

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092519\
 Data File : VV012986.D
 Acq On : 25 Sep 2019 19:34
 Operator : SY/MD
 Sample : K4988-11
 Misc : 6.06G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESP02

Quant Time: Sep 26 03:54:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 26 01:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	665513	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	632250	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	248295	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	208088	20.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.60%
7) Chloroethane-d5	1.58	69	189643	22.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.88%
10) 1,1-Dichloroethene-d2	2.13	63	280111	16.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.24%
20) 2-Butanone-d5	3.94	46	108680	30.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.96%
24) Chloroform-d	4.40	84	413686	22.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.52%
26) 1,2-Dichloroethane-d4	5.08	65	242779	22.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.40%
29) Benzene-d6	5.10	84	822311	23.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.16%
33) 1,2-Dichloropropane-d6	6.12	67	270623	24.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.84%
37) Toluene-d8	7.36	98	686344	21.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.68%
38) trans-1,3-Dichloropropene-	7.66	79	91935	19.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.48%
39) 2-Hexanone-d5	8.13	63	72796	32.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.38%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	206846	19.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.72%
61) 1,2-Dichlorobenzene-d4	11.67	152	226627	23.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.96%

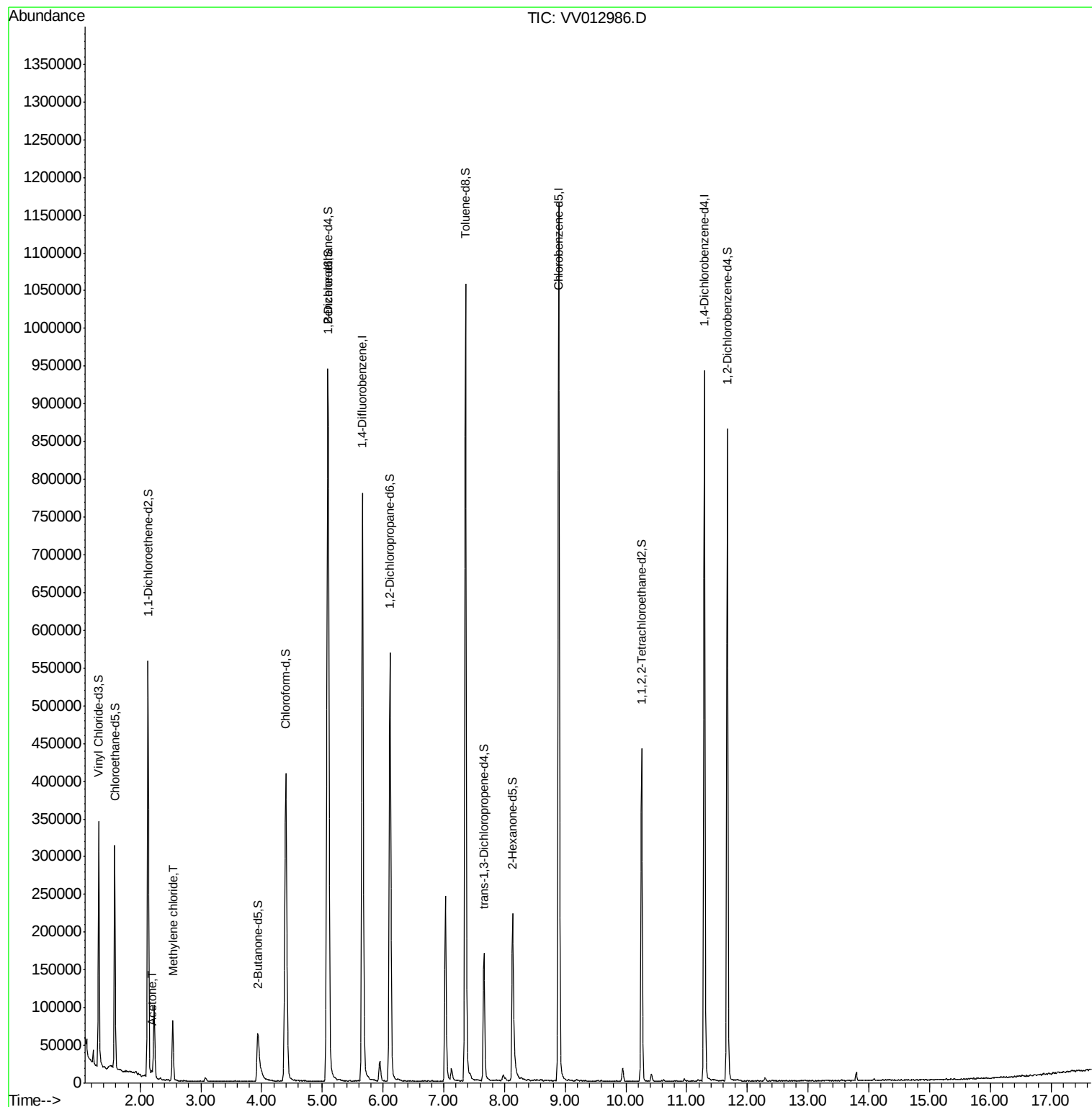
Target Compounds					Ovalue
13) Acetone	2.19	43	9539	2.517 ug/L	95
16) Methylene chloride	2.54	84	32426	3.260 ug/L	100

