

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082318\
 Data File : VW004894.D
 Acq On : 23 Aug 2018 13:40
 Operator : SY/AP
 Sample : J4624-02
 Misc : 6.22G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E4428

Manual Integrations
 APPROVED

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 8/27/2018 1:45:22 PM

Quant Time: Aug 24 05:18:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 05:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	828989	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	815621	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	373419	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	328318	20.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.80%
7) Chloroethane-d5	2.89	69	253098	21.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.16%
10) 1,1-Dichloroethene-d2	4.03	63	331232	16.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.20%
20) 2-Butanone-d5	7.09	46	120221	37.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.40%
24) Chloroform-d	7.66	84	411747	22.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.48%
26) 1,2-Dichloroethane-d4	8.31	65	225230	22.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.08%
29) Benzene-d6	8.28	84	1018904	24.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.16%
33) 1,2-Dichloropropane-d6	9.28	67	293683	23.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.28%
37) Toluene-d8	10.33	98	1027645	23.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.48%
38) trans-1,3-Dichloropropene-	10.59	79	122735	23.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.56%
39) 2-Hexanone-d5	10.93	63	124409	40.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.48%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	251303	20.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.16%
61) 1,2-Dichlorobenzene-d4	13.87	152	367526	24.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.00%

Target Compounds

					Ovalue
13) Acetone	4.15	43	7854m	3.18	ug/L
18) trans-1,2-Dichloroethene	5.43	96	78866	7.85	ug/L
22) cis-1,2-Dichloroethene	7.18	96	1755077	161.83	ug/L
35) Trichloroethene	9.10	95	674649	58.34	ug/L
47) Tetrachloroethene	10.87	164	2727032	240.88	ug/L

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

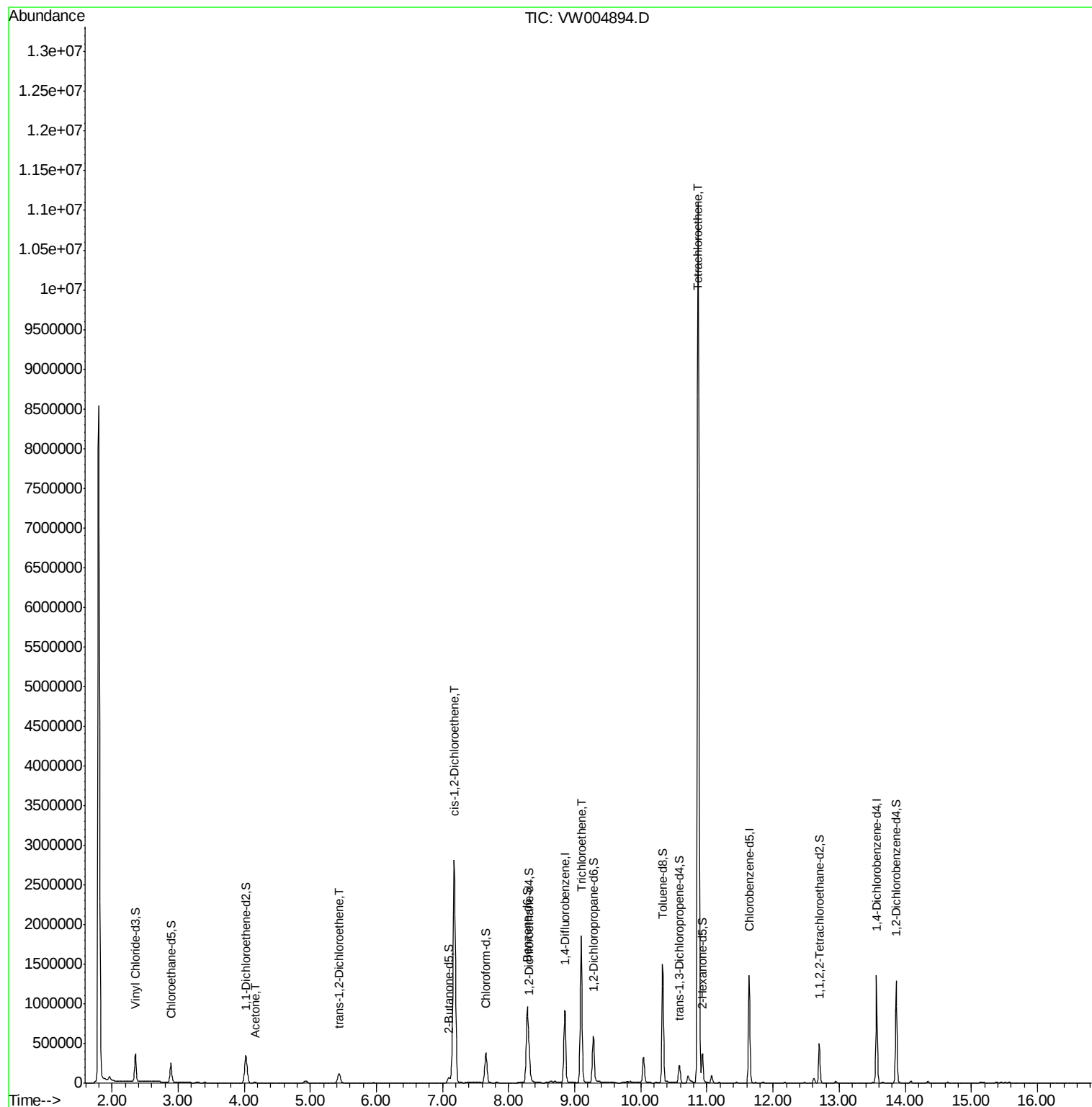
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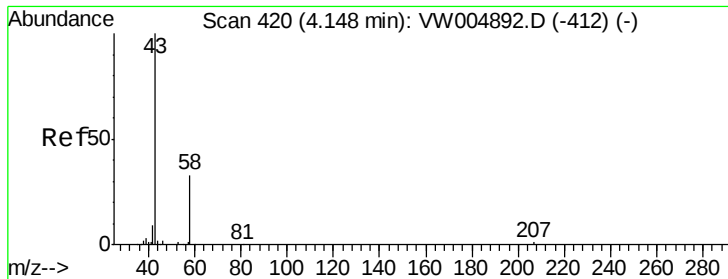
Instrument :
MSVOA_W
ClientSampleId :
E4428

