

Data File : VV010397.D
Acq On : 19 Apr 2019 21:48
Operator : SY/MD
Sample : K2456-13
Misc : 5.01G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHN3

Quant Time: Apr 20 04:38:32 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	212084	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	207906	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	109109	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47591	17.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.68%
7) Chloroethane-d5	1.58	69	43267	19.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.52%
10) 1,1-Dichloroethene-d2	2.13	63	80408	12.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.52%
20) 2-Butanone-d5	3.94	46	45379	54.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.22%
24) Chloroform-d	4.40	84	121694	21.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.32%
26) 1,2-Dichloroethane-d4	5.08	65	84061	25.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.16%
29) Benzene-d6	5.10	84	223641	21.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.04%
33) 1,2-Dichloropropane-d6	6.12	67	72718	23.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.40%
37) Toluene-d8	7.36	98	213595	20.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.52%
38) trans-1,3-Dichloropropene-	7.66	79	31058	20.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.08%
39) 2-Hexanone-d5	8.13	63	33296	48.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.02%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	75838	24.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.40%
61) 1,2-Dichlorobenzene-d4	11.67	152	97463	22.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.88%

Target Compounds

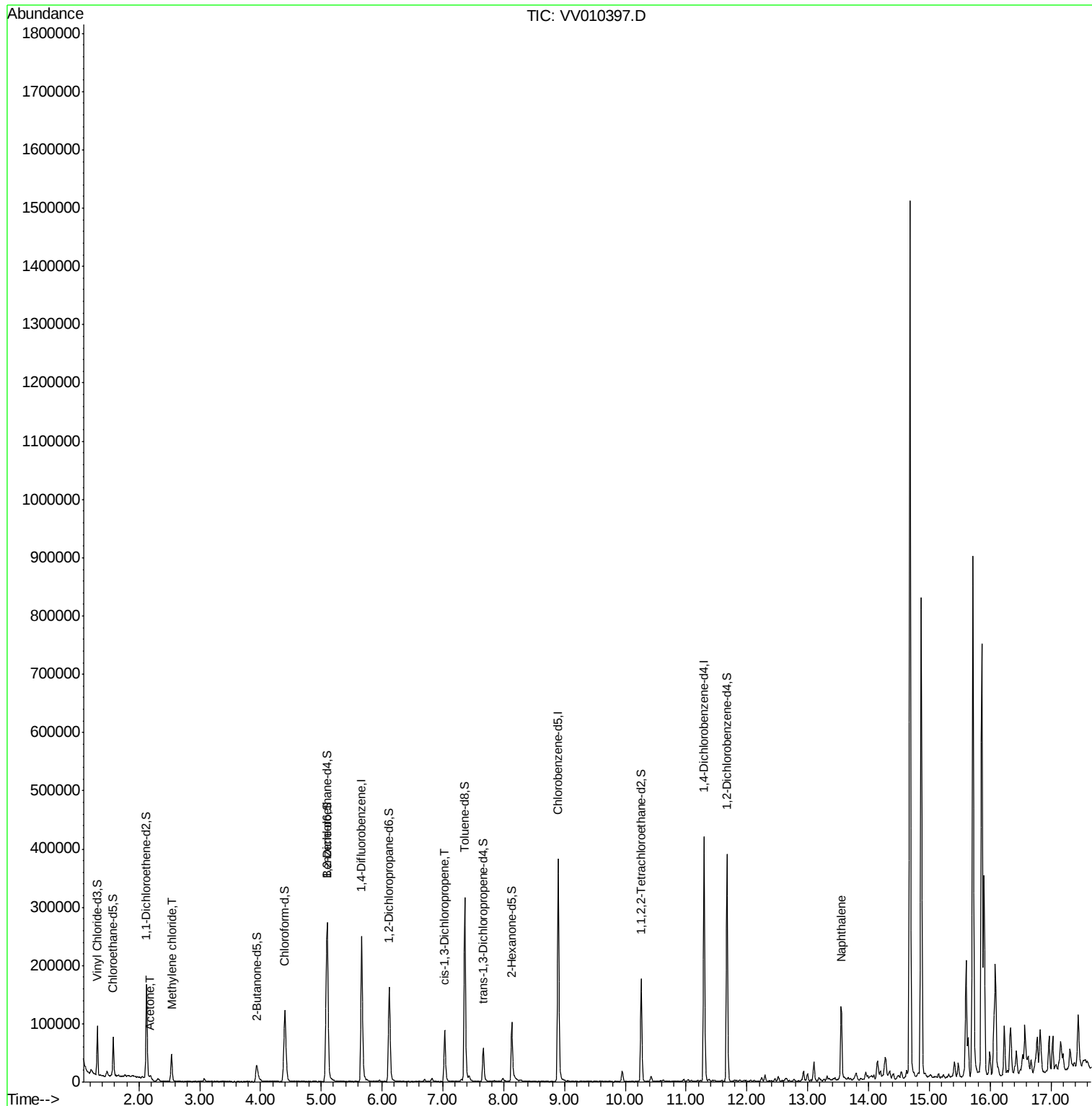
					Qvalue
13) Acetone	2.19	43	3794	4.287 ug/L	86
16) Methylene chloride	2.54	84	19493	5.754 ug/L	95
42) cis-1,3-Dichloropropene	7.04	75	2857	0.728 ug/L #	79
69) Naphthalene	13.55	128	95541	11.697 ug/L	98

