

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042019\
 Data File : VU031368.D
 Acq On : 19 Apr 2019 18:44
 Operator : JC/SP
 Sample : K2455-11
 Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHR1

Quant Time: Apr 22 10:35:34 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	634491	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	604735	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	321198	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	168937	28.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	57.82%#
7) Chloroethane-d5	1.68	69	118669	23.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	46.78%#
11) 1,1-Dichloroethene-d2	2.24	63	266058	22.98	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	45.96%#
21) 2-Butanone-d5	4.21	46	336747	79.13	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.13%
24) Chloroform-d	4.64	84	323629	33.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.38%#
26) 1,2-Dichloroethane-d4	5.31	65	191129	31.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	63.66%#
32) Benzene-d6	5.33	84	655926	34.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.62%#
36) 1,2-Dichloropropane-d6	6.33	67	217046	34.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	69.96%#
41) Toluene-d8	7.56	98	605870	36.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.04%#
43) trans-1,3-Dichloropropene-	7.85	79	99980	33.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.42%
47) 2-Hexanone-d5	8.34	63	243339	83.08	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.08%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	292765	33.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	67.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	262068	35.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.16%#

Target Compounds

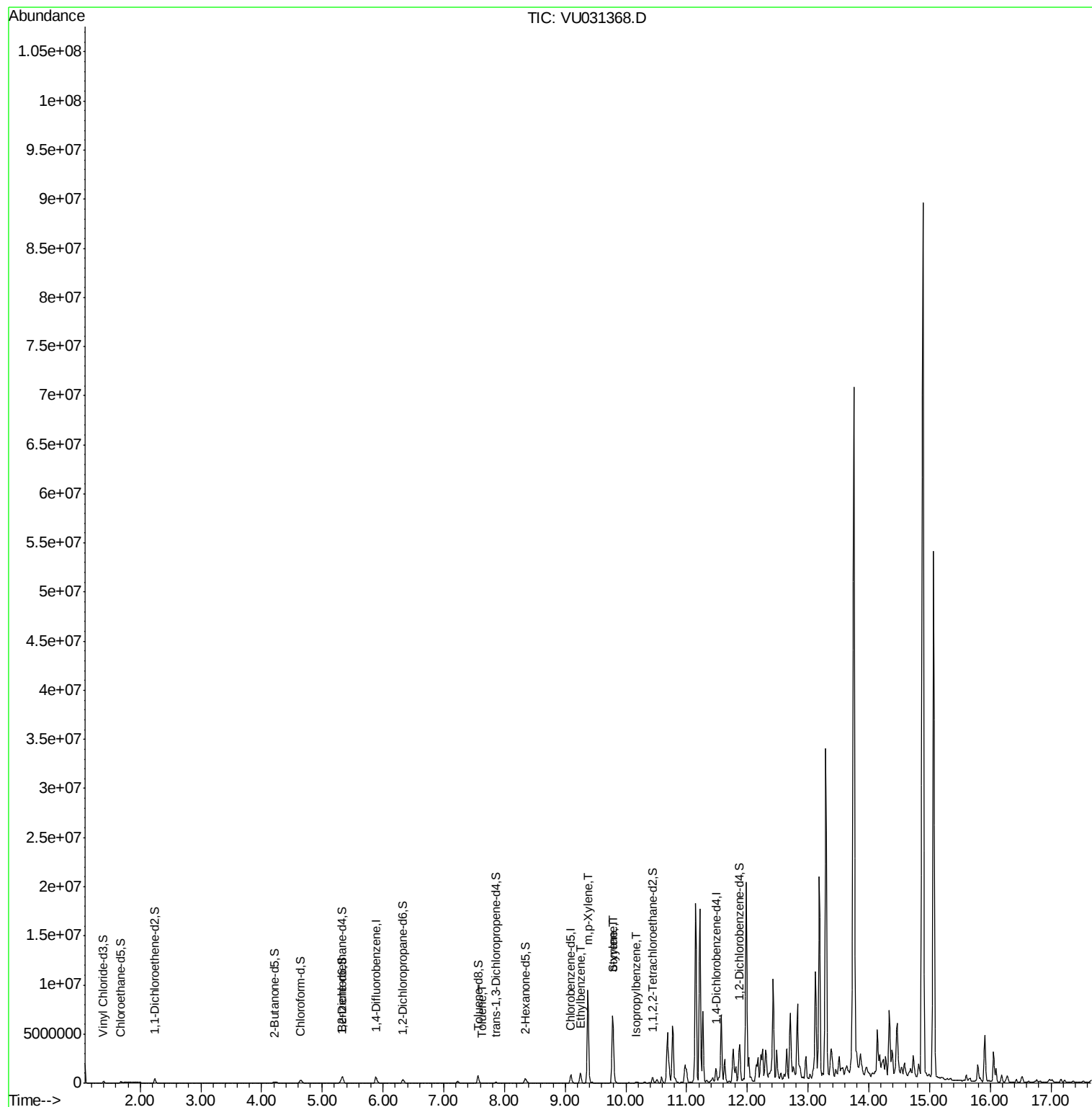
					Ovalue
42) Toluene	7.64	91	36478	1.803	ug/L 95
52) Ethylbenzene	9.25	91	827451	37.567	ug/L 98
53) m,p-Xylene	9.37	106	2978758	383.231	ug/L 95
54) o-xylene	9.78	106	1821212	231.375	ug/L 95
55) Styrene	9.79	104	1029936	77.515	ug/L 91
56) Isopropylbenzene	10.17	105	68226	3.382	ug/L 99

