

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111320\
 Data File : VW017216.D
 Acq On : 13 Nov 2020 16:36
 Operator : SY/VA
 Sample : L4710-22
 Misc : 4.21G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AY7

Quant Time: Nov 17 05:16:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 16 11:48:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	418793	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	346633	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	115423	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	104927	19.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.56%
7) Chloroethane-d5	2.89	69	91175	22.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.72%
10) 1,1-Dichloroethene-d2	4.02	63	151876	16.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.40%
20) 2-Butanone-d5	7.08	46	26395	22.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	44.76%
24) Chloroform-d	7.65	84	224044	22.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.68%
26) 1,2-Dichloroethane-d4	8.31	65	111120	22.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.44%
29) Benzene-d6	8.28	84	433115	24.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.16%
33) 1,2-Dichloropropane-d6	9.27	67	119812	24.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.16%
37) Toluene-d8	10.33	98	396548	23.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.28%
38) trans-1,3-Dichloropropene-	10.58	79	36995	16.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.24%
39) 2-Hexanone-d5	10.93	63	20392	23.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	78404	18.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	89554	22.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.08%

Target Compounds

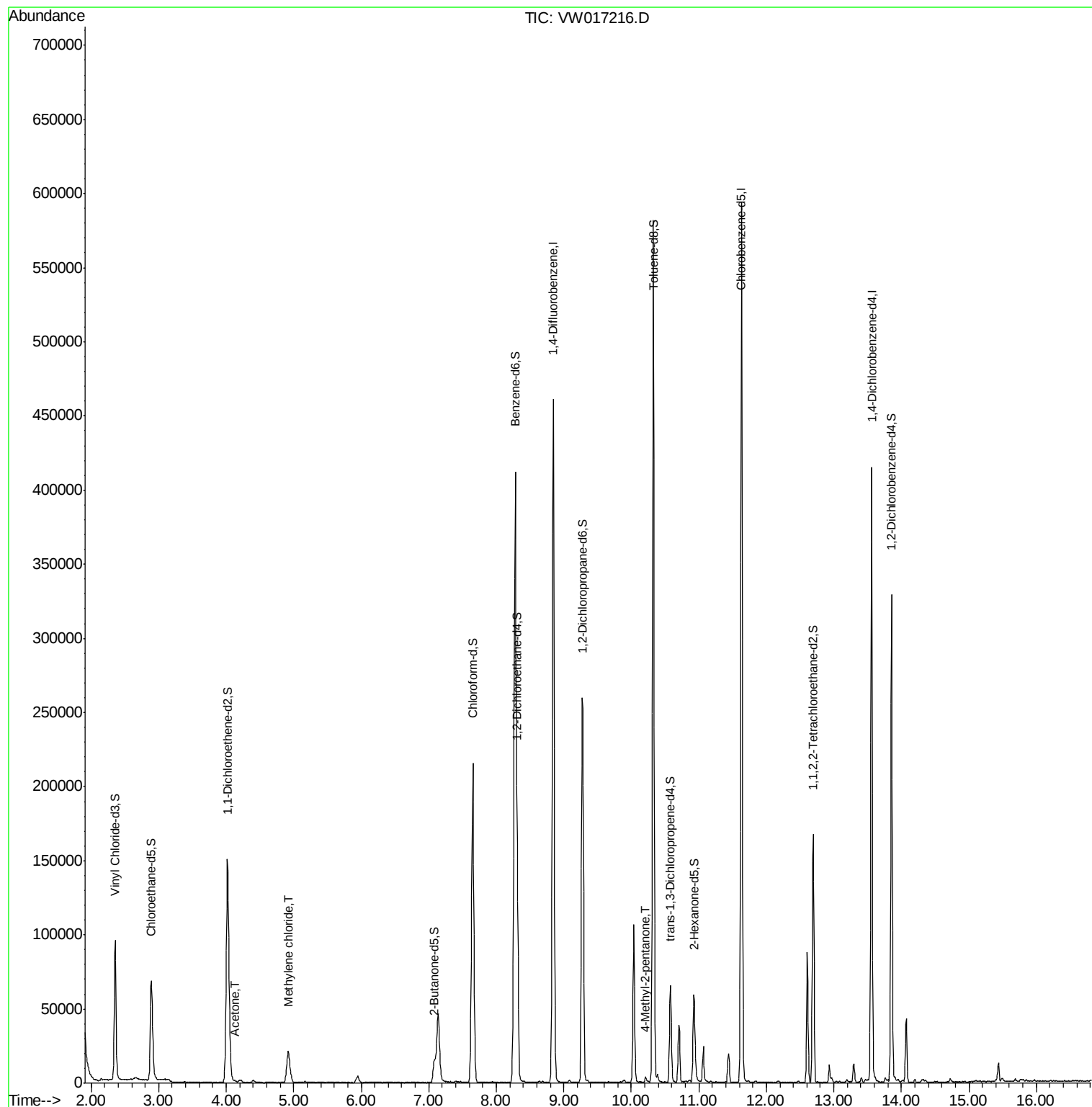
					Ovalue
13) Acetone	4.13	43	1515	1.918 ug/L	65
16) Methylene chloride	4.92	84	18980	3.362 ug/L	92
43) 4-Methyl-2-pentanone	10.21	43	2469	0.941 ug/L #	90

