

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092519\
 Data File : VV012983.D
 Acq On : 25 Sep 2019 18:11
 Operator : SY/MD
 Sample : K4988-08
 Misc : 5.37G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESNZ0

Quant Time: Sep 26 03:42:17 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	665552	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	630120	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	243780	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	231954	22.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.84%
7) Chloroethane-d5	1.58	69	209684	25.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.44%
10) 1,1-Dichloroethene-d2	2.13	63	317170	18.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.88%
20) 2-Butanone-d5	3.95	46	123884	34.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.48%
24) Chloroform-d	4.40	84	455902	24.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.72%
26) 1,2-Dichloroethane-d4	5.08	65	273095	25.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.80%
29) Benzene-d6	5.10	84	909590	25.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.40%
33) 1,2-Dichloropropane-d6	6.11	67	298688	27.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.36%
37) Toluene-d8	7.36	98	771970	24.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.68%
38) trans-1,3-Dichloropropene-	7.66	79	105811	22.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.64%
39) 2-Hexanone-d5	8.13	63	86957	39.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.38%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	235528	22.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	252406	26.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.60%

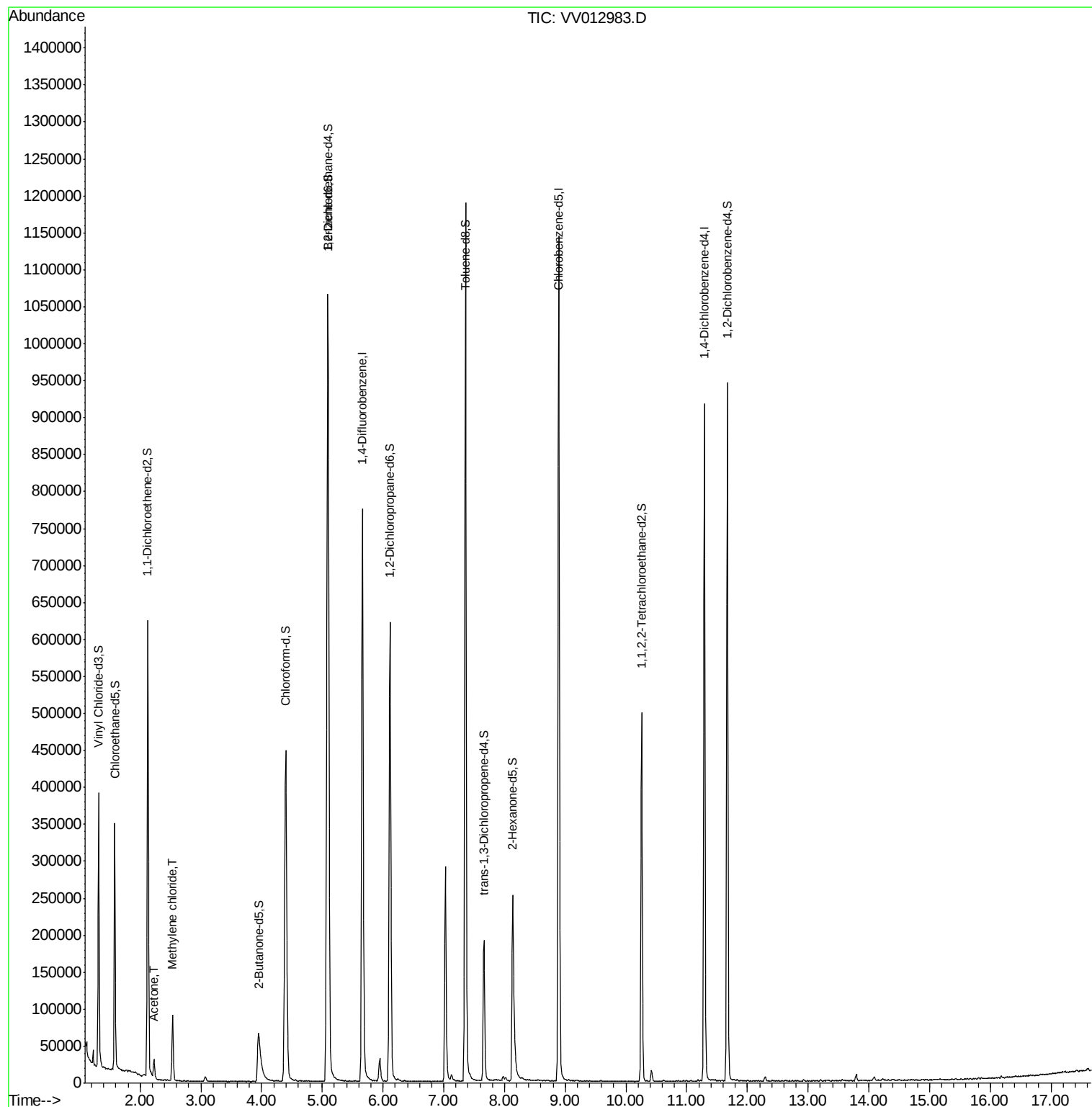
Target Compounds					Ovalue
13) Acetone	2.21	43	4595	1.212 ug/L	98
16) Methylene chloride	2.53	84	35607	3.579 ug/L	99

