

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042019\
 Data File : VU031371.D
 Acq On : 19 Apr 2019 19:54
 Operator : JC/SP
 Sample : K2456-03 50X
 Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHS3

Quant Time: Apr 20 01:17:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 19 23:12:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	738993	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	585626	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	294960	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	175242	25.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	51.50%#
7) Chloroethane-d5	1.68	69	153192	25.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	51.86%#
11) 1,1-Dichloroethene-d2	2.26	63	264058	19.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	39.18%#
21) 2-Butanone-d5	4.20	46	337905	68.17	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	68.17%
24) Chloroform-d	4.64	84	337789	29.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	59.50%#
26) 1,2-Dichloroethane-d4	5.31	65	192156	27.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	54.96%#
32) Benzene-d6	5.34	84	649616	35.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.18%
36) 1,2-Dichloropropane-d6	6.33	67	252951	42.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.20%
41) Toluene-d8	7.56	98	673833	41.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.72%
43) trans-1,3-Dichloropropene-	7.85	79	99979	34.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.62%
47) 2-Hexanone-d5	8.32	63	231406	81.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	311964	37.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	74.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	247010	36.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.02%#

Target Compounds

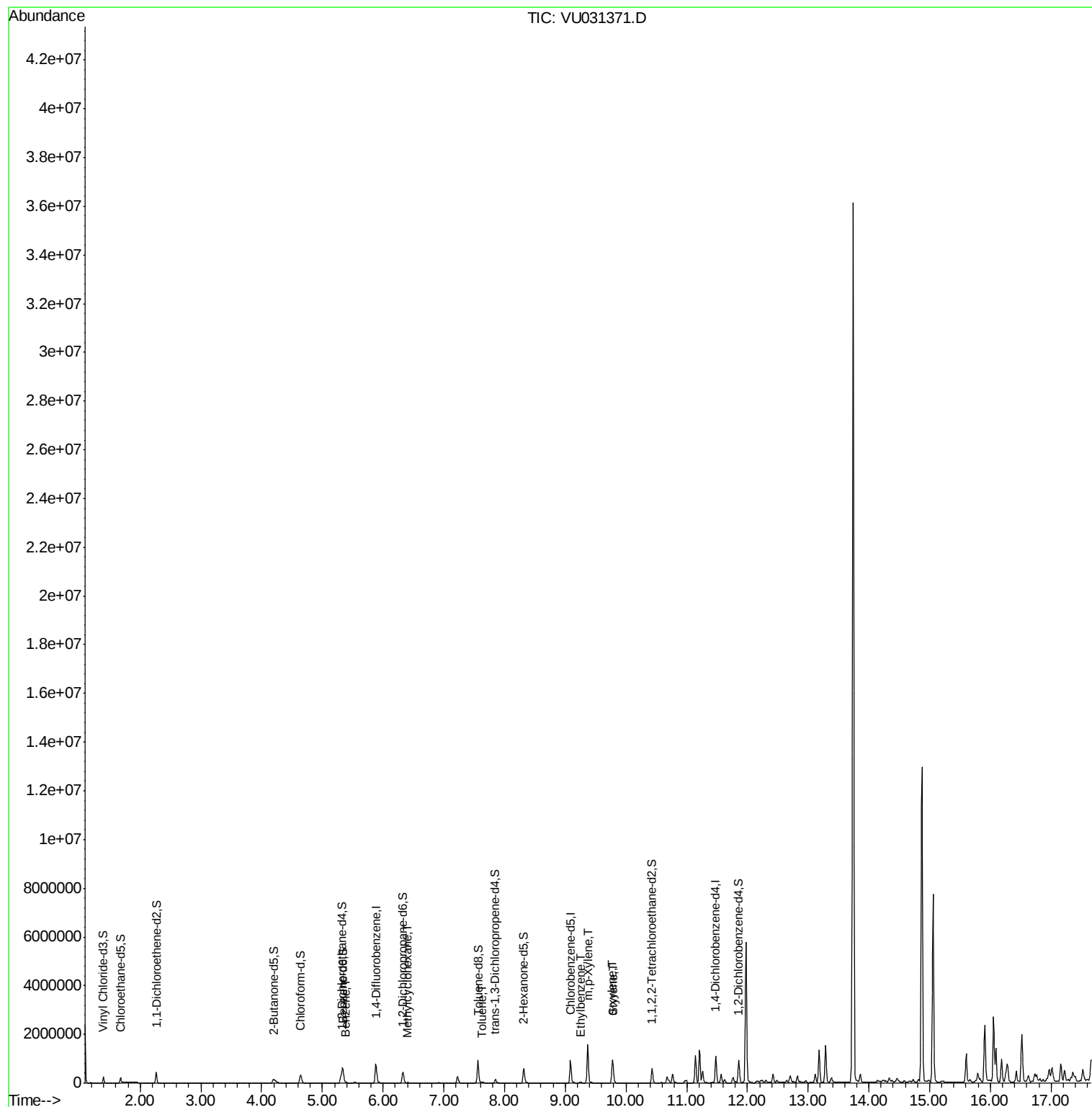
					Ovalue
33) Benzene	5.39	78	22271	1.131 ug/L	100
35) Methvlcvclohexane	6.41	83	8489	1.157 ug/L #	93
42) Toluene	7.64	91	24754	1.263 ug/L	96
52) Ethylbenzene	9.25	91	39132	1.835 ug/L	97
53) m,p-Xylene	9.37	106	486502	64.633 ug/L	99
54) o-xylene	9.77	106	224321	29.429 ug/L	92
55) Styrene	9.79	104	200934	15.616 ug/L	100

