

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050219\
 Data File : VV010655.D
 Acq On : 03 May 2019 10:20
 Operator : SY/MD
 Sample : K2603-05
 Misc : 5.04G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAJ57

Quant Time: May 03 23:43:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 03 23:12:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	201130	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	176571	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	65906	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	37018	14.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.16%
7) Chloroethane-d5	1.57	69	30258	16.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.88%
10) 1,1-Dichloroethene-d2	2.12	63	56261	12.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.40%
20) 2-Butanone-d5	3.93	46	20740	26.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.54%
24) Chloroform-d	4.40	84	97681	18.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.20%
26) 1,2-Dichloroethane-d4	5.08	65	51148	17.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	68.72%#
29) Benzene-d6	5.09	84	202020	22.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.32%
33) 1,2-Dichloropropane-d6	6.12	67	61651	21.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.96%
37) Toluene-d8	7.36	98	185266	21.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.28%
38) trans-1,3-Dichloropropene-	7.66	79	20345	17.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.24%
39) 2-Hexanone-d5	8.13	63	16085	32.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.46%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	40512	16.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	64.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	52930	20.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.48%

Target Compounds

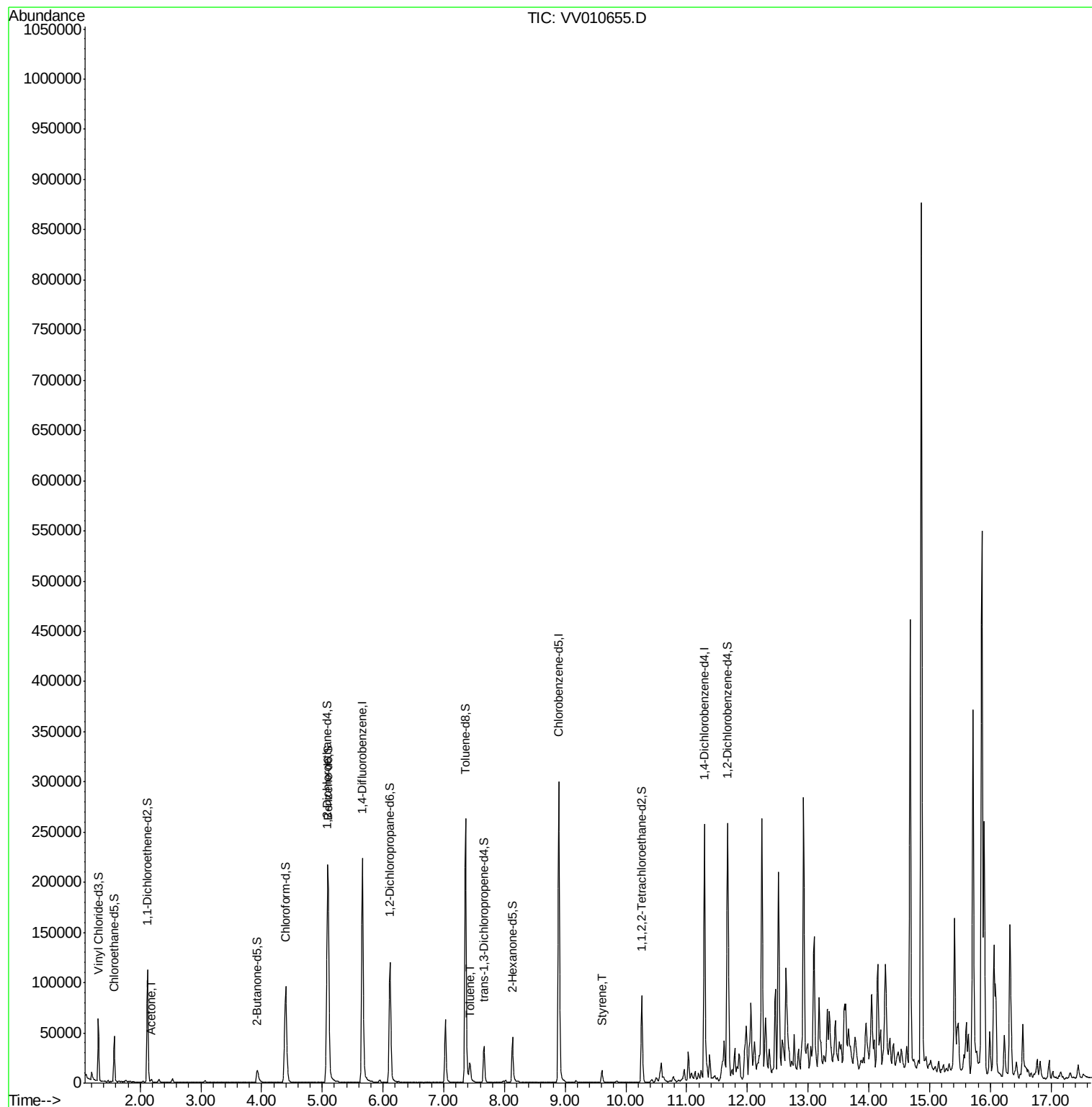
					Ovalue
13) Acetone	2.18	43	1715	2.582 ug/L	95
44) Toluene	7.43	91	13569	1.457 ug/L	93
56) Styrene	9.60	104	6656	1.006 ug/L	94

