

Data File : VV010660.D
Acq On : 03 May 2019 15:21
Operator : SY/MD
Sample : K2603-03MSD
Misc : 5.02G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJ55

Quant Time: May 03 23:54:13 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	5.68	114	4439	25.00	ug/L	0.02
28) Chlorobenzene-d5	8.91	117	2849	25.00	ug/L	0.01
60) 1,4-Dichlorobenzene-d4	11.30	152	529	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	0.00	65	0	0.00	ug/L	
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.00%#
7) Chloroethane-d5	0.00	69	0	0.00	ug/L	
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.00%#
10) 1,1-Dichloroethene-d2	2.15	63	596	6.05	ug/L	0.03
Spiked Amount	25.000	Range	45 - 110	Recovery	=	24.20%#
20) 2-Butanone-d5	0.00	46	0	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
24) Chloroform-d	0.00	84	0	0.00	ug/L	
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.00%#
26) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/L	
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.00%#
29) Benzene-d6	0.00	84	0	0.00	ug/L	
Spiked Amount	25.000	Range	20 - 135	Recovery	=	0.00%#
33) 1,2-Dichloropropane-d6	0.00	67	0	0.00	ug/L	
Spiked Amount	25.000	Range	70 - 120	Recovery	=	0.00%#
37) Toluene-d8	0.00	98	0	0.00	ug/L	
Spiked Amount	25.000	Range	30 - 130	Recovery	=	0.00%#
38) trans-1,3-Dichloropropene-	0.00	79	0	0.00	ug/L	
Spiked Amount	25.000	Range	30 - 135	Recovery	=	0.00%#
39) 2-Hexanone-d5	0.00	63	0	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
48) 1,1,2,2-Tetrachloroethane-	0.00	84	0	0.00	ug/L	
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.00%#
61) 1,2-Dichlorobenzene-d4	0.00	152	0	0.00	ug/L	
Spiked Amount	25.000	Range	75 - 120	Recovery	=	0.00%#

Target Compounds

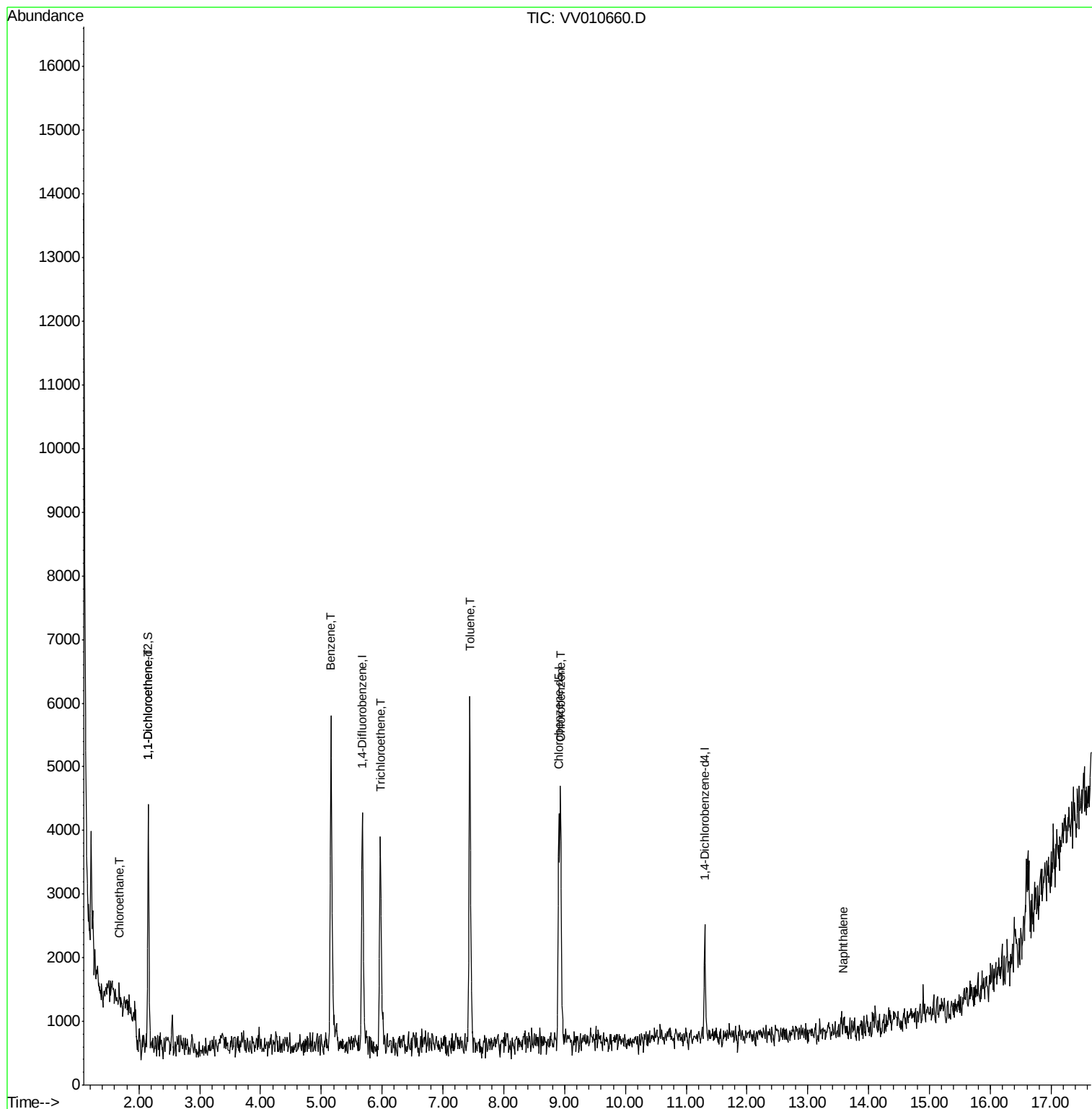
						Qvalue
8) Chloroethane	1.68	64	43	1.497	ug/L #	43
12) 1,1-Dichloroethene	2.15	96	1444	33.860	ug/L #	61
34) Benzene	5.16	78	5793	42.535	ug/L	100
35) Trichloroethene	5.97	95	1551	39.926	ug/L #	76
44) Toluene	7.44	91	5343	35.547	ug/L	87
52) Chlorobenzene	8.93	112	2240	21.353	ug/L	93
69) Naphthalene	13.59	128	43	1.272	ug/L #	69

