

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040619\
 Data File : VV010163.D
 Acq On : 06 Apr 2019 19:31
 Operator : SY/MD
 Sample : K2168-12
 Misc : 5.96G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF637

Quant Time: Apr 07 03:08:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 00:49:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	198404	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	199243	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	95607	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42974	16.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.72%
7) Chloroethane-d5	1.58	69	44182	13.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.56%
10) 1,1-Dichloroethene-d2	2.13	63	90702	13.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.16%
20) 2-Butanone-d5	3.94	46	38446	50.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.74%
24) Chloroform-d	4.40	84	112039	22.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.64%
26) 1,2-Dichloroethane-d4	5.08	65	69331	24.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.16%
29) Benzene-d6	5.10	84	224331	21.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.84%
33) 1,2-Dichloropropane-d6	6.12	67	71904	23.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.32%
37) Toluene-d8	7.36	98	214026	21.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.00%
38) trans-1,3-Dichloropropene-	7.66	79	27065	20.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.04%
39) 2-Hexanone-d5	8.13	63	30082	49.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.38%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	68721	22.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.40%
61) 1,2-Dichlorobenzene-d4	11.67	152	90048	24.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.72%

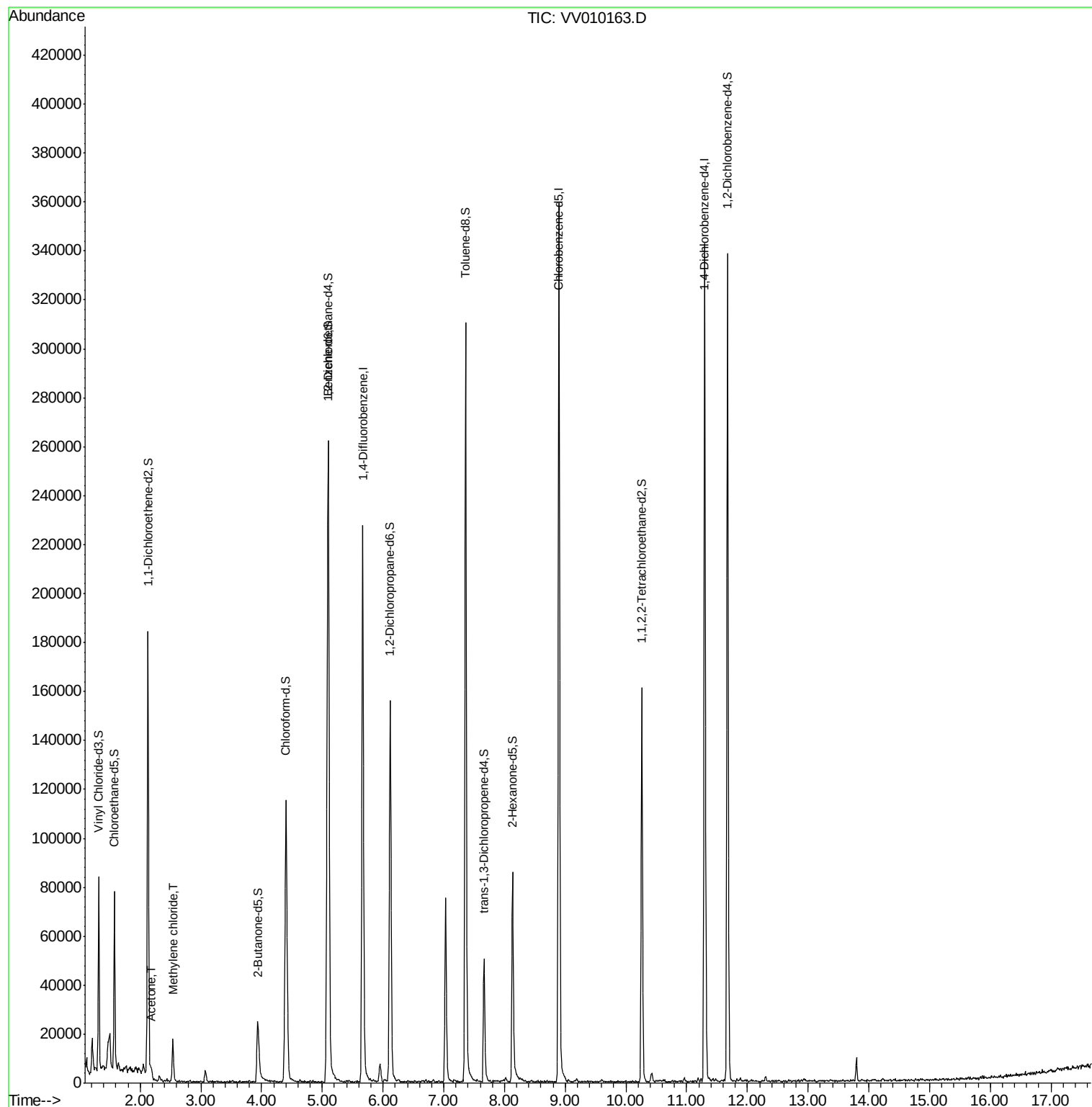
Target Compounds					Ovalue
13) Acetone	2.19	43	2045	2.737 ug/L	67
16) Methylene chloride	2.54	84	6944	1.992 ug/L	90

