

Data File : VV011176.D
Acq On : 31 May 2019 12:43
Operator : SY/MD
Sample : K3017-21
Misc : 4.78G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51F2

Quant Time: Jun 01 00:08:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 23:16:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	444574	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	396482	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	120744	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	109010	18.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.48%
7) Chloroethane-d5	1.56	69	89032	19.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.00%
10) 1,1-Dichloroethene-d2	2.11	63	167910	13.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.40%
20) 2-Butanone-d5	3.93	46	84131	38.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.54%
24) Chloroform-d	4.39	84	206406	18.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.96%
26) 1,2-Dichloroethane-d4	5.07	65	128452	18.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.56%
29) Benzene-d6	5.09	84	422325	19.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.44%
33) 1,2-Dichloropropane-d6	6.11	67	132091	19.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.60%
37) Toluene-d8	7.36	98	410194	20.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.76%
38) trans-1,3-Dichloropropene-	7.66	79	58021	18.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.32%
39) 2-Hexanone-d5	8.13	63	67998	43.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.74%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	111841	17.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	83300	18.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.76%#

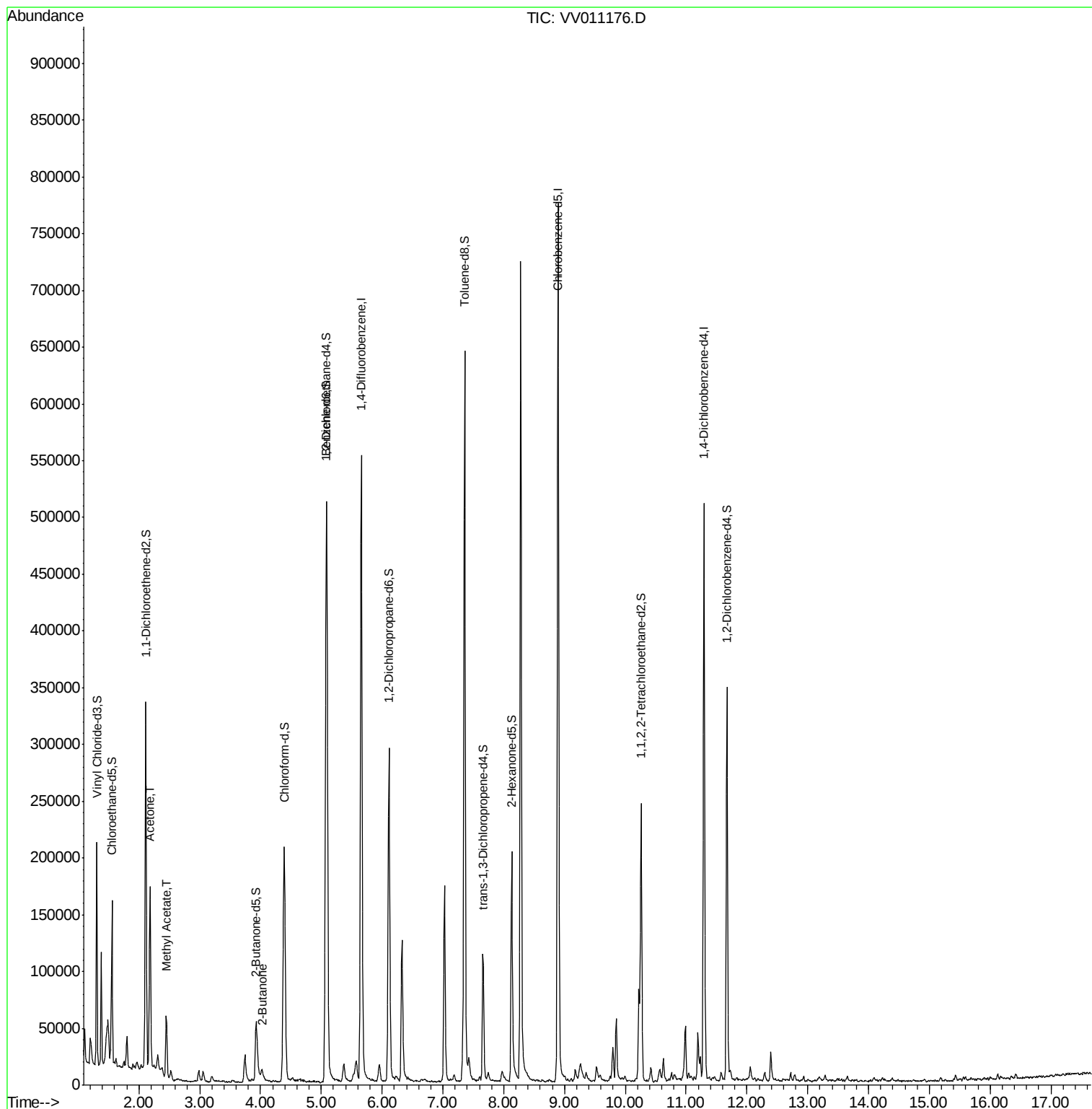
Target Compounds					Qvalue
13) Acetone	2.18	43	155735	60.891 ug/L	98
15) Methyl Acetate	2.45	43	60826	15.805 ug/L	96
21) 2-Butanone	4.02	43	14763	4.920 ug/L	98

