

Data File : VV011166.D
Acq On : 31 May 2019 07:05
Operator : SY/MD
Sample : K3017-14
Misc : 5.87G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51E7RE

Quant Time: May 31 08:25:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 08:21:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	346407	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	316679	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	96786	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	111049	23.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.76%
7) Chloroethane-d5	1.55	69	92365	25.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.52%
10) 1,1-Dichloroethene-d2	2.11	63	154065	16.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.04%
20) 2-Butanone-d5	3.93	46	100455	58.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.28%
24) Chloroform-d	4.39	84	203925	24.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.32%
26) 1,2-Dichloroethane-d4	5.07	65	133822	24.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.00%
29) Benzene-d6	5.09	84	433108	25.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.72%
33) 1,2-Dichloropropane-d6	6.11	67	139534	25.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.28%
37) Toluene-d8	7.36	98	418565	25.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.20%
38) trans-1,3-Dichloropropene-	7.66	79	58801	23.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.32%
39) 2-Hexanone-d5	8.13	63	82382	65.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.56%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	133480	26.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.52%
61) 1,2-Dichlorobenzene-d4	11.67	152	90652	25.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.12%

Target Compounds

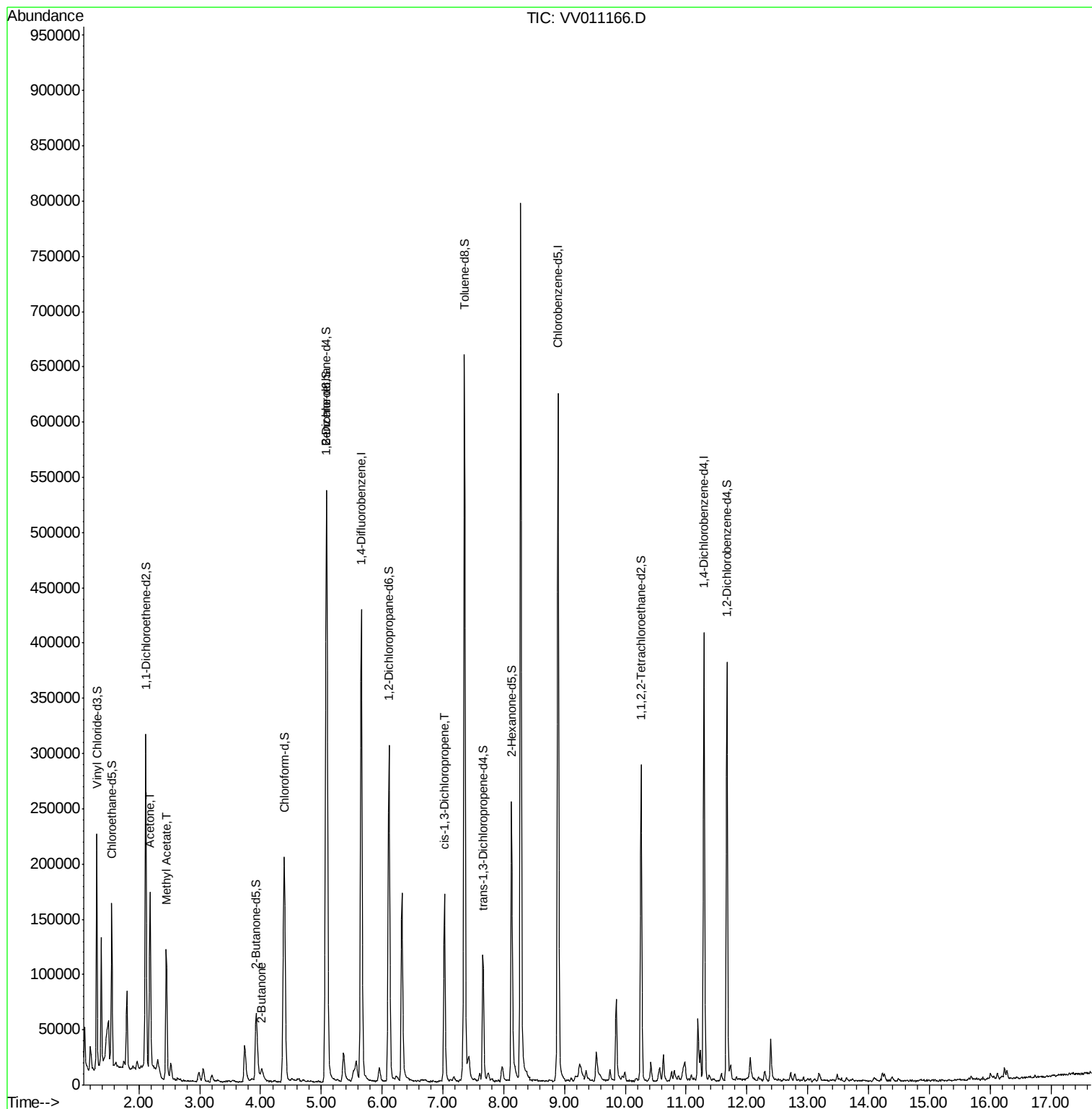
					Qvalue
13) Acetone	2.18	43	157283	78.924 ug/L	99
15) Methyl Acetate	2.45	43	128013	42.690 ug/L	98
21) 2-Butanone	4.02	43	17245	7.376 ug/L	91
42) cis-1,3-Dichloropropene	7.03	75	4602	0.587 ug/L #	77

