

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
 Data File : VW013878.D
 Acq On : 01 Nov 2019 03:52
 Operator : SY/VA
 Sample : K5552-11
 Misc : 4.72G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQC4

Manual Integrations
 APPROVED

MMDadoda
 11/1/2019 12:06:04 PM

Quant Time: Nov 01 06:05:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 01 05:55:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	327427	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	315305	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	154628	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	137941	27.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.68%
7) Chloroethane-d5	2.89	69	112736	28.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.64%
10) 1,1-Dichloroethene-d2	4.03	63	204367	20.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.96%
20) 2-Butanone-d5	7.07	46	78039	44.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.10%
24) Chloroform-d	7.65	84	281859	28.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.52%
26) 1,2-Dichloroethane-d4	8.31	65	154369	28.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.32%
29) Benzene-d6	8.27	84	603922	29.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.24%
33) 1,2-Dichloropropane-d6	9.27	67	184790	30.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.72%#
37) Toluene-d8	10.32	98	552318	28.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.08%
38) trans-1,3-Dichloropropene-	10.58	79	73711	26.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.28%
39) 2-Hexanone-d5	10.93	63	68553	48.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	139978	25.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	171371	28.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.12%

Target Compounds

					Qvalue
13) Acetone	4.12	43	20615	12.574 ug/L	98
16) Methylene chloride	4.92	84	14250m	2.226 ug/L	
22) cis-1,2-Dichloroethene	7.17	96	4499	0.740 ug/L	96
35) Trichloroethene	9.09	95	10053	1.742 ug/L	96
47) Tetrachloroethene	10.86	164	53143	10.254 ug/L	98

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

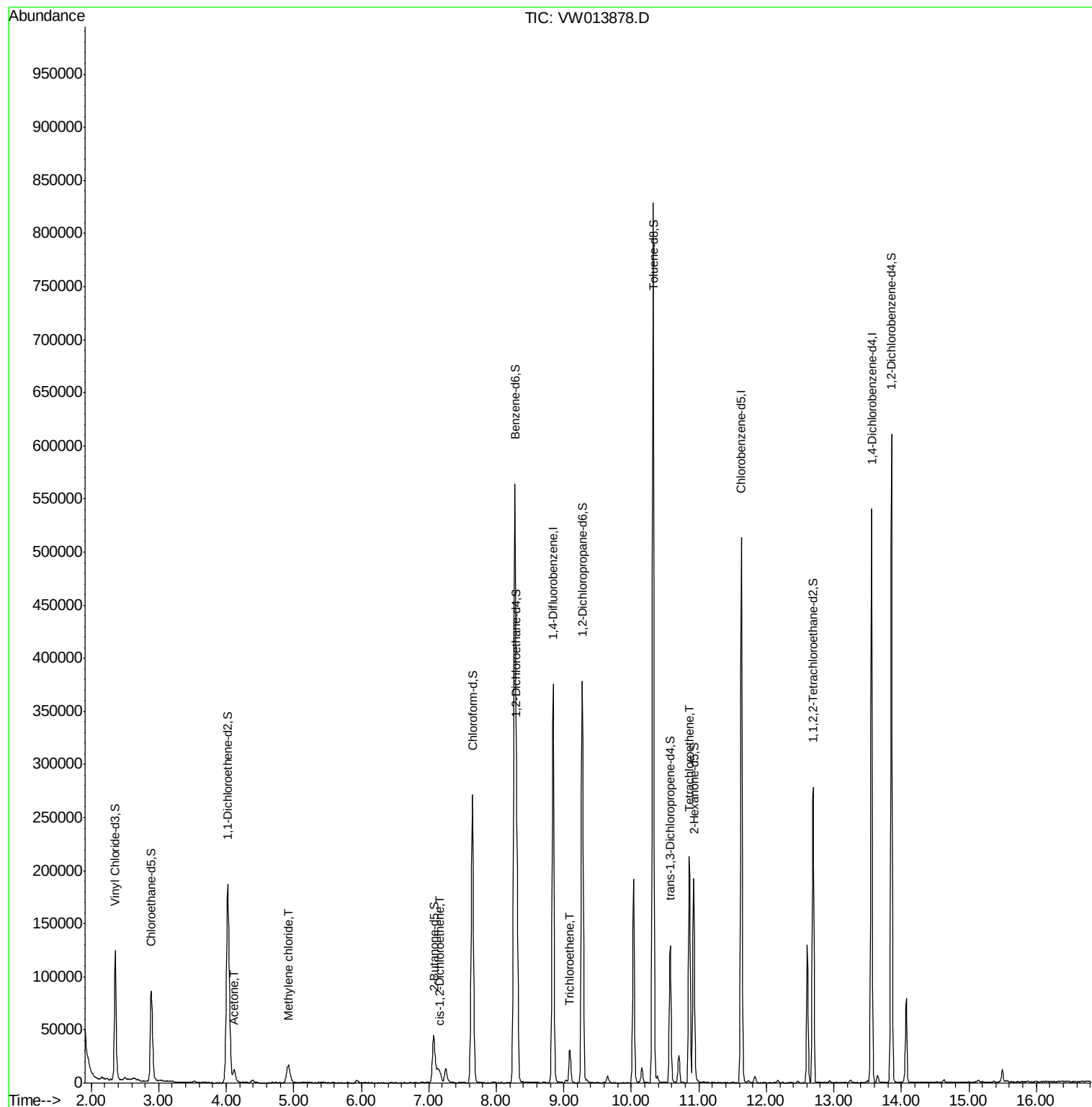
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
Data File : VW013878.D
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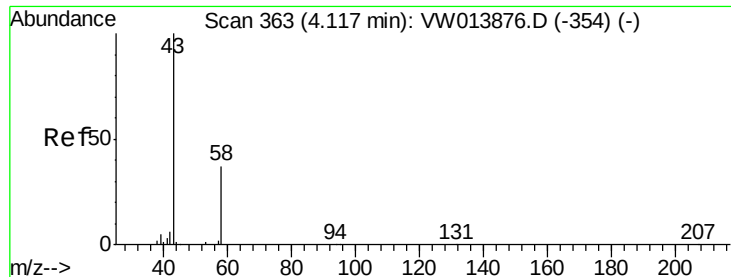
Instrument :
MSVOA_W
ClientSampleId :
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Quant Time: Nov 01 06:05:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 01 05:55:58 2019
Response via : Initial Calibration





