

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040319\
 Data File : VV010097.D
 Acq On : 03 Apr 2019 17:36
 Operator : SY/MD
 Sample : VIBLK15
 Misc : 5.00G/10mL/MSVOA V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK15

Quant Time: Apr 04 08:01:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 06:01:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	212637	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	197220	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	87199	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71504	25.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.48%
7) Chloroethane-d5	1.57	69	69464	19.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.60%
10) 1,1-Dichloroethene-d2	2.12	63	146391	20.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.56%
20) 2-Butanone-d5	3.95	46	61597	76.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	152.08%#
24) Chloroform-d	4.40	84	130271	24.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.28%
26) 1,2-Dichloroethane-d4	5.08	65	80864	26.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.92%
29) Benzene-d6	5.10	84	279687	27.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.40%
33) 1,2-Dichloropropane-d6	6.12	67	78119	25.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.52%
37) Toluene-d8	7.36	98	255952	25.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.88%
38) trans-1,3-Dichloropropene-	7.66	79	30053	23.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.16%
39) 2-Hexanone-d5	8.14	63	43708	72.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.40%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	82211	27.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.48%
61) 1,2-Dichlorobenzene-d4	11.67	152	89585	26.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.48%

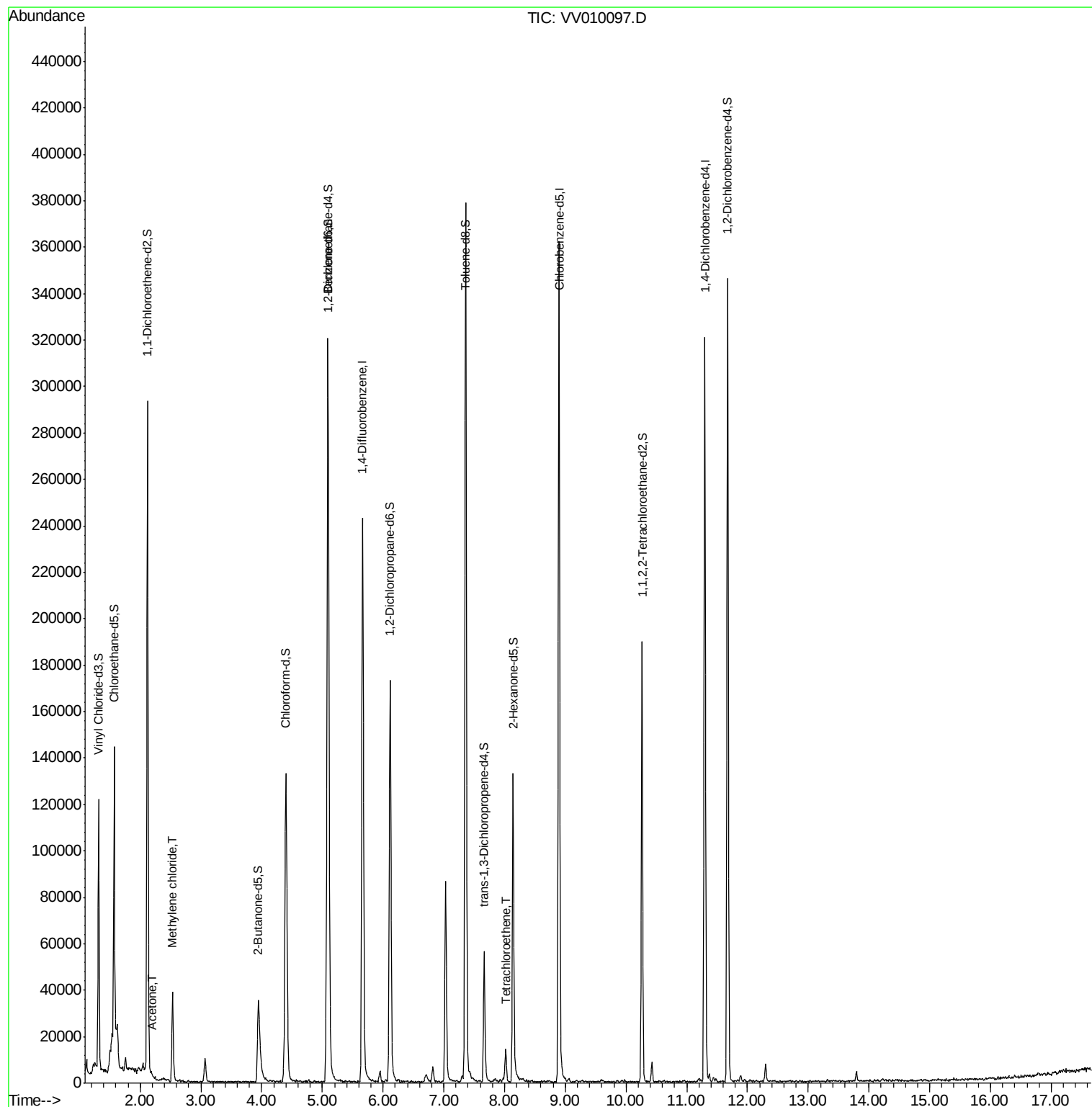
Target Compounds					Ovalue
13) Acetone	2.20	43	2041	2.548 ug/L	85
16) Methylene chloride	2.53	84	16100	4.310 ug/L	90
47) Tetrachloroethene	8.02	164	2488	1.071 ug/L	88

