

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122018\
 Data File : VV009106.D
 Acq On : 21 Dec 2018 01:54
 Operator : SY/MD
 Sample : J6468-18
 Misc : 5.92 G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JH4

Quant Time: Dec 21 03:02:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 21 01:30:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	200858	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	174924	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51304	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	42420	20.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.64%
7) Chloroethane-d5	1.58	69	46318	30.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.64%
10) 1,1-Dichloroethene-d2	2.13	63	81398	15.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.64%
20) 2-Butanone-d5	3.94	46	42806	56.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.14%
24) Chloroform-d	4.40	84	133784	27.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.84%
26) 1,2-Dichloroethane-d4	5.08	65	79726	30.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.04%
29) Benzene-d6	5.10	84	253834	25.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.92%
33) 1,2-Dichloropropane-d6	6.12	67	87269	31.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.64%#
37) Toluene-d8	7.36	98	212549	23.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.04%
38) trans-1,3-Dichloropropene-	7.67	79	24390	20.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.20%
39) 2-Hexanone-d5	8.14	63	24402	48.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.40%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	72398	31.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.20%#
61) 1,2-Dichlorobenzene-d4	11.68	152	53026	27.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.16%

Target Compounds

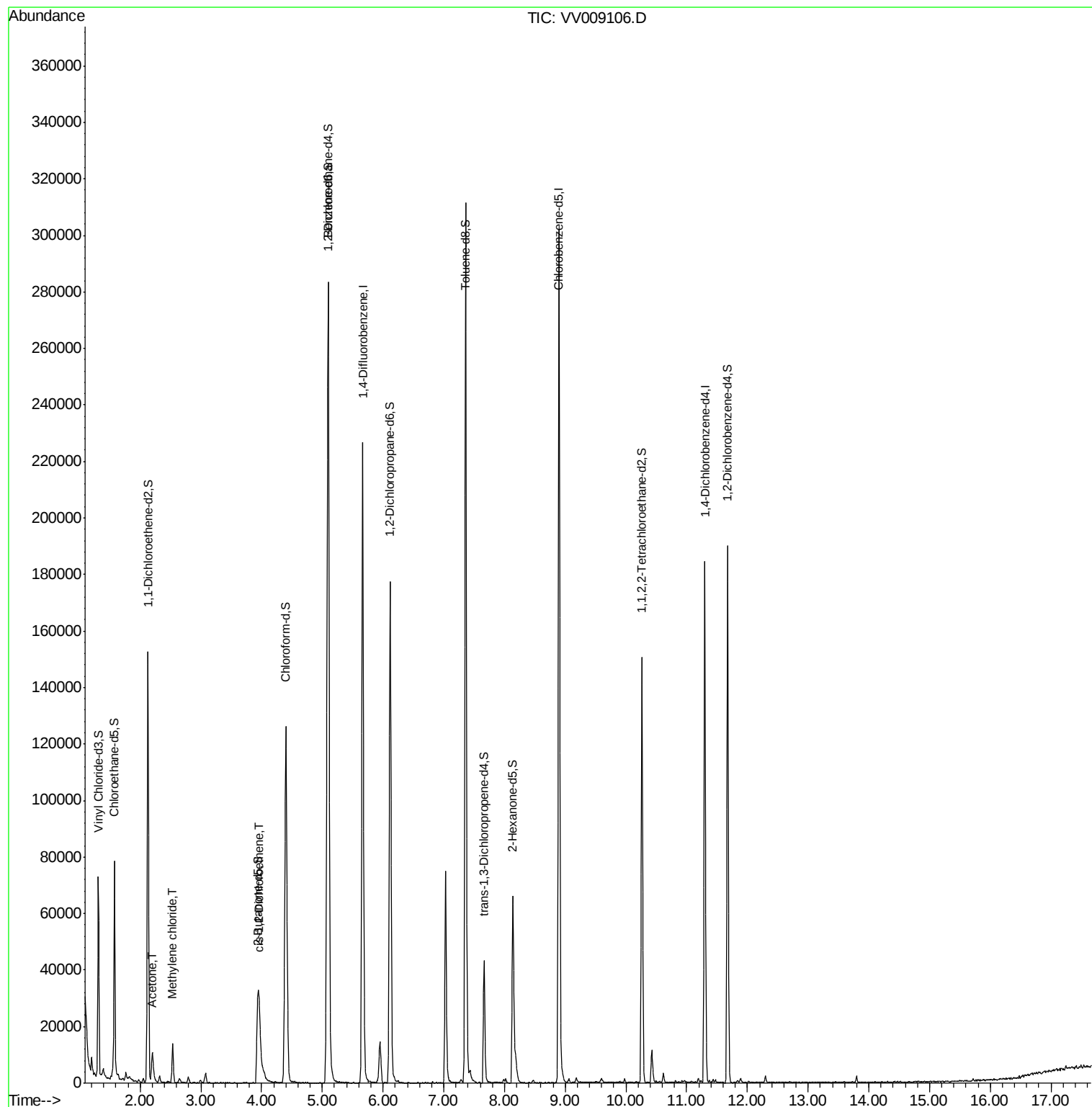
					Qvalue
13) Acetone	2.20	43	15227	13.657 ug/L	98
16) Methylene chloride	2.53	84	6216	1.838 ug/L	93
22) cis-1,2-Dichloroethene	3.97	96	3714	1.273 ug/L	92

