

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010205.D
 Acq On : 09 Apr 2019 05:27
 Operator : SY/MD
 Sample : K2254-09
 Misc : 5.04G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC30

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:28:34 AM

Quant Time: Apr 09 08:55:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 07:35:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	150093	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	111103	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	35094	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	35865	17.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.40%
7) Chloroethane-d5	1.56	69	45059	18.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.20%
10) 1,1-Dichloroethene-d2	2.12	63	78264	15.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.76%
20) 2-Butanone-d5	3.94	46	47954	83.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	167.74%#
24) Chloroform-d	4.40	84	99840	26.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	5.08	65	61738	29.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.72%
29) Benzene-d6	5.09	84	192575	33.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	133.68%
33) 1,2-Dichloropropane-d6	6.12	67	63857	37.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	150.20%#
37) Toluene-d8	7.36	98	150081	27.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.16%
38) trans-1,3-Dichloropropene-	7.66	79	13296	18.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.16%
39) 2-Hexanone-d5	8.13	63	30174	88.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	176.96%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	58715	35.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	140.04%#
61) 1,2-Dichlorobenzene-d4	11.67	152	40472	29.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.44%

Target Compounds

					Ovalue
13) Acetone	2.19	43	22951	40.599 ug/L	92
14) Carbon disulfide	2.31	76	2627	0.617 ug/L #	92
16) Methylene chloride	2.53	84	10184	3.862 ug/L	98
17) Methyl tert-butyl Ether	2.80	73	2362	0.537 ug/L #	75
21) 2-Butanone	4.04	43	7118m	11.497 ug/L	

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

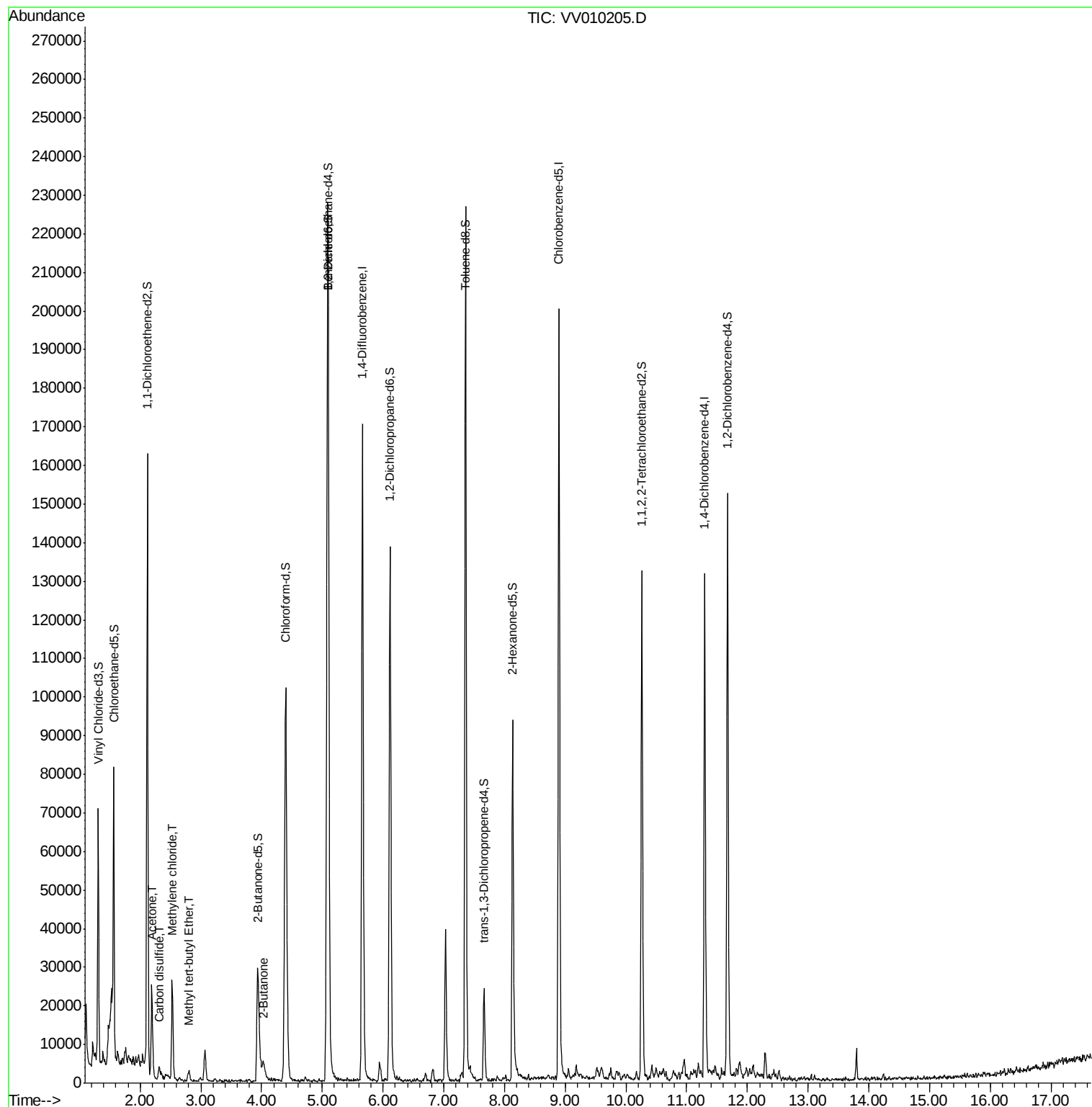
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010205.D
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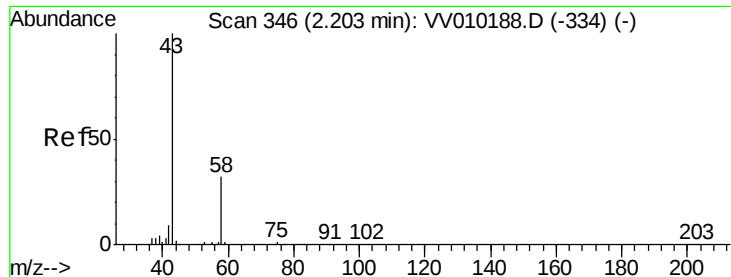
Instrument :
MSVOA_V
ClientSampleId :
BFC30