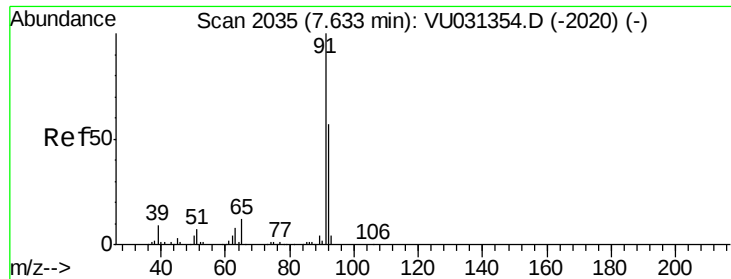
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 19 23:12:12 2019
Response via : Initial Calibration





#42

Toluene

Concen: 1.803 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU031368.D

Acq: 19 Apr 2019 18:44

Instrument :

MSVOA_U

ClientSampled :

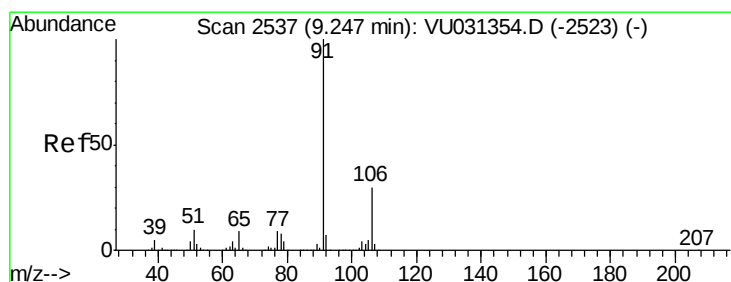
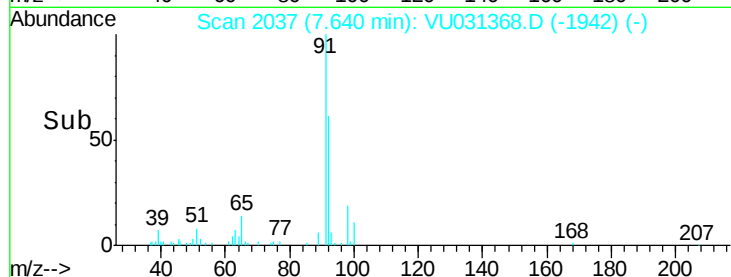
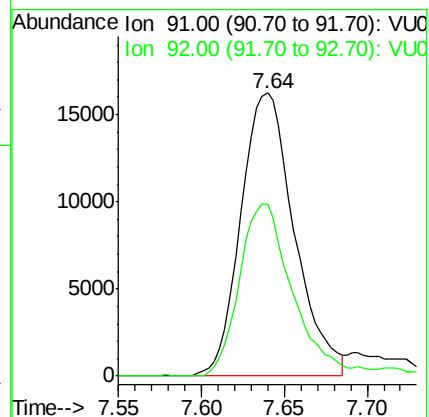
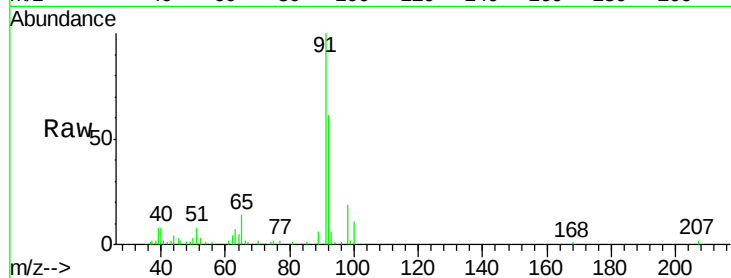
GAHR1