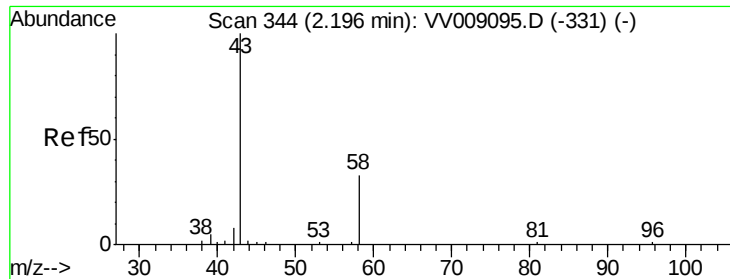
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.657 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.00 min

Lab File: VV009106.D

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Instrument :

MSVOA_V

ClientSampleId :

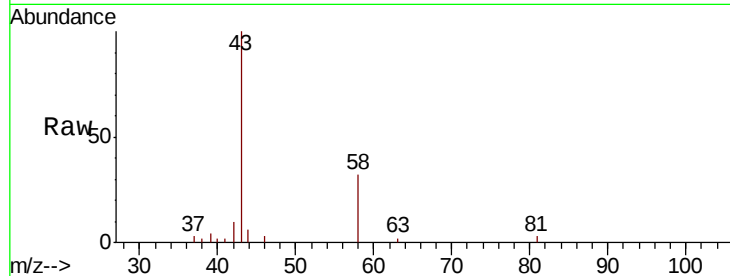
C0JH4

Tgt Ion: 43 Resp: 15227

Ion Ratio Lower Upper

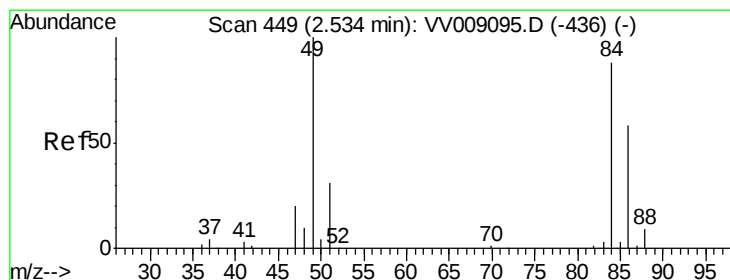
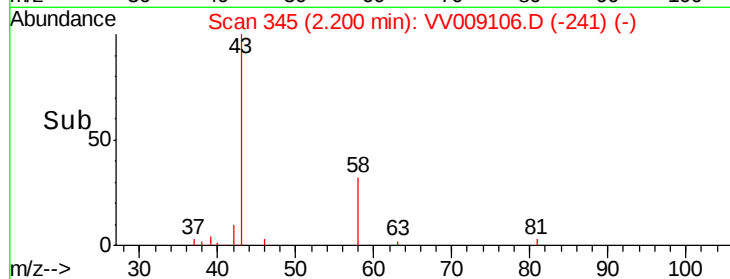
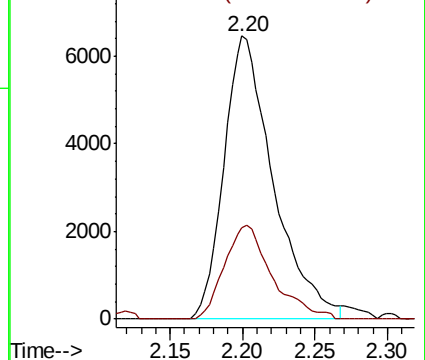
43 100

