

Data File : VV010291.D
Acq On : 12 Apr 2019 16:49
Operator : SY/MD
Sample : K2304-07RE
Misc : 5.42G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF892RE

Manual Integrations
APPROVED

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Quant Time: Apr 13 05:36:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 04:47:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	4/15/2019 12:31:26 AM
1) 1,4-Difluorobenzene	5.66	114	151092	25.00	ug/L	0.00	
28) Chlorobenzene-d5	8.89	117	129837	25.00	ug/L	0.00	
60) 1,4-Dichlorobenzene-d4	11.30	152	40718	25.00	ug/L	0.00	

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30927	17.78	ug/L	0.00	
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.12%	
7) Chloroethane-d5	1.57	69	31708	21.21	ug/L	0.00	
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.84%	
10) 1,1-Dichloroethene-d2	2.12	63	64220	14.51	ug/L	0.00	
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.04%	
20) 2-Butanone-d5	3.93	46	35882	81.52	ug/L	0.00	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	163.04%#	
24) Chloroform-d	4.40	84	78766	22.83	ug/L	0.00	
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.32%	
26) 1,2-Dichloroethane-d4	5.08	65	56504	28.75	ug/L	0.00	
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.00%	
29) Benzene-d6	5.10	84	155600	24.85	ug/L	0.00	
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.40%	
33) 1,2-Dichloropropane-d6	6.12	67	49964	26.83	ug/L	0.00	
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.32%	
37) Toluene-d8	7.36	98	127934	20.96	ug/L	0.00	
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.84%	
38) trans-1,3-Dichloropropene-	7.66	79	17911	23.07	ug/L	0.00	
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.28%	
39) 2-Hexanone-d5	8.13	63	25115	78.09	ug/L	0.00	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.18%#	
48) 1,1,2,2-Tetrachloroethane-	10.26	84	54715	32.74	ug/L	0.00	
Spiked Amount	25.000	Range	45 - 120	Recovery	=	130.96%#	
61) 1,2-Dichlorobenzene-d4	11.68	152	36699	24.41	ug/L	0.00	
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.64%	

Target Compounds					Qvalue
13) Acetone	2.19	43	20504	43.600 ug/L	95
16) Methylene chloride	2.53	84	25873	8.744 ug/L	96
21) 2-Butanone	4.01	43	6622m	12.346 ug/L	

