

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053119\
 Data File : VV011182.D
 Acq On : 31 May 2019 17:11
 Operator : SY/MD
 Sample : K3083-03RE
 Misc : 3.07G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51F6RE

Quant Time: Jun 01 00:49:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 01 00:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	317047	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	234169	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62775	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	99460	23.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.76%
7) Chloroethane-d5	1.57	69	84260	25.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.20%
10) 1,1-Dichloroethene-d2	2.12	63	159310	18.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.36%
20) 2-Butanone-d5	3.94	46	73712	47.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.02%
24) Chloroform-d	4.40	84	196600	25.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.48%
26) 1,2-Dichloroethane-d4	5.08	65	118426	23.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.80%
29) Benzene-d6	5.09	84	390259	30.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.76%
33) 1,2-Dichloropropane-d6	6.12	67	122823	30.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.56%#
37) Toluene-d8	7.36	98	328551	27.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.52%
38) trans-1,3-Dichloropropene-	7.66	79	45824	24.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.40%
39) 2-Hexanone-d5	8.13	63	56700	61.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.46%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	80736	21.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	52553	22.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.48%

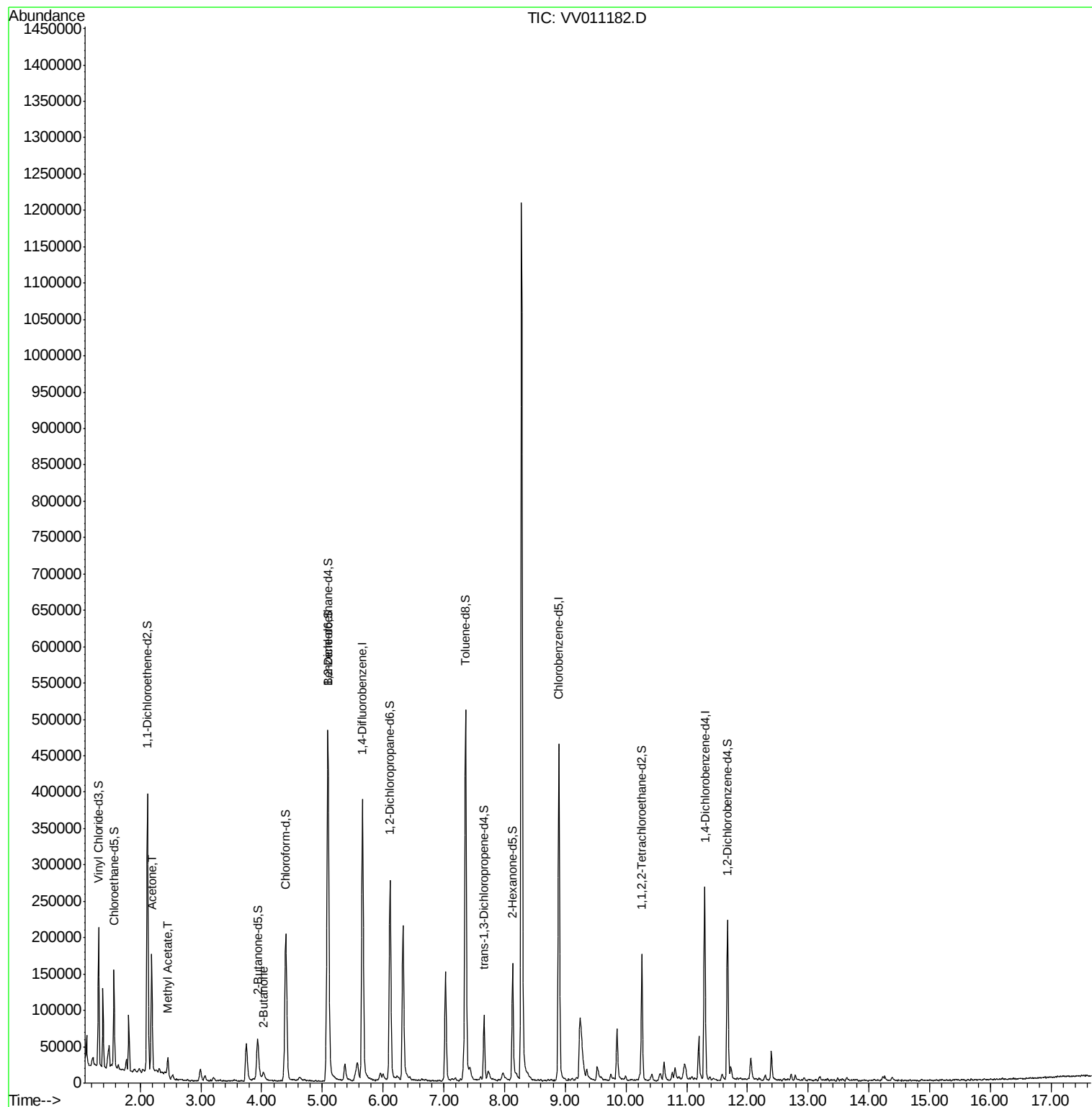
Target Compounds					Ovalue
13) Acetone	2.19	43	151611	83.123 ug/L	100
15) Methyl Acetate	2.46	43	25476	9.282 ug/L	98
21) 2-Butanone	4.03	43	16368	7.649 ug/L	79

