

Data File : VV010856.D
Acq On : 14 May 2019 12:24
Operator : SY/MD
Sample : K2692-21RE
Misc : 5.01G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5184RE

Manual Integrations
APPROVED

MMDadoda
5/20/2019 1:04:15 AM

Quant Time: May 15 07:29:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 06:52:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	126482	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	104838	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	28885	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30010	18.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.48%
7) Chloroethane-d5	1.56	69	22152	21.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.36%
10) 1,1-Dichloroethene-d2	2.12	63	40022	13.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.48%
20) 2-Butanone-d5	3.93	46	24797	48.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.82%
24) Chloroform-d	4.40	84	68665	18.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.20%
26) 1,2-Dichloroethane-d4	5.08	65	43165	20.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.16%
29) Benzene-d6	5.09	84	133455	23.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.00%
33) 1,2-Dichloropropane-d6	6.11	67	44070	23.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.20%
37) Toluene-d8	7.36	98	101267	18.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.64%
38) trans-1,3-Dichloropropene-	7.66	79	14206	17.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.36%
39) 2-Hexanone-d5	8.13	63	18223	51.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.90%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	34417	20.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	21137	17.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.08%#

Target Compounds					Qvalue
13) Acetone	2.19	43	13238	25.636 ug/L	99
15) Methyl Acetate	2.46	43	7061	6.565 ug/L	100
21) 2-Butanone	4.04	43	2037m	3.056 ug/L	
44) Toluene	7.43	91	6670	0.982 ug/L	79

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

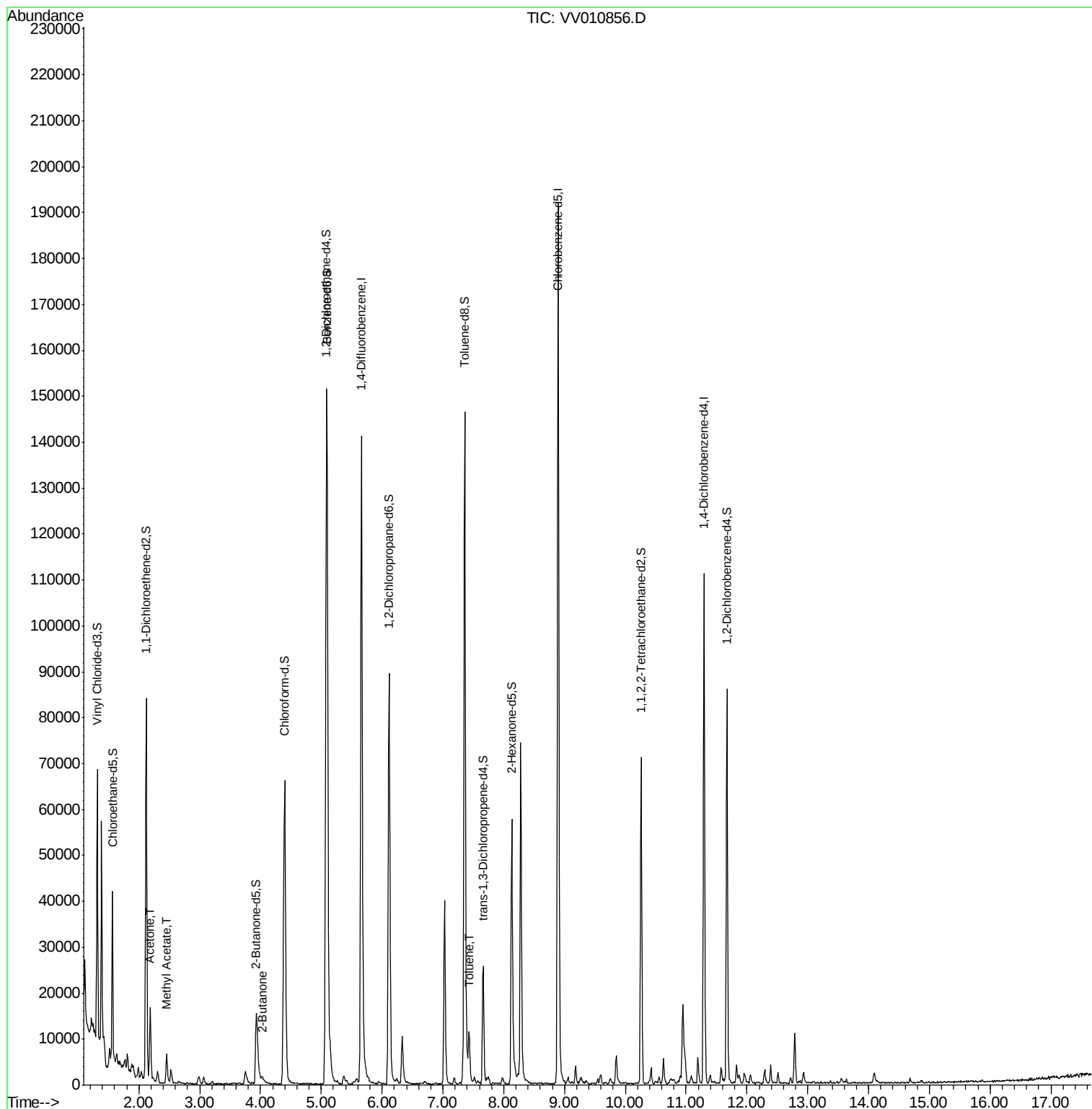
Data File : VV010856.D
Acq On : 14 May 2019 12:24
Operator : SY/MD
Sample : K2692-21RE
Misc : 5.01G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

