

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032819\
 Data File : VV009983.D
 Acq On : 29 Mar 2019 00:05
 Operator : SY/MD
 Sample : K2122-03
 Misc : 4.92G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5B2

Quant Time: Mar 29 04:39:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 04:20:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	161658	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	160662	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64358	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81490	24.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.36%
7) Chloroethane-d5	1.58	69	113873	32.14	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	128.56%
10) 1,1-Dichloroethene-d2	2.12	63	172288	19.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.80%
20) 2-Butanone-d5	3.95	46	30483	49.87	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.74%
24) Chloroform-d	4.40	84	114505	27.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.20%
26) 1,2-Dichloroethane-d4	5.08	65	68882	27.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.16%
29) Benzene-d6	5.10	84	225098	26.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.72%
33) 1,2-Dichloropropane-d6	6.12	67	68794	27.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.48%
37) Toluene-d8	7.36	98	194949	24.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.64%
38) trans-1,3-Dichloropropene-	7.66	79	21967	21.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.00%
39) 2-Hexanone-d5	8.14	63	22210	48.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.40%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	58941	24.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.48%
61) 1,2-Dichlorobenzene-d4	11.67	152	64502	26.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.28%

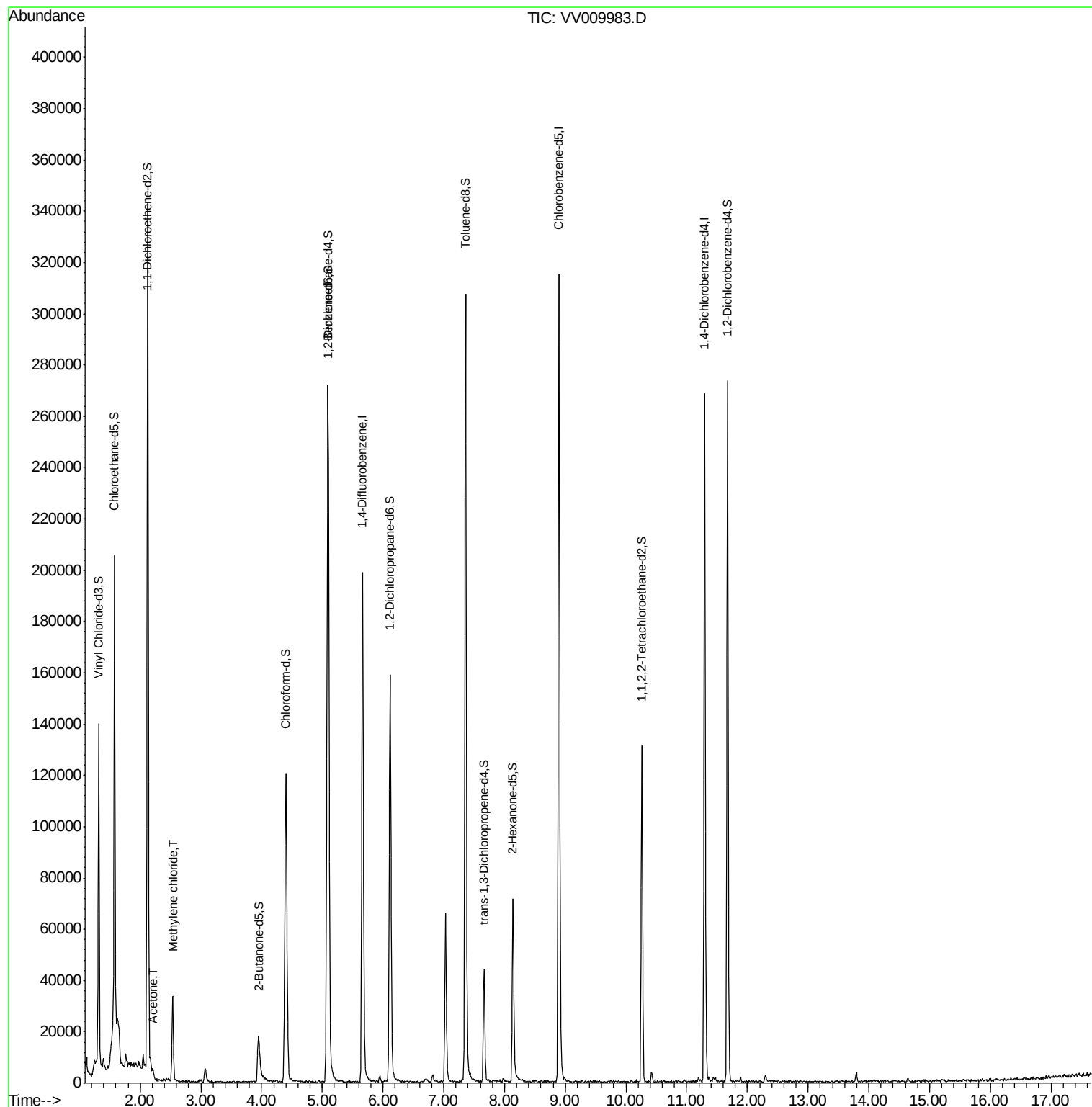
Target Compounds					Ovalue
13) Acetone	2.21	43	5075	5.483 ug/L	96
16) Methylene chloride	2.54	84	13109	4.924 ug/L	87