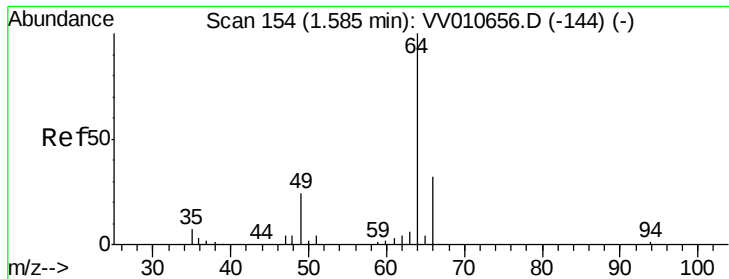
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 1.497 ug/L

RT: 1.68 min Scan# 182

Delta R.T. 0.09 min

Lab File: VV010660.D

Acq: 03 May 2019 15:21

Instrument :

MSVOA_V

ClientSampled :

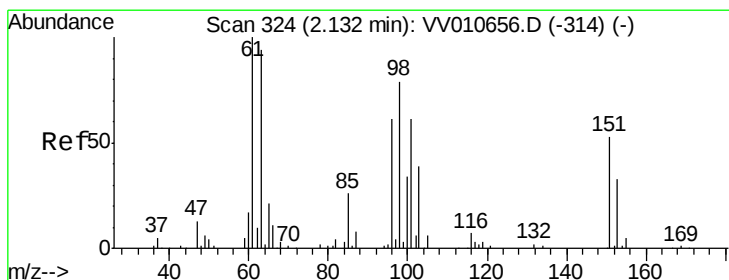
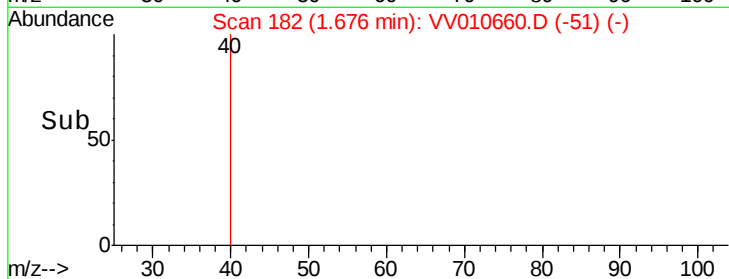
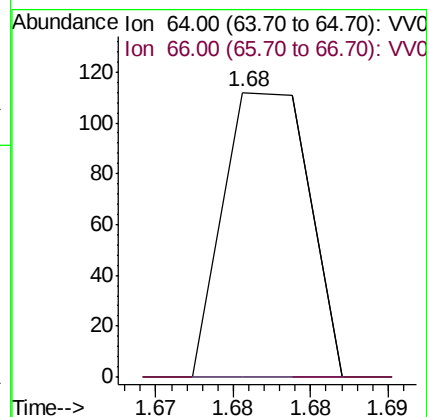
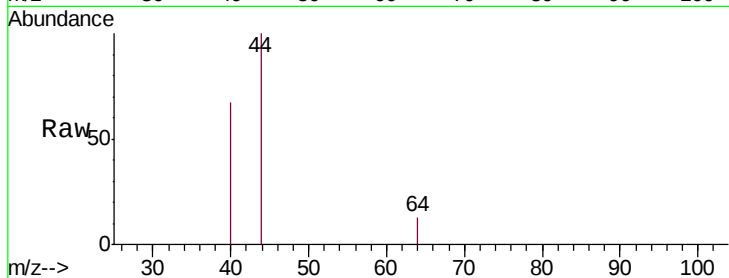
GAJ55