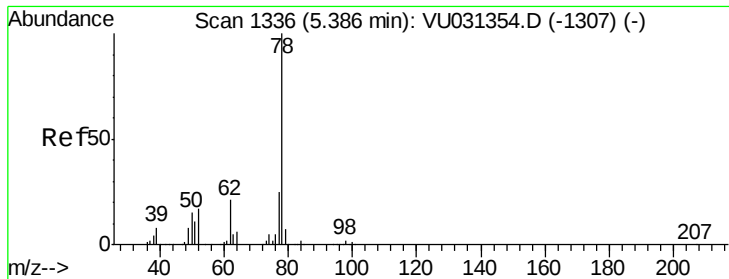
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 19 23:12:12 2019
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#33

Benzene

Concen: 1.131 ug/L

RT: 5.39 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU031371.D

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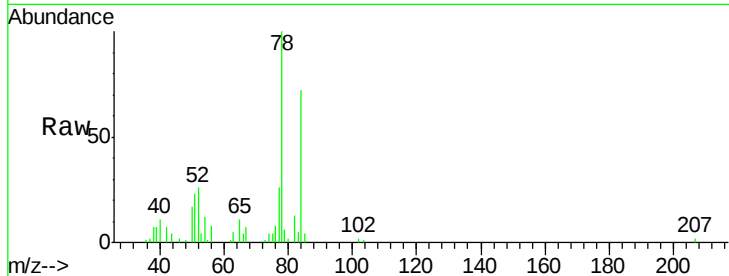
Instrument :

