

Data File : VV012949.D
Acq On : 23 Sep 2019 21:02
Operator : SY/MD
Sample : K5001-01
Misc : 5.02G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEDL7

Quant Time: Sep 24 07:43:38 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	605738	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	519340	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	164064	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	245185	26.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.36%
7) Chloroethane-d5	1.58	69	217631	28.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.56%
10) 1,1-Dichloroethene-d2	2.13	63	310657	19.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.52%
20) 2-Butanone-d5	3.93	46	180177	55.52	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.04%
24) Chloroform-d	4.40	84	450030	27.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.16%
26) 1,2-Dichloroethane-d4	5.08	65	272506	28.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.68%
29) Benzene-d6	5.10	84	876571	30.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.92%
33) 1,2-Dichloropropane-d6	6.12	67	298765	32.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	131.48%#
37) Toluene-d8	7.36	98	709315	26.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.80%
38) trans-1,3-Dichloropropene-	7.66	79	89116	23.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.64%
39) 2-Hexanone-d5	8.13	63	97898	53.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.06%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	253547	29.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.48%
61) 1,2-Dichlorobenzene-d4	11.67	152	182286	28.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.40%

Target Compounds

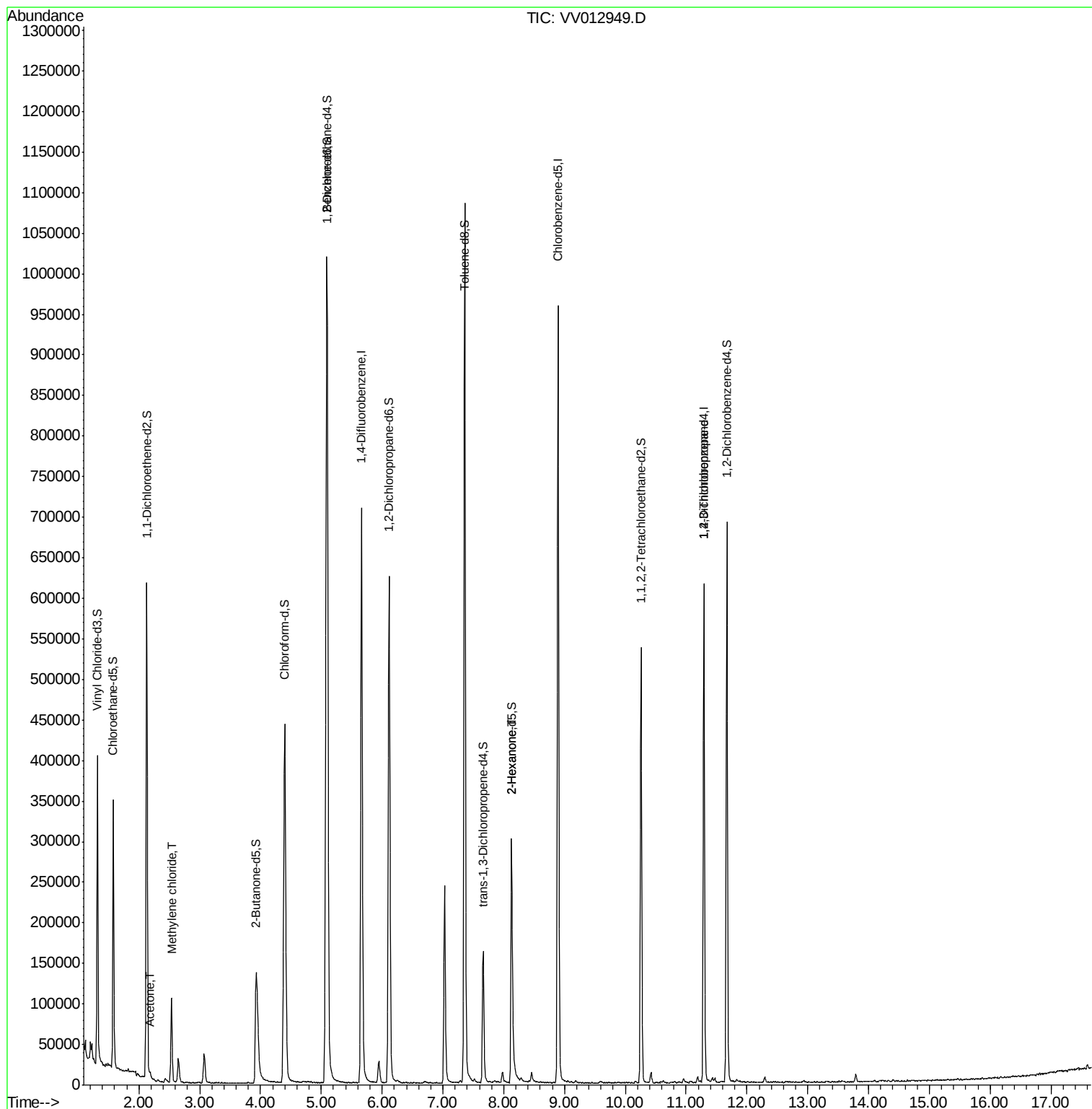
					Qvalue
13) Acetone	2.19	43	4962	1.439 ug/L	95
16) Methylene chloride	2.53	84	41961	4.635 ug/L	99
49) 2-Hexanone	8.13	43	12898	2.770 ug/L #	38
59) 1,2,3-Trichloropropane	11.29	75	19393	2.976 ug/L	98