Tgt Ion: 64 Resp: 43

Ion Ratio Lower Upper

64 100

66 0.0 22.5 41.7#



#12

1,1-Dichloroethene

Concen: 33.860 ug/L

RT: 2.15 min Scan# 330

Delta R.T. 0.02 min

Lab File: VV010660.D

Acq: 03 May 2019 15:21

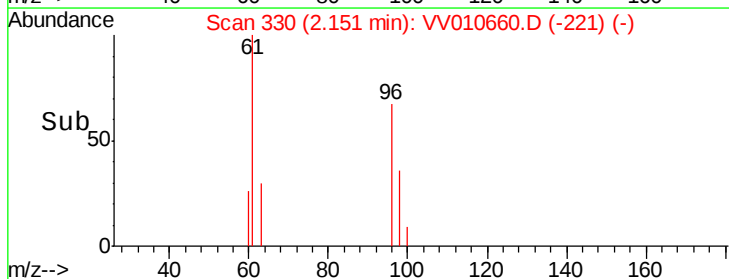
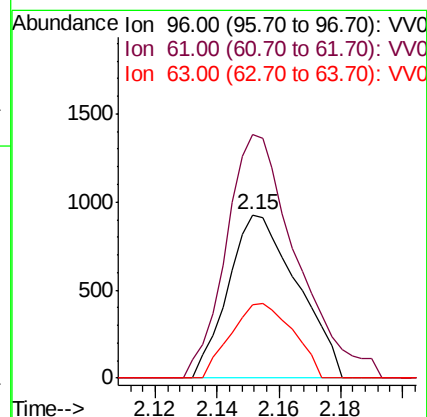
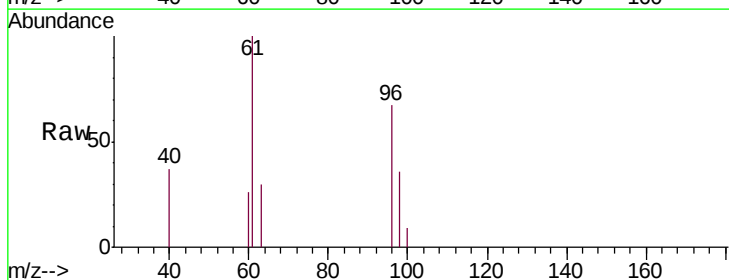
Tgt Ion: 96 Resp: 1444

