

Data File : VV010663.D
Acq On : 03 May 2019 16:44
Operator : SY/MD
Sample : K2603-04
Misc : 5.09G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJ56

Quant Time: May 03 23:54:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 23:50:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	168205	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	157062	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	62761	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32012	15.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.12%
7) Chloroethane-d5	1.58	69	26545	17.81	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.24%
10) 1,1-Dichloroethene-d2	2.13	63	49910	13.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.44%
20) 2-Butanone-d5	3.93	46	19964	30.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.62%
24) Chloroform-d	4.40	84	91527	21.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.28%
26) 1,2-Dichloroethane-d4	5.08	65	48668	19.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.20%
29) Benzene-d6	5.10	84	191867	23.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.28%
33) 1,2-Dichloropropane-d6	6.12	67	60090	24.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.40%
37) Toluene-d8	7.36	98	179848	23.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.00%
38) trans-1,3-Dichloropropene-	7.66	79	20398	19.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.16%
39) 2-Hexanone-d5	8.13	63	16637	37.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.96%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42051	18.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	57098	23.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.56%

Target Compounds

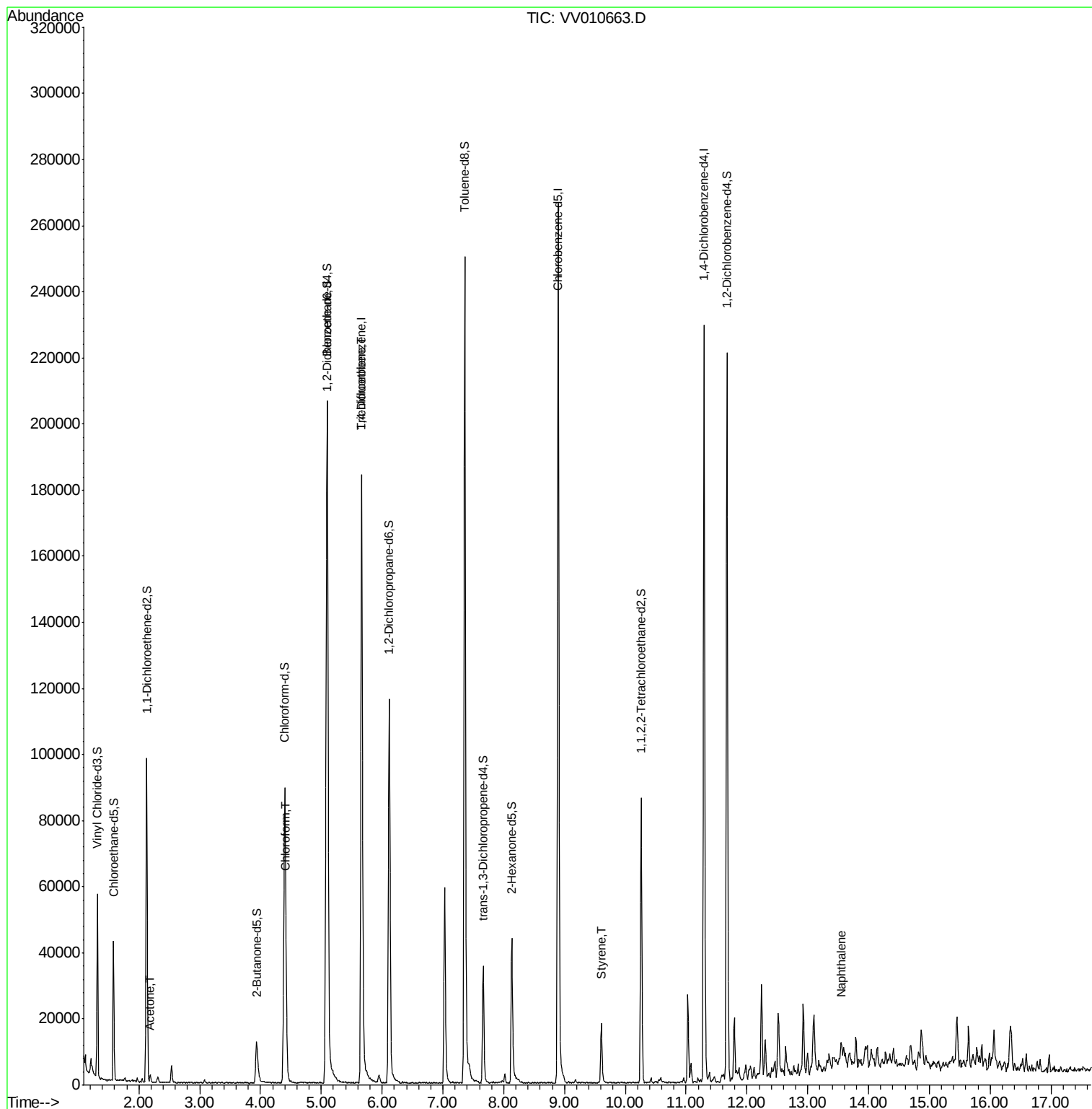
					Qvalue
13) Acetone	2.19	43	931	1.676 ug/L	88
25) Chloroform	4.43	83	4556	1.098 ug/L #	74
35) Trichloroethene	5.67	95	4831	2.256 ug/L #	4
56) Styrene	9.61	104	9381	1.593 ug/L	98
69) Naphthalene	13.55	128	6565	1.637 ug/L #	87