Tot Ion: 91 Resp: 36478

Ion Ratio Lower Upper

91 100

92 60.8 40.1 74.5



#52

Ethylbenzene

Concen: 37.567 ug/L

RT: 9.25 min Scan# 2538

Delta R.T. 0.00 min

Lab File: VU031368.D

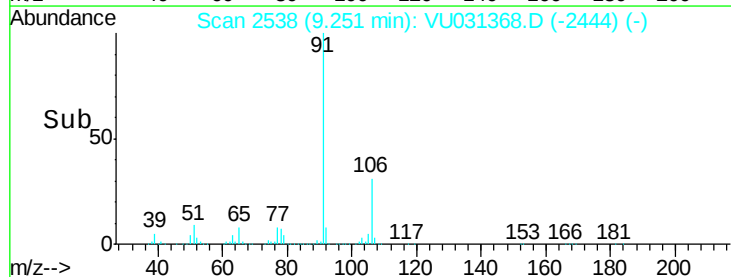
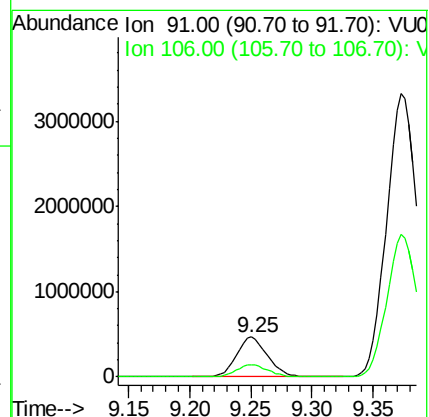
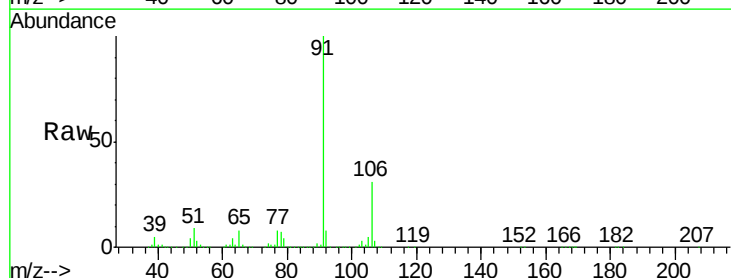
Acq: 19 Apr 2019 18:44

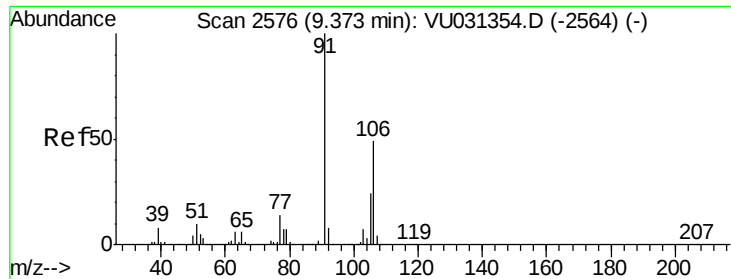
Tgt Ion: 91 Resp: 827451

Ion Ratio Lower Upper

91 100

106 31.1 20.9 38.7





#53

m,p-Xylene

Concen: 383.231 ug/L

RT: 9.37 min Scan# 2576

Delta R.T. -0.00 min

Lab File: VU031368.D

Acq: 19 Apr 2019 18:44

Instrument :

MSVOA_U

ClientSampleId :