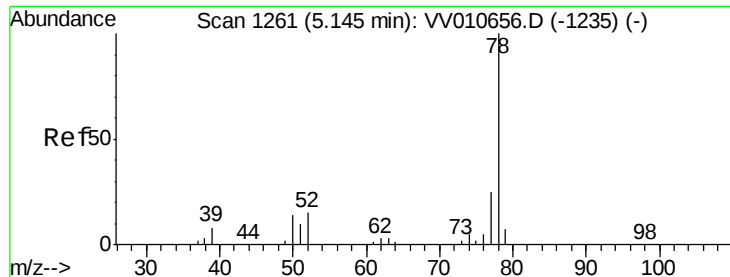
Ion Ratio Lower Upper

96 100

61 148.8 111.1 206.3

63 44.8 95.2 176.8#





#34

Benzene

Concen: 42.535 ug/L

RT: 5.16 min Scan# 1265

Delta R.T. 0.01 min

Lab File: VV010660.D

Acq: 03 May 2019 15:21

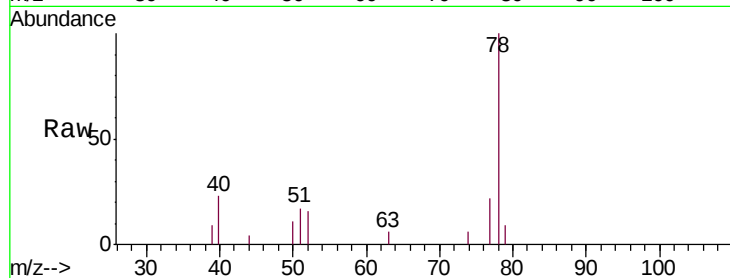
Instrument :

MSVOA_V

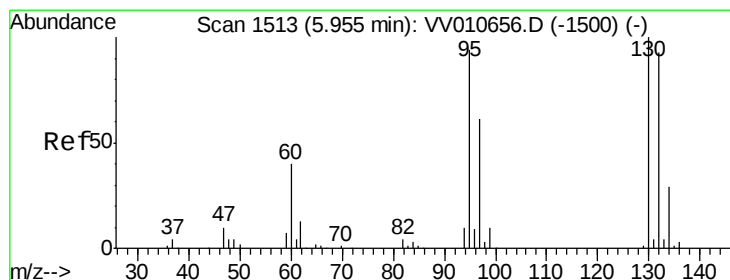
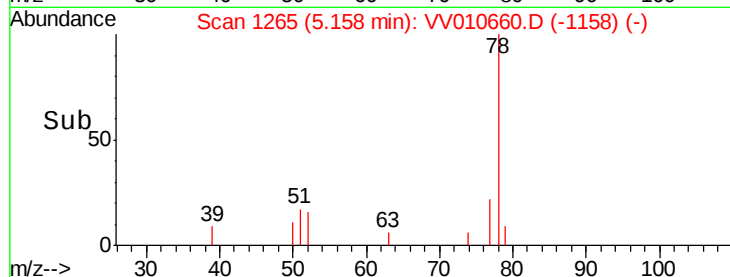
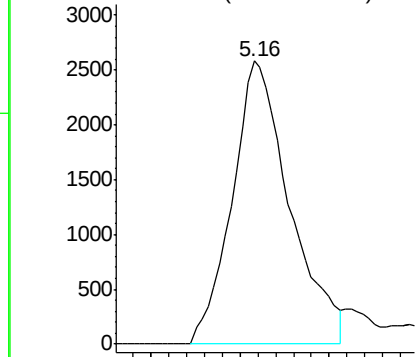
ClientSampled :

GAJ55

Tgt Ion: 78 Resp: 5793



Abundance Ion 78.00 (77.70 to 78.70): VV0



#35

Trichloroethene

Concen: 39.926 ug/L

RT: 5.97 min Scan# 1518

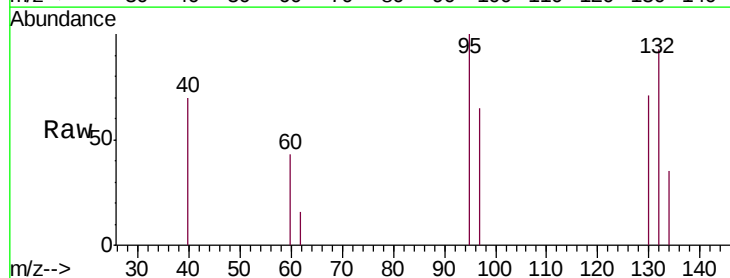
Delta R.T. 0.02 min

Lab File: VV010660.D

Acq: 03 May 2019 15:21

Tgt Ion: 95 Resp: 1551

Ion	Ratio	Lower	Upper
95	100		
97	59.8	45.0	83.6
132	101.8	69.9	129.9
130	43.9	71.3	132.3

