

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092319\
 Data File : VV012951.D
 Acq On : 23 Sep 2019 21:57
 Operator : SY/MD
 Sample : K5001-03
 Misc : 6.37G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEDL9

Quant Time: Sep 24 08:32:15 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	665330	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	656486	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	267247	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	217102	21.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.12%
7) Chloroethane-d5	1.58	69	196334	23.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.08%
10) 1,1-Dichloroethene-d2	2.13	63	284646	16.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.32%
20) 2-Butanone-d5	3.95	46	152035	42.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.30%
24) Chloroform-d	4.40	84	417145	22.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.28%
26) 1,2-Dichloroethane-d4	5.08	65	253862	23.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.56%
29) Benzene-d6	5.10	84	856851	23.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.52%
33) 1,2-Dichloropropane-d6	6.12	67	275657	23.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.96%
37) Toluene-d8	7.36	98	729753	21.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.72%
38) trans-1,3-Dichloropropene-	7.66	79	105888	21.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.08%
39) 2-Hexanone-d5	8.14	63	98968	42.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.62%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	239623	21.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	256816	24.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.92%

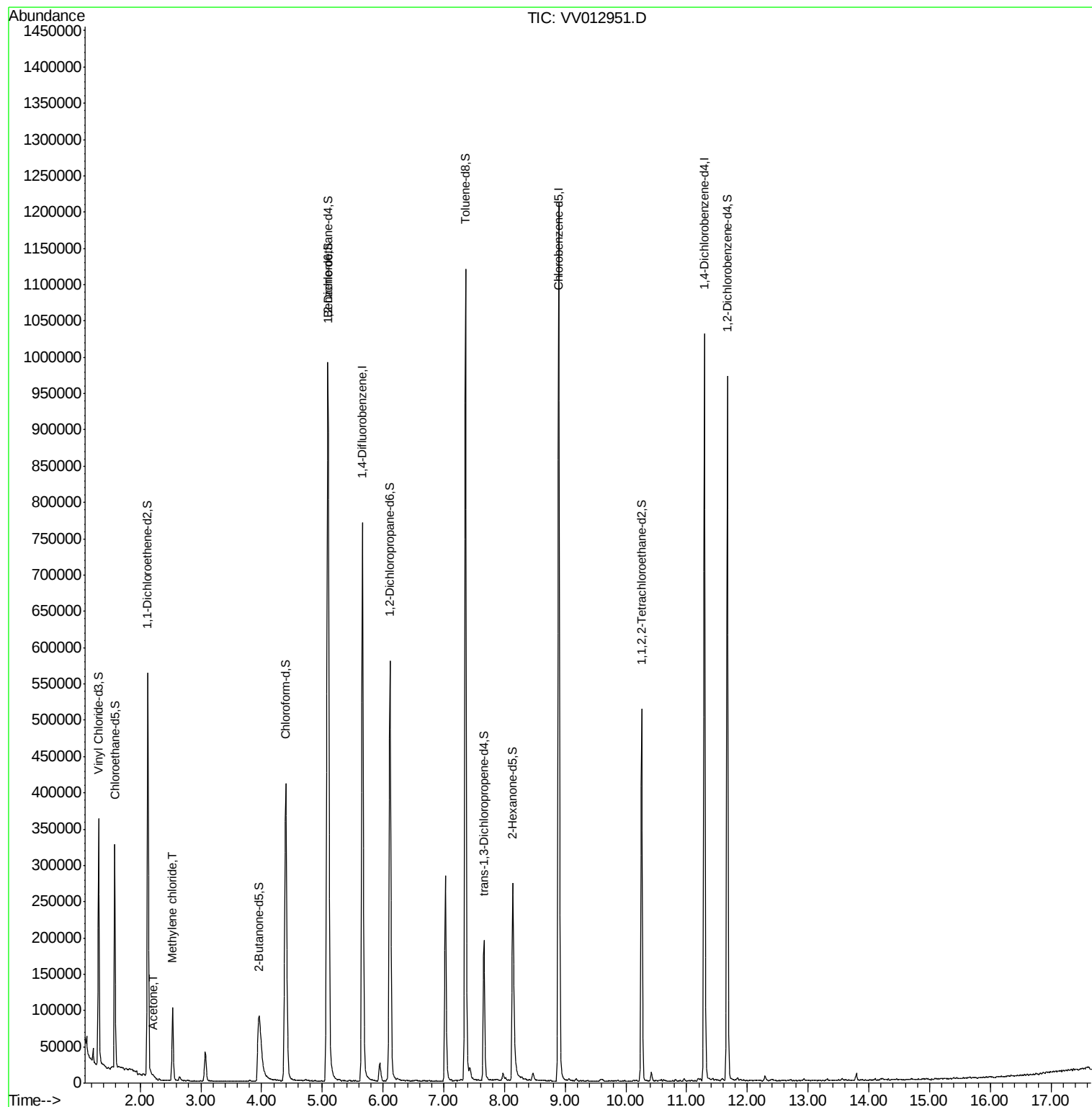
Target Compounds					Ovalue
13) Acetone	2.22	43	6916	1.826 ug/L	74
16) Methylene chloride	2.53	84	40031	4.025 ug/L	99

