

Data File : VV010389.D
Acq On : 19 Apr 2019 17:31
Operator : SY/MD
Sample : VV0418SBL04
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK74

Quant Time: Apr 20 04:37:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 20 04:30:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	432418	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	423452	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	221882	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	155479	28.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.28%
7) Chloroethane-d5	1.57	69	124740	27.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.20%
10) 1,1-Dichloroethene-d2	2.13	63	236382	17.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.36%
20) 2-Butanone-d5	3.94	46	80710	47.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.40%
24) Chloroform-d	4.40	84	259664	22.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.36%
26) 1,2-Dichloroethane-d4	5.08	65	167177	24.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.64%
29) Benzene-d6	5.10	84	499350	23.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.16%
33) 1,2-Dichloropropane-d6	6.12	67	148157	23.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.44%
37) Toluene-d8	7.36	98	506909	24.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.32%
38) trans-1,3-Dichloropropene-	7.66	79	72777	23.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.32%
39) 2-Hexanone-d5	8.13	63	65907	46.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.32%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	139605	22.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.00%
61) 1,2-Dichlorobenzene-d4	11.67	152	208740	23.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.72%

Target Compounds

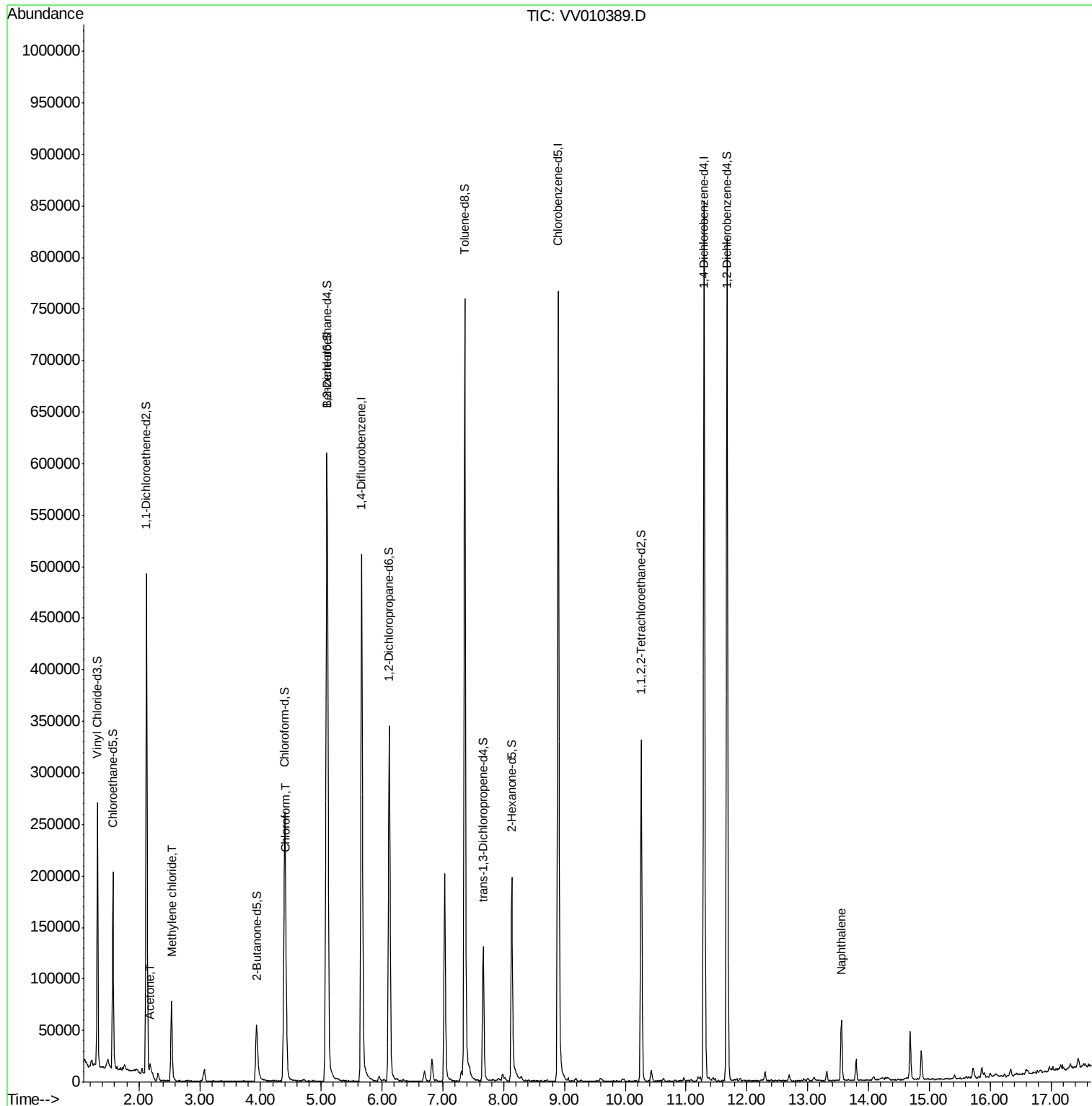
					Qvalue
13) Acetone	2.19	43	4083	2.263 ug/L	90
16) Methylene chloride	2.54	84	31285	4.530 ug/L	98
25) Chloroform	4.42	83	10826	1.021 ug/L #	67
69) Naphthalene	13.55	128	46912	2.824 ug/L	99

