

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040219\
 Data File : VW009648.D
 Acq On : 02 Apr 2019 11:00
 Operator : SY/VA
 Sample : VW0402SBL01
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK20

Manual Integrations
 APPROVED

MMDadoda
 4/9/2019 5:12:30 PM

Quant Time: Apr 03 04:18:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 03 04:08:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	456523	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	434490	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	206359	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	99951	18.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.28%
7) Chloroethane-d5	2.89	69	109468	17.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.60%
10) 1,1-Dichloroethene-d2	4.01	63	184469	15.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.56%
20) 2-Butanone-d5	7.07	46	116963	51.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.68%
24) Chloroform-d	7.64	84	286805	23.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.08%
26) 1,2-Dichloroethane-d4	8.30	65	179085	23.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.44%
29) Benzene-d6	8.27	84	506960	21.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.64%
33) 1,2-Dichloropropane-d6	9.27	67	164736	22.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.56%
37) Toluene-d8	10.32	98	454722	20.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.08%
38) trans-1,3-Dichloropropene-	10.57	79	72133	19.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.84%
39) 2-Hexanone-d5	10.92	63	83147	47.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	166947	23.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	177566	22.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.76%

Target Compounds					Qvalue
13) Acetone	4.12	43	4530	2.448 ug/L	90
16) Methylene chloride	4.92	84	12645m	1.899 ug/L	

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

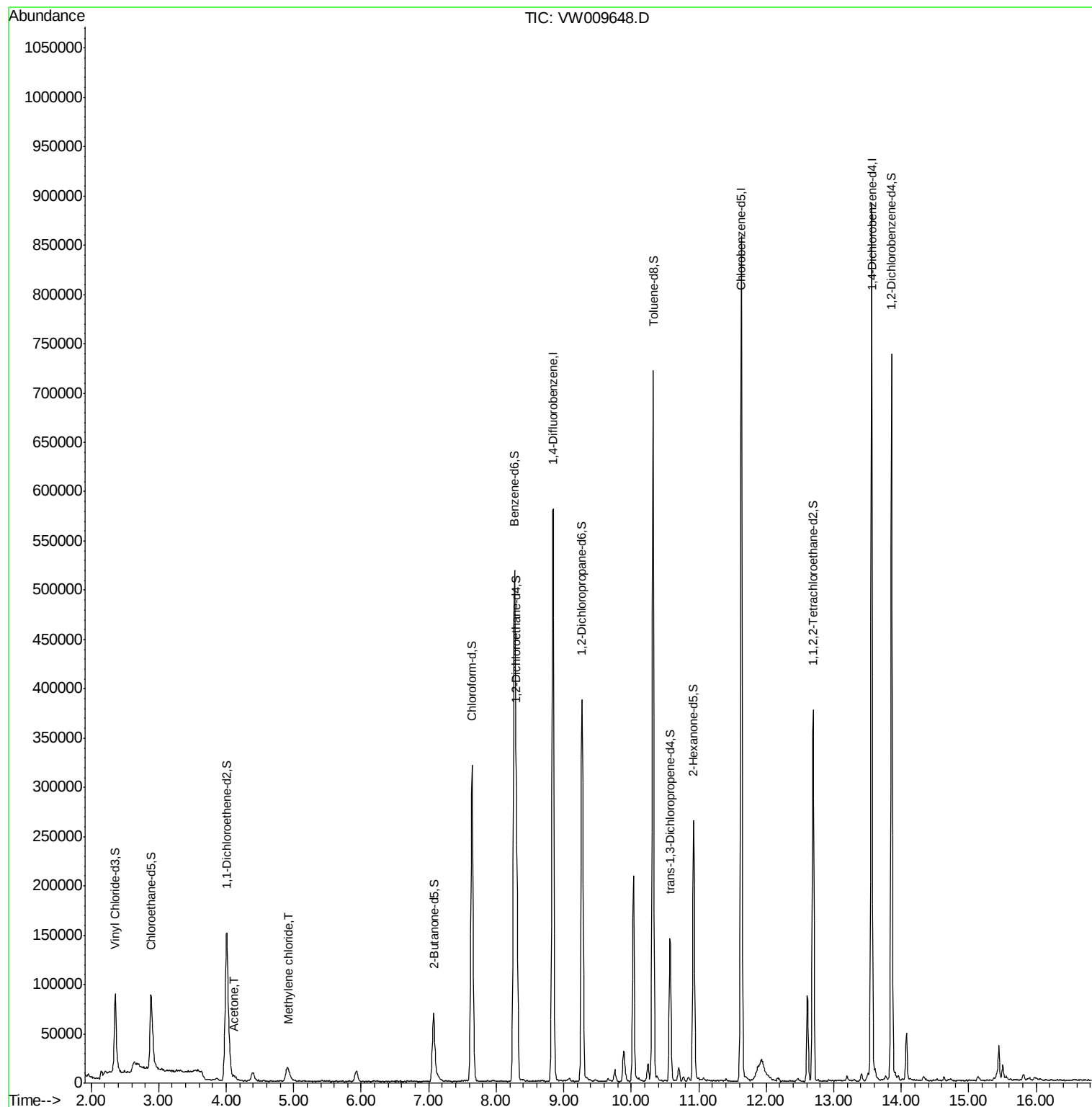
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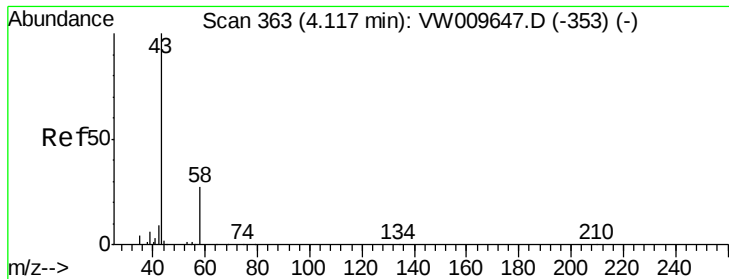
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#13

