

Data File : VV011097.D
Acq On : 29 May 2019 10:17
Operator : SY/MD
Sample : VV0529SBL01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK65

Quant Time: May 30 03:54:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis
QLast Update : Thu May 30 03:51:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	384632	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	373041	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	167487	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	123667	23.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.80%
7) Chloroethane-d5	1.56	69	92932	24.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.76%
10) 1,1-Dichloroethene-d2	2.12	63	190727	19.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.76%
20) 2-Butanone-d5	3.93	46	87220	47.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.98%
24) Chloroform-d	4.40	84	214378	22.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.92%
26) 1,2-Dichloroethane-d4	5.08	65	137296	23.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.08%
29) Benzene-d6	5.09	84	495702	22.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.76%
33) 1,2-Dichloropropane-d6	6.11	67	153030	22.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.08%
37) Toluene-d8	7.36	98	463091	23.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.00%
38) trans-1,3-Dichloropropene-	7.66	79	67171	20.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.00%
39) 2-Hexanone-d5	8.13	63	64716	42.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.50%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	131776	22.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.20%
61) 1,2-Dichlorobenzene-d4	11.67	152	152919	23.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.36%

Target Compounds

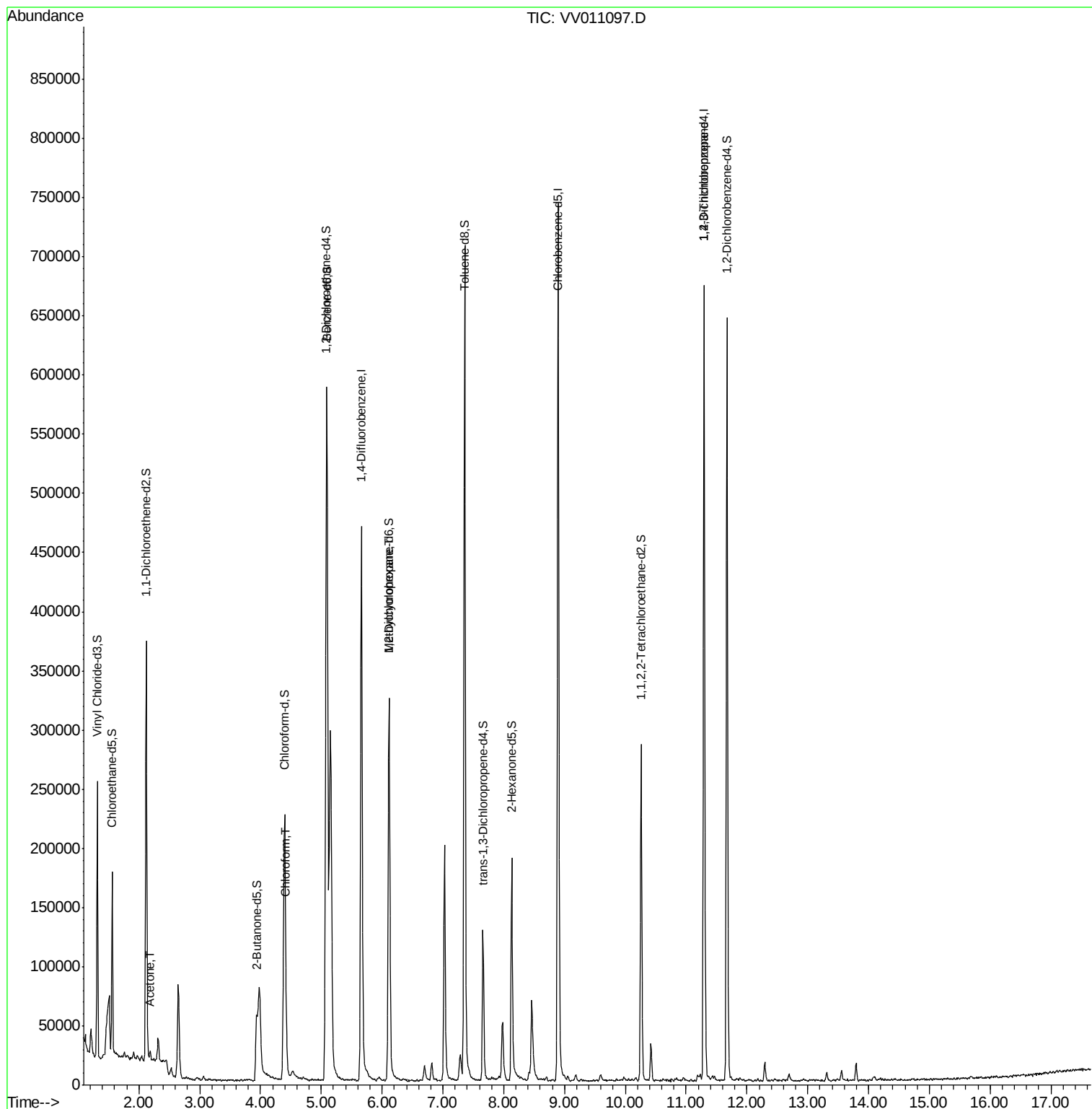
					Qvalue
13) Acetone	2.19	43	4563	2.216 ug/L	90
25) Chloroform	4.42	83	16033	1.478 ug/L	79
36) Methylcyclohexane	6.12	83	36443	3.585 ug/L #	15
59) 1,2,3-Trichloropropane	11.29	75	23672	5.277 ug/L	89