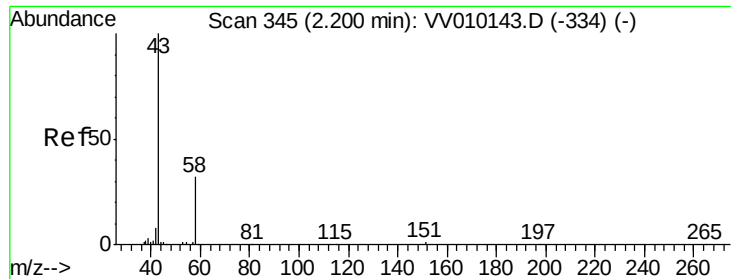
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.737 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV010163.D

Acq: 06 Apr 2019 19:31

Instrument :

MSVOA_V

ClientSampled :

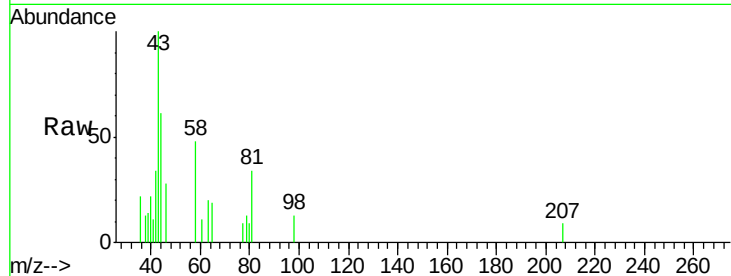
BF637

Tot Ion: 43 Resp: 2045

Ion Ratio Lower Upper

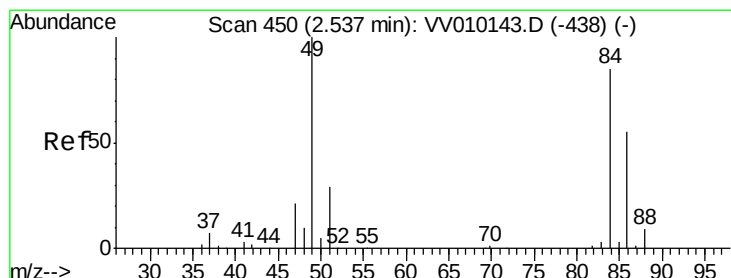
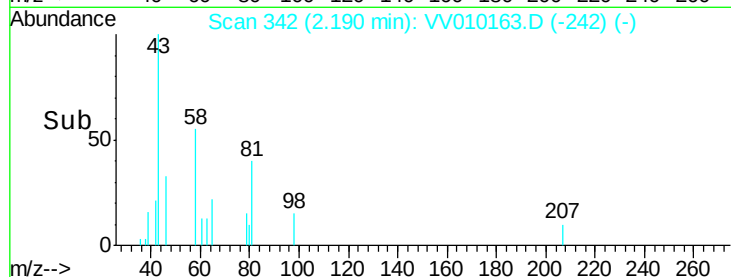
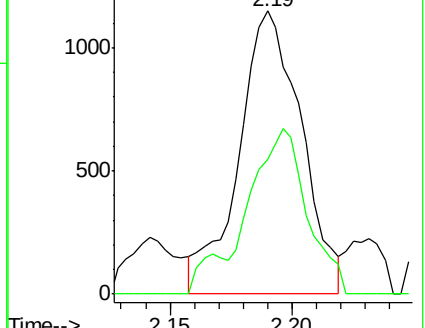
43 100

58 50.8 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV010163.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VV010163.D (-334) (-)



#16

Methylene chloride

Concen: 1.992 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.00 min

Lab File: VV010163.D

Acq: 06 Apr 2019 19:31

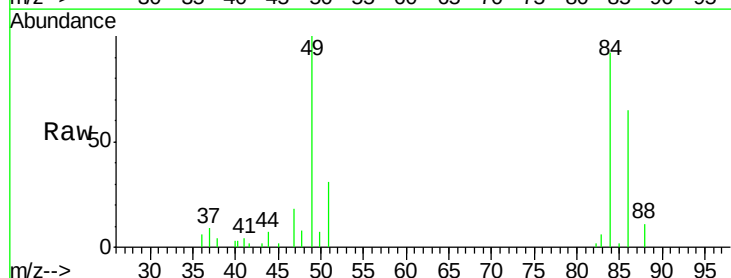
Tgt Ion: 84 Resp: 6944

Ion Ratio Lower Upper

84 100

49 108.6 84.3 156.5

86 70.7 45.4 84.2



Abundance Ion 84.00 (83.70 to 84.70): VV010163.D (-347) (-)

Ion 49.00 (48.70 to 49.70): VV010163.D (-347) (-)

Ion 86.00 (85.70 to 86.70): VV010163.D (-347) (-)

