

Data File : VV010400.D
Acq On : 19 Apr 2019 23:10
Operator : SY/MD
Sample : K2456-17
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHN7

Quant Time: Apr 20 04:38:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 20 04:30:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	216494	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	211484	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	107863	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54087	19.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.68%
7) Chloroethane-d5	1.58	69	50780	21.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.96%
10) 1,1-Dichloroethene-d2	2.13	63	87633	13.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.84%
20) 2-Butanone-d5	3.94	46	55779	65.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.30%
24) Chloroform-d	4.40	84	124078	21.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.08	65	89559	26.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.64%
29) Benzene-d6	5.10	84	221511	20.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.84%
33) 1,2-Dichloropropane-d6	6.12	67	71932	22.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.80%
37) Toluene-d8	7.36	98	214270	20.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.36%
38) trans-1,3-Dichloropropene-	7.66	79	33280	21.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.44%
39) 2-Hexanone-d5	8.13	63	41672	59.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.14%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	85372	26.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.76%
61) 1,2-Dichlorobenzene-d4	11.67	152	102813	24.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.96%

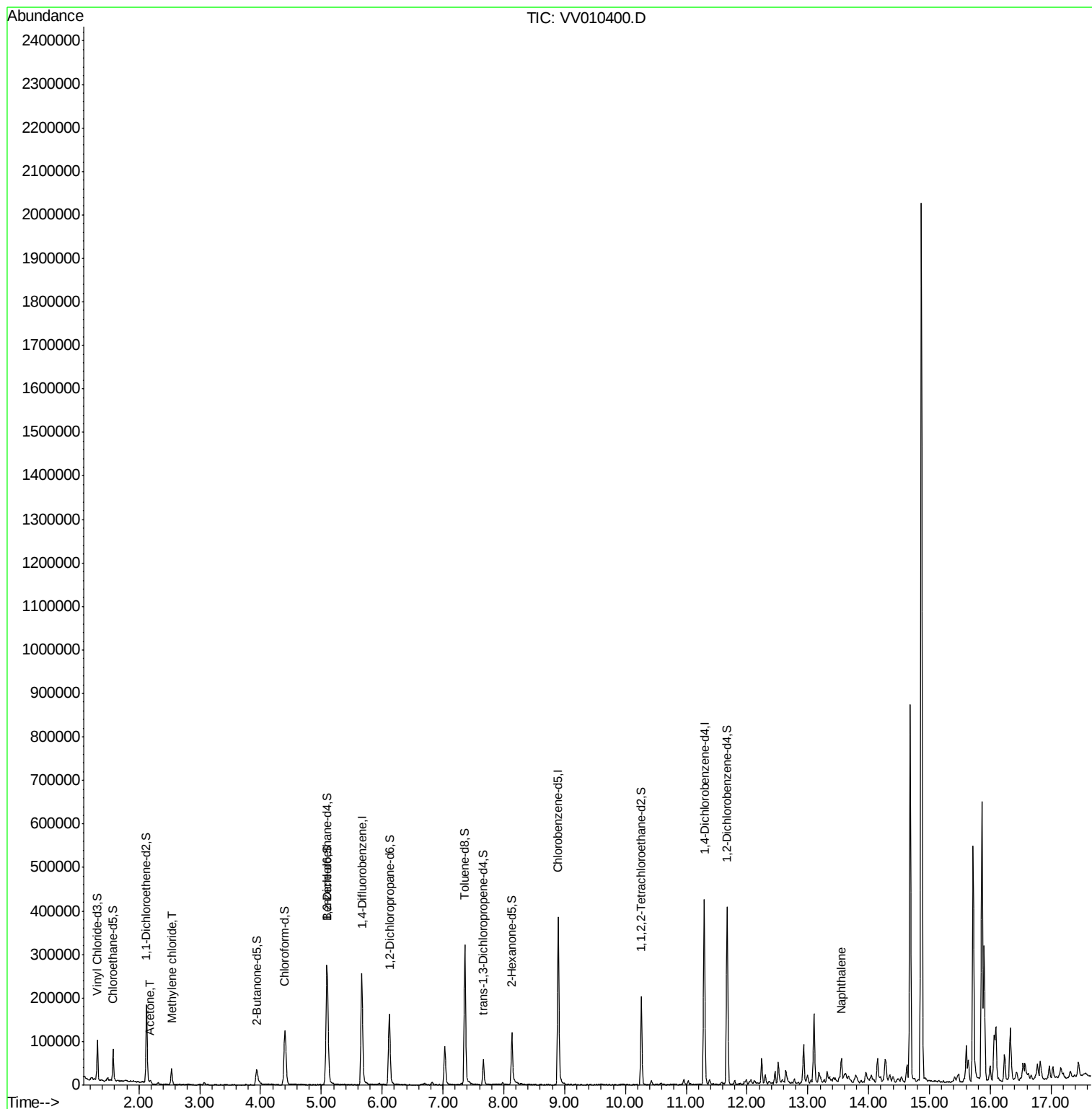
Target Compounds					Qvalue
13) Acetone	2.19	43	3608	3.993 ug/L	99
16) Methylene chloride	2.54	84	14913	4.313 ug/L	99
69) Naphthalene	13.55	128	39321	4.870 ug/L #	97

