

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032119\
 Data File : VW009320.D
 Acq On : 21 Mar 2019 12:03
 Operator : SY/VA
 Sample : K1988-17
 Misc : 5.39G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0C9

Manual Integrations
 APPROVED

MMDadoda
 3/23/2019 3:00:33 AM

Quant Time: Mar 24 14:21:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 09:38:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	363588	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	312903	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	97762	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	131014	30.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.60%
7) Chloroethane-d5	2.90	69	129572	25.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.96%
10) 1,1-Dichloroethene-d2	4.01	63	199145	21.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.84%
20) 2-Butanone-d5	7.08	46	78594	43.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.48%
24) Chloroform-d	7.65	84	275366	27.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.00%
26) 1,2-Dichloroethane-d4	8.31	65	157861	26.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.64%
29) Benzene-d6	8.27	84	513017	29.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.92%
33) 1,2-Dichloropropane-d6	9.27	67	156037	30.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.44%#
37) Toluene-d8	10.32	98	429867	26.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.76%
38) trans-1,3-Dichloropropene-	10.58	79	40113	15.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.64%
39) 2-Hexanone-d5	10.93	63	52612	41.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122060	23.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	100667	26.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.40%

Target Compounds

					Ovalue
13) Acetone	4.12	43	52646	35.728	ug/L 100
14) Carbon disulfide	4.38	76	53451	4.436	ug/L 99
16) Methylene chloride	4.92	84	8196m	1.546	ug/L
21) 2-Butanone	7.17	43	14877	7.312	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	11834m	2.321	ug/L

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

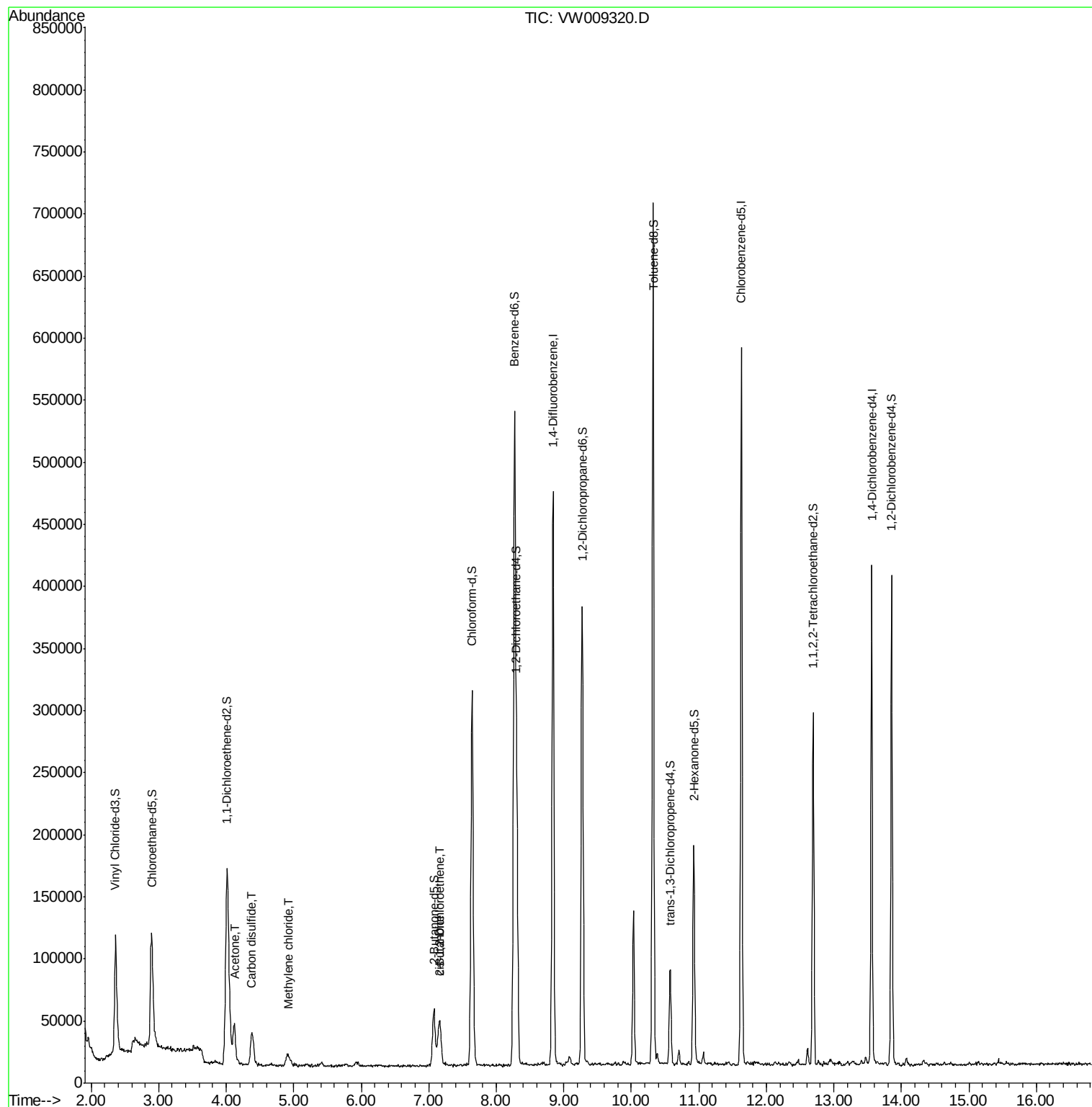
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032119\
Data File : VW009320.D
Acq On : 21 Mar 2019 12:03
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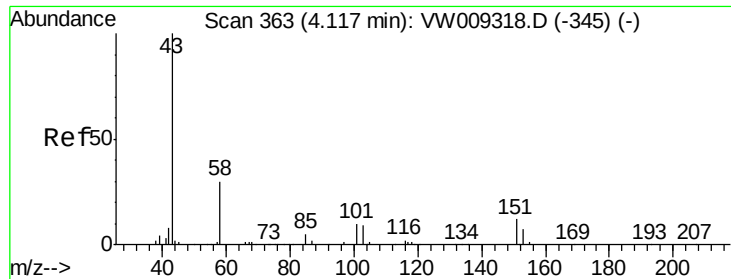
Instrument :
MSVOA_W
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QLast Update : Fri Mar 22 09:38:27 2019
Response via : Initial Calibration





