

Data File : VV011035.D
Acq On : 23 May 2019 18:57
Operator : SY/MD
Sample : K3016-02
Misc : 5.53G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51C1

Quant Time: May 24 08:51:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 08:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	68542	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	66125	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	20824	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	12436	15.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.68%
7) Chloroethane-d5	1.57	69	10122	19.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.52%
10) 1,1-Dichloroethene-d2	2.12	63	18893	12.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.28%
20) 2-Butanone-d5	3.94	46	22276	82.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	165.24%#
24) Chloroform-d	4.40	84	40672	22.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.64%
26) 1,2-Dichloroethane-d4	5.08	65	25133	24.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.08%
29) Benzene-d6	5.10	84	73536	20.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.48%
33) 1,2-Dichloropropane-d6	6.12	67	26846	23.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.60%
37) Toluene-d8	7.36	98	58470	17.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.68%
38) trans-1,3-Dichloropropene-	7.66	79	9679	20.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.20%
39) 2-Hexanone-d5	8.13	63	17584	82.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	164.38%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	33526	29.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	17507	20.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.84%

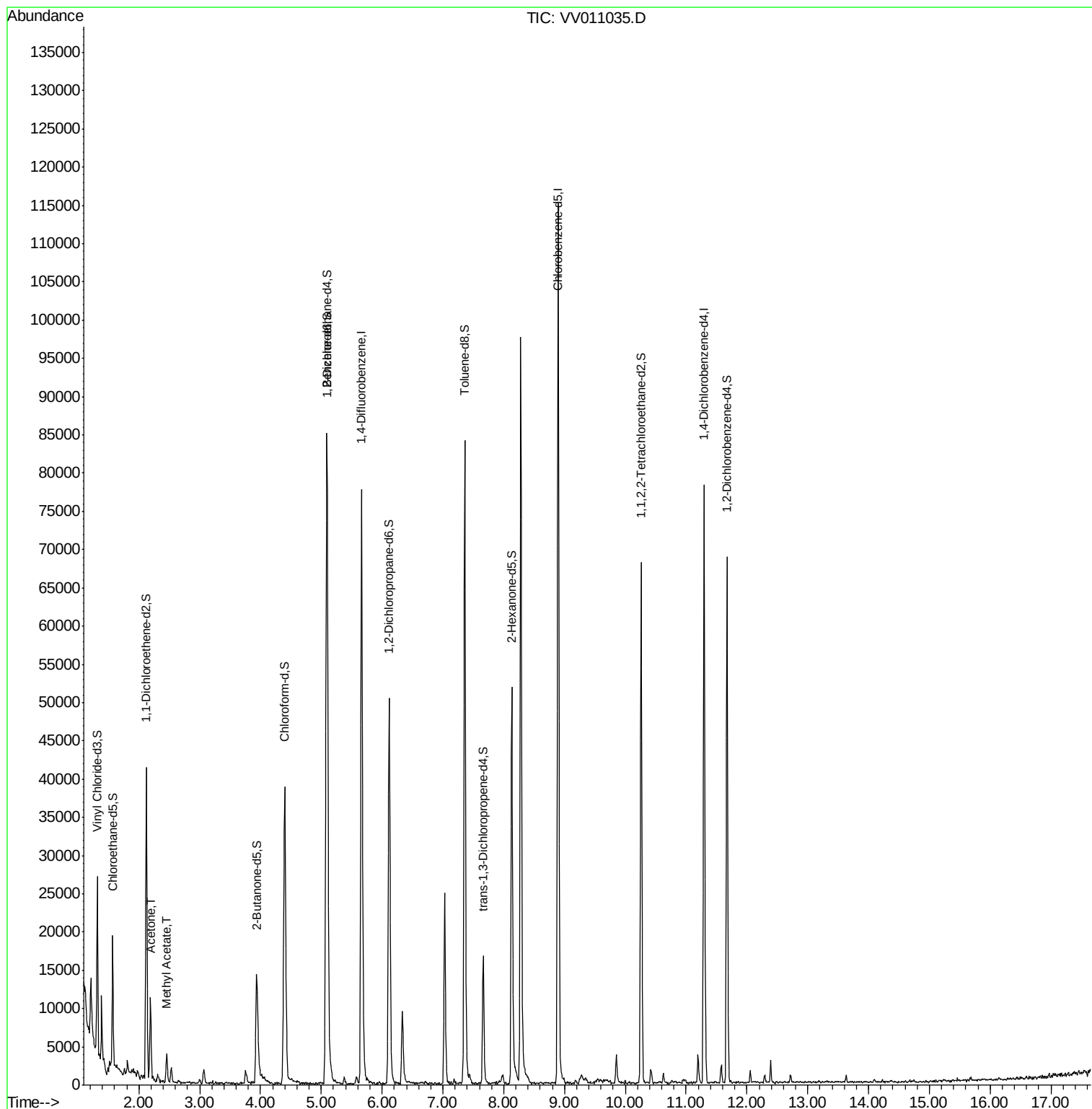
Target Compounds					Qvalue
13) Acetone	2.19	43	9206	35.406 ug/L	90
15) Methyl Acetate	2.46	43	3888	7.783 ug/L #	88