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Quant Time: Aug 24 05:18:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 24 05:01:02 2018
Response via : Initial Calibration





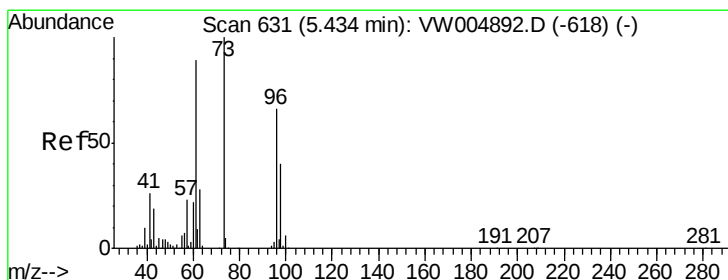
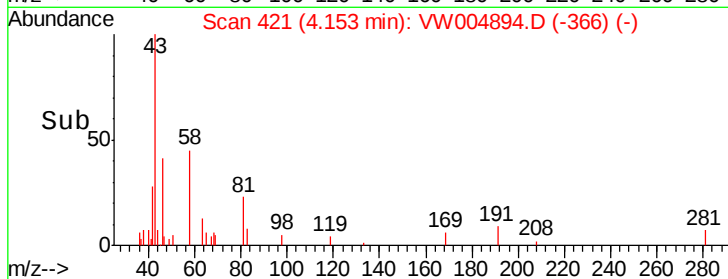
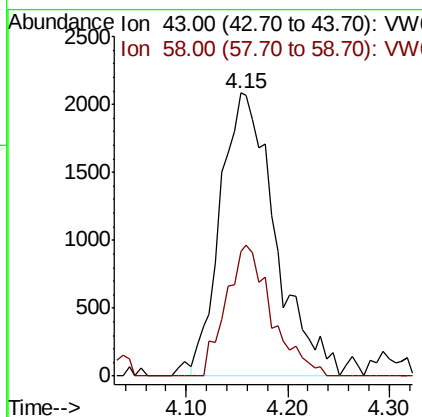
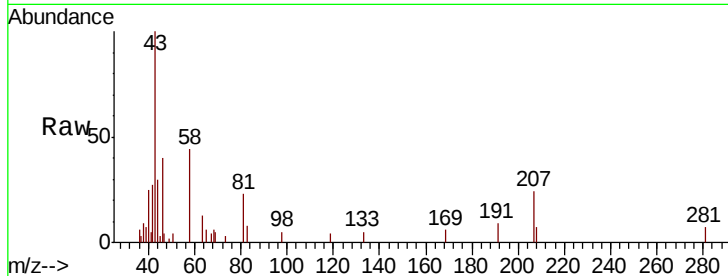
#13
Acetone
Concen: 3.18 ug/L m
RT: 4.15 min Scan# 421
Delta R.T. 0.01 min
Lab File: VW004894.D
Acq: 23 Aug 2018 13:40