MSVOA_U

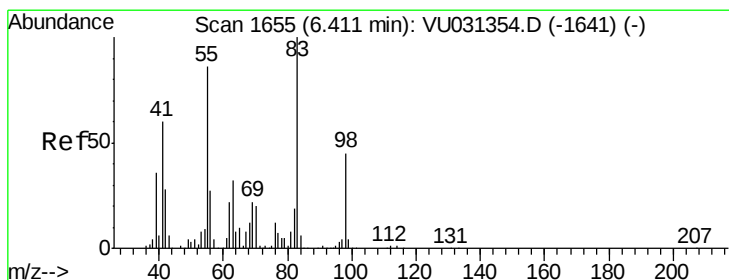
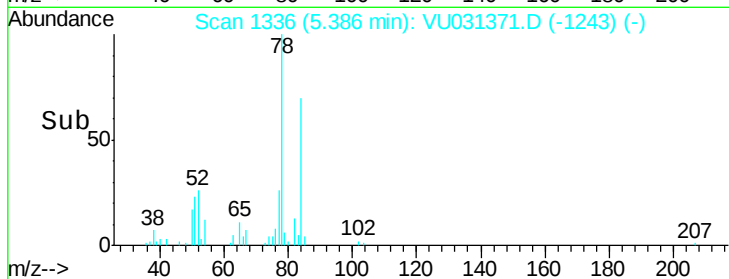
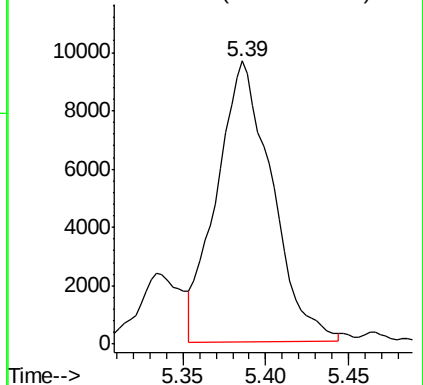
ClientSampled :

GAHS3

Tgt Ion: 78 Resp: 22271



Abundance Ion 78.00 (77.70 to 78.70): VU0



#35

Methylcyclohexane

Concen: 1.157 ug/L

RT: 6.41 min Scan# 1654

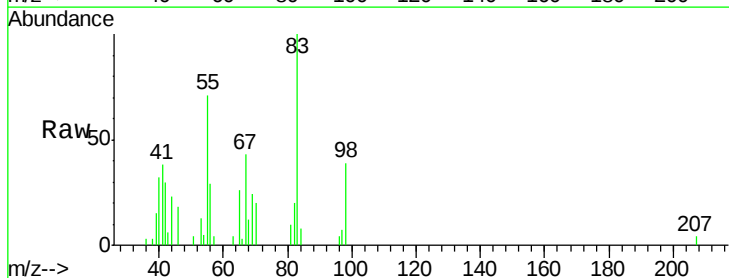
Delta R.T. -0.00 min

Lab File: VU031371.D

Acq: 19 Apr 2019 19:54

Tgt Ion: 83 Resp: 8489

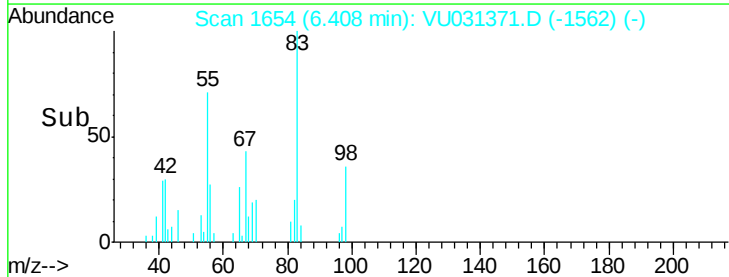
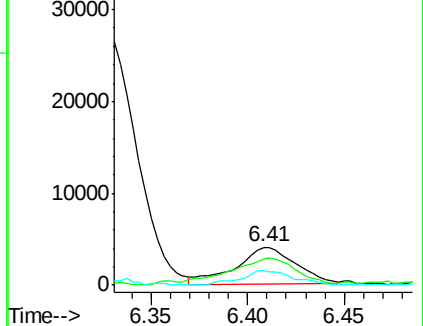
Ion	Ratio	Lower	Upper
83	100		
55	82.8	67.0	100.4
98	34.7	36.9	55.3

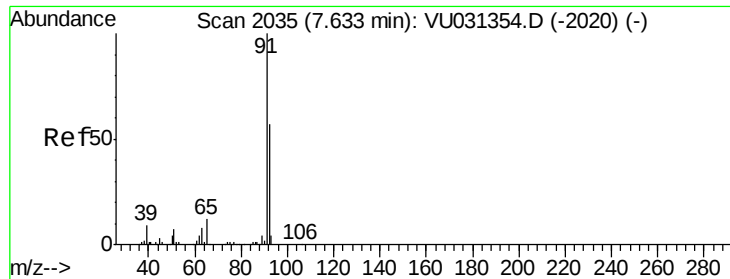


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#42

Toluene

Concen: 1.263 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU031371.D

Acq: 19 Apr 2019 19:54

Instrument :