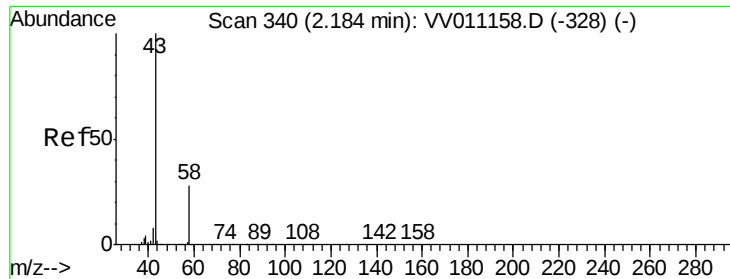
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 60.891 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

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ClientSampleId :

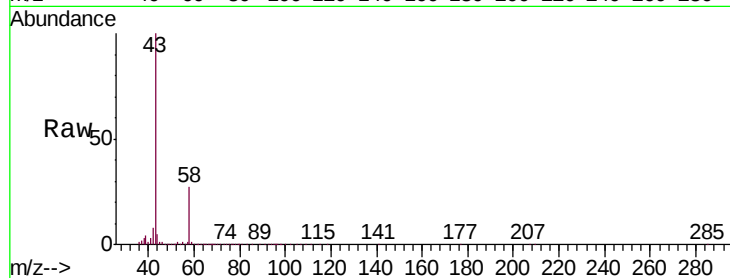
A51F2

Tgt Ion: 43 Resp: 155735

Ion Ratio Lower Upper

43 100

58 27.7 0.0 53.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.18

120000

100000

80000

60000

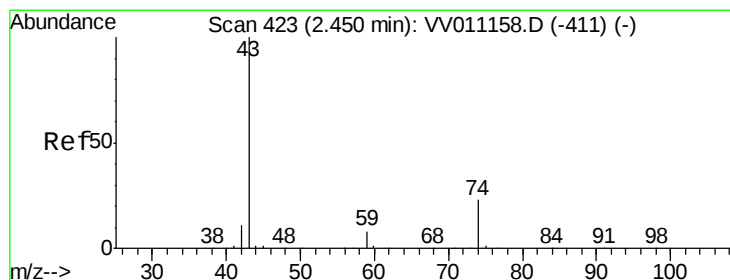
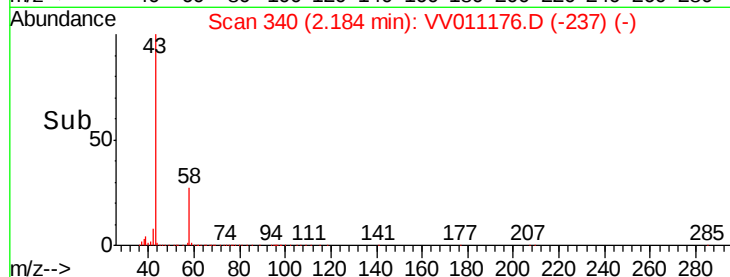
40000

20000

0

Time-->

2.10 2.15 2.20 2.25



#15

Methyl Acetate

Concen: 15.805 ug/L

RT: 2.45 min Scan# 423

Delta R.T. -0.00 min

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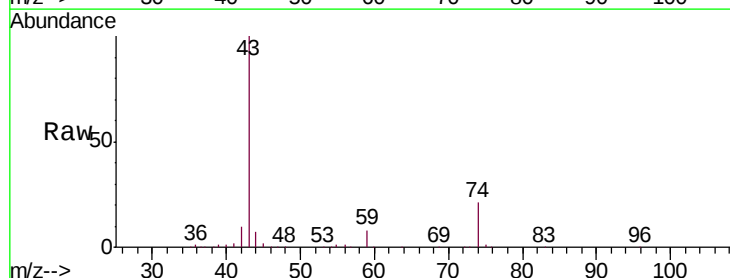
Acq: 31 May 2019 12:43

Tgt Ion: 43 Resp: 60826

Ion Ratio Lower Upper

43 100

74 22.3 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0

2.45

40000

30000

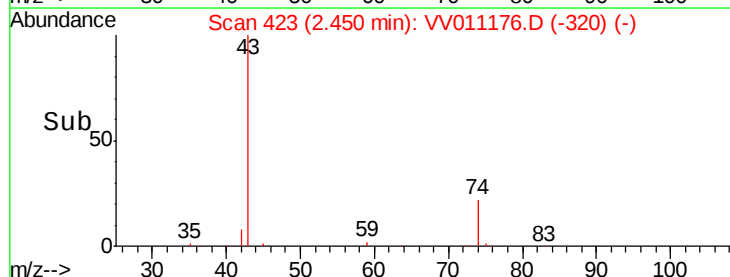
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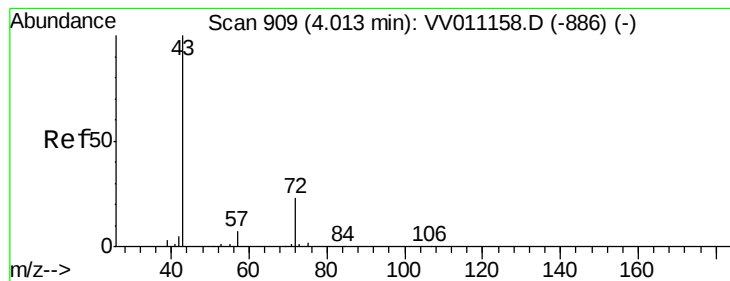
10000

0

Time-->

2.40 2.45 2.50





#21

2-Butanone

Concen: 4.920 ug/L

RT: 4.02 min Scan# 912

Delta R.T. 0.01 min

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Instrument :
MSVOA_V
ClientSampleId :
A51F2

Tgt Ion: 43 Resp: 14763

Ion Ratio Lower Upper

43 100

72 21.1 11.1 33.3