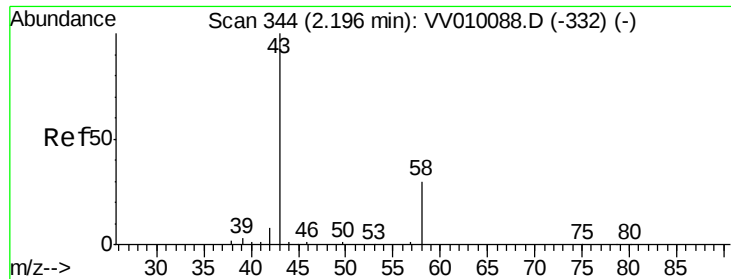
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.548 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.00 min

Lab File: VV010097.D

Acq: 03 Apr 2019 17:36

Instrument :

MSVOA_V

ClientSampled :

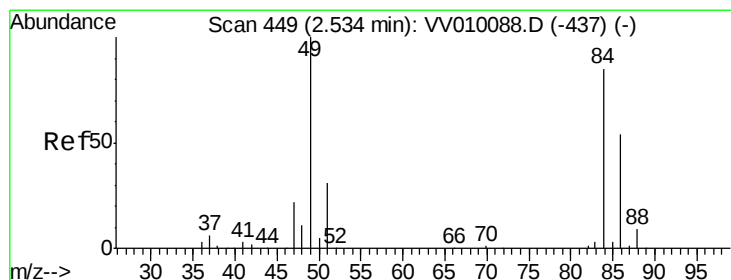
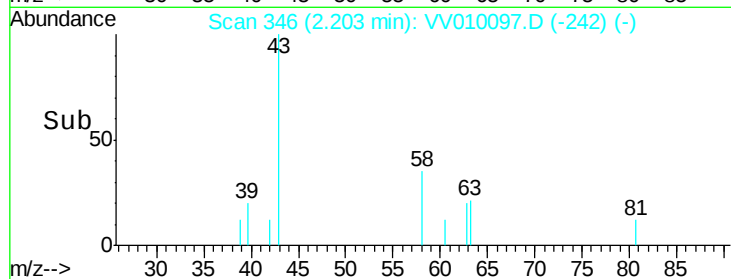
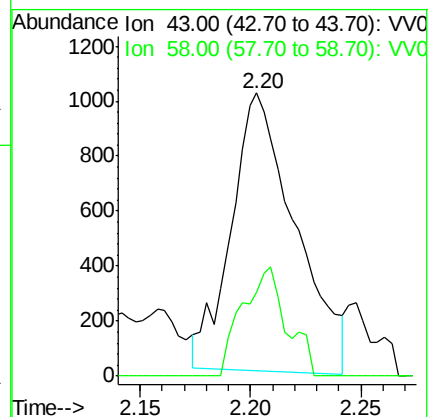
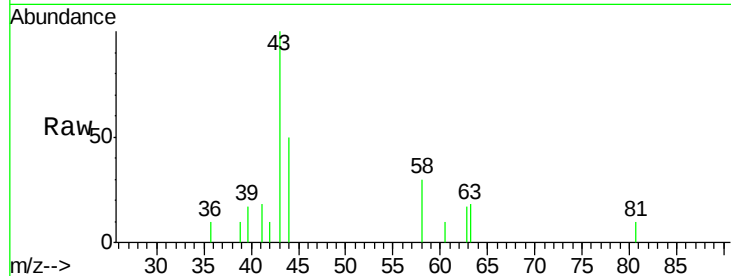
VIBLK15

