

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031108.D
 Acq On : 12 Apr 2019 06:43
 Operator : JC/SP
 Sample : K2353-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETJ63

Manual Integrations
 APPROVED

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 4/12/2019 5:47:05 PM

Quant Time: Apr 12 08:45:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 07:24:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	554993	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	535423	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	233236	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	163386	32.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.96%
7) Chloroethane-d5	1.68	69	140630	37.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.80%
11) 1,1-Dichloroethene-d2	2.27	63	271205	30.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.54%
21) 2-Butanone-d5	4.19	46	366946	93.45	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.45%
24) Chloroform-d	4.64	84	305040	40.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.62%
26) 1,2-Dichloroethane-d4	5.30	65	225794	43.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.44%
32) Benzene-d6	5.33	84	646639	41.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.74%
36) 1,2-Dichloropropane-d6	6.32	67	229965	42.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.86%
41) Toluene-d8	7.56	98	546152	39.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.84%#
43) trans-1,3-Dichloropropene-	7.85	79	93613	38.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.66%
47) 2-Hexanone-d5	8.31	63	205751	84.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	323954	44.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	212878	46.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.82%

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	66604	10.911 ug/L	84
12) 1,1-Dichloroethene	2.28	96	73439	19.143 ug/L #	54
17) trans-1,2-Dichloroethene	2.98	96	210106	51.580 ug/L	99
20) cis-1,2-Dichloroethene	4.21	96	26794075m	5957.245 ug/L	
34) Trichloroethene	6.18	95	130223	30.303 ug/L	93

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

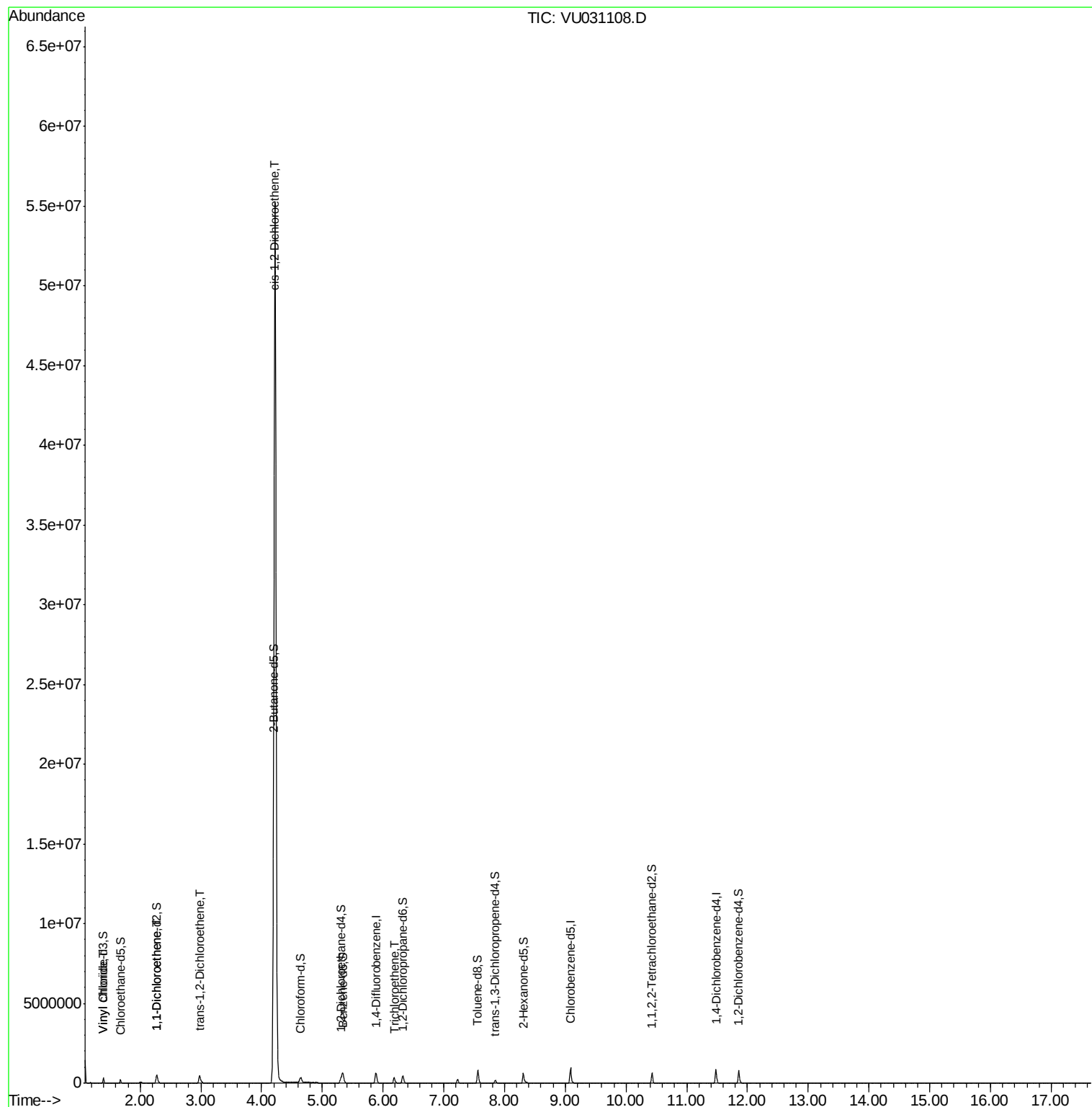
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031108.D
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ALS Vial : 100 Sample Multiplier: 1

