

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040419\
 Data File : VV010117.D
 Acq On : 04 Apr 2019 18:43
 Operator : SY/MD
 Sample : K2215-19
 Misc : 5.41G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF2P9

Manual Integrations
 APPROVED

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 4/5/2019 3:25:36 PM

Quant Time: Apr 05 02:25:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 01:26:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	296339	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	302069	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	128052	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61846	15.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.36%
7) Chloroethane-d5	1.57	69	64383	13.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.28%
10) 1,1-Dichloroethene-d2	2.12	63	131997	13.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.76%
20) 2-Butanone-d5	3.93	46	48444	42.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.82%
24) Chloroform-d	4.40	84	144965	19.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.68%
26) 1,2-Dichloroethane-d4	5.08	65	91337	21.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.48%
29) Benzene-d6	5.10	84	310490	19.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.28%
33) 1,2-Dichloropropane-d6	6.12	67	94606	20.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.84%
37) Toluene-d8	7.36	98	286434	18.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.92%
38) trans-1,3-Dichloropropene-	7.66	79	34103	17.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.04%
39) 2-Hexanone-d5	8.13	63	37848	40.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.64%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	91364	20.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	107864	21.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.48%

Target Compounds

					Ovalue
13) Acetone	2.19	43	4329	3.879 ug/L	86
16) Methylene chloride	2.53	84	11340	2.178 ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	6023m	1.533 ug/L	
35) Trichloroethene	5.96	95	10134	2.383 ug/L	95
47) Tetrachloroethene	8.02	164	1452235	408.055 ug/L	96

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

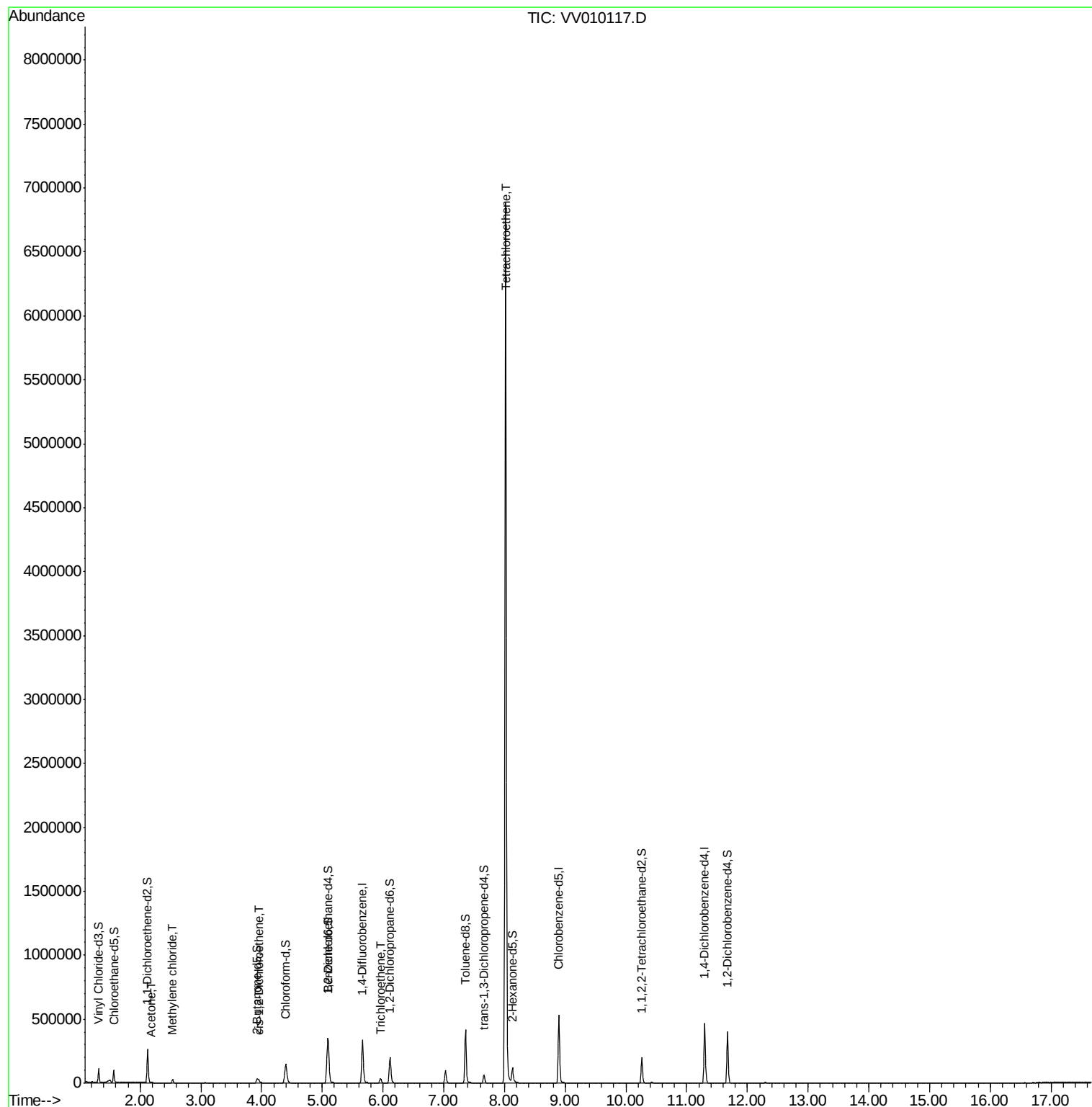
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040419\
Data File : VV010117.D
Acq On : 04 Apr 2019 18:43
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Sample : K2215-19
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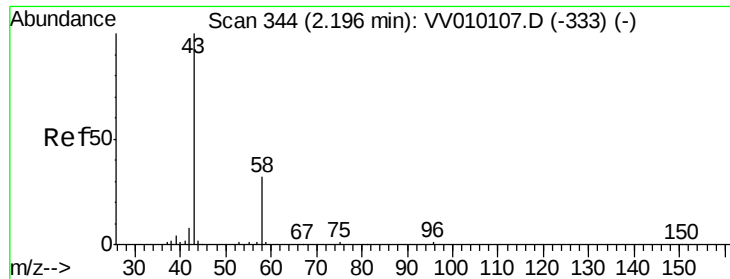
Instrument :
MSVOA_V
ClientSampleId :
BF2P9