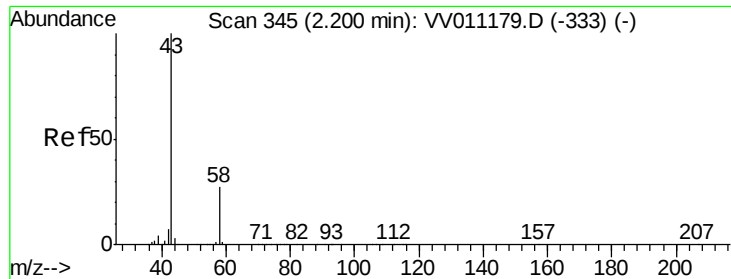
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 83.123 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV011182.D

Acq: 31 May 2019 17:11

Instrument :

MSVOA_V

ClientSampleId :

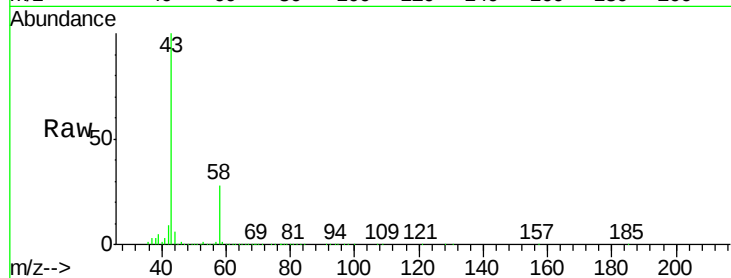
A51F6RE

Tot Ion: 43 Resp: 151611

Ion Ratio Lower Upper

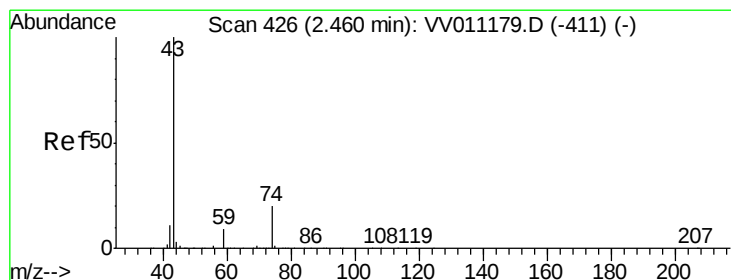
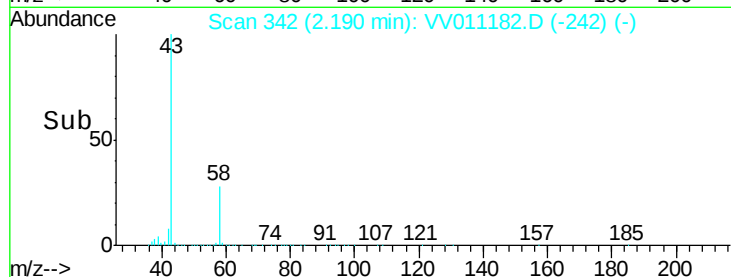
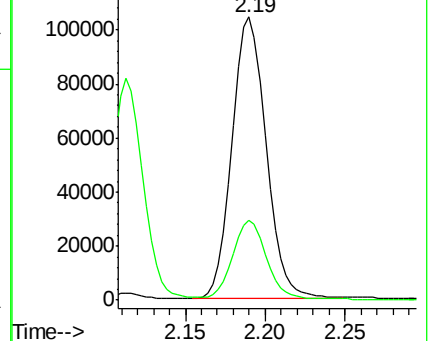
43 100

