

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092519\
 Data File : VV012984.D
 Acq On : 25 Sep 2019 18:39
 Operator : SY/MD
 Sample : K4988-09
 Misc : 5.14G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESNZ6

Quant Time: Sep 26 03:49:44 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	628270	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	599663	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	241014	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	204329	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.84%
7) Chloroethane-d5	1.58	69	185179	23.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.00%
10) 1,1-Dichloroethene-d2	2.13	63	279683	17.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.00%
20) 2-Butanone-d5	3.94	46	115357	34.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.54%
24) Chloroform-d	4.40	84	417375	24.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.72%
26) 1,2-Dichloroethane-d4	5.08	65	249493	24.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.48%
29) Benzene-d6	5.10	84	831675	24.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.36%
33) 1,2-Dichloropropane-d6	6.11	67	277158	26.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.64%
37) Toluene-d8	7.36	98	696635	22.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.68%
38) trans-1,3-Dichloropropene-	7.66	79	98014	22.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.24%
39) 2-Hexanone-d5	8.13	63	81735	38.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.40%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	221625	22.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.92%
61) 1,2-Dichlorobenzene-d4	11.67	152	242479	25.89	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.56%

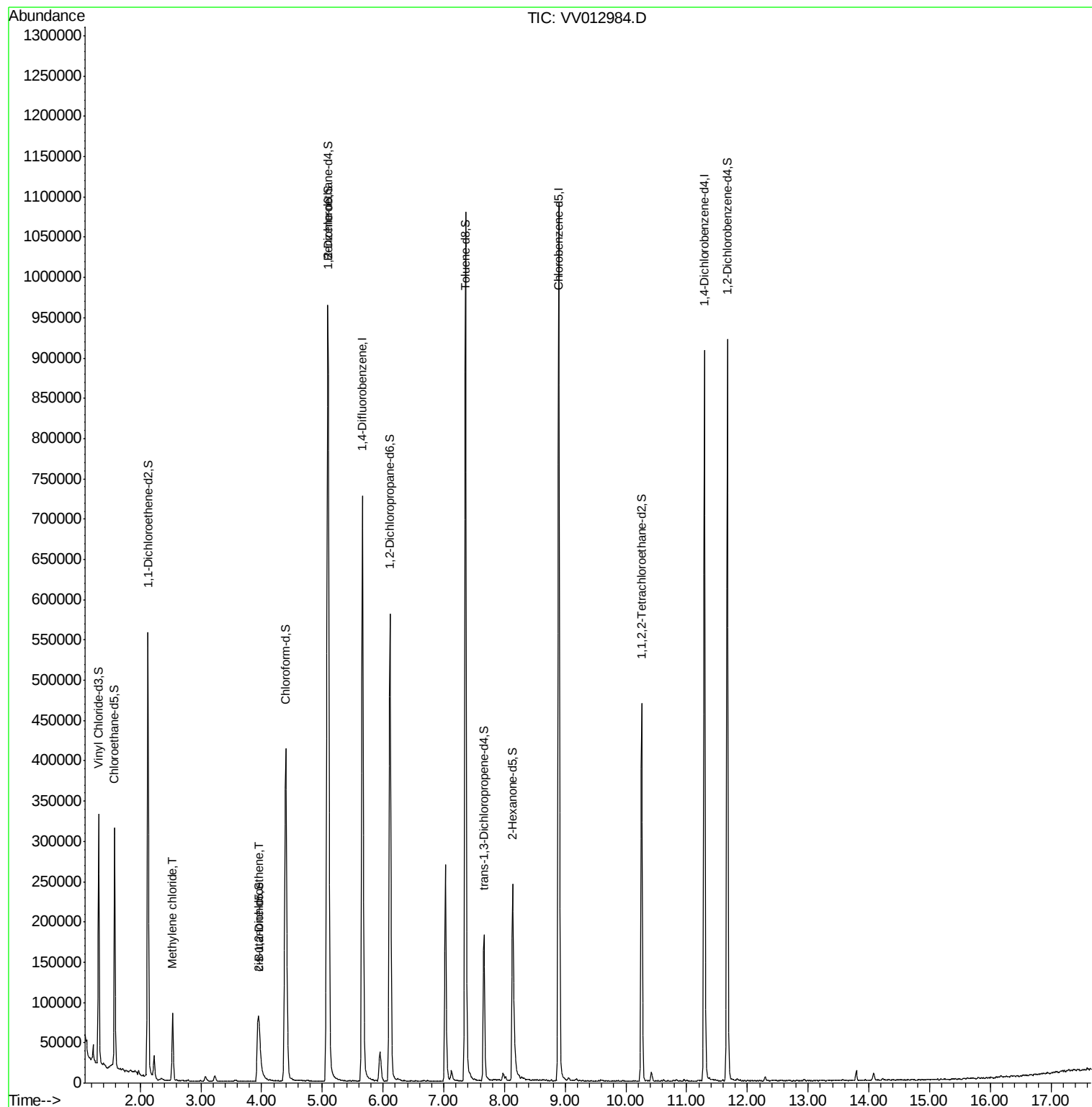
Target Compounds					Ovalue
16) Methylene chloride	2.53	84	34107	3.632 ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	17532	1.906 ug/L	96