MSVOA_U

ClientSampleId :

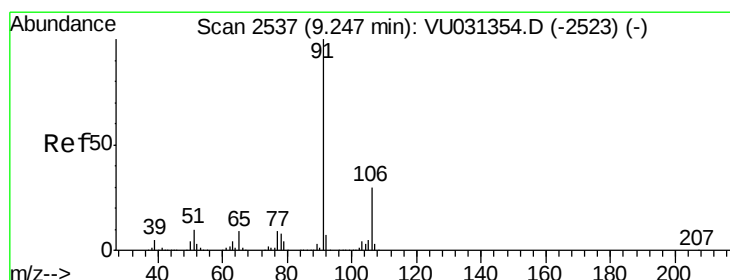
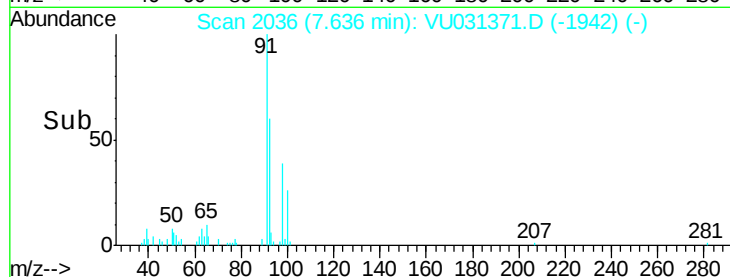
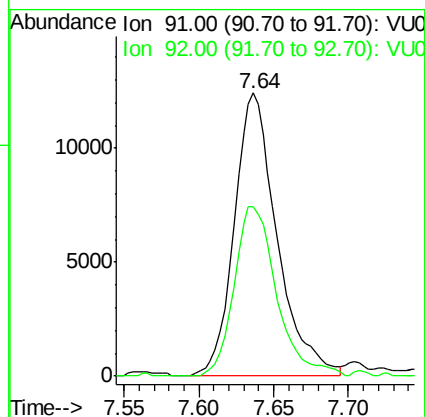
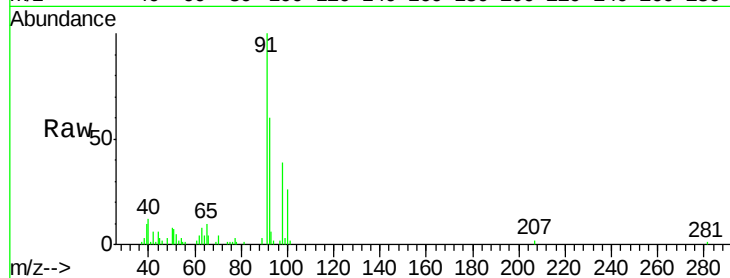
GAHS3