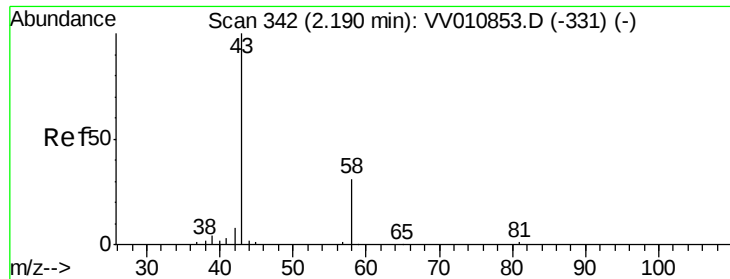
Instrument :
MSVOA_V
ClientSampleId :
A5184RE

Manual Integrations
APPROVED

MMDadoda
5/20/2019 1:04:15 AM

Quant Time: May 15 07:29:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 06:52:21 2019
Response via : Initial Calibration





#13

Acetone

Concen: 25.636 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV010856.D

Acq: 14 May 2019 12:24

Instrument :

MSVOA_V

ClientSampled :

A5184RE

Tgt Ion: 43 Resp: 13238

Ion Ratio Lower Upper

43 100

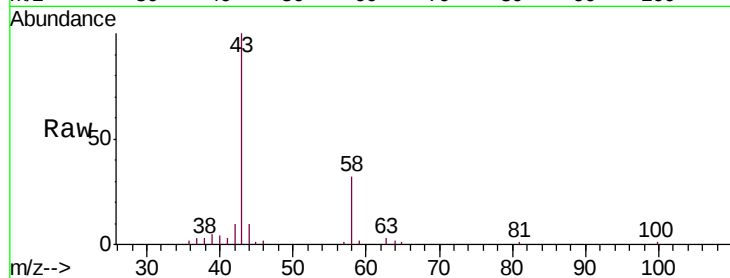
58 34.0 0.0 69.2

Manual Integrations

APPROVED

MMDadoda

5/20/2019 1:04:15 AM



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

10000

8000

6000

4000

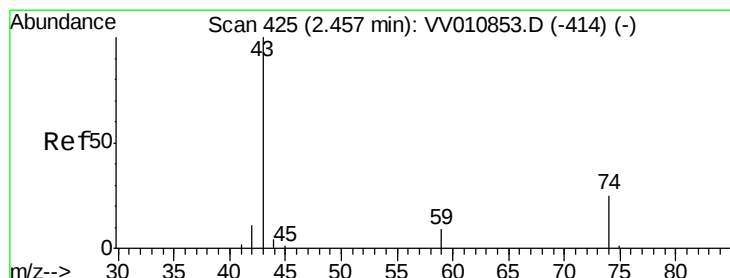
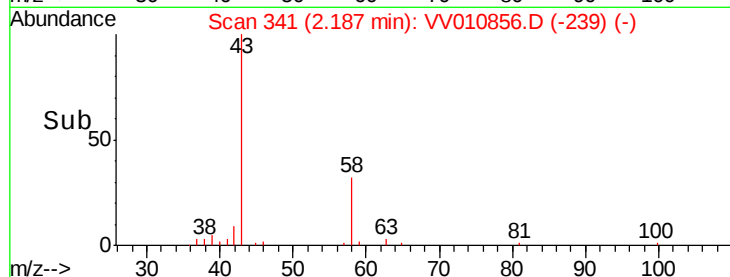
2000