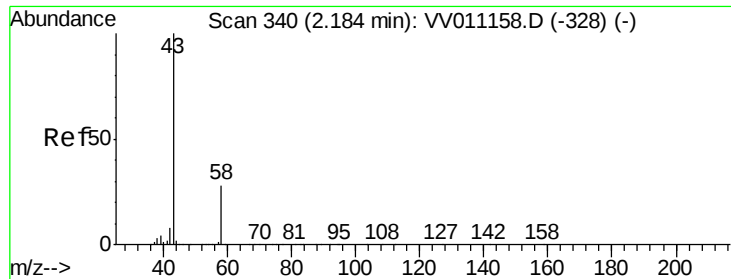
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 78.924 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

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MSVOA_V

ClientSampleId :

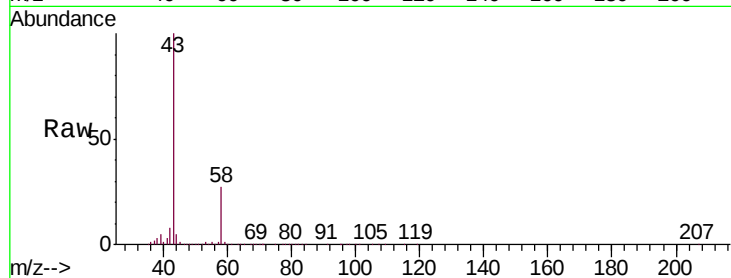
A51E7RE

Tgt Ion: 43 Resp: 157283

Ion Ratio Lower Upper

43 100

58 26.6 0.0 53.8



Abundance Ion 43.00 (42.70 to 43.70): VV011158.D (-328) (-)

Ion 58.00 (57.70 to 58.70): VV011158.D (-328) (-)

2.18

120000

100000

80000

60000

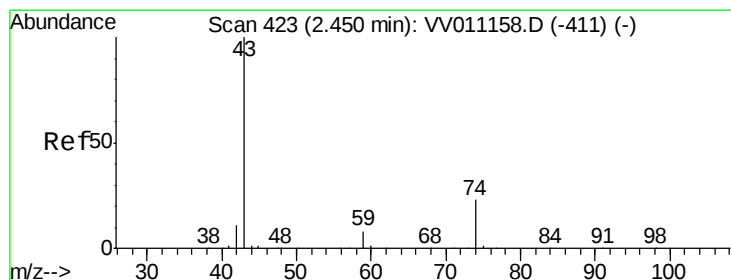
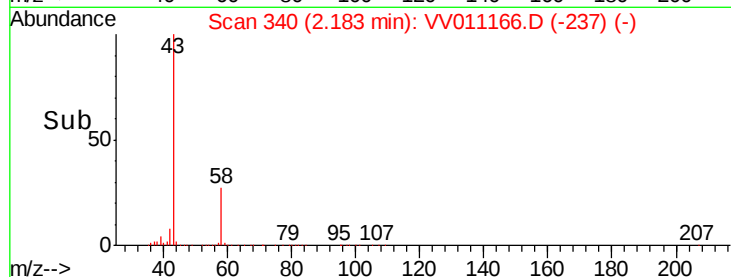
40000

20000

0

2.10 2.15 2.20 2.25

Time-->



#15

Methyl Acetate

Concen: 42.690 ug/L

RT: 2.45 min Scan# 423

Delta R.T. -0.00 min

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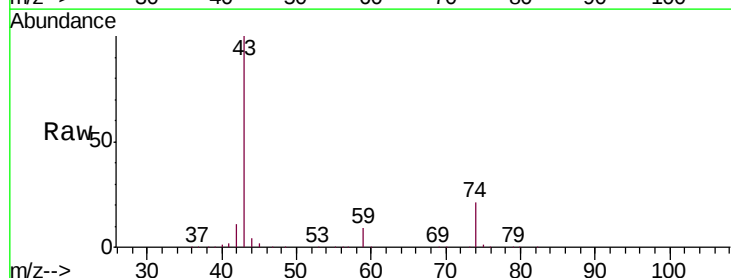
Acq: 31 May 2019 07:05

Tgt Ion: 43 Resp: 128013

Ion Ratio Lower Upper

43 100

74 21.1 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VV011158.D (-411) (-)

