

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032019\
 Data File : VW009314.D
 Acq On : 21 Mar 2019 04:33
 Operator : SY/VA
 Sample : K1988-15
 Misc : 5.86G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0C6

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 11:43:37 AM

Quant Time: Apr 05 07:34:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 21 12:20:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	362339	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	350422	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	158492	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	110798	25.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.36%
7) Chloroethane-d5	2.90	69	103602	20.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.80%
10) 1,1-Dichloroethene-d2	4.01	63	165772	17.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.84%
20) 2-Butanone-d5	7.08	46	69447	38.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.56%
24) Chloroform-d	7.64	84	233322	23.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	8.30	65	138225	23.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.80%
29) Benzene-d6	8.27	84	438298	22.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.72%
33) 1,2-Dichloropropane-d6	9.27	67	138830	23.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.68%
37) Toluene-d8	10.32	98	388047	21.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.88%
38) trans-1,3-Dichloropropene-	10.57	79	56781	19.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.92%
39) 2-Hexanone-d5	10.93	63	50717	36.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121685	21.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	148342	24.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.64%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.37	62	3757m	0.721	ug/L	
16) Methylene chloride	4.91	84	8459m	1.601	ug/L	
22) cis-1,2-Dichloroethene	7.16	96	26215	5.159	ug/L	96
35) Trichloroethene	9.09	95	1558369	304.918	ug/L	99
47) Tetrachloroethene	10.86	164	71058	16.455	ug/L	97

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

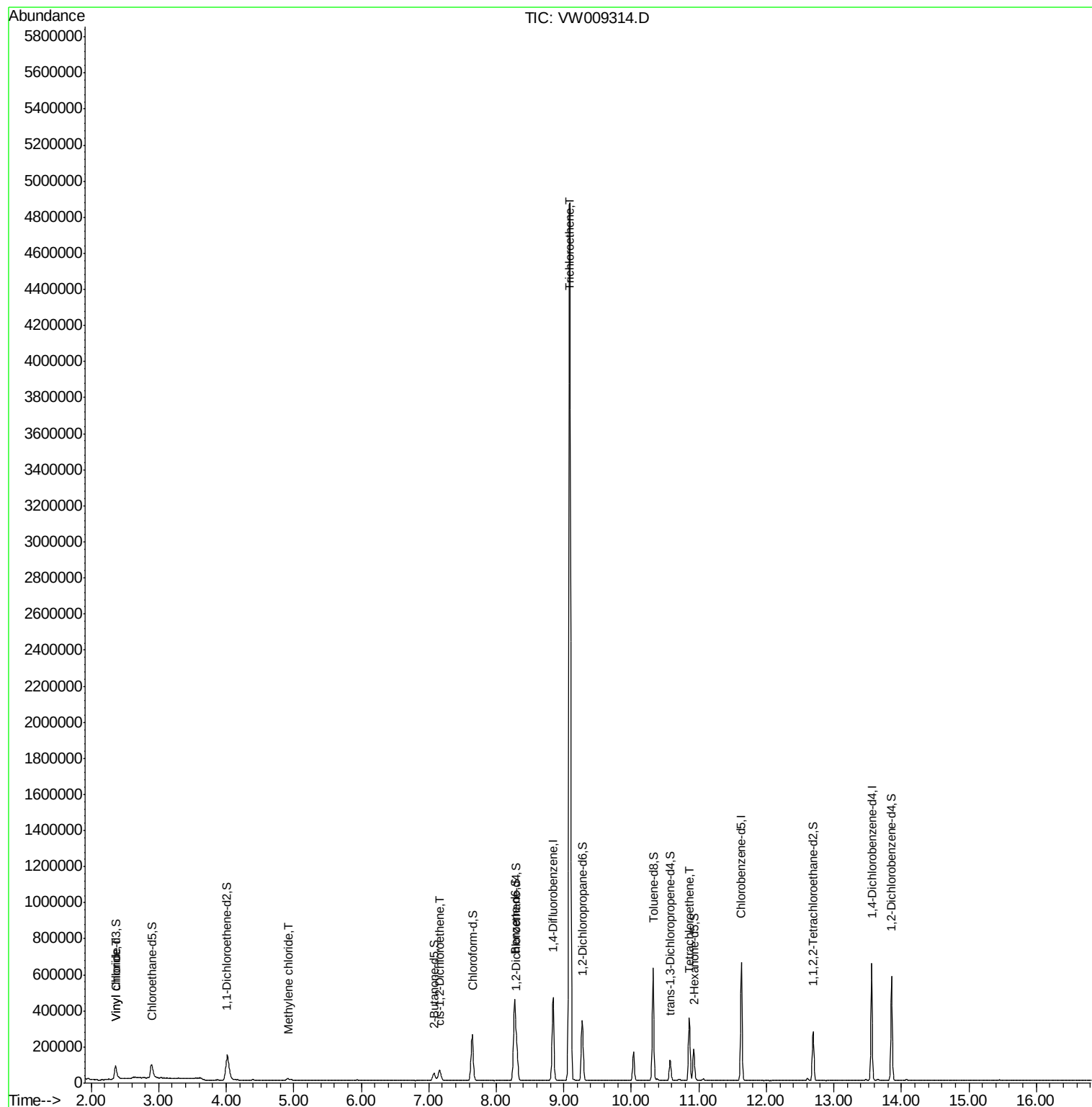
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032019\
Data File : VW009314.D
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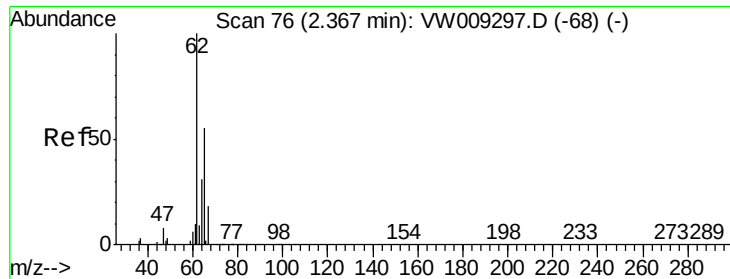
Instrument :
MSVOA_W
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Quant Time: Apr 05 07:34:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 21 12:20:05 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.721 ug/L m