Tot Ion: 91 Resp: 24754

Ion Ratio Lower Upper

91 100

92 60.0 40.1 74.5



#52

Ethylbenzene

Concen: 1.835 ug/L

RT: 9.25 min Scan# 2538

Delta R.T. 0.00 min

Lab File: VU031371.D

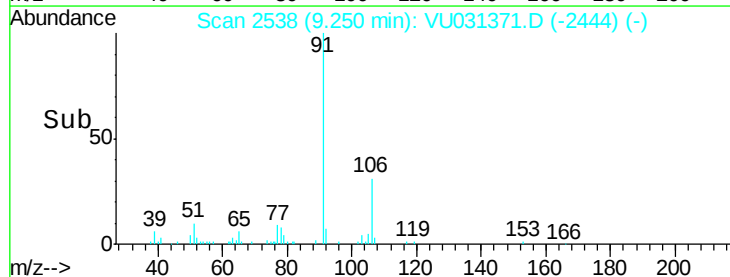
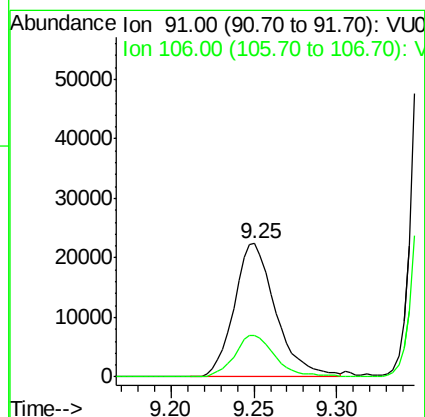
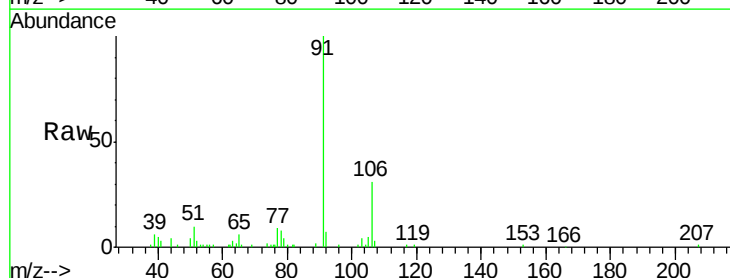
Acq: 19 Apr 2019 19:54

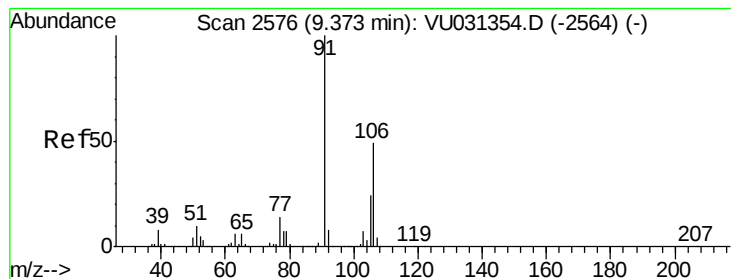
Tgt Ion: 91 Resp: 39132

Ion Ratio Lower Upper

91 100

106 31.4 20.9 38.7





#53

m,p-Xylene

Concen: 64.633 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU031371.D

Acq: 19 Apr 2019 19:54

Instrument :

MSVOA_U

ClientSampleId :

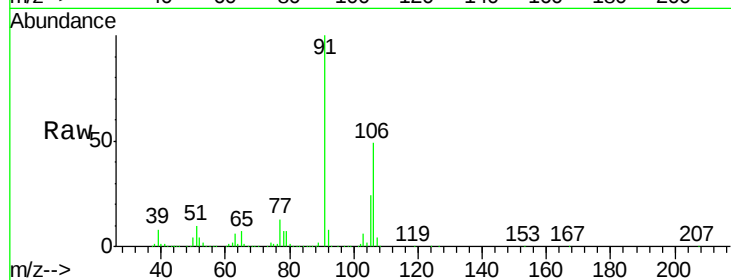
GAHS3

Tot Ion:106 Resp: 486502

Ion Ratio Lower Upper

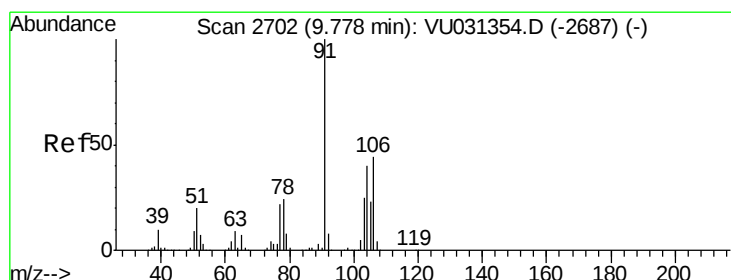
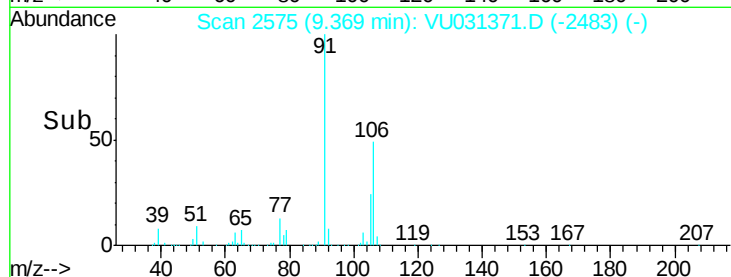
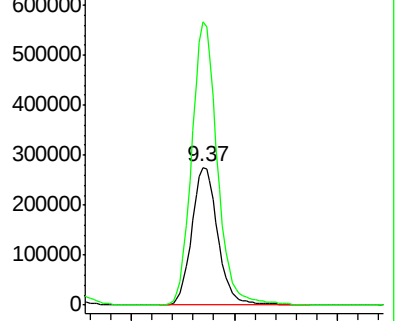
106 100

