

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV040519\
 Data File : VV010130.D
 Acq On : 05 Apr 2019 14:28
 Operator : SY/MD
 Sample : K2148-11
 Misc : 5.31G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5F8

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:29:38 AM

Quant Time: Apr 14 01:20:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 23:46:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	273669	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	263306	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.31	152	261794	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55933	15.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.08%
7) Chloroethane-d5	1.56	69	60639	13.33	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.32%
10) 1,1-Dichloroethene-d2	2.12	63	117705	12.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.96%
20) 2-Butanone-d5	3.93	46	41238	39.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.10%
24) Chloroform-d	4.40	84	136658	19.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.28%
26) 1,2-Dichloroethane-d4	5.08	65	82851	21.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.92%
29) Benzene-d6	5.10	84	287620	21.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.24%
33) 1,2-Dichloropropane-d6	6.12	67	87309	21.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.68%
37) Toluene-d8	7.36	98	270947	20.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.36%
38) trans-1,3-Dichloropropene-	7.66	79	36916	21.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.72%
39) 2-Hexanone-d5	8.13	63	38243	47.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.64%
48) 1,1,2,2-Tetrachloroethane-	10.30	84	651526m	163.93	ug/L	0.04
Spiked Amount	25.000	Range	45 - 120	Recovery	=	655.72%#
61) 1,2-Dichlorobenzene-d4	11.68	152	520659	51.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	204.24%#

Target Compounds

					Ovalue
13) Acetone	2.19	43	38751	37.595	ug/L 99
16) Methylene chloride	2.53	84	18594	3.867	ug/L 99
21) 2-Butanone	4.02	43	9767m	8.652	ug/L
36) Methylcyclohexane	6.17	83	34778	6.264	ug/L 89
57) Isopropylbenzene	9.98	105	172945	10.975	ug/L # 85

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

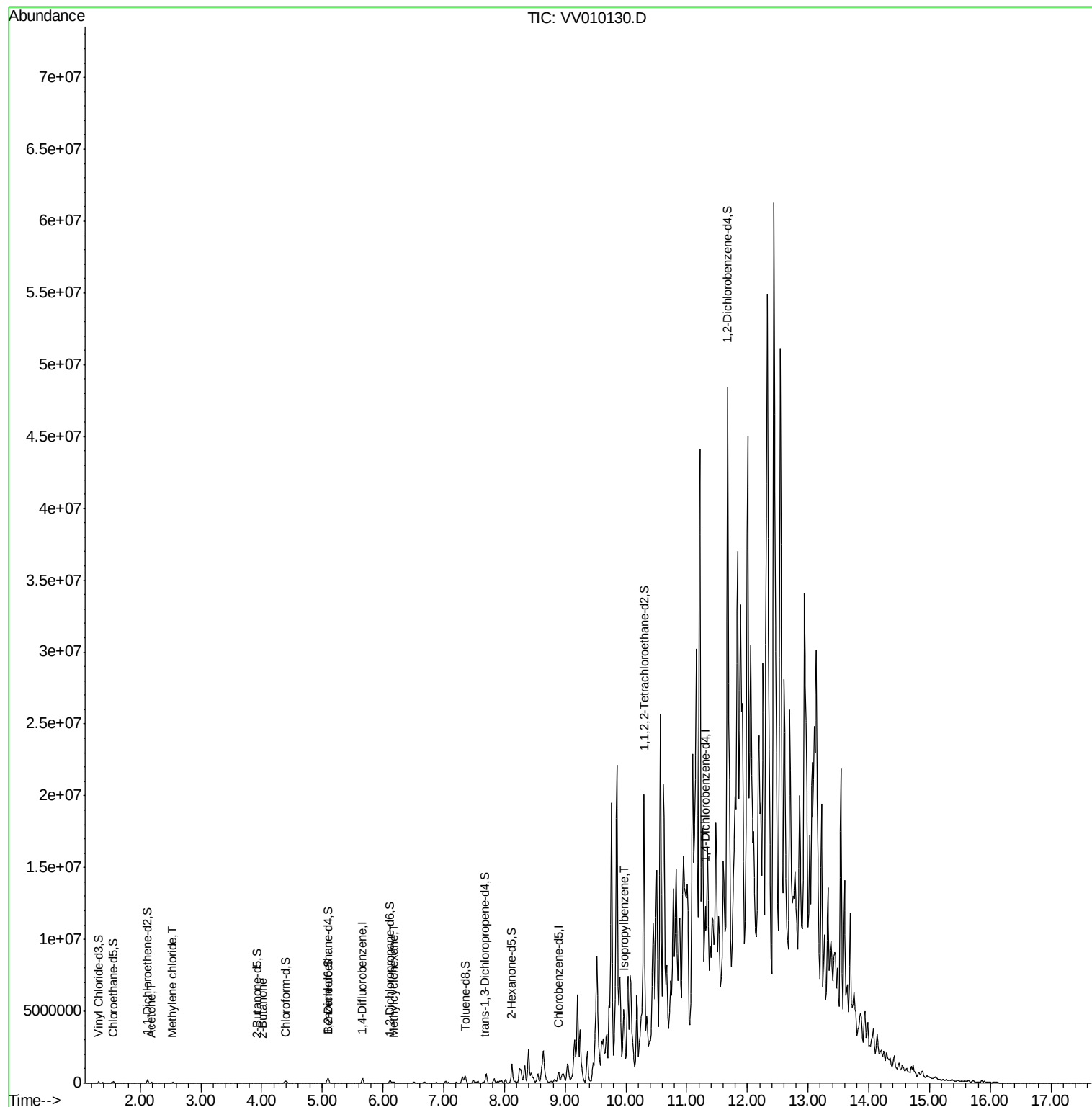
Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV040519\
Data File : VV010130.D
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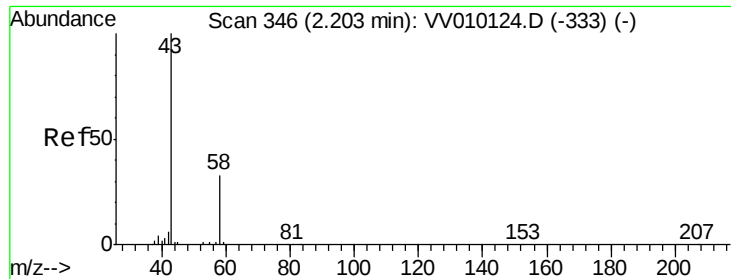
Instrument :
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Quant Time: Apr 14 01:20:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 05 23:46:15 2019
Response via : Initial Calibration





