

Data File : VV009528.D
Acq On : 07 Mar 2019 14:44
Operator : SY/MD
Sample : VIBLK71
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK71

Quant Time: Mar 08 03:05:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 08 03:01:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	192634	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	176138	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	81337	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35290	15.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.88%
7) Chloroethane-d5	1.57	69	38304	11.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.68%
10) 1,1-Dichloroethene-d2	2.13	63	75181	12.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.84%
20) 2-Butanone-d5	3.95	46	20990	26.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.12%
24) Chloroform-d	4.40	84	71993	15.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	62.76%
26) 1,2-Dichloroethane-d4	5.08	65	41226	15.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	63.16%#
29) Benzene-d6	5.10	84	149195	17.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	68.40%
33) 1,2-Dichloropropane-d6	6.12	67	44846	17.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	69.68%#
37) Toluene-d8	7.36	98	141649	16.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.64%
38) trans-1,3-Dichloropropene-	7.66	79	18947	15.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	60.76%
39) 2-Hexanone-d5	8.14	63	16230	27.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.02%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	38453	14.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	56.08%
61) 1,2-Dichlorobenzene-d4	11.67	152	48240	16.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	65.00%#

Target Compounds

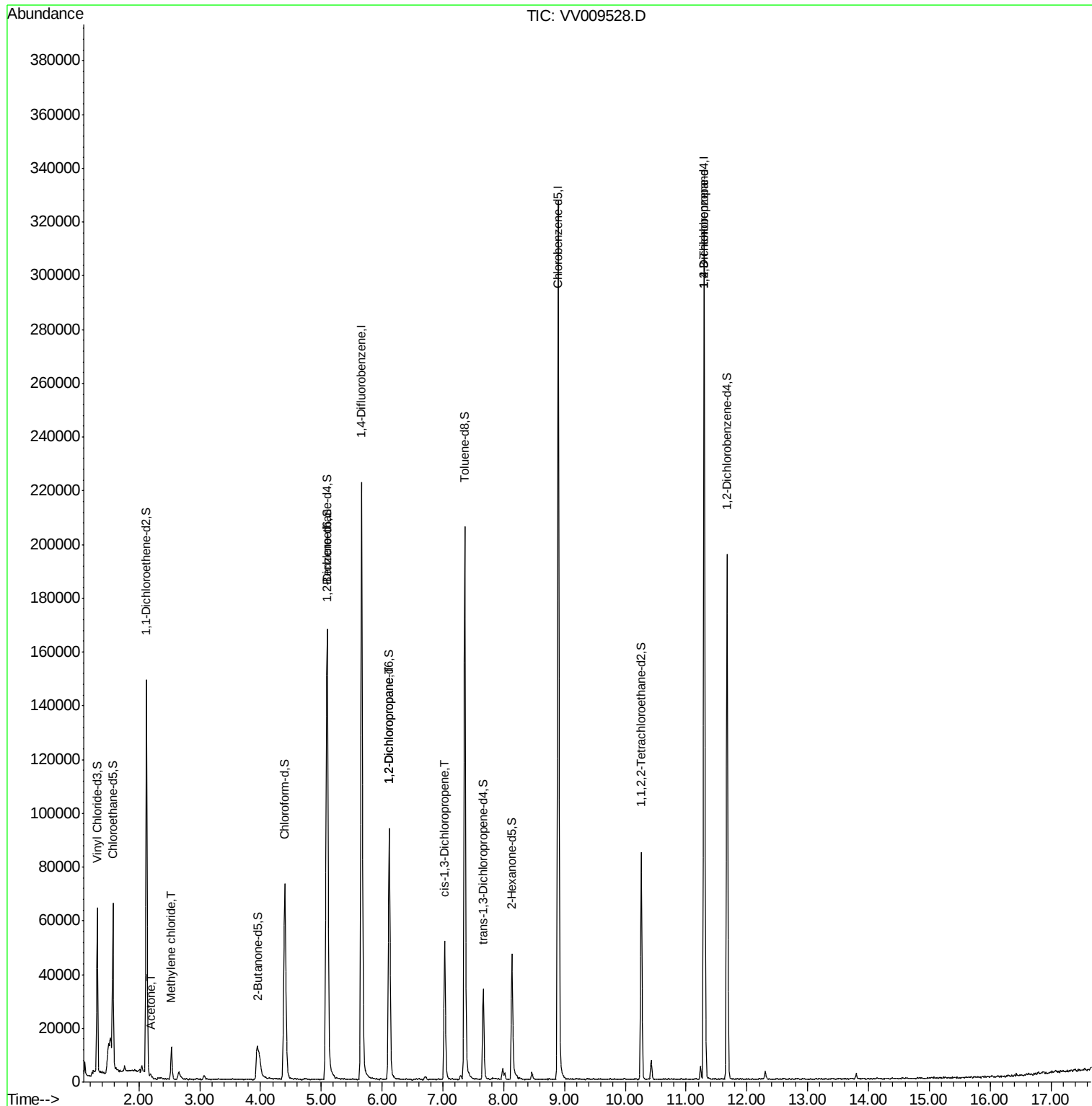
						Qvalue
13) Acetone	2.20	43	1514	1.884	ug/L	73
16) Methylene chloride	2.53	84	4914	1.944	ug/L	92
40) 1,2-Dichloropropane	6.12	63	5022	2.140	ug/L #	89
42) cis-1,3-Dichloropropene	7.03	75	1555	0.427	ug/L #	70
59) 1,2,3-Trichloropropane	11.30	75	11337	5.713	ug/L	91

