

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042019\
 Data File : VU031373.D
 Acq On : 19 Apr 2019 20:40
 Operator : JC/SP
 Sample : K2456-02
 Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHQ2

Quant Time: Apr 20 01:29:48 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	623502	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	618173	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	306567	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	178946	31.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.32%
7) Chloroethane-d5	1.68	69	126314	25.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	50.68%#
11) 1,1-Dichloroethene-d2	2.24	63	285387	25.09	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.18%#
21) 2-Butanone-d5	4.21	46	248732	59.48	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	59.48%
24) Chloroform-d	4.64	84	343294	35.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.66%
26) 1,2-Dichloroethane-d4	5.31	65	195299	33.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.20%#
32) Benzene-d6	5.33	84	667947	34.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.36%#
36) 1,2-Dichloropropane-d6	6.33	67	210282	33.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	66.30%#
41) Toluene-d8	7.56	98	597771	34.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.52%#
43) trans-1,3-Dichloropropene-	7.85	79	98987	32.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.30%
47) 2-Hexanone-d5	8.34	63	290372	96.98	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.98%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	313700	35.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	71.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	257674	36.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.30%#

Target Compounds

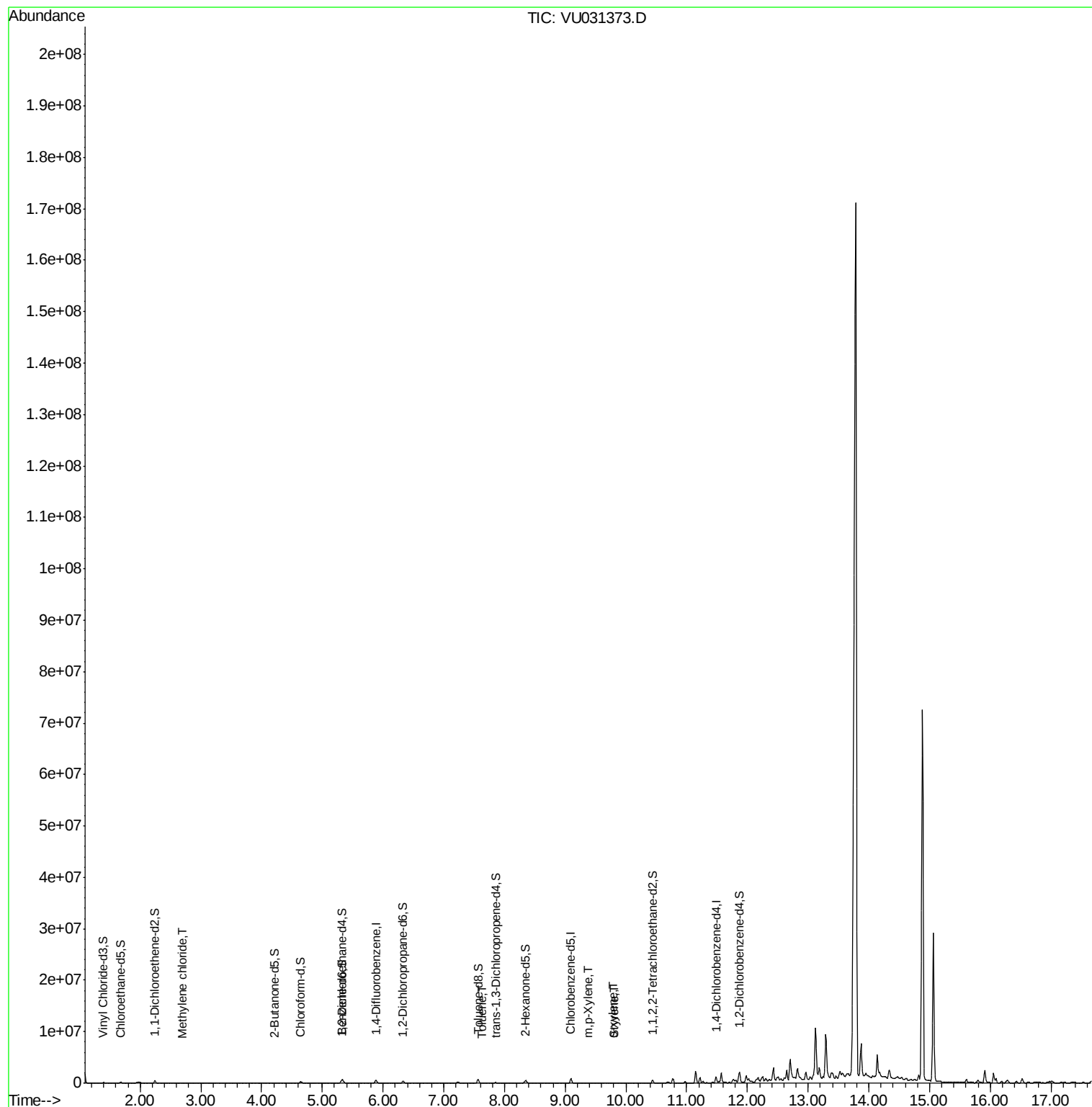
					Ovalue
16) Methylene chloride	2.69	84	3439	0.723 ug/L #	83
42) Toluene	7.64	91	20893	1.010 ug/L	90
53) m,p-Xylene	9.38	106	22171	2.790 ug/L	93
54) o-xylene	9.78	106	19006	2.362 ug/L	81
55) Styrene	9.80	104	22976	1.692 ug/L	99