58 27.0 0.0 53.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#15

Methyl Acetate

Concen: 9.282 ug/L

RT: 2.46 min Scan# 425

Delta R.T. -0.00 min

Lab File: VV011182.D

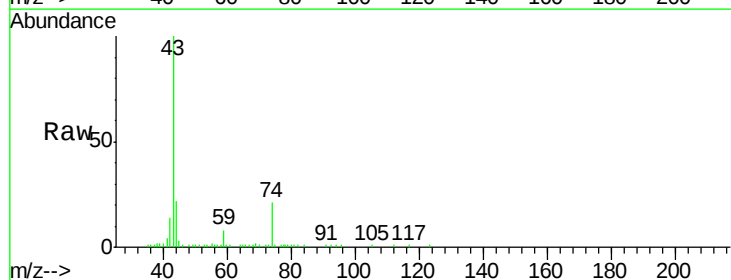
Acq: 31 May 2019 17:11

Tgt Ion: 43 Resp: 25476

Ion Ratio Lower Upper

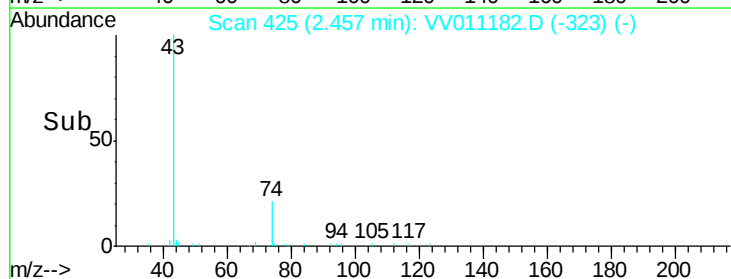
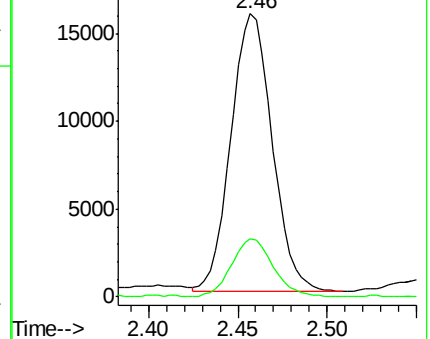
43 100

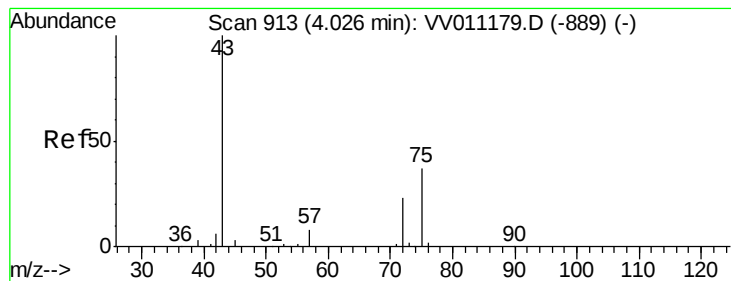
74 21.1 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0





#21
 2-Butanone
 Concen: 7.649 ug/L
 RT: 4.03 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: VV011182.D
 Acq: 31 May 2019 17:11

Instrument :
 MSVOA_V
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Tot Ion: 43 Resp: 16368
 Ion Ratio Lower Upper
 43 100
 72 12.1 11.1 33.3