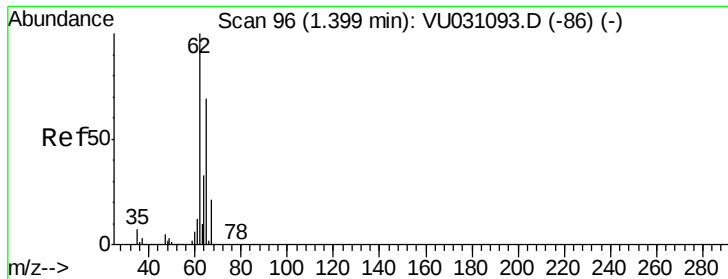
Instrument :
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Quant Time: Apr 12 08:45:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 07:24:02 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 10.911 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU031108.D

Acq: 12 Apr 2019 06:43

Instrument :

MSVOA_U

ClientSampleId :

ETJ63

Tot Ion: 62 Resp: 66604

Ion Ratio Lower Upper

62 100

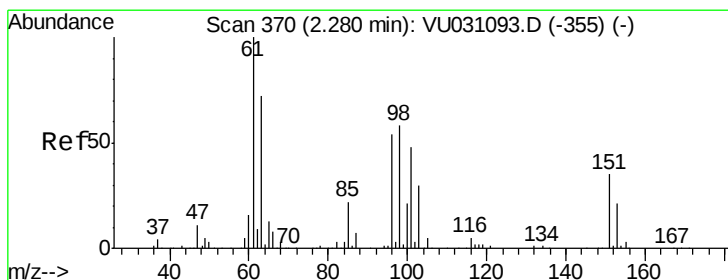
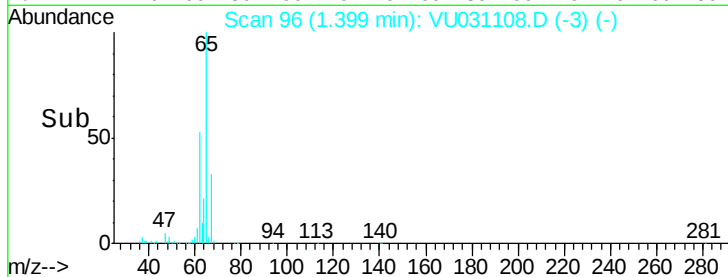
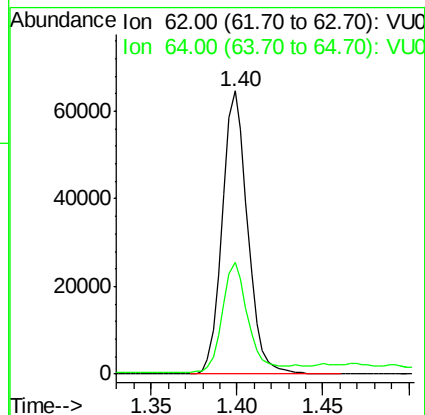
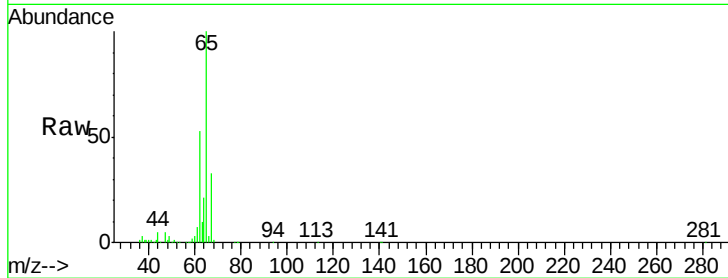
64 39.4 21.5 39.9