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

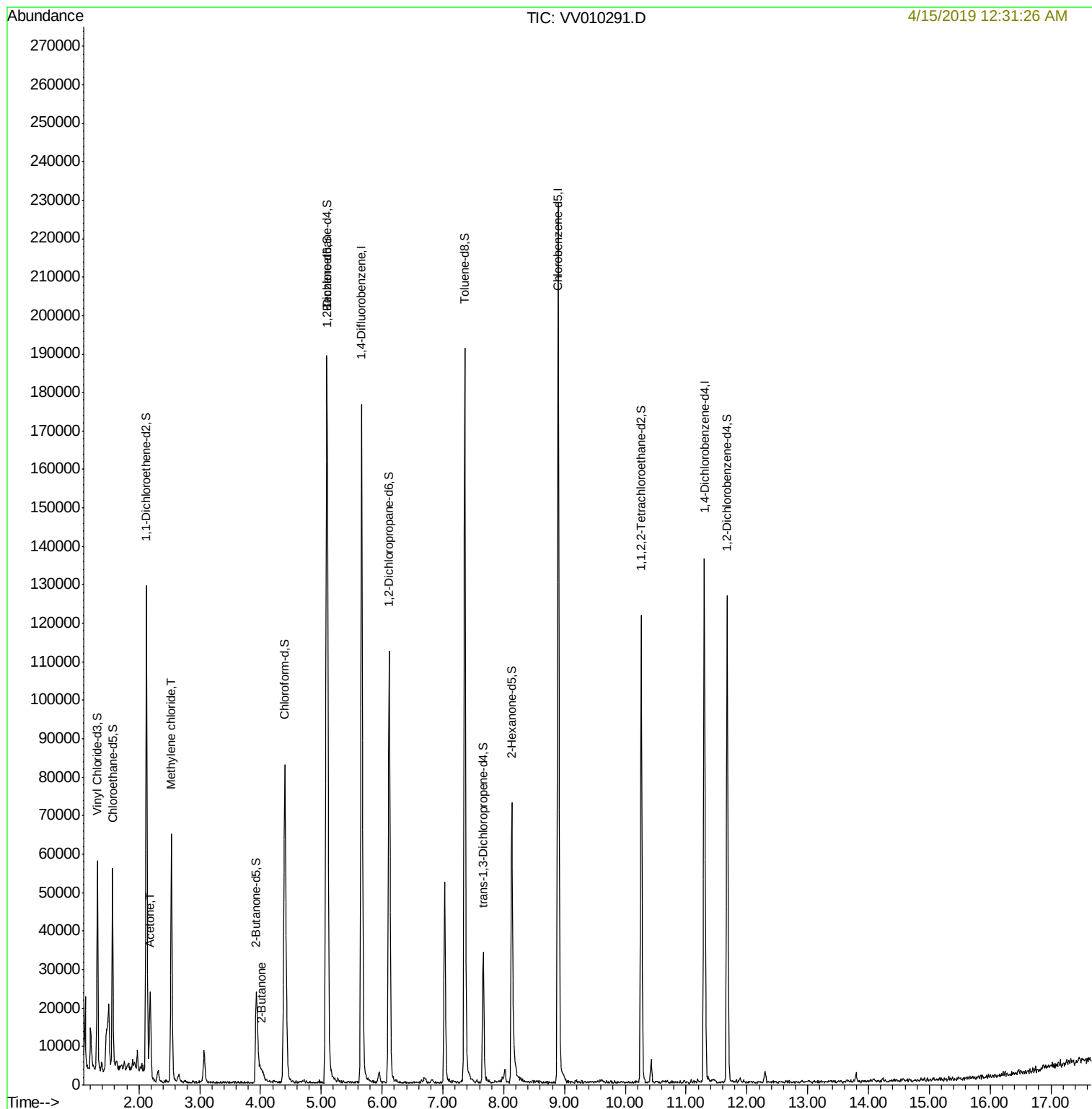
Data File : VV010291.D
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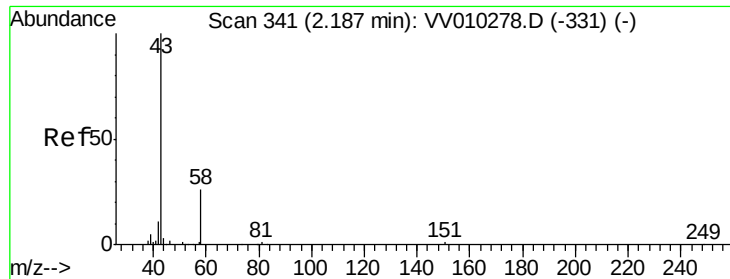
Instrument :
MSVOA_V
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Quant Title : VOC Analysis
QLast Update : Sat Apr 13 04:47:32 2019
Response via : Initial Calibration





#13

Acetone

Concen: 43.600 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV010291.D

Acq: 12 Apr 2019 16:49

Instrument :

MSVOA_V

ClientSampleId :

BF892RE

Tgt Ion: 43 Resp: 20504

Ion Ratio Lower Upper

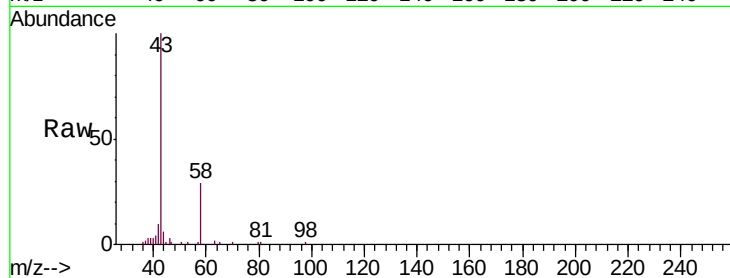
43 100

58 33.5 0.0 61.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

15000

10000

5000

0

Time-->

2.15 2.20 2.25

2.19

2.19

2.19

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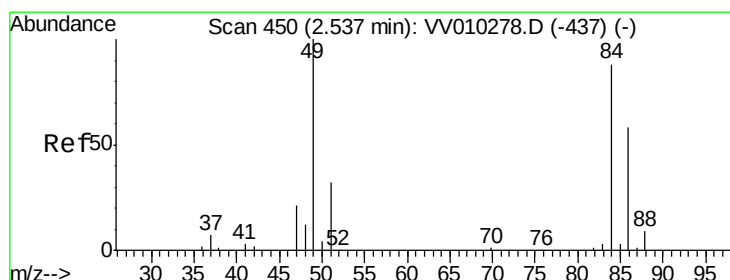
2.19