Manual Integrations
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Quant Time: Apr 05 02:25:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 05 01:26:41 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.879 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.01 min

Lab File: VV010117.D

Acq: 04 Apr 2019 18:43

Instrument :

MSVOA_V

ClientSampleId :

BF2P9

Tot Ion: 43 Resp: 4329

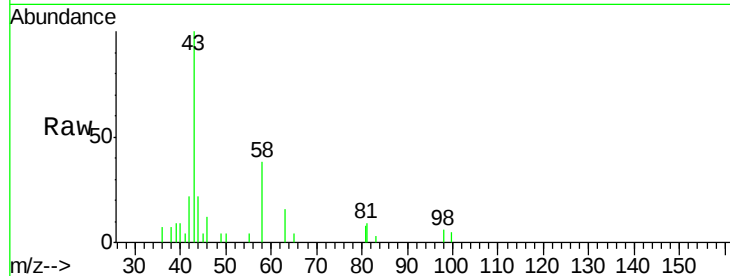
Ion Ratio Lower Upper

43 100

58 40.4 0.0 64.6

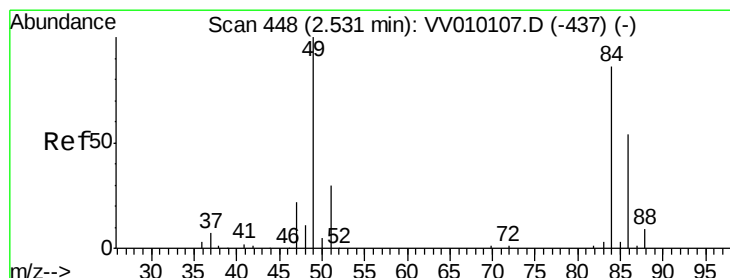
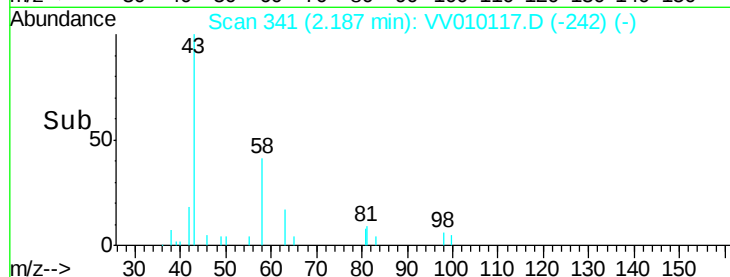
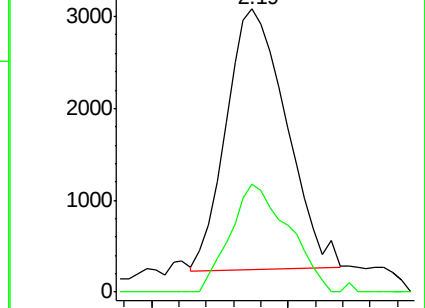
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Abundance Ion 43.00 (42.70 to 43.70): VV010107.D (-333) (-)

Ion 58.00 (57.70 to 58.70): VV010107.D (-333) (-)