Instrument :
MSVOA_W
ClientSampleId :
E4428

Tot Ion: 43 Resp: 7854
Ion Ratio Lower Upper
43 100
58 38.3 0.0 69.4

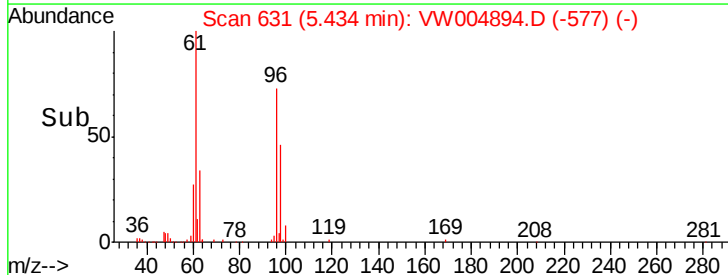
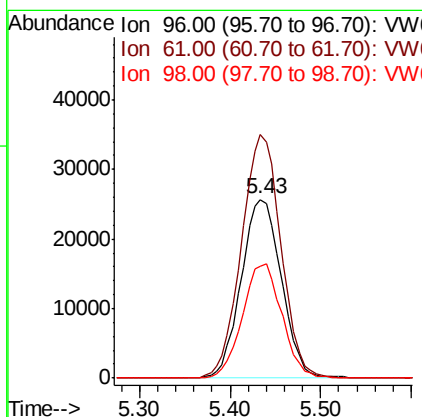
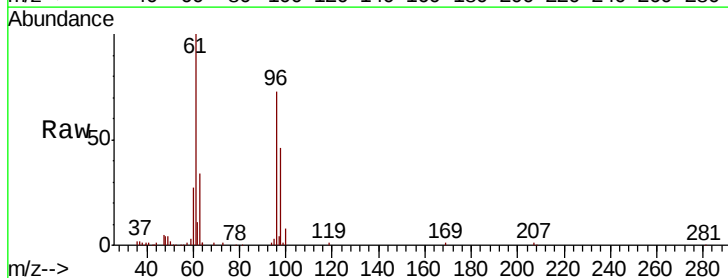
Manual Integrations
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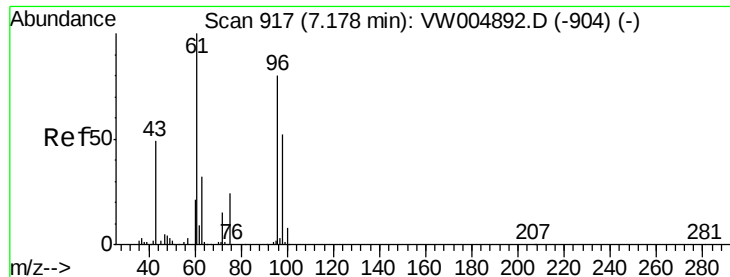
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#18
trans-1,2-Dichloroethene
Concen: 7.85 ug/L
RT: 5.43 min Scan# 631
Delta R.T. -0.00 min
Lab File: VW004894.D
Acq: 23 Aug 2018 13:40

Tgt Ion: 96 Resp: 78866
Ion Ratio Lower Upper
96 100
61 136.5 92.5 171.9
98 62.5 42.8 79.4





#22

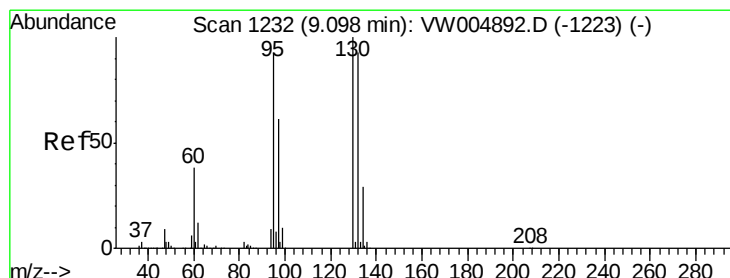
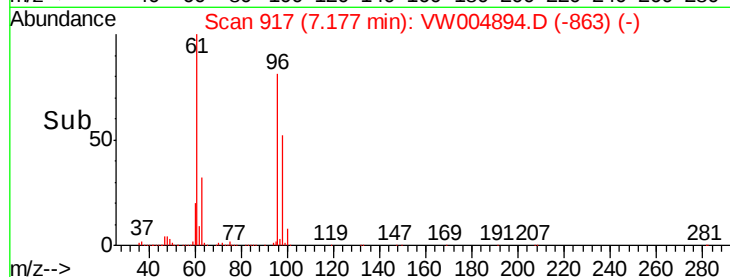
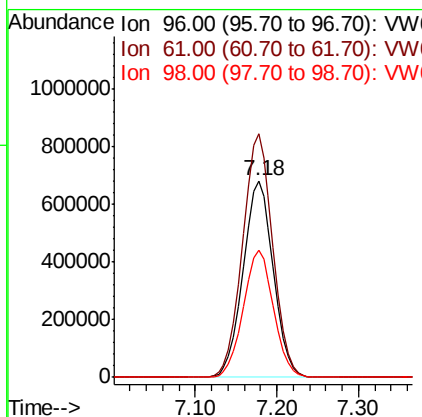
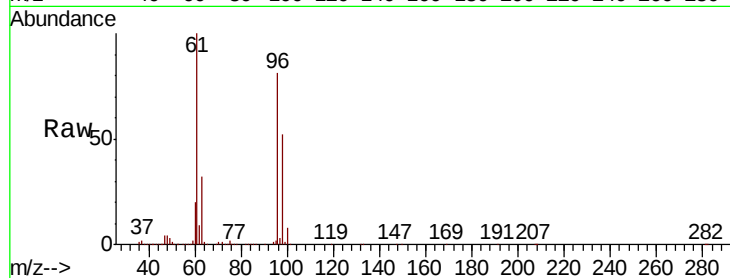
cis-1,2-Dichloroethene
Concen: 161.83 ug/L
RT: 7.18 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW004894.D
Acq: 23 Aug 2018 13:40