#13

Acetone

Concen: 37.595 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV010130.D

Acq: 05 Apr 2019 14:28

Instrument :

MSVOA_V

ClientSampled :

BF5F8

Tot Ion: 43 Resp: 38751

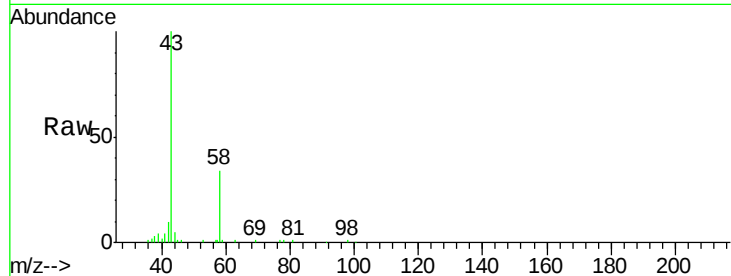
Ion Ratio Lower Upper

43 100

58 31.7 0.0 64.6

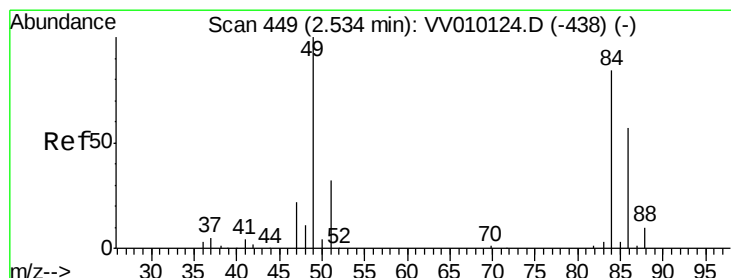
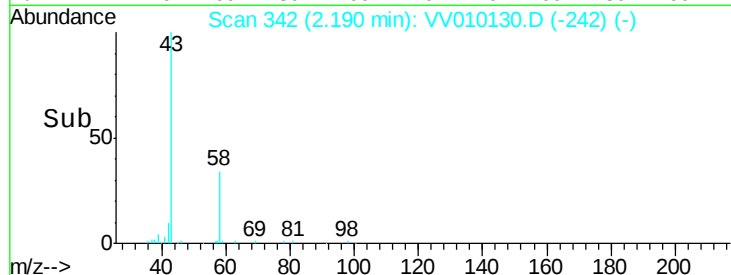
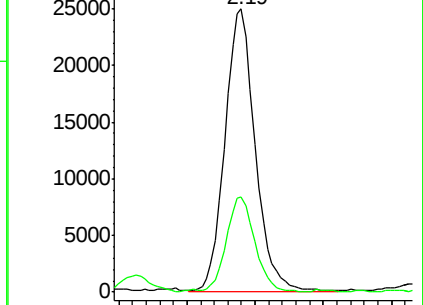
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Abundance Ion 43.00 (42.70 to 43.70): VV010130.D (-242) (-)

Ion 58.00 (57.70 to 58.70): VV010130.D (-242) (-)



