

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112020\
 Data File : VW017437.D
 Acq On : 20 Nov 2020 23:48
 Operator : SY/VA
 Sample : L4819-16
 Misc : 5.88G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BB4

Manual Integrations
 APPROVED

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 11/23/2020 12:52:31 PM

Quant Time: Nov 21 03:31:55 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	246375	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	237537	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	112488	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	58125	15.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.76%
7) Chloroethane-d5	2.89	69	55016	18.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.96%
10) 1,1-Dichloroethene-d2	4.01	63	88286	13.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.36%
20) 2-Butanone-d5	7.08	46	35953	60.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.04%
24) Chloroform-d	7.65	84	148509	22.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.76%
26) 1,2-Dichloroethane-d4	8.31	65	85144	27.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.92%
29) Benzene-d6	8.27	84	278538	20.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.20%
33) 1,2-Dichloropropane-d6	9.27	67	82524	23.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.52%
37) Toluene-d8	10.32	98	266104	21.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.44%
38) trans-1,3-Dichloropropene-	10.58	79	36565	23.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.16%
39) 2-Hexanone-d5	10.93	63	27769	58.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	75286	27.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	106211	25.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.32%

Target Compounds					Ovalue
13) Acetone	4.12	43	1372m	3.139 ug/L	
16) Methylene chloride	4.91	84	10451	2.480 ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	1264	0.839 ug/L #	83

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

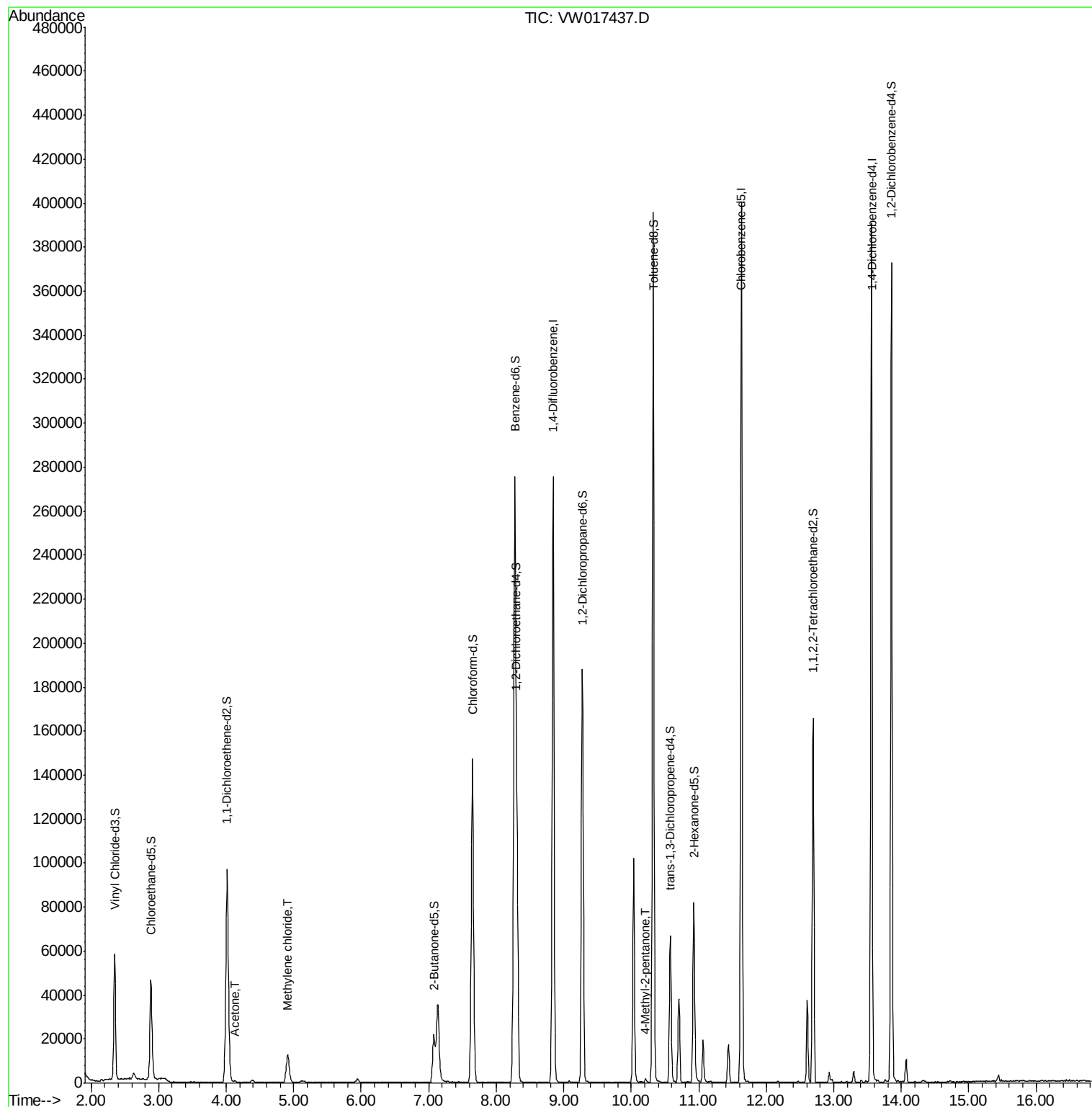
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112020\
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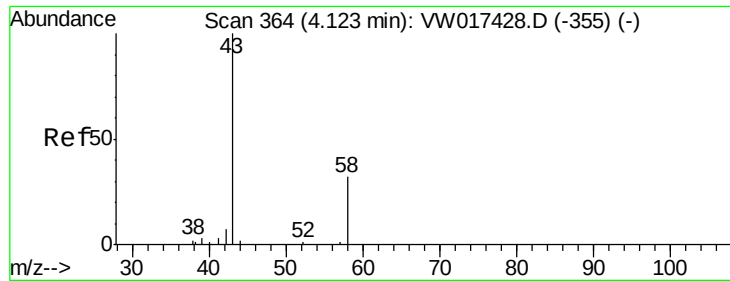
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Response via : Initial Calibration





