

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW033019\
 Data File : VW009587.D
 Acq On : 30 Mar 2019 13:48
 Operator : SY/VA
 Sample : K2128-21
 Misc : 5.40G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF101

Manual Integrations
 APPROVED

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 4/1/2019 4:02:08 AM

Quant Time: Mar 30 21:38:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 21:16:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	403017	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	390836	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	170200	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	122371	25.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.64%
7) Chloroethane-d5	2.89	69	124020	22.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.04%
10) 1,1-Dichloroethene-d2	4.01	63	189107	18.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.68%
20) 2-Butanone-d5	7.07	46	84279	42.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.62%
24) Chloroform-d	7.64	84	283576	25.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.12%
26) 1,2-Dichloroethane-d4	8.30	65	170425	25.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.88%
29) Benzene-d6	8.27	84	511050	23.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.84%
33) 1,2-Dichloropropane-d6	9.27	67	166678	25.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.00%
37) Toluene-d8	10.32	98	456998	22.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.72%
38) trans-1,3-Dichloropropene-	10.58	79	62730	19.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.16%
39) 2-Hexanone-d5	10.93	63	62220	39.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	142420	22.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	169195	25.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.68%

Target Compounds

					Qvalue
13) Acetone	4.12	43	8779	5.375 ug/L	90
16) Methylene chloride	4.90	84	13202m	2.246 ug/L	
22) cis-1,2-Dichloroethene	7.16	96	12376	2.190 ug/L	97
35) Trichloroethene	9.09	95	300828	52.775 ug/L	98
47) Tetrachloroethene	10.86	164	394112	81.828 ug/L	98

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

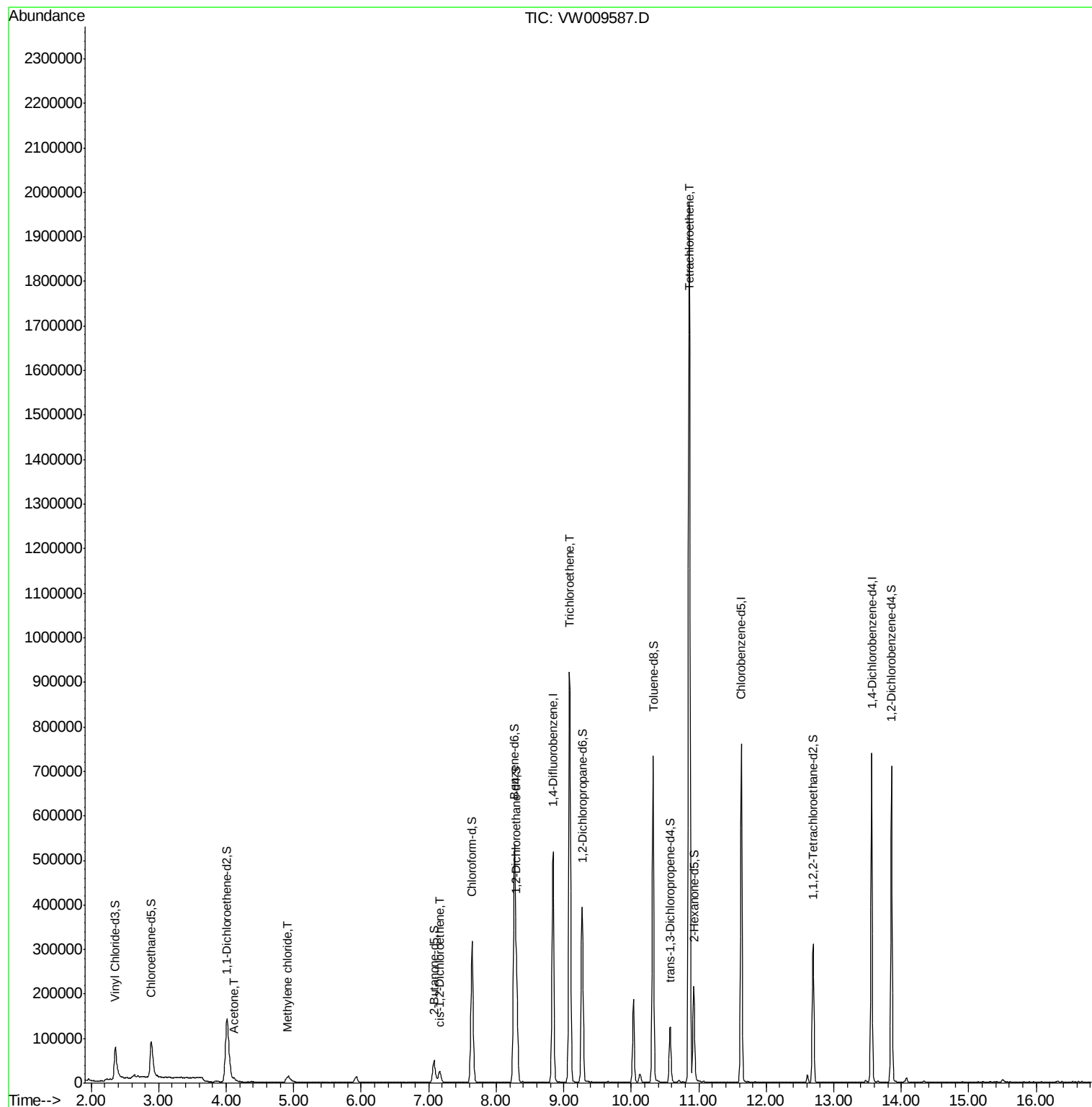
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW033019\
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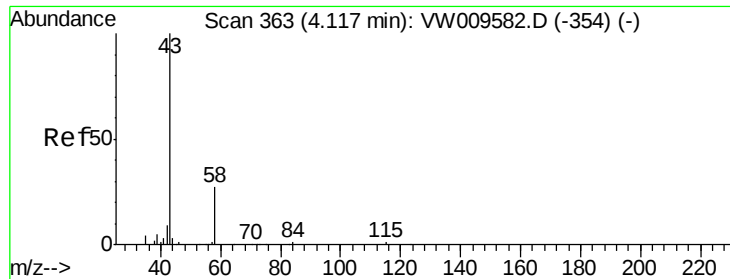
Instrument :
MSVOA_W
ClientSampleId :
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Quant Time: Mar 30 21:38:16 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 21:16:55 2019
Response via : Initial Calibration





