

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040219\
 Data File : VV010067.D
 Acq On : 02 Apr 2019 19:47
 Operator : SY/MD
 Sample : K2148-01
 Misc : 5.58G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5F4

Quant Time: Apr 03 07:01:36 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	5.66	114	138512	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	124792	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	37080	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21943	11.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	47.32%
7) Chloroethane-d5	1.58	69	52015	22.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.32%
10) 1,1-Dichloroethene-d2	2.13	63	48512	10.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	41.48%#
20) 2-Butanone-d5	3.96	46	15727	29.80	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.60%
24) Chloroform-d	4.40	84	91028	26.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.36%
26) 1,2-Dichloroethane-d4	5.08	65	58284	29.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.40%
29) Benzene-d6	5.10	84	165638	25.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.36%
33) 1,2-Dichloropropane-d6	6.12	67	60623	31.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.96%#
37) Toluene-d8	7.36	98	138906	22.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.12%
38) trans-1,3-Dichloropropene-	7.66	79	13174	16.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.56%
39) 2-Hexanone-d5	8.14	63	12232	31.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.86%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	51252	27.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.84%
61) 1,2-Dichlorobenzene-d4	11.68	152	38210	26.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.80%

Target Compounds

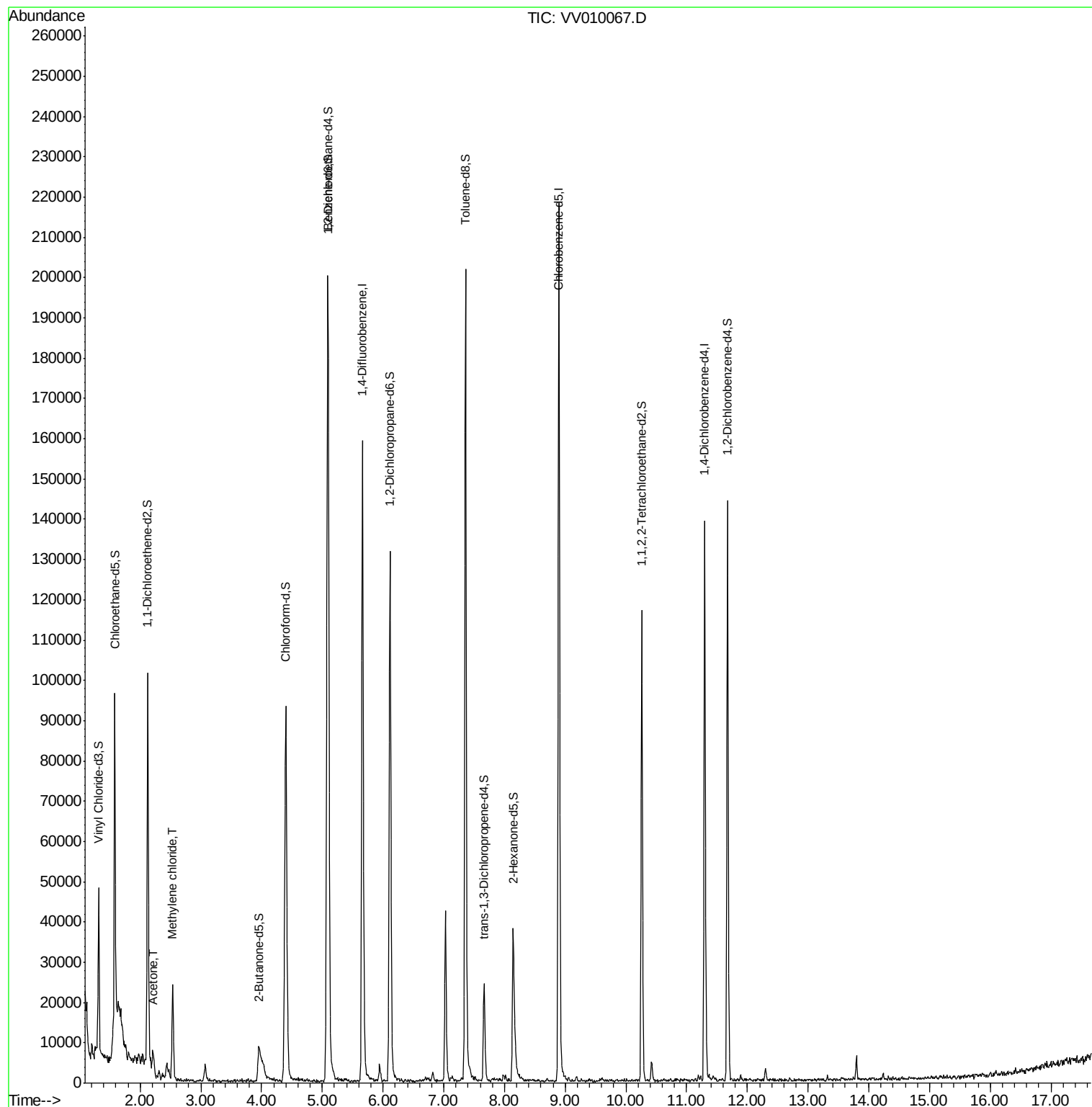
					Ovalue
13) Acetone	2.21	43	8191	15.701 ug/L	91
16) Methylene chloride	2.54	84	10504	4.316 ug/L	96