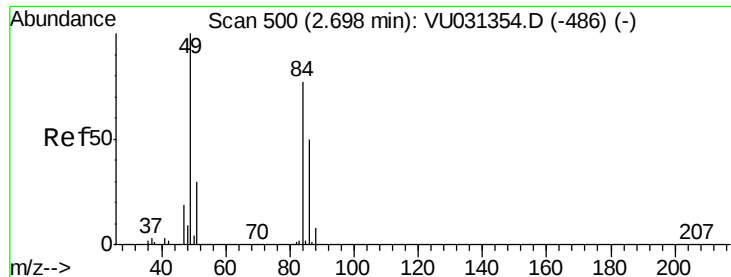
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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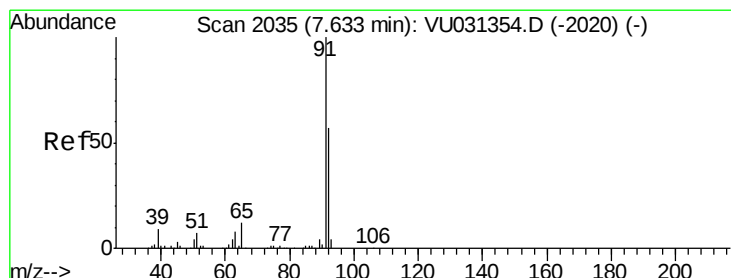
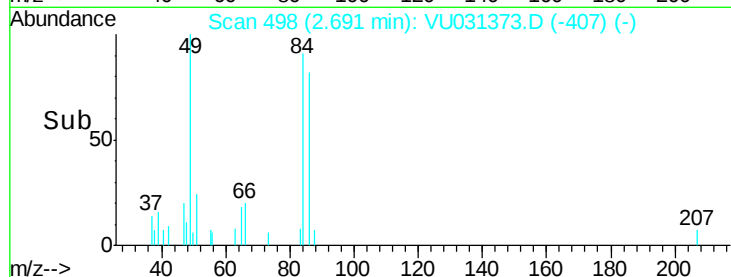
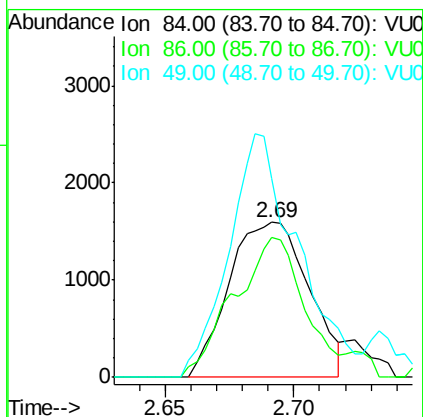
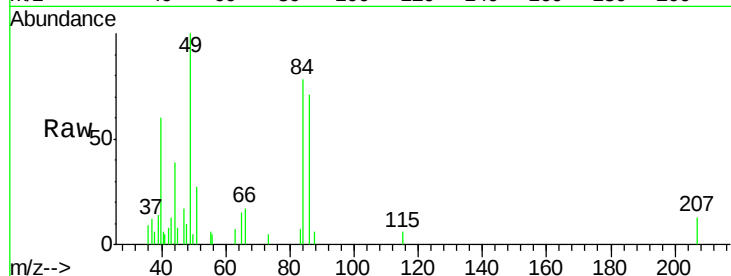




