

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092319\
 Data File : VV012937.D
 Acq On : 23 Sep 2019 15:30
 Operator : SY/MD
 Sample : K4958-11
 Misc : 5.33G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESNZ3

Quant Time: Sep 24 07:52:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 24 07:38:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	440858	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	427031	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	169329	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	164958	24.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.44%
7) Chloroethane-d5	1.58	69	144945	26.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.84%
10) 1,1-Dichloroethene-d2	2.13	63	217107	19.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.36%
20) 2-Butanone-d5	3.94	46	94619	40.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.12%
24) Chloroform-d	4.40	84	298455	24.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.56%
26) 1,2-Dichloroethane-d4	5.08	65	175862	24.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.92%
29) Benzene-d6	5.10	84	612167	25.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.72%
33) 1,2-Dichloropropane-d6	6.12	67	195201	26.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.48%
37) Toluene-d8	7.36	98	505877	23.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.48%
38) trans-1,3-Dichloropropene-	7.66	79	73551	23.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.96%
39) 2-Hexanone-d5	8.14	63	54511	36.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.50%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	158900	22.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.56%
61) 1,2-Dichlorobenzene-d4	11.67	152	178014	27.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.24%

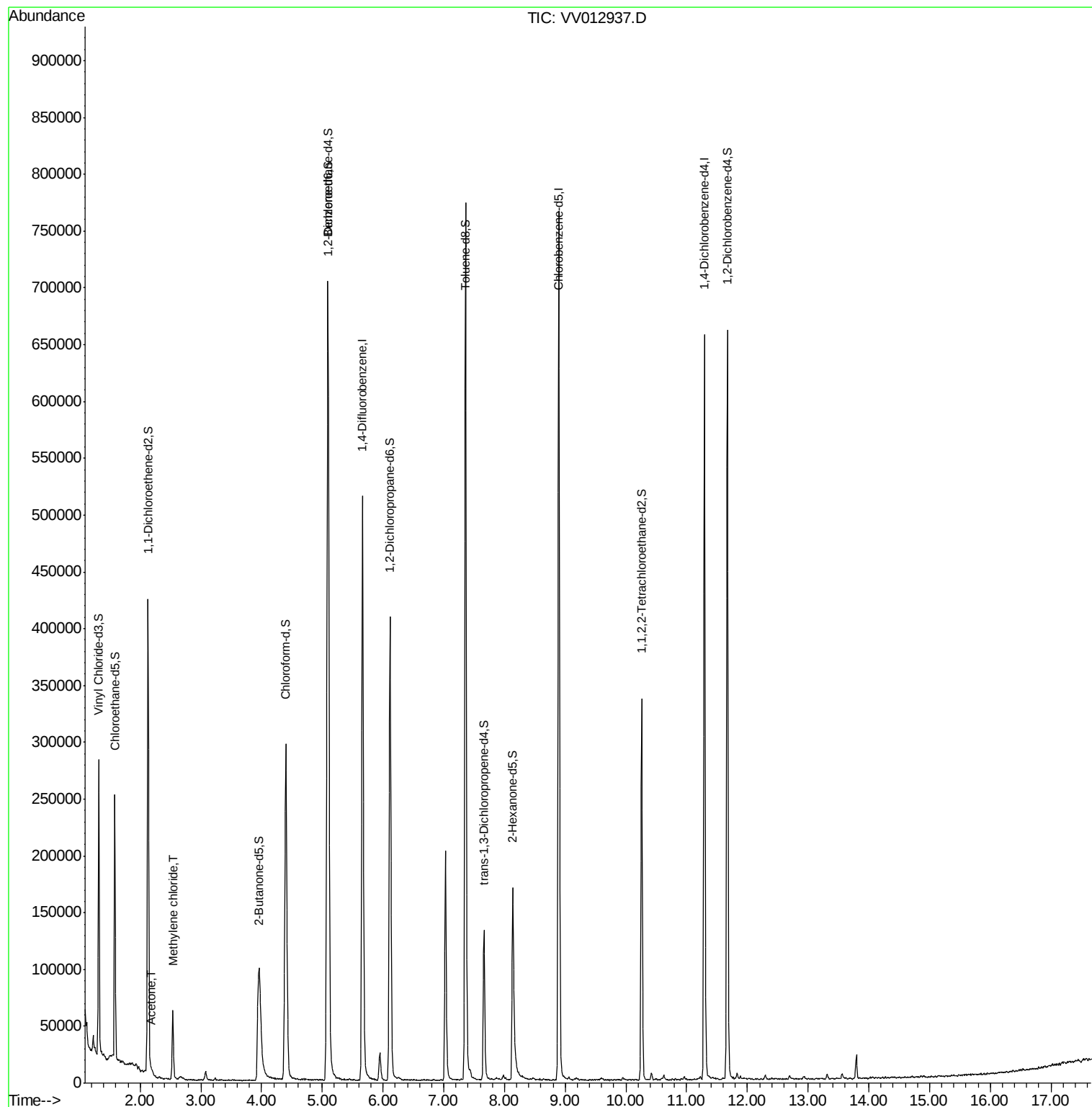
Target Compounds					Ovalue
13) Acetone	2.20	43	3188	1.270 ug/L	99
16) Methylene chloride	2.54	84	23549	3.574 ug/L	96

