

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030519\
 Data File : VV009506.D
 Acq On : 06 Mar 2019 00:31
 Operator : SY/MD
 Sample : K1736-03
 Misc : 3.48G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF621

Quant Time: Mar 06 06:21:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 06 04:12:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	114492	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	96254	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	32745	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31347	22.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.00%
7) Chloroethane-d5	1.57	69	55038	27.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.44%
10) 1,1-Dichloroethene-d2	2.13	63	65207	18.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.72%
20) 2-Butanone-d5	3.95	46	23481	50.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.00%
24) Chloroform-d	4.40	84	76045	27.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.52%
26) 1,2-Dichloroethane-d4	5.08	65	50678	32.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	130.64%#
29) Benzene-d6	5.10	84	144925	30.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.60%
33) 1,2-Dichloropropane-d6	6.12	67	49791	35.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	141.56%#
37) Toluene-d8	7.36	98	123545	26.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.32%
38) trans-1,3-Dichloropropene-	7.67	79	14474	21.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.92%
39) 2-Hexanone-d5	8.14	63	17940	54.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.28%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47091	31.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.64%#
61) 1,2-Dichlorobenzene-d4	11.68	152	33579	28.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.36%

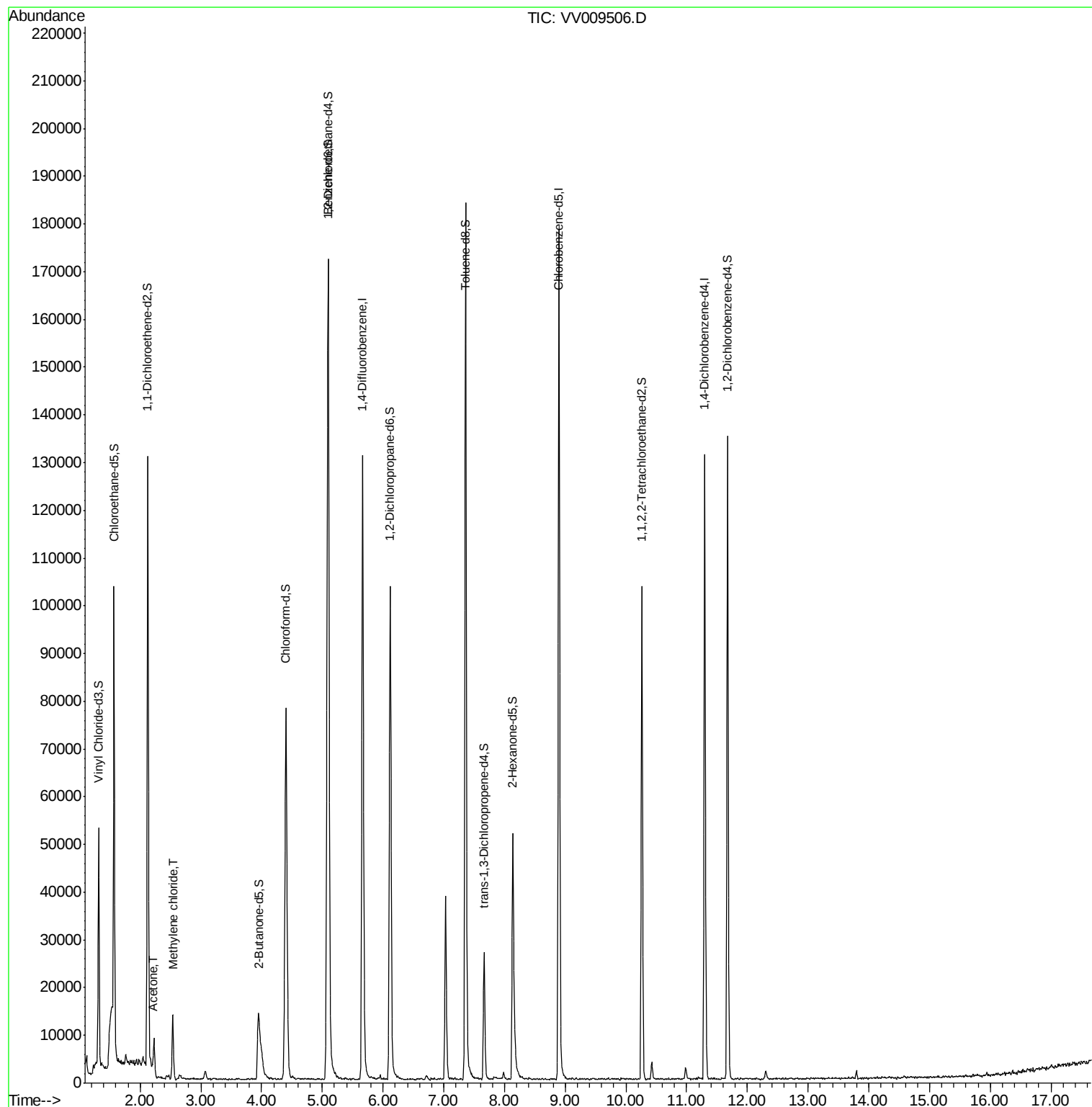
Target Compounds					Ovalue
13) Acetone	2.21	43	2951	6.180 ug/L	99
16) Methylene chloride	2.53	84	5717	3.805 ug/L	88