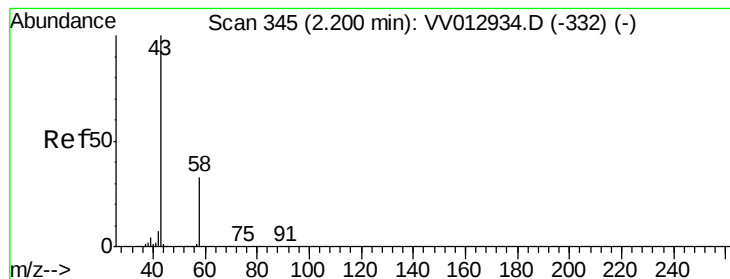
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.439 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

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MSVOA_V

ClientSampleId :

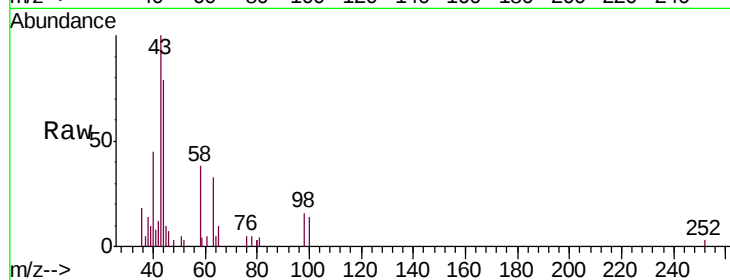
BEDL7

Tgt Ion: 43 Resp: 4962

Ion Ratio Lower Upper

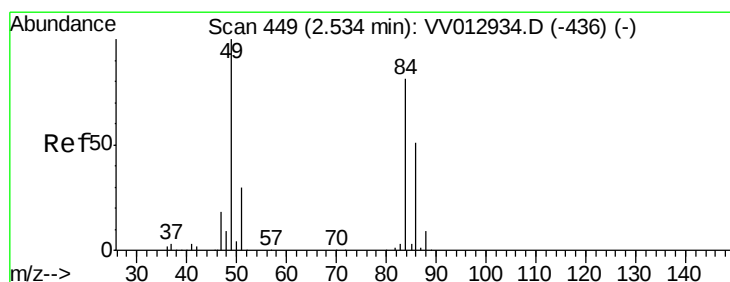
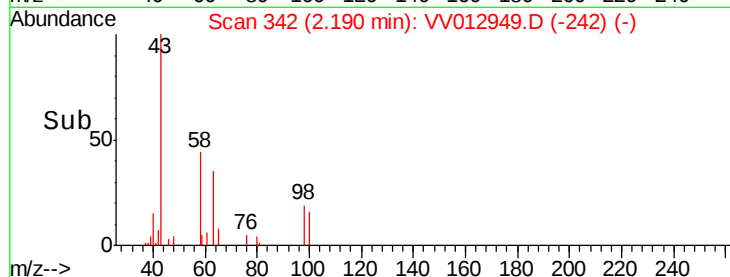
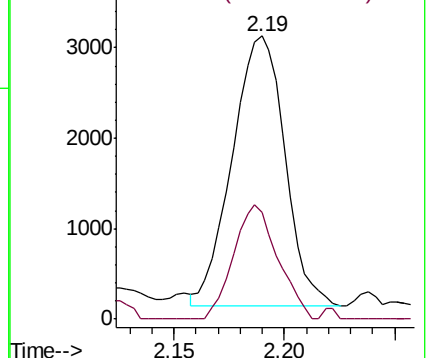
43 100

58 35.4 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VV012934.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV012934.D (-332) (-)



#16

Methylene chloride

Concen: 4.635 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

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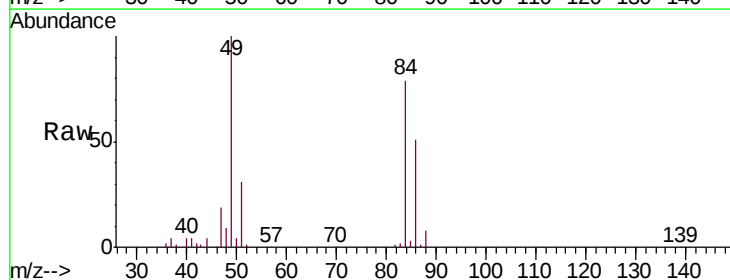
Tgt Ion: 84 Resp: 41961

