

Data File : VV010990.D
Acq On : 21 May 2019 07:42
Operator : SY/MD
Sample : VV0520SBL03
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK97

Quant Time: May 22 05:27:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Wed May 22 05:24:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	139148	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	141632	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	52934	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	31387	19.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.16%
7) Chloroethane-d5	1.55	69	21835	20.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.32%
10) 1,1-Dichloroethene-d2	2.11	63	42440	13.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.64%
20) 2-Butanone-d5	3.93	46	29924	54.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.34%
24) Chloroform-d	4.39	84	81880	22.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.88%
26) 1,2-Dichloroethane-d4	5.07	65	49806	23.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.80%
29) Benzene-d6	5.09	84	181811	23.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.04%
33) 1,2-Dichloropropane-d6	6.11	67	59268	24.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.48%
37) Toluene-d8	7.36	98	163373	22.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.92%
38) trans-1,3-Dichloropropene-	7.66	79	21023	20.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.36%
39) 2-Hexanone-d5	8.13	63	20397	44.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.02%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	57793	23.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.24%
61) 1,2-Dichlorobenzene-d4	11.67	152	54859	25.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.08%

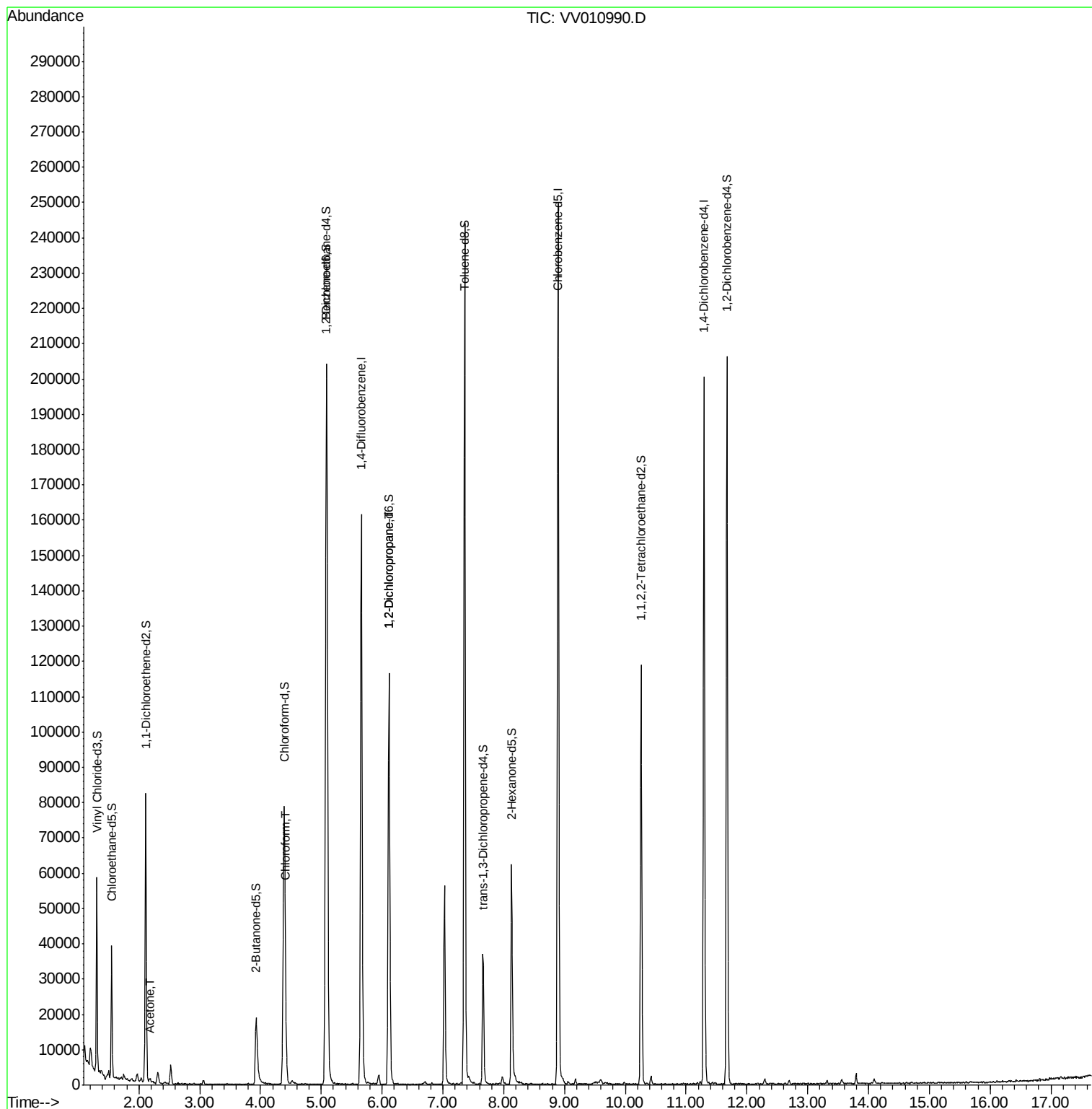
Target Compounds					Qvalue
13) Acetone	2.18	43	648	1.228 ug/L	94
25) Chloroform	4.42	83	3901	0.935 ug/L	77
40) 1,2-Dichloropropane	6.11	63	6459	3.010 ug/L #	86