#16

Methylene chloride

Concen: 2.178 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV010117.D

Acq: 04 Apr 2019 18:43

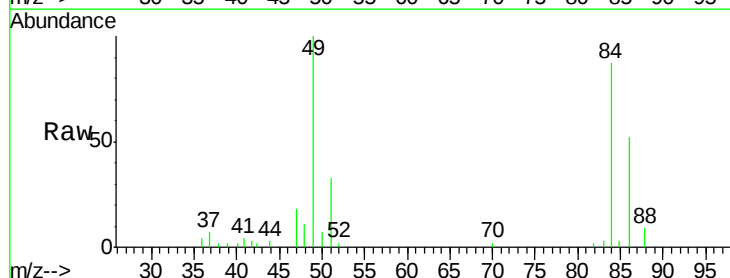
Tgt Ion: 84 Resp: 11340

Ion Ratio Lower Upper

84 100

49 114.5 84.3 156.5

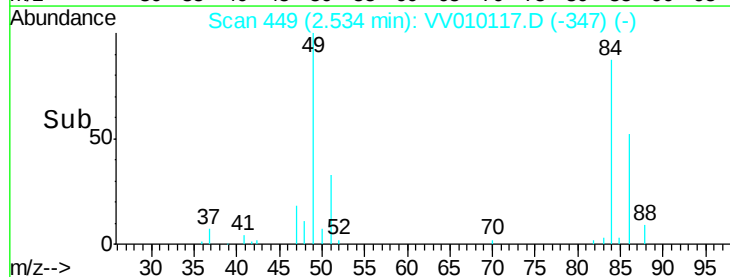
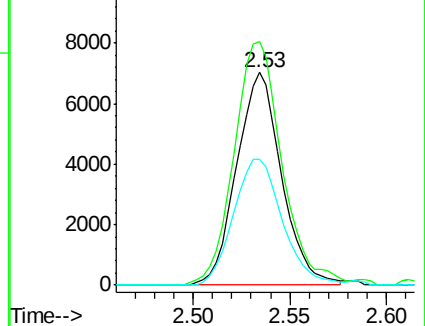
86 59.5 45.4 84.2

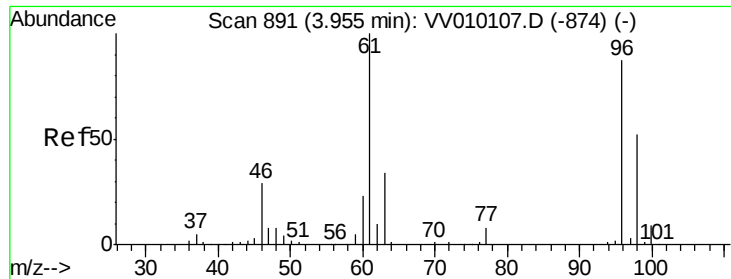


Abundance Ion 84.00 (83.70 to 84.70): VV010107.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV010107.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV010107.D (-437) (-)





#22

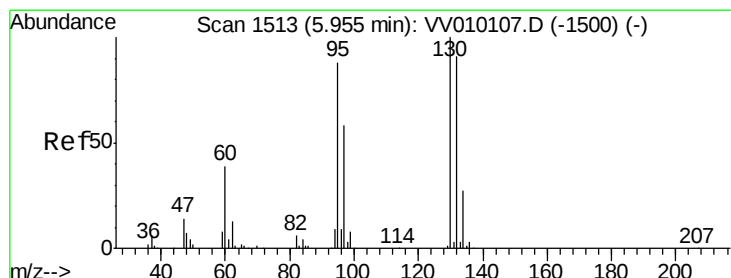
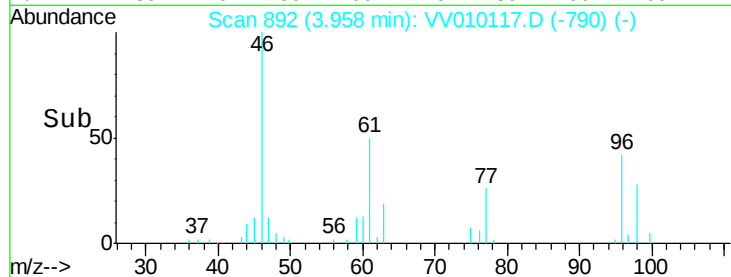
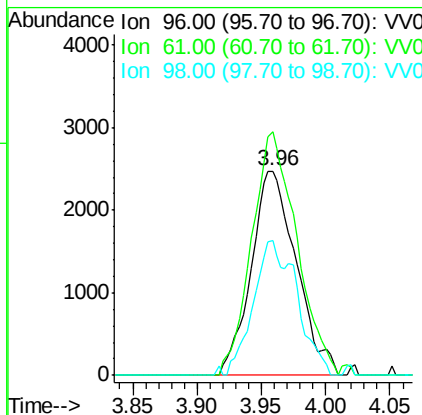
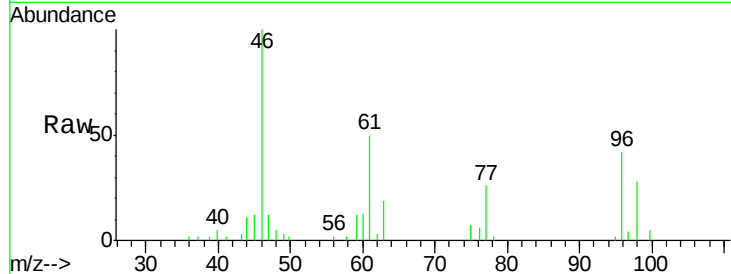
cis-1,2-Dichloroethene
Concen: 1.533 ug/L m
RT: 3.96 min Scan# 892
Delta R.T. -0.00 min
Lab File: VV010117.D
Acq: 04 Apr 2019 18:43

