

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009800.D
 Acq On : 07 Apr 2019 10:36
 Operator : SY/VA
 Sample : VW0406SBL04
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK27

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:43:28 AM

Quant Time: Apr 15 09:15:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 08 00:51:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	371984	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	405049	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	167159	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	69293	14.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.96%
7) Chloroethane-d5	2.89	69	77867	17.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.84%
10) 1,1-Dichloroethene-d2	4.01	63	137382	13.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.48%
20) 2-Butanone-d5	7.07	46	95296	60.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.60%
24) Chloroform-d	7.64	84	259252	25.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.16%
26) 1,2-Dichloroethane-d4	8.30	65	188826	30.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.20%
29) Benzene-d6	8.27	84	457223	21.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.00%
33) 1,2-Dichloropropane-d6	9.27	67	160961	24.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.04%
37) Toluene-d8	10.32	98	402956	20.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.00%
38) trans-1,3-Dichloropropene-	10.57	79	60400	19.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.12%
39) 2-Hexanone-d5	10.93	63	38145	30.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	166205	27.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	160344	27.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.36%

Target Compounds					Qvalue
13) Acetone	4.12	43	4695	2.773 ug/L	87
16) Methylene chloride	4.92	84	16307m	2.486 ug/L	

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

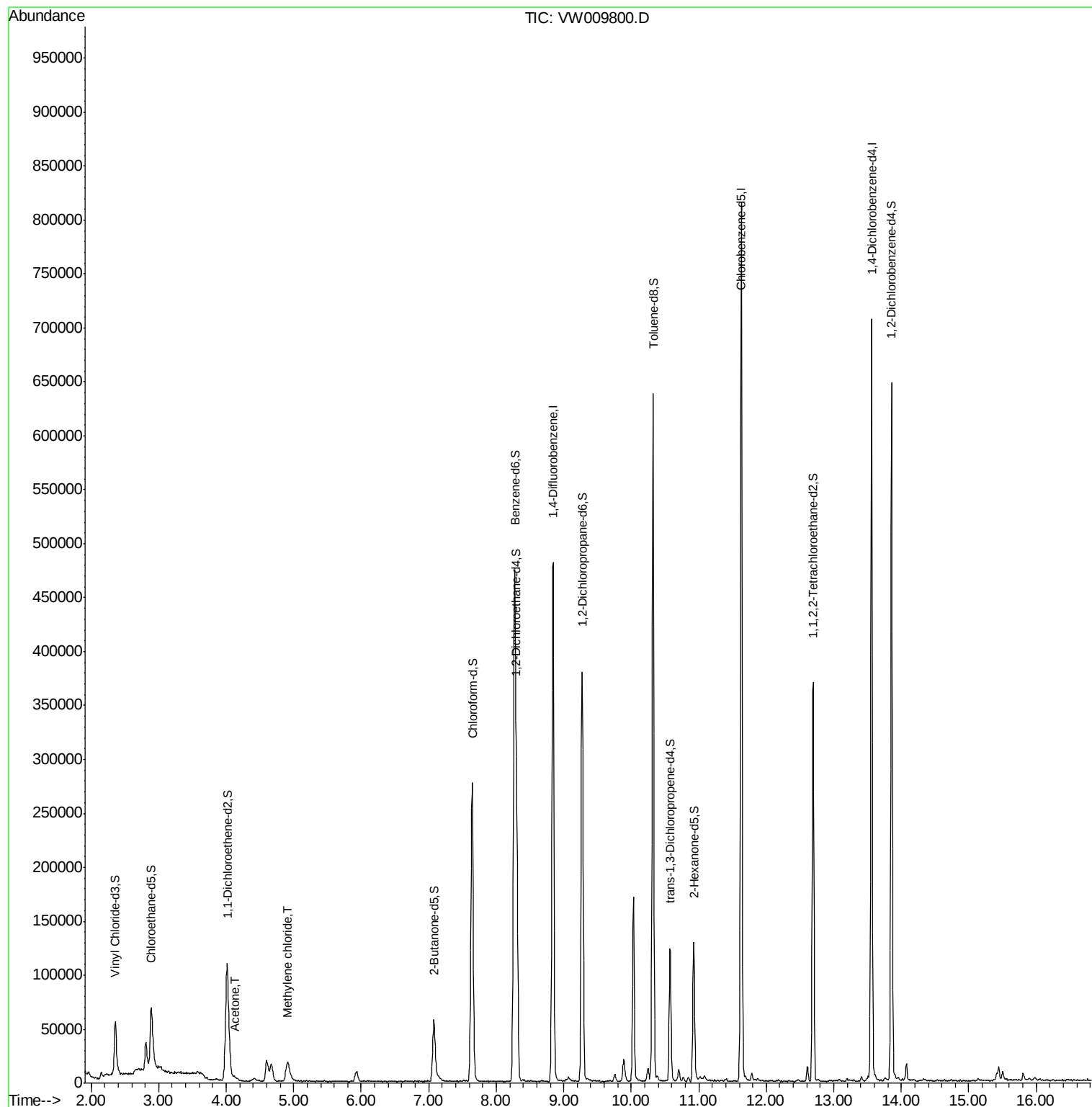
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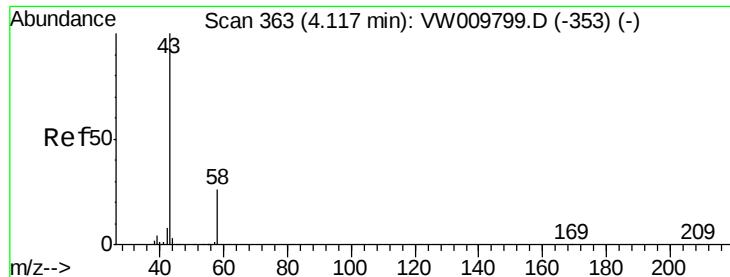
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#13