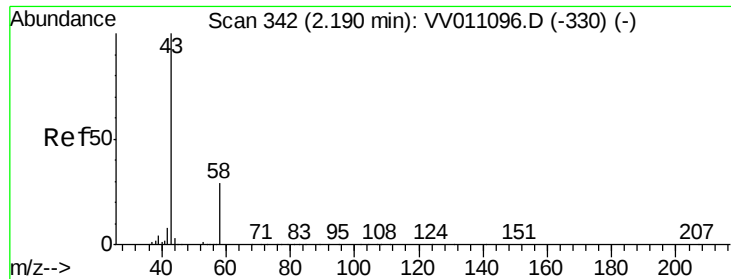
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.216 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

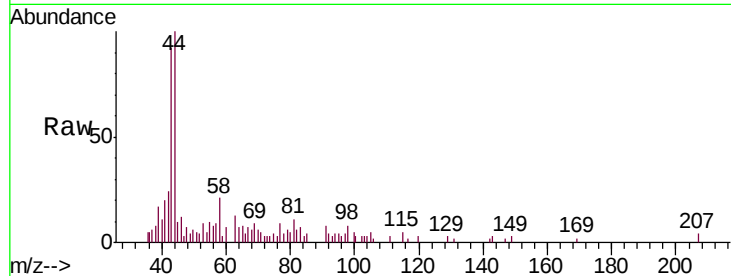
VBLK65

Tgt Ion: 43 Resp: 4563

Ion Ratio Lower Upper

43 100

58 22.1 0.0 54.8



Abundance Ion 43.00 (42.70 to 43.70): VV011096.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV011096.D (-330) (-)

2.19

4000

3000

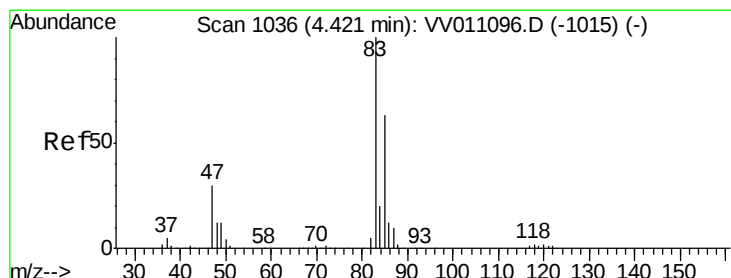
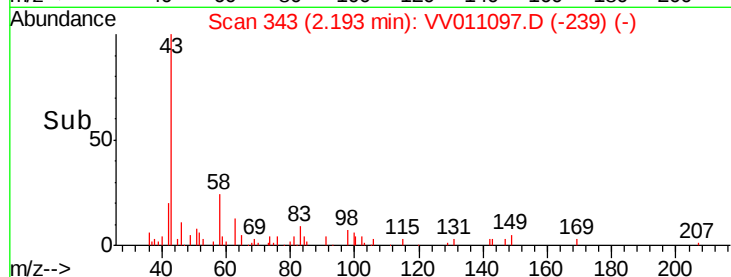
2000

1000

0

2.15 2.20 2.25

Time-->



#25

Chloroform

Concen: 1.478 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

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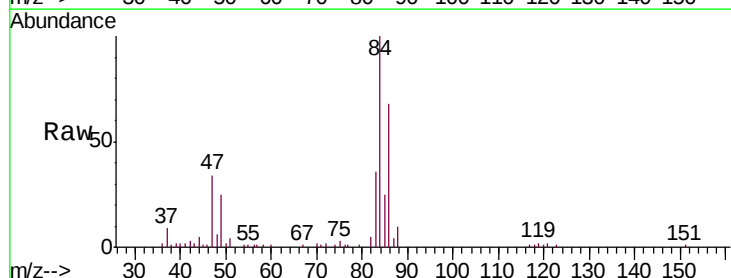
Acq: 29 May 2019 10:17

Tgt Ion: 83 Resp: 16033

Ion Ratio Lower Upper

83 100

85 83.0 46.2 85.8



Abundance Ion 83.00 (82.70 to 83.70): VV011096.D (-1015) (-)