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 19.143 ug/L

RT: 2.28 min Scan# 370

Delta R.T. 0.00 min

Lab File: VU031108.D

Acq: 12 Apr 2019 06:43

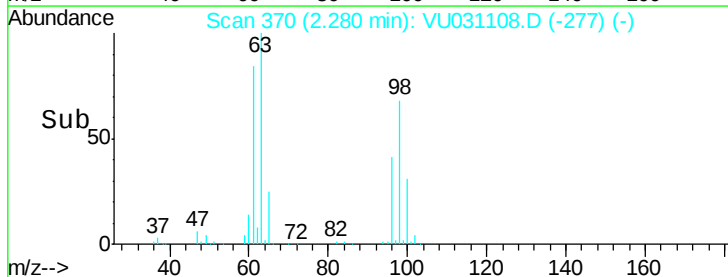
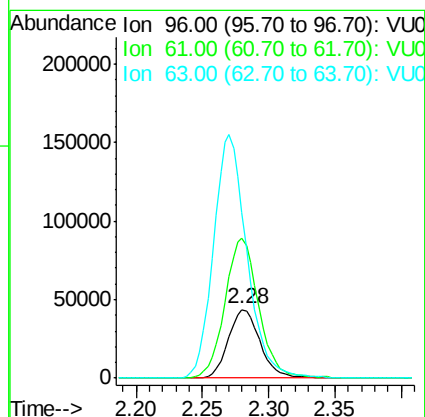
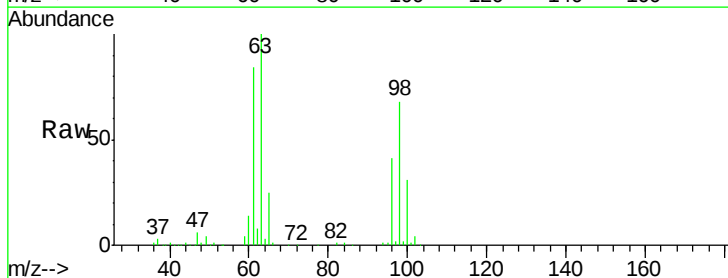
Tgt Ion: 96 Resp: 73439

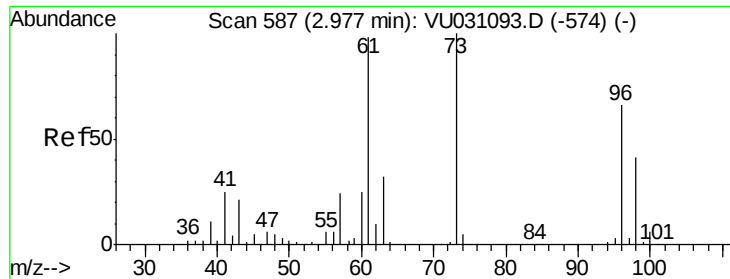
Ion Ratio Lower Upper

96 100

61 203.9 132.0 245.2

63 242.3 90.9 168.9#





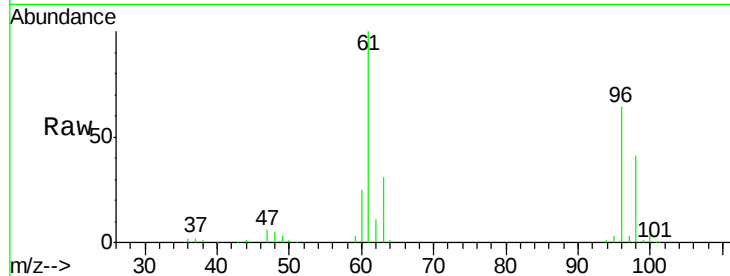
#17
trans-1,2-Dichloroethene
Concen: 51.580 ug/L
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU031108.D
Acq: 12 Apr 2019 06:43

