

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010239.D
 Acq On : 11 Apr 2019 13:10
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK

Quant Time: Apr 12 02:24:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 01:24:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	310517	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	288273	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	142533	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64682	18.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.40%
7) Chloroethane-d5	1.57	69	73876	24.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.20%
10) 1,1-Dichloroethene-d2	2.13	63	141451	15.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.20%
20) 2-Butanone-d5	3.93	46	43234	47.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.60%
24) Chloroform-d	4.40	84	132107	18.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.52%
26) 1,2-Dichloroethane-d4	5.08	65	87619	21.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.76%
29) Benzene-d6	5.10	84	284533	20.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.88%
33) 1,2-Dichloropropane-d6	6.12	67	85395	20.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.60%
37) Toluene-d8	7.36	98	270521	19.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.84%
38) trans-1,3-Dichloropropene-	7.66	79	34034	19.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.96%
39) 2-Hexanone-d5	8.13	63	31573	44.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.42%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	79130	21.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.28%
61) 1,2-Dichlorobenzene-d4	11.67	152	114169	21.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.76%

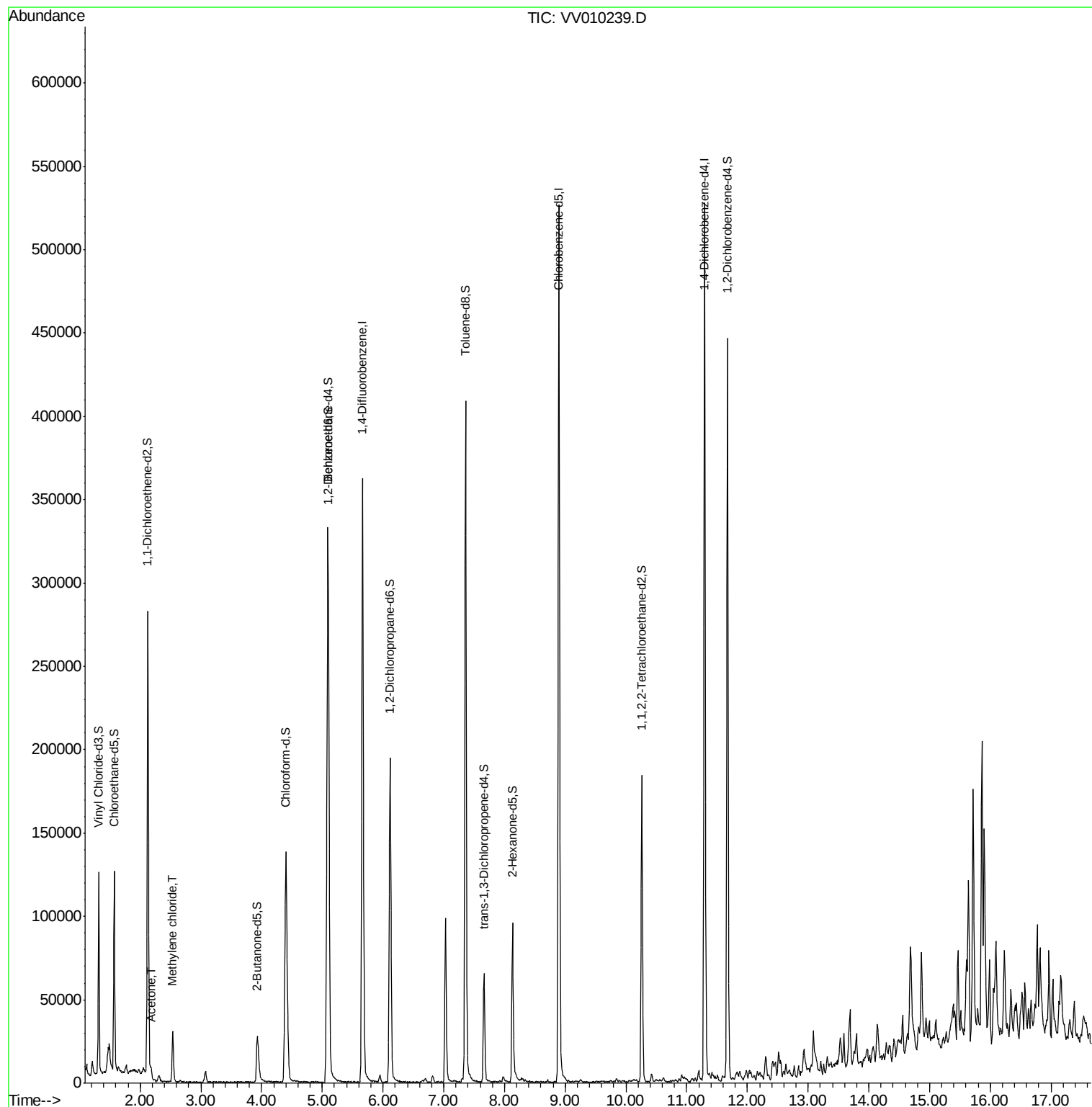
Target Compounds					Qvalue
13) Acetone	2.18	43	2242	2.320 ug/L	85
16) Methylene chloride	2.54	84	12152	1.998 ug/L	96