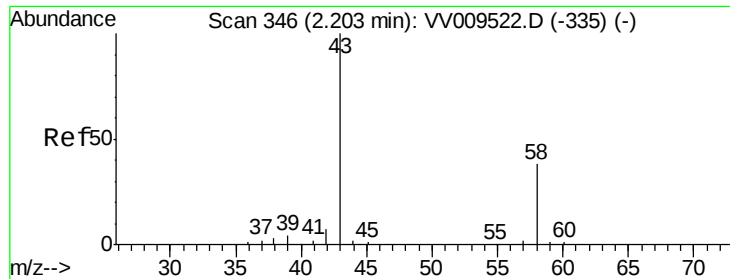
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.884 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

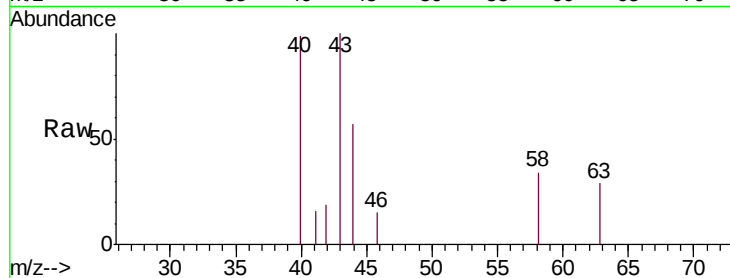
VIBLK71

Tgt Ion: 43 Resp: 1514

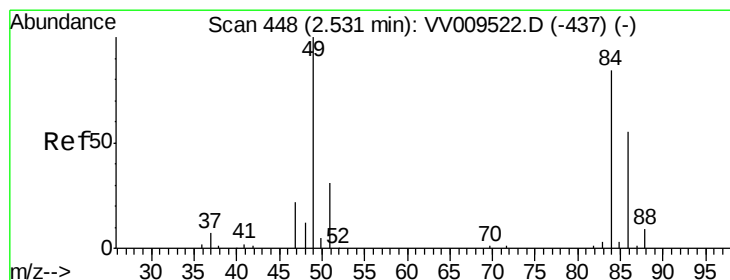
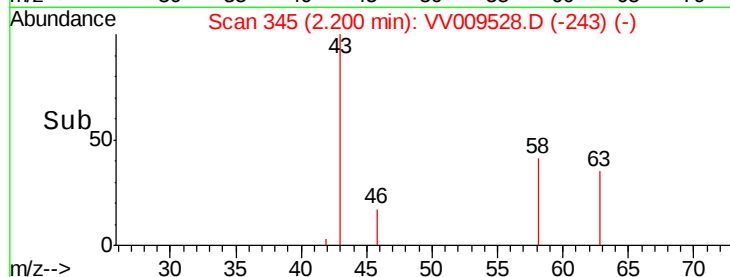
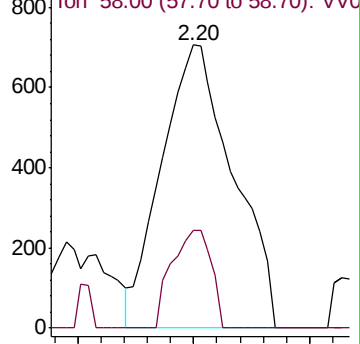
Ion Ratio Lower Upper

43 100

58 19.0 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV009522.D (-335) (-)



