

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037431.D
 Acq On : 28 Mar 2020 21:04
 Operator : JC/MD
 Sample : L2002-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAWH5

Manual Integrations
 APPROVED

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 3/31/2020 2:57:49 PM

Quant Time: Mar 30 02:35:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 30 00:15:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	104688	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	99657	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	48961	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	38635	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.93	69	34251	5.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.40%
11) 1,1-Dichloroethene-d2	2.59	63	60068	3.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.60%
20) 2-Butanone-d5	4.67	46	103268	49.03	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.06%
24) Chloroform-d	5.11	84	71486	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.74	65	43542	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.76	84	152095	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	6.72	67	49055	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.92	98	142900	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
43) trans-1,3-Dichloropropene-	8.20	79	22227	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.66	63	94989	53.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.64%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	39578	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	53630	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	43068	35.585	ug/L	99
15) Methyl Acetate	2.98	43	54132	16.009	ug/L	97
21) 2-Butanone	4.75	43	6885m	3.346	ug/L	
25) Chloroform	5.13	83	18672	1.319	ug/L	91
31) Carbon tetrachloride	5.56	117	1128457	104.340	ug/L	99

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

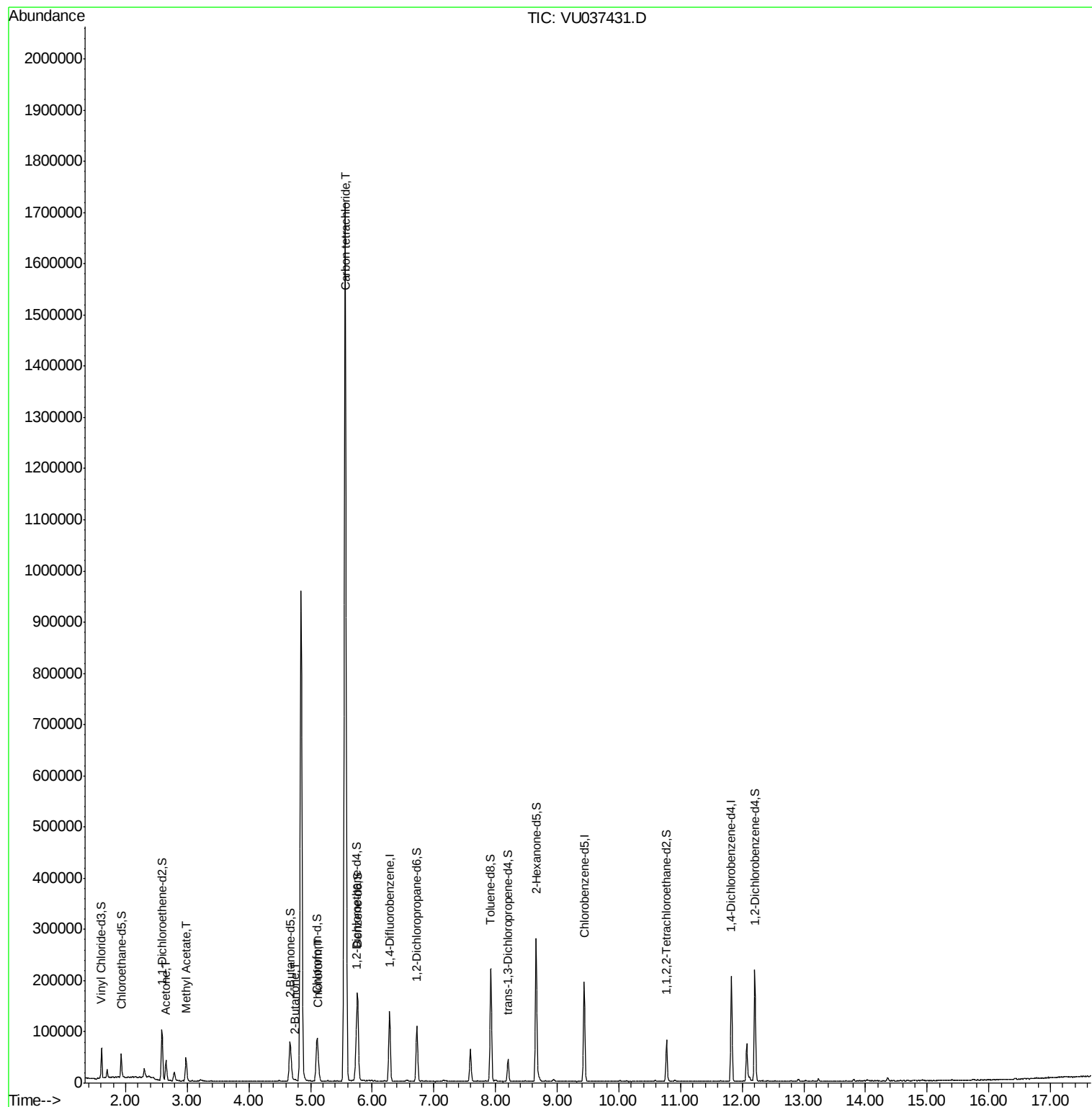
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU032820\
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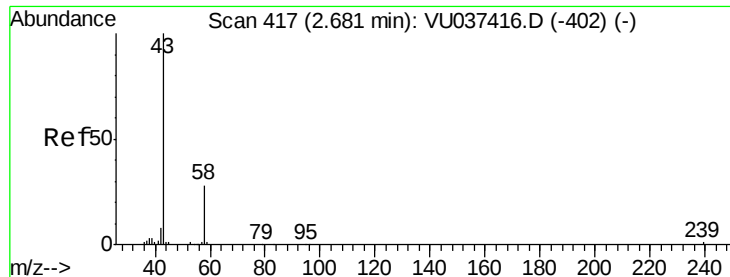
Instrument :
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Quant Title : TRACE VOA SOM01.0
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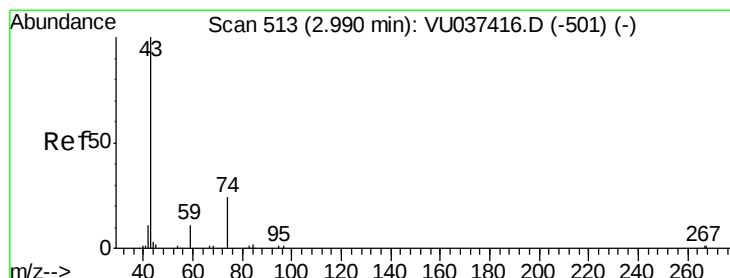
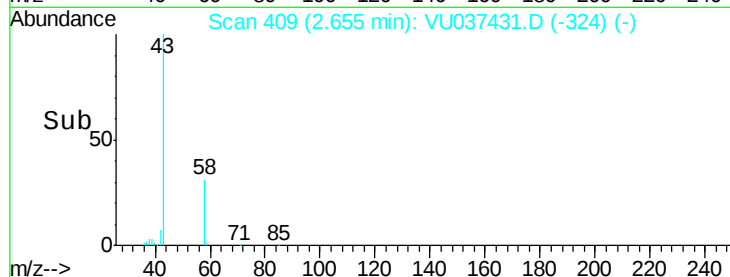
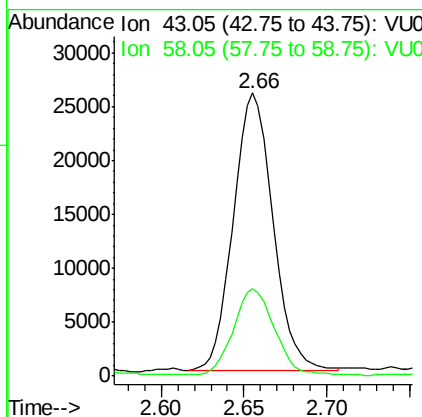
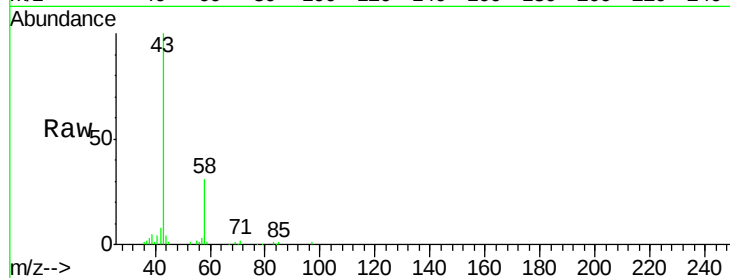
#13
Acetone
Concen: 35.585 ug/L
RT: 2.66 min Scan# 409
Delta R.T. -0.03 min
Lab File: VU037431.D
Acq: 28 Mar 2020 21:04