Manual Integrations
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Quant Time: Apr 09 08:55:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 09 07:35:38 2019
Response via : Initial Calibration





#13

Acetone

Concen: 40.599 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.01 min

Lab File: VV010205.D

Acq: 09 Apr 2019 05:27

Instrument :

MSVOA_V

ClientSampleId :

BFC30

Tot Ion: 43 Resp: 22951

Ion Ratio Lower Upper

43 100

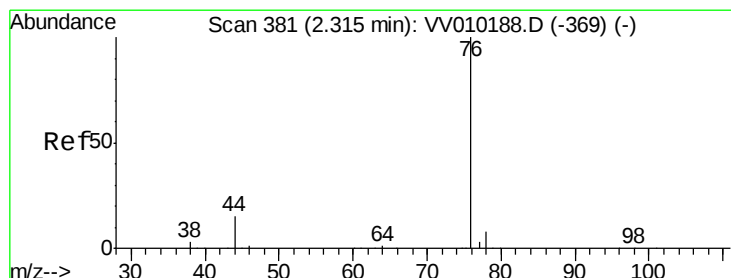
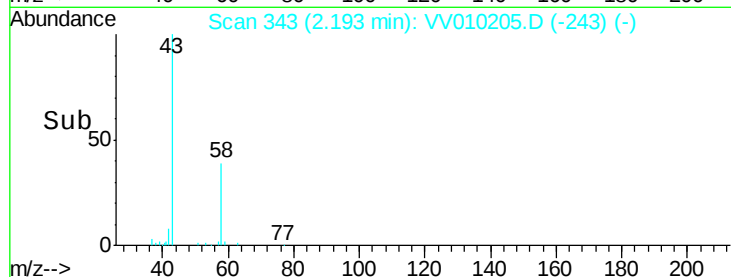
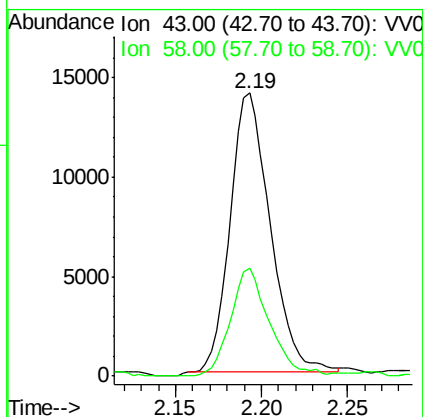
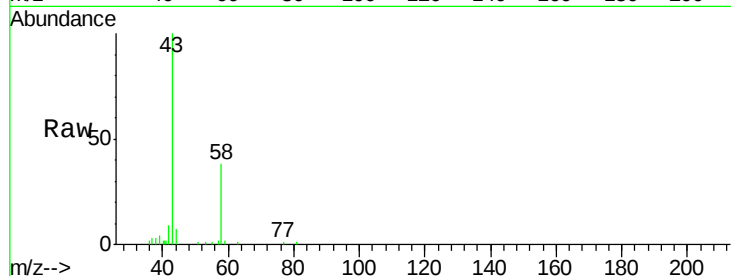
58 36.8 0.0 64.6

