

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040619\
 Data File : VV010161.D
 Acq On : 06 Apr 2019 18:39
 Operator : SY/MD
 Sample : K2168-09
 Misc : 4.78G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF636

Quant Time: Apr 07 00:54:21 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	5.66	114	288068	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	278061	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	127036	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53166	13.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.16%
7) Chloroethane-d5	1.57	69	67165	14.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.08%
10) 1,1-Dichloroethene-d2	2.13	63	119039	12.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.96%
20) 2-Butanone-d5	3.94	46	34906	31.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.62%
24) Chloroform-d	4.40	84	143581	19.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.12%
26) 1,2-Dichloroethane-d4	5.08	65	82367	20.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.16%
29) Benzene-d6	5.10	84	297491	20.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.52%
33) 1,2-Dichloropropane-d6	6.12	67	89987	21.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.60%
37) Toluene-d8	7.36	98	268321	19.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.24%
38) trans-1,3-Dichloropropene-	7.66	79	31718	17.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.76%
39) 2-Hexanone-d5	8.14	63	28523	33.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.84%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	72361	17.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	104329	21.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.32%

Target Compounds

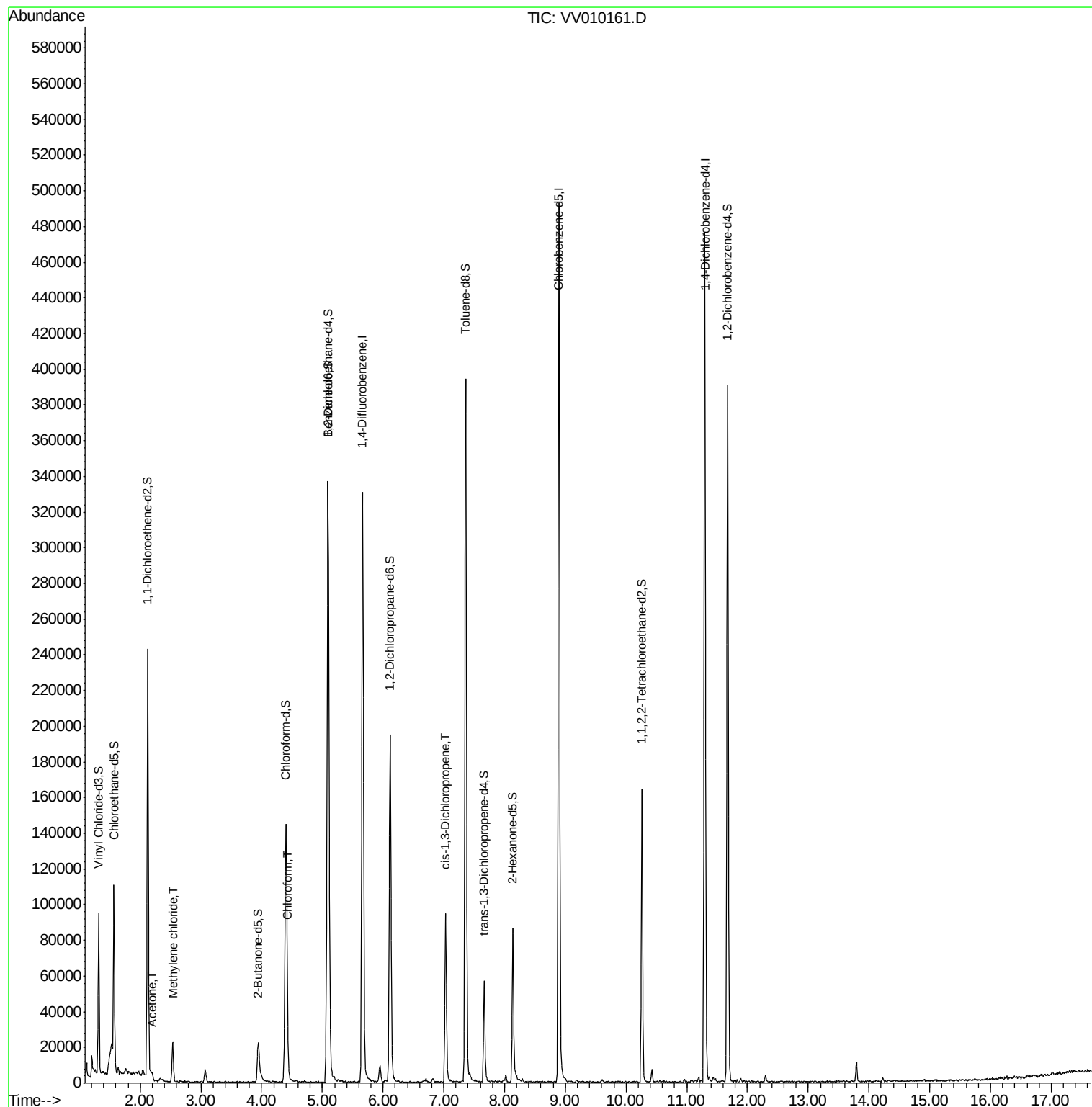
					Qvalue
13) Acetone	2.20	43	3542	3.265 ug/L	98
16) Methylene chloride	2.53	84	9777	1.932 ug/L	95
25) Chloroform	4.43	83	5291	0.808 ug/L #	29
42) cis-1,3-Dichloropropene	7.03	75	2902	0.584 ug/L	88