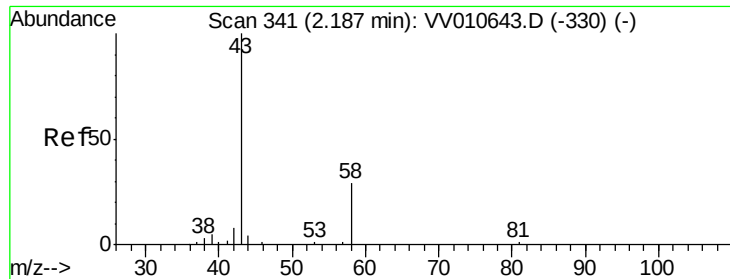
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.582 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV010655.D

Acq: 03 May 2019 10:20

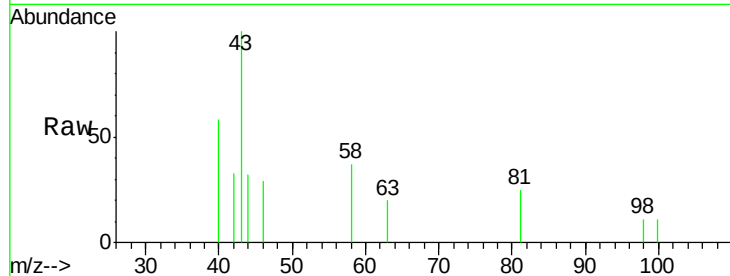
Instrument :
MSVOA_V
ClientSampleId :
GAJ57

Tot Ion: 43 Resp: 1715

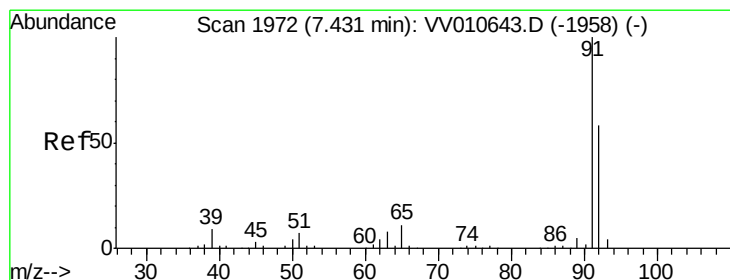
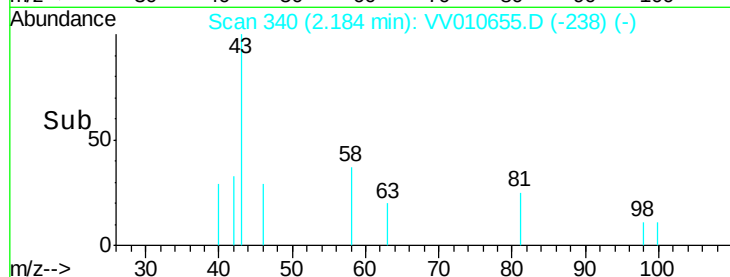
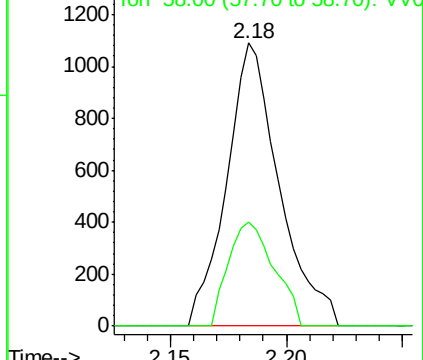
Ion Ratio Lower Upper

43 100

58 31.7 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VV010643.D (-330) (-)



