

Data File : VV013000.D
Acq On : 26 Sep 2019 15:44
Operator : SY/MD
Sample : K4988-13
Misc : 5.08G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Sep 27 02:18:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 27 02:13:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	768252	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	761970	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	362720	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	251464	21.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.36%
7) Chloroethane-d5	1.58	69	201124	20.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.48%
10) 1,1-Dichloroethene-d2	2.13	63	332340	16.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.08%
20) 2-Butanone-d5	3.94	46	180178	43.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.56%
24) Chloroform-d	4.40	84	450062	21.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.28%
26) 1,2-Dichloroethane-d4	5.08	65	266966	21.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.04%
29) Benzene-d6	5.10	84	934844	21.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.88%
33) 1,2-Dichloropropane-d6	6.12	67	294526	22.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.36%
37) Toluene-d8	7.36	98	830046	21.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.96%
38) trans-1,3-Dichloropropene-	7.66	79	116194	20.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.32%
39) 2-Hexanone-d5	8.13	63	119813	44.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.30%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	264297	20.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.48%
61) 1,2-Dichlorobenzene-d4	11.67	152	332083	23.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.24%

Target Compounds

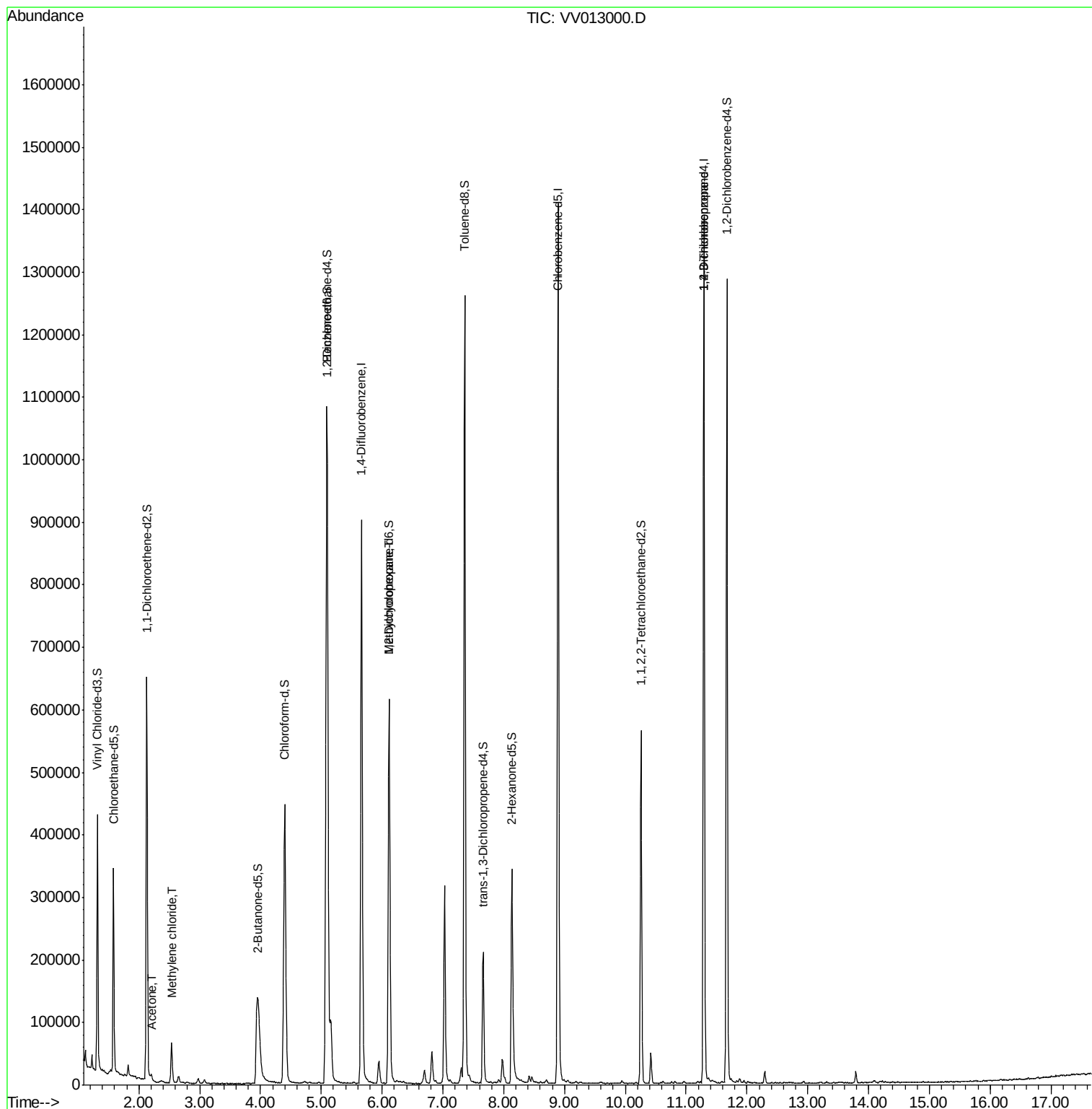
					Qvalue
13) Acetone	2.20	43	11557	2.642 ug/L	91
16) Methylene chloride	2.54	84	25036	2.180 ug/L	99
36) Methylcyclohexane	6.11	83	68674	3.786 ug/L #	18
59) 1,2,3-Trichloropropane	11.29	75	42425	4.438 ug/L	91

