

Data File : VV010885.D
Acq On : 15 May 2019 03:51
Operator : SY/MD
Sample : K2738-15
Misc : 4.34G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB899

Manual Integrations
APPROVED

MMDadoda
5/20/2019 1:04:17 AM

Quant Time: May 15 08:46:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 08:08:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	140986	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	141255	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	60132	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	34140	19.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.04%
7) Chloroethane-d5	1.55	69	29509	25.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.84%
10) 1,1-Dichloroethene-d2	2.11	63	53635	15.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.12%
20) 2-Butanone-d5	3.93	46	33880	59.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.90%
24) Chloroform-d	4.39	84	82951	20.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.52%
26) 1,2-Dichloroethane-d4	5.07	65	58815	25.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.68%
29) Benzene-d6	5.09	84	190947	24.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.68%
33) 1,2-Dichloropropane-d6	6.11	67	65719	26.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.40%
37) Toluene-d8	7.36	98	168067	22.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.48%
38) trans-1,3-Dichloropropene-	7.66	79	24159	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.80%
39) 2-Hexanone-d5	8.13	63	23932	50.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.26%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	55804	24.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.48%
61) 1,2-Dichlorobenzene-d4	11.67	152	61138	24.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.36%

Target Compounds						Qvalue
13) Acetone	2.20	43	1722208	2991.978	ug/L	96
21) 2-Butanone	4.05	43	6321m	8.507	ug/L	

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

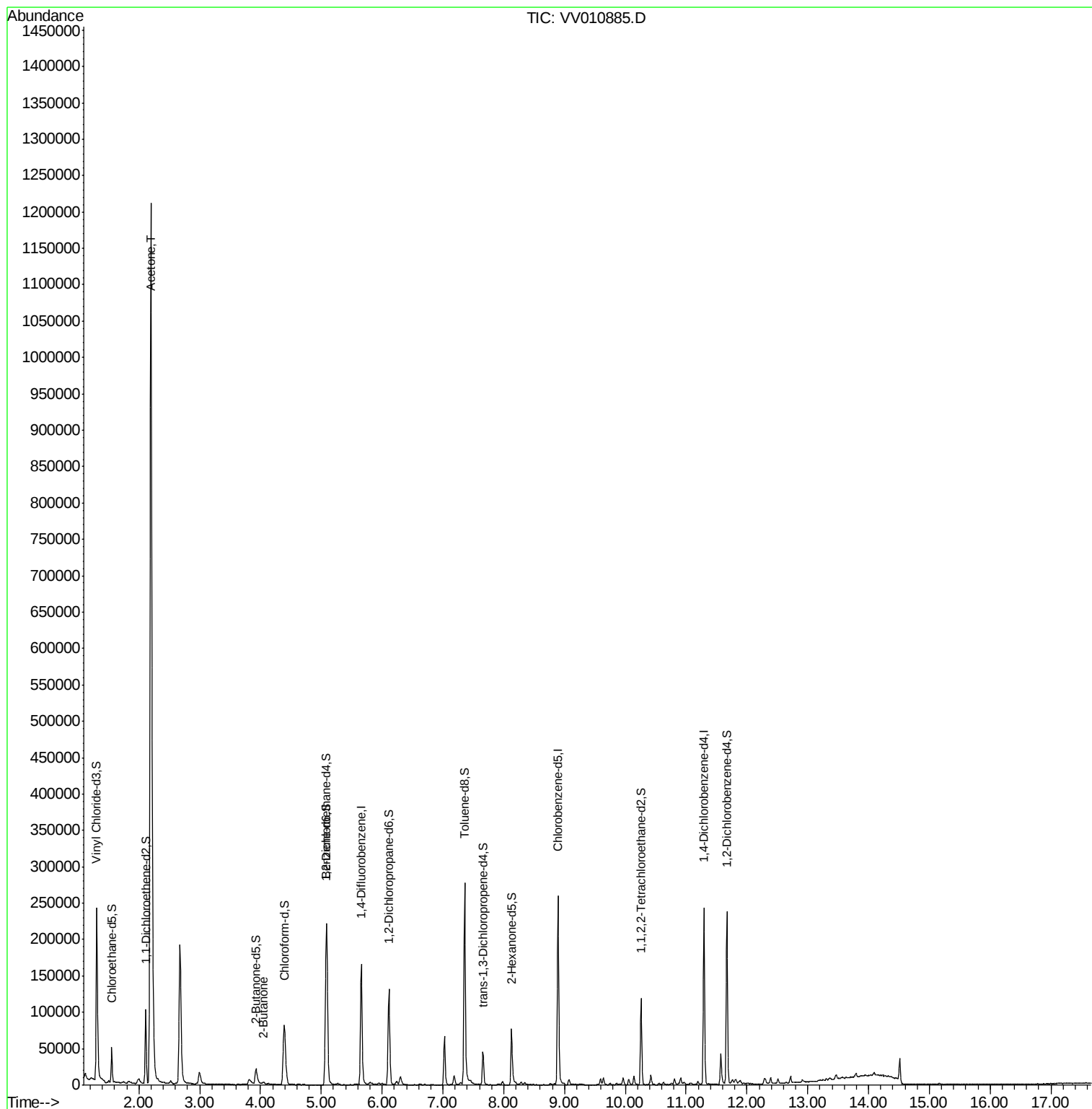
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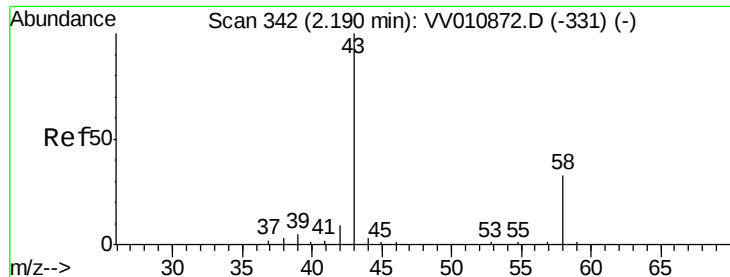
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#13

