

Data File : VV010296.D
Acq On : 12 Apr 2019 19:00
Operator : SY/MD
Sample : K2303-15
Misc : 5.62G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF883

Quant Time: Apr 13 04:53:27 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)
1) 1,4-Difluorobenzene	5.66	114	196283	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	200913	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	89026	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35383	15.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.64%
7) Chloroethane-d5	1.57	69	36774	18.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.76%
10) 1,1-Dichloroethene-d2	2.12	63	75238	13.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.32%
20) 2-Butanone-d5	3.93	46	45968	80.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	160.78%#
24) Chloroform-d	4.40	84	101771	22.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.08	65	67705	26.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.08%
29) Benzene-d6	5.10	84	191733	19.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.16%
33) 1,2-Dichloropropane-d6	6.12	67	63420	22.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.04%
37) Toluene-d8	7.36	98	171165	18.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.48%
38) trans-1,3-Dichloropropene-	7.66	79	25699	21.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.56%
39) 2-Hexanone-d5	8.13	63	30866	62.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.04%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	74199	28.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.76%
61) 1,2-Dichlorobenzene-d4	11.68	152	76623	23.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.24%

Target Compounds					Qvalue
13) Acetone	2.19	43	2192	3.588 ug/L	100
16) Methylene chloride	2.53	84	18096	4.708 ug/L	98
25) Chloroform	4.43	83	4668	0.971 ug/L #	46
59) 1,2,3-Trichloropropane	11.30	75	10714	5.572 ug/L #	88

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

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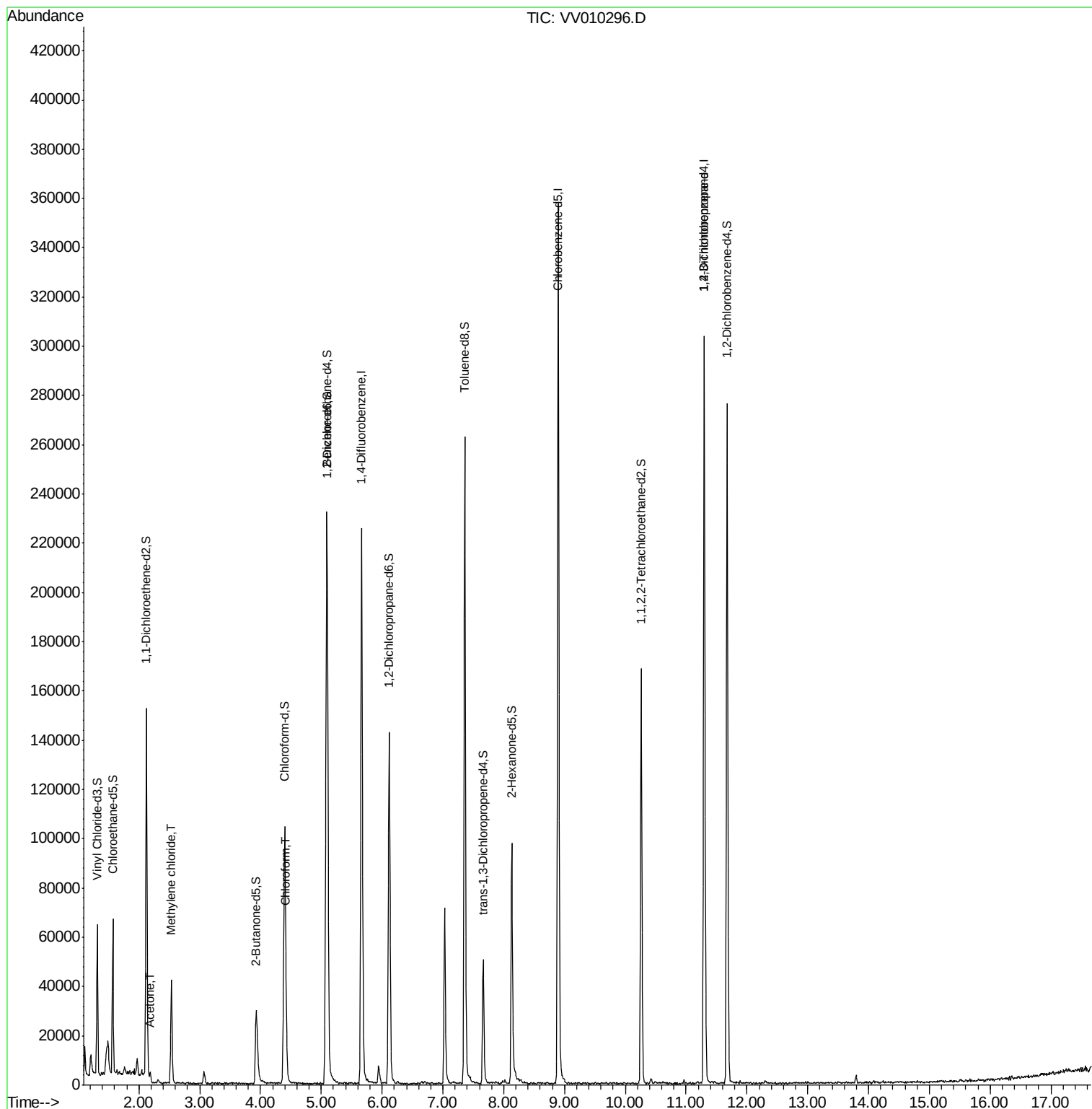
Quant Time: Apr 13 04:53:27 2019

