

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032819\
 Data File : VV009991.D
 Acq On : 29 Mar 2019 03:33
 Operator : SY/MD
 Sample : K2120-02
 Misc : 5.94G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5C5

Quant Time: Mar 29 05:01:51 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	5.66	114	127367	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	118953	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41196	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	61149	23.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.64%
7) Chloroethane-d5	1.56	69	69401	24.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.44%
10) 1,1-Dichloroethene-d2	2.12	63	65236	9.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	36.92%#
20) 2-Butanone-d5	3.92	46	22889	47.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.04%
24) Chloroform-d	4.39	84	82834	25.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.12%
26) 1,2-Dichloroethane-d4	5.07	65	56633	29.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.00%
29) Benzene-d6	5.09	84	173820	27.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.28%
33) 1,2-Dichloropropane-d6	6.11	67	53243	29.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.52%
37) Toluene-d8	7.36	98	146502	24.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.12%
38) trans-1,3-Dichloropropene-	7.66	79	17035	22.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.12%
39) 2-Hexanone-d5	8.13	63	15624	45.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.60%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44411	24.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	40693	25.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.76%

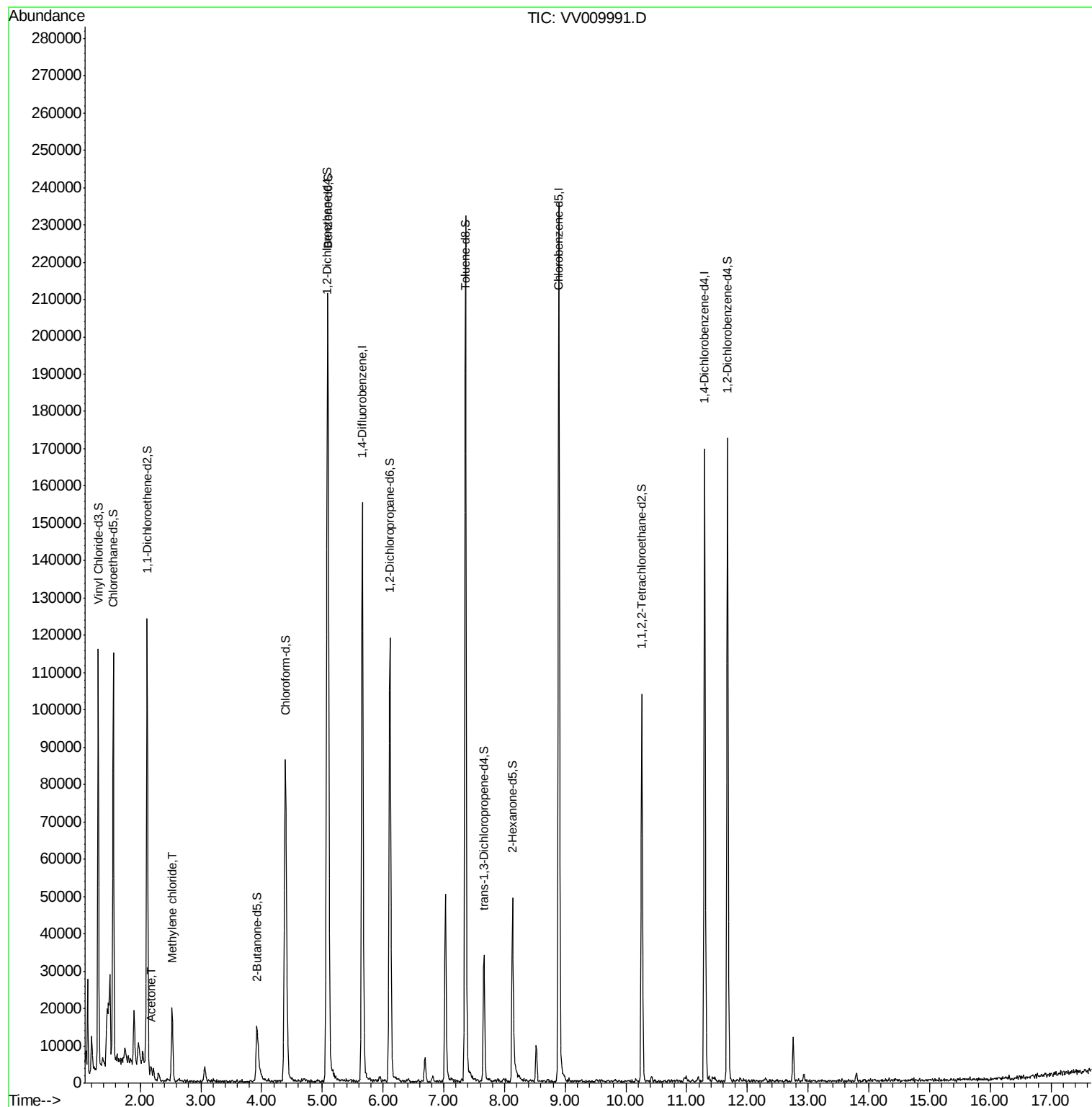
Target Compounds					Ovalue
13) Acetone	2.19	43	2544	3.489 ug/L	97
16) Methylene chloride	2.53	84	7720	3.681 ug/L	98