#16
Methvlene chloride
Concen: 0.723 ug/L
RT: 2.69 min Scan# 498
Delta R.T. -0.01 min
Lab File: VU031373.D
Acq: 19 Apr 2019 20:40

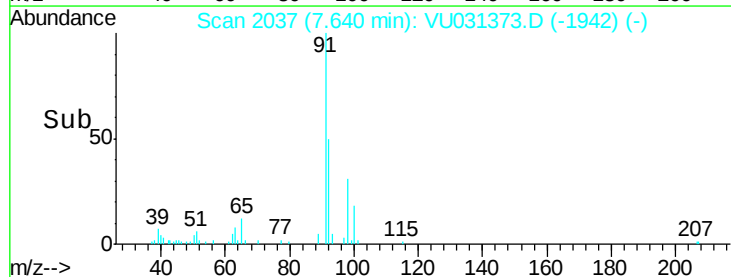
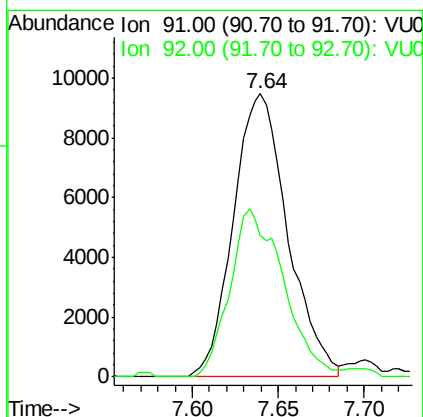
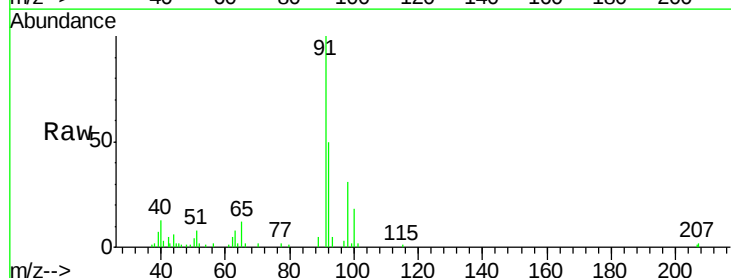
Instrument :
MSVOA_U
ClientSampleId :
GAHQ2

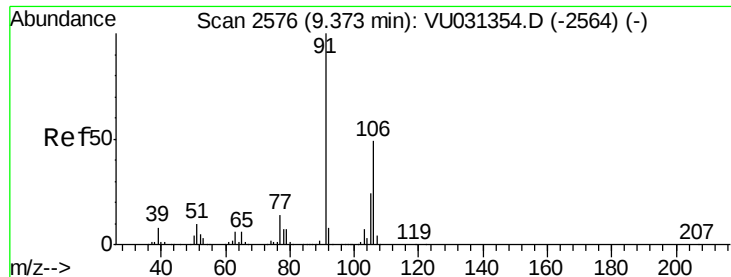
Tot Ion: 84 Resp: 3439
Ion Ratio Lower Upper
84 100
86 90.4 44.0 81.8#
49 134.9 88.0 163.4



