

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040319\
 Data File : VW009667.D
 Acq On : 03 Apr 2019 19:27
 Operator : SY/VA
 Sample : K2119-14
 Misc : 3.57G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5A9

Manual Integrations
 APPROVED

MMDadoda
 4/10/2019 8:53:20 AM

Quant Time: Apr 04 02:15:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 02:03:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	526284	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	495659	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	219108	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	185979	27.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	108.04%		
7) Chloroethane-d5	2.89	69	161460	25.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	102.36%		
10) 1,1-Dichloroethene-d2	4.01	63	295226	19.93	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	79.72%		
20) 2-Butanone-d5	7.08	46	80714	36.10	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	72.20%		
24) Chloroform-d	7.64	84	356734	24.84	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	99.36%		
26) 1,2-Dichloroethane-d4	8.31	65	203736m	23.11	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	92.44%		
29) Benzene-d6	8.27	84	688862	26.47	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	105.88%		
33) 1,2-Dichloropropane-d6	9.27	67	201582	25.08	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	100.32%		
37) Toluene-d8	10.32	98	631055	26.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	104.92%		
38) trans-1,3-Dichloropropene-	10.58	79	85324	22.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	89.04%		
39) 2-Hexanone-d5	10.93	63	57632	38.05	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	76.10%		
48) 1,1,2,2-Tetrachloroethane-	12.69	84	147084	19.69	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	78.76%		
61) 1,2-Dichlorobenzene-d4	13.86	152	204777	26.63	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	106.52%		
Target Compounds						
13) Acetone	4.12	43	29641	12.372	ug/L	98
16) Methylene chloride	4.91	84	42373	4.565	ug/L	91

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

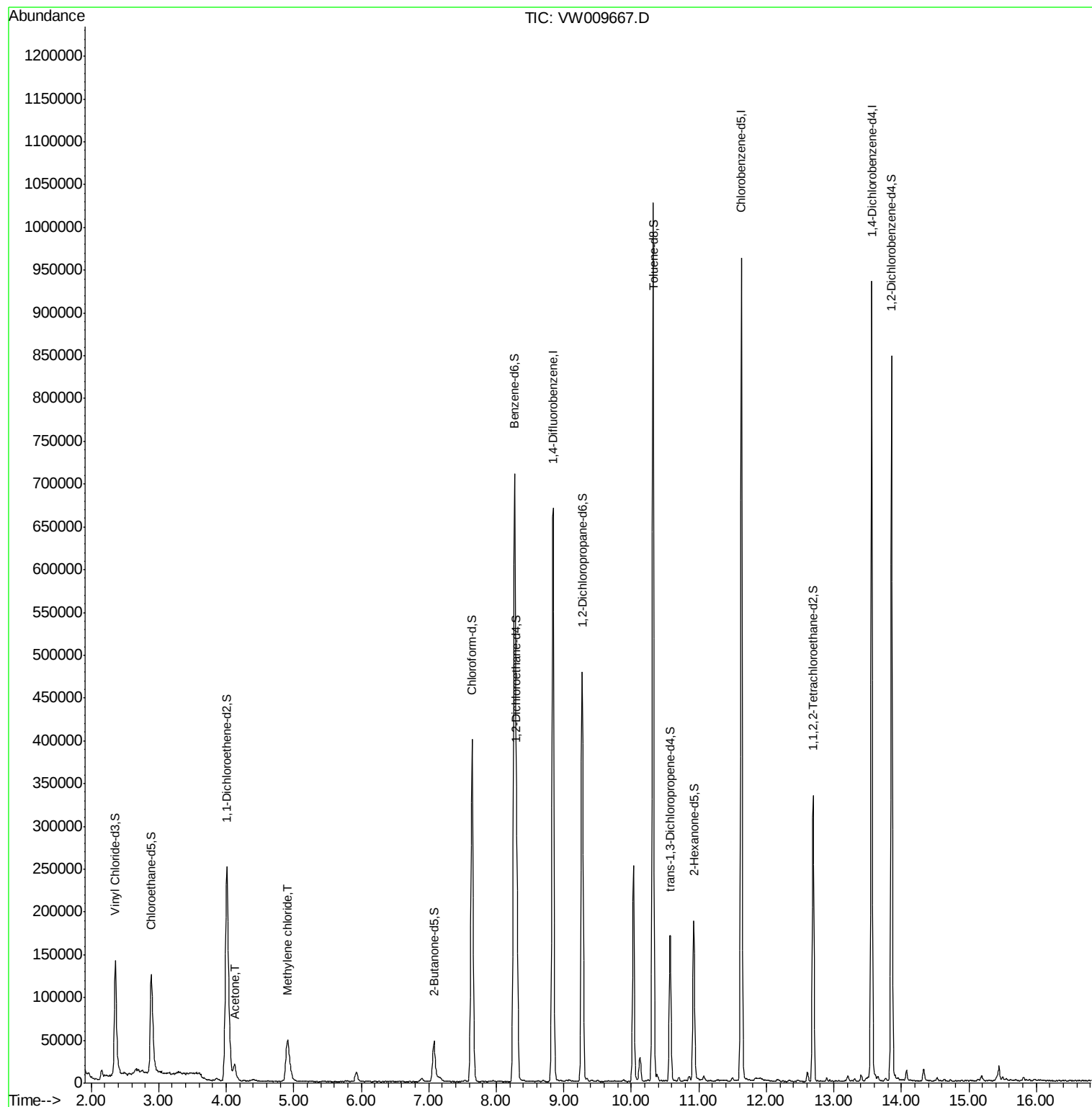
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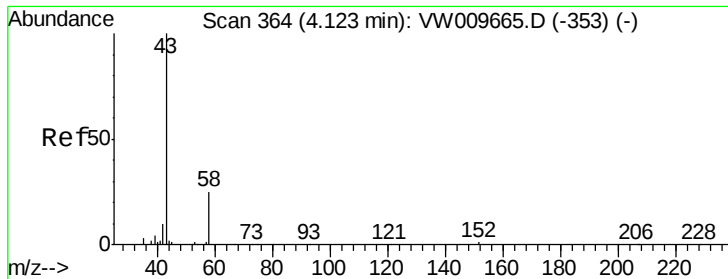
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#13