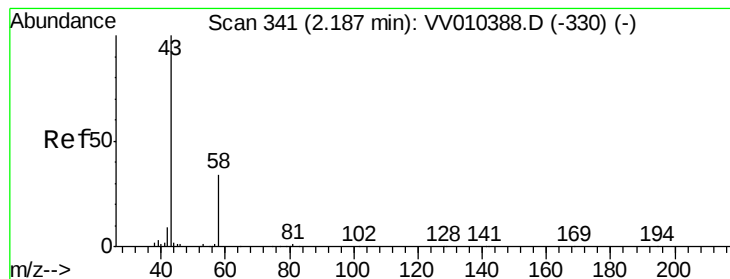
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.287 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

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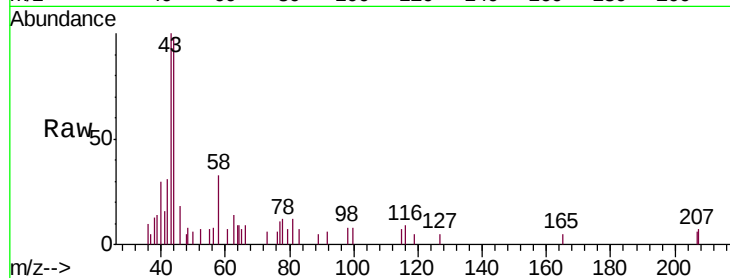
GAHN3

Tgt Ion: 43 Resp: 3794

Ion Ratio Lower Upper

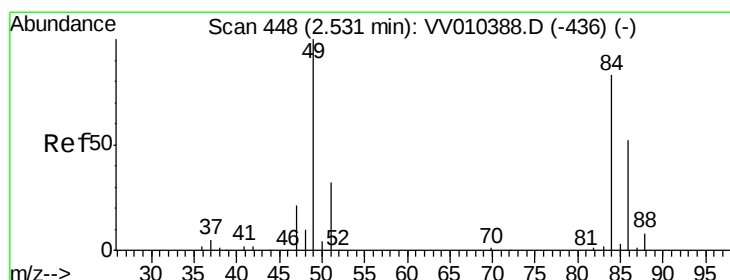
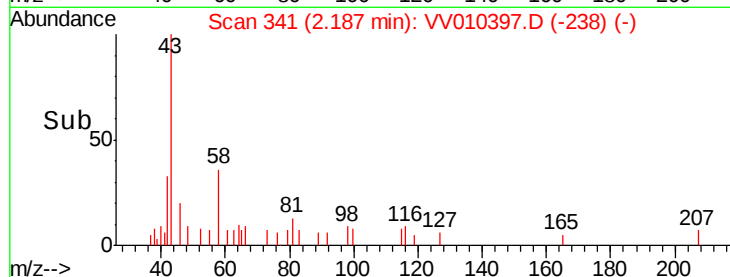
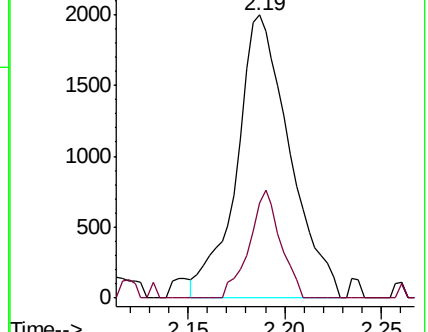
43 100

58 22.6 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) (-)



#16

Methylene chloride

Concen: 5.754 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.01 min

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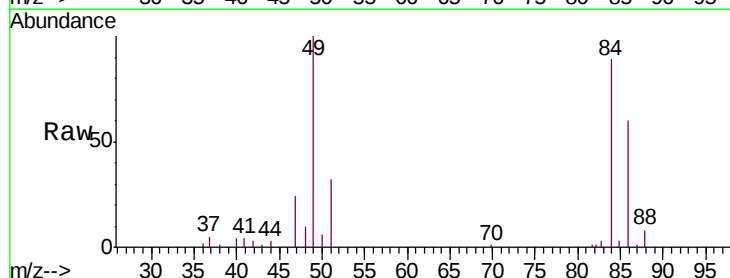
Tgt Ion: 84 Resp: 19493

Ion Ratio Lower Upper

84 100

49 112.3 83.8 155.6

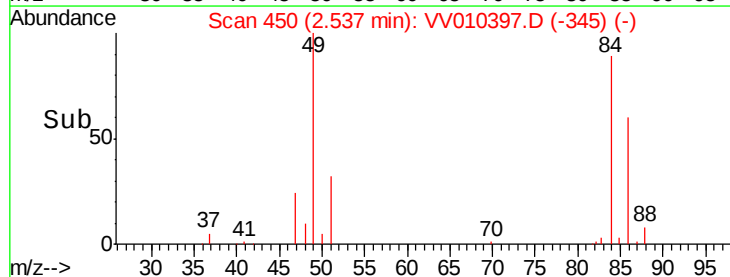
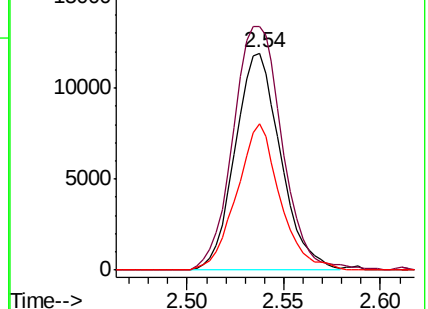
86 67.3 46.1 85.5