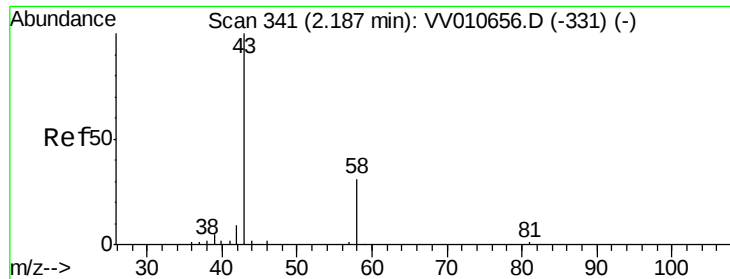
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.676 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

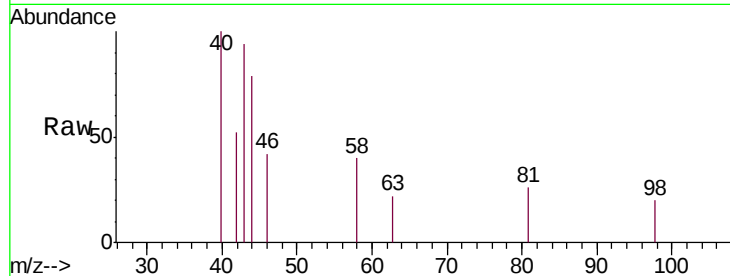
GAJ56

Tgt Ion: 43 Resp: 931

Ion Ratio Lower Upper

43 100

58 35.6 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VV010656.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010656.D (-331) (-)

2.19

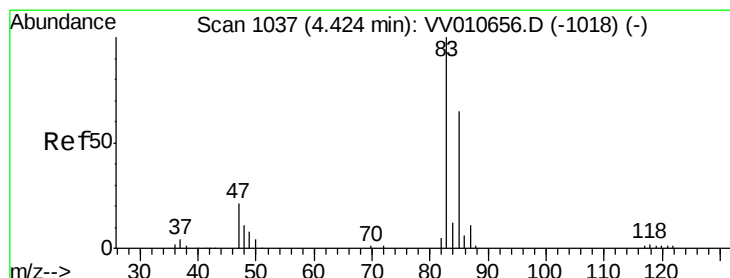
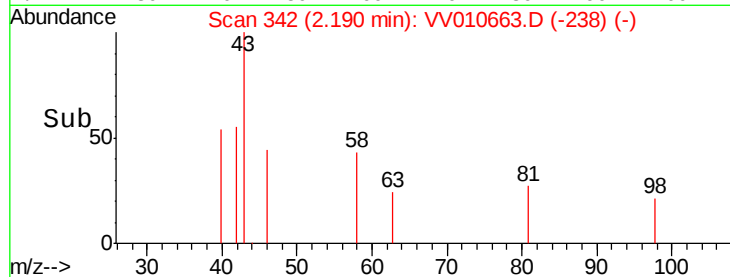
600

400

200

0

Time-->



#25

Chloroform

Concen: 1.098 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV010663.D

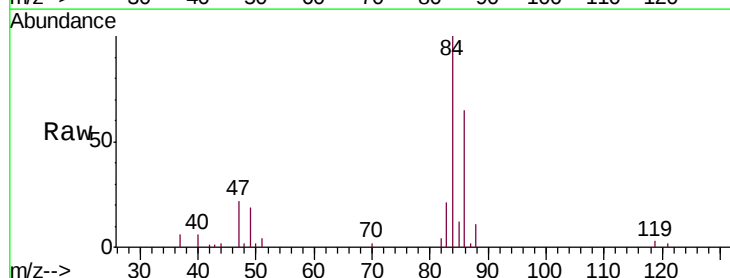
Acq: 03 May 2019 16:44

Tgt Ion: 83 Resp: 4556

Ion Ratio Lower Upper

83 100

85 87.2 46.3 86.1#



Abundance Ion 83.00 (82.70 to 83.70): VV010656.D (-1018) (-)