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW009314.D

Acq: 21 Mar 2019 04:33

Instrument :

MSVOA_W

ClientSampleId :

BF0C6

Tot Ion: 62 Resp: 3757

Ion Ratio Lower Upper

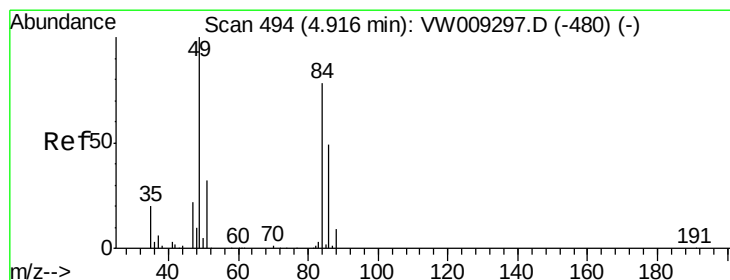
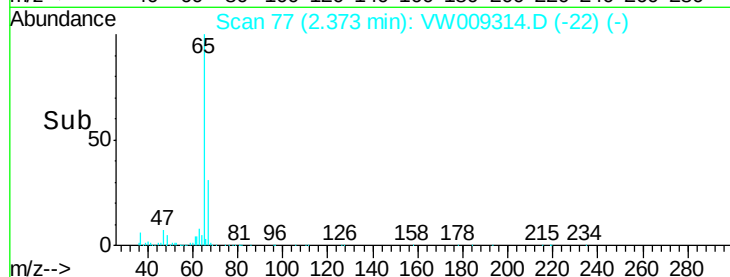
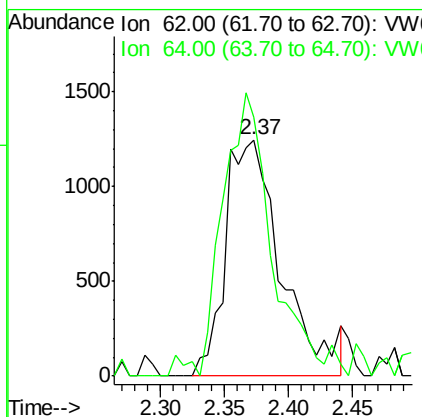
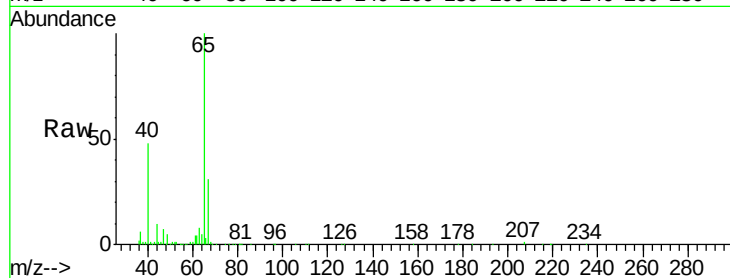
62 100