0

Time-->

2.15 2.20 2.25

2.19



#15

Methyl Acetate

Concen: 6.565 ug/L

RT: 2.46 min Scan# 425

Delta R.T. 0.00 min

Lab File: VV010856.D

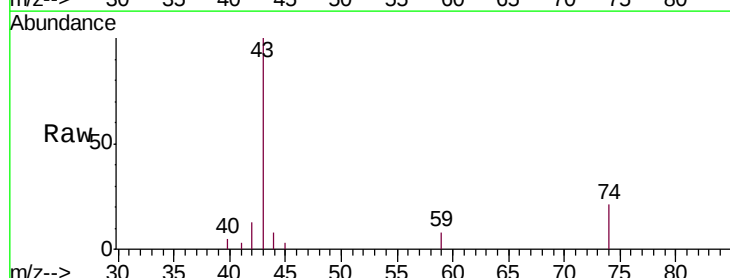
Acq: 14 May 2019 12:24

Tgt Ion: 43 Resp: 7061

Ion Ratio Lower Upper

43 100

74 23.1 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0

5000

4000

3000

2000

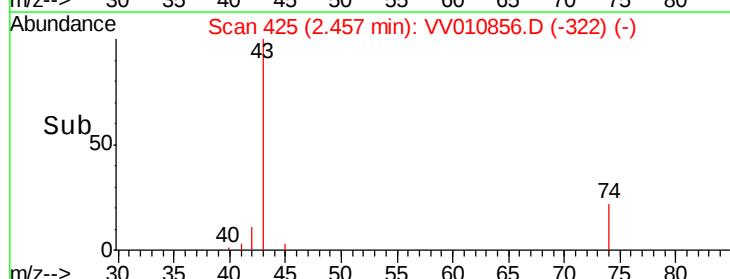
1000

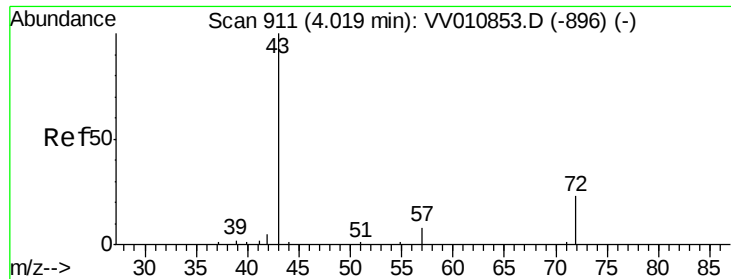
0

Time-->

2.40 2.45 2.50

2.46





#21

2-Butanone

Concen: 3.056 ug/L m

RT: 4.04 min Scan# 916

Delta R.T. 0.02 min

Lab File: VV010856.D

Acq: 14 May 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

A5184RE