Instrument :
MSVOA_U
ClientSampleId :
GAWH5

Tot Ion	43	Resp	43068
Ion Ratio	Lower	Upper	
43	100		
58	33.5	0.0	66.0

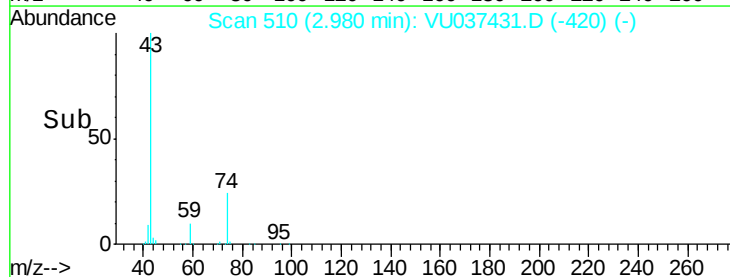
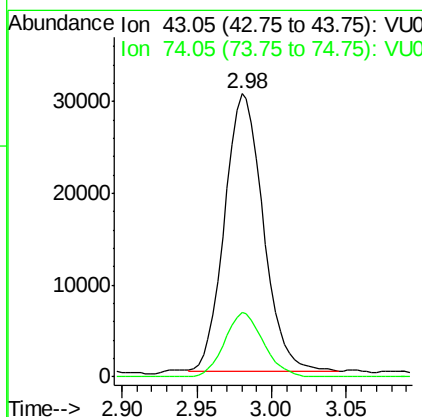
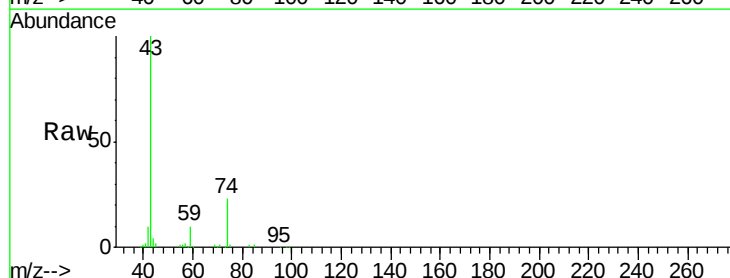
Manual Integrations
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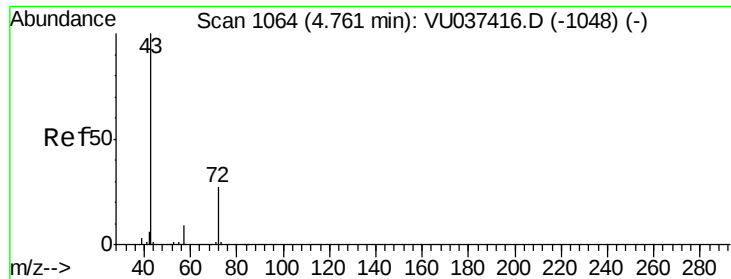
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#15
Methyl Acetate
Concen: 16.009 ug/L
RT: 2.98 min Scan# 510
Delta R.T. -0.01 min
Lab File: VU037431.D
Acq: 28 Mar 2020 21:04

Tgt Ion	43	Resp	54132
Ion Ratio	Lower	Upper	
43	100		
74	23.4	19.8	29.6





#21

2-Butanone

Concen: 3.346 ug/L m

RT: 4.75 min Scan# 1061

Delta R.T. -0.01 min

Lab File: VU037431.D

Acq: 28 Mar 2020 21:04

Instrument :

MSVOA_U

ClientSampleId :