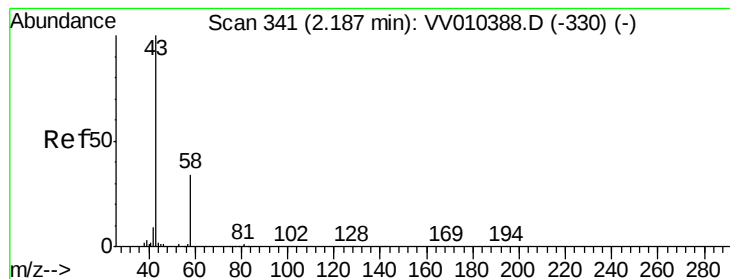
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.263 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampled :

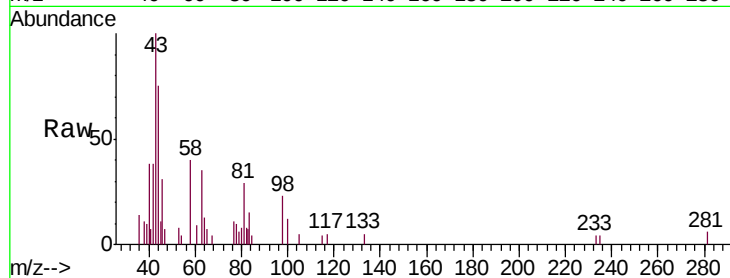
VBLK74

Tgt Ion: 43 Resp: 4083

Ion Ratio Lower Upper

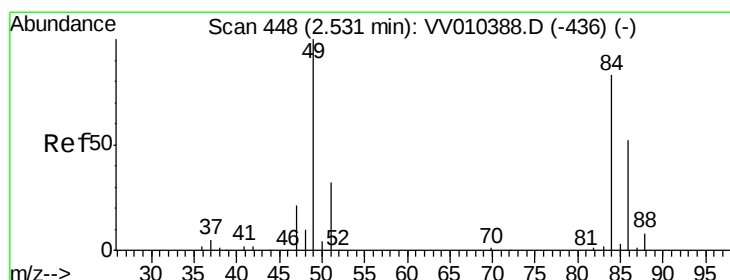
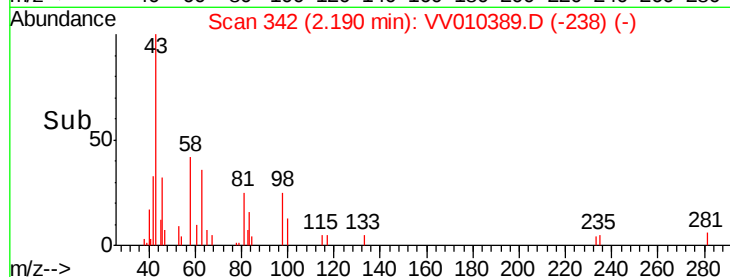
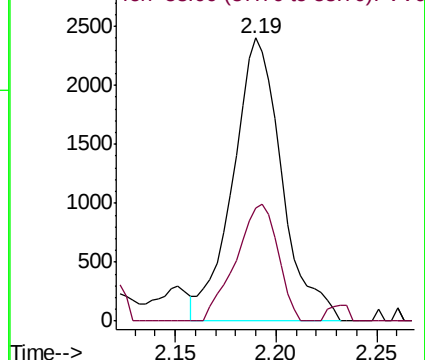
43 100

58 35.4 0.0 60.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 4.530 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.01 min

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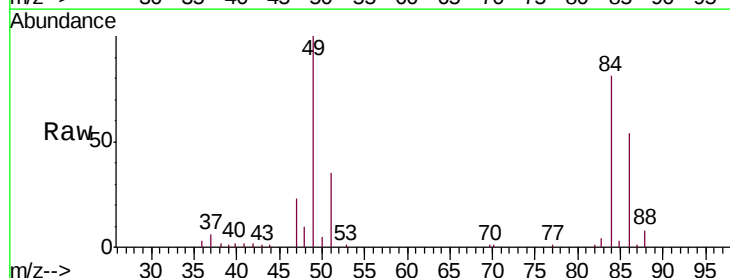
Tgt Ion: 84 Resp: 31285