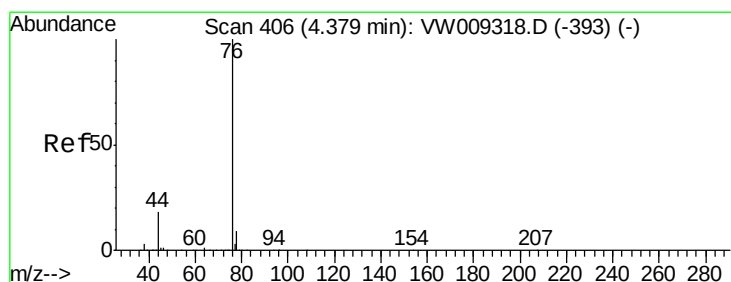
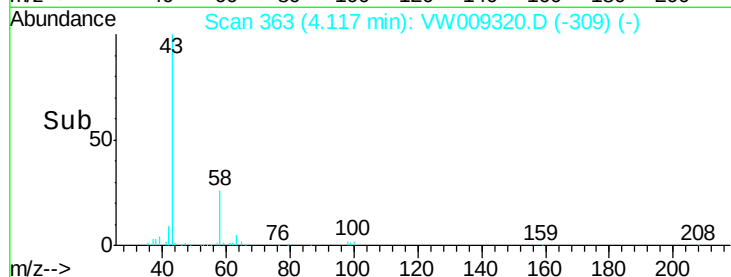
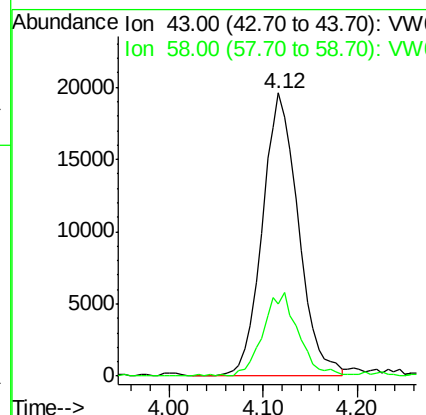
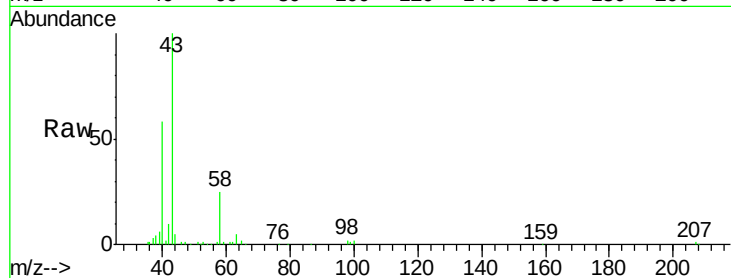
#13
Acetone
Concen: 35.728 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW009320.D
Acq: 21 Mar 2019 12:03