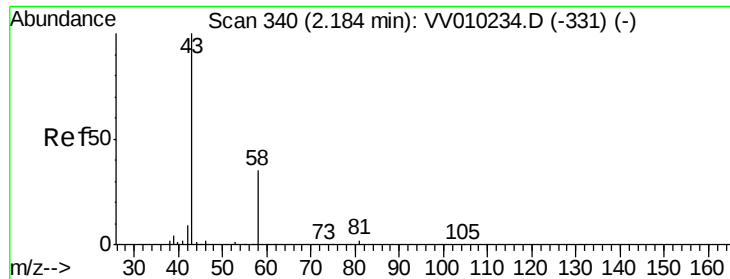
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.320 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV010239.D

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Instrument :

MSVOA_V

ClientSampleId :

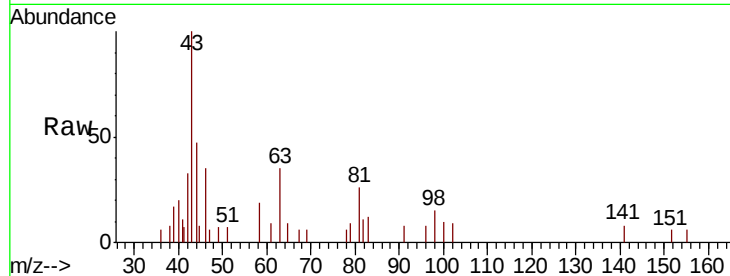
VIBLK

Tgt Ion: 43 Resp: 2242

Ion Ratio Lower Upper

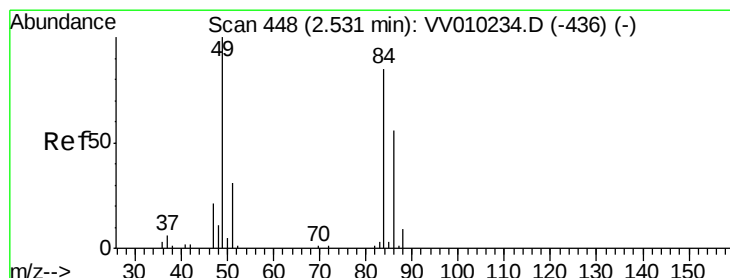
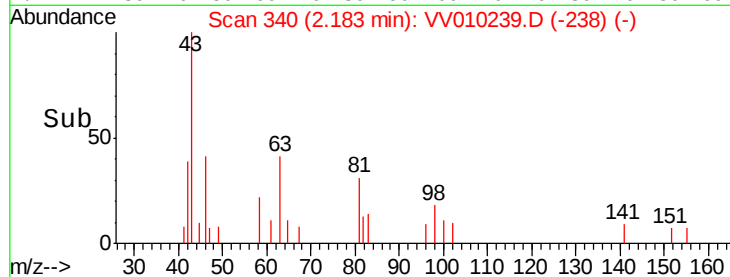
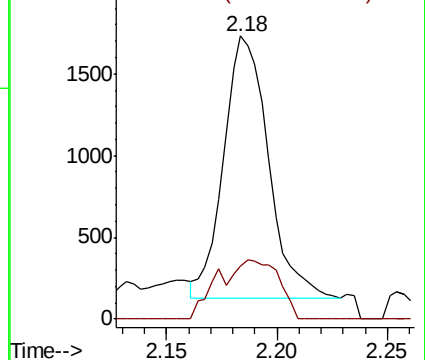
43 100

58 22.3 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010234.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010234.D (-331) (-)



#16

Methylene chloride

Concen: 1.998 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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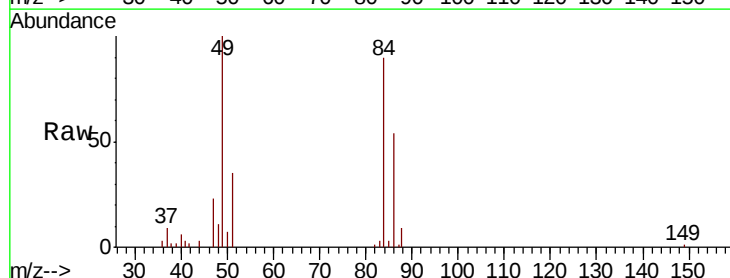
Tgt Ion: 84 Resp: 12152

Ion Ratio Lower Upper

84 100

49 111.2 79.9 148.5

86 59.7 44.5 82.7



Abundance Ion 84.00 (83.70 to 84.70): VV010234.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV010234.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV010234.D (-436) (-)

