

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112020\
 Data File : VW017438.D
 Acq On : 21 Nov 2020 00:12
 Operator : SY/VA
 Sample : L4819-17
 Misc : 4.59G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BB5

Quant Time: Nov 21 03:35:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 21 02:27:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	301750	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	190288	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	33890	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	97339	21.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.16%
7) Chloroethane-d5	2.89	69	88054	24.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.24%
10) 1,1-Dichloroethene-d2	4.01	63	127154	16.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.08%
20) 2-Butanone-d5	7.08	46	31422	42.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.66%
24) Chloroform-d	7.65	84	194590	24.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	8.31	65	108313	28.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.12%
29) Benzene-d6	8.27	84	365385	34.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	136.24%#
33) 1,2-Dichloropropane-d6	9.27	67	107047	37.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	149.84%#
37) Toluene-d8	10.32	98	289476	28.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	114.64%
38) trans-1,3-Dichloropropene-	10.58	79	36847	29.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	118.44%
39) 2-Hexanone-d5	10.93	63	24746	64.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	72536	33.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	133.96%#
61) 1,2-Dichlorobenzene-d4	13.85	152	33871	27.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.28%

Target Compounds

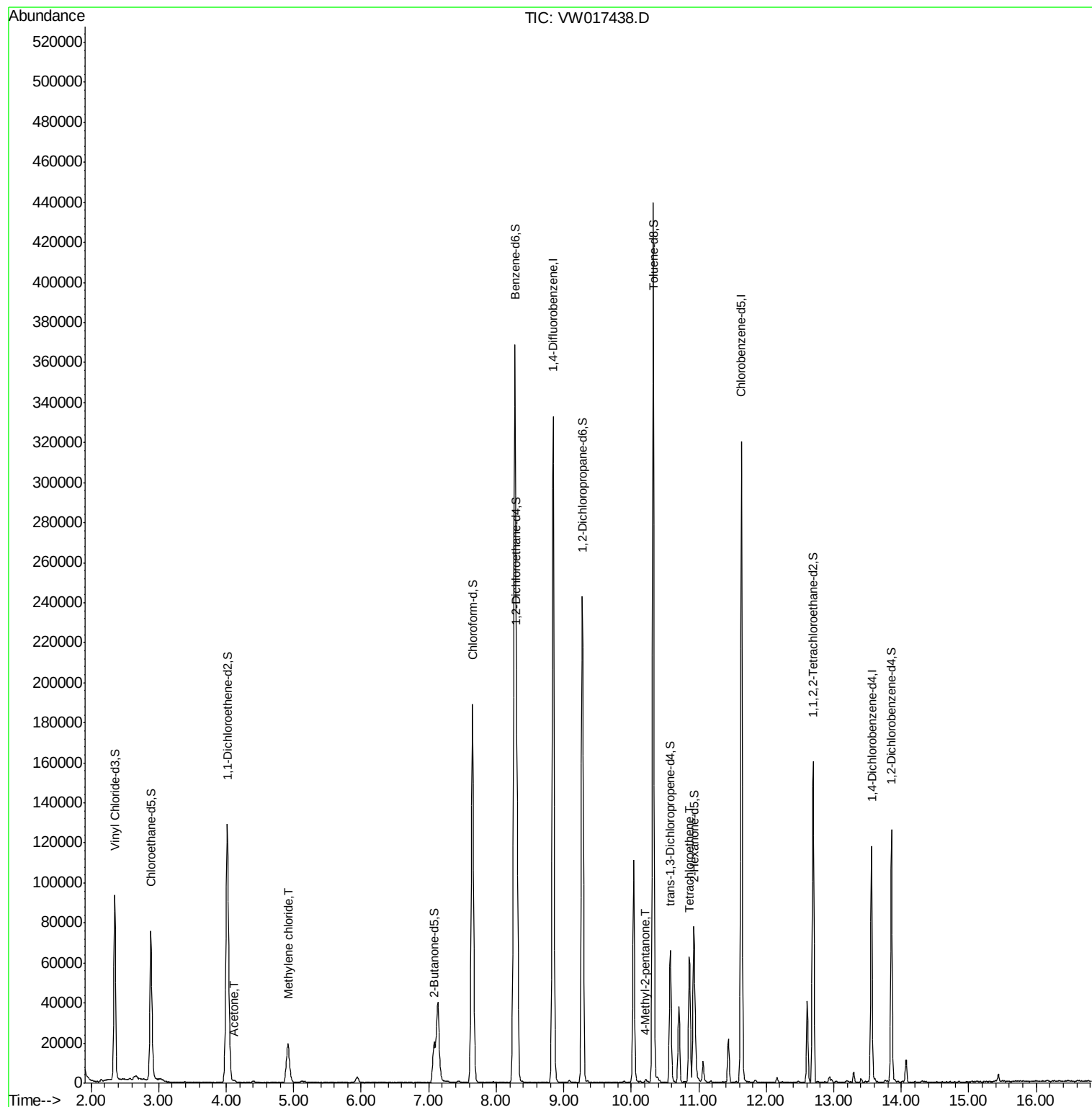
					Ovalue
13) Acetone	4.12	43	1398	2.612 ug/L	59
16) Methylene chloride	4.92	84	16592	3.215 ug/L	93
43) 4-Methyl-2-pentanone	10.21	43	1244	1.031 ug/L #	83
47) Tetrachloroethene	10.87	164	14655	5.316 ug/L	95