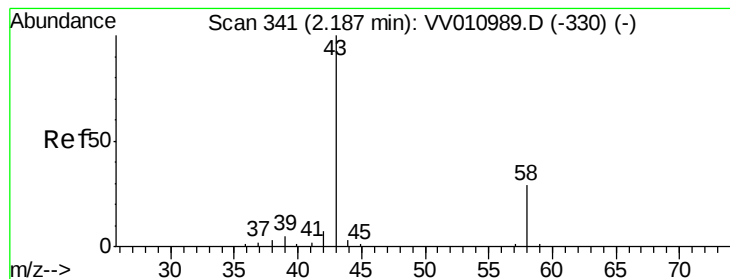
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.228 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampled :

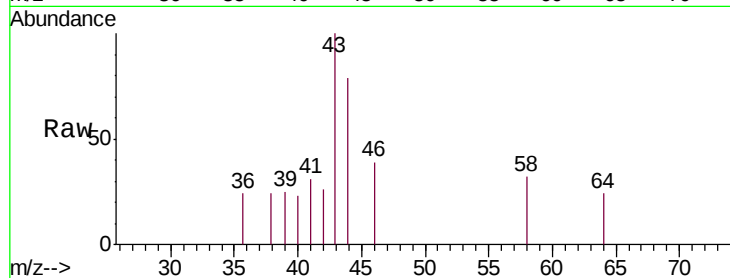
VBLK97

Tgt Ion: 43 Resp: 648

Ion Ratio Lower Upper

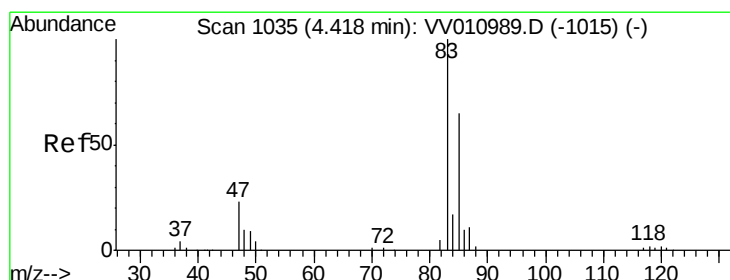
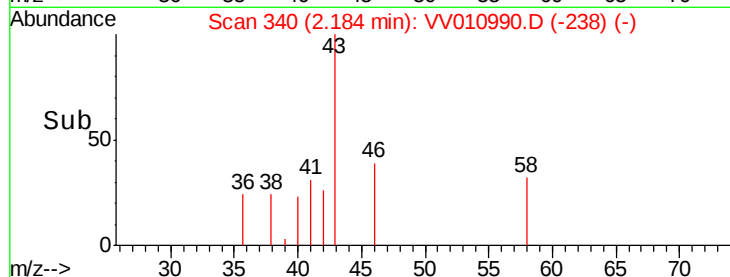
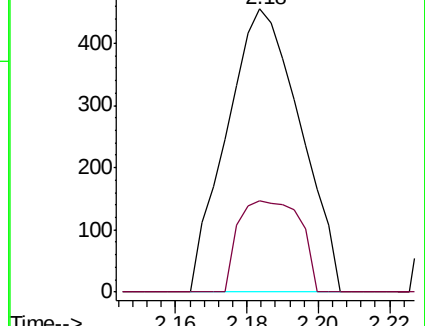
43 100