Acetone

Concen: 12.372 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009667.D

Acq: 03 Apr 2019 19:27

Instrument :

MSVOA_W

ClientSampleId :

BF5A9

Tot Ion: 43 Resp: 29641

Ion Ratio Lower Upper

43 100

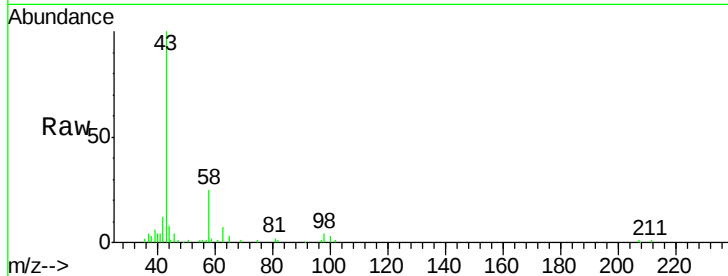
58 27.5 0.0 53.0

Manual Integrations

APPROVED

MMDadoda

4/10/2019 8:53:20 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

12000

10000

8000

6000

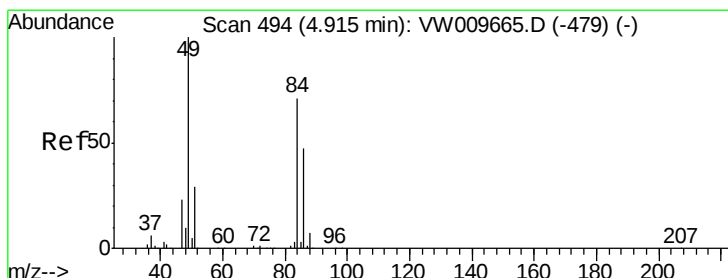
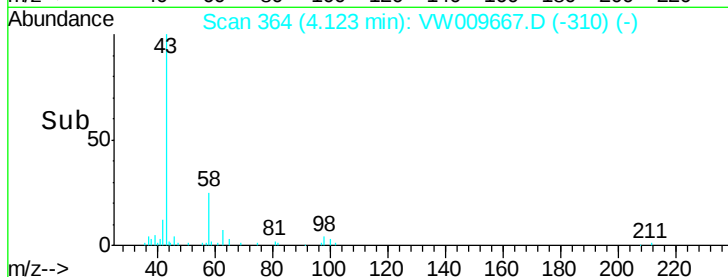
4000

2000

0

Time-->

4.00 4.10 4.20



#16

Methylene chloride

Concen: 4.565 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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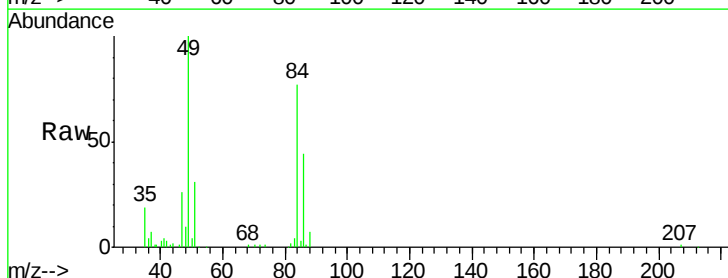
Tgt Ion: 84 Resp: 42373

Ion Ratio Lower Upper

84 100

49 129.8 98.3 182.5

86 57.6 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

15000

10000

5000

0

Time-->

4.80 4.90 5.00