58 31.6 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VV009106.D (-345) (-)

Ion 58.00 (57.70 to 58.70): VV009106.D (-345) (-)



#16

Methylene chloride

Concen: 1.838 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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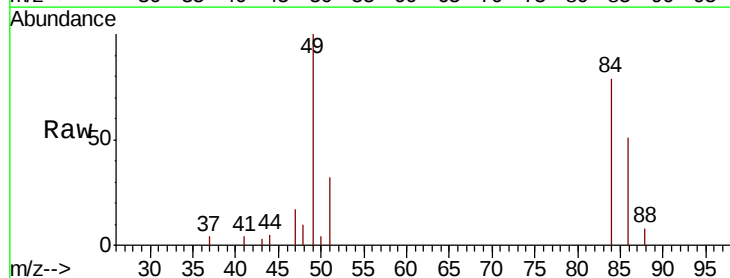
Tgt Ion: 84 Resp: 6216

Ion Ratio Lower Upper

84 100

49 126.3 80.5 149.5

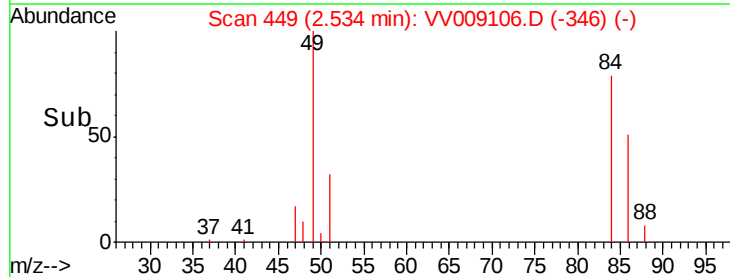
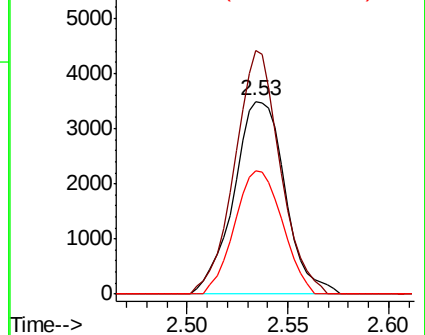
86 64.0 45.5 84.5

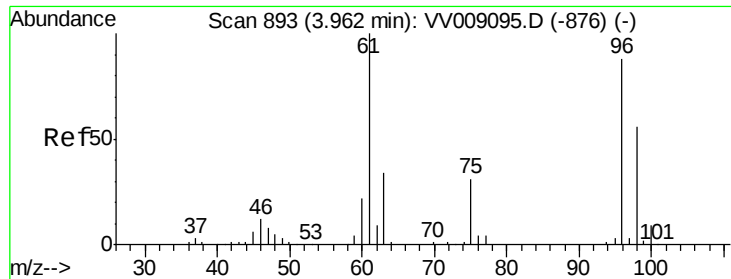


Abundance Ion 84.00 (83.70 to 84.70): VV009106.D (-349) (-)

Ion 49.00 (48.70 to 49.70): VV009106.D (-349) (-)

Ion 86.00 (85.70 to 86.70): VV009106.D (-349) (-)





#22

cis-1,2-Dichloroethene
 Concen: 1.273 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.01 min
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Tgt Ion: 96 Resp: 3714
 Ion Ratio Lower Upper
 96 100
 61 117.5 86.2 160.0
 98 53.2 45.6 84.6

