

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072918\
 Data File : VW004296.D
 Acq On : 28 Jul 2018 03:07
 Operator : SY/AP
 Sample : J4204-12
 Misc : 5.62G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JJ1J9

Manual Integrations
 APPROVED

MMDadoda
 7/31/2018 10:33:16 AM

Quant Time: Jul 28 04:05:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 28 02:53:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	345806	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	322646	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	122025	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	104884	30.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.52%
7) Chloroethane-d5	2.89	69	69884	27.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.40%
10) 1,1-Dichloroethene-d2	4.01	63	172800m	20.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.16%
20) 2-Butanone-d5	7.08	46	90898	46.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.24%
24) Chloroform-d	7.65	84	237765	26.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.40%
26) 1,2-Dichloroethane-d4	8.31	65	149440	28.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.24%
29) Benzene-d6	8.27	84	468970	27.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.72%
33) 1,2-Dichloropropane-d6	9.27	67	161278	28.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.44%
37) Toluene-d8	10.33	98	423055	26.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.68%
38) trans-1,3-Dichloropropene-	10.58	79	63833	24.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.92%
39) 2-Hexanone-d5	10.93	63	68605	45.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	146981	25.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	135125	29.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.48%

Target Compounds					Qvalue
13) Acetone	4.13	43	5667	2.848 ug/L	99
16) Methylene chloride	4.92	84	11218m	2.314 ug/L	

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

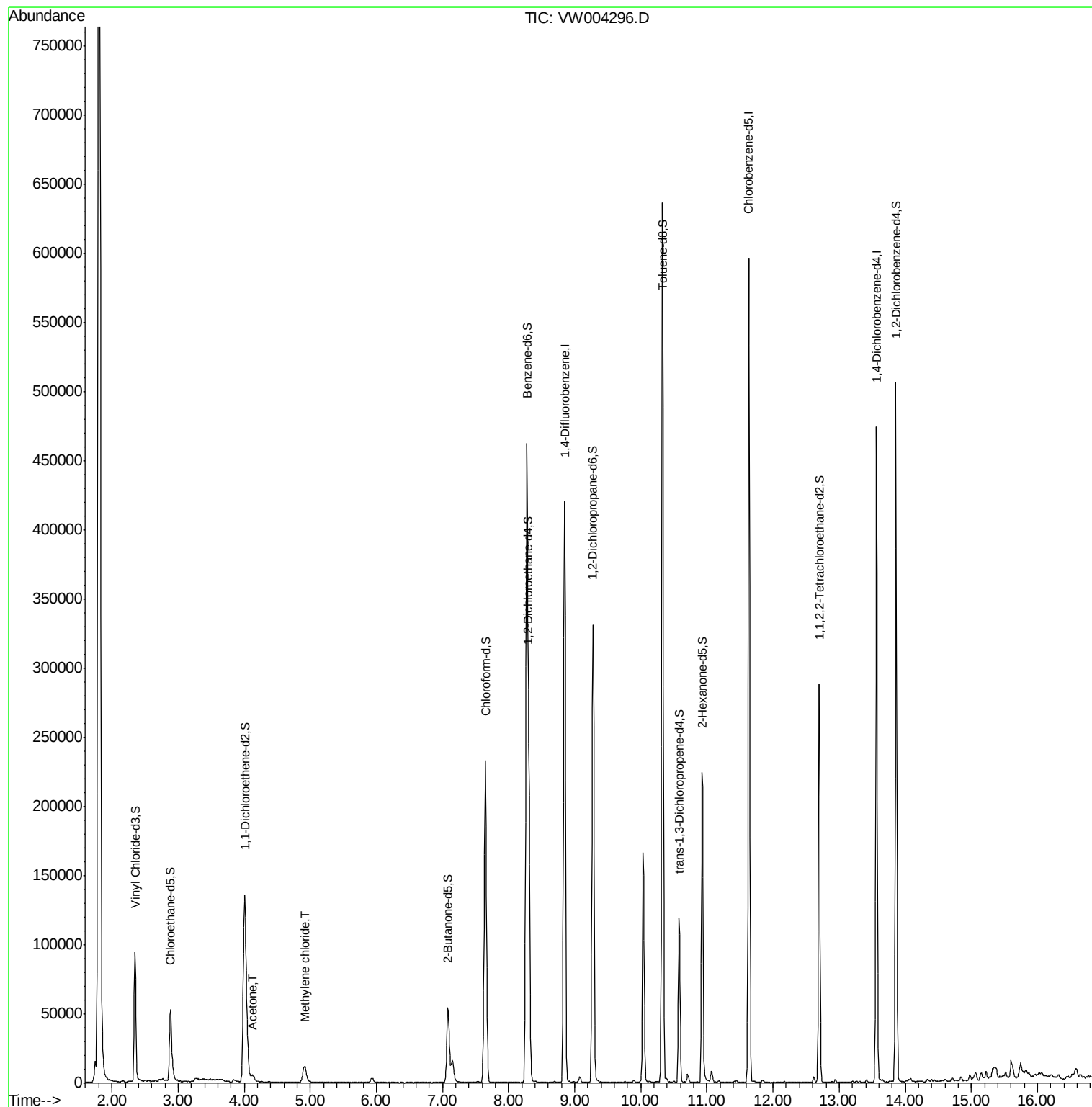
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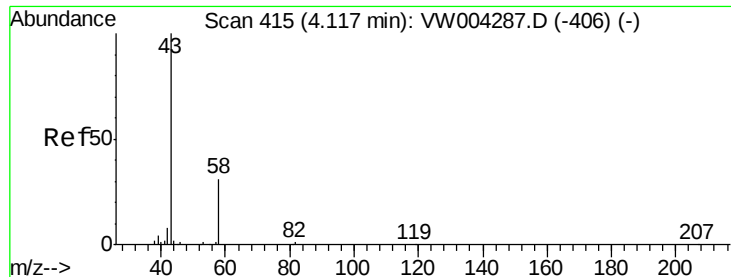
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#13

