

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010201.D
 Acq On : 09 Apr 2019 03:42
 Operator : SY/MD
 Sample : K2254-15
 Misc : 5.79G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC38

Quant Time: Apr 09 08:45:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 07:35:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	177677	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	131072	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	34725	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	39603	16.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.60%
7) Chloroethane-d5	1.56	69	69299	23.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.84%
10) 1,1-Dichloroethene-d2	2.12	63	57314	9.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	38.20%#
20) 2-Butanone-d5	3.94	46	40145	59.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.62%
24) Chloroform-d	4.39	84	106501	23.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.16%
26) 1,2-Dichloroethane-d4	5.08	65	71303	28.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.88%
29) Benzene-d6	5.09	84	205863	30.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.16%
33) 1,2-Dichloropropane-d6	6.11	67	70767	35.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	141.12%#
37) Toluene-d8	7.36	98	173145	26.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.76%
38) trans-1,3-Dichloropropene-	7.66	79	15804	18.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.72%
39) 2-Hexanone-d5	8.14	63	26210	65.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.30%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	63310	32.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	128.00%#
61) 1,2-Dichlorobenzene-d4	11.67	152	37618	27.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.24%

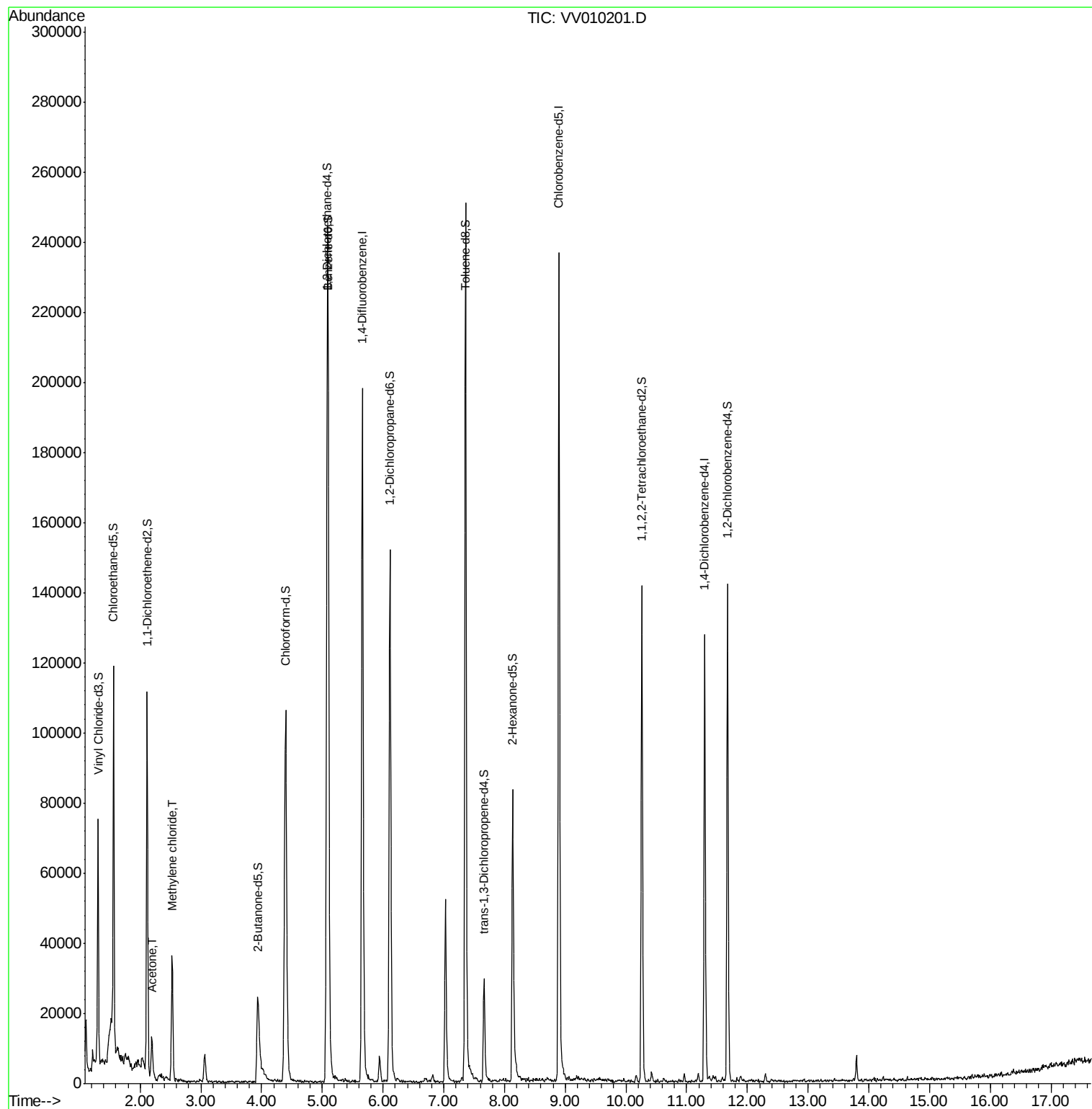
Target Compounds					Ovalue
13) Acetone	2.19	43	14543	21.732 ug/L	98
16) Methylene chloride	2.53	84	15946	5.108 ug/L	89