#13

Acetone

Concen: 12.574 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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Acq: 01 Nov 2019 03:52

Instrument :

MSVOA_W

ClientSampleId :

GAQC4

Tgt Ion: 43 Resp: 20615

Ion Ratio Lower Upper

43 100

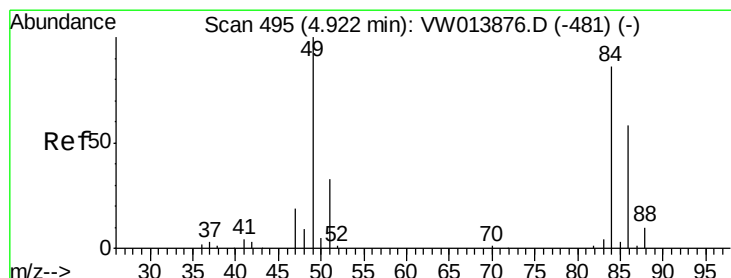
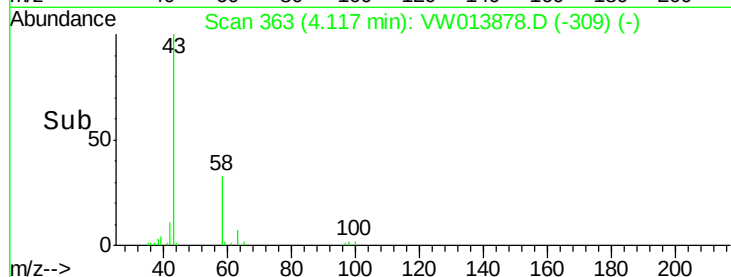
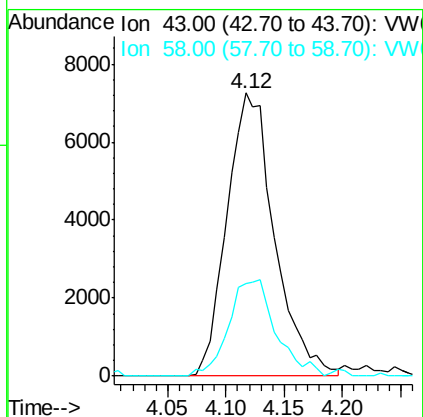
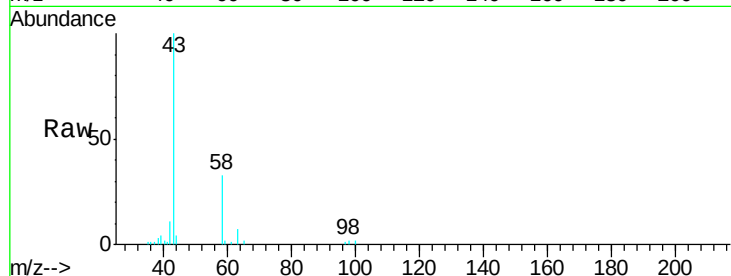
58 32.6 0.0 63.4