58 27.0 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV010989.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV010989.D (-330) (-)



#25

Chloroform

Concen: 0.935 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VV010990.D

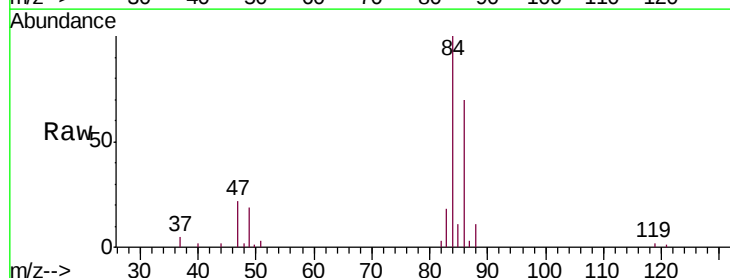
Acq: 21 May 2019 07:42

Tgt Ion: 83 Resp: 3901

Ion Ratio Lower Upper

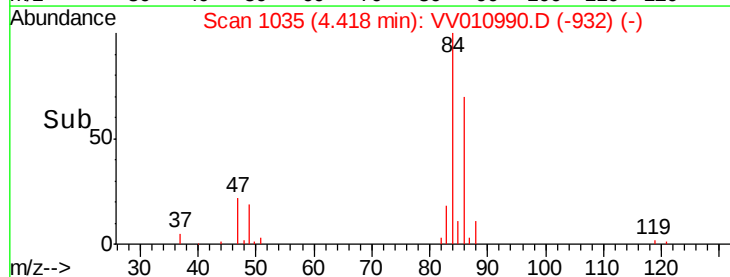
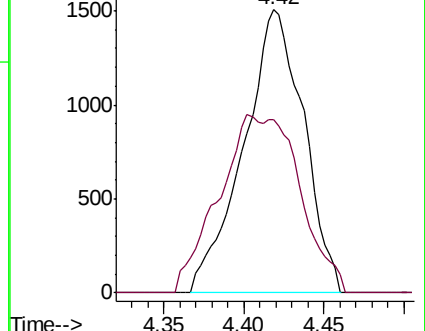
83 100

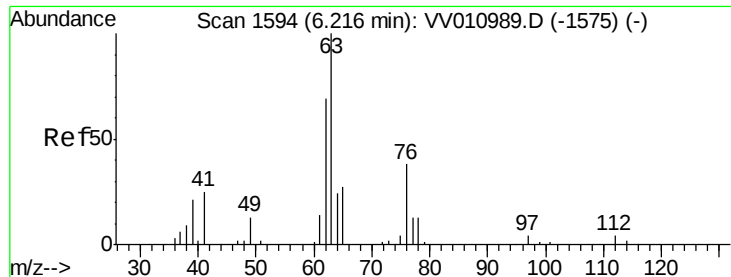
85 46.7 45.6 84.8



Abundance Ion 83.00 (82.70 to 83.70): VV010989.D (-1015) (-)

Ion 85.00 (84.70 to 85.70): VV010989.D (-1015) (-)





#40
 1,2-Dichloropropane
 Concen: 3.010 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
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 Acq: 21 May 2019 07:42

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 MSVOA_V
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 VBLK97

Tgt Ion: 63 Resp: 6459
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#