#16

Methylene chloride

Concen: 1.944 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV009528.D

Acq: 07 Mar 2019 14:44

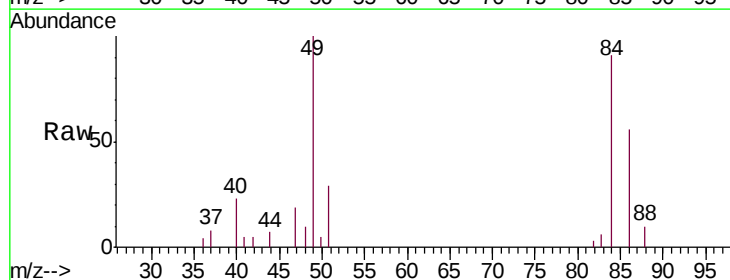
Tgt Ion: 84 Resp: 4914

Ion Ratio Lower Upper

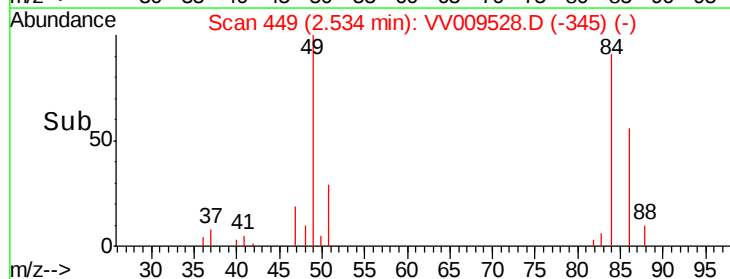
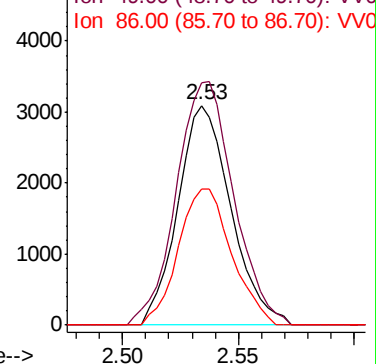
84 100

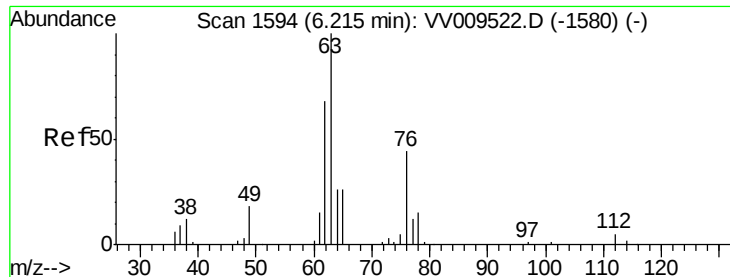
49 110.2 84.6 157.0

86 61.9 46.1 85.7



Abundance Ion 84.00 (83.70 to 84.70): VV009522.D (-437) (-)





#40

1,2-Dichloropropane

Concen: 2.140 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV009528.D

Acq: 07 Mar 2019 14:44

Instrument :

MSVOA_V

ClientSampled :