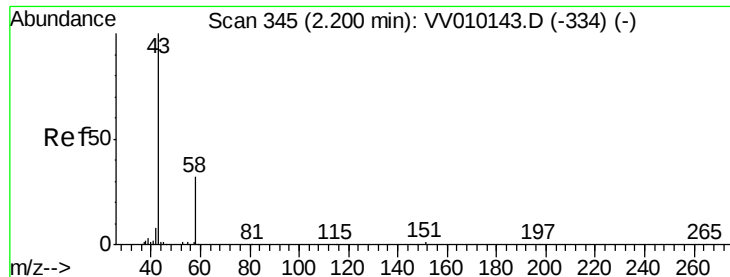
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.265 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.00 min

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Instrument :

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ClientSampleId :

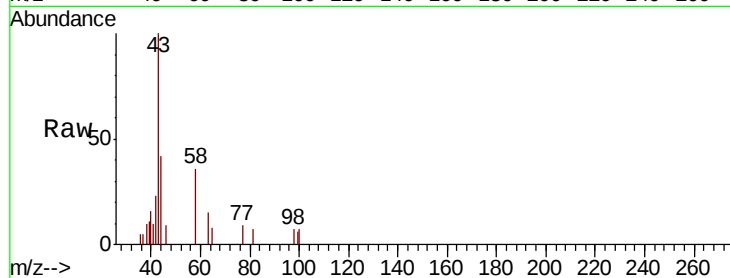
BF636

Tgt Ion: 43 Resp: 3542

Ion Ratio Lower Upper

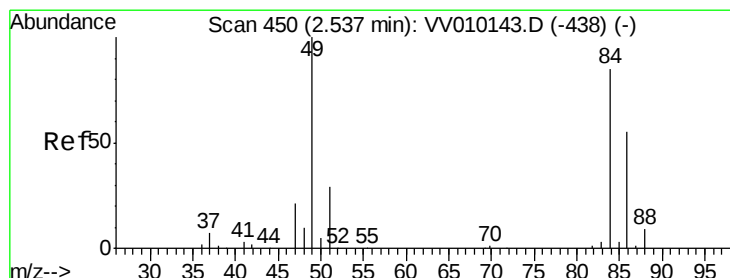
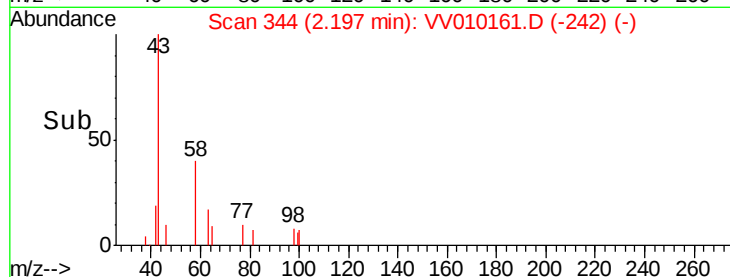
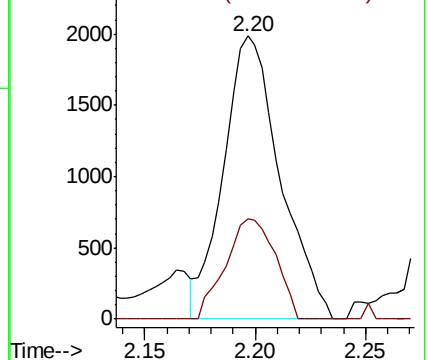
43 100

58 31.2 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 1.932 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

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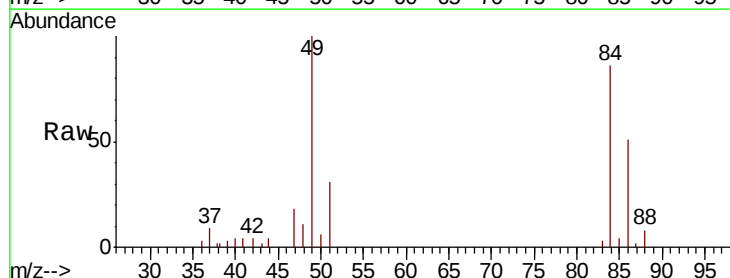
Tgt Ion: 84 Resp: 9777