Acetone

Concen: 2.773 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009800.D

Acq: 07 Apr 2019 10:36

Instrument :

MSVOA_W

ClientSampleId :

VBLK27

Tgt Ion: 43 Resp: 4695

Ion Ratio Lower Upper

43 100

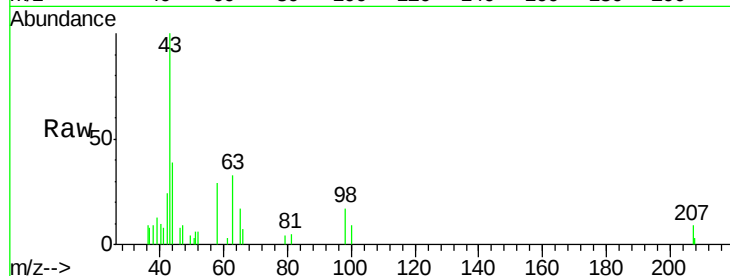
58 19.7 0.0 53.0

Manual Integrations

APPROVED

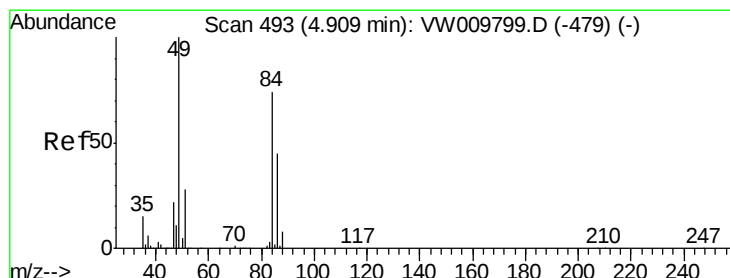
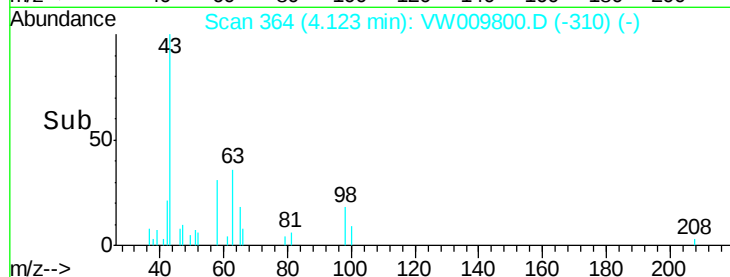
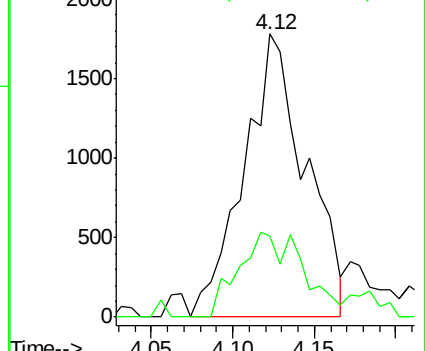
MMDadoda

4/11/2019 11:43:28 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.486 ug/L m

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW009800.D

Acq: 07 Apr 2019 10:36

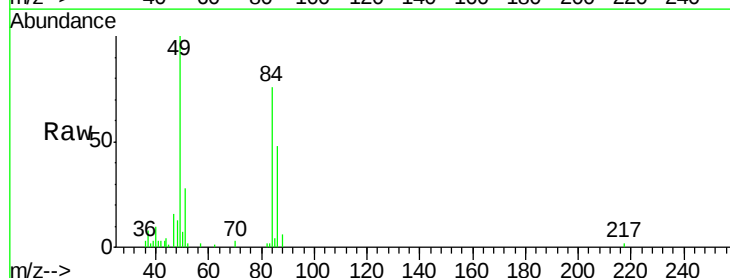
Tgt Ion: 84 Resp: 16307

Ion Ratio Lower Upper

84 100

49 132.0 98.3 182.5

86 62.9 46.4 86.2



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