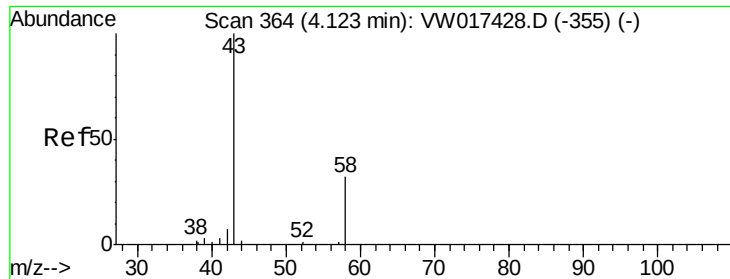
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 21 02:27:17 2020
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#13

Acetone

Concen: 2.612 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW017438.D

Acq: 21 Nov 2020 00:12

Instrument :

MSVOA_W

ClientSampled :

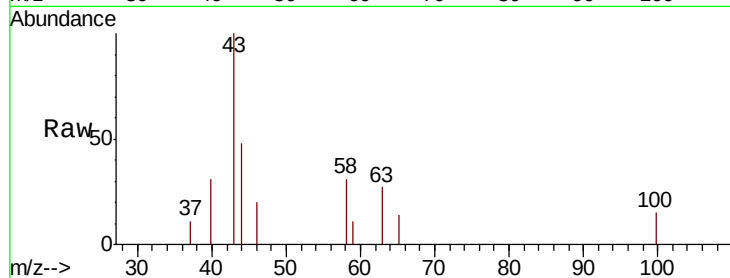
C0BB5

Tot Ion: 43 Resp: 1398

Ion Ratio Lower Upper

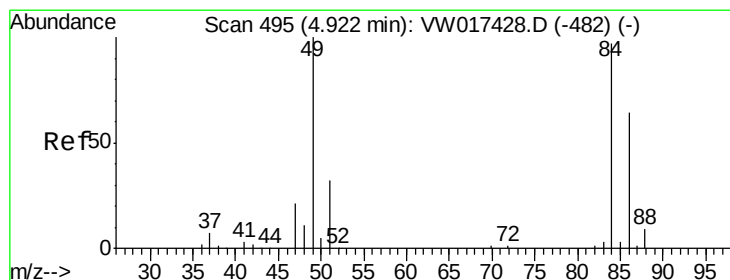
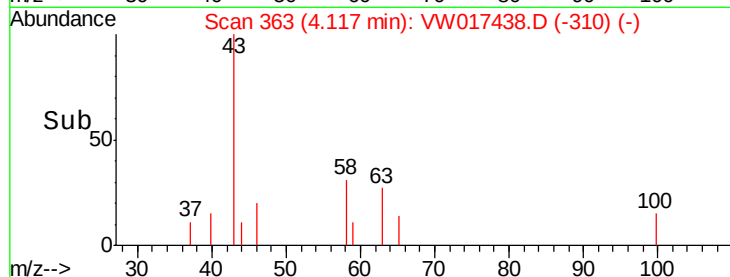
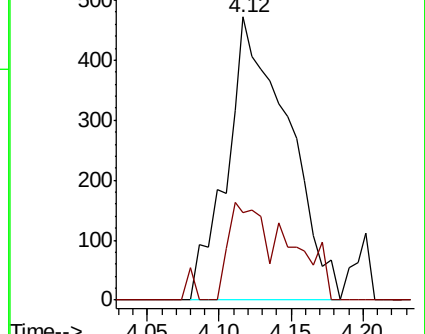
43 100