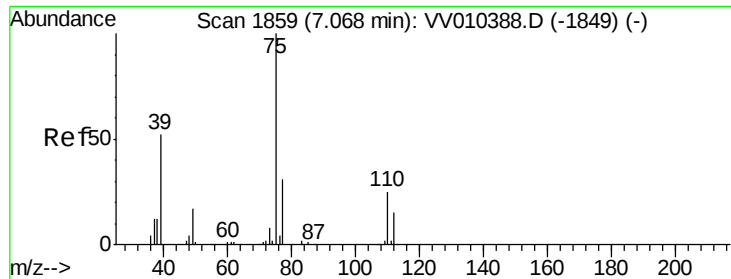


Abundance Ion 84.00 (83.70 to 84.70): VV010388.D (-436) (-)

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

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





#42

cis-1,3-Dichloropropene

Concen: 0.728 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.03 min

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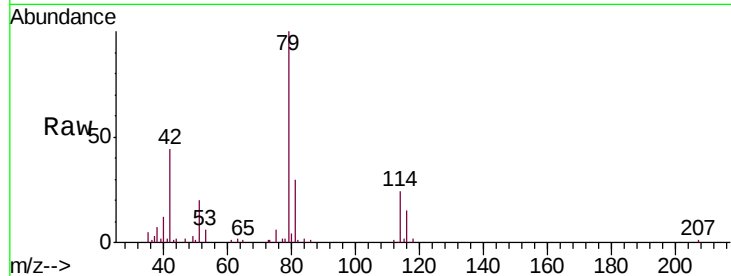
GAHN3

Tgt Ion: 75 Resp: 2857

Ion Ratio Lower Upper

75 100

77 41.6 21.1 39.1#



Abundance Ion 75.00 (74.70 to 75.70): VV010388.D (-1849) (-)

Ion 77.00 (76.70 to 77.70): VV010388.D (-1849) (-)

7.04

1500

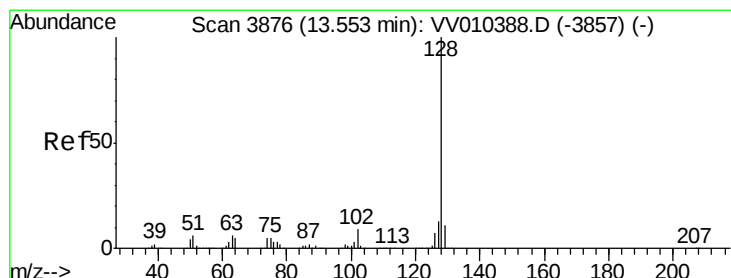
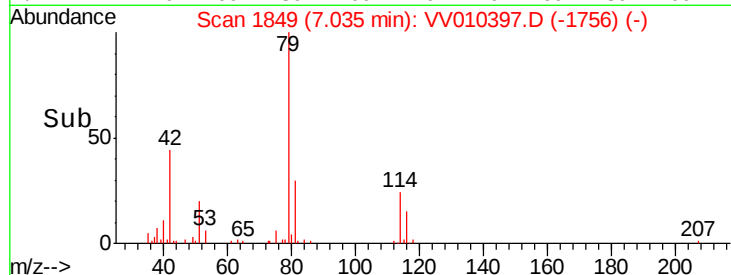
1000

500

0

7.00 7.05

Time-->



#69

Naphthalene

Concen: 11.697 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. -0.00 min

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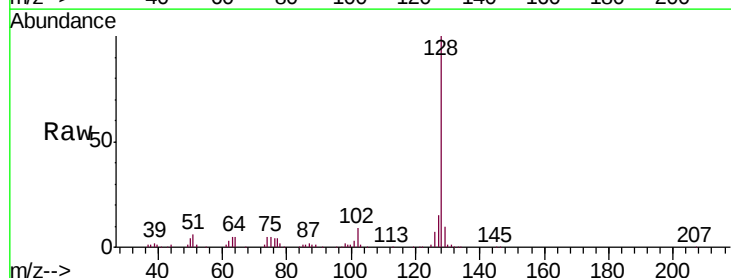
Tgt Ion: 128 Resp: 95541

Ion Ratio Lower Upper

128 100

129 9.9 8.7 13.1

127 14.1 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): VV010388.D (-3857) (-)

Ion 129.00 (128.70 to 129.70): VV010388.D (-3857) (-)

Ion 127.00 (126.70 to 127.70): VV010388.D (-3857) (-)

13.55

80000

60000

40000

20000

0

13.50 13.55 13.60

Time-->

