

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW040819\
 Data File : VW009822.D
 Acq On : 09 Apr 2019 01:25
 Operator : SY/VA
 Sample : K2217-19RE
 Misc : 4.85G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF609RE

Manual Integrations
 APPROVED

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 4/11/2019 2:03:20 PM

Quant Time: Apr 18 04:49:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 02:37:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	180923	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	84305	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	9147	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	68346	28.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.48%
7) Chloroethane-d5	2.89	69	72730	33.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	134.12%
10) 1,1-Dichloroethene-d2	4.01	63	121015	23.77	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.08%
20) 2-Butanone-d5	7.08	46	84710	110.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	220.40%#
24) Chloroform-d	7.65	84	213202	43.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	172.76%#
26) 1,2-Dichloroethane-d4	8.30	65	104033	34.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	137.28%#
29) Benzene-d6	8.27	84	328039	74.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	296.48%#
33) 1,2-Dichloropropane-d6	9.27	67	122883	89.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	359.60%#
37) Toluene-d8	10.32	98	165061	40.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	161.36%#
38) trans-1,3-Dichloropropene-	10.58	79	10689	16.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.60%
39) 2-Hexanone-d5	10.93	63	27280	105.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	211.76%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	95977	75.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	302.08%#
61) 1,2-Dichlorobenzene-d4	13.86	152	15324	47.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	190.96%#

Target Compounds					Ovalue
13) Acetone	4.12	43	9336	11.335 ug/L	83
16) Methylene chloride	4.91	84	18750m	5.876 ug/L	
35) Trichloroethene	9.09	95	805	0.606 ug/L #	85

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

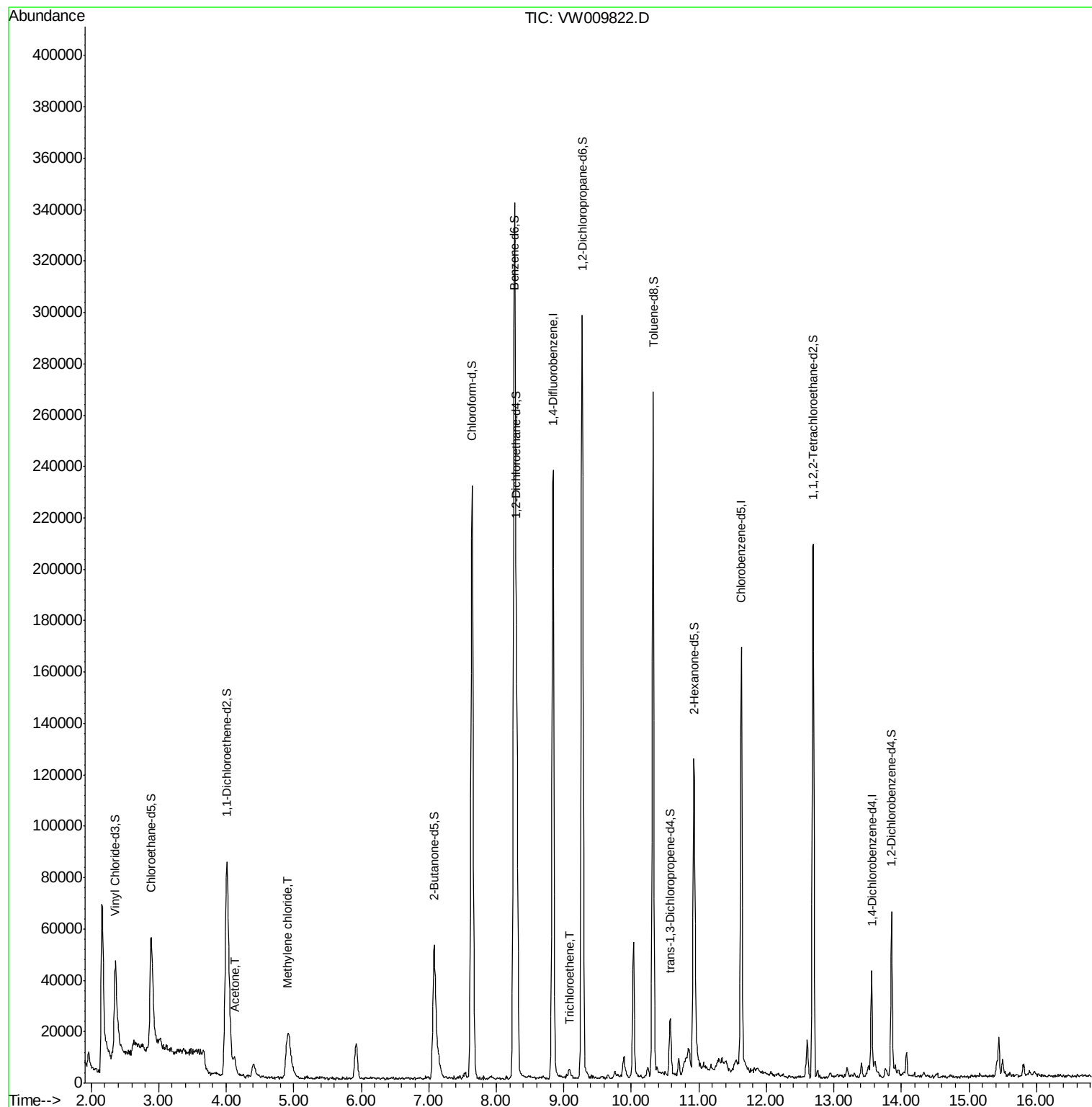
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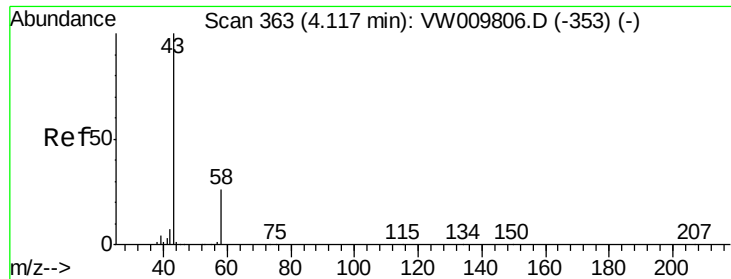
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#13