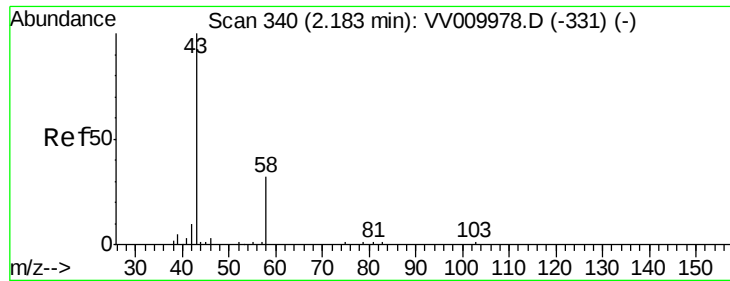
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.483 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.03 min

Lab File: VV009983.D

Acq: 29 Mar 2019 00:05

Instrument :

MSVOA_V

ClientSampled :

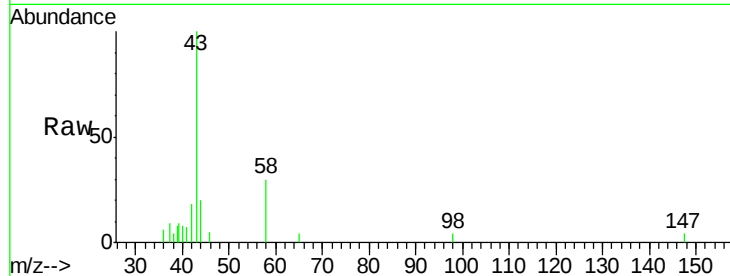
BF5B2

Tot Ion: 43 Resp: 5075

Ion Ratio Lower Upper

43 100

58 31.9 0.0 59.4



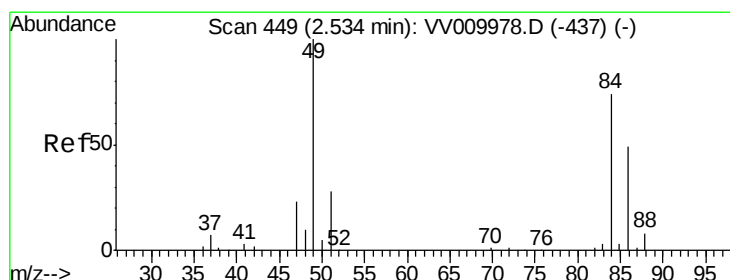
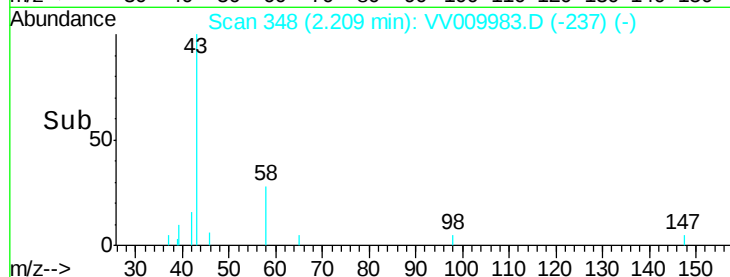
Abundance Ion 43.00 (42.70 to 43.70): VV009983.D (-348) (-)

Ion 58.00 (57.70 to 58.70): VV009983.D (-348) (-)

2.21

2.25

Time-->



#16

Methylene chloride

Concen: 4.924 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009983.D

Acq: 29 Mar 2019 00:05

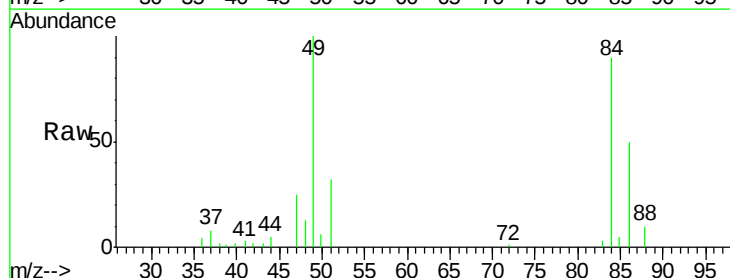
Tgt Ion: 84 Resp: 13109

Ion Ratio Lower Upper

84 100

49 111.4 90.4 167.8

86 56.0 44.0 81.6



Abundance Ion 84.00 (83.70 to 84.70): VV009983.D (-346) (-)

Ion 49.00 (48.70 to 49.70): VV009983.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV009983.D (-346) (-)

2.54

2.60

Time-->