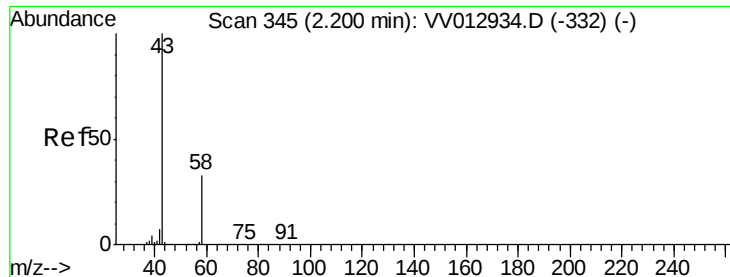
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.826 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.02 min

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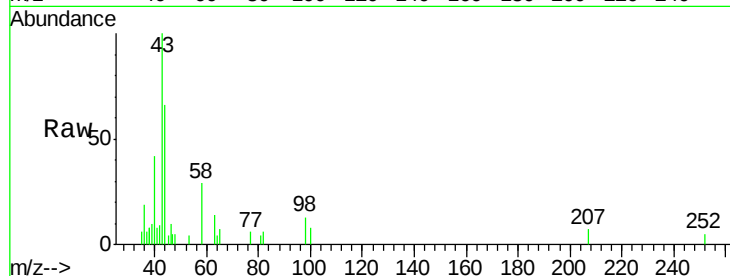
BEDL9

Tot Ion: 43 Resp: 6916

Ion Ratio Lower Upper

43 100

58 18.1 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.22

3000

2500

2000

1500

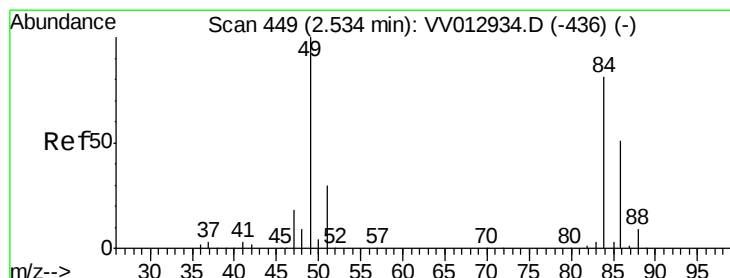
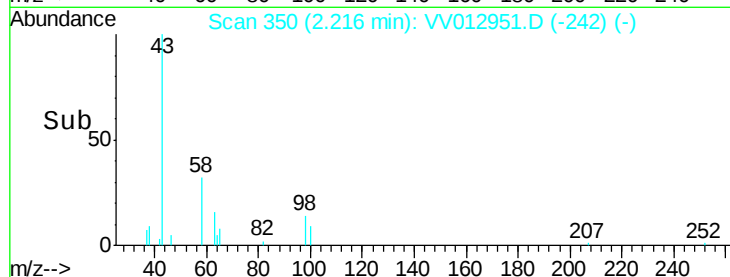
1000

500

0

Time-->

2.15 2.20 2.25 2.30



#16

Methylene chloride

Concen: 4.025 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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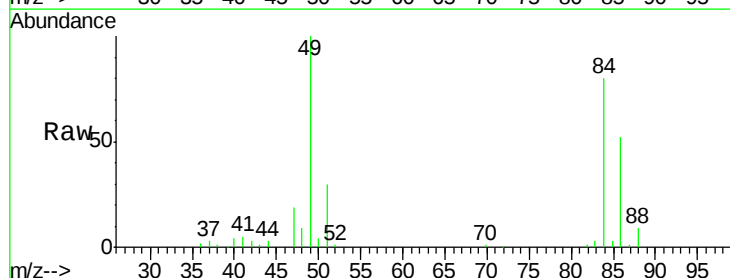
Tgt Ion: 84 Resp: 40031

Ion Ratio Lower Upper

84 100

49 124.3 88.3 164.1

86 65.1 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

40000

30000

20000

10000

0

Time-->

2.50 2.55 2.60

