

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040219\
 Data File : VV010071.D
 Acq On : 02 Apr 2019 21:31
 Operator : SY/MD
 Sample : K2148-07
 Misc : 5.54G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5G4

Quant Time: Apr 03 07:25:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 03 06:44:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	210051	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	207575	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	86310	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56125	19.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.84%
7) Chloroethane-d5	1.58	69	102321	29.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.20%
10) 1,1-Dichloroethene-d2	2.13	63	117860	16.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.44%
20) 2-Butanone-d5	3.95	46	21728	27.15	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.30%
24) Chloroform-d	4.40	84	132824	25.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.08	65	77382	26.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.56%
29) Benzene-d6	5.10	84	271955	25.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.04%
33) 1,2-Dichloropropane-d6	6.12	67	83687	26.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.36%
37) Toluene-d8	7.36	98	247927	23.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.60%
38) trans-1,3-Dichloropropene-	7.67	79	23450	17.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.08%
39) 2-Hexanone-d5	8.14	63	17436	27.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.74%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	68739	21.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.76%
61) 1,2-Dichlorobenzene-d4	11.67	152	84391	25.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.40%

Target Compounds

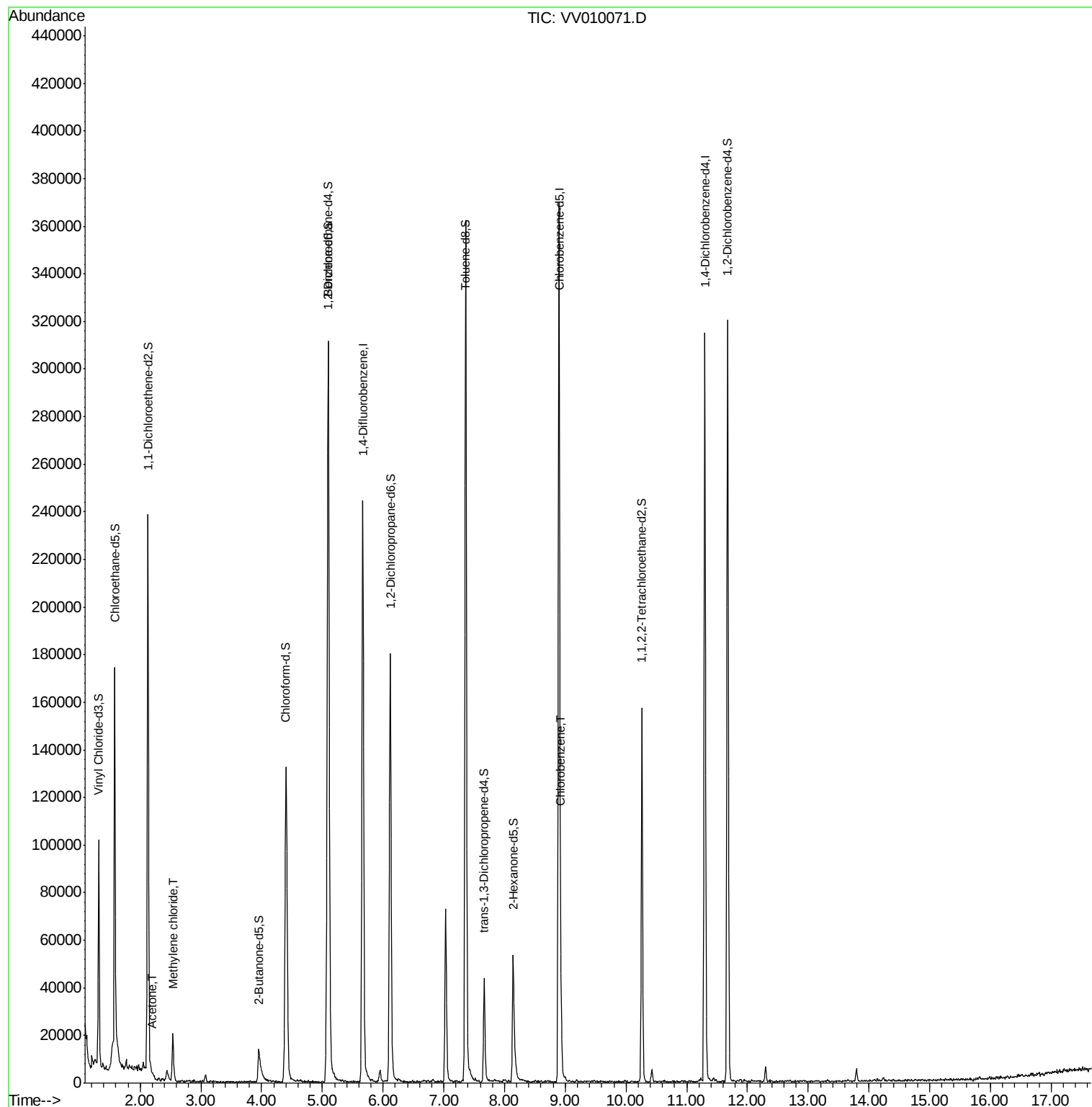
					Ovalue
13) Acetone	2.21	43	2216	2.801 ug/L	69
16) Methylene chloride	2.54	84	8543	2.315 ug/L	90
52) Chlorobenzene	8.93	112	16643	2.142 ug/L #	89