Manual Integrations

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#14

Carbon disulfide

Concen: 0.617 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.01 min

Lab File: VV010205.D

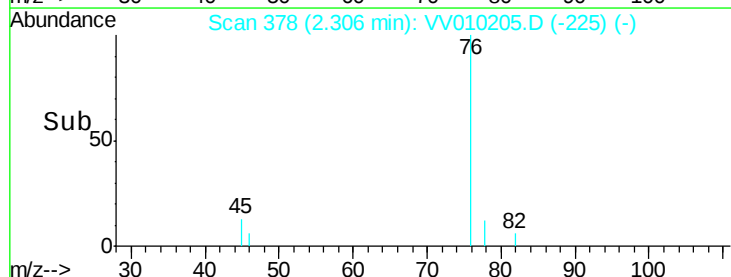
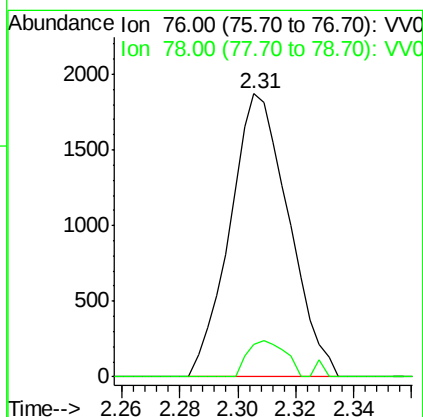
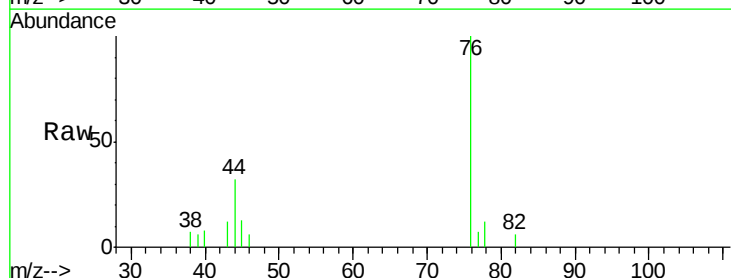
Acq: 09 Apr 2019 05:27

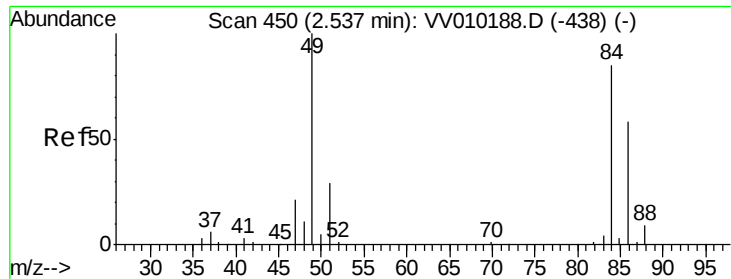
Tgt Ion: 76 Resp: 2627

Ion Ratio Lower Upper

76 100

78 11.7 7.1 10.7#





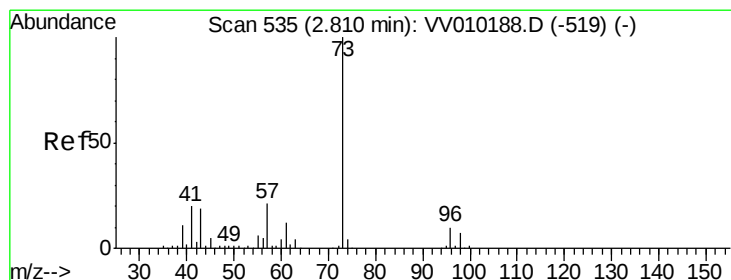
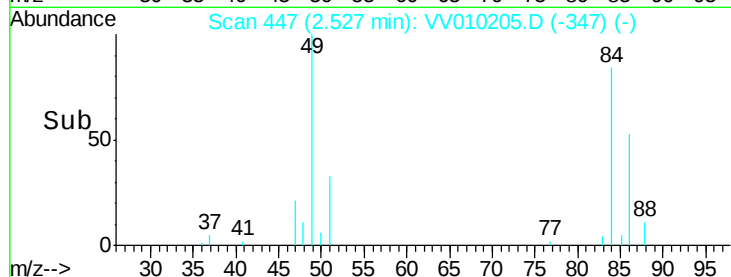
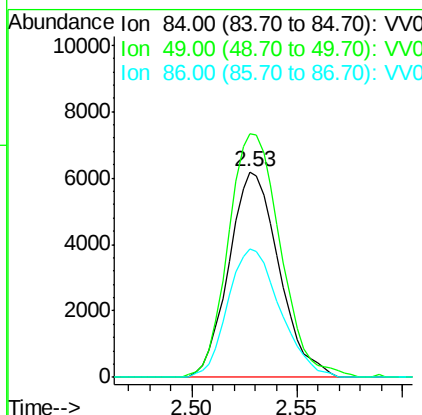
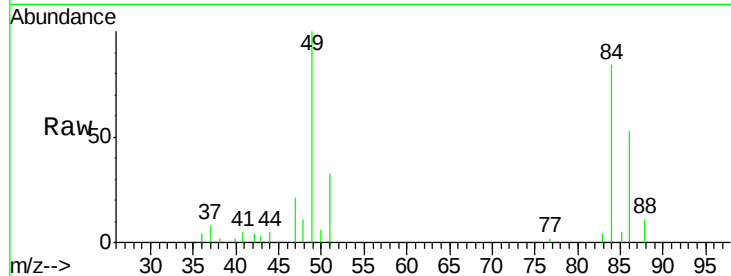
#16
Methylene chloride
Concen: 3.862 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.01 min
Lab File: VV010205.D
Acq: 09 Apr 2019 05:27