GAWH5

Tot Ion: 43 Resp: 6885

Ion Ratio Lower Upper

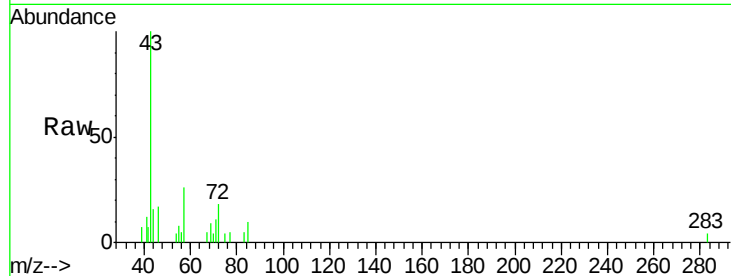
43 100

72 9.9 14.2 42.6#

Manual Integrations
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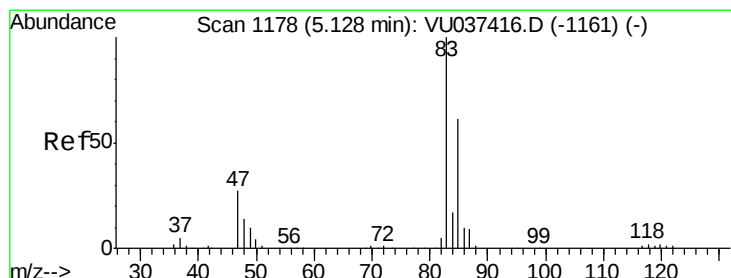
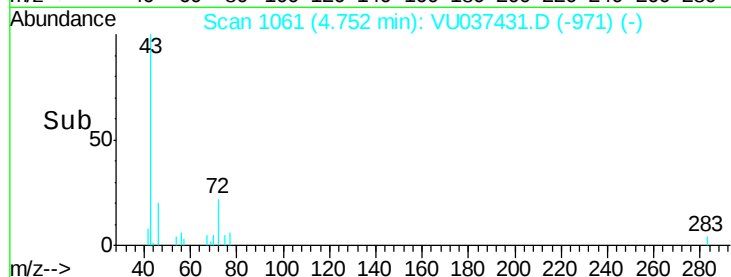
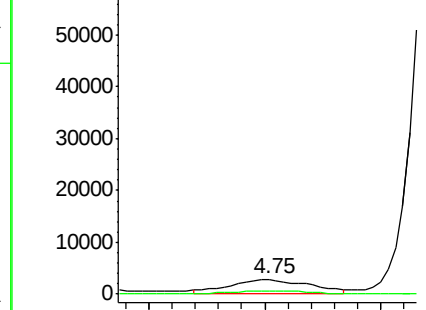
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Abundance Ion 43.05 (42.75 to 43.75): VU037416.D (-1048) (-)

Ion 72.10 (71.80 to 72.80): VU037416.D (-1048) (-)



#25

Chloroform

Concen: 1.319 ug/L

RT: 5.13 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VU037431.D

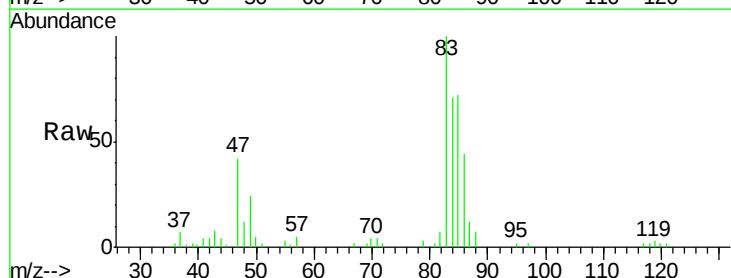
Acq: 28 Mar 2020 21:04

Tgt Ion: 83 Resp: 18672

Ion Ratio Lower Upper

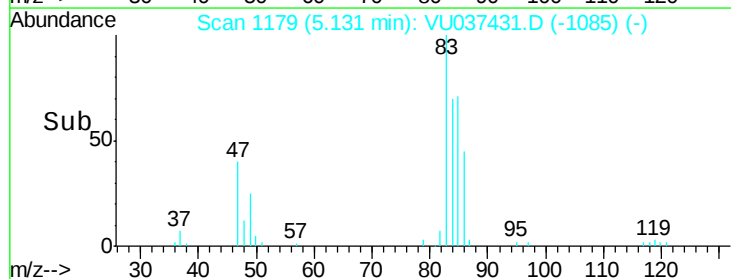
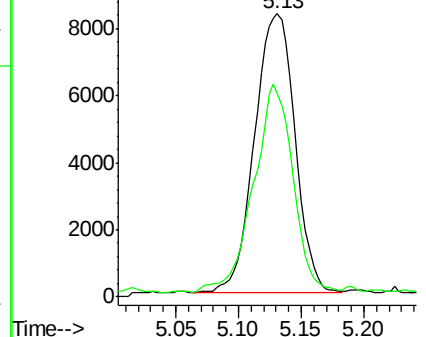
83 100

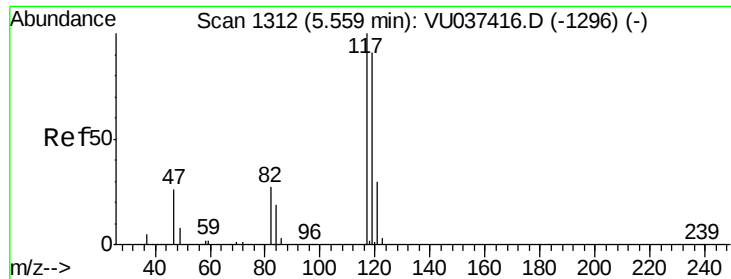
85 72.2 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU037416.D (-1161) (-)

Ion 85.00 (84.70 to 85.70): VU037416.D (-1161) (-)





#31

Carbon tetrachloride

Concen: 104.340 ug/L

RT: 5.56 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU037431.D

Acq: 28 Mar 2020 21:04

Instrument :

MSVOA_U

ClientSampleId :

GAWH5

Tot Ion:117 Resp: 1128457

Ion Ratio Lower Upper

117 100

119 96.6 77.7 116.5

Manual Integrations

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