Acetone

Concen: 2.848 ug/L

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW004296.D

Acq: 28 Jul 2018 03:07

Instrument :

MSVOA_W

ClientSampleId :

JJ1J9

Tgt Ion: 43 Resp: 5667

Ion Ratio Lower Upper

43 100

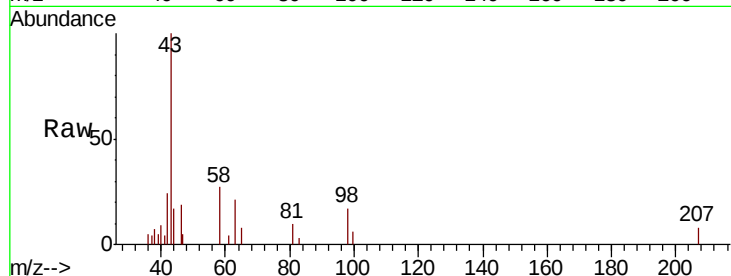
58 29.4 0.0 59.8

Manual Integrations

APPROVED

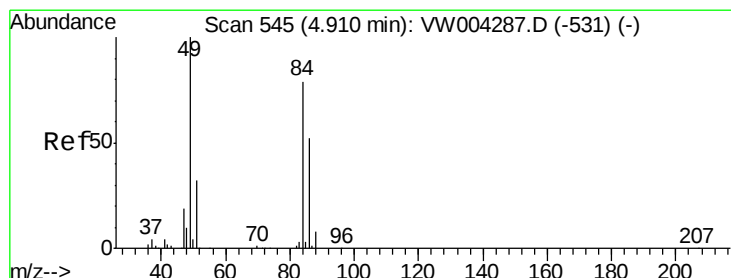
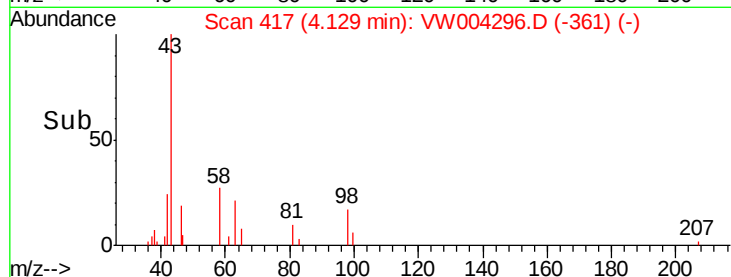
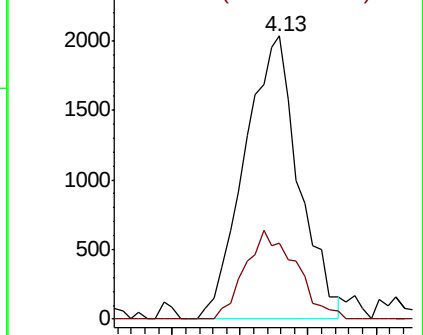
MMDadoda

7/31/2018 10:33:16 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.314 ug/L m

RT: 4.92 min Scan# 547

Delta R.T. 0.01 min

Lab File: VW004296.D

Acq: 28 Jul 2018 03:07

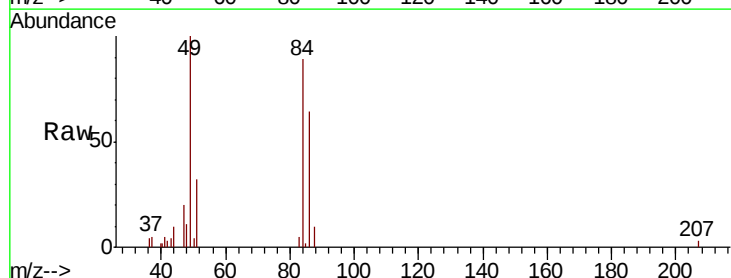
Tgt Ion: 84 Resp: 11218

Ion Ratio Lower Upper

84 100

49 111.9 90.9 168.7

86 71.9 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