Tgt Ion: 43 Resp: 2037

Ion Ratio Lower Upper

43 100

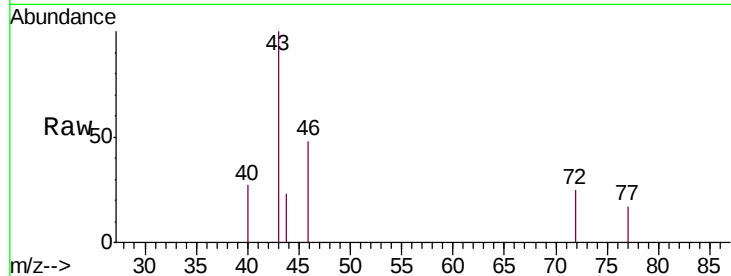
72 19.5 13.7 41.1

Manual Integrations

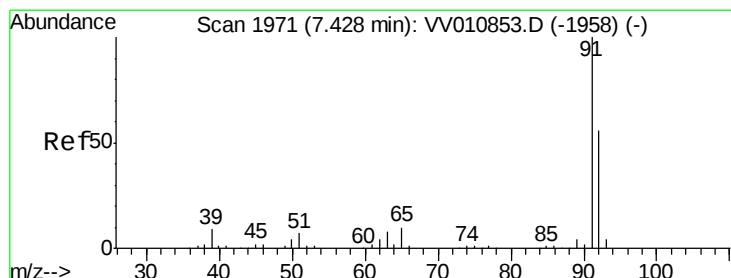
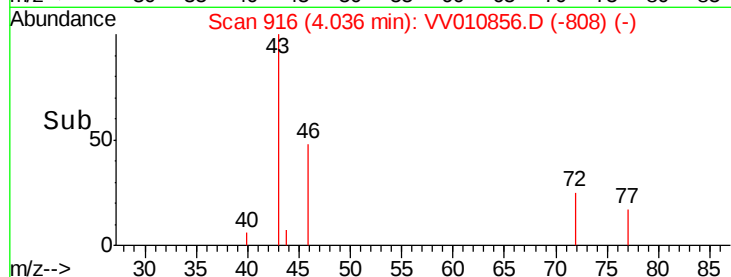
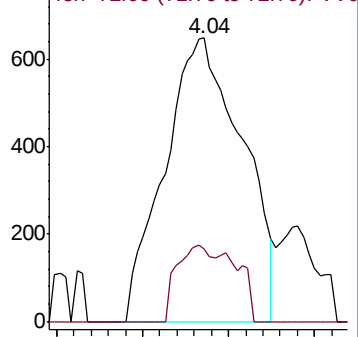
APPROVED

MMDadoda

5/20/2019 1:04:15 AM



Abundance Ion 43.00 (42.70 to 43.70): VV010853.D (-896) (-)



#44

Toluene

Concen: 0.982 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VV010856.D

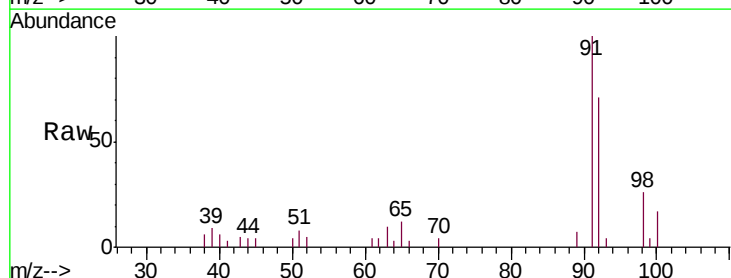
Acq: 14 May 2019 12:24

Tgt Ion: 91 Resp: 6670

Ion Ratio Lower Upper

91 100

92 71.3 39.1 72.7



Abundance Ion 91.00 (90.70 to 91.70): VV010853.D (-1958) (-)