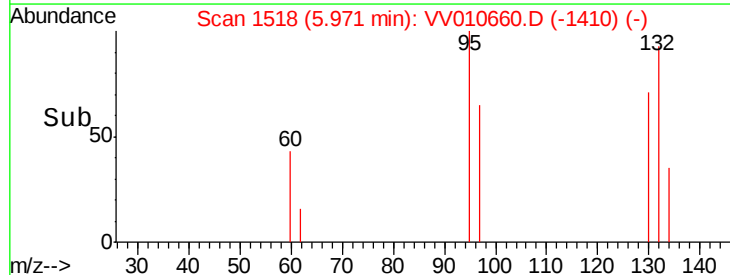
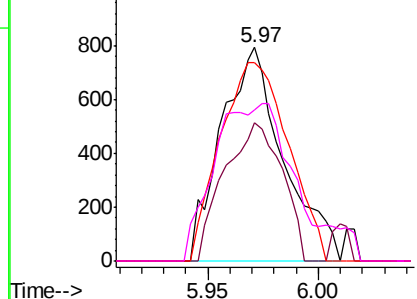


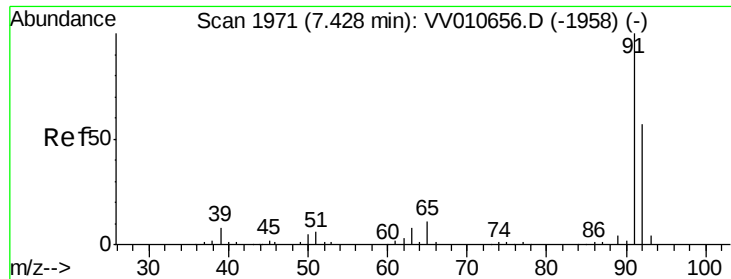
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#44

Toluene

Concen: 35.547 ug/L

RT: 7.44 min Scan# 1975

Delta R.T. 0.01 min

Lab File: VV010660.D

Acq: 03 May 2019 15:21

Instrument :

MSVOA_V

ClientSampleId :

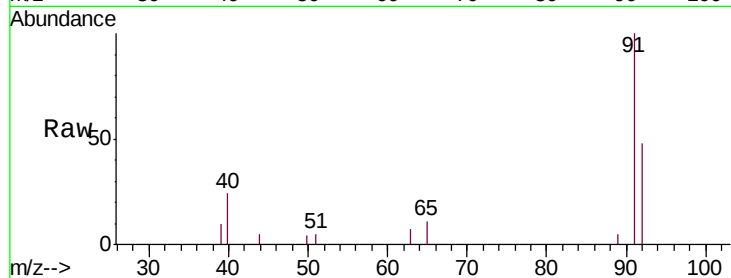
GAJ55

Tgt Ion: 91 Resp: 5343

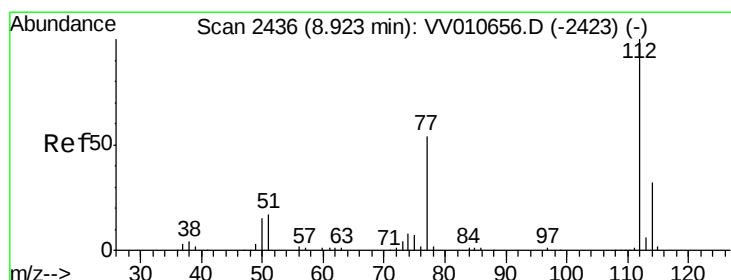
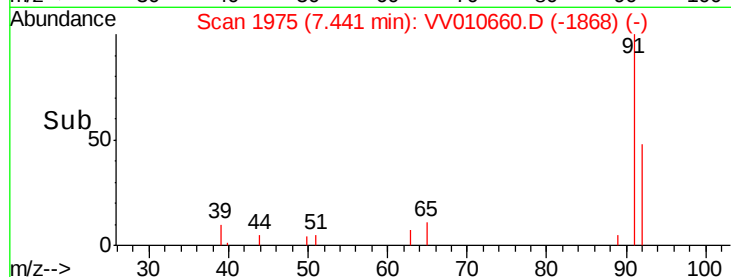
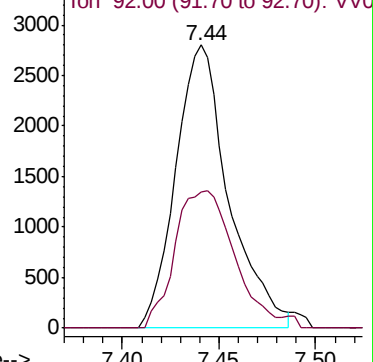
Ion Ratio Lower Upper

