

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102919\
 Data File : VW013796.D
 Acq On : 29 Oct 2019 16:28
 Operator : SY/VA
 Sample : K5509-11
 Misc : 5.01G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 H0G78

Manual Integrations
 APPROVED

MMDadoda
 10/30/2019 11:11:53 AM

Quant Time: Oct 30 06:53:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 30 06:58:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	270562	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	266695	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	153130	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	88630	26.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.80%
7) Chloroethane-d5	2.89	69	71620	23.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.44%
10) 1,1-Dichloroethene-d2	4.01	63	136990	18.68	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.72%
20) 2-Butanone-d5	7.07	46	61026	51.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.80%
24) Chloroform-d	7.65	84	190977	25.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.92%
26) 1,2-Dichloroethane-d4	8.31	65	106389	26.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.48%
29) Benzene-d6	8.27	84	404862	25.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.08%
33) 1,2-Dichloropropane-d6	9.27	67	122306	25.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.24%
37) Toluene-d8	10.32	98	381652	25.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.32%
38) trans-1,3-Dichloropropene-	10.58	79	50584	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.72%
39) 2-Hexanone-d5	10.92	63	49766	54.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	103461	26.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	140227	25.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.64%

Target Compounds				Ovalue
13) Acetone	4.12	43	5649m	4.287 ug/L
16) Methylene chloride	4.91	84	10038m	1.937 ug/L

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

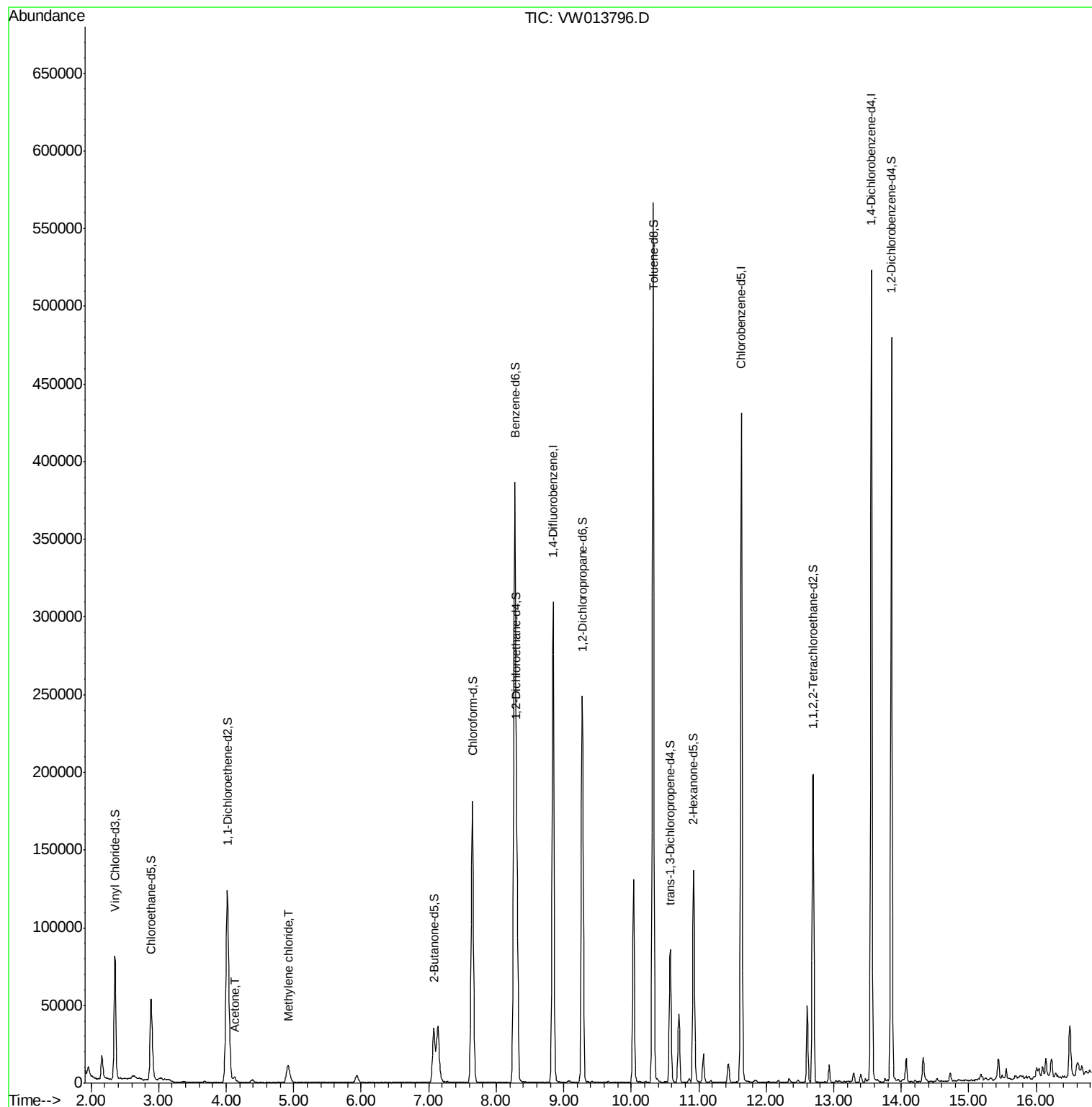
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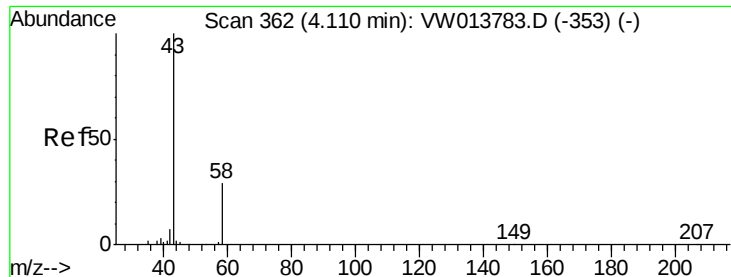
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#13