Ion Ratio Lower Upper

84 100

49 122.8 83.8 155.6

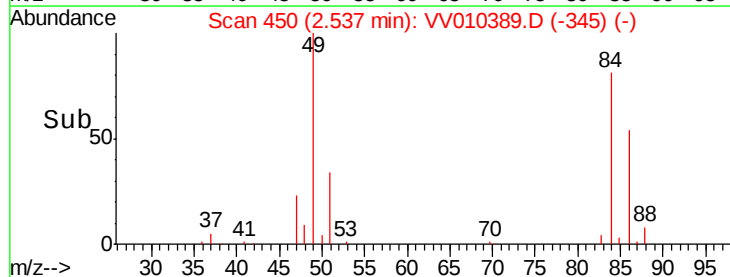
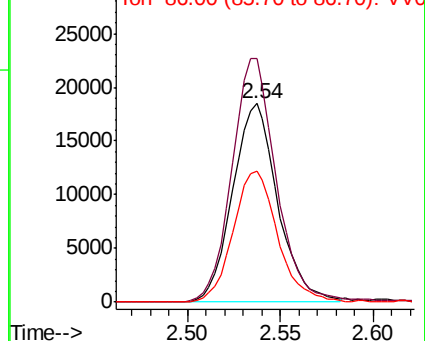
86 66.1 46.1 85.5

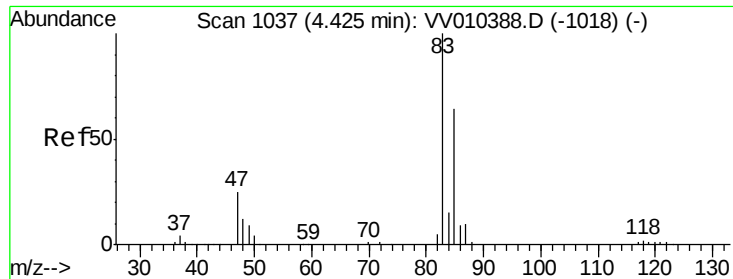


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0





#25

Chloroform

Concen: 1.021 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.00 min

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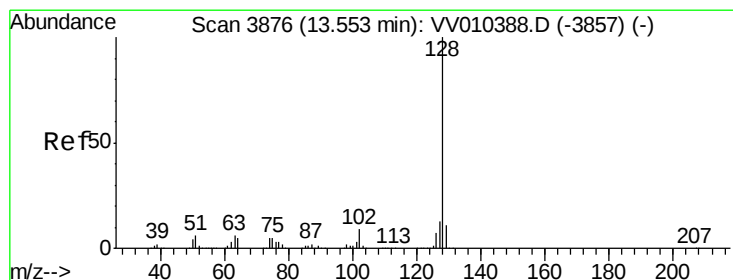
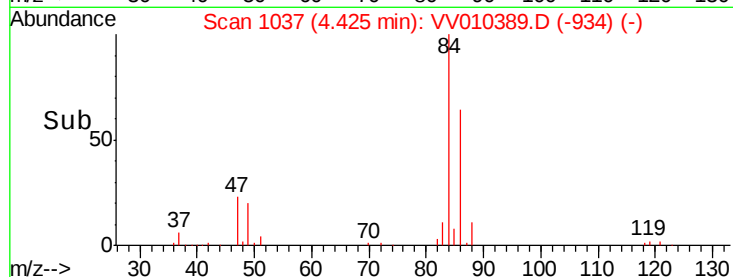
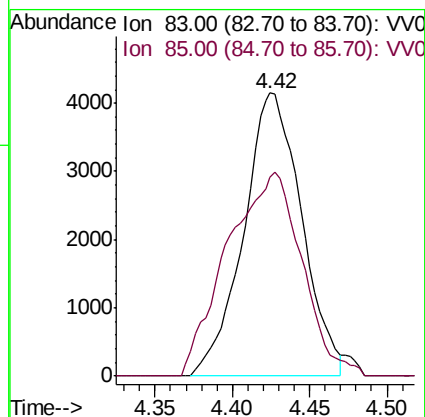
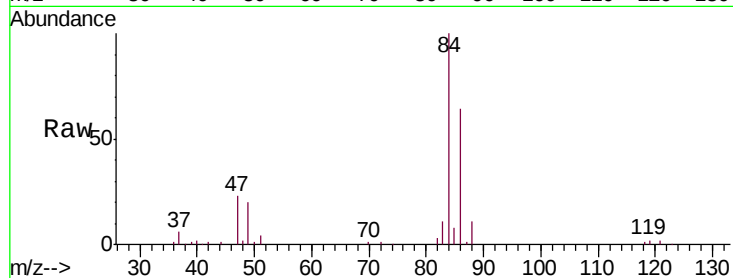
VBLK74

Tgt Ion: 83 Resp: 10826

Ion Ratio Lower Upper

83 100

85 92.8 46.5 86.5#



#69

Naphthalene

Concen: 2.824 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. -0.00 min

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Tgt Ion: 128 Resp: 46912

Ion Ratio Lower Upper

128 100

129 10.4 8.7 13.1

127 13.7 10.7 16.1