#42
Toluene
Concen: 1.010 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VU031373.D
Acq: 19 Apr 2019 20:40

Tgt Ion: 91 Resp: 20893
Ion Ratio Lower Upper
91 100
92 49.8 40.1 74.5





#53

m,p-Xylene

Concen: 2.790 ug/L

RT: 9.38 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VU031373.D

Acq: 19 Apr 2019 20:40

Instrument :

MSVOA_U

ClientSampleId :

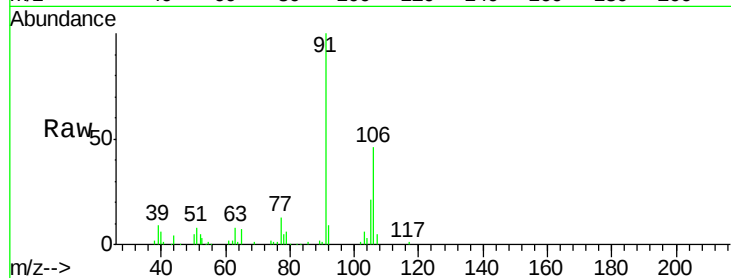
GAHQ2

Tot Ion:106 Resp: 22171

Ion Ratio Lower Upper

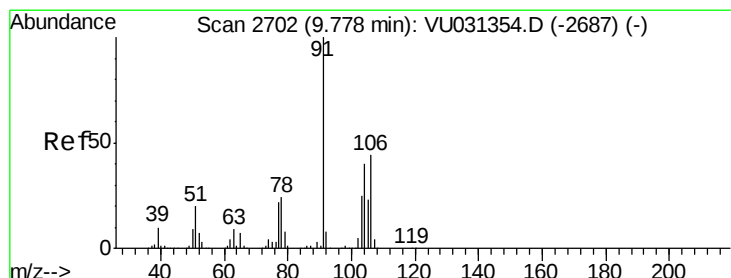
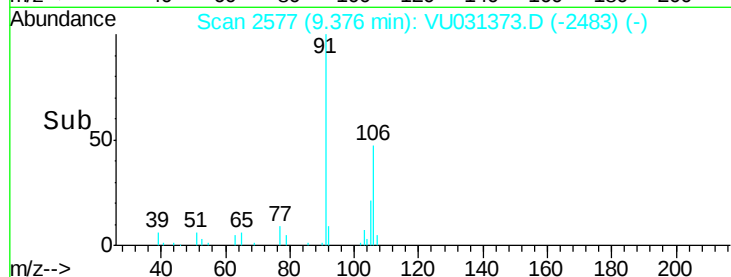
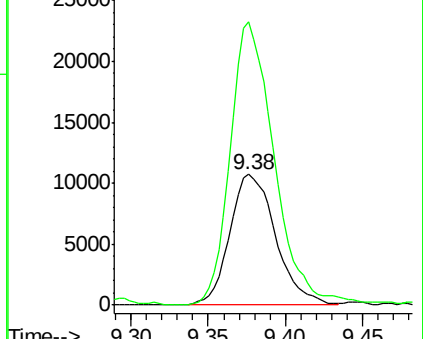
106 100

91 216.7 144.5 268.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 2.362 ug/L