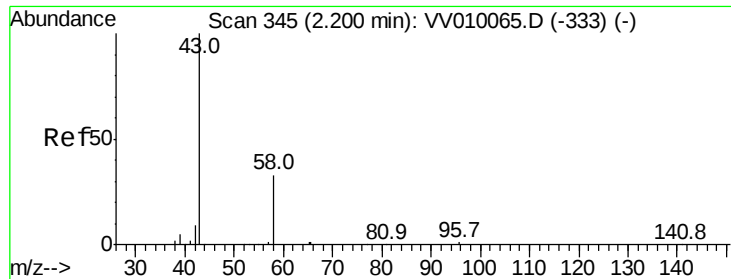
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.801 ug/L

RT: 2.21 min Scan# 347

Delta R.T. 0.01 min

Lab File: VV010071.D

Acq: 02 Apr 2019 21:31

Instrument :

MSVOA_V

ClientSampled :

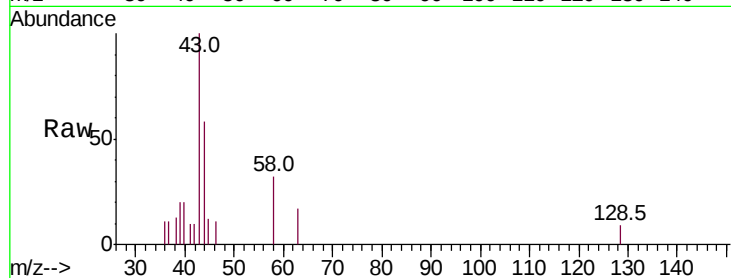
BF5G4

Tot Ion: 43 Resp: 2216

Ion Ratio Lower Upper

43 100

58 15.1 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV010065.D (-333) (-)

Ion 58.00 (57.70 to 58.70): VV010065.D (-333) (-)