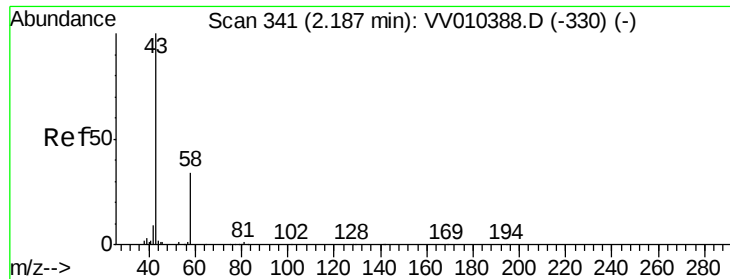
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.993 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampled :

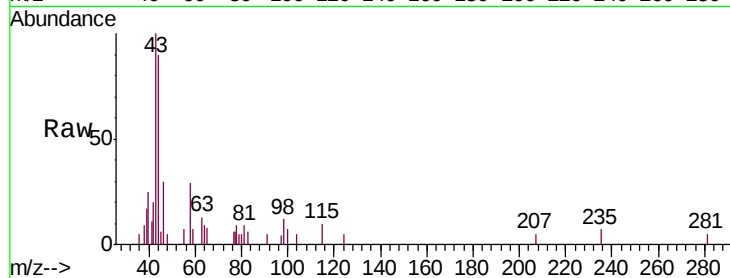
GAHN7

Tgt Ion: 43 Resp: 3608

Ion Ratio Lower Upper

43 100

58 30.5 0.0 60.0



Abundance Ion 43.00 (42.70 to 43.70): VV010388.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV010388.D (-330) (-)

2.19

2500

2000

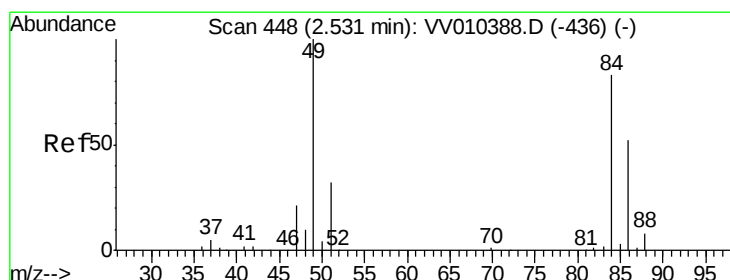
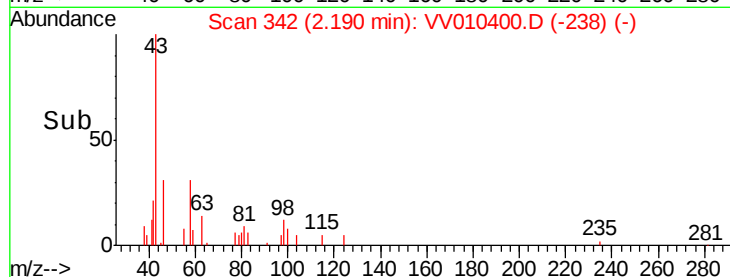
1500