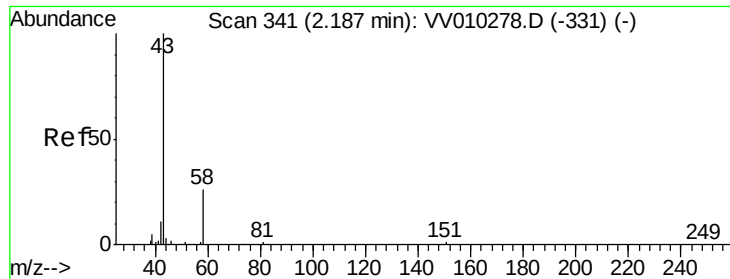
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M

Quant Title : VOC Analysis

QLast Update : Sat Apr 13 04:47:32 2019

Response via : Initial Calibration





#13

Acetone

Concen: 3.588 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV010296.D

Acq: 12 Apr 2019 19:00

Instrument :

MSVOA_V

ClientSampled :

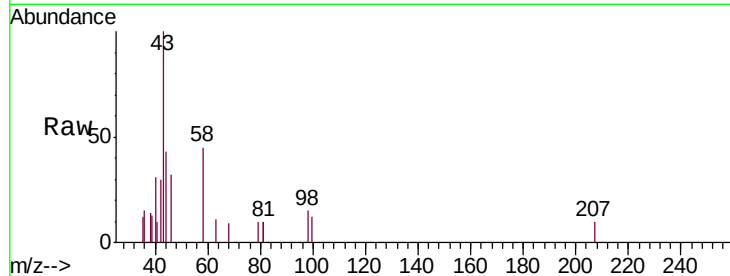
BF883

Tgt Ion: 43 Resp: 2192

Ion Ratio Lower Upper

43 100

58 30.8 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010278.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010278.D (-331) (-)

2.19

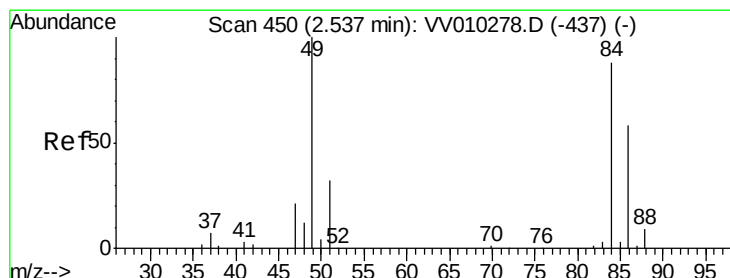
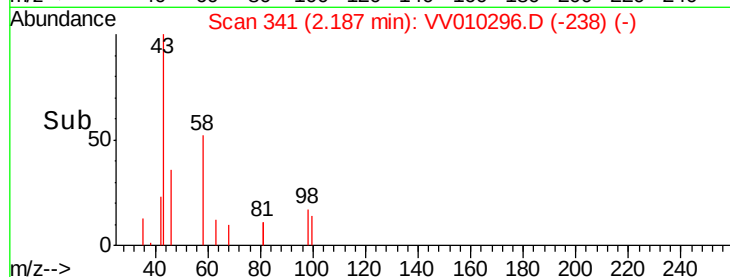
1000

500

0

Time-->

2.15 2.20



#16

Methylene chloride

Concen: 4.708 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

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Acq: 12 Apr 2019 19:00

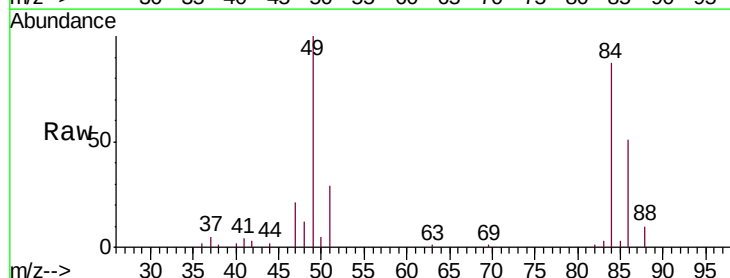
Tgt Ion: 84 Resp: 18096

Ion Ratio Lower Upper

84 100

49 114.7 79.9 148.5

86 58.9 44.5 82.7



Abundance Ion 84.00 (83.70 to 84.70): VV010278.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV010278.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV010278.D (-437) (-)

