

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031419\
 Data File : VW009191.D
 Acq On : 15 Mar 2019 00:55
 Operator : SY/VA
 Sample : K1838-20
 Misc : 5.82G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF182

Manual Integrations
 APPROVED

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 3/15/2019 12:31:14 PM

Quant Time: Mar 15 08:32:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 06:53:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	355450	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	343535	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	163213	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	121817	28.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.72%
7) Chloroethane-d5	2.89	69	107099	21.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.20%
10) 1,1-Dichloroethene-d2	4.02	63	184610	20.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.44%
20) 2-Butanone-d5	7.07	46	80704	45.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.88%
24) Chloroform-d	7.65	84	219941	22.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.68%
26) 1,2-Dichloroethane-d4	8.31	65	133254	22.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.20%
29) Benzene-d6	8.27	84	433536	22.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.52%
33) 1,2-Dichloropropane-d6	9.27	67	128079	22.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.04%
37) Toluene-d8	10.32	98	392056	22.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.52%
38) trans-1,3-Dichloropropene-	10.57	79	57872	20.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.00%
39) 2-Hexanone-d5	10.92	63	65026	47.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122481	21.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	146433	23.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.60%

Target Compounds

					Ovalue
13) Acetone	4.13	43	4203	2.918 ug/L	81
16) Methylene chloride	4.92	84	16342m	3.153 ug/L	
22) cis-1,2-Dichloroethene	7.17	96	10331	2.072 ug/L	98
35) Trichloroethene	9.09	95	6930	1.383 ug/L	99
47) Tetrachloroethene	10.86	164	1128020	266.453 ug/L	97

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

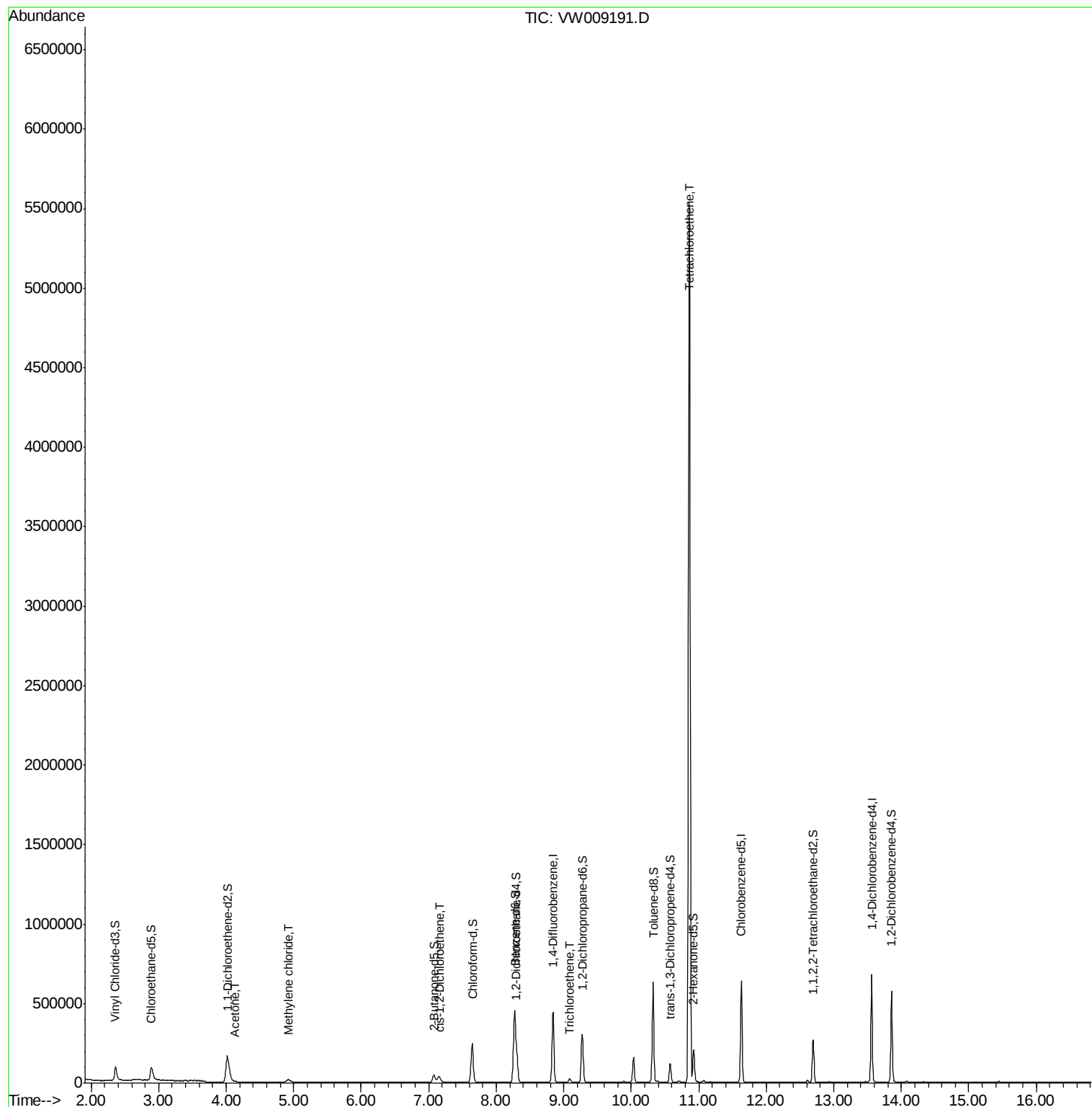
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW031419\
Data File : VW009191.D
Acq On : 15 Mar 2019 00:55
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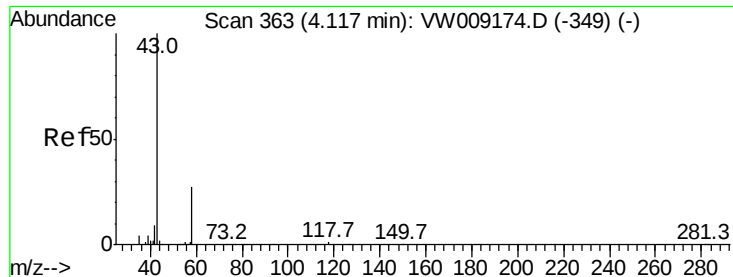
Instrument :
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Quant Time: Mar 15 08:32:02 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 06:53:55 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.918 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW009191.D