Instrument :
MSVOA_W
ClientSampled :
E4428

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.0	89.7	166.7
98	64.5	45.0	83.6

Manual Integrations
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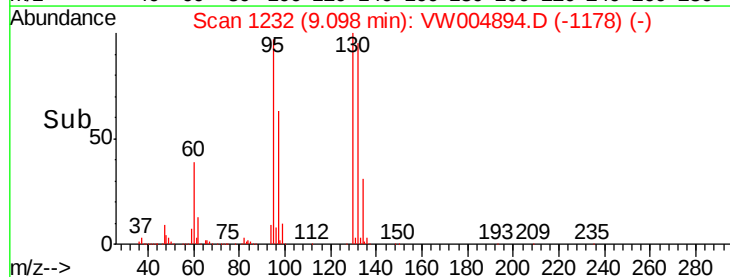
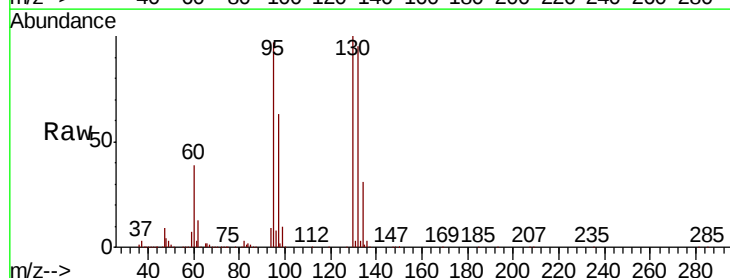
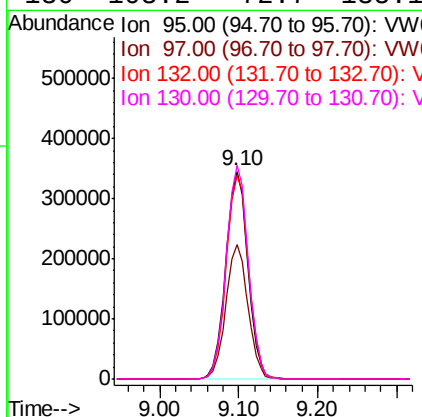
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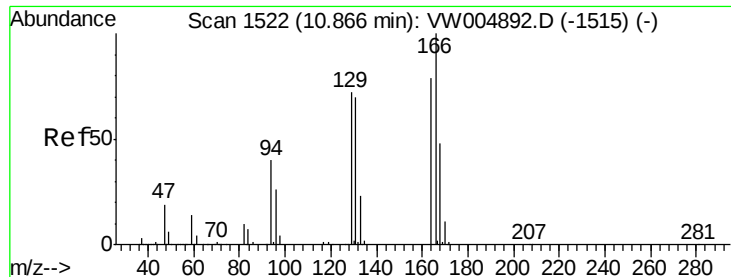


#35

Trichloroethene
Concen: 58.34 ug/L
RT: 9.10 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VW004894.D
Acq: 23 Aug 2018 13:40

Tgt Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.9	85.3
132	99.0	69.2	128.4
130	103.2	72.7	135.1





#47
Tetrachloroethene
Concen: 240.88 ug/L
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004894.D
Acq: 23 Aug 2018 13:40

Instrument :
MSVOA_W
ClientSampleId :
E4428

Tot Ion	Ratio	Lower	Upper
164	100		
129	94.0	66.8	124.0
131	91.0	64.0	119.0
166	128.1	89.8	166.8

Manual Integrations
APPROVED

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