91 100

92 48.1 40.1 74.5



Abundance Ion 91.00 (90.70 to 91.70): VV010660.D (-1958) (-)



#52

Chlorobenzene

Concen: 21.353 ug/L

RT: 8.93 min Scan# 2439

Delta R.T. 0.01 min

Lab File: VV010660.D

Acq: 03 May 2019 15:21

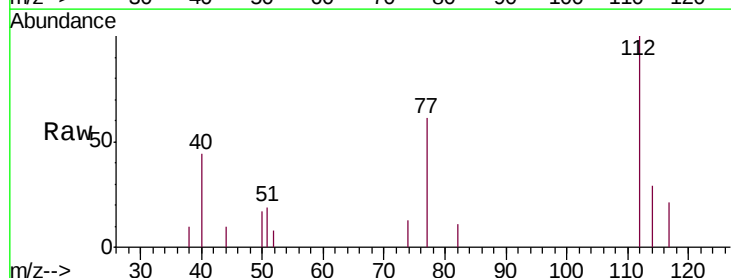
Tgt Ion: 112 Resp: 2240

Ion Ratio Lower Upper

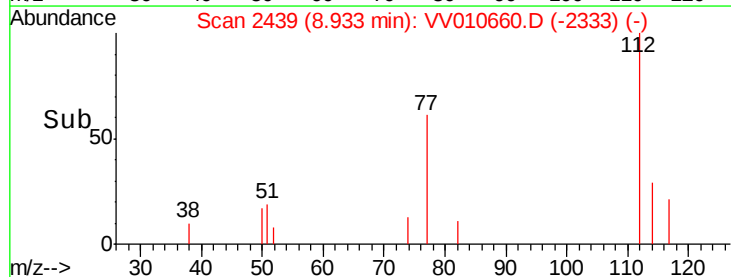
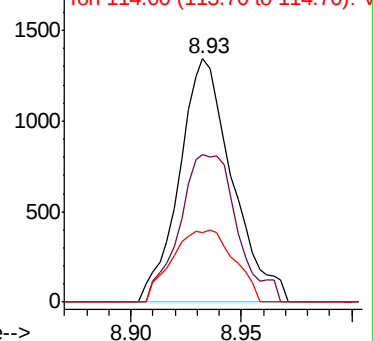
112 100

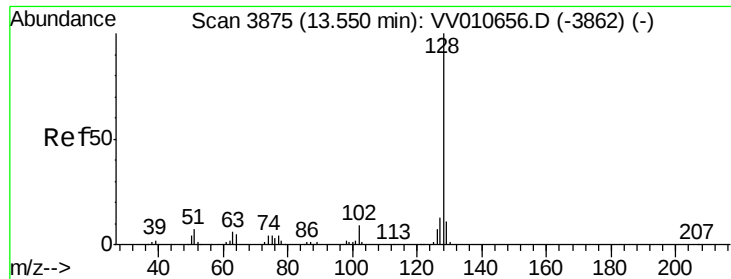
77 60.7 44.5 66.7

114 28.8 22.5 41.7



Abundance Ion 112.00 (111.70 to 112.70): VV010660.D (-2423) (-)





#69

Naphthalene

Concen: 1.272 ug/L

RT: 13.59 min Scan# 3886

Delta R.T. 0.04 min

Lab File: VV010660.D

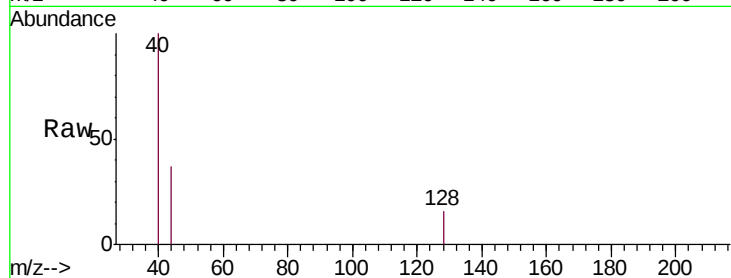
Acq: 03 May 2019 15:21

Instrument :

MSVOA_V

ClientSampleId :

GAJ55



Tgt Ion:	128	Resp:	43
Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.6	13.0#
127	0.0	10.6	15.8#