64 110.0 23.0 42.6#

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#16

Methylene chloride

Concen: 1.601 ug/L m

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW009314.D

Acq: 21 Mar 2019 04:33

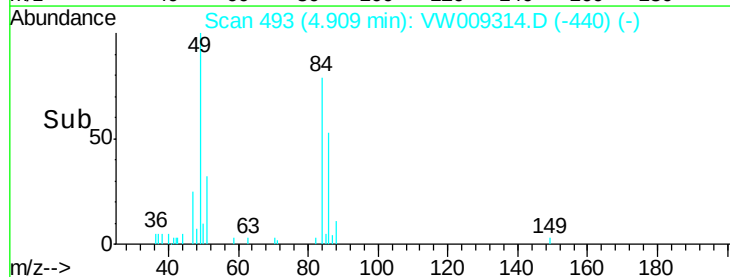
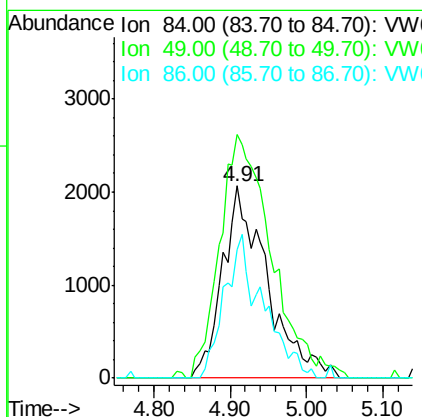
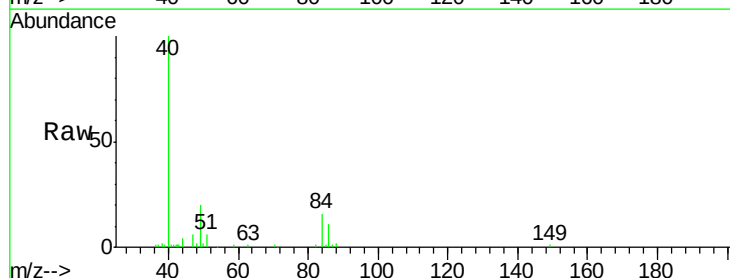
Tgt Ion: 84 Resp: 8459

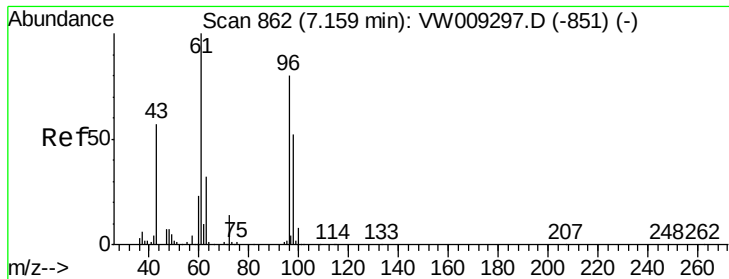
Ion Ratio Lower Upper

84 100

49 126.7 96.0 178.2

86 66.6 44.4 82.5





#22

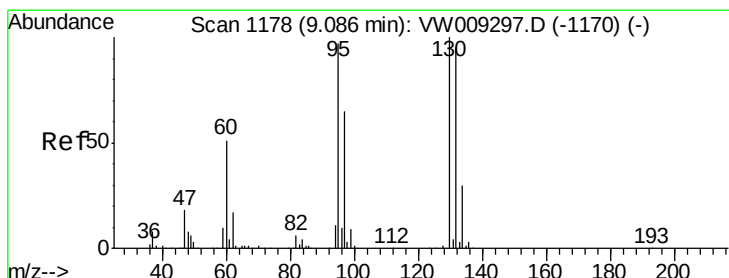
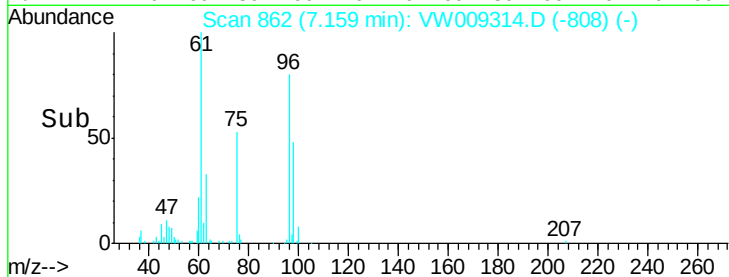
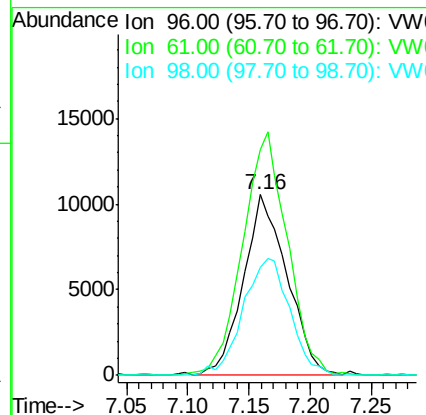
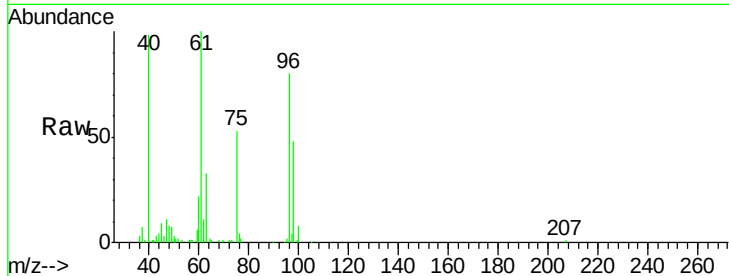
cis-1,2-Dichloroethene
Concen: 5.159 ug/L
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: VW009314.D
Acq: 21 Mar 2019 04:33