91 205.0 144.5 268.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 29.429 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. -0.00 min

Lab File: VU031371.D

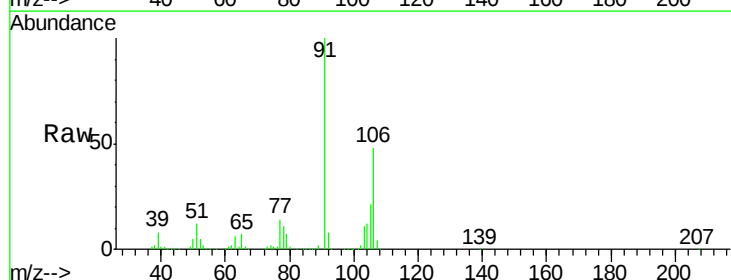
Acq: 19 Apr 2019 19:54

Tgt Ion:106 Resp: 224321

Ion Ratio Lower Upper

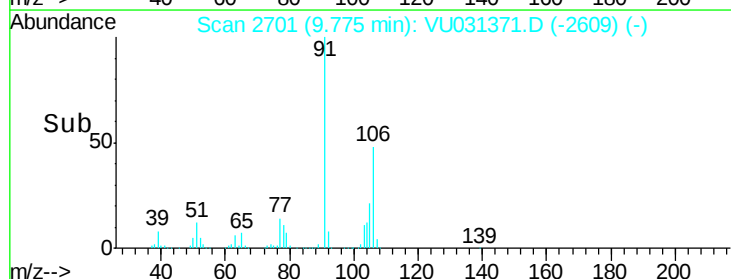
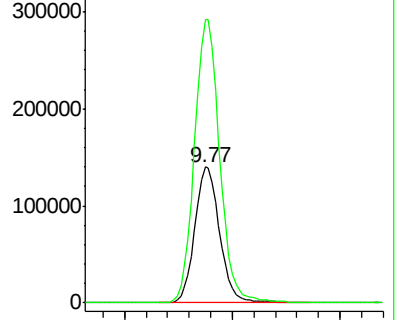
106 100

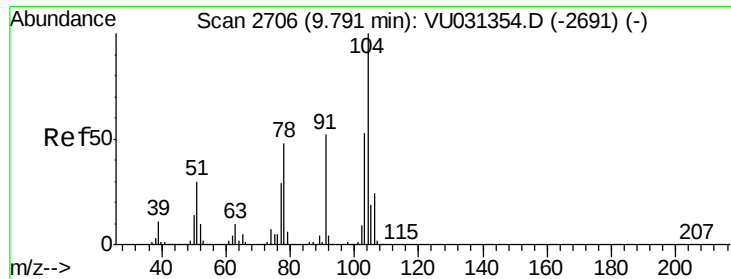
91 208.2 154.3 286.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#55

Stvrene

Concen: 15.616 ug/L

RT: 9.79 min Scan# 2706

Delta R.T. -0.00 min

Lab File: VU031371.D

Acq: 19 Apr 2019 19:54

Instrument :

MSVOA_U

ClientSampleId :

GAHS3

Tot Ion:104 Resp: 200934

Ion Ratio Lower Upper

104 100

78 46.9 32.8 61.0