Ion 85.00 (84.70 to 85.70): VV010656.D (-1018) (-)

4.43

2000

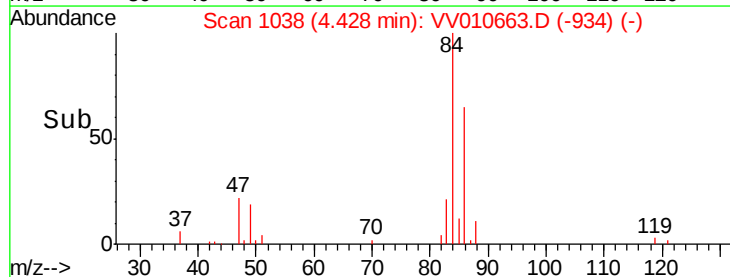
1500

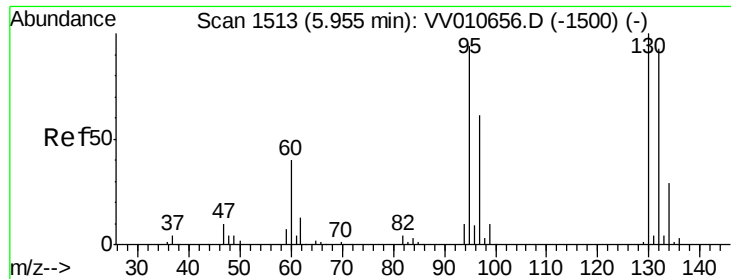
1000

500

0

Time-->

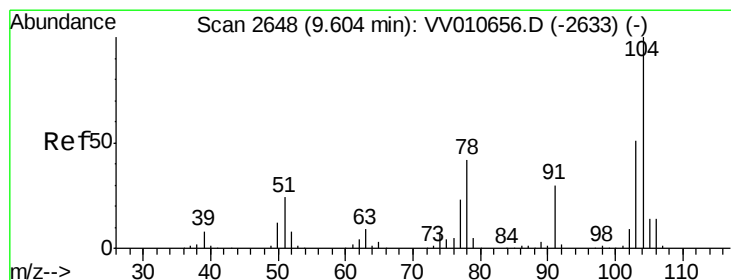
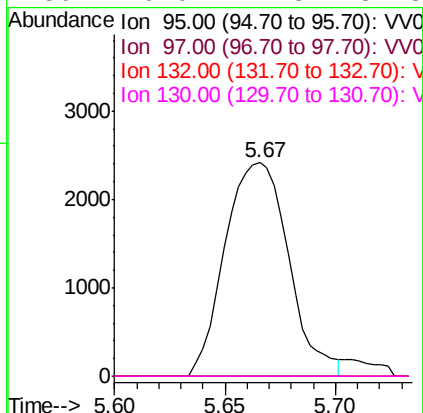
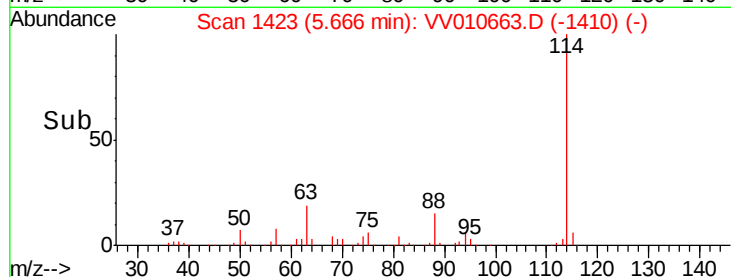
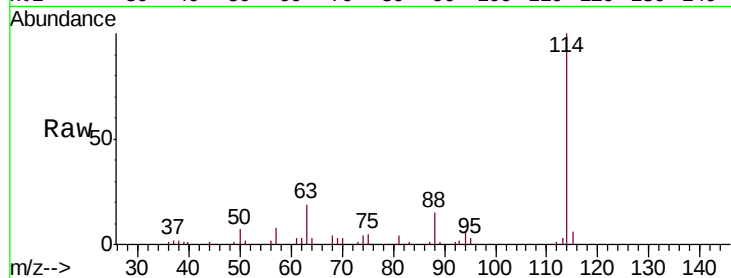




