

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121719\
 Data File : VW014406.D
 Acq On : 17 Dec 2019 21:49
 Operator : SY/VA
 Sample : K6278-20
 Misc : 5.34G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0C84

Quant Time: Dec 18 03:44:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 18 03:31:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	900577	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	672867	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	148798	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	271771	19.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.72%
7) Chloroethane-d5	2.89	69	235526	23.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.92%
10) 1,1-Dichloroethene-d2	4.01	63	374348	15.54	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.16%
20) 2-Butanone-d5	7.07	46	120767	33.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.96%
24) Chloroform-d	7.65	84	589310	25.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	8.30	65	304378	25.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.28%
29) Benzene-d6	8.27	84	1148993	29.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.56%
33) 1,2-Dichloropropane-d6	9.27	67	386951	31.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.56%#
37) Toluene-d8	10.32	98	899599	25.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.92%
38) trans-1,3-Dichloropropene-	10.57	79	97039	19.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.24%
39) 2-Hexanone-d5	10.92	63	89236	36.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	257920	26.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	164889	29.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.00%

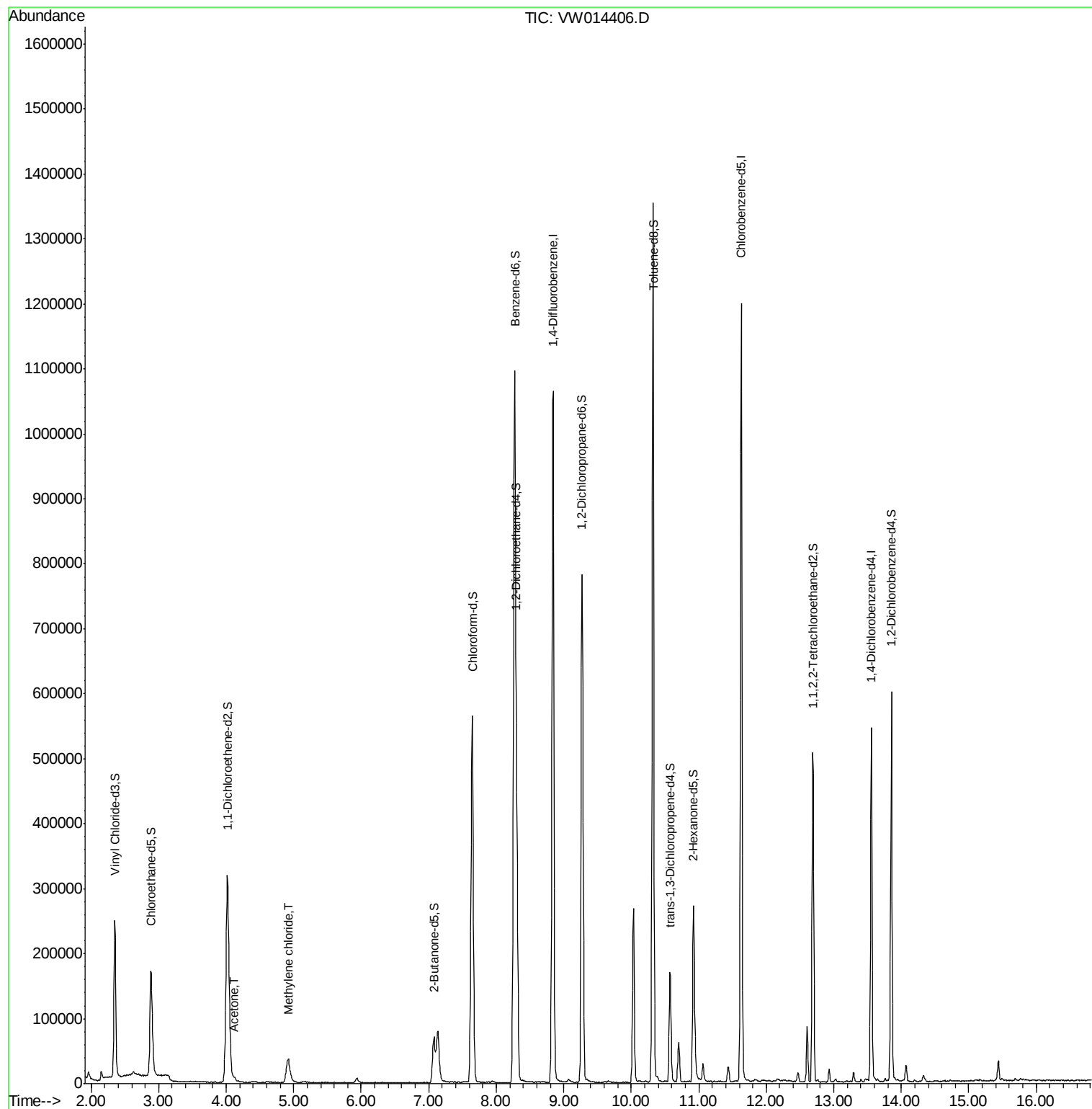
Target Compounds					Ovalue
13) Acetone	4.12	43	9036	2.637 ug/L	93
16) Methylene chloride	4.92	84	33119	2.399 ug/L	93