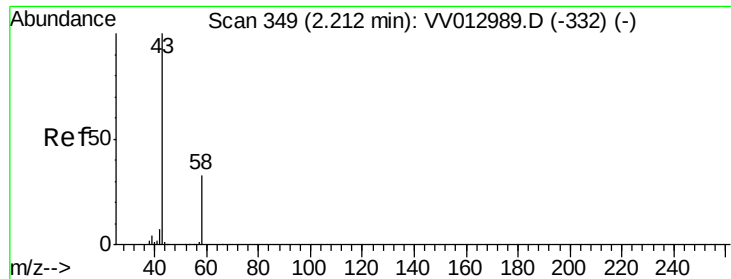
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.642 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.01 min

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MSVOA_V

ClientSampleId :

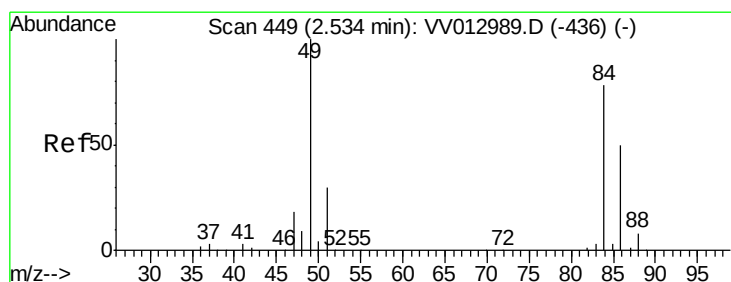
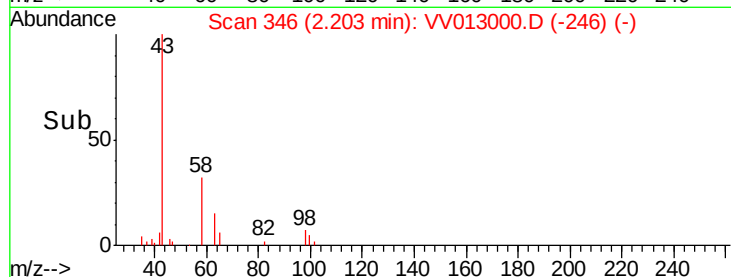
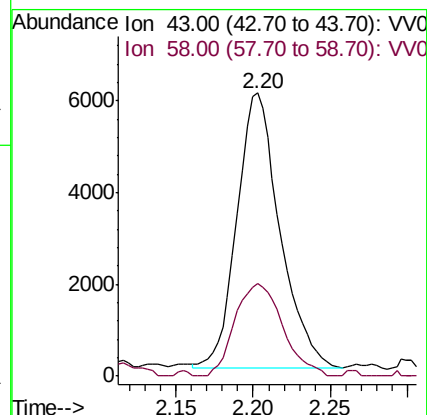
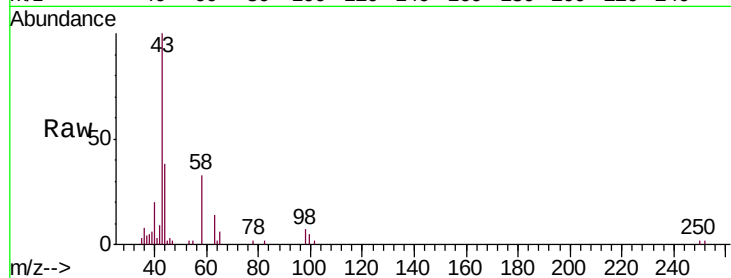
VHBLK01