RT: 9.78 min Scan# 2704

Delta R.T. 0.01 min

Lab File: VU031373.D

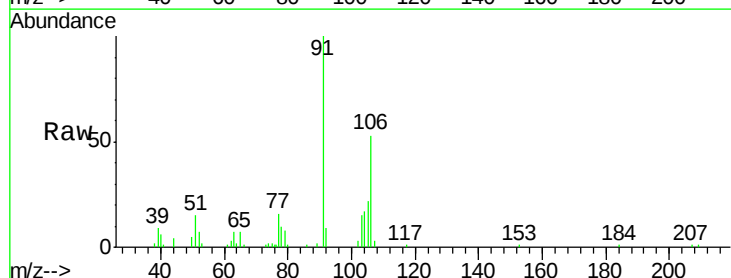
Acq: 19 Apr 2019 20:40

Tgt Ion:106 Resp: 19006

Ion Ratio Lower Upper

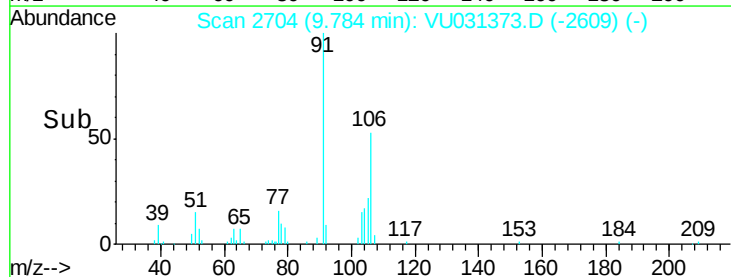
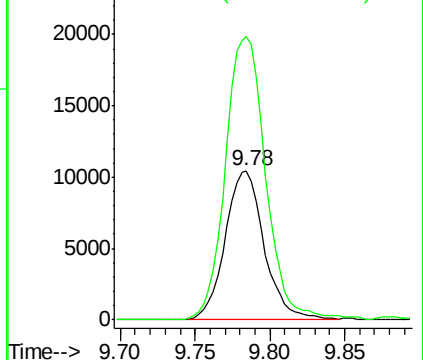
106 100

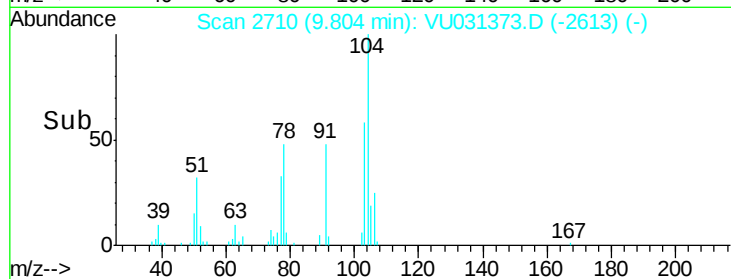
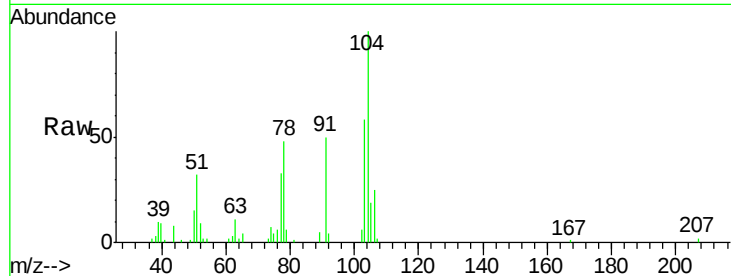
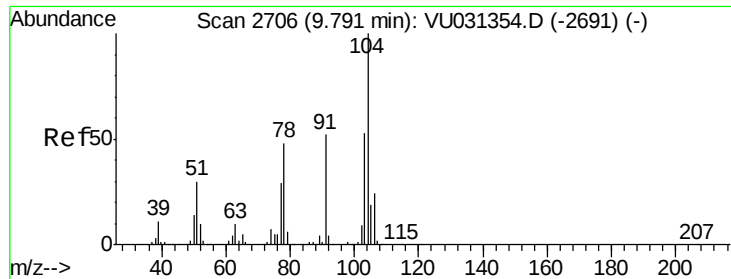
91 190.0 154.3 286.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#55

Stvrene

Concen: 1.692 ug/L

RT: 9.80 min Scan# 2710

Delta R.T. 0.01 min

Lab File: VU031373.D

Acq: 19 Apr 2019 20:40

Instrument :

MSVOA_U

ClientSampleId :

GAHQ2

Tot Ion:104 Resp: 22976

Ion Ratio Lower Upper

104 100

78 47.7 32.8 61.0