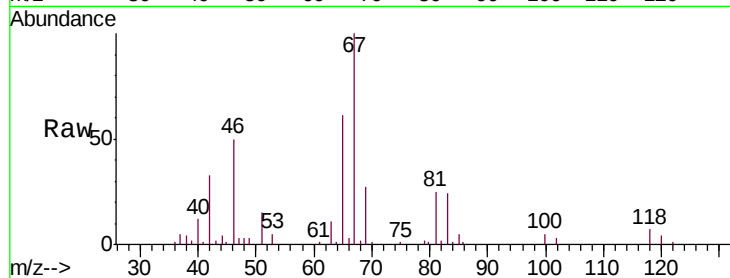
VIBLK71

Tgt Ion: 63 Resp: 5022

Ion Ratio Lower Upper

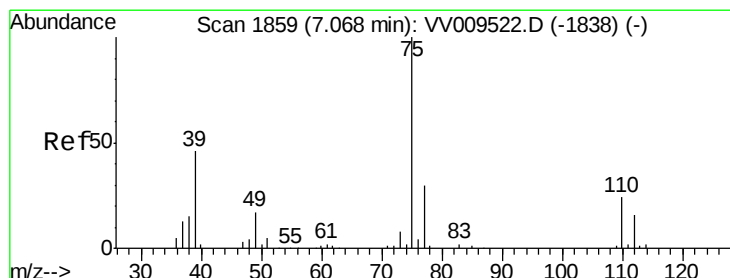
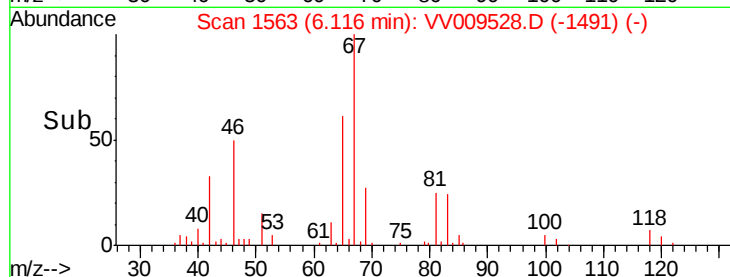
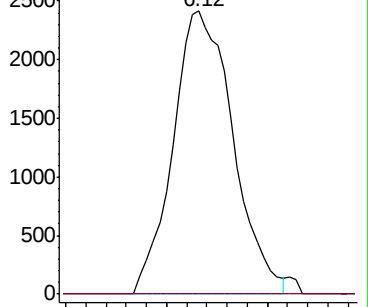
63 100

112 0.0 3.0 4.4#



Abundance Ion 63.00 (62.70 to 63.70): VV009522.D (-1580) (-)

Ion 112.00 (111.70 to 112.70): VV009522.D (-1580) (-)



#42

cis-1,3-Dichloropropene

Concen: 0.427 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV009528.D

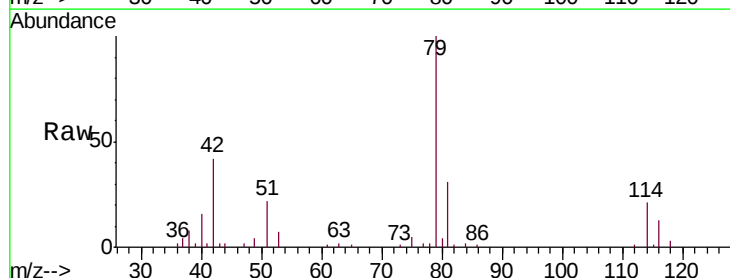
Acq: 07 Mar 2019 14:44

Tgt Ion: 75 Resp: 1555

Ion Ratio Lower Upper

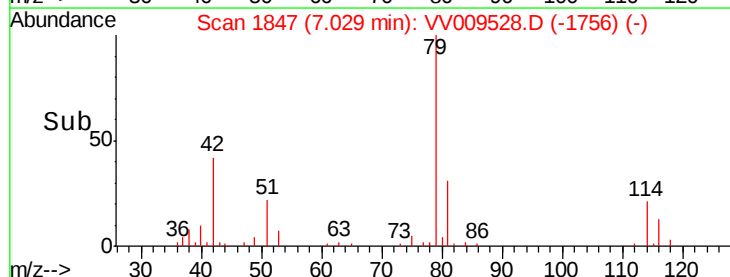
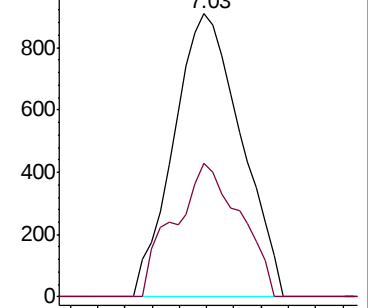
75 100

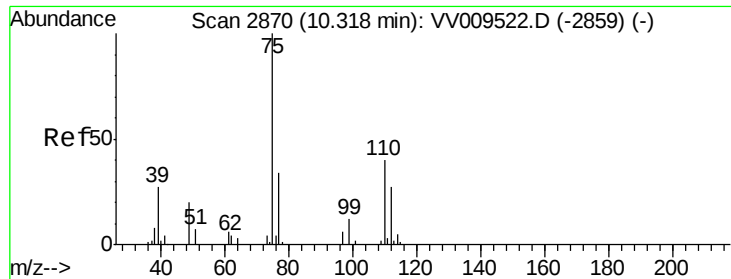
77 47.2 21.4 39.8#



Abundance Ion 75.00 (74.70 to 75.70): VV009522.D (-1838) (-)

Ion 77.00 (76.70 to 77.70): VV009522.D (-1838) (-)





#59

1,2,3-Trichloropropane

Concen: 5.713 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009528.D

Acq: 07 Mar 2019 14:44

Instrument :

MSVOA_V

ClientSampleId :

VIBLK71

Tgt Ion: 75 Resp: 11337

Ion Ratio Lower Upper

75 100

77 37.5 25.9 38.9

