

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
 Data File : VW009785.D
 Acq On : 06 Apr 2019 22:30
 Operator : SY/VA
 Sample : K2217-03
 Misc : 4.85G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF614

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:43:15 AM

Quant Time: Apr 07 23:24:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 05:36:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	306190	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	275606	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	101227	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	122585	30.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.36%
7) Chloroethane-d5	2.89	69	113302	30.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	123.48%
10) 1,1-Dichloroethene-d2	4.01	63	210306	24.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.64%
20) 2-Butanone-d5	7.07	46	120240	92.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	184.86%#
24) Chloroform-d	7.65	84	268424	32.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	128.52%
26) 1,2-Dichloroethane-d4	8.30	65	177008m	34.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	138.04%#
29) Benzene-d6	8.27	84	499182	34.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	138.00%#
33) 1,2-Dichloropropane-d6	9.27	67	154691	34.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	138.48%#
37) Toluene-d8	10.32	98	423245	31.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	126.56%
38) trans-1,3-Dichloropropene-	10.58	79	62294	29.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	116.92%
39) 2-Hexanone-d5	10.93	63	75589	89.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	179.48%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	160749	38.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	154.76%#
61) 1,2-Dichlorobenzene-d4	13.85	152	118939	33.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	133.92%#

Target Compounds				Ovalue
13) Acetone	4.12	43	8384	6.015 ug/L 61
16) Methylene chloride	4.92	84	7156m	1.325 ug/L

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

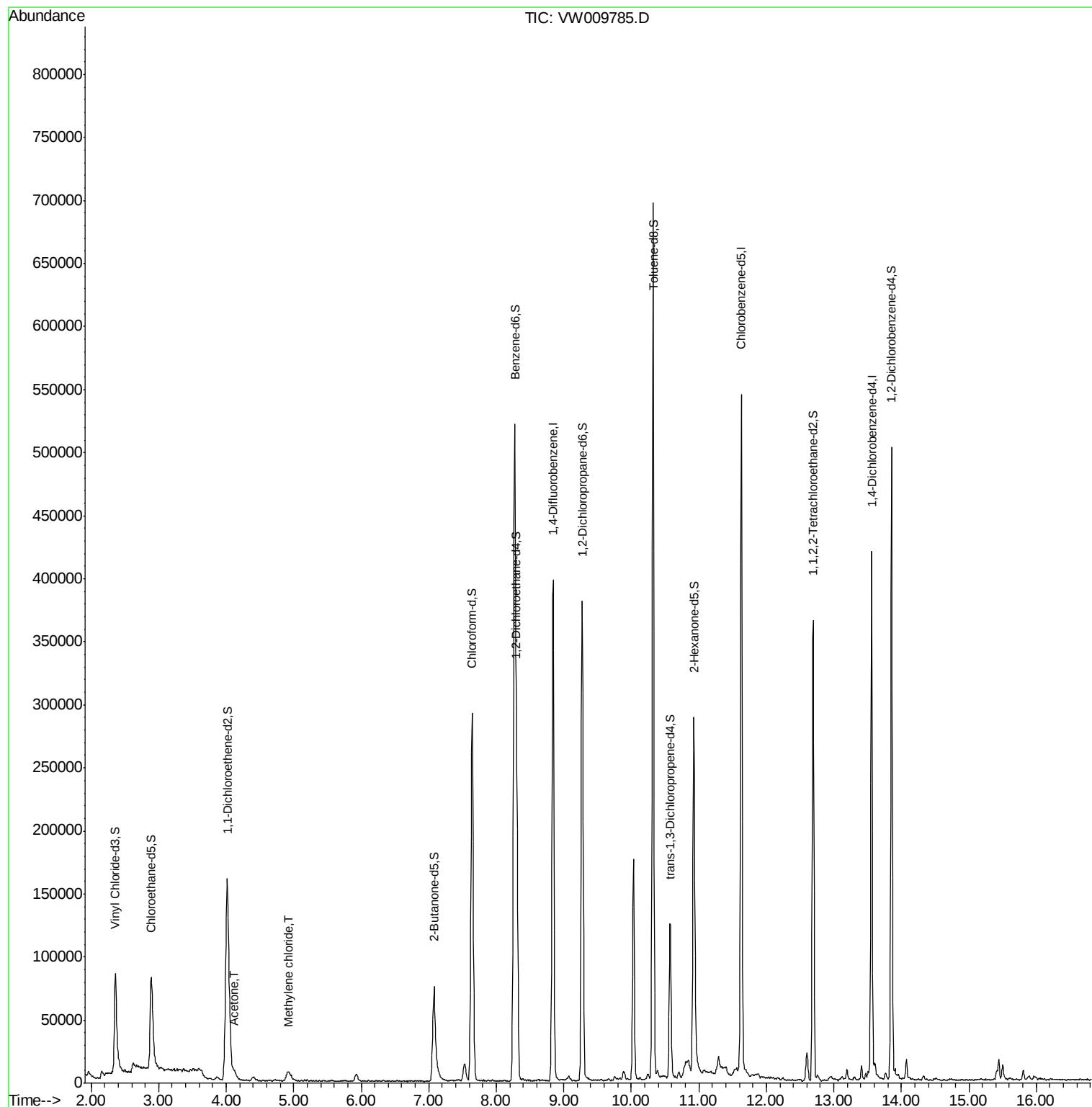
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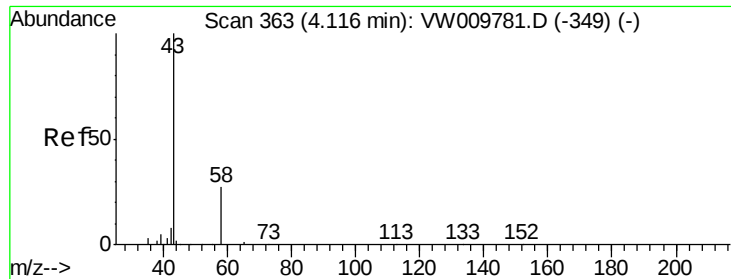
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#13