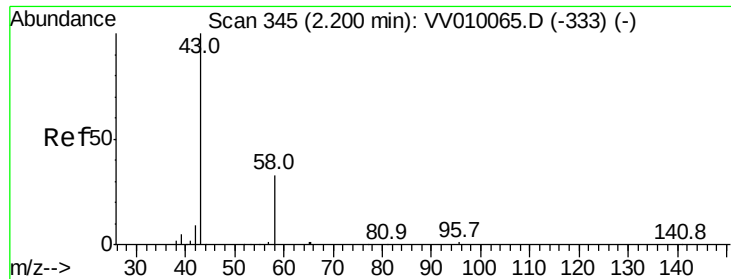
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 15.701 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.01 min

Lab File: VV010067.D

Acq: 02 Apr 2019 19:47

Instrument :

MSVOA_V

ClientSampleId :

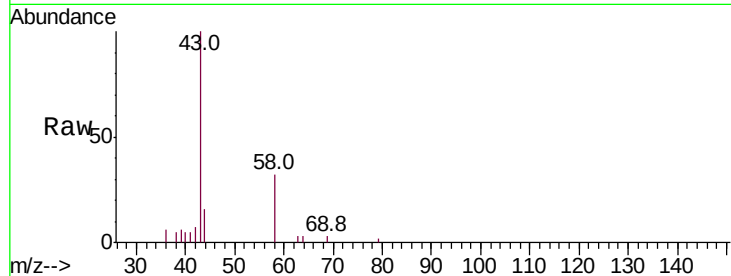
BF5F4

Tot Ion: 43 Resp: 8191

Ion Ratio Lower Upper

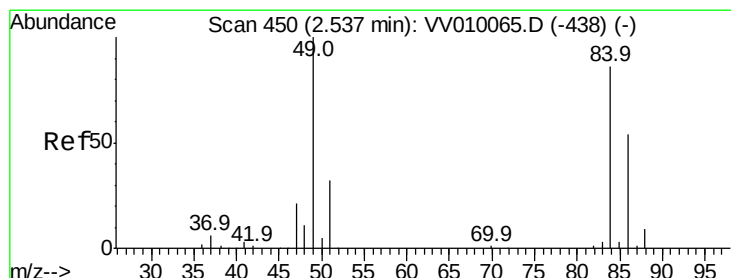
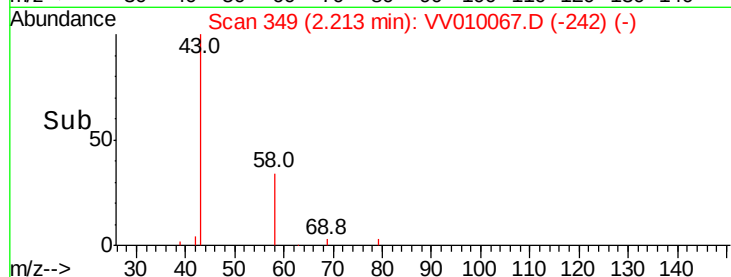
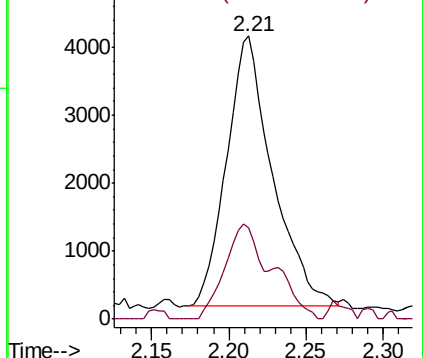
43 100

58 27.0 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) (-)



#16

Methylene chloride

Concen: 4.316 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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Acq: 02 Apr 2019 19:47

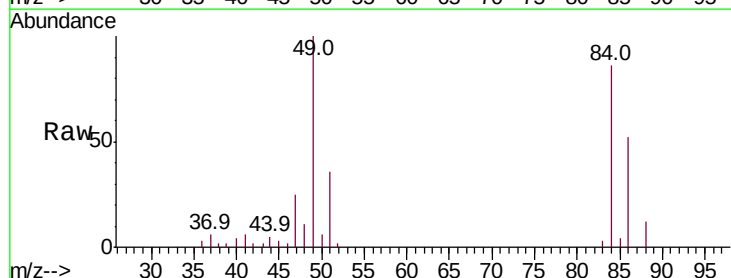
Tgt Ion: 84 Resp: 10504

Ion Ratio Lower Upper

84 100

49 116.4 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) (-)