#44

Toluene

Concen: 1.457 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV010655.D

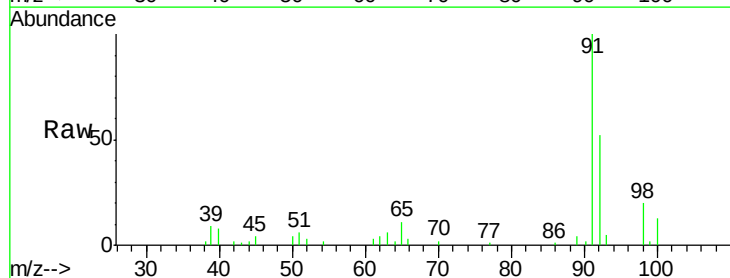
Acq: 03 May 2019 10:20

Tgt Ion: 91 Resp: 13569

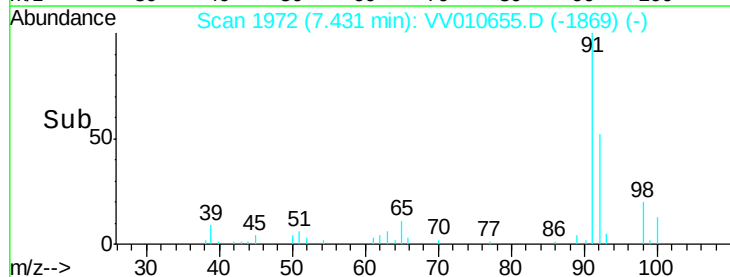
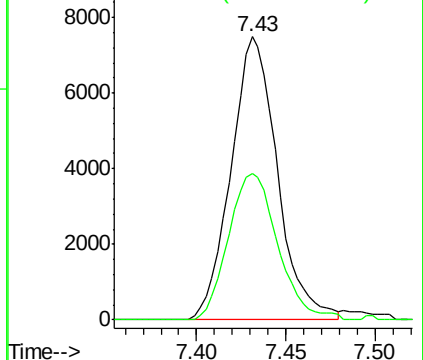
Ion Ratio Lower Upper

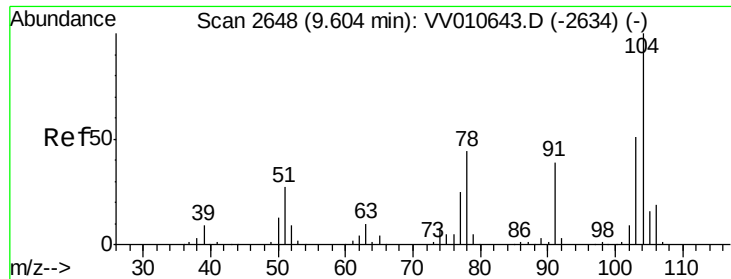
91 100

92 51.9 40.1 74.5



Abundance Ion 91.00 (90.70 to 91.70): VV010643.D (-1958) (-)





#56

Stvrene

Concen: 1.006 ug/L

RT: 9.60 min Scan# 2648

Delta R.T. 0.00 min

Lab File: VV010655.D

Acq: 03 May 2019 10:20

Instrument :

MSVOA_V

ClientSampleId :

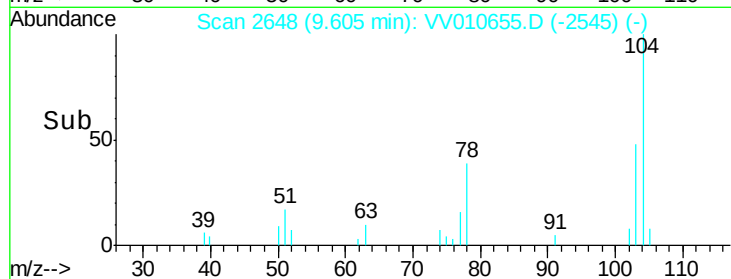
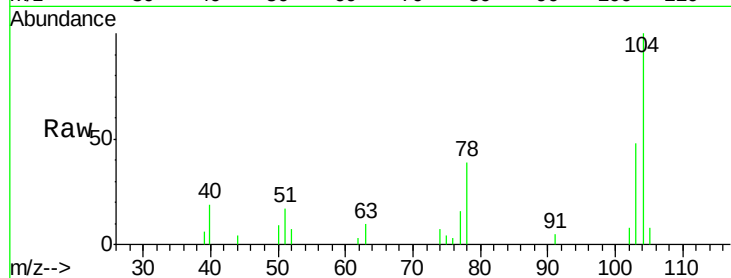
GAJ57

Tot Ion:104 Resp: 6656

Ion Ratio Lower Upper

104 100

78 39.4 30.4 56.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0