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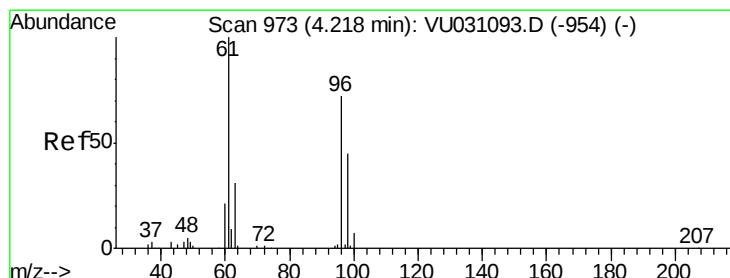
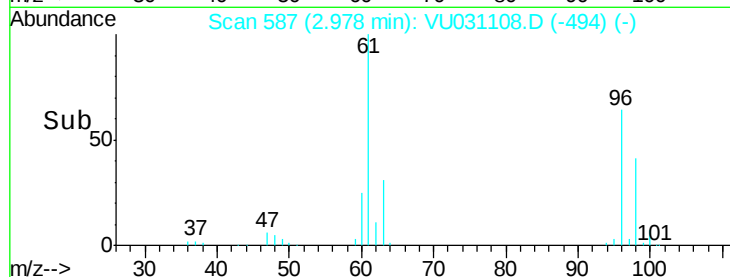
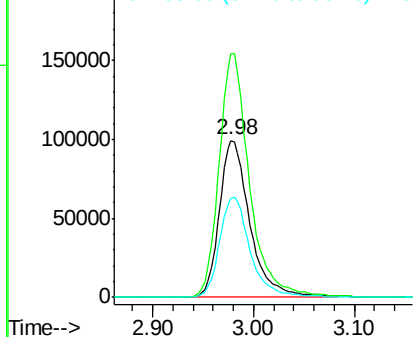
Tot Ion	Ratio	Lower	Upper
96	100		
61	155.1	109.5	203.3
98	63.2	44.0	81.6

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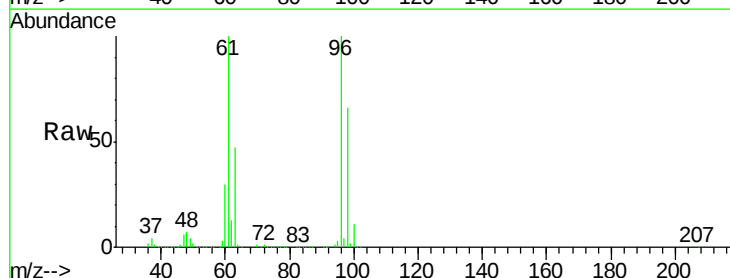


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

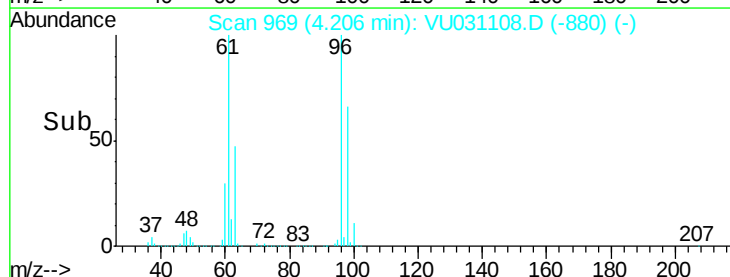
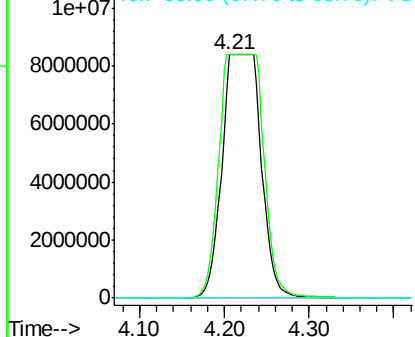


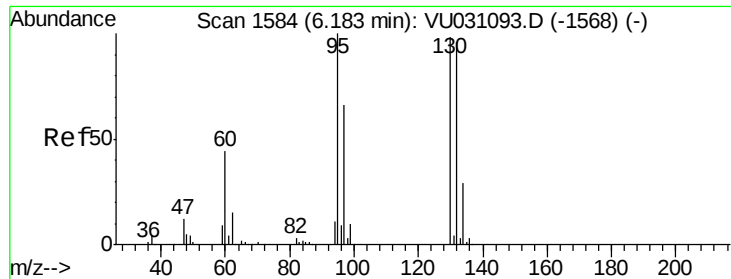
#20
cis-1,2-Dichloroethene
Concen: 5957.245 ug/L m
RT: 4.21 min Scan# 969
Delta R.T. -0.01 min
Lab File: VU031108.D
Acq: 12 Apr 2019 06:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	100.0	102.9	191.1#
68	0.0	0.0	0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0





#34
 Trichloroethene
 Concen: 30.303 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU031108.D
 Acq: 12 Apr 2019 06:43

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100				
97	67.8	44.5	82.7		
132	94.3	61.5	114.1		
130	99.6	64.9	120.5		

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