Tgt Ion: 43 Resp: 11557

Ion Ratio Lower Upper

43 100

58 37.3 0.0 65.0



#16

Methylene chloride

Concen: 2.180 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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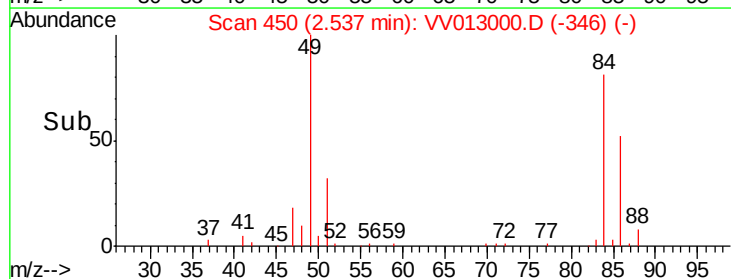
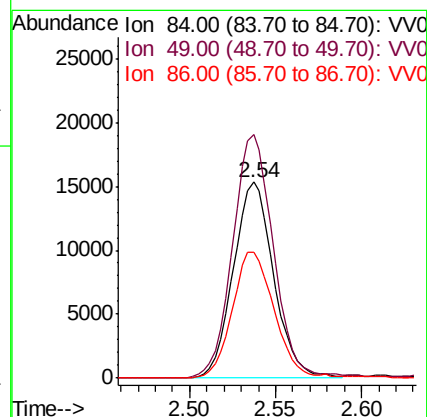
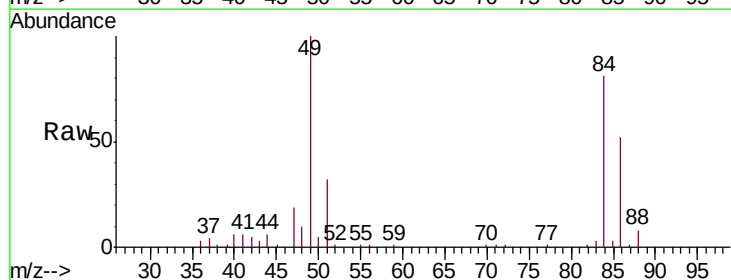
Tgt Ion: 84 Resp: 25036

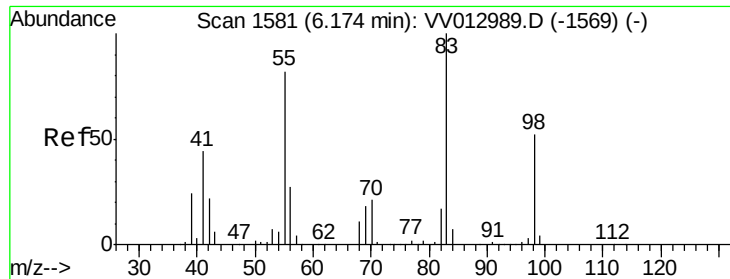
Ion Ratio Lower Upper

84 100

49 124.2 88.3 164.1

86 64.4 44.9 83.3

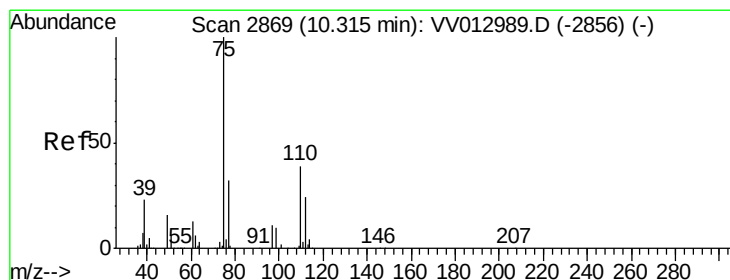
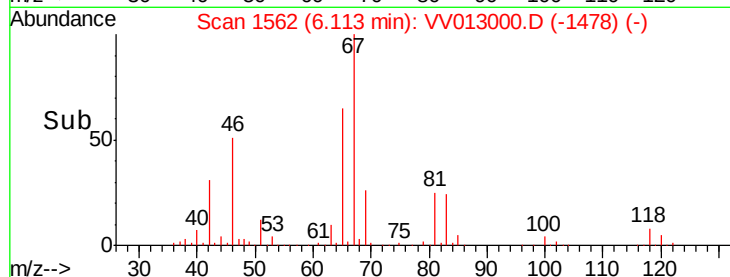
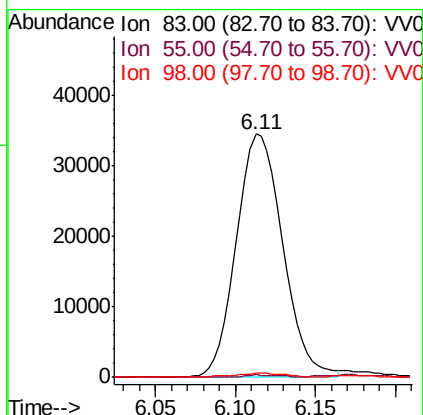
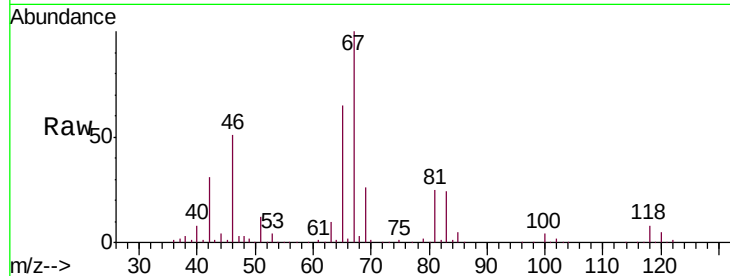




#36
Methylcyclohexane
Concen: 3.786 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
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Tgt Ion: 83 Resp: 68674
Ion Ratio Lower Upper
83 100
55 0.8 61.8 92.8#
98 0.7 39.3 58.9#



#59
1,2,3-Trichloropropane
Concen: 4.438 ug/L
RT: 11.29 min Scan# 3172
Delta R.T. 0.97 min
Lab File: VV013000.D
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Tgt Ion: 75 Resp: 42425
Ion Ratio Lower Upper
75 100
77 36.4 25.4 38.0