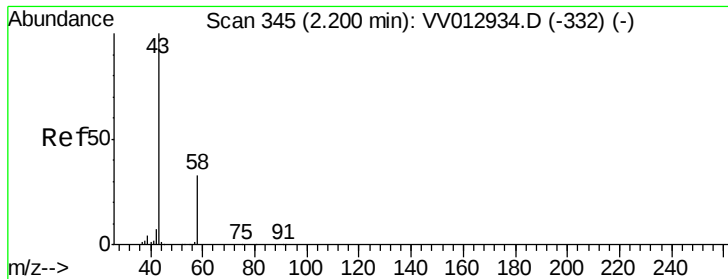
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.270 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.00 min

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Instrument :

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ClientSampleId :

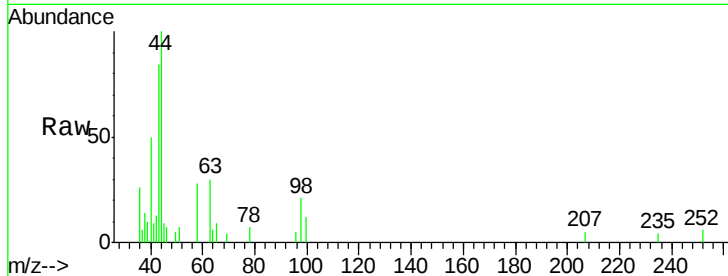
ESNZ3

Tot Ion: 43 Resp: 3188

Ion Ratio Lower Upper

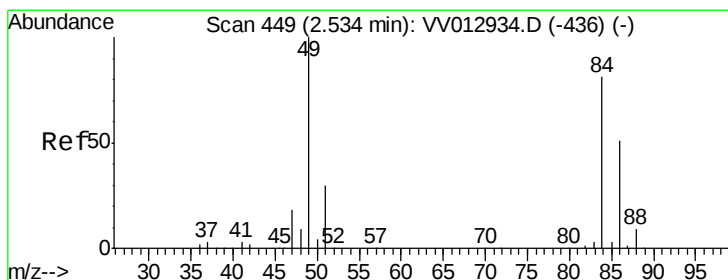
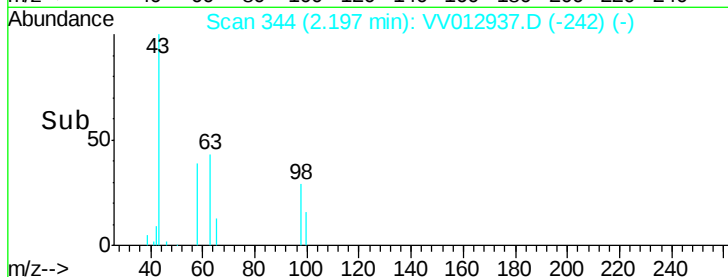
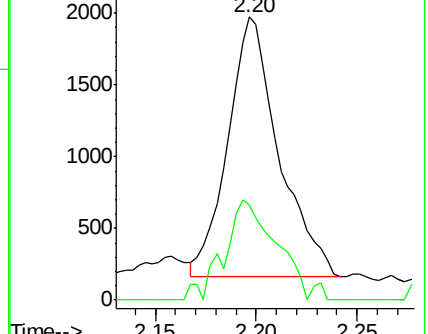
43 100

58 32.9 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 3.574 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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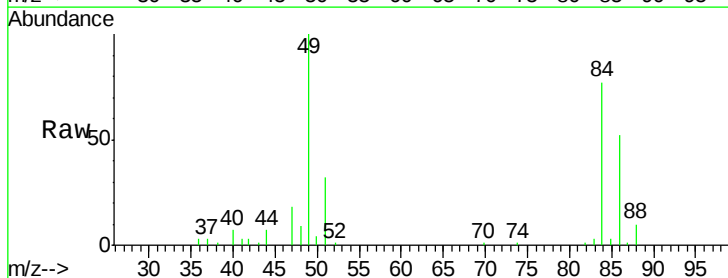
Tgt Ion: 84 Resp: 23549

Ion Ratio Lower Upper

84 100

49 129.9 88.3 164.1

86 67.4 44.9 83.3



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