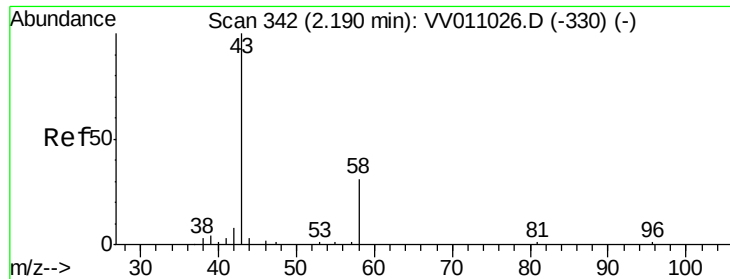
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 35.406 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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MSVOA_V

ClientSampleId :

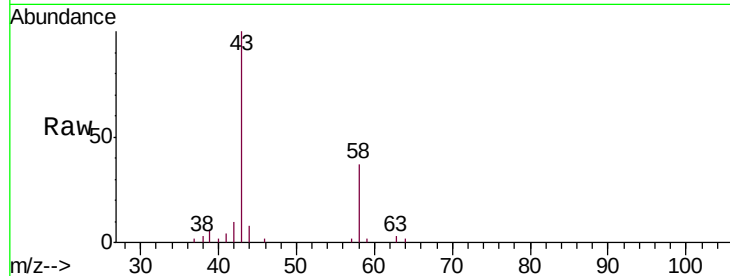
A51C1

Tgt Ion: 43 Resp: 9206

Ion Ratio Lower Upper

43 100

58 36.0 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV011026.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV011026.D (-330) (-)

2.19

6000

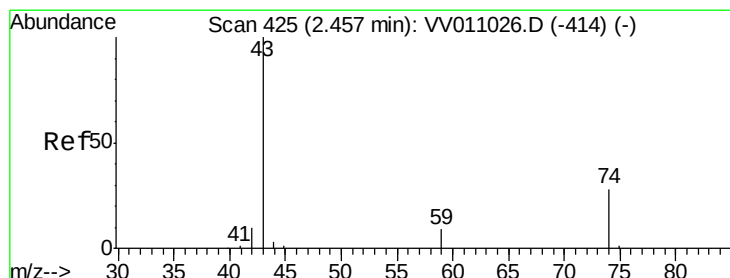
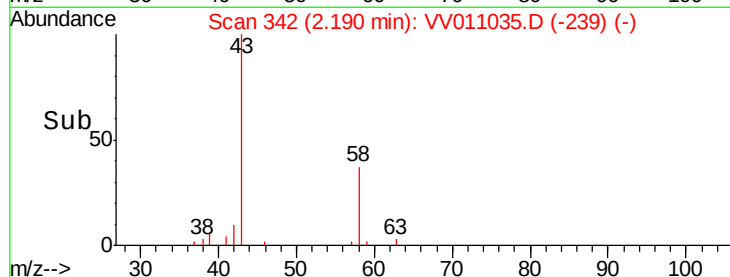
4000

2000

0

Time-->

2.15 2.20



#15

Methyl Acetate

Concen: 7.783 ug/L

RT: 2.46 min Scan# 425

Delta R.T. 0.00 min

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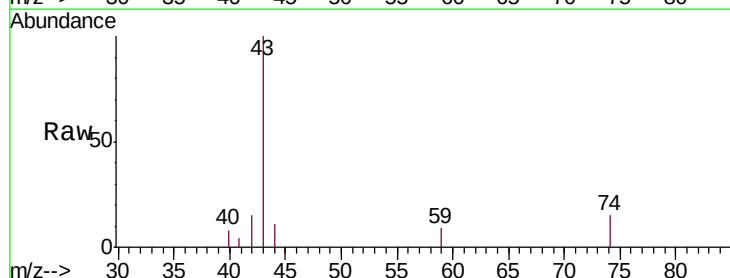
Acq: 23 May 2019 18:57

Tgt Ion: 43 Resp: 3888

Ion Ratio Lower Upper

43 100

74 20.2 21.1 31.7#



Abundance Ion 43.00 (42.70 to 43.70): VV011026.D (-414) (-)

Ion 74.00 (73.70 to 74.70): VV011026.D (-414) (-)

2.46

3000

2500

2000

1500

1000

500

0

Time-->

2.40 2.45 2.50