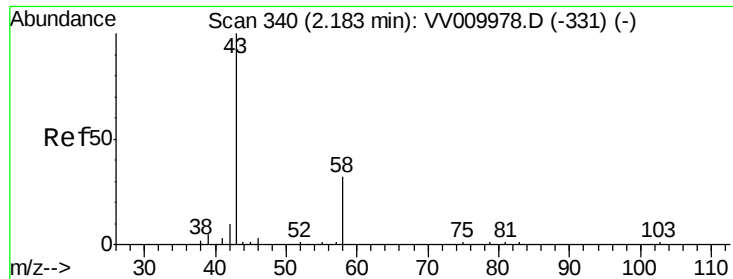
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.489 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV009991.D

Acq: 29 Mar 2019 03:33

Instrument :

MSVOA_V

ClientSampleId :

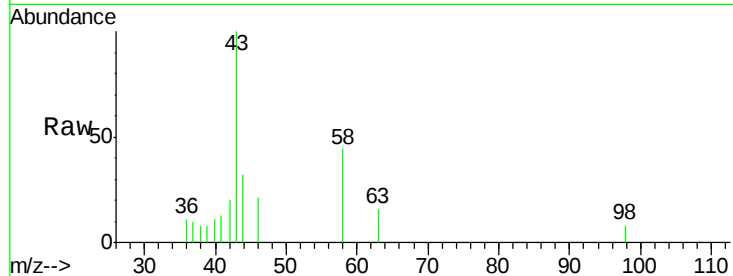
BF5C5

Tot Ion: 43 Resp: 2544

Ion Ratio Lower Upper

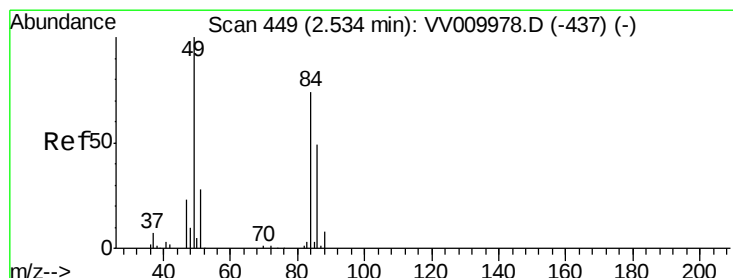
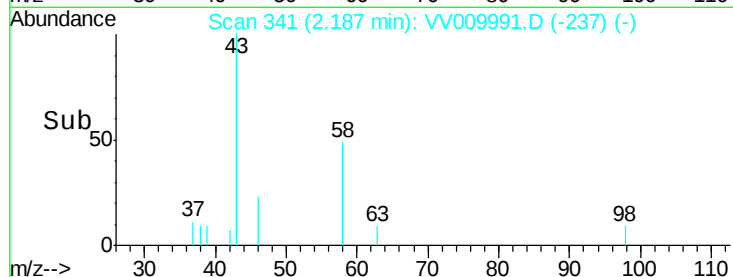
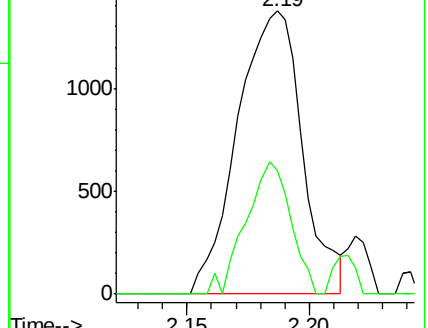
43 100

58 31.4 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV009991.D (-237) (-)

Ion 58.00 (57.70 to 58.70): VV009991.D (-237) (-)



#16

Methylene chloride

Concen: 3.681 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.01 min

Lab File: VV009991.D

Acq: 29 Mar 2019 03:33

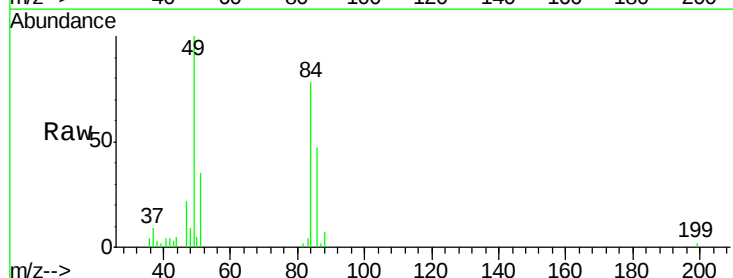
Tgt Ion: 84 Resp: 7720

Ion Ratio Lower Upper

84 100

49 128.0 90.4 167.8

86 59.8 44.0 81.6



Abundance Ion 84.00 (83.70 to 84.70): VV009991.D (-346) (-)

Ion 49.00 (48.70 to 49.70): VV009991.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV009991.D (-346) (-)