1000

500

0

Time-->



#16

Methylene chloride

Concen: 4.313 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.01 min

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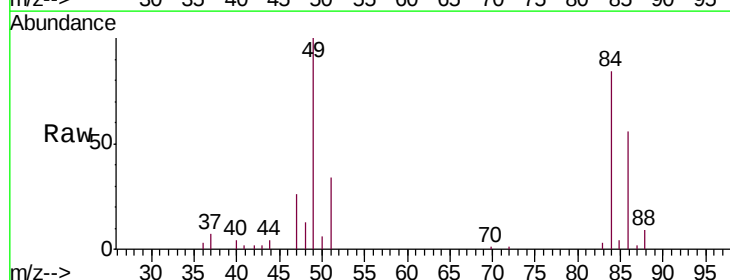
Tgt Ion: 84 Resp: 14913

Ion Ratio Lower Upper

84 100

49 118.5 83.8 155.6

86 66.0 46.1 85.5



Abundance Ion 84.00 (83.70 to 84.70): VV010388.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV010388.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV010388.D (-436) (-)

2.54

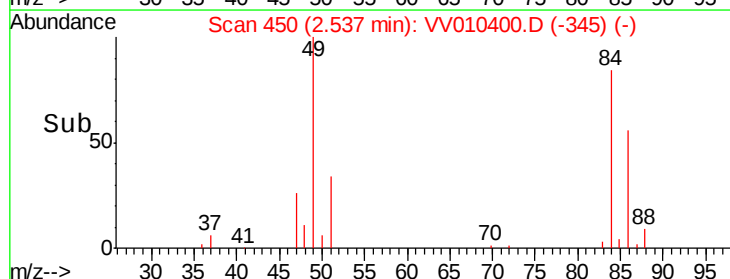
15000

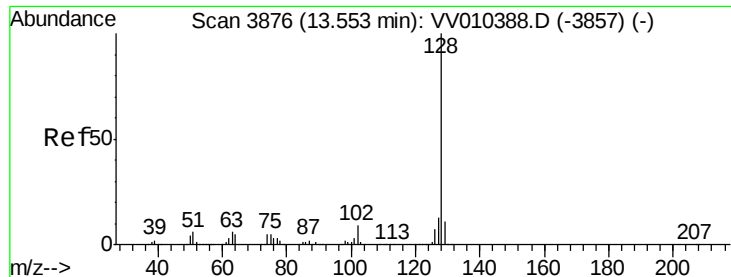
10000

5000

0

Time-->





#69

Naphthalene

Concen: 4.870 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. -0.00 min

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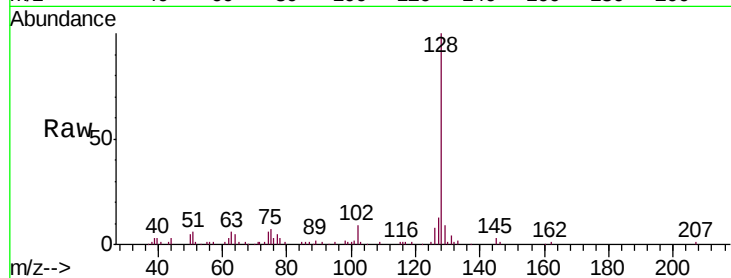
Tgt Ion:128 Resp: 39321

Ion Ratio Lower Upper

128 100

129 8.6 8.7 13.1#

127 13.4 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