58 10.3 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 3.215 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

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Acq: 21 Nov 2020 00:12

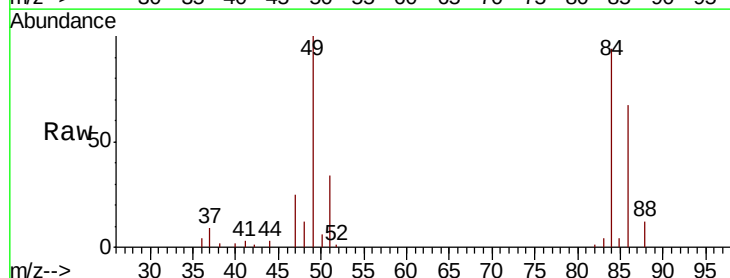
Tgt Ion: 84 Resp: 16592

Ion Ratio Lower Upper

84 100

49 106.0 71.5 132.9

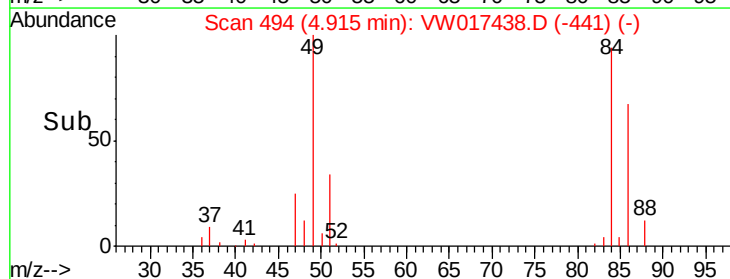
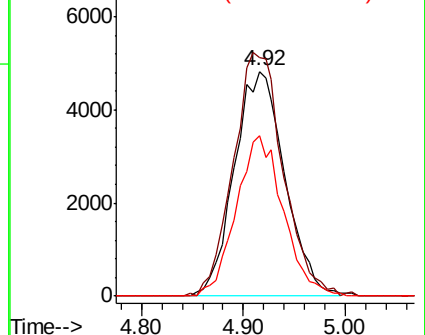
86 71.4 42.8 79.4

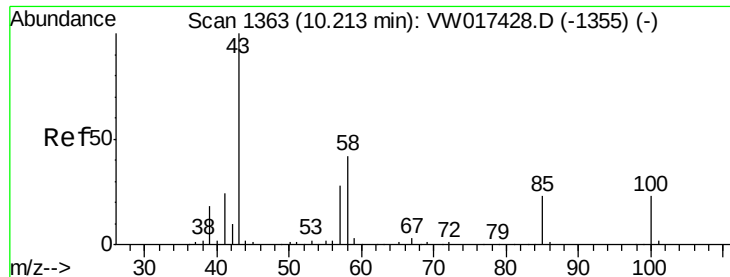


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#43

4-Methyl-2-pentanone

Concen: 1.031 ug/L

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VW017438.D

Acq: 21 Nov 2020 00:12

Instrument :