Acetone

Concen: 2991.978 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

Lab File: VV010885.D

Acq: 15 May 2019 03:51

Instrument :

MSVOA_V

ClientSampleId :

DB899

Tgt Ion: 43 Resp: 1722208

Ion Ratio Lower Upper

43 100

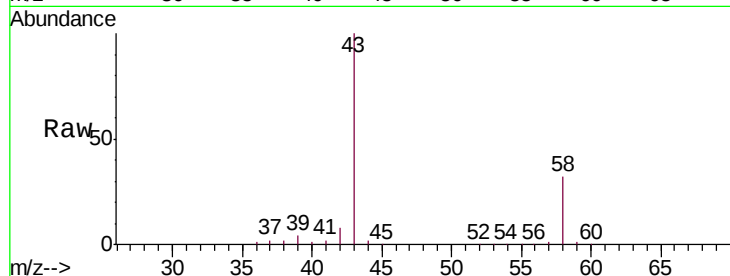
58 32.2 0.0 69.2

Manual Integrations

APPROVED

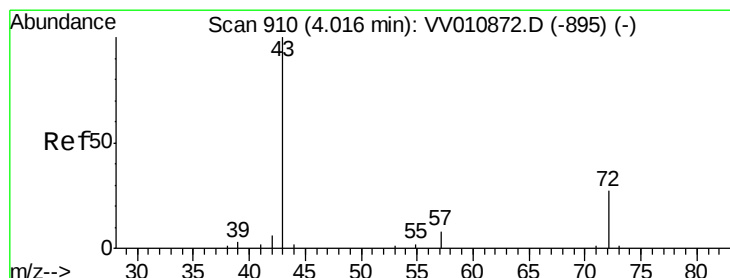
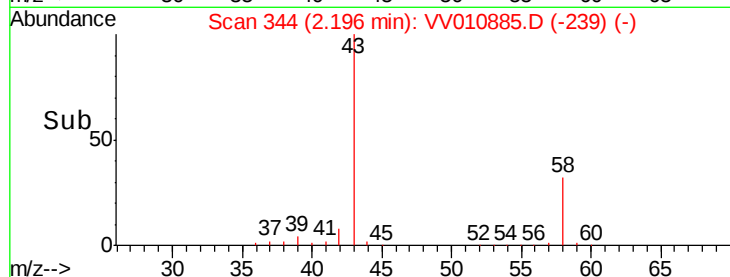
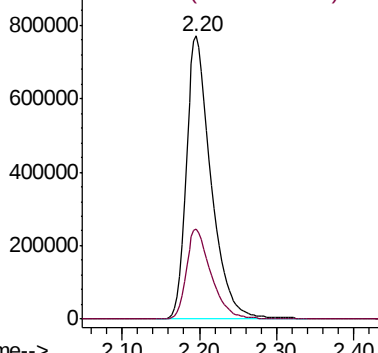
MMDadoda

5/20/2019 1:04:17 AM



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#21

2-Butanone

Concen: 8.507 ug/L m

RT: 4.05 min Scan# 921

Delta R.T. 0.04 min

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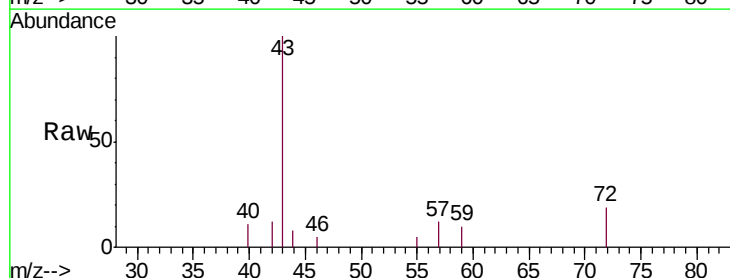
Acq: 15 May 2019 03:51

Tgt Ion: 43 Resp: 6321

Ion Ratio Lower Upper

43 100

72 12.6 13.7 41.1#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0