#16

Methylene chloride

Concen: 3.867 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV010130.D

Acq: 05 Apr 2019 14:28

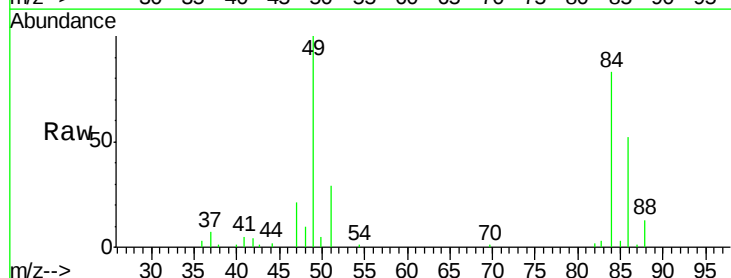
Tgt Ion: 84 Resp: 18594

Ion Ratio Lower Upper

84 100

49 119.8 84.3 156.5

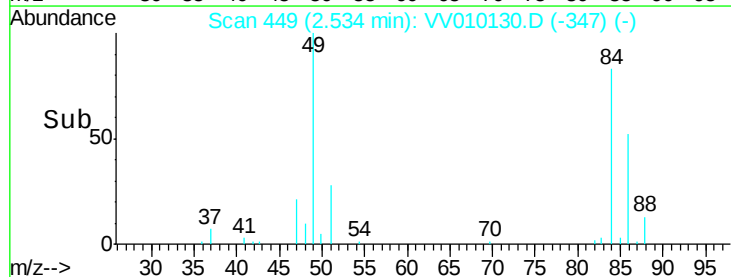
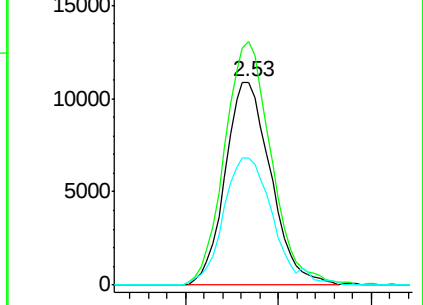
86 62.7 45.4 84.2

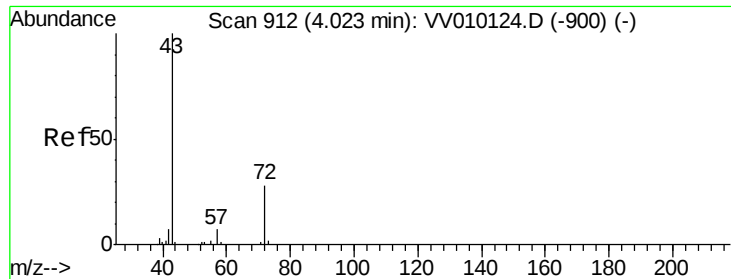


Abundance Ion 84.00 (83.70 to 84.70): VV010130.D (-347) (-)

Ion 49.00 (48.70 to 49.70): VV010130.D (-347) (-)

Ion 86.00 (85.70 to 86.70): VV010130.D (-347) (-)





#21

2-Butanone

Concen: 8.652 ug/L m

RT: 4.02 min Scan# 912

Delta R.T. -0.01 min

Lab File: VV010130.D

Acq: 05 Apr 2019 14:28

Instrument :

MSVOA_V

ClientSampleId :

BF5F8

Tot Ion: 43 Resp: 9767

Ion Ratio Lower Upper

43 100

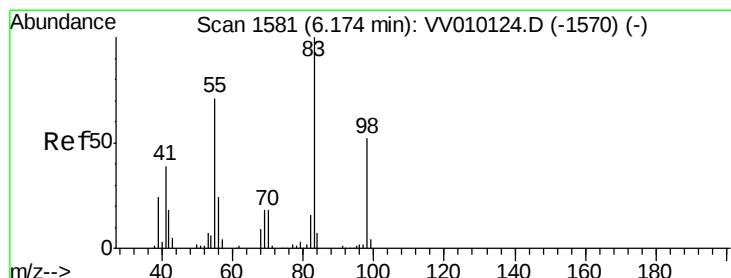
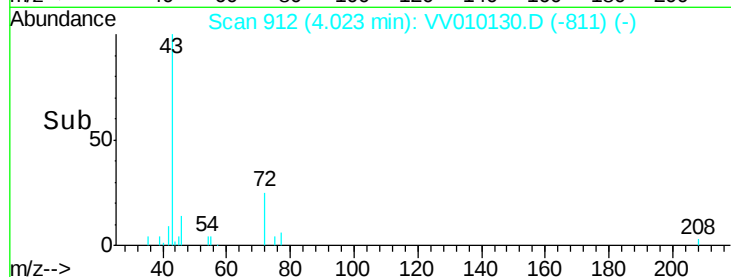
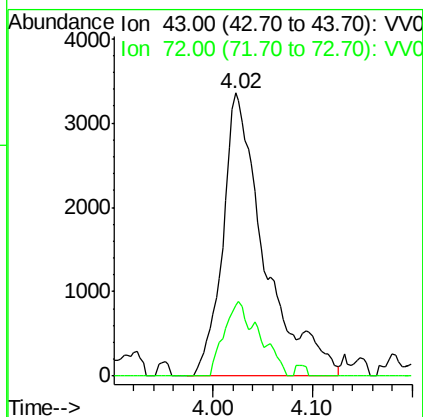
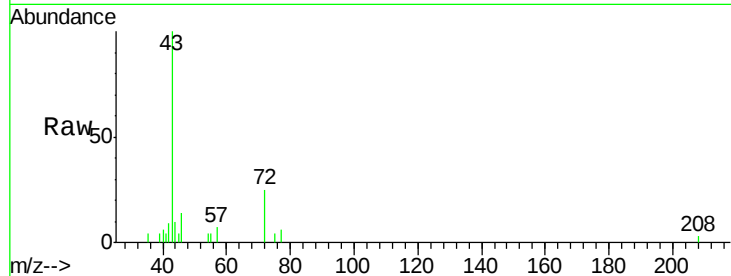
72 14.0 12.8 38.4