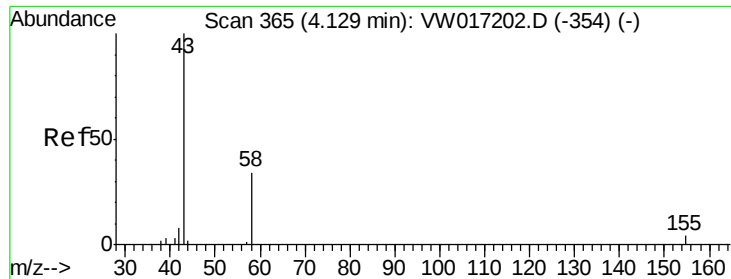
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.918 ug/L

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

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Acq: 13 Nov 2020 16:36

Instrument :

MSVOA_W

ClientSampleId :

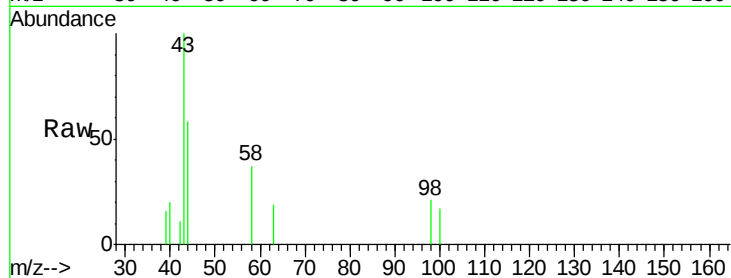
C0AY7

Tot Ion: 43 Resp: 1515

Ion Ratio Lower Upper

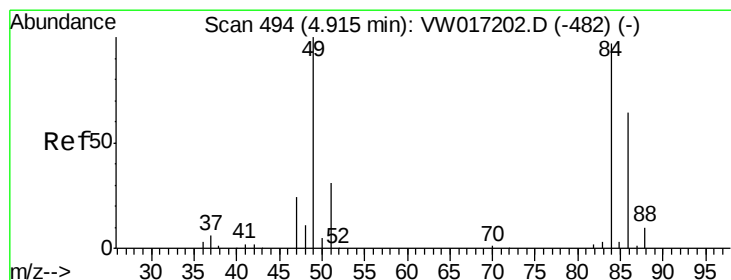
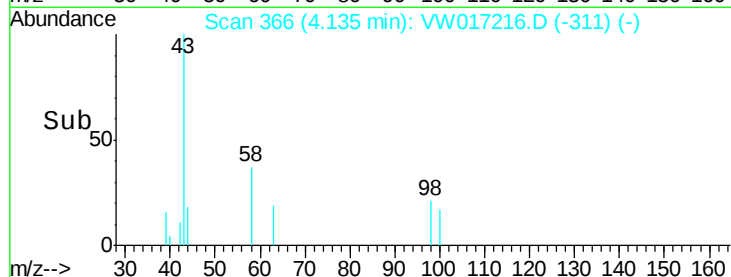
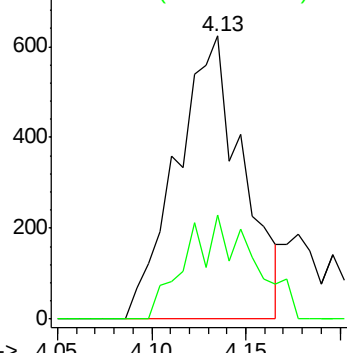
43 100