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#16

Methylene chloride

Concen: 2.226 ug/L m

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

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Acq: 01 Nov 2019 03:52

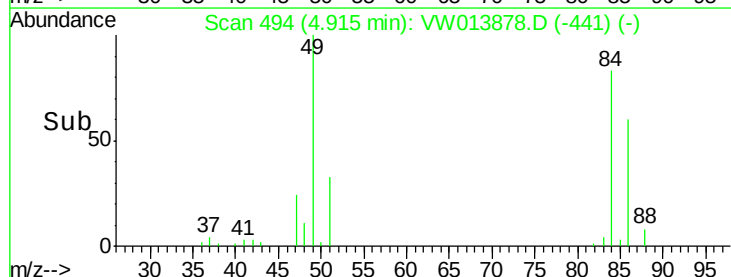
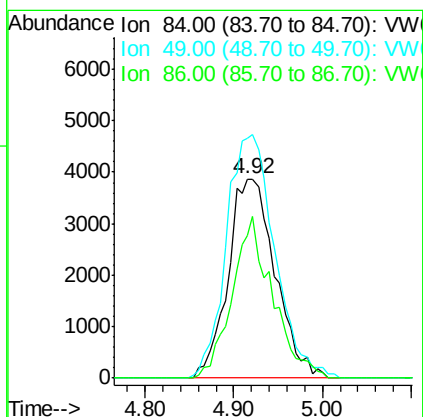
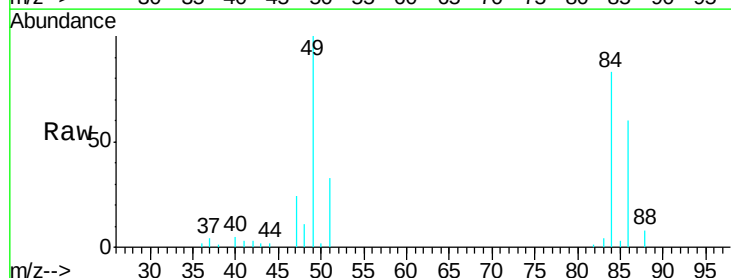
Tgt Ion: 84 Resp: 14250

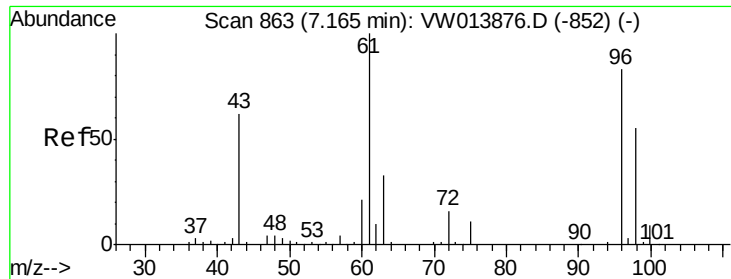
Ion Ratio Lower Upper

84 100

49 120.5 82.2 152.6

86 71.7 45.6 84.8





#22

cis-1,2-Dichloroethene

Concen: 0.740 ug/L

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

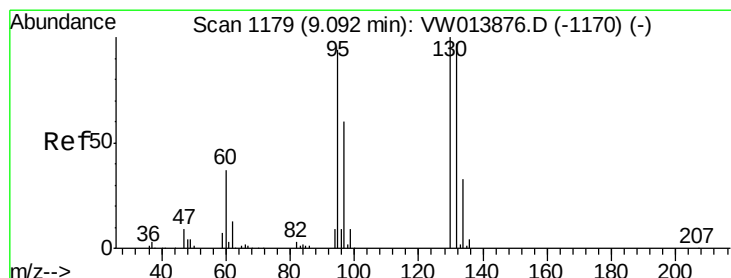
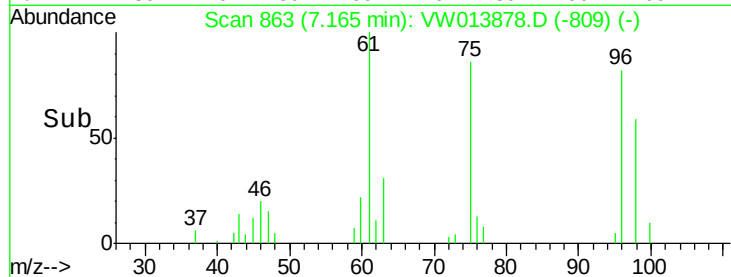
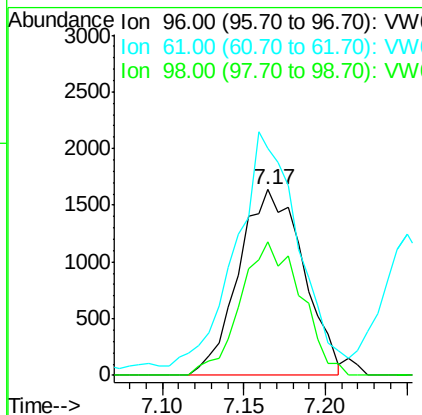
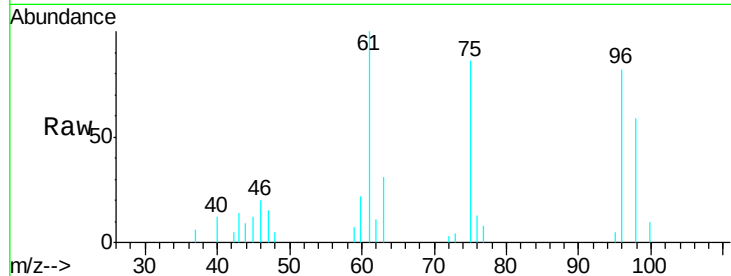
ClientSampleId :