Acetone

Concen: 4.287 ug/L m

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

Lab File: VW013796.D

Acq: 29 Oct 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

H0G78

Tot Ion: 43 Resp: 5649

Ion Ratio Lower Upper

43 100

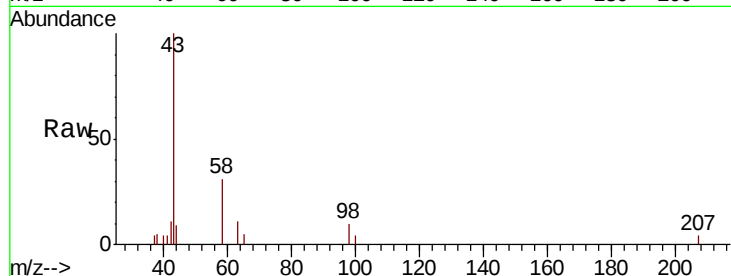
58 33.3 0.0 70.4

Manual Integrations

APPROVED

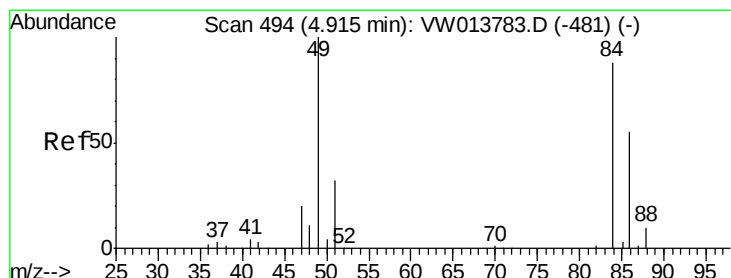
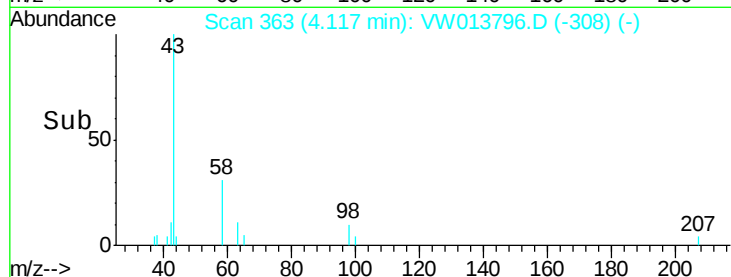
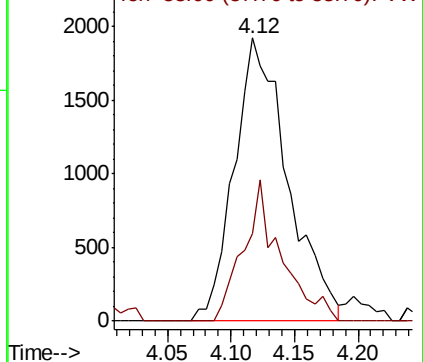
MMDadoda

10/30/2019 11:11:53 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.937 ug/L m

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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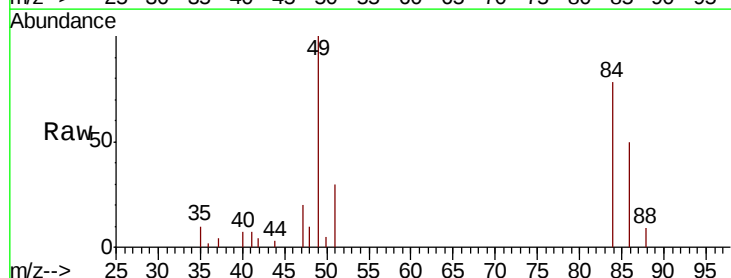
Tgt Ion: 84 Resp: 10038

Ion Ratio Lower Upper

84 100

49 127.9 80.2 148.9

86 63.9 42.7 79.3



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