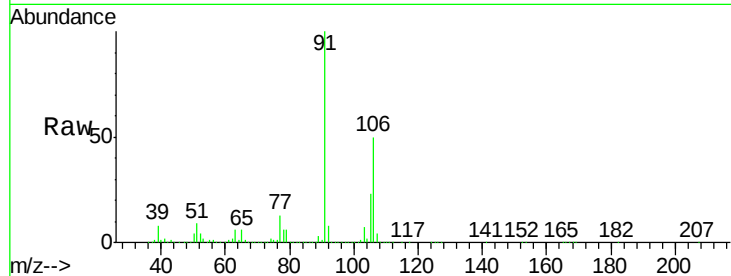
GAHR1

Tot Ion:106 Resp: 2978758

Ion Ratio Lower Upper

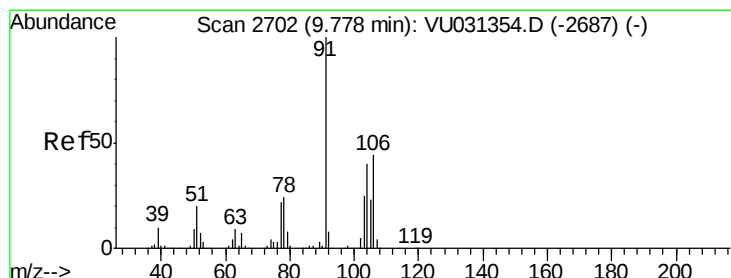
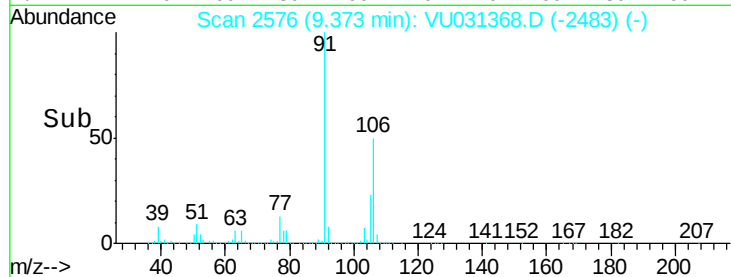
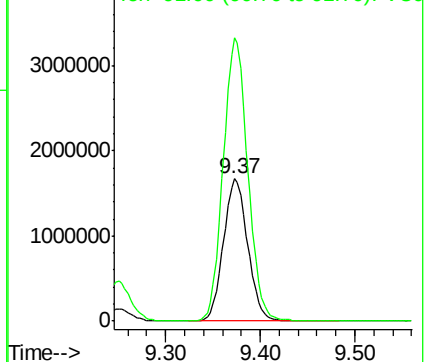
106 100

91 199.0 144.5 268.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 231.375 ug/L

RT: 9.78 min Scan# 2703

Delta R.T. 0.00 min

Lab File: VU031368.D

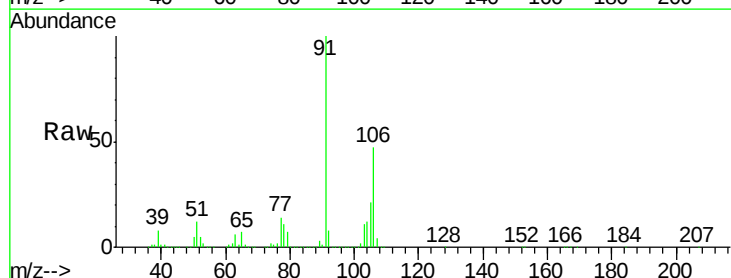
Acq: 19 Apr 2019 18:44

Tgt Ion:106 Resp: 1821212

Ion Ratio Lower Upper

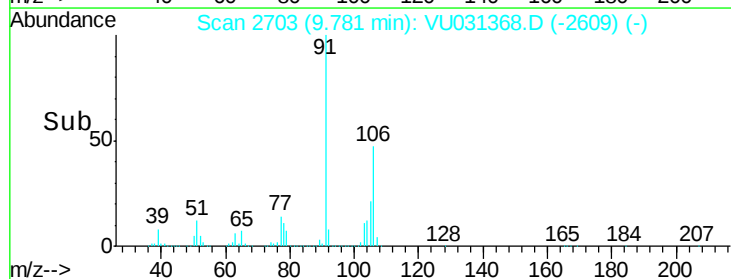
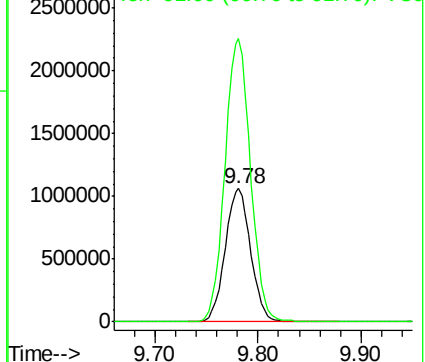
106 100