Acq: 15 Mar 2019 00:55

Instrument :

MSVOA_W

ClientSampleId :

BF182

Tot Ion: 43 Resp: 4203

Ion Ratio Lower Upper

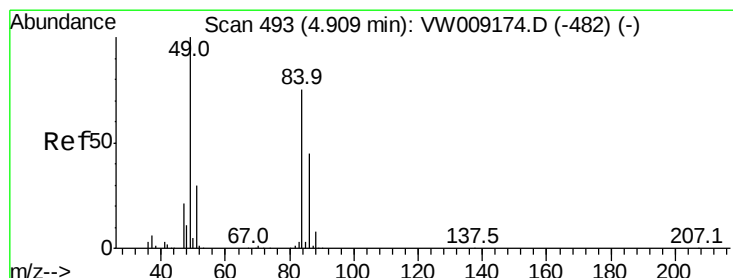
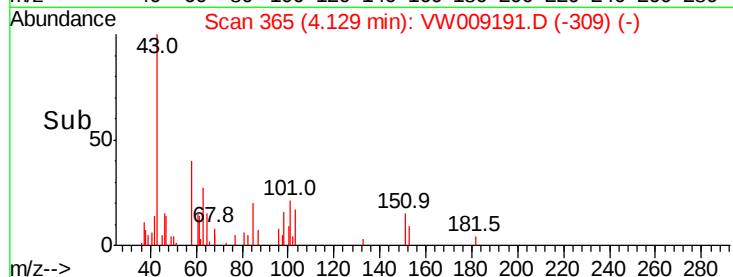
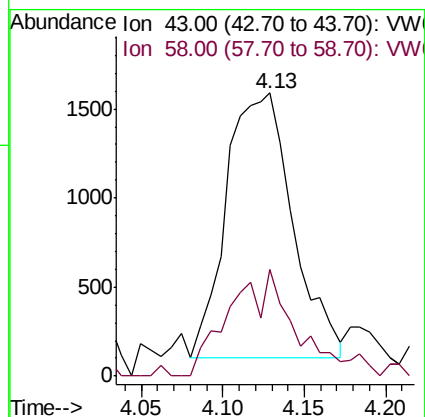
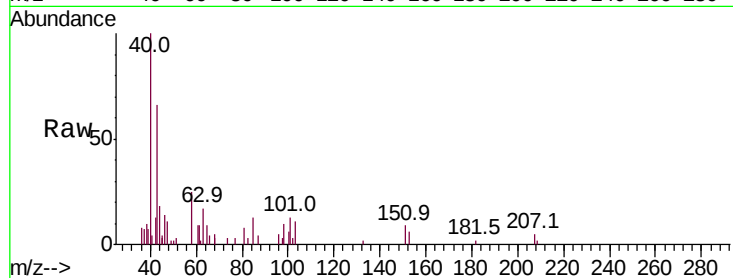
43 100