Ion 74.00 (73.70 to 74.70): VV011158.D (-411) (-)

2.45

80000

60000

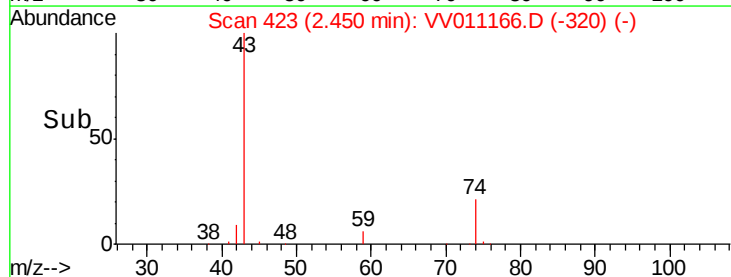
40000

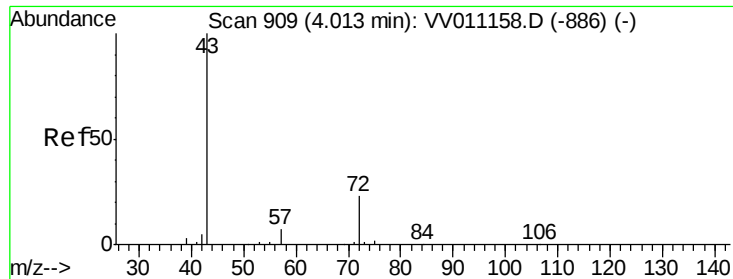
20000

0

2.40 2.45 2.50 2.55

Time-->





#21

2-Butanone

Concen: 7.376 ug/L

RT: 4.02 min Scan# 911

Delta R.T. 0.01 min

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MSVOA_V

ClientSampleId :

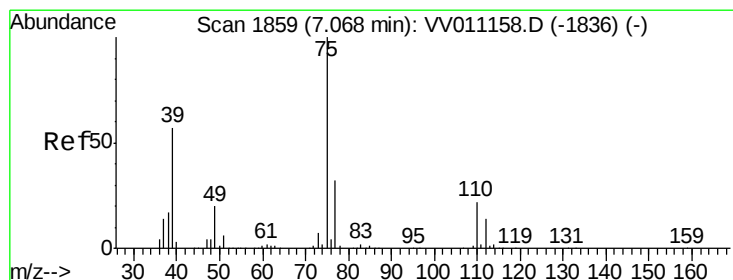
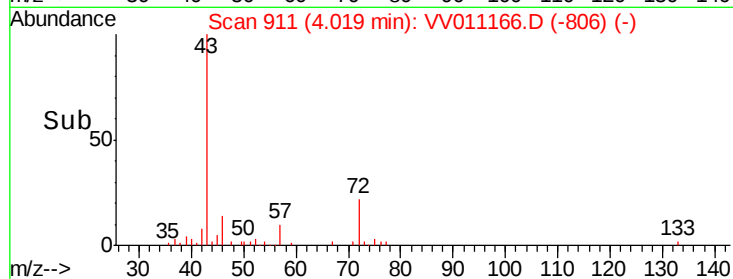
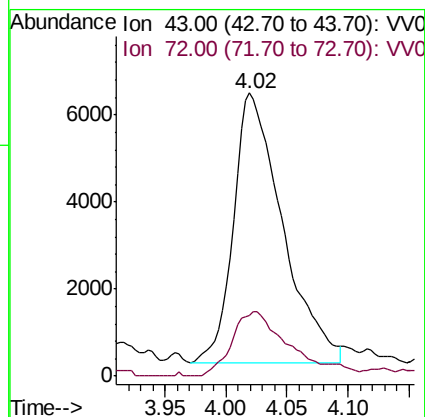
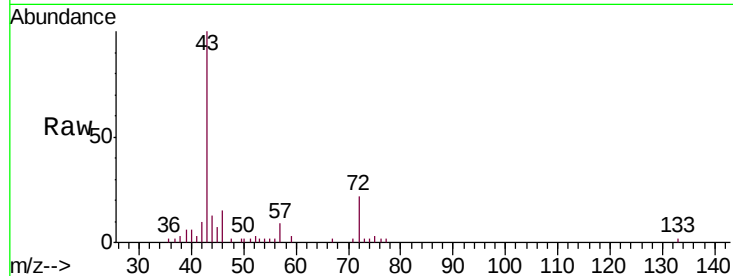
A51E7RE

Tgt Ion: 43 Resp: 17245

Ion Ratio Lower Upper

43 100

72 26.3 11.1 33.3



#42

cis-1,3-Dichloropropene

Concen: 0.587 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

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Acq: 31 May 2019 07:05

Tgt Ion: 75 Resp: 4602

Ion Ratio Lower Upper

75 100

77 43.2 21.3 39.6#