#35
 Trichloroethene
 Concen: 2.256 ug/L
 RT: 5.67 min Scan# 1423
 Delta R.T. -0.29 min
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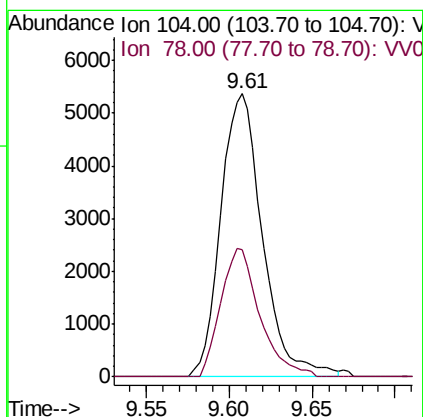
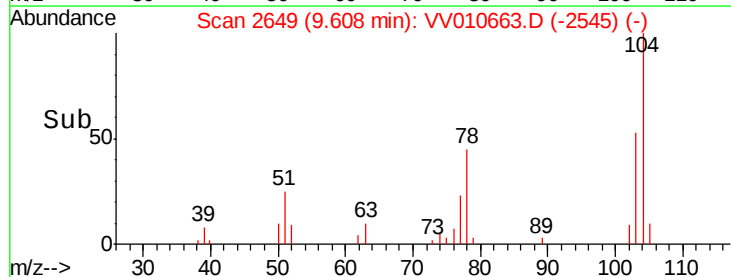
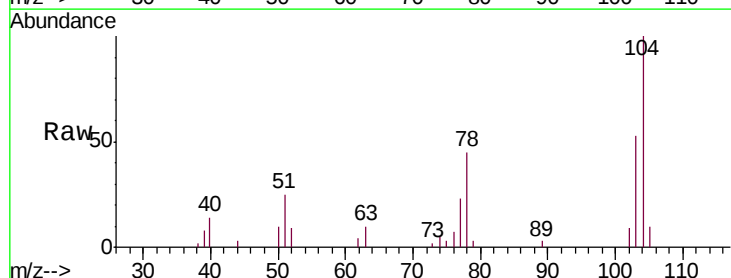
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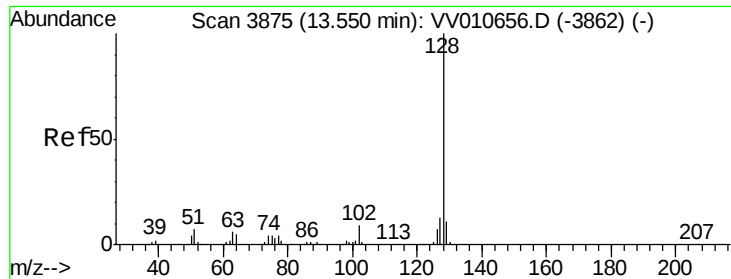
Tgt Ion: 95 Resp: 4831
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.0 83.6#
 132 0.0 69.9 129.9#
 130 0.0 71.3 132.3#



#56
 Styrene
 Concen: 1.593 ug/L
 RT: 9.61 min Scan# 2649
 Delta R.T. 0.00 min
 Lab File: VV010663.D
 Acq: 03 May 2019 16:44

Tgt Ion: 104 Resp: 9381
 Ion Ratio Lower Upper
 104 100
 78 44.8 30.4 56.5





#69

Naphthalene

Concen: 1.637 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. 0.00 min

Lab File: VV010663.D

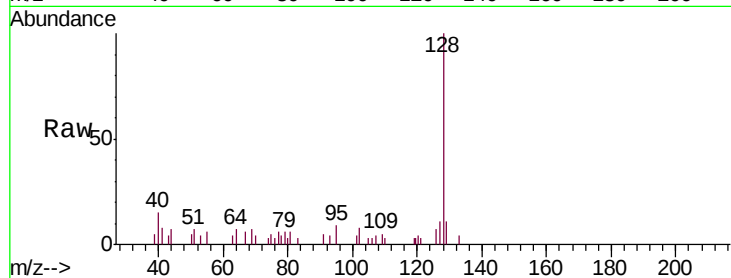
Acq: 03 May 2019 16:44

Instrument :

MSVOA_V

ClientSampleId :

GAJ56



Tgt Ion:128 Resp: 6565

Ion Ratio Lower Upper

128 100

129 14.8 8.6 13.0#

127 6.9 10.6 15.8#