Ion Ratio Lower Upper

84 100

49 116.9 84.3 156.5

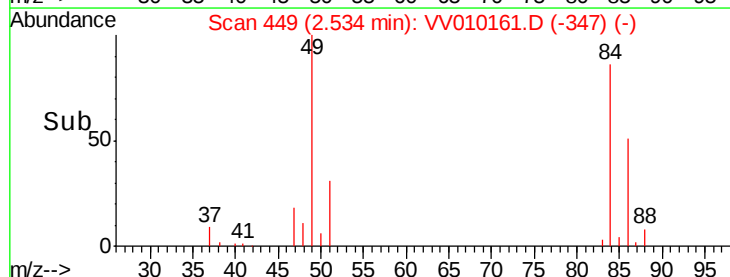
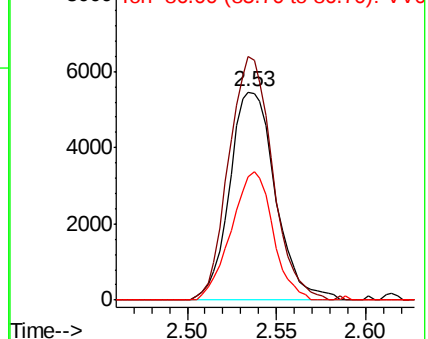
86 59.2 45.4 84.2

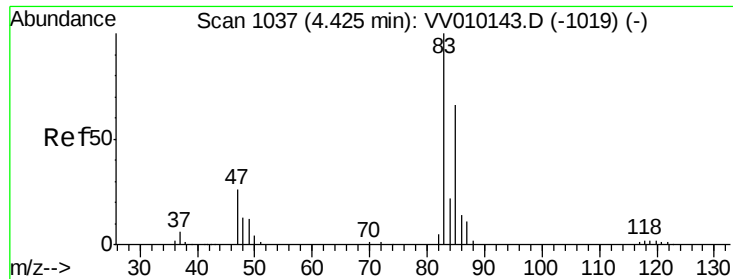


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

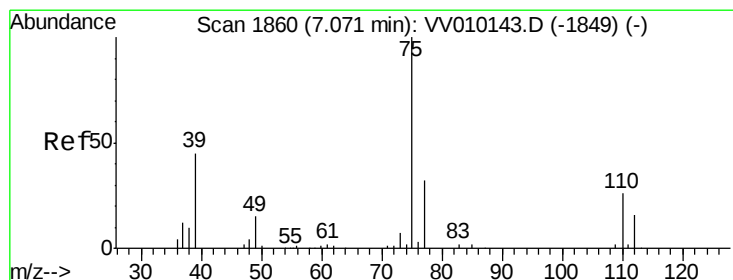
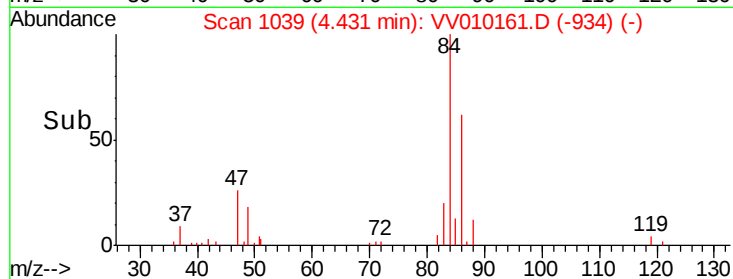
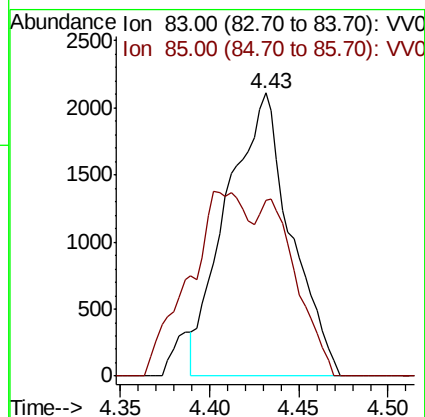
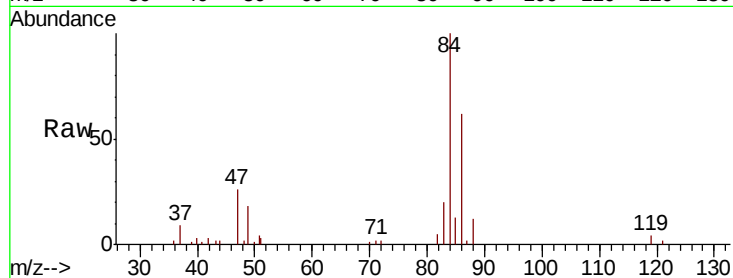




#25
Chloroform
Concen: 0.808 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
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Tgt Ion: 83 Resp: 5291
Ion Ratio Lower Upper
83 100
85 9.4 46.4 86.2#



#42
cis-1,3-Dichloropropene
Concen: 0.584 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV010161.D
Acq: 06 Apr 2019 18:39

Tgt Ion: 75 Resp: 2902
Ion Ratio Lower Upper
75 100
77 38.3 22.1 41.1