58 14.2 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 3.362 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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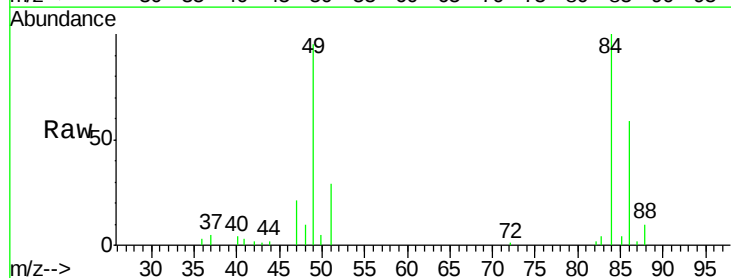
Tgt Ion: 84 Resp: 18980

Ion Ratio Lower Upper

84 100

49 94.6 72.3 134.3

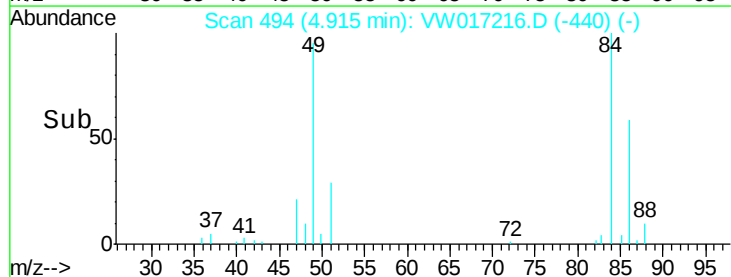
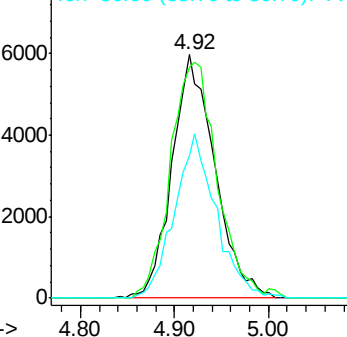
86 58.7 45.1 83.7

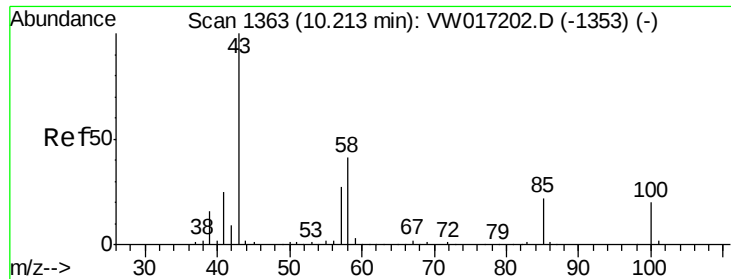


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#43

4-Methyl-2-pentanone

Concen: 0.941 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

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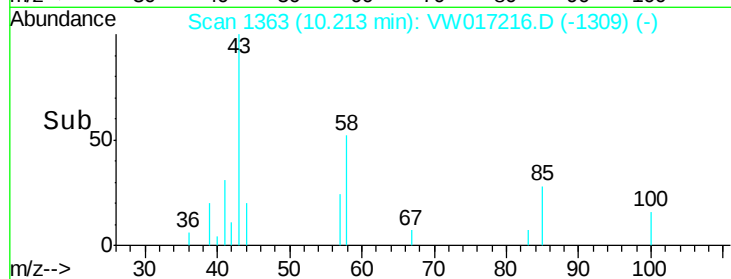
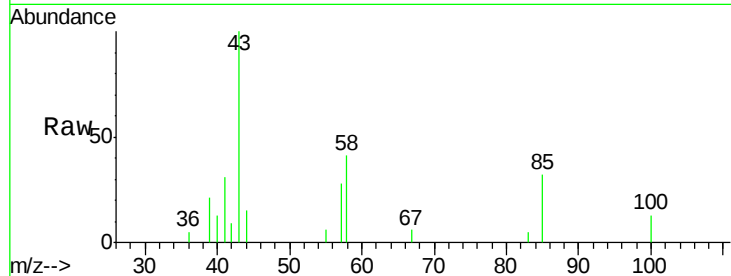
Tot Ion: 43 Resp: 2469

Ion Ratio Lower Upper

43 100

58 40.9 35.0 52.6

100 11.0 16.6 24.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW