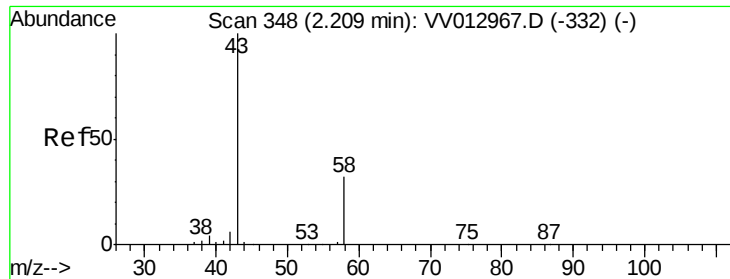
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.212 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

Lab File: VV012983.D

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Instrument :

MSVOA_V

ClientSampled :

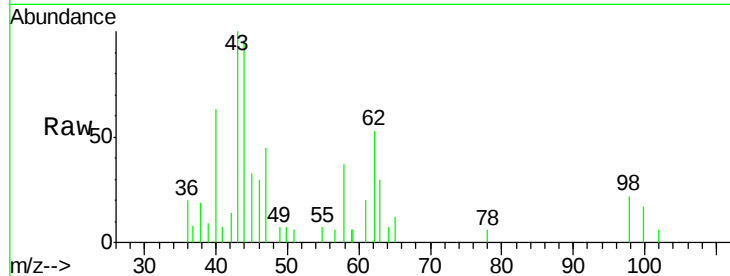
ESNZ0

Tot Ion: 43 Resp: 4595

Ion Ratio Lower Upper

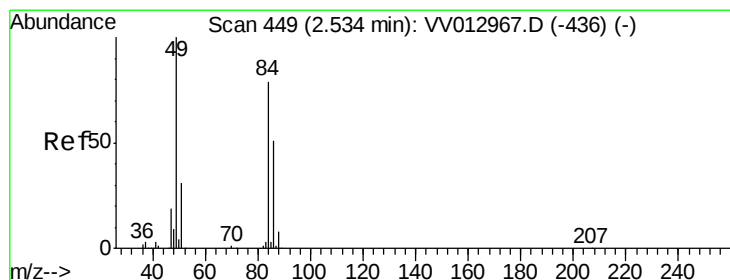
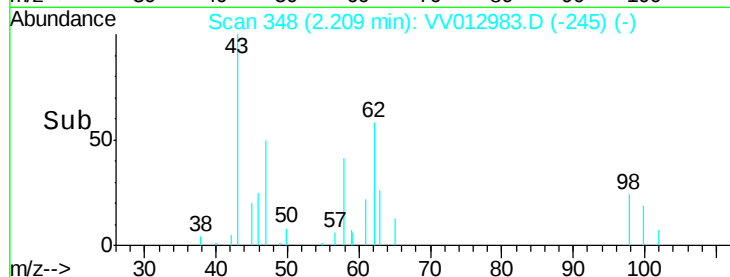
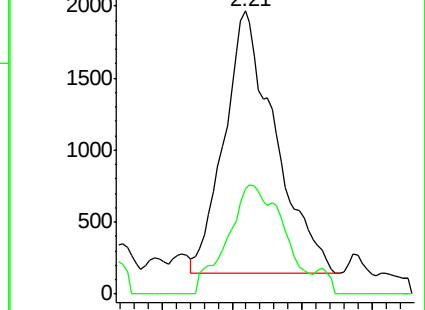
43 100

58 31.3 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VV012967.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV012967.D (-332) (-)



#16

Methylene chloride

Concen: 3.579 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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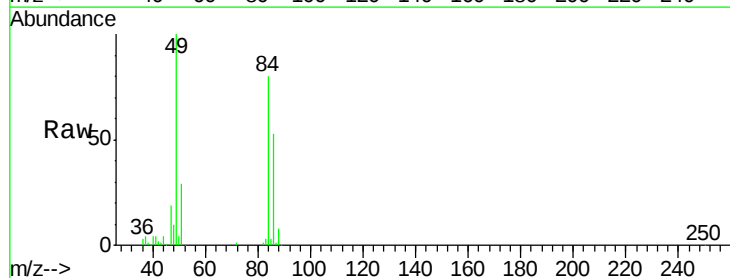
Tgt Ion: 84 Resp: 35607

Ion Ratio Lower Upper

84 100

49 124.9 88.3 164.1

86 65.7 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) (-)