Ion 85.00 (84.70 to 85.70): VV011096.D (-1015) (-)

4.42

6000

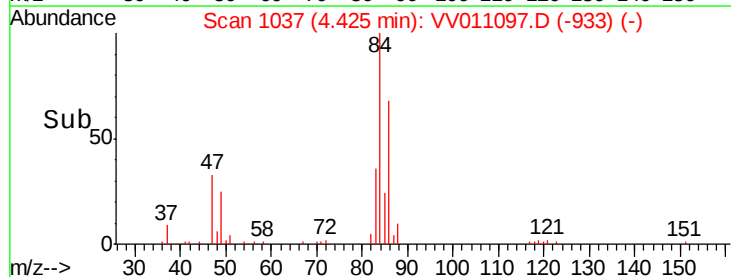
4000

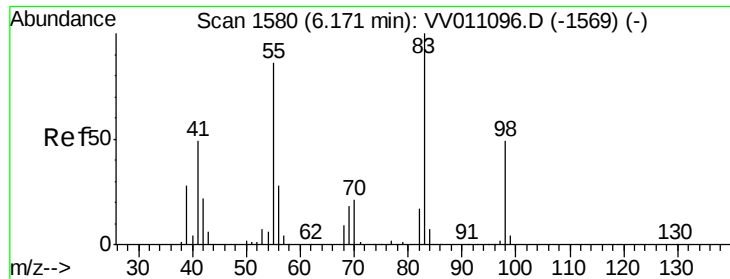
2000

0

4.35 4.40 4.45 4.50

Time-->

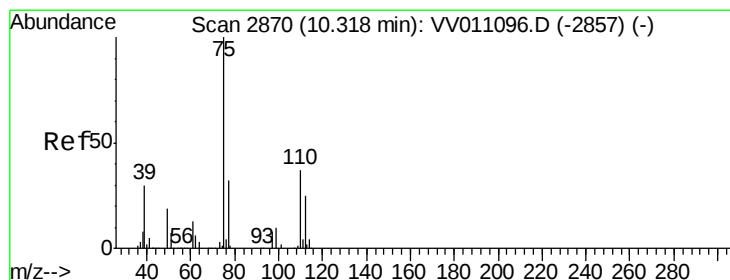
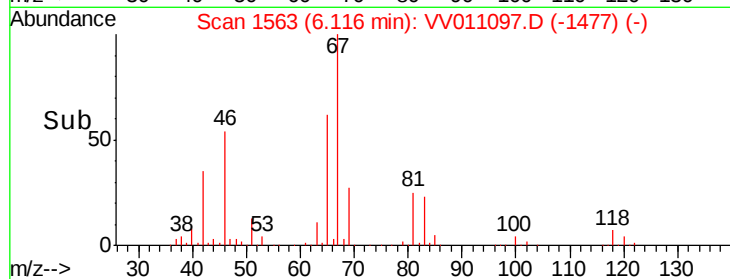
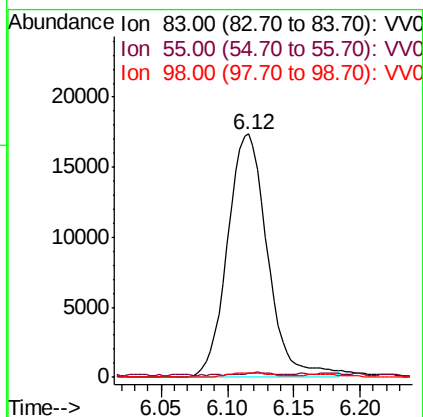
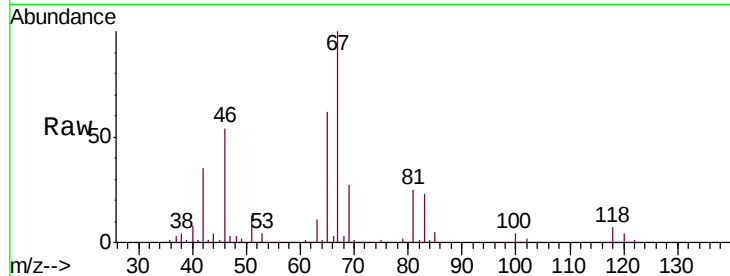




#36
Methylcyclohexane
Concen: 3.585 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
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Tgt Ion: 83 Resp: 36443
Ion Ratio Lower Upper
83 100
55 0.6 69.9 104.9#
98 2.2 40.0 60.0#



#59
1,2,3-Trichloropropane
Concen: 5.277 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV011097.D
Acq: 29 May 2019 10:17

Tgt Ion: 75 Resp: 23672
Ion Ratio Lower Upper
75 100
77 37.6 25.4 38.0

