

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121119\
 Data File : VW014305.D
 Acq On : 11 Dec 2019 15:54
 Operator : SY/VA
 Sample : K6236-06
 Misc : 5.23G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFEY9

Manual Integrations
 APPROVED

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 12/12/2019 4:21:13 PM

Quant Time: Dec 12 06:03:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 12 04:57:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1185506	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1079334	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	471684	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	449314	25.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	100.12%		
7) Chloroethane-d5	2.89	69	355522	26.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	106.56%		
10) 1,1-Dichloroethene-d2	4.01	63	634591	20.01	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	80.04%		
20) 2-Butanone-d5	7.07	46	210482	44.99	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	89.98%		
24) Chloroform-d	7.64	84	827681	27.42	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	109.68%		
26) 1,2-Dichloroethane-d4	8.30	65	429595m	27.15	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	108.60%		
29) Benzene-d6	8.27	84	1728402	27.32	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	109.28%		
33) 1,2-Dichloropropane-d6	9.27	67	535555	27.52	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	110.08%		
37) Toluene-d8	10.32	98	1547589	27.06	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	108.24%		
38) trans-1,3-Dichloropropene-	10.57	79	201360	24.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	98.64%		
39) 2-Hexanone-d5	10.92	63	164515	42.51	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	85.02%		
48) 1,1,2,2-Tetrachloroethane-	12.69	84	373144	23.53	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	94.12%		
61) 1,2-Dichlorobenzene-d4	13.85	152	500480	27.77	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	111.08%		
Target Compounds						
13) Acetone	4.12	43	33108	7.340	ug/L	100
16) Methylene chloride	4.91	84	31770	1.748	ug/L	91

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

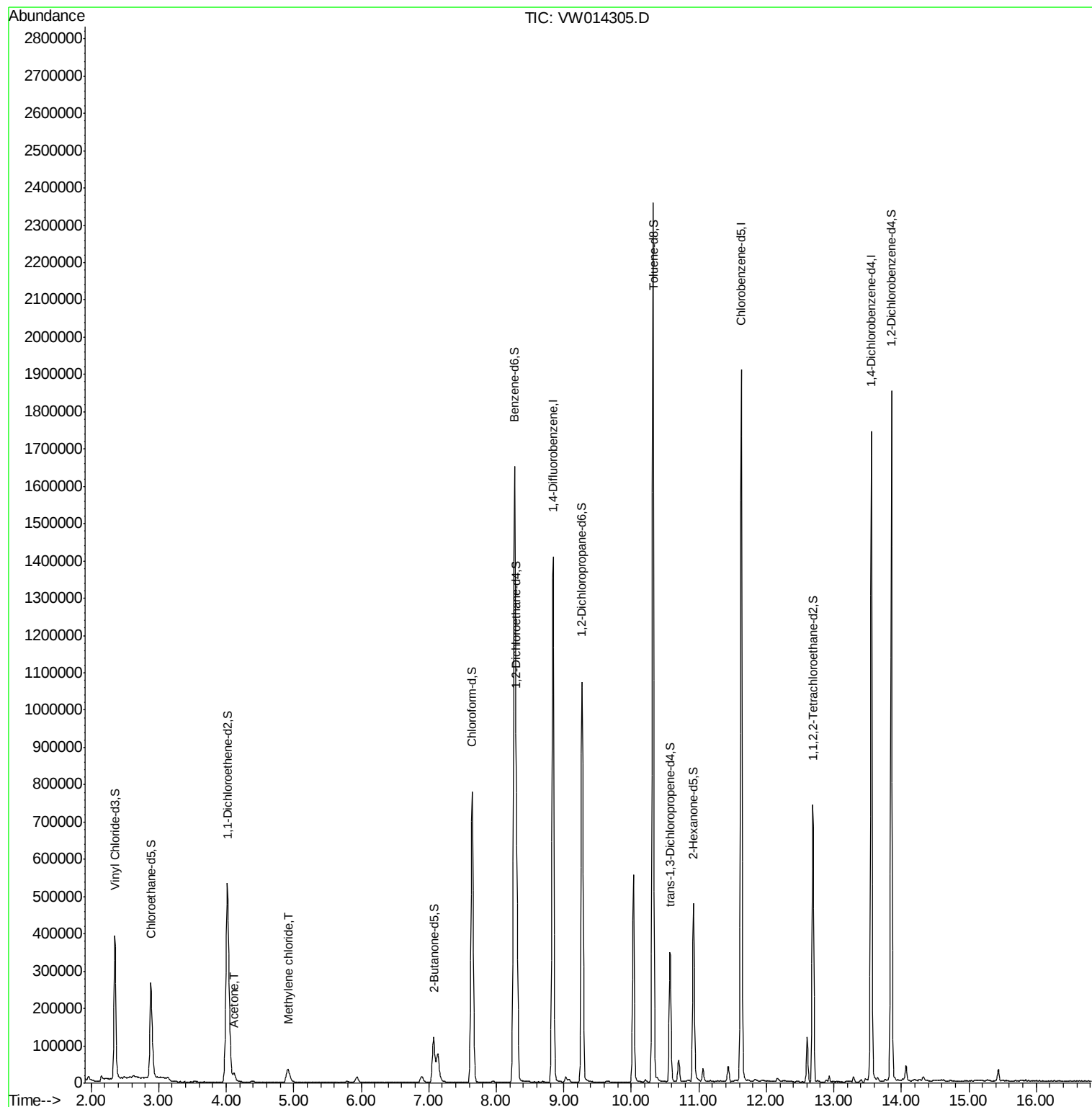
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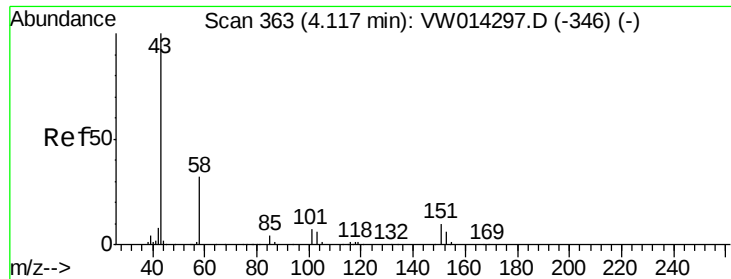
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#13