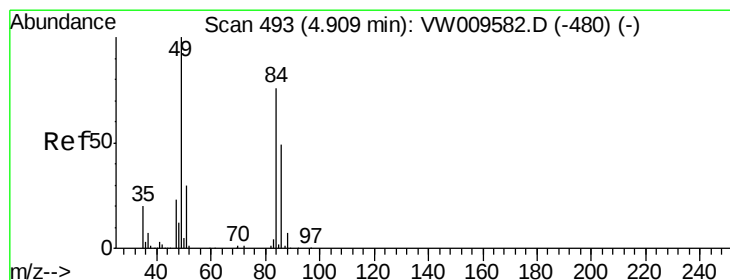
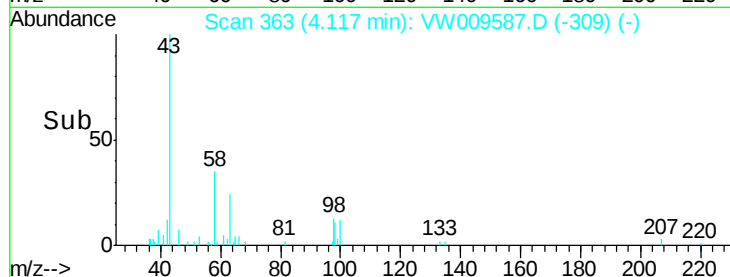
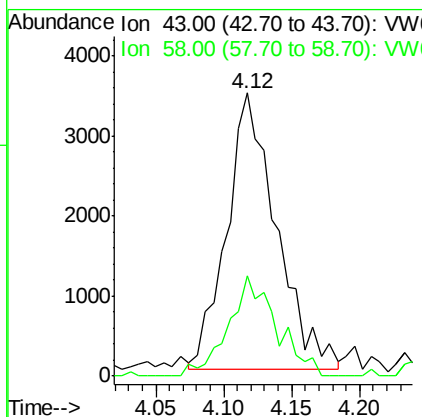
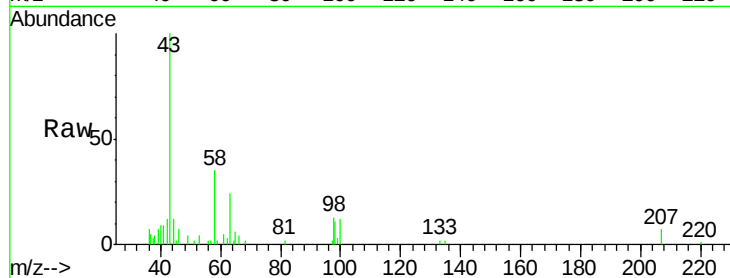
#13
Acetone
Concen: 5.375 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW009587.D
Acq: 30 Mar 2019 13:48