2.19

2.19

2.19

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#16

Methylene chloride

Concen: 8.744 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

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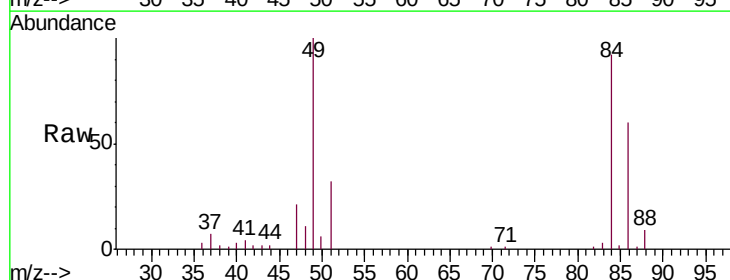
Tgt Ion: 84 Resp: 25873

Ion Ratio Lower Upper

84 100

49 109.3 79.9 148.5

86 65.0 44.5 82.7



Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

25000

20000

15000

10000

5000

0

Time-->

2.50 2.55 2.60

2.53

2.53

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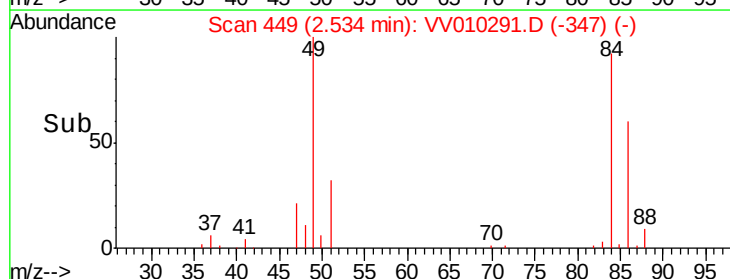
2.53

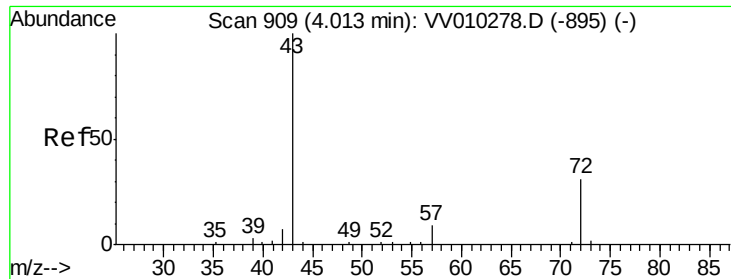
2.53

2.53

2.53

2.53





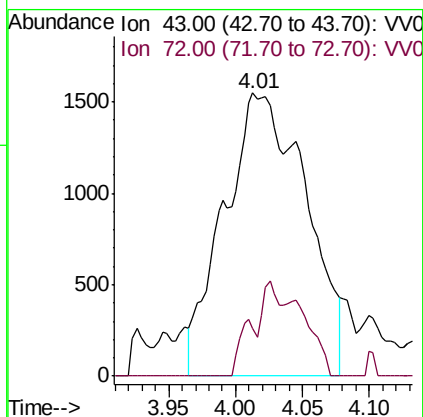
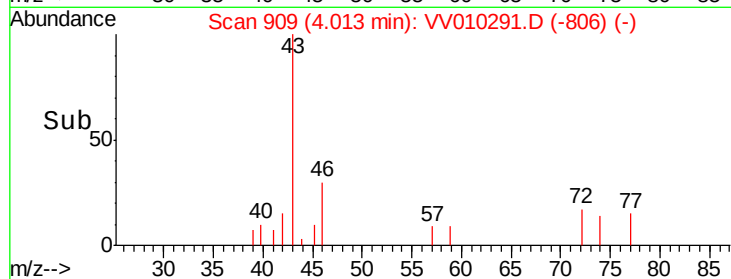
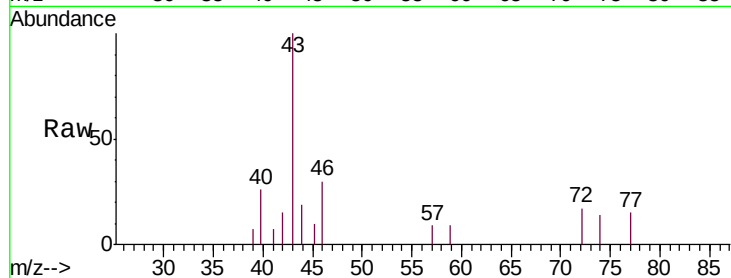
#21
 2-Butanone
 Concen: 12.346 ug/L m
 RT: 4.01 min Scan# 909
 Delta R.T. -0.00 min
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 MSVOA_V
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Tgt Ion: 43 Resp: 6622
 Ion Ratio Lower Upper
 43 100
 72 0.8 13.5 40.4#

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