Acetone

Concen: 11.335 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009822.D

Acq: 09 Apr 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

BF609RE

Tot Ion: 43 Resp: 9336

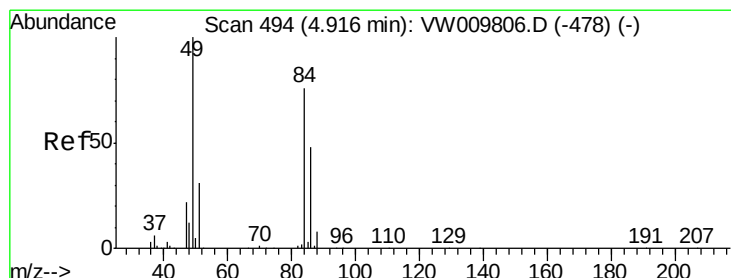
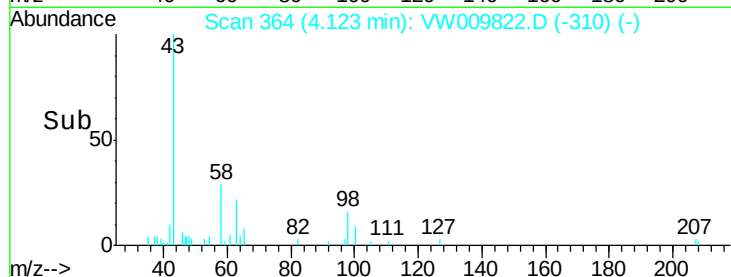
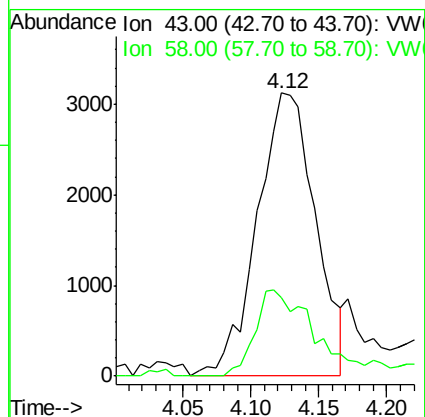
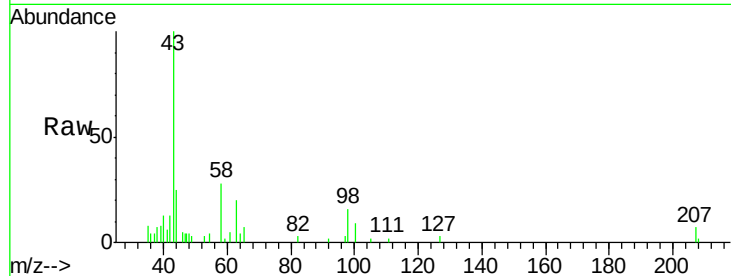
Ion Ratio Lower Upper