Instrument :
MSVOA_W
ClientSampleId :
BF101

Tgt Ion: 43 Resp: 8779
Ion Ratio Lower Upper
43 100
58 33.2 0.0 56.2

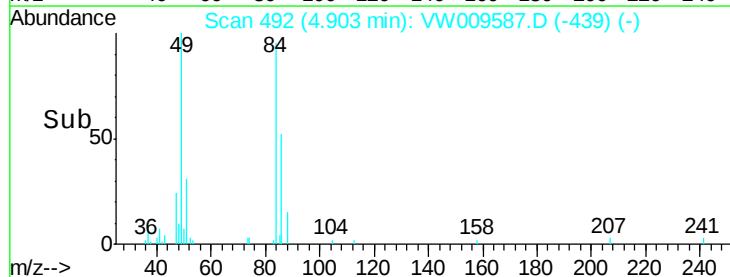
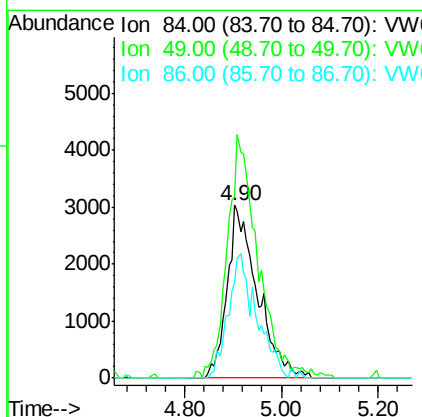
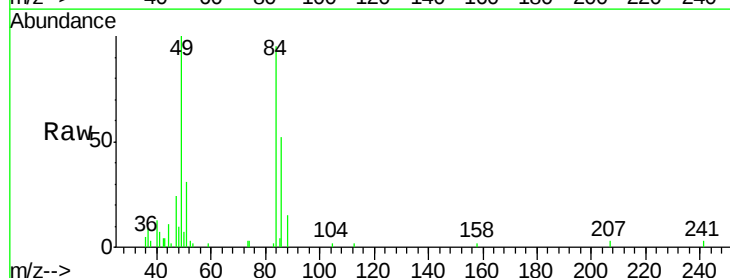
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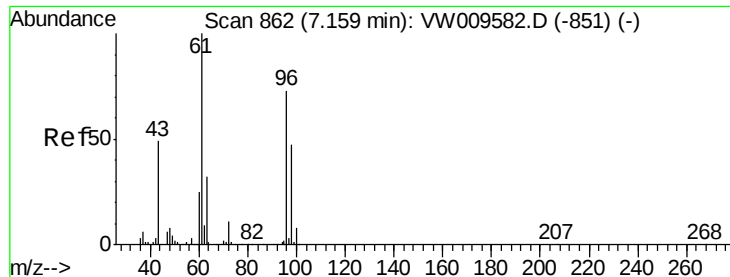
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#16
Methylene chloride
Concen: 2.246 ug/L m
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW009587.D
Acq: 30 Mar 2019 13:48

Tgt Ion: 84 Resp: 13202
Ion Ratio Lower Upper
84 100
49 105.0 96.0 178.2
86 55.1 44.4 82.5





#22

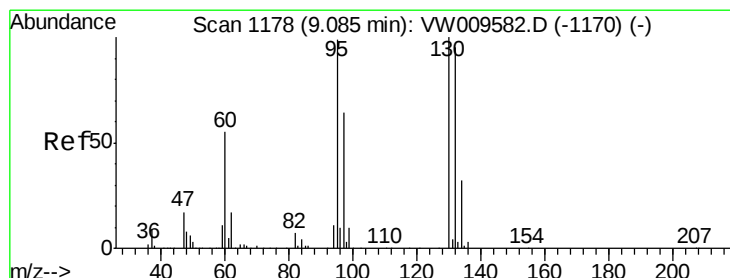
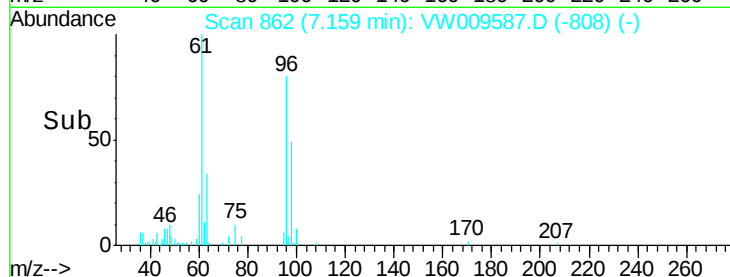
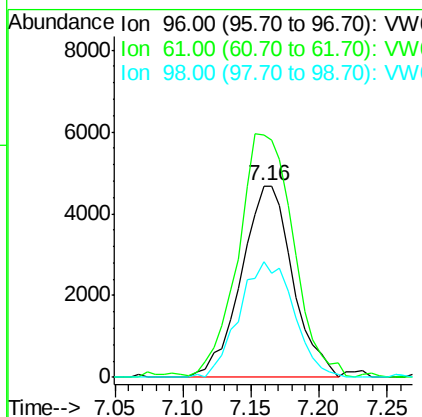
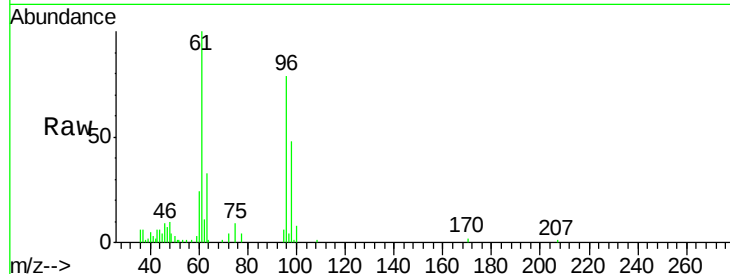
cis-1,2-Dichloroethene
Concen: 2.190 ug/L
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: VW009587.D
Acq: 30 Mar 2019 13:48