Instrument :
MSVOA_W
ClientSampleId :
BF0C9

Tot Ion	43	Resp	52646
Ion Ratio	100	Lower	Upper
58	28.1	0.0	56.2

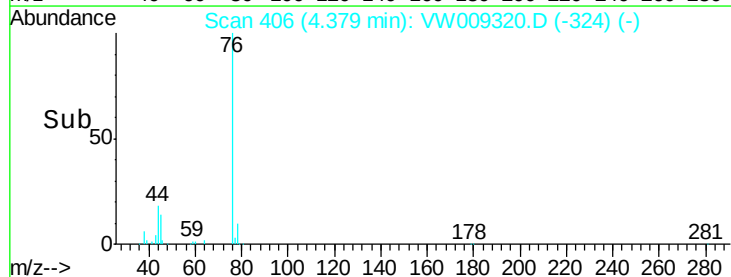
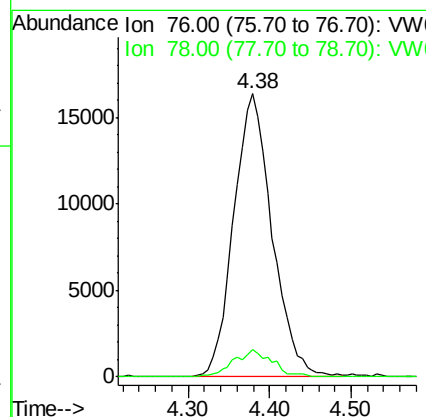
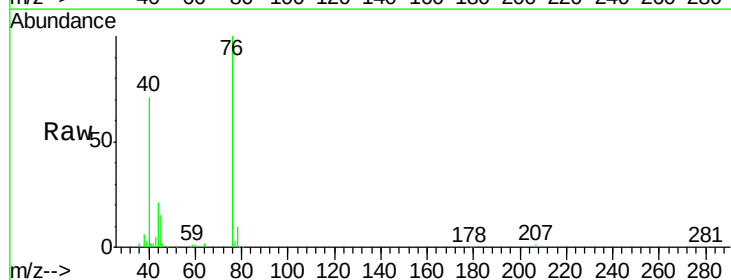
Manual Integrations
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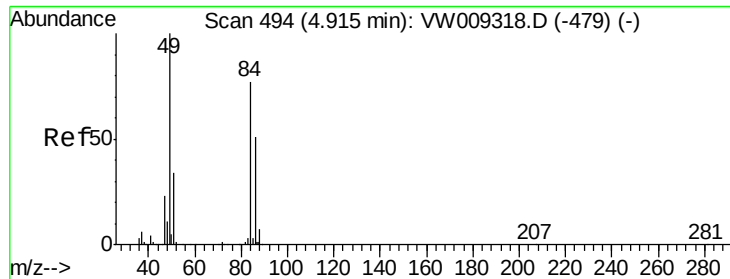
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#14
Carbon disulfide
Concen: 4.436 ug/L
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW009320.D
Acq: 21 Mar 2019 12:03

Tgt Ion	76	Resp	53451
Ion Ratio	100	Lower	Upper
78	9.6	7.3	10.9





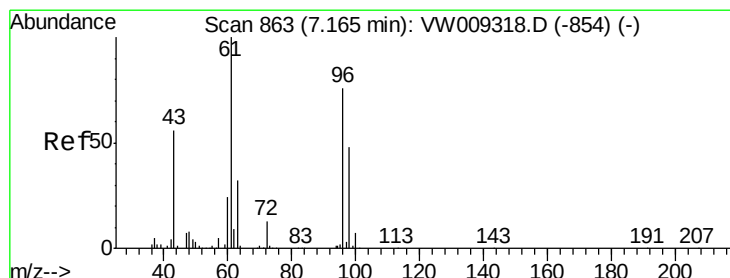
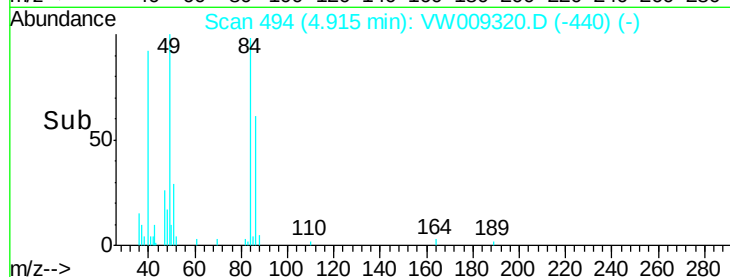
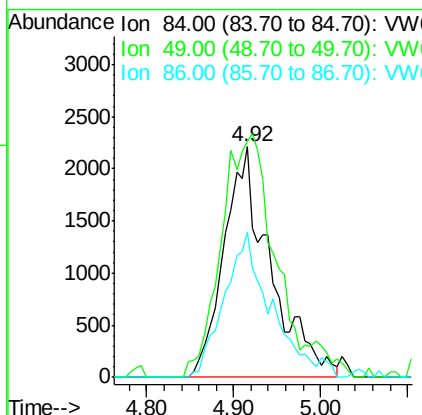
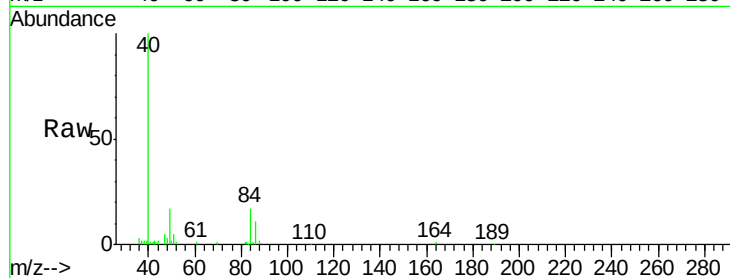
#16
Methylene chloride
Concen: 1.546 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW009320.D
Acq: 21 Mar 2019 12:03