Acetone

Concen: 6.015 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009785.D

Acq: 06 Apr 2019 22:30

Instrument :

MSVOA_W

ClientSampleId :

BF614

Tot Ion: 43 Resp: 8384

Ion Ratio Lower Upper

43 100

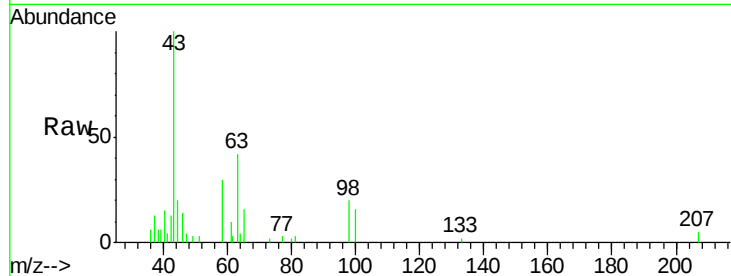
58 6.4 0.0 53.0

Manual Integrations

APPROVED

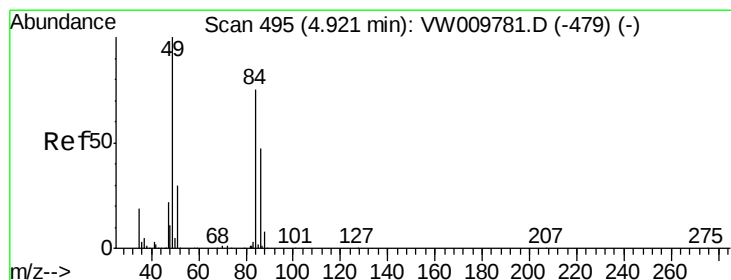
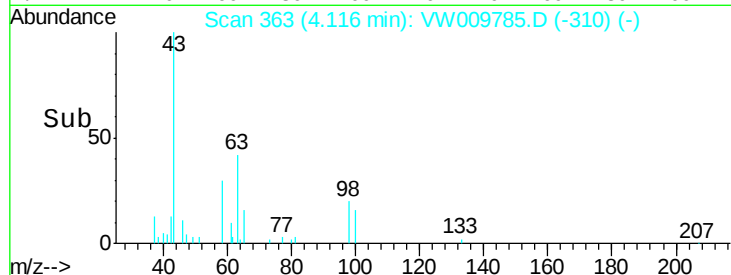
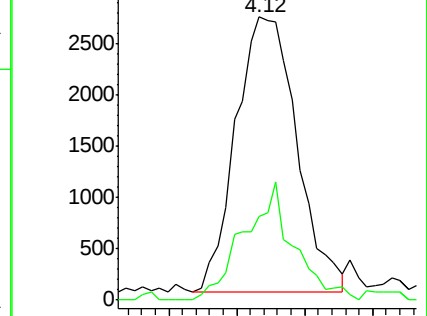
MMDadoda

4/11/2019 11:43:15 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.325 ug/L m

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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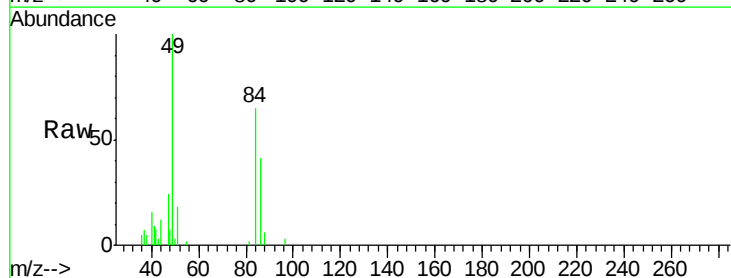
Tgt Ion: 84 Resp: 7156

Ion Ratio Lower Upper

84 100

49 154.2 98.3 182.5

86 62.5 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