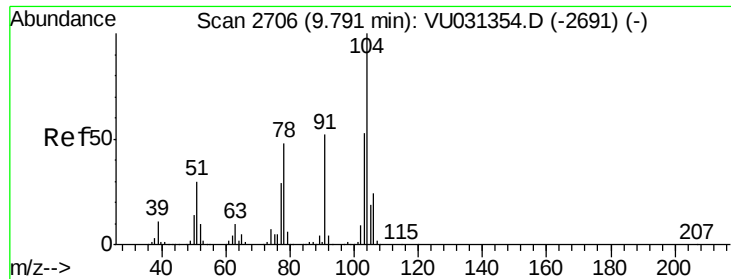
91 212.6 154.3 286.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

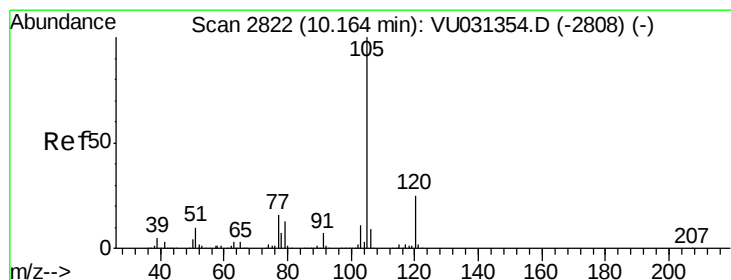
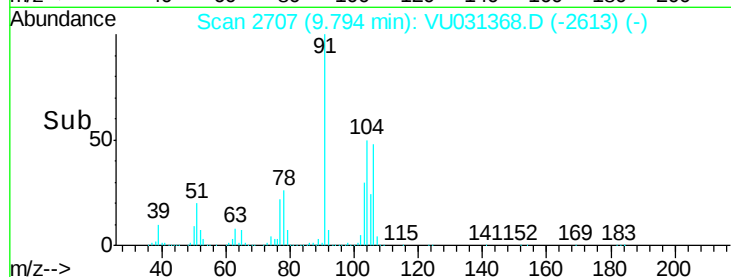
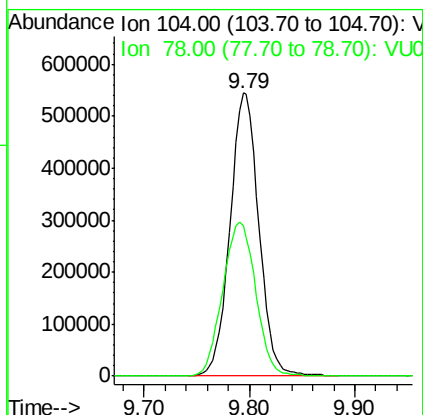
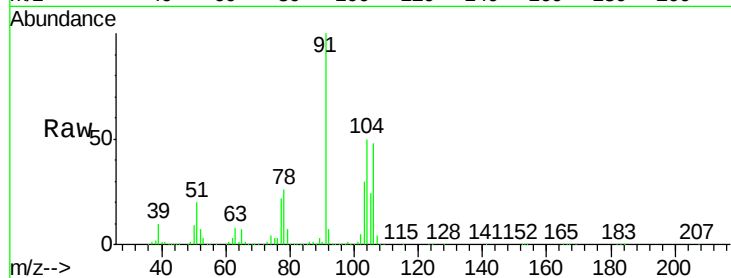




#55
Stvrene
Concen: 77.515 ug/L
RT: 9.79 min Scan# 2707
Delta R.T. 0.00 min
Lab File: VU031368.D
Acq: 19 Apr 2019 18:44

Instrument :
MSVOA_U
ClientSampleId :
GAHR1

Tot Ion:104 Resp: 1029936
Ion Ratio Lower Upper
104 100
78 53.0 32.8 61.0



#56
Isopropylbenzene
Concen: 3.382 ug/L
RT: 10.17 min Scan# 2823
Delta R.T. 0.00 min
Lab File: VU031368.D
Acq: 19 Apr 2019 18:44

Tgt Ion:105 Resp: 68226
Ion Ratio Lower Upper
105 100
120 26.7 20.6 31.0
77 16.4 13.0 19.4