Ion Ratio Lower Upper

84 100

49 127.4 88.3 164.1

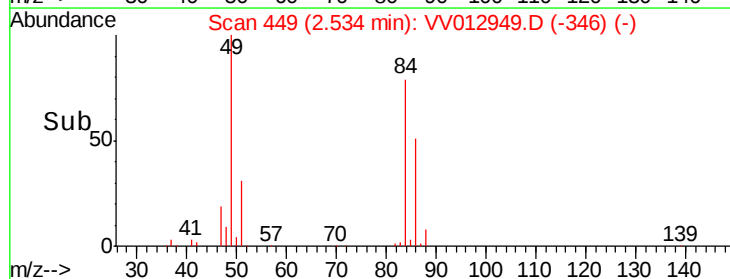
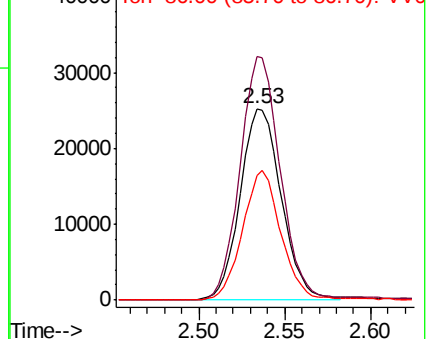
86 65.1 44.9 83.3

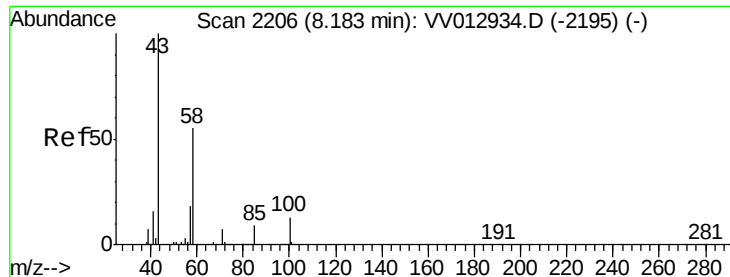


Abundance Ion 84.00 (83.70 to 84.70): VV012934.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV012934.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV012934.D (-436) (-)





#49

2-Hexanone

Concen: 2.770 ug/L

RT: 8.13 min Scan# 2189

Delta R.T. -0.05 min

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MSVOA_V

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BEDL7

Tgt Ion: 43 Resp: 12898

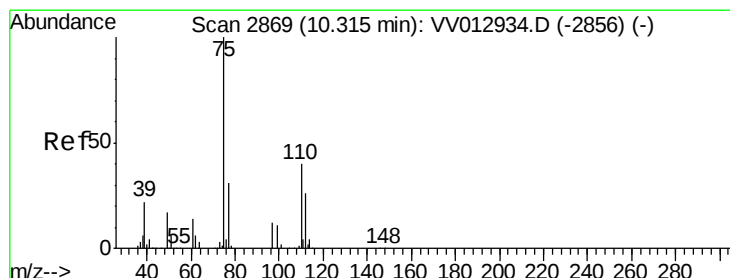
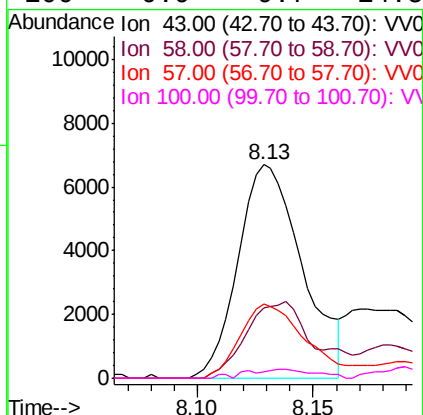
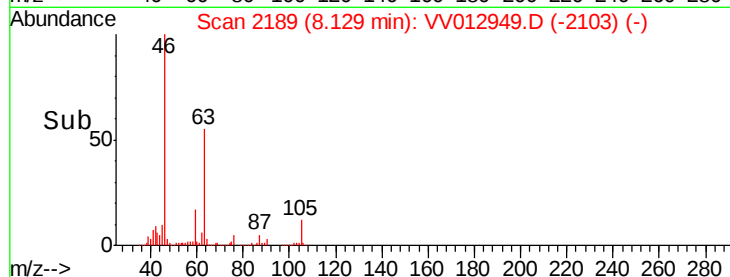
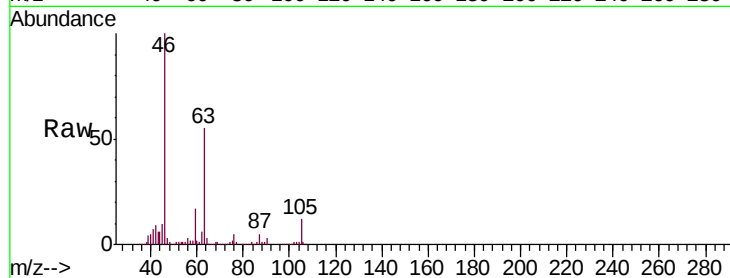
Ion Ratio Lower Upper

43 100

58 0.0 46.5 69.7#

57 36.0 15.5 23.3#

100 0.9 9.7 14.5#



#59

1,2,3-Trichloropropane

Concen: 2.976 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.98 min

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Tgt Ion: 75 Resp: 19393

Ion Ratio Lower Upper

75 100

77 32.8 25.4 38.0