58 17.9 0.0 56.2

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#16

Methylene chloride

Concen: 3.153 ug/L m

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW009191.D

Acq: 15 Mar 2019 00:55

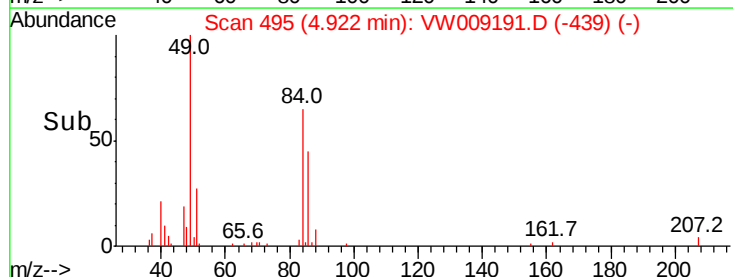
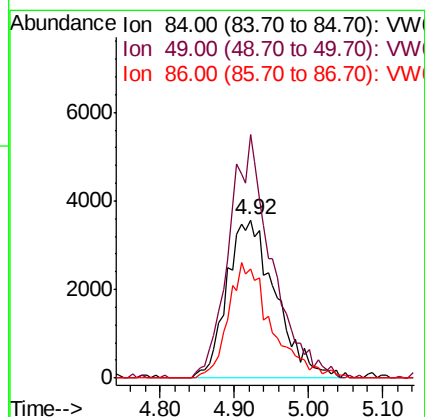
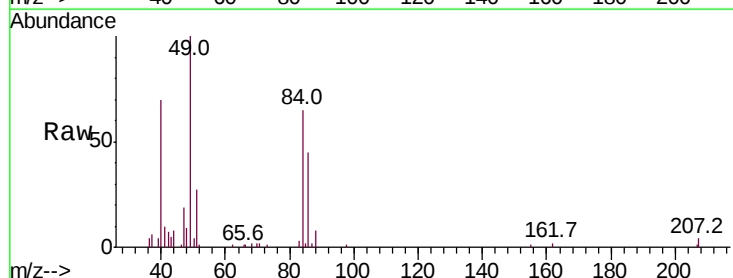
Tgt Ion: 84 Resp: 16342

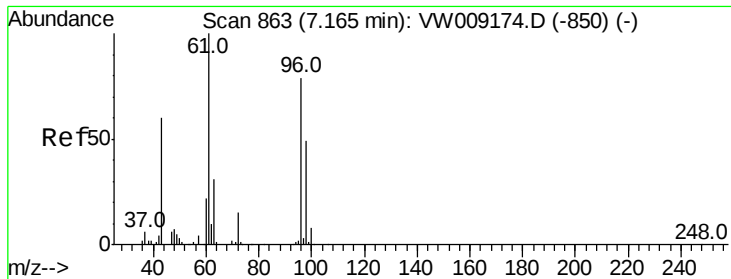
Ion Ratio Lower Upper

84 100

49 153.8 96.0 178.2

86 69.1 44.4 82.5





#22

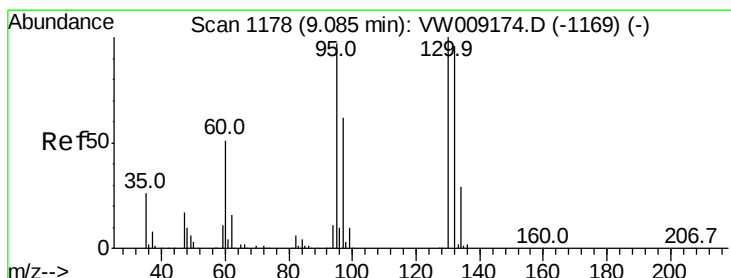
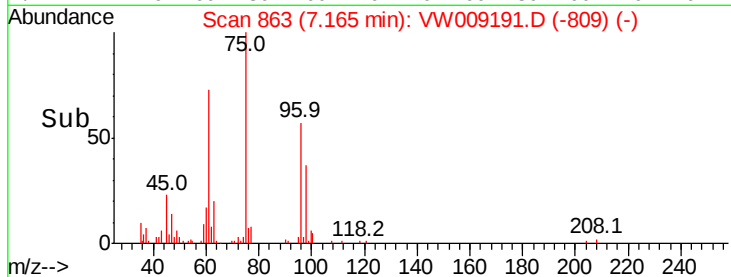
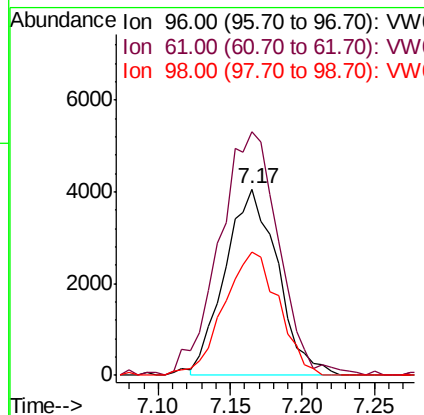
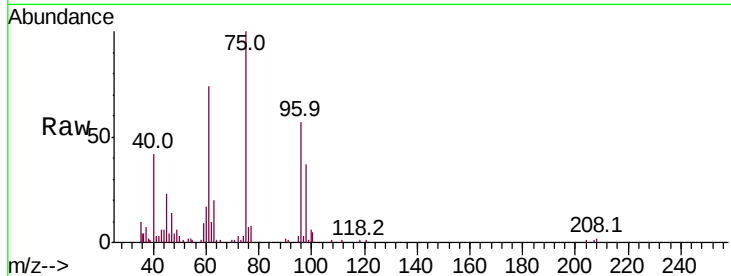
cis-1,2-Dichloroethene
Concen: 2.072 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW009191.D
Acq: 15 Mar 2019 00:55