43 100

58 17.8 0.0 53.0

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#16

Methylene chloride

Concen: 5.876 ug/L m

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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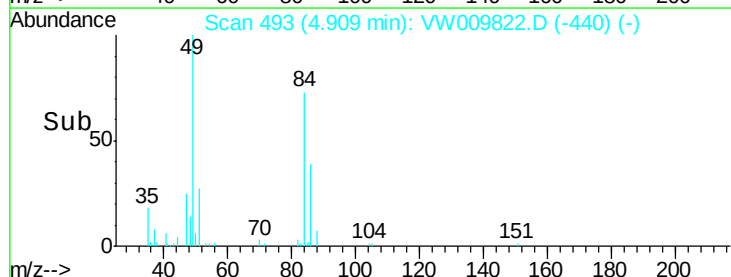
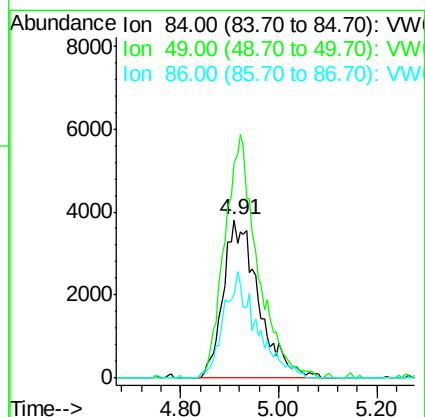
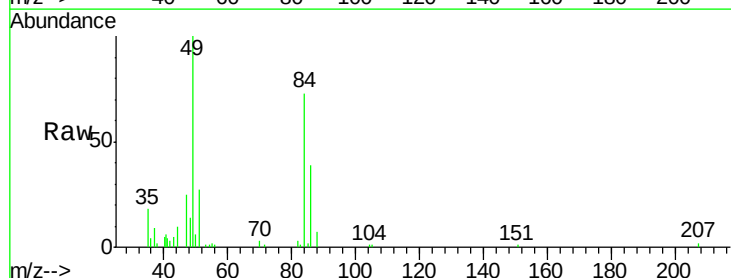
Tgt Ion: 84 Resp: 18750

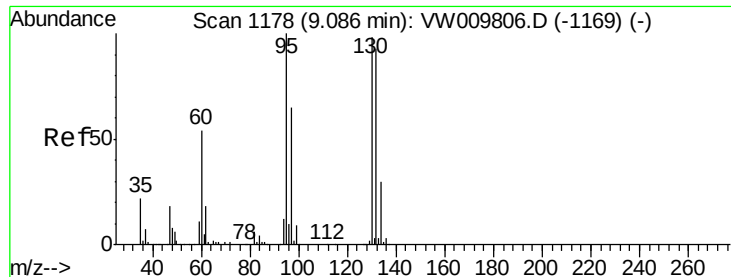
Ion Ratio Lower Upper

84 100

49 136.3 98.3 182.5

86 52.8 46.4 86.2





#35
 Trichloroethene
 Concen: 0.606 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. 0.00 min
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100				
97	41.1	44.9	83.5#		
132	81.6	67.1	124.7		
130	93.8	69.2	128.6		

Manual Integrations
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