GAQC4

Tgt Ion:	96	Resp:	4499
Ion	Ratio	Lower	Upper
96	100		
61	122.3	86.6	160.8
98	71.9	44.5	82.7

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#35

Trichloroethene

Concen: 1.742 ug/L

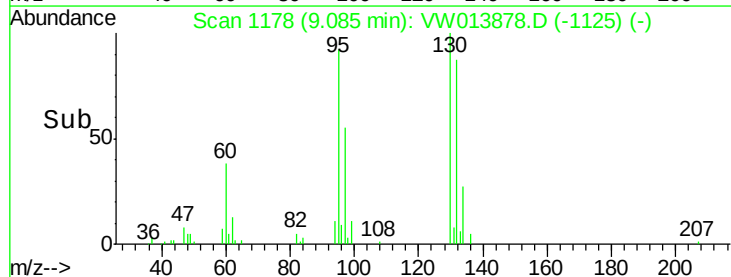
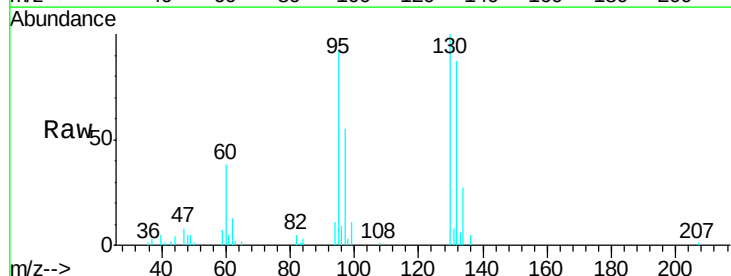
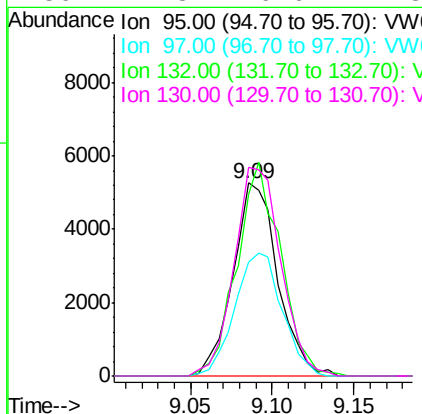
RT: 9.09 min Scan# 1178

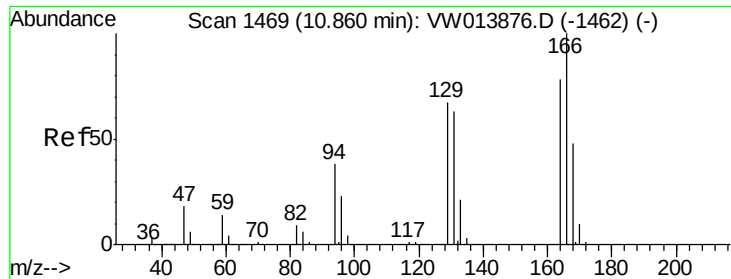
Delta R.T. -0.01 min

Lab File: VW013878.D

Acq: 01 Nov 2019 03:52

Tgt Ion:	95	Resp:	10053
Ion	Ratio	Lower	Upper
95	100		
97	67.3	45.0	83.6
132	108.1	72.4	134.4
130	112.8	76.6	142.3





#47
Tetrachloroethene
Concen: 10.254 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
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Tgt Ion:	164	Resp:	53143
Ion Ratio	Lower	Upper	
164	100		
129	89.5	62.5	116.1
131	84.7	59.8	111.0
166	125.6	91.6	170.0

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