Acetone

Concen: 2.448 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW009648.D

Acq: 02 Apr 2019 11:00

Instrument :

MSVOA_W

ClientSampleId :

VBLK20

Tgt Ion: 43 Resp: 4530

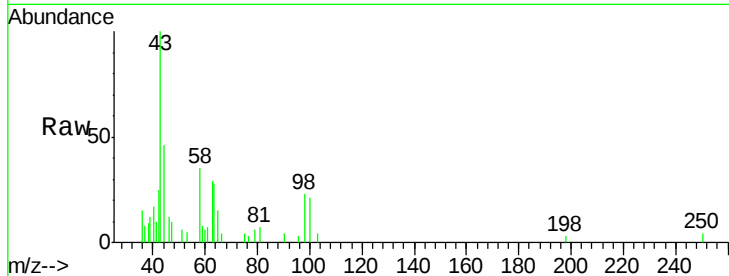
Ion Ratio Lower Upper

43 100

58 22.9 0.0 56.2

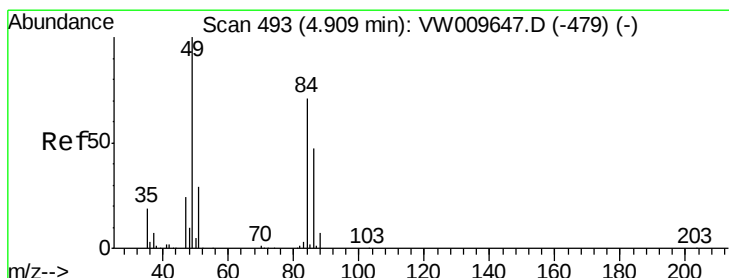
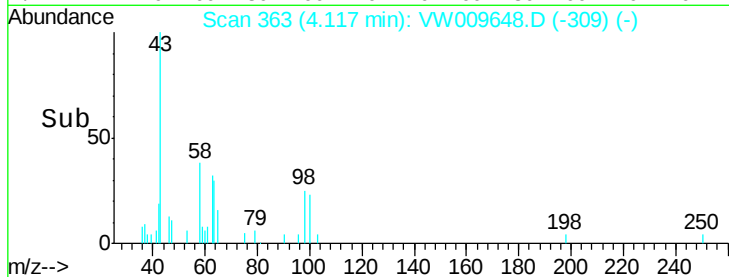
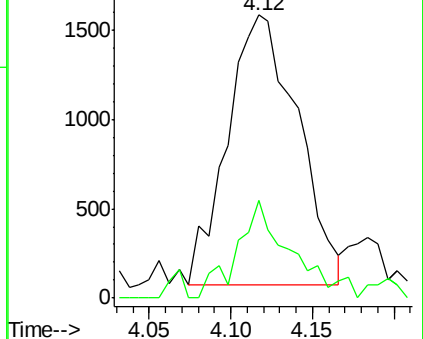
Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.899 ug/L m

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW009648.D

Acq: 02 Apr 2019 11:00

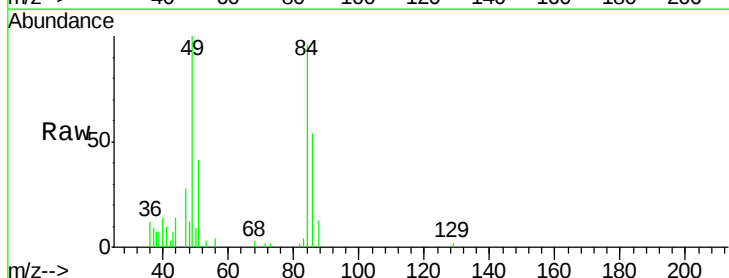
Tgt Ion: 84 Resp: 12645

Ion Ratio Lower Upper

84 100

49 103.9 96.0 178.2

86 56.0 44.4 82.5



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