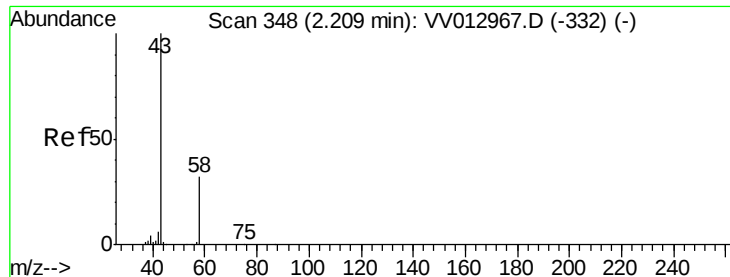
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.517 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.02 min

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Instrument :

MSVOA_V

ClientSampled :

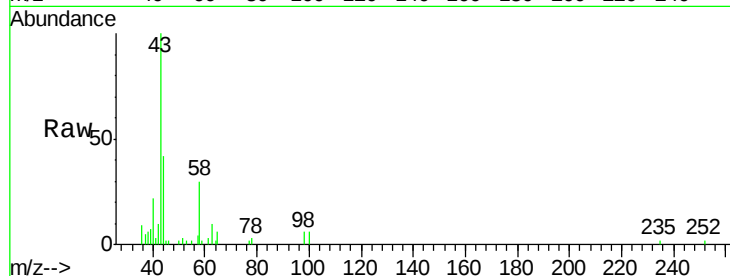
ESP02

Tot Ion: 43 Resp: 9539

Ion Ratio Lower Upper

43 100

58 29.8 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

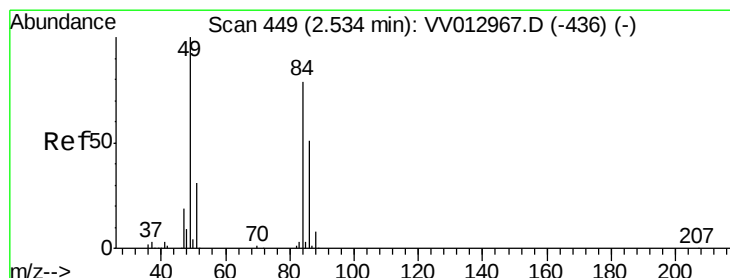
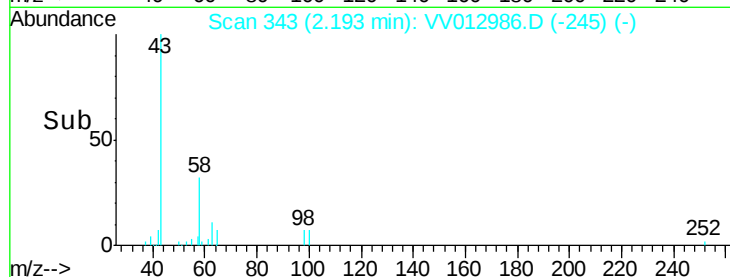
6000

4000

2000

0

Time--> 2.10 2.15 2.20 2.25



#16

Methylene chloride

Concen: 3.260 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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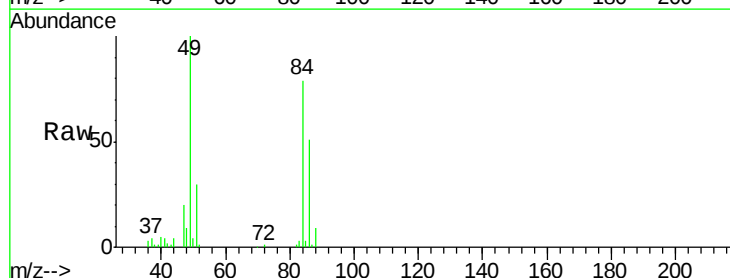
Tgt Ion: 84 Resp: 32426

Ion Ratio Lower Upper

84 100

49 126.2 88.3 164.1

86 64.0 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

2.54

30000

20000

10000

0

Time--> 2.50 2.55 2.60