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
96	100	12376		
61	126.4	90.6	168.3	
98	60.5	44.0	81.8	

Manual Integrations
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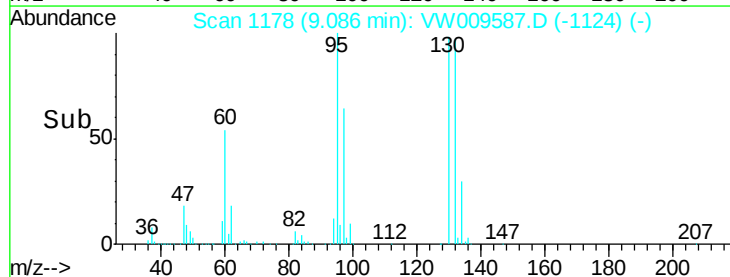
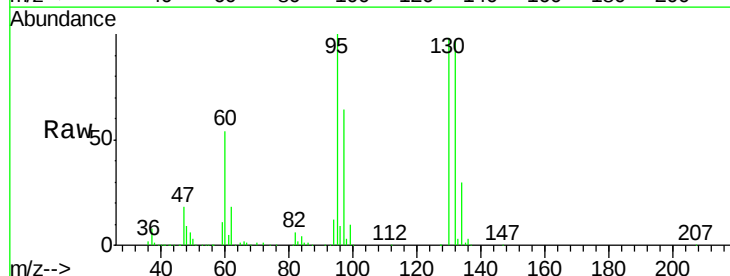
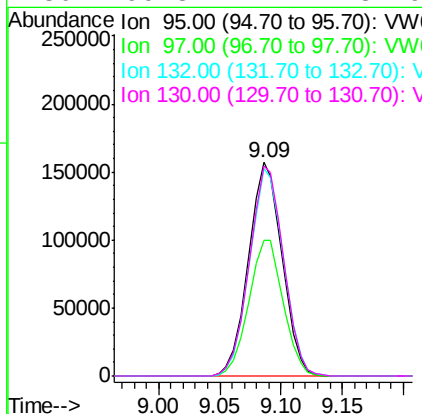
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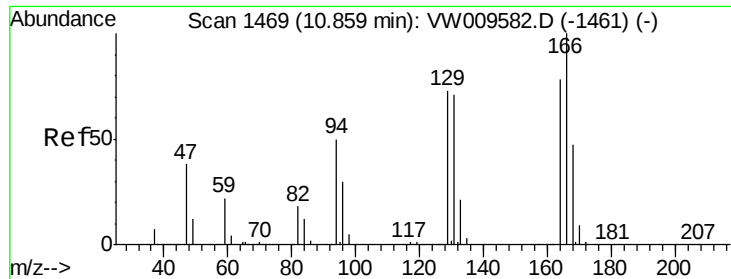


#35

Trichloroethene
Concen: 52.775 ug/L
RT: 9.09 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VW009587.D
Acq: 30 Mar 2019 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	300828		
97	64.9	44.7	82.9	
132	98.4	69.0	128.2	
130	99.8	72.7	134.9	





#47
Tetrachloroethene
Concen: 81.828 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009587.D
Acq: 30 Mar 2019 13:48

Instrument :
MSVOA_W
ClientSampleId :
BF101

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	394112		
129	94.6	66.5	123.5	
131	90.8	62.6	116.3	
166	125.4	91.6	170.0	

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