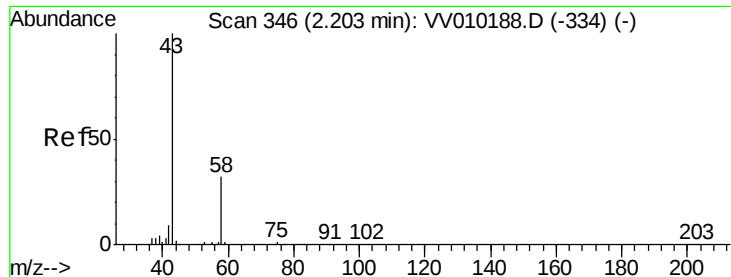
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 21.732 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.01 min

Lab File: VV010201.D

Acq: 09 Apr 2019 03:42

Instrument :

MSVOA_V

ClientSampleId :

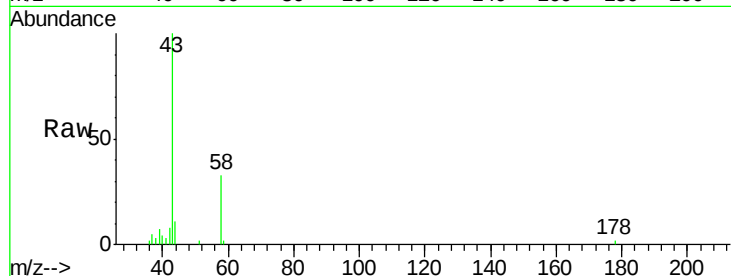
BFC38

Tot Ion: 43 Resp: 14543

Ion Ratio Lower Upper

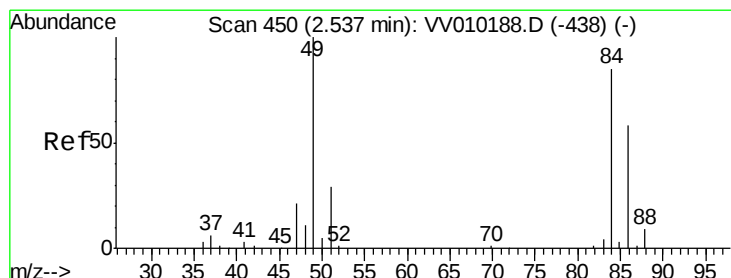
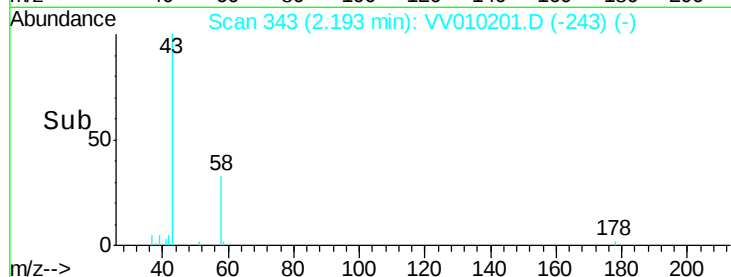
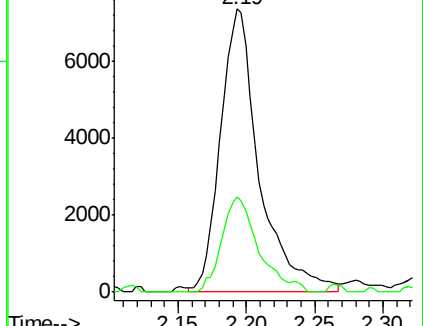
43 100

58 31.0 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV010188.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VV010188.D (-334) (-)



#16

Methylene chloride

Concen: 5.108 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.01 min

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Acq: 09 Apr 2019 03:42

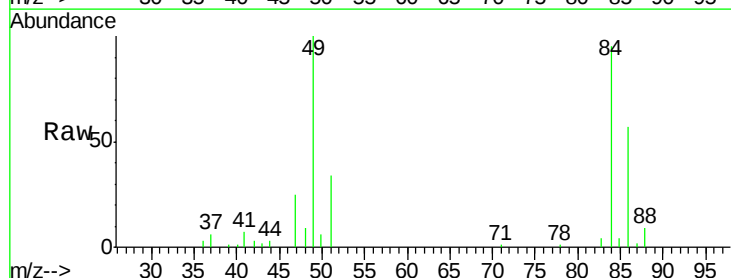
Tgt Ion: 84 Resp: 15946

Ion Ratio Lower Upper

84 100

49 105.6 84.3 156.5

86 59.9 45.4 84.2



Abundance Ion 84.00 (83.70 to 84.70): VV010188.D (-438) (-)

Ion 49.00 (48.70 to 49.70): VV010188.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV010188.D (-438) (-)