15000

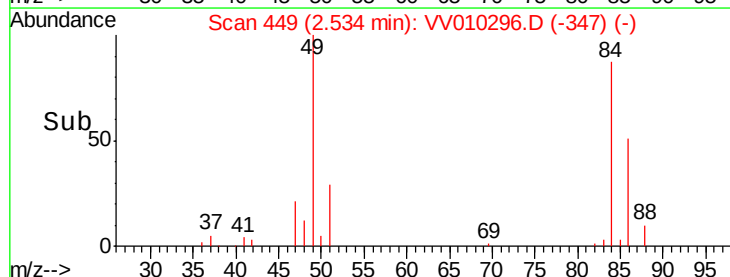
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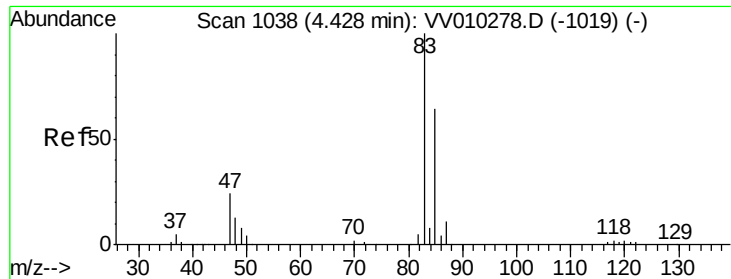
5000

0

Time-->

2.50 2.55

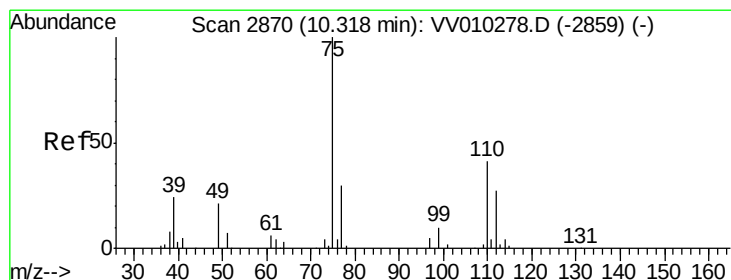
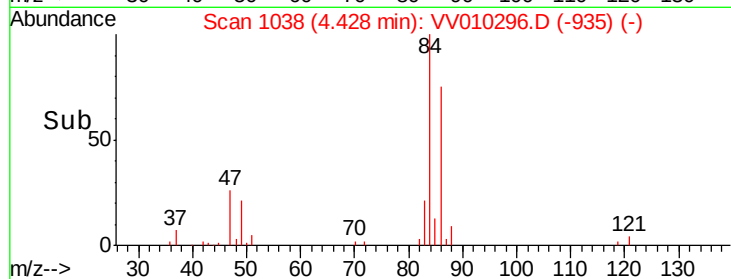
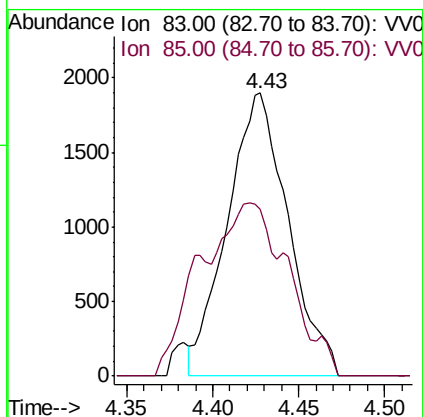
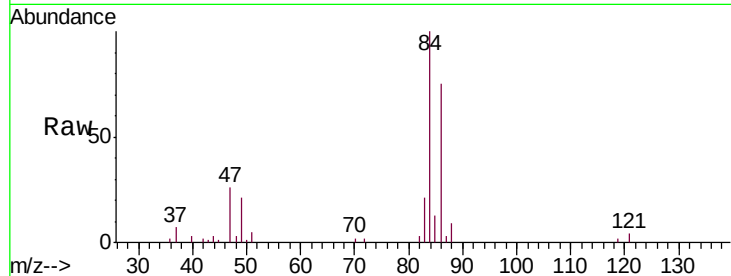




#25
Chloroform
Concen: 0.971 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. -0.00 min
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Tgt Ion: 83 Resp: 4668
Ion Ratio Lower Upper
83 100
85 21.9 45.4 84.2#



#59
1,2,3-Trichloropropane
Concen: 5.572 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010296.D
Acq: 12 Apr 2019 19:00

Tgt Ion: 75 Resp: 10714
Ion Ratio Lower Upper
75 100
77 40.5 26.9 40.3#

