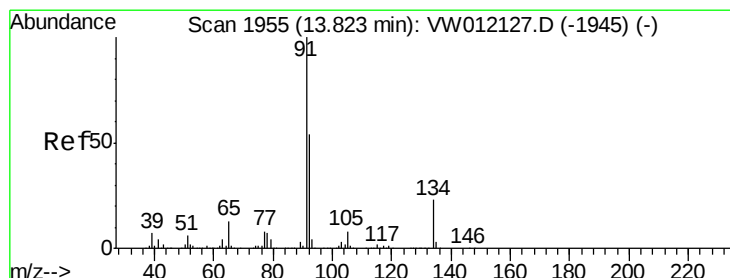
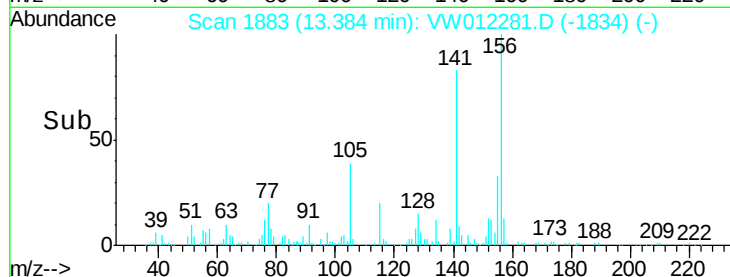
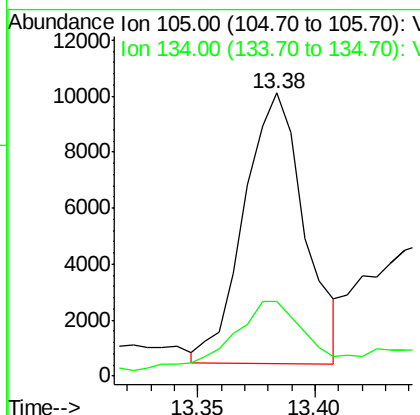
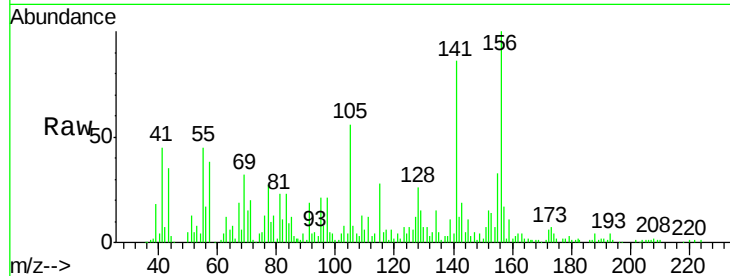
Instrument :
 MSVOA_W
 ClientSampleId :
 BOTTOM-3

Tot Ion	Ratio	Lower	Upper
105	100		
134	9.8	9.8	29.4

Manual Integrations
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#89
 n-Butylbenzene
 Concen: 1.775 ug/l
 RT: 13.82 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW012281.D
 Acq: 29 Aug 2019 04:37

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.5	27.1	81.2
134	46.3	12.2	36.4#