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ClientSampleId :

C0BB5

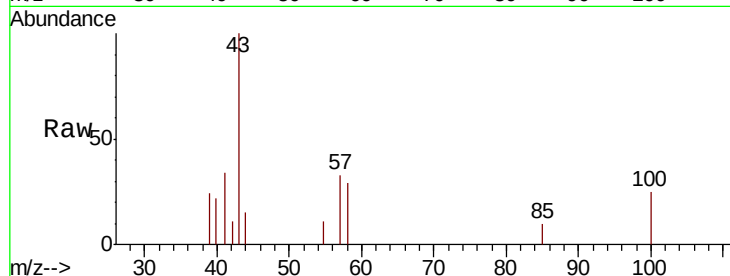
Tot Ion: 43 Resp: 1244

Ion Ratio Lower Upper

43 100

58 32.3 33.4 50.2#

100 10.0 16.3 24.5#

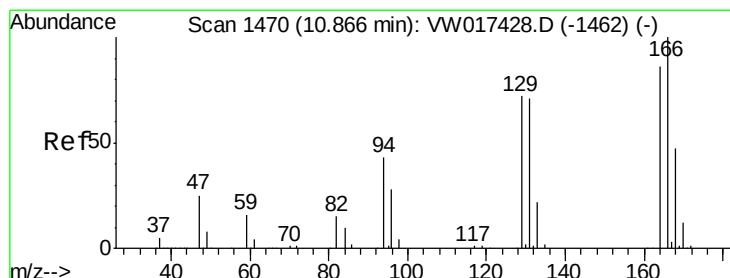
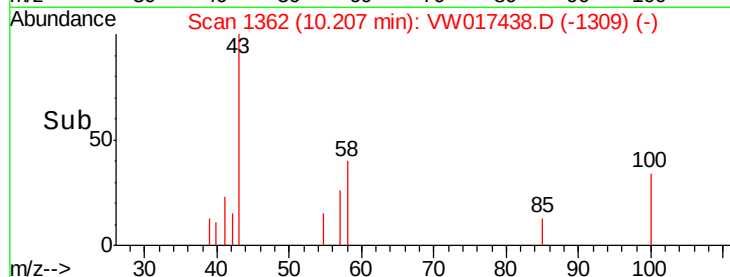
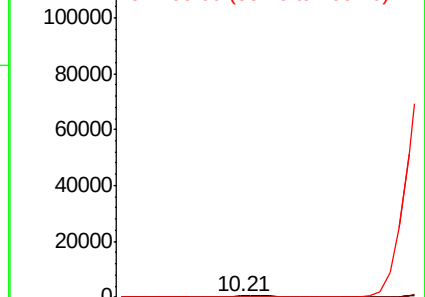


Abundance

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



#47

Tetrachloroethene

Concen: 5.316 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW017438.D

Acq: 21 Nov 2020 00:12

Tgt Ion: 164 Resp: 14655

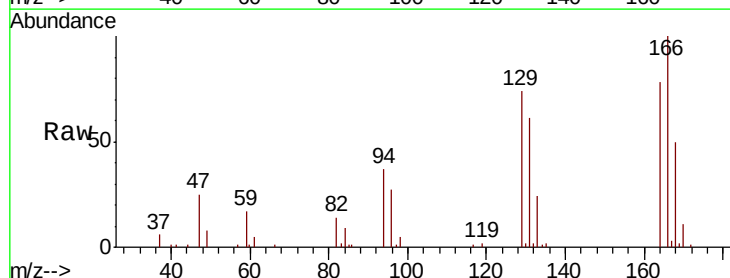
Ion Ratio Lower Upper

164 100

129 94.2 60.6 112.6

131 77.5 60.4 112.2

166 127.6 88.6 164.6



Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