Tot Ion: 43 Resp: 2041

Ion Ratio Lower Upper

43 100

58 24.2 0.0 64.6



#16

Methylene chloride

Concen: 4.310 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV010097.D

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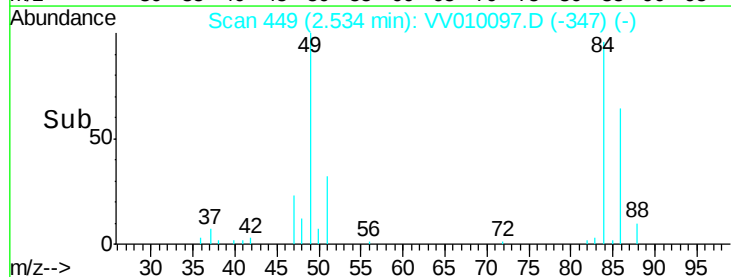
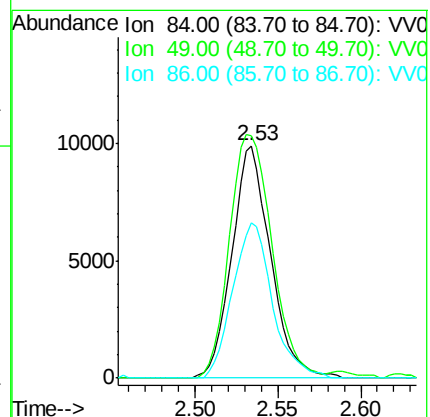
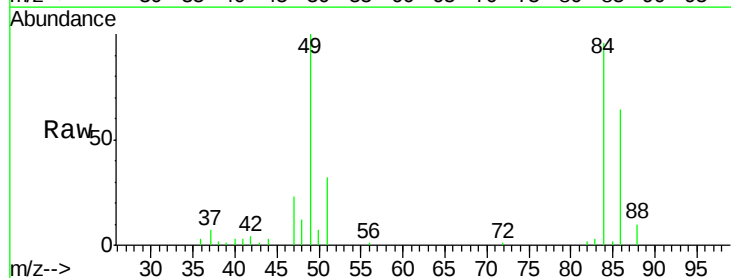
Tgt Ion: 84 Resp: 16100

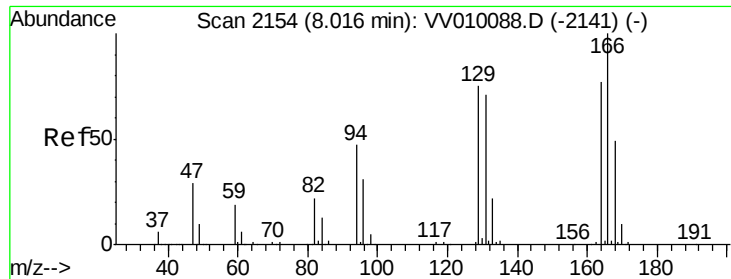
Ion Ratio Lower Upper

84 100

49 104.5 84.3 156.5

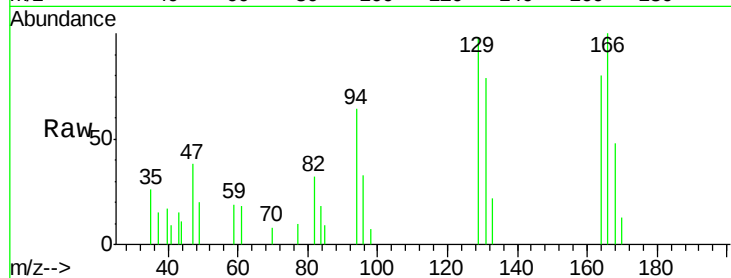
86 66.7 45.4 84.2





#47
 Tetrachloroethene
 Concen: 1.071 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: VV010097.D
 Acq: 03 Apr 2019 17:36

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Tot Ion:	164	Resp:	2488
Ion	Ratio	Lower	Upper
164	100		
129	121.7	67.8	125.8
131	98.1	65.2	121.0
166	124.6	93.8	174.2