Acetone

Concen: 7.340 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW014305.D

Acq: 11 Dec 2019 15:54

Tot Ion: 43 Resp: 33108

Ion Ratio Lower Upper

43 100

58 32.4 0.0 65.4

Instrument :

MSVOA_W

ClientSampleId :

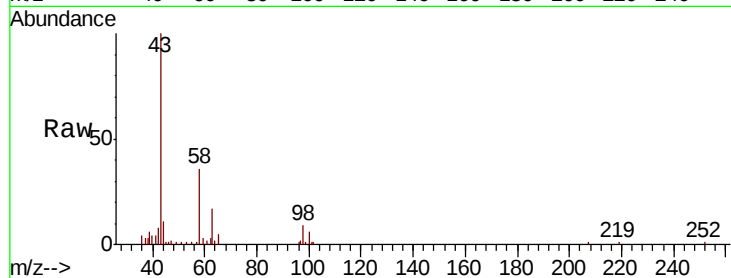
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Manual Integrations

APPROVED

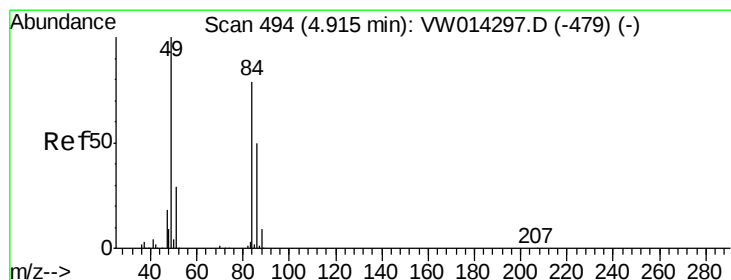
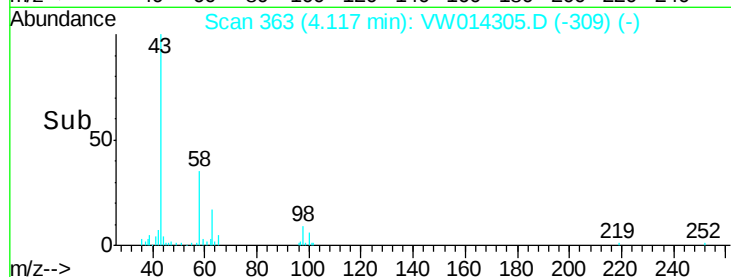
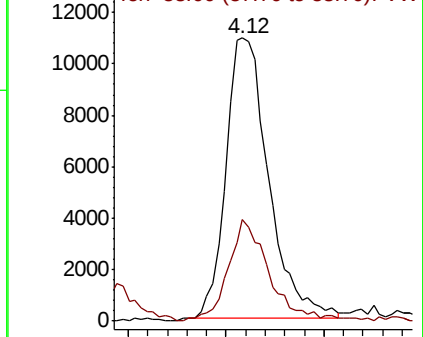
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.748 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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Acq: 11 Dec 2019 15:54

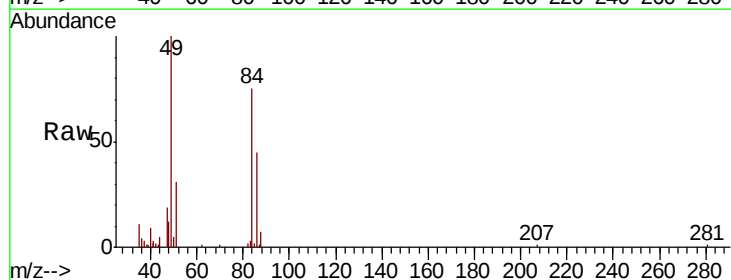
Tgt Ion: 84 Resp: 31770

Ion Ratio Lower Upper

84 100

49 133.9 84.2 156.4

86 60.9 43.7 81.1



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