Instrument :
MSVOA_W
ClientSampleId :
BF0C9

Tot Ion	84	Resp	8196
Ion Ratio	Lower	Upper	
84	100		
49	102.5	96.0	178.2
86	62.9	44.4	82.5

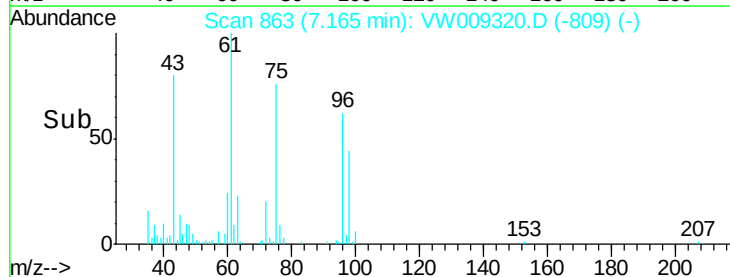
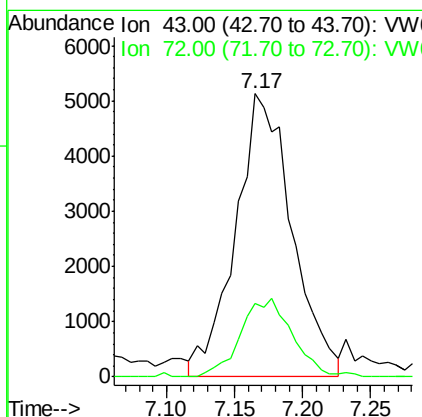
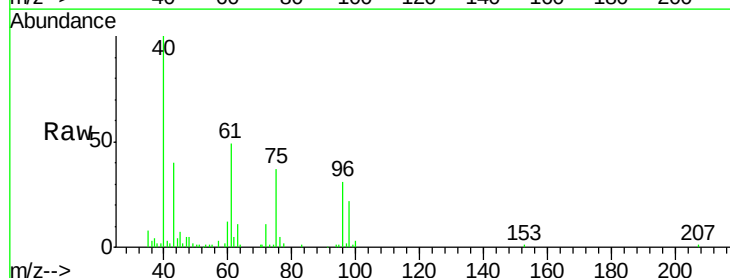
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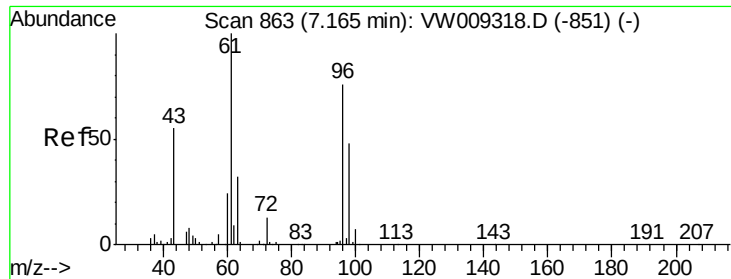
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3/23/2019 3:00:33 AM



#21
2-Butanone
Concen: 7.312 ug/L
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW009320.D
Acq: 21 Mar 2019 12:03

Tgt Ion	43	Resp	14877
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
43	100		
72	25.1	13.1	39.1





#22

cis-1,2-Dichloroethene
 Concen: 2.321 ug/L m
 RT: 7.17 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VW009320.D
 Acq: 21 Mar 2019 12:03

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0C9

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	118.4		90.6	168.3	
98	52.6		44.0	81.8	

Manual Integrations
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 3/23/2019 3:00:33 AM