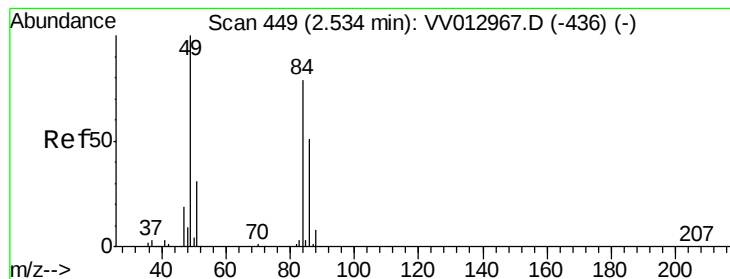
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 3.632 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV012984.D

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Instrument :

MSVOA_V

ClientSampled :

ESNZ6

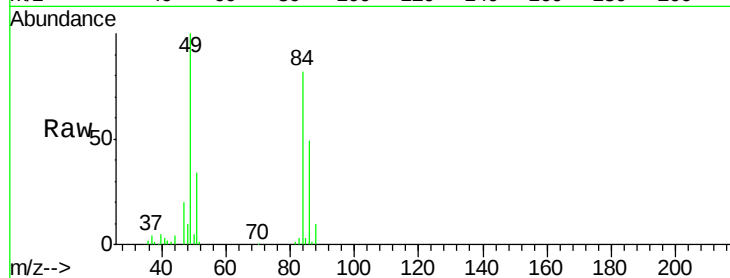
Tot Ion: 84 Resp: 34107

Ion Ratio Lower Upper

84 100

49 122.6 88.3 164.1

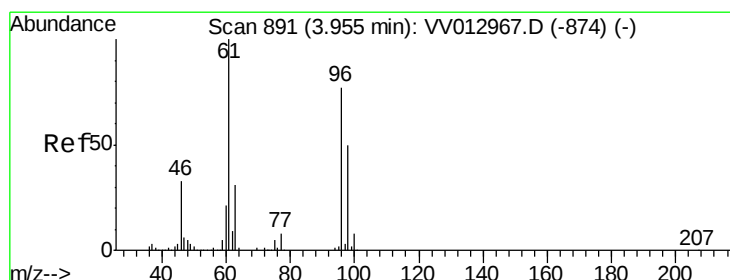
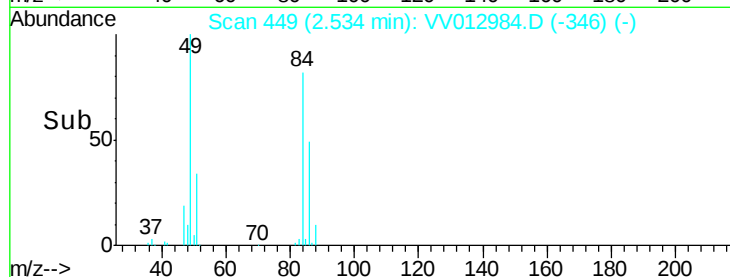
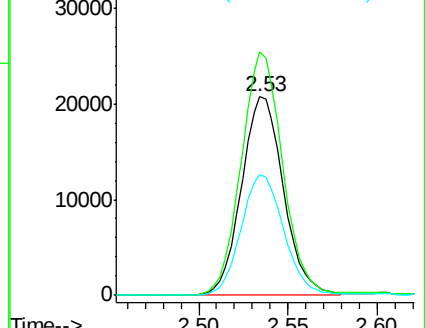
86 60.6 44.9 83.3



Abundance Ion 84.00 (83.70 to 84.70): VV012967.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV012967.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV012967.D (-436) (-)



#22

cis-1,2-Dichloroethene

Concen: 1.906 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.01 min

Lab File: VV012984.D

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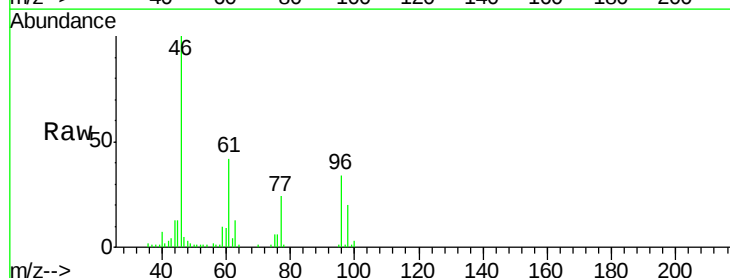
Tgt Ion: 96 Resp: 17532

Ion Ratio Lower Upper

96 100

61 126.7 90.9 168.7

98 59.3 45.6 84.6



Abundance Ion 96.00 (95.70 to 96.70): VV012967.D (-874) (-)

Ion 61.00 (60.70 to 61.70): VV012967.D (-874) (-)

Ion 98.00 (97.70 to 98.70): VV012967.D (-874) (-)