Manual Integrations

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#36

Methylcyclohexane

Concen: 6.264 ug/L

RT: 6.17 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VV010130.D

Acq: 05 Apr 2019 14:28

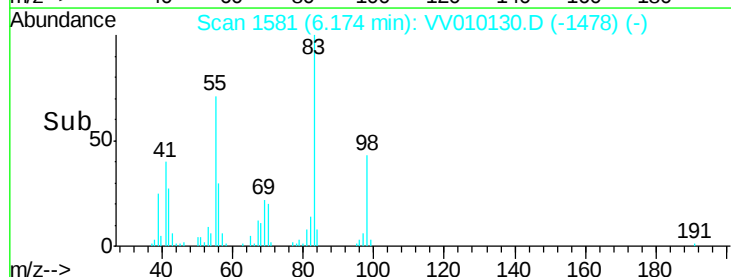
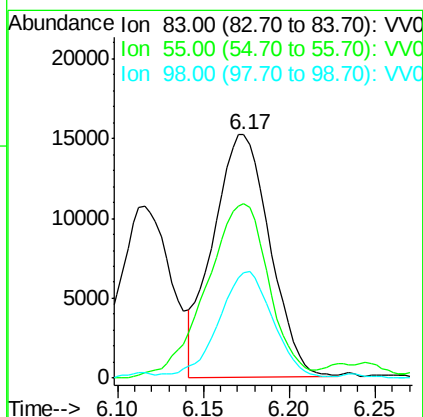
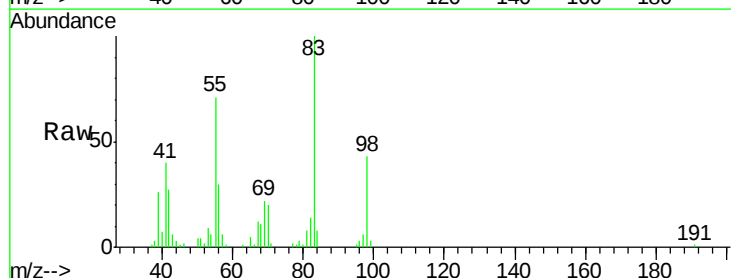
Tgt Ion: 83 Resp: 34778

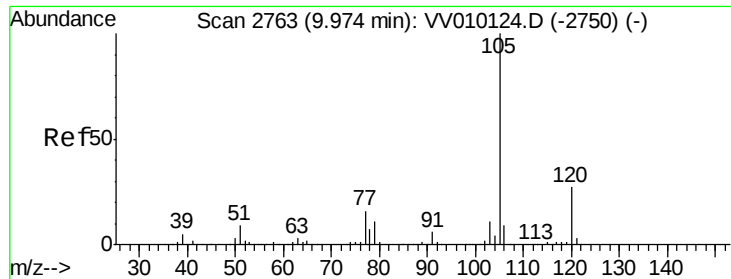
Ion Ratio Lower Upper

83 100

55 79.7 56.3 84.5

98 41.1 39.0 58.6





#57

Isopropylbenzene

Concen: 10.975 ug/L

RT: 9.98 min Scan# 2765

Delta R.T. 0.01 min

Lab File: VV010130.D

Acq: 05 Apr 2019 14:28

Instrument :

MSVOA_V

ClientSampleId :

BF5F8

Tot Ion	Ratio	Resp Lower	Upper
105	100		
120	26.3	21.5	32.3
77	32.3	12.4	18.6

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