Instrument :
MSVOA_V
ClientSampled :
BF2P9

Tot Ion	Ratio	Lower	Upper
96	100		
61	119.1	82.7	153.5
98	65.7	43.9	81.5

Manual Integrations
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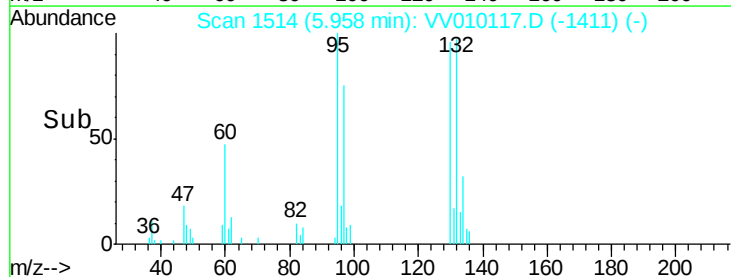
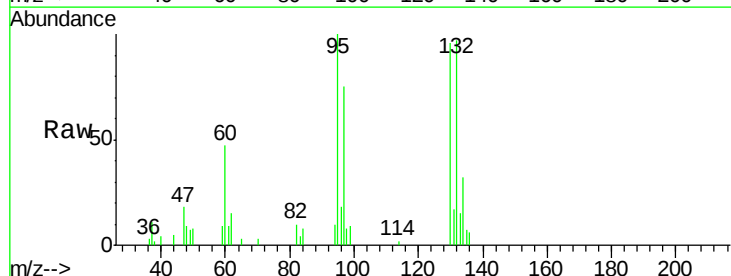
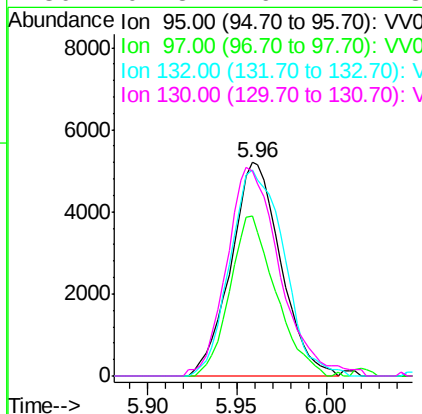
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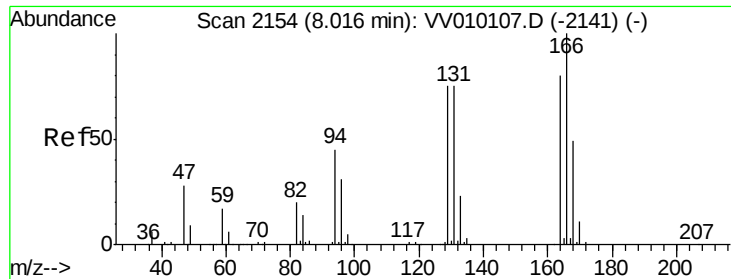


#35

Trichloroethene
Concen: 2.383 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV010117.D
Acq: 04 Apr 2019 18:43

Tgt Ion	Ratio	Lower	Upper
95	100		
97	68.7	45.8	85.2
132	104.5	70.6	131.0
130	101.8	76.1	141.3





#47
 Tetrachloroethene
 Concen: 408.055 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: VV010117.D
 Acq: 04 Apr 2019 18:43

Instrument :
 MSVOA_V
 ClientSampleId :
 BF2P9

Tot Ion	Ratio	Lower	Upper
164	100		
129	93.4	67.8	125.8
131	91.1	65.2	121.0
166	126.3	93.8	174.2

Manual Integrations
 APPROVED

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