#13

Acetone

Concen: 3.139 ug/L m

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW017437.D

Acq: 20 Nov 2020 23:48

Instrument :

MSVOA_W

ClientSampled :

C0BB4

Tot Ion: 43 Resp: 1372

Ion Ratio Lower Upper

43 100

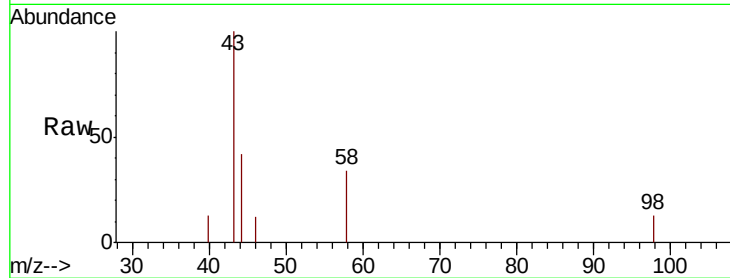
58 27.4 0.0 67.0

Manual Integrations

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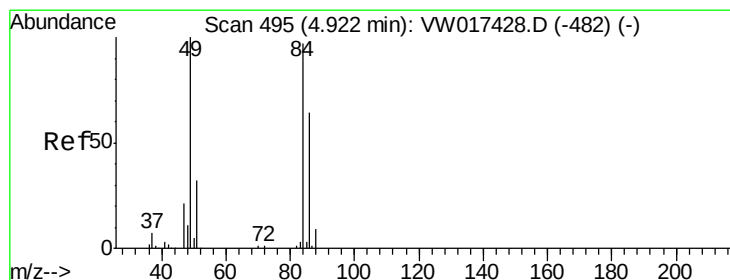
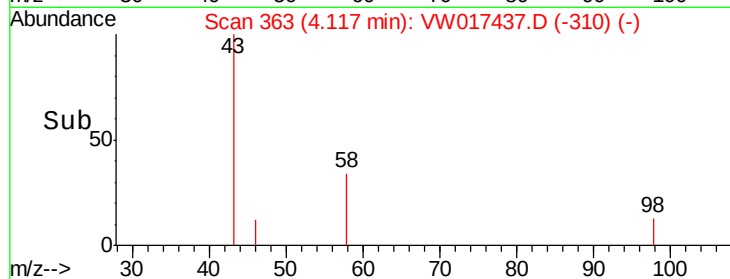
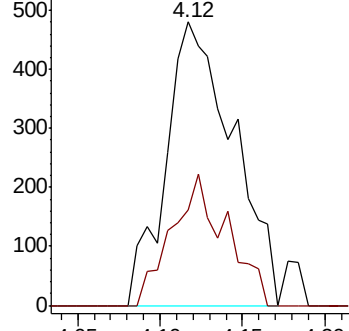
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.480 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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Acq: 20 Nov 2020 23:48

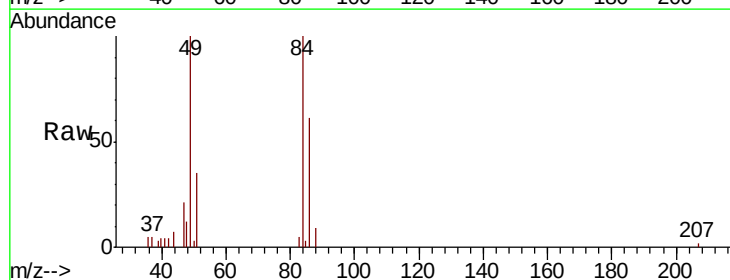
Tgt Ion: 84 Resp: 10451

Ion Ratio Lower Upper

84 100

49 99.9 71.5 132.9

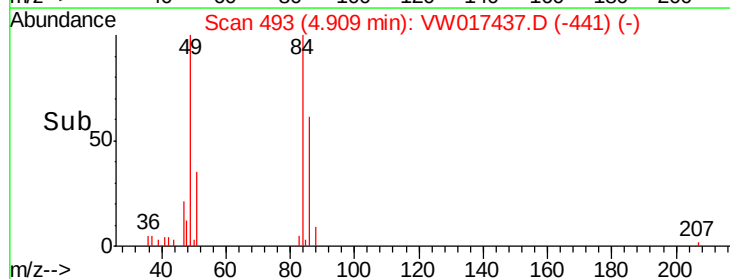
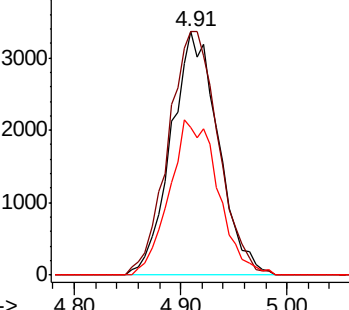
86 60.6 42.8 79.4

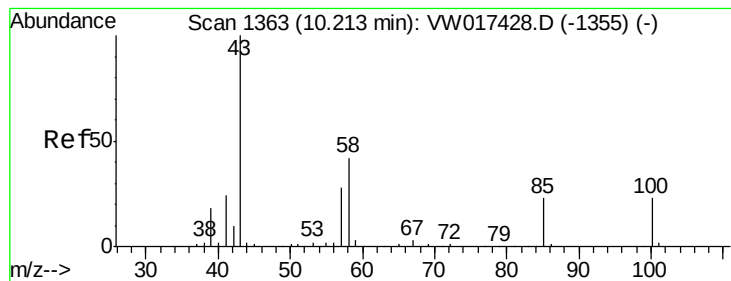


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#43

4-Methyl-2-pentanone

Concen: 0.839 ug/L

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

ClientSampled :

C0BB4

Tot Ion: 43 Resp: 1264

Ion Ratio Lower Upper

43 100

58 30.4 33.4 50.2#

100 12.9 16.3 24.5#

Manual Integrations

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