Instrument :
MSVOA_V
ClientSampled :
BFC30

Tot Ion	Ratio	Lower	Upper
84	100		
49	118.4	84.3	156.5
86	62.5	45.4	84.2

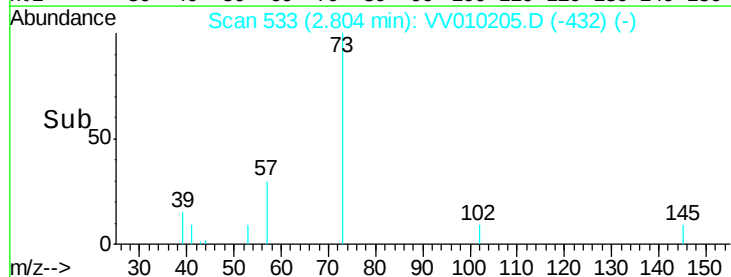
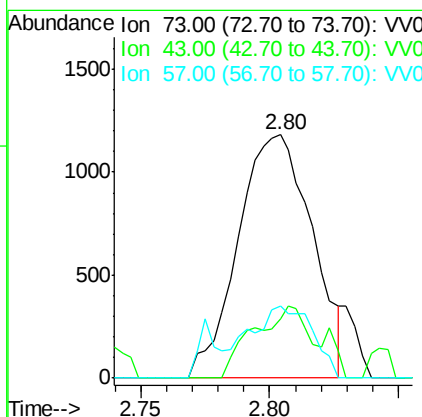
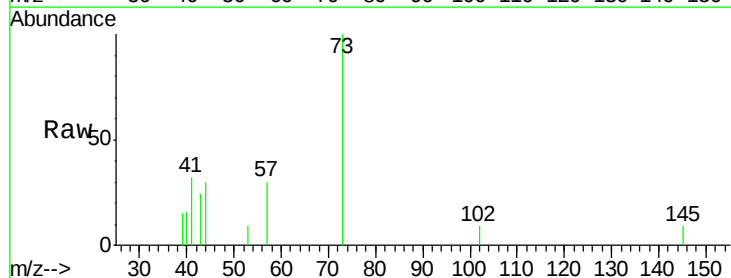
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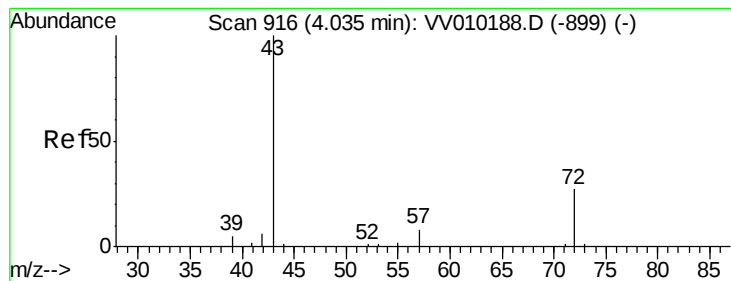
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#17
Methyl tert-butyl Ether
Concen: 0.537 ug/L
RT: 2.80 min Scan# 533
Delta R.T. -0.01 min
Lab File: VV010205.D
Acq: 09 Apr 2019 05:27

Tgt Ion	Ratio	Lower	Upper
73	100		
43	14.5	15.5	23.3#
57	3.0	16.8	25.2#





#21
 2-Butanone
 Concen: 11.497 ug/L m
 RT: 4.04 min Scan# 917
 Delta R.T. 0.00 min
 Lab File: VV010205.D
 Acq: 09 Apr 2019 05:27

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC30

Tot Ion: 43 Resp: 7118
 Ion Ratio Lower Upper
 43 100
 72 9.3 12.8 38.4#

Manual Integrations
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