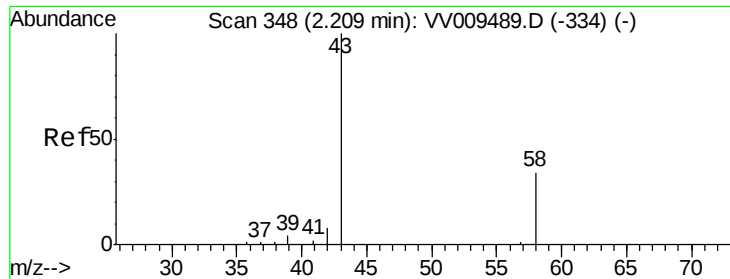
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.180 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.00 min

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MSVOA_V

ClientSampleId :

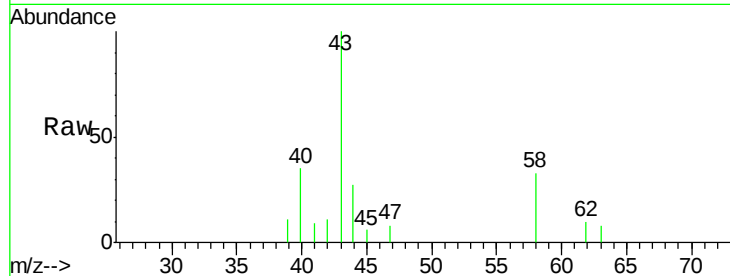
BF621

Tot Ion: 43 Resp: 2951

Ion Ratio Lower Upper

43 100

58 35.0 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV009489.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VV009489.D (-334) (-)

2.21

1500

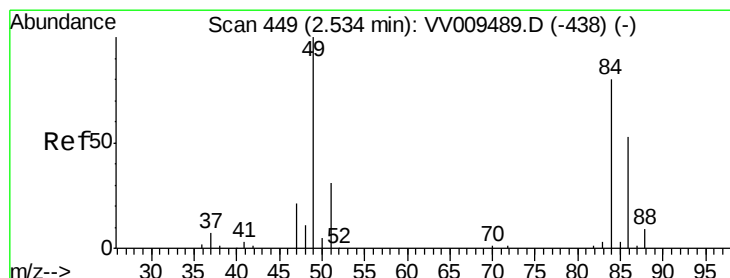
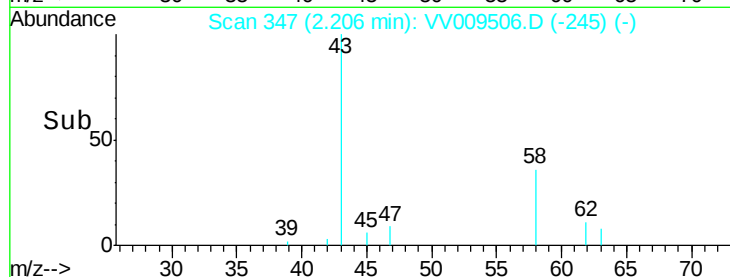
1000

500

0

2.15 2.20 2.25

Time-->



#16

Methylene chloride

Concen: 3.805 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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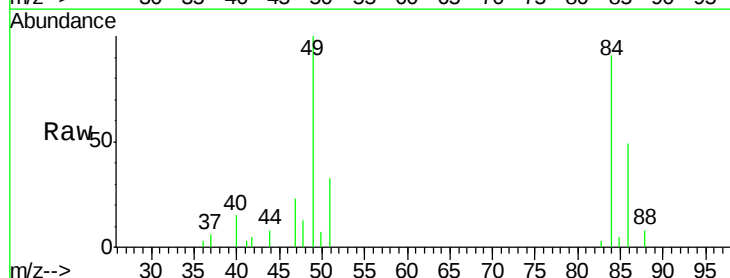
Tgt Ion: 84 Resp: 5717

Ion Ratio Lower Upper

84 100

49 109.7 84.6 157.0

86 53.9 46.1 85.7



Abundance Ion 84.00 (83.70 to 84.70): VV009489.D (-438) (-)

Ion 49.00 (48.70 to 49.70): VV009489.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV009489.D (-438) (-)

2.53

5000

4000

3000

2000

1000

0

2.50 2.55 2.60

Time-->