Instrument :
MSVOA_W
ClientSampleId :
BF0C6

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.9	90.6	168.3
98	59.5	44.0	81.8

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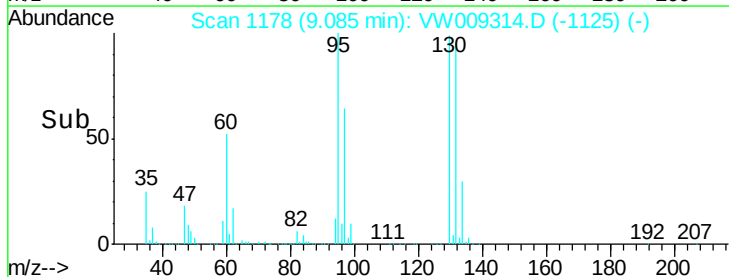
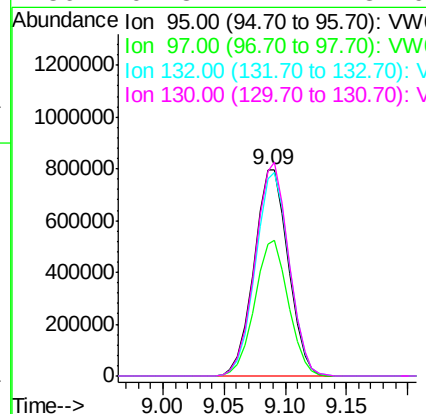
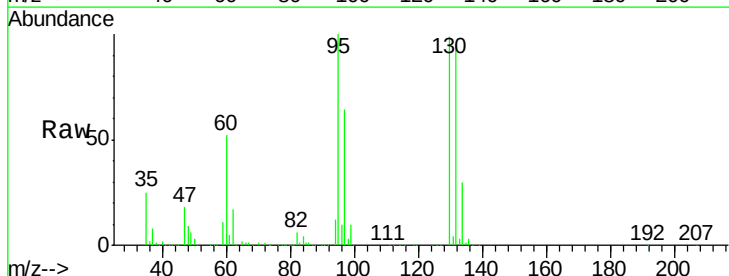
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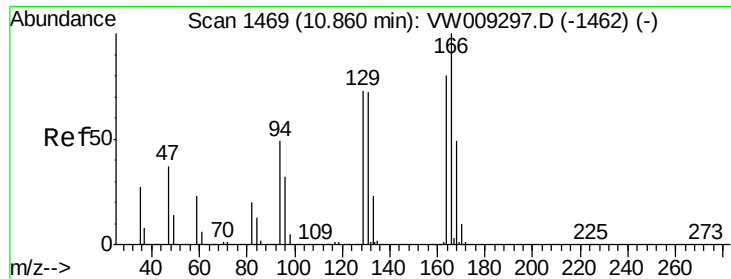


#35

Trichloroethene
Concen: 304.918 ug/L
RT: 9.09 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VW009314.D
Acq: 21 Mar 2019 04:33

Tgt Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.7	82.9
132	97.6	69.0	128.2
130	101.8	72.7	134.9





#47
Tetrachloroethene
Concen: 16.455 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW009314.D
Acq: 21 Mar 2019 04:33

Instrument :
MSVOA_W
ClientSampleId :
BF0C6

Tot Ion:	164	Resp:	71058
Ion Ratio	Lower	Upper	
164	100		
129	97.2	66.5	123.5
131	88.1	62.6	116.3
166	124.2	91.6	170.0

Manual Integrations
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