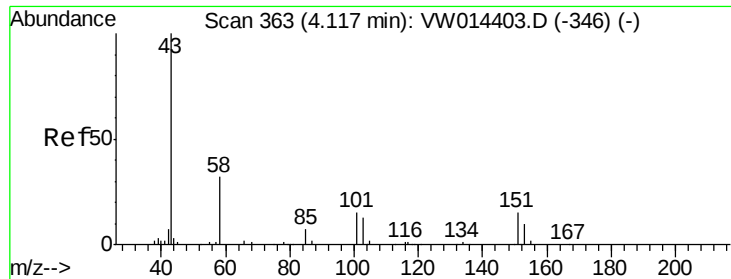
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.637 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampled :

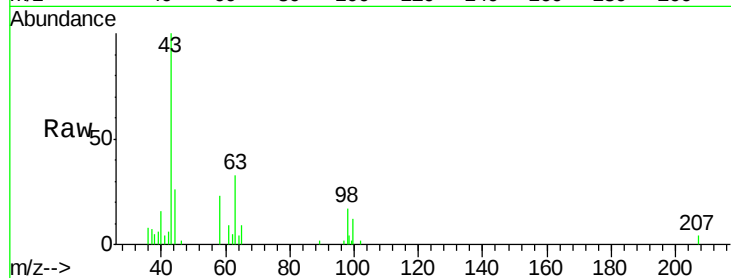
C0C84

Tot Ion: 43 Resp: 9036

Ion Ratio Lower Upper

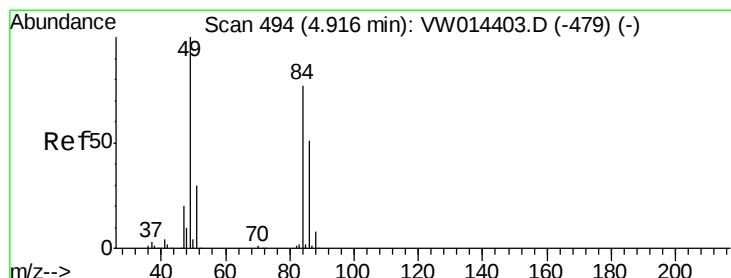
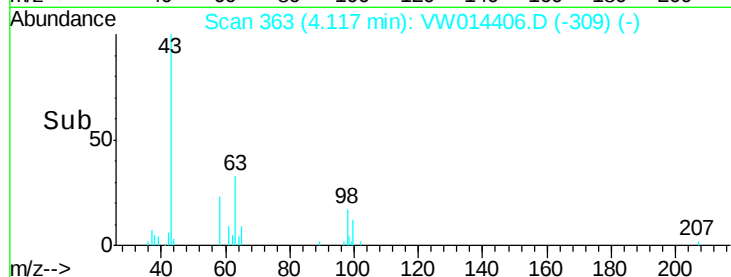
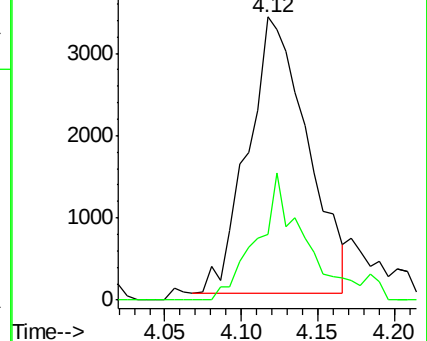
43 100

58 36.7 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.399 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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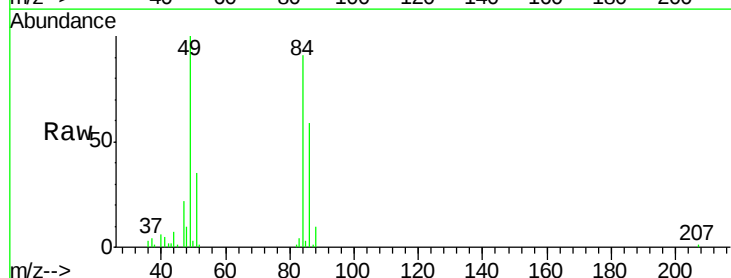
Tgt Ion: 84 Resp: 33119

Ion Ratio Lower Upper

84 100

49 109.5 84.2 156.4

86 64.3 43.7 81.1



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