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Tot Ion	Ratio	Lower	Upper
96	100		
61	130.9	90.6	168.3
98	66.2	44.0	81.8

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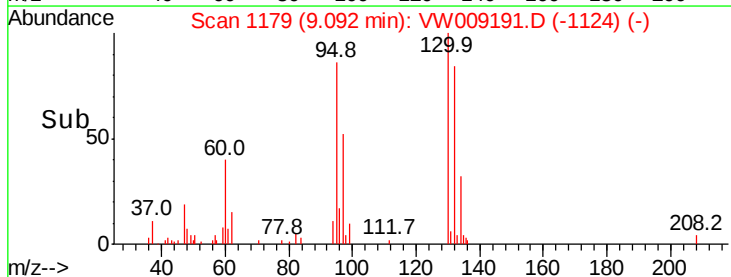
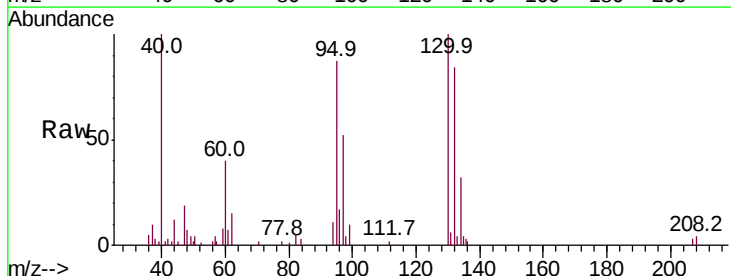
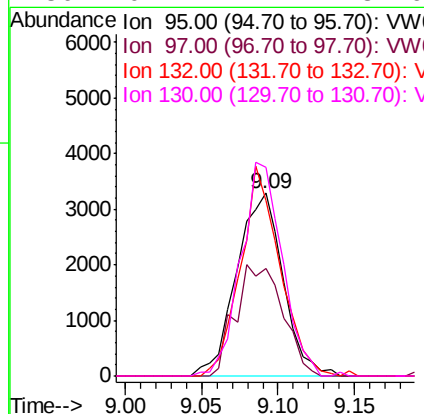
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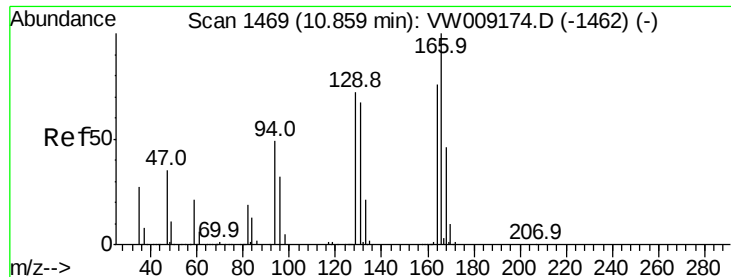


#35

Trichloroethene
Concen: 1.383 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VW009191.D
Acq: 15 Mar 2019 00:55

Tgt Ion	Ratio	Lower	Upper
95	100		
97	62.0	44.7	82.9
132	97.3	69.0	128.2
130	104.2	72.7	134.9





#47
 Tetrachloroethene
 Concen: 266.453 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VW009191.D
 Acq: 15 Mar 2019 00:55

Instrument :
 MSVOA_W
 ClientSampleId :
 BF182

Tot Ion:	164	Resp:	1128020
Ion	Ratio	Lower	Upper
164	100		
129	93.3	66.5	123.5
131	88.4	62.6	116.3
166	125.8	91.6	170.0

Manual Integrations
 APPROVED

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 3/15/2019 12:31:14 PM