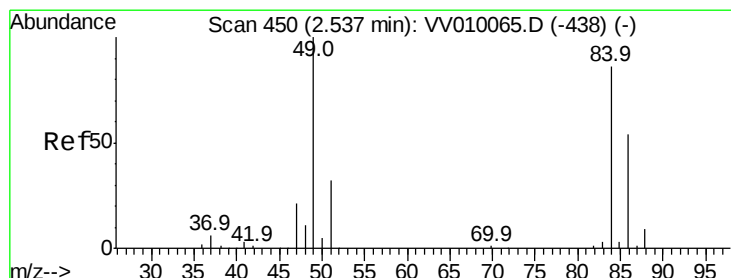
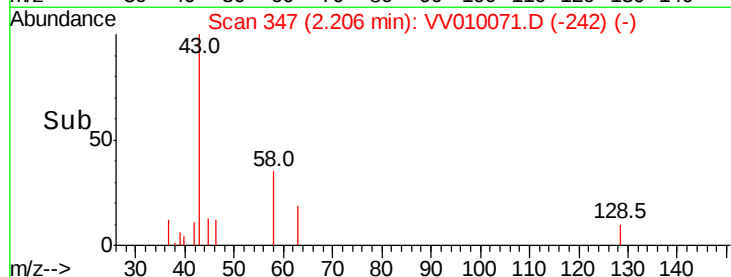
2.21

1000

500

0

Time--> 2.15 2.20 2.25



#16

Methylene chloride

Concen: 2.315 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV010071.D

Acq: 02 Apr 2019 21:31

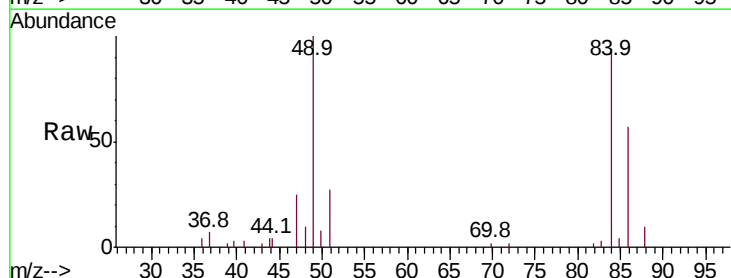
Tgt Ion: 84 Resp: 8543

Ion Ratio Lower Upper

84 100

49 106.7 84.3 156.5

86 60.3 45.4 84.2



Abundance Ion 84.00 (83.70 to 84.70): VV010065.D (-438) (-)

Ion 49.00 (48.70 to 49.70): VV010065.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV010065.D (-438) (-)

2.54

8000

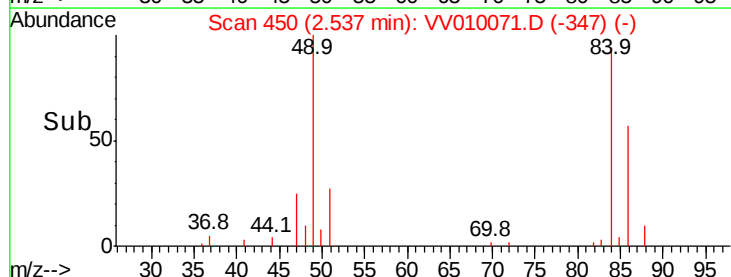
6000

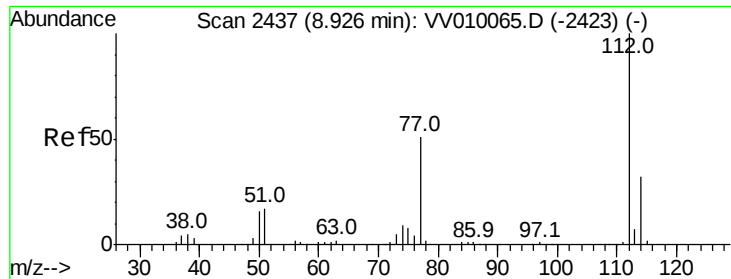
4000

2000

0

Time--> 2.50 2.55 2.60





#52

Chlorobenzene

Concen: 2.142 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. 0.00 min

Lab File: VV010071.D

Acq: 02 Apr 2019 21:31

Instrument :

MSVOA_V

ClientSampleId :

BF5G4

Tot Ion:112 Resp: 16643

Ion Ratio Lower Upper

112 100

77 64.8 42.9 64.3#

114 